

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117952.D
 Acq On : 23 Nov 2019 13:20
 Operator : JU
 Sample : K5925-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMS

Manual Integrations
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mohammad
 11/25/2019 2:32:01 PM

Quant Time: Nov 25 08:05:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	116998	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	571892	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	300875	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	502628	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	444698	20.00	ng	-0.01
87) Perylene-d12	15.60	264	400101	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	791813	119.80	ng	-0.01
7) Phenol-d6	6.53	99	1052996	132.08	ng	-0.01
23) Nitrobenzene-d5	7.47	82	659096	68.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	409719	128.63	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1422028	84.79	ng	-0.02
79) Terphenyl-d14	13.04	244	1636226	67.25	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	123704	40.039	ng	98
3) Pyridine	3.48	79	341017	42.077	ng	98
4) n-Nitrosodimethylamine	3.43	42	160880	45.474	ng	97
6) Aniline	6.56	93	179013	16.992	ng	99
8) 2-Chlorophenol	6.69	128	361484	50.402	ng	96
9) Benzaldehyde	6.45	77	168666	30.447	ng	97
10) Phenol	6.55	94	429119	51.799	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	312720	47.006	ng	96
12) 1,3-Dichlorobenzene	6.85	146	399178	47.275	ng	98
13) 1,4-Dichlorobenzene	6.92	146	406569	47.636	ng	99
14) 1,2-Dichlorobenzene	7.07	146	388547	47.601	ng	99
15) Benzyl Alcohol	7.05	79	321130	52.174	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	415112	40.528	ng	96
17) 2-Methylphenol	7.16	107	302160	49.749	ng	99
18) Hexachloroethane	7.42	117	146571	46.748	ng	97
19) n-Nitroso-di-n-propylamine	7.32	70	240371	48.873	ng	98
20) 3+4-Methylphenols	7.30	107	379054	50.276	ng	# 86
22) Acetophenone	7.32	105	499098	38.844	ng	# 97
24) Nitrobenzene	7.49	77	384902	38.782	ng	97
25) Isophorone	7.73	82	679627	38.544	ng	98
26) 2-Nitrophenol	7.80	139	210682	43.614	ng	94
27) 2,4-Dimethylphenol	7.84	122	330701	44.057	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	424456	37.934	ng	99
29) 2,4-Dichlorophenol	8.05	162	355308	43.638	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	418205	44.281	ng	98
31) Naphthalene	8.22	128	1266307	47.497	ng	99
32) Benzoic acid	7.96	122	260990	41.526	ng	99
33) 4-Chloroaniline	8.26	127	95423	7.995	ng	98
34) Hexachlorobutadiene	8.33	225	235037	42.565	ng	99
35) Caprolactam	8.63	113	130390m	50.389	ng	
36) 4-Chloro-3-methylphenol	8.75	107	398319	48.204	ng	98
37) 2-Methylnaphthalene	8.91	142	884043	49.075	ng	99
38) 1-Methylnaphthalene	9.01	142	846676	49.716	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	397011	45.436	ng	99

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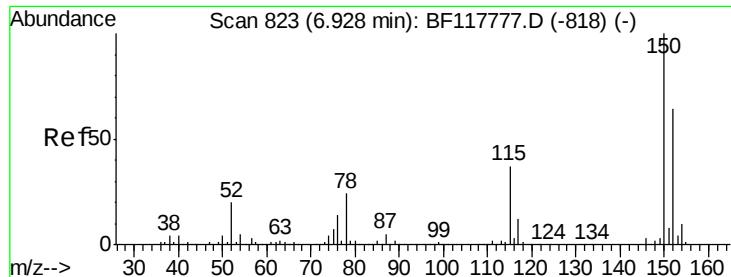
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 11/25/2019 2:32:01 PM

Quant Time: Nov 25 08:05:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	507541	103.651	nq	99
43) 2,4,6-Trichlorophenol	9.19	196	288417	46.084	nq	97
44) 2,4,5-Trichlorophenol	9.23	196	307755	47.361	nq	99
46) 1,1'-Biphenyl	9.37	154	1075751	48.192	nq	98
47) 2-Chloronaphthalene	9.40	162	837180	45.590	nq	97
48) 2-Nitroaniline	9.49	65	250420	45.170	nq	95
49) Acenaphthylene	9.82	152	1320990	49.341	nq	98
50) Dimethylphthalate	9.67	163	1244329	58.977	nq	99
51) 2,6-Dinitrotoluene	9.74	165	229498	49.770	nq #	83
52) Acenaphthene	9.99	154	905587	52.802	nq	99
53) 3-Nitroaniline	9.90	138	87301	15.822	nq	94
54) 2,4-Dinitrophenol	10.02	184	238675	98.864	nq	94
55) Dibenzofuran	10.16	168	1168645	49.207	nq	99
56) 4-Nitrophenol	10.07	139	365658	88.783	nq	97
57) 2,4-Dinitrotoluene	10.15	165	307210	52.374	nq	90
58) Fluorene	10.51	166	866626	47.089	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.28	232	254011	47.575	nq	99
60) Diethylphthalate	10.37	149	966409	46.982	nq	99
61) 4-Chlorophenyl-phenylether	10.50	204	436669	46.754	nq	99
62) 4-Nitroaniline	10.52	138	238164	43.110	nq	99
63) Azobenzene	10.66	77	783687	41.878	nq	99
65) 4,6-Dinitro-2-methylphenol	10.55	198	165410	70.494	nq	85
66) n-Nitrosodiphenylamine	10.62	169	814898	55.708	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	282691	52.125	nq	97
68) Hexachlorobenzene	11.06	284	328317	51.918	nq #	89
69) Atrazine	11.15	200	287152	59.675	nq	98
70) Pentachlorophenol	11.26	266	383152	103.707	nq	99
71) Phenanthrene	11.47	178	1223274	48.407	nq	99
72) Anthracene	11.53	178	1305124	52.090	nq	99
73) Carbazole	11.68	167	1284814	58.682	nq	100
74) Di-n-butylphthalate	12.01	149	1522507	55.850	nq	99
75) Fluoranthene	12.67	202	1241306	55.737	nq	99
77) Benzidine	12.79	184	389840	26.763	nq	98
78) Pyrene	12.90	202	1293931	36.004	nq	100
80) Butylbenzylphthalate	13.52	149	680631	44.095	nq	99
81) Benzo(a)anthracene	14.09	228	1345718	45.794	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	255641	24.870	nq	96
83) Chrysene	14.13	228	1326711	46.592	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	891499	47.639	nq	100
85) Di-n-octyl phthalate	14.69	149	1579241	57.444	nq	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1050642	43.352	nq	98
88) Benzo(b)fluoranthene	15.16	252	1309855	50.389	nq	99
89) Benzo(k)fluoranthene	15.19	252	1263139	51.572	nq	98
90) Benzo(a)pyrene	15.54	252	994039	43.487	nq	99
91) Dibenzo(a,h)anthracene	17.16	278	876831	44.567	nq	97
92) Benzo(g,h,i)perylene	17.60	276	876644	44.735	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

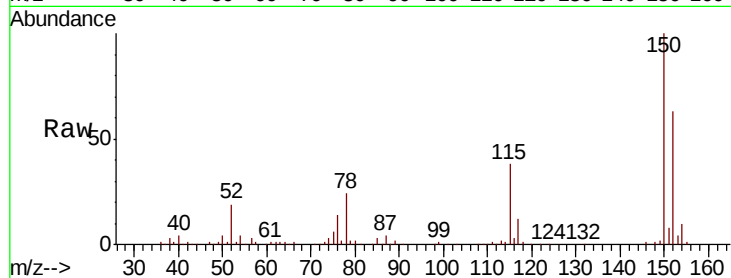
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.3	187.9
115	60.7	47.0	70.4

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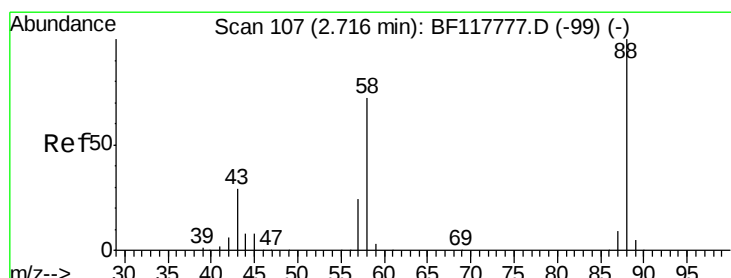
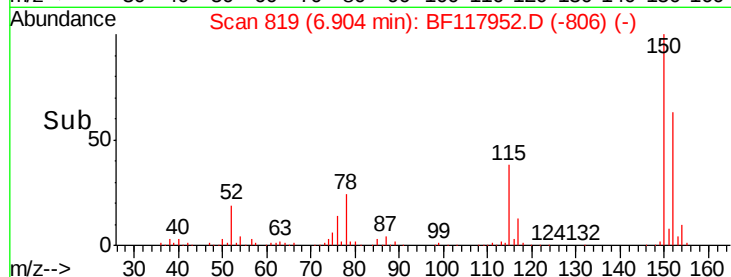
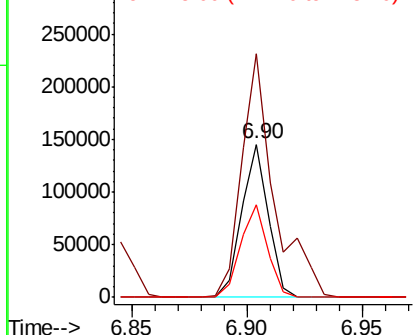


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

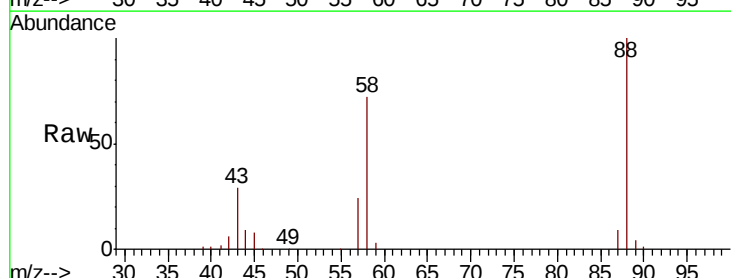
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.039 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.4	58.2	87.2
43	28.4	23.3	34.9

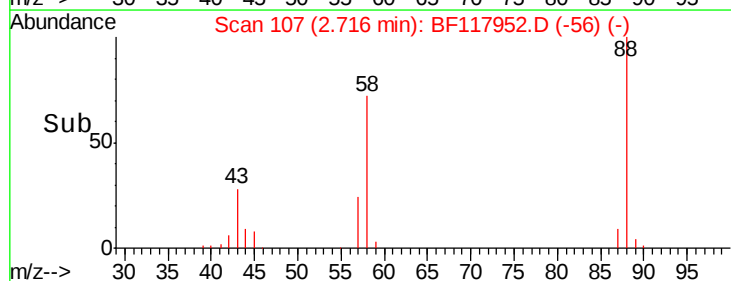
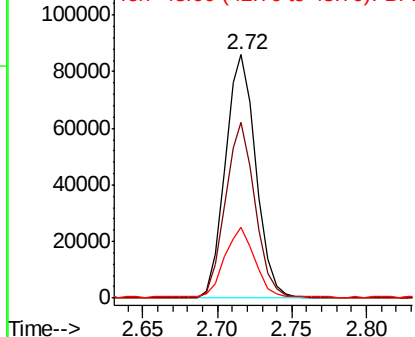


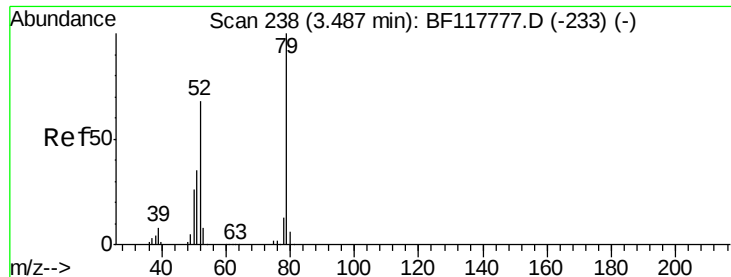
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





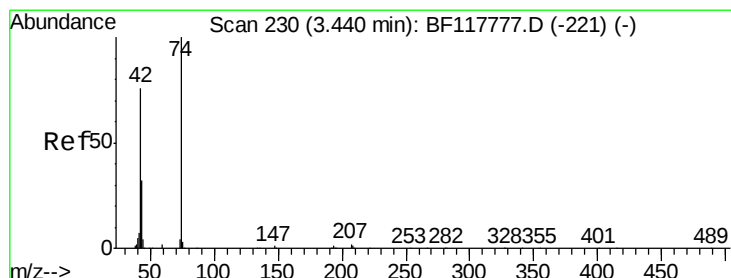
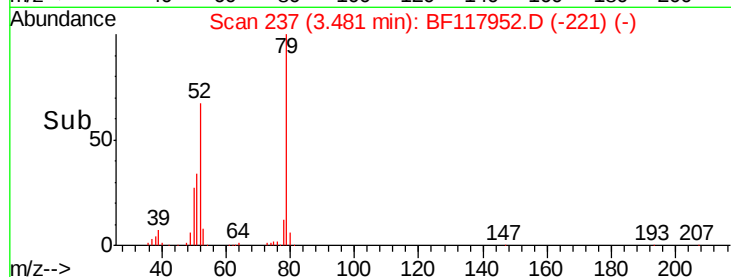
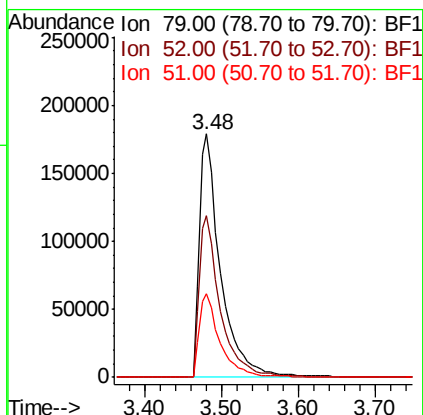
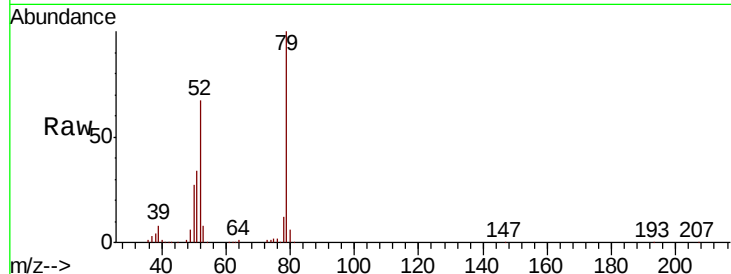
#3
Pvridine
Concen: 42.077 ng
RT: 3.48 min Scan# 237
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
79	100	341017		
52	66.6	54.8	82.2	
51	34.5	28.2	42.4	

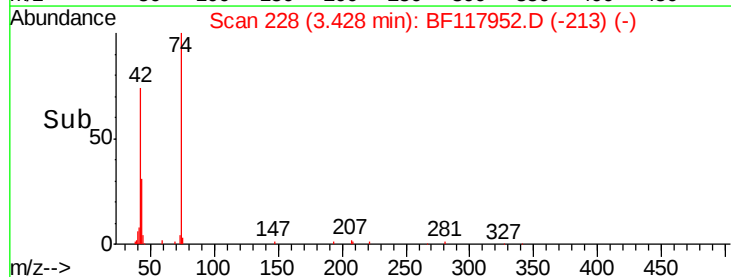
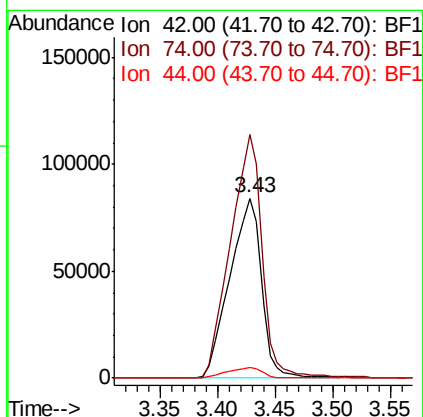
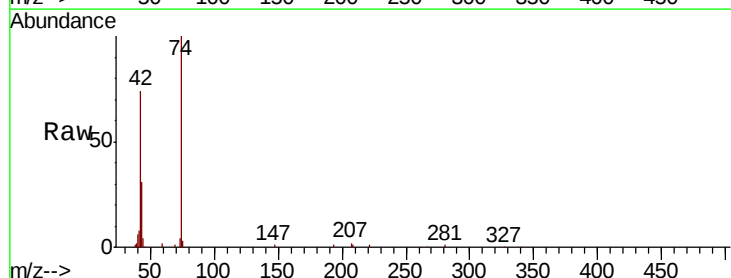
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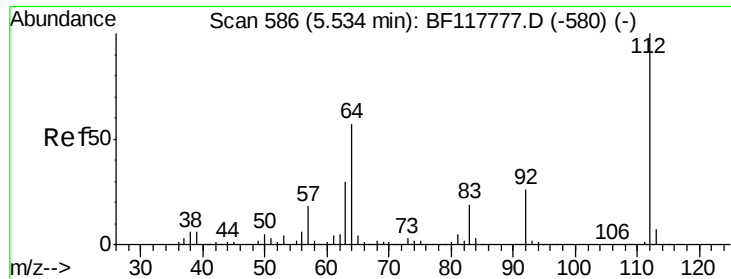
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#4
n-Nitrosodimethylamine
Concen: 45.474 ng
RT: 3.43 min Scan# 228
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	160880		
74	135.4	105.1	157.7	
44	5.9	4.6	7.0	





#5

2-Fluorophenol

Concen: 119.796 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

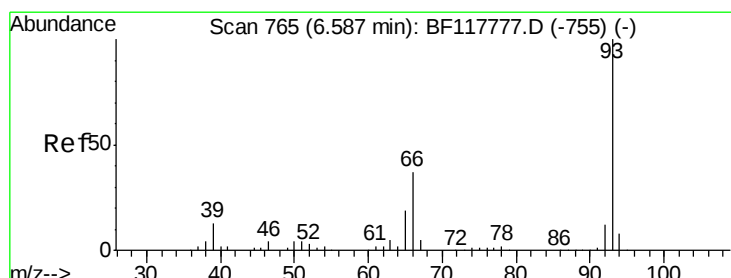
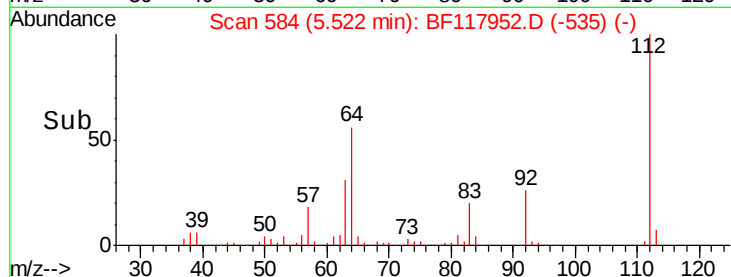
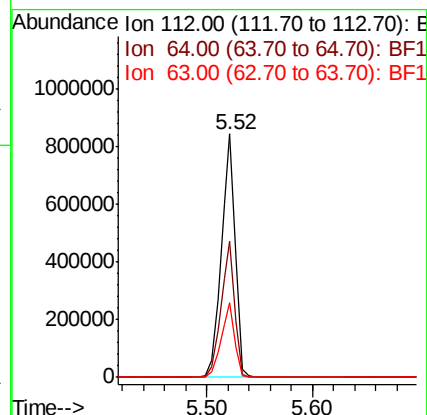
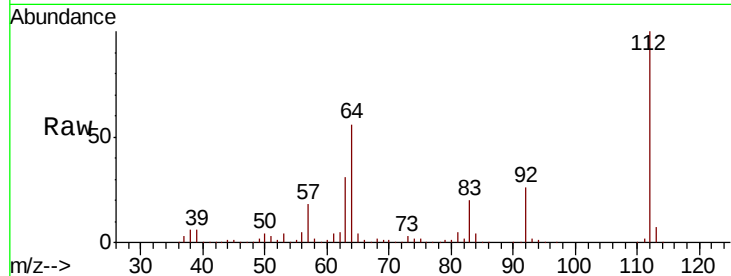
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		791813		
64	56.0		45.6	68.4	
63	30.7		24.1	36.1	

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#6

Aniline

Concen: 16.992 ng

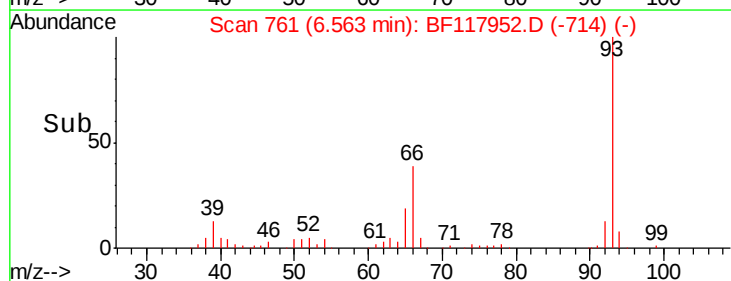
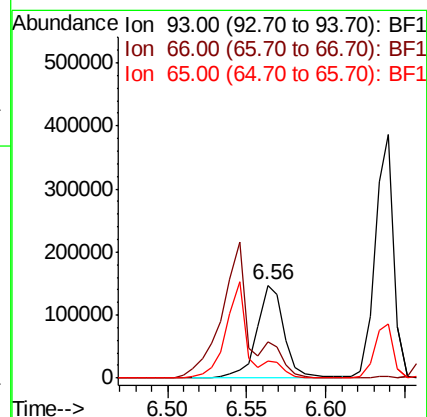
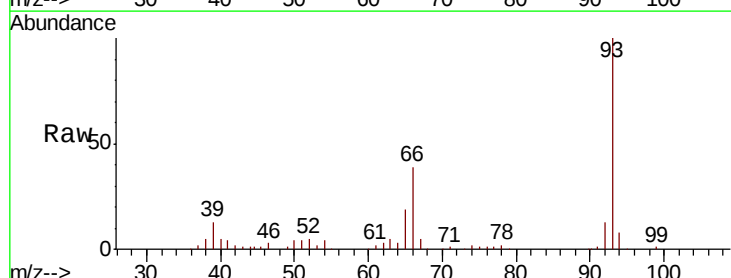
RT: 6.56 min Scan# 761

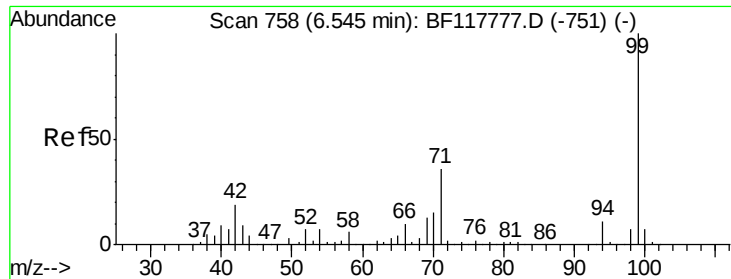
Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		179013		
66	39.0		30.6	45.8	
65	18.9		15.6	23.4	





#7

Phenol-d6

Concen: 132.082 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMS

Tot Ion: 99 Resp: 1052996

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

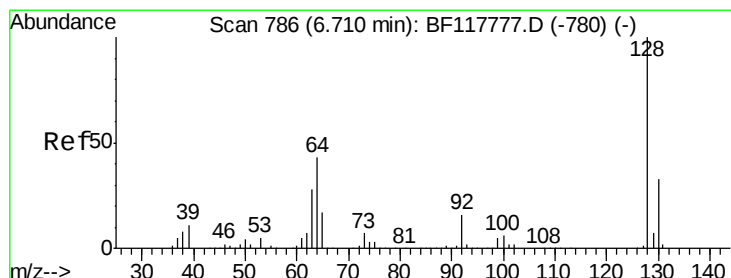
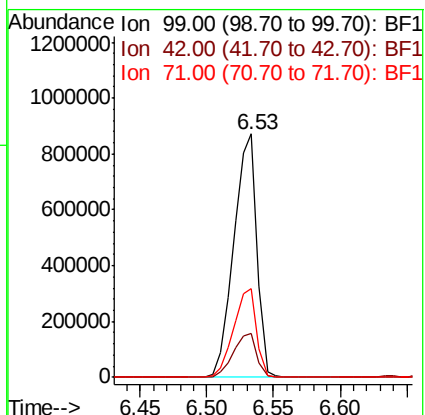
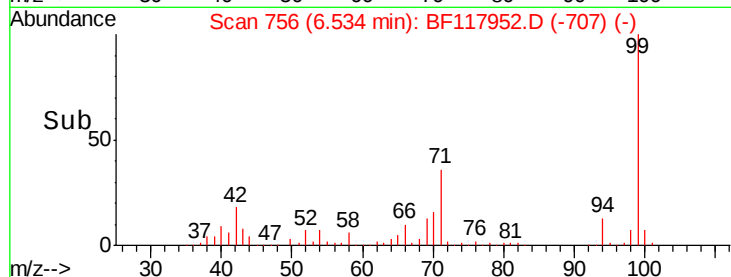
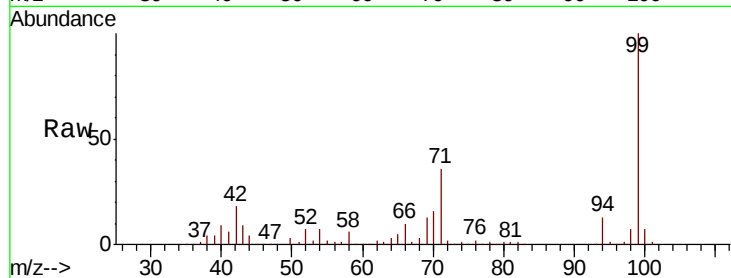
71 36.2 28.6 43.0

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#8

2-Chlorophenol

Concen: 50.402 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

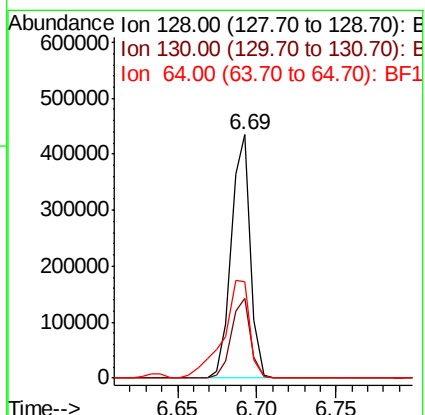
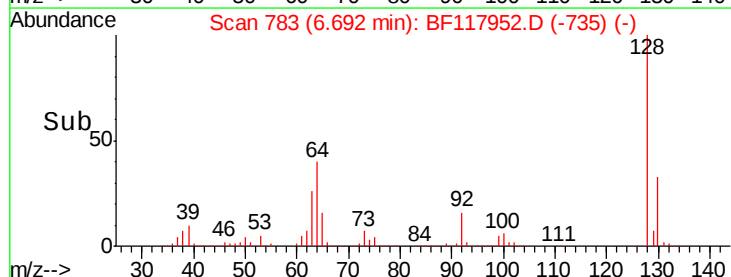
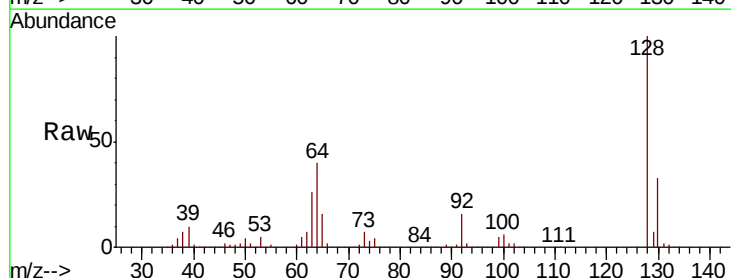
Tgt Ion: 128 Resp: 361484

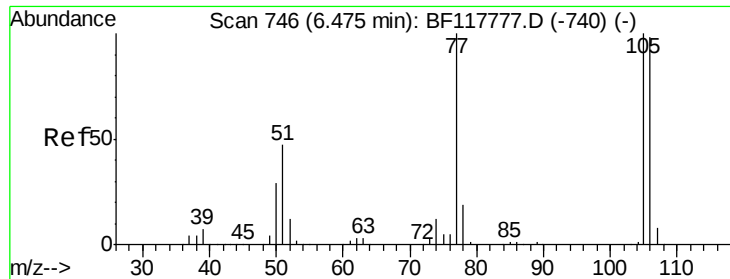
Ion Ratio Lower Upper

128 100

130 32.9 13.2 53.2

64 39.8 23.7 63.7





#9

Benzaldehyde

Concen: 30.447 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

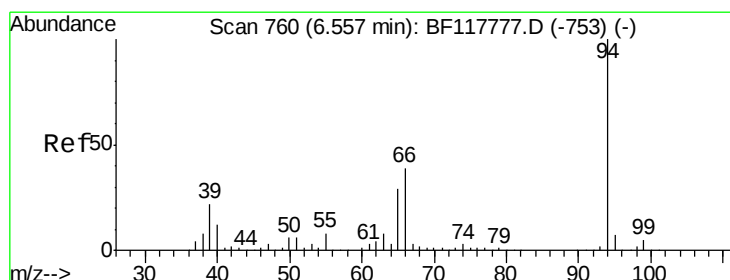
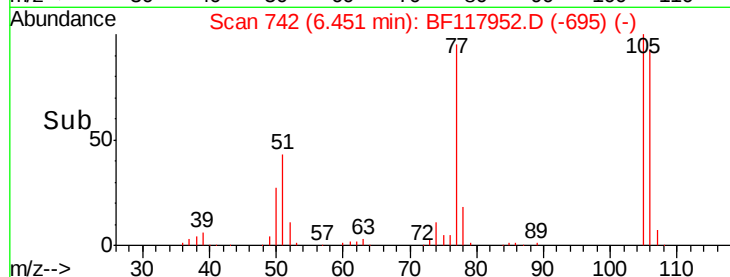
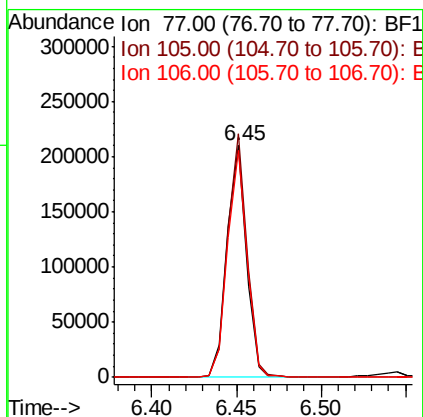
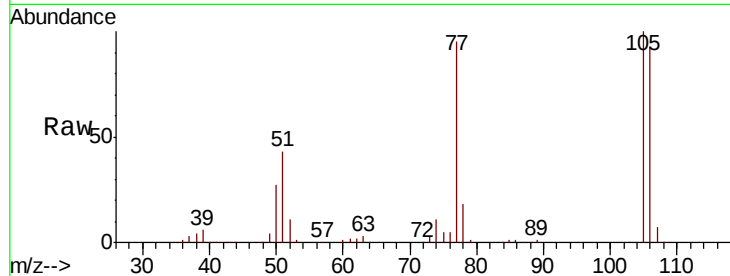
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:	77	Resp:	168666
Ion	Ratio	Lower	Upper
77	100		
105	105.1	80.2	120.2
106	98.2	78.4	118.4

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#10

Phenol

Concen: 51.799 ng

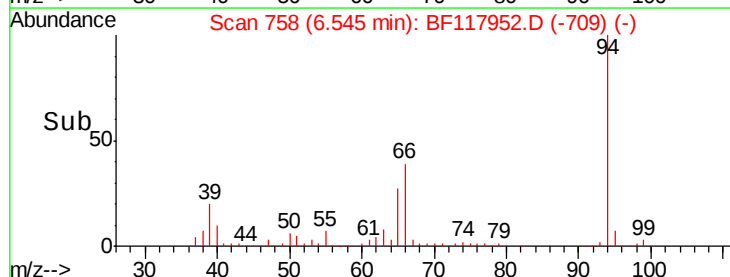
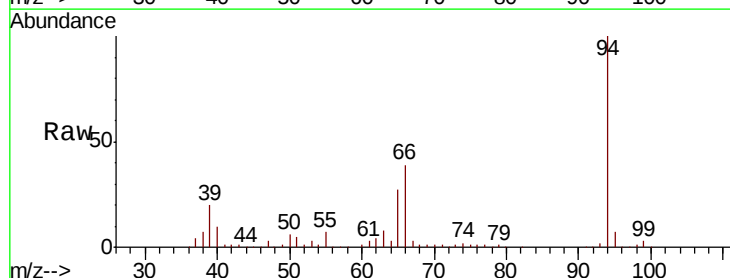
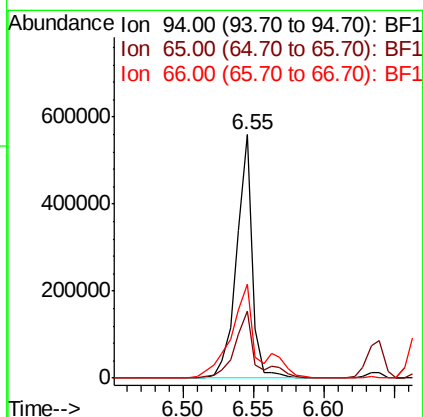
RT: 6.55 min Scan# 758

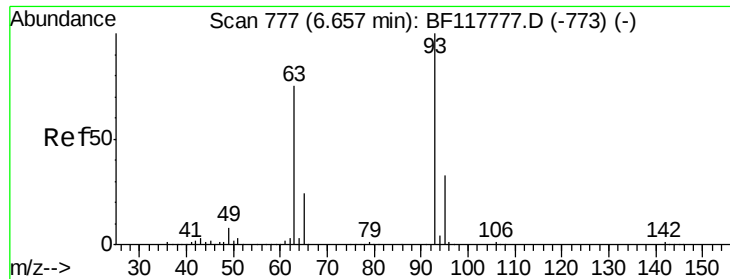
Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion:	94	Resp:	429119
Ion	Ratio	Lower	Upper
94	100		
65	27.3	8.9	48.9
66	38.6	18.7	58.7





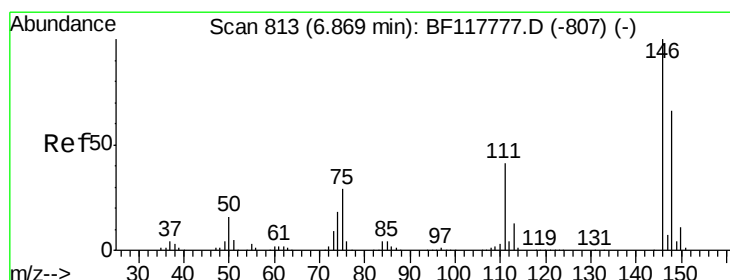
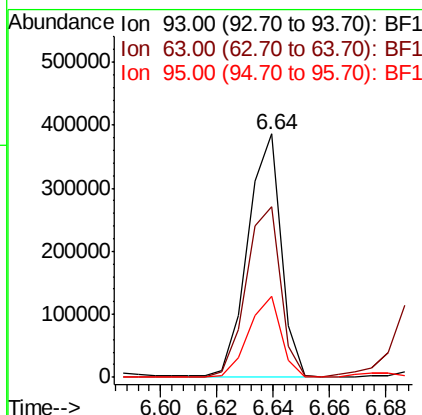
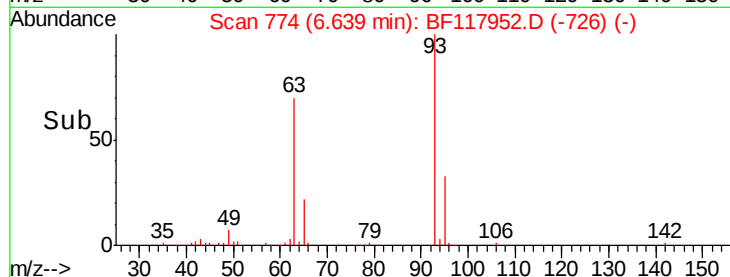
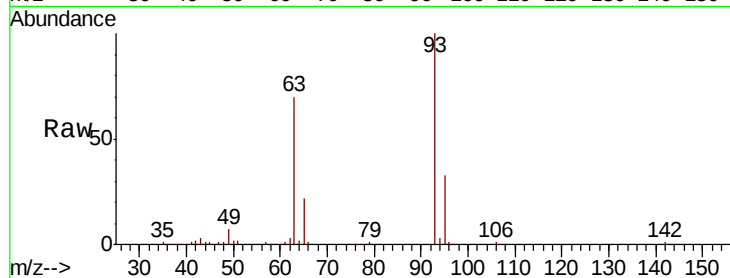
#11
bis(2-Chloroethyl)ether
Concen: 47.006 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.2	54.8	94.8
95	33.1	12.7	52.7

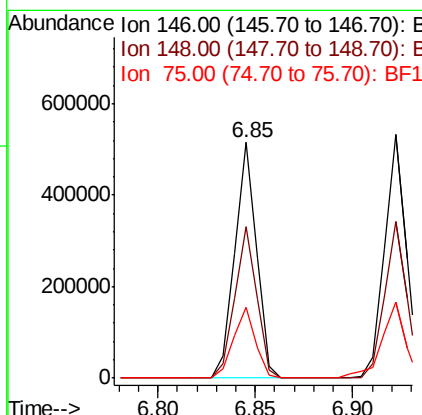
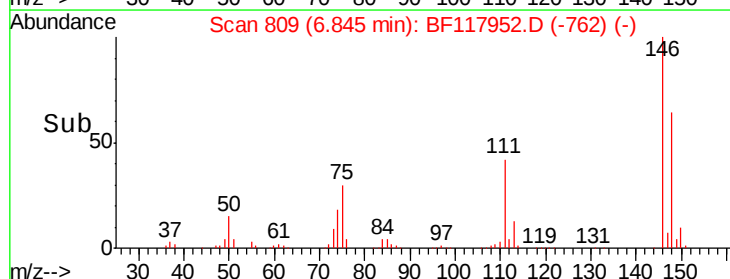
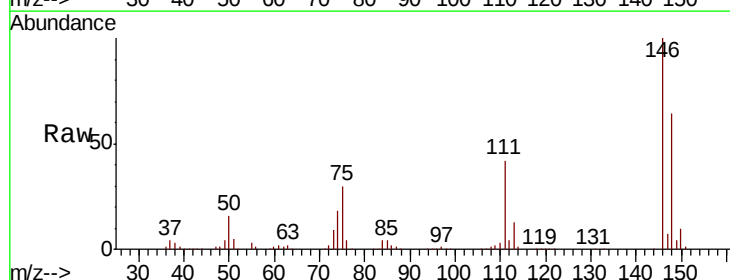
Manual Integrations
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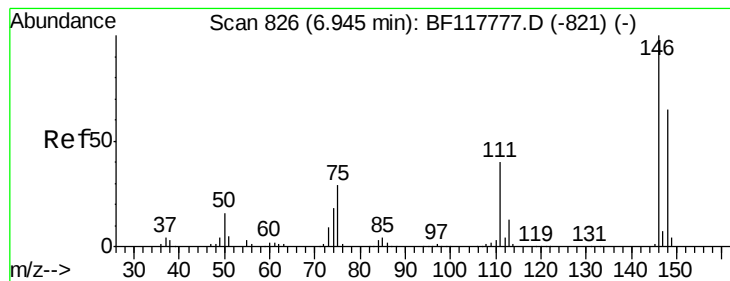
mohammad
11/25/2019 2:32:01 PM



#12
1,3-Dichlorobenzene
Concen: 47.275 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.8	79.2
75	30.3	23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 47.636 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

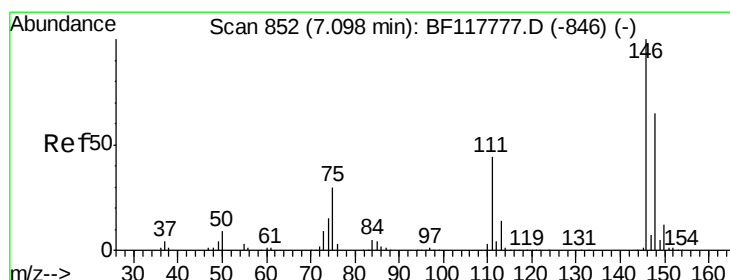
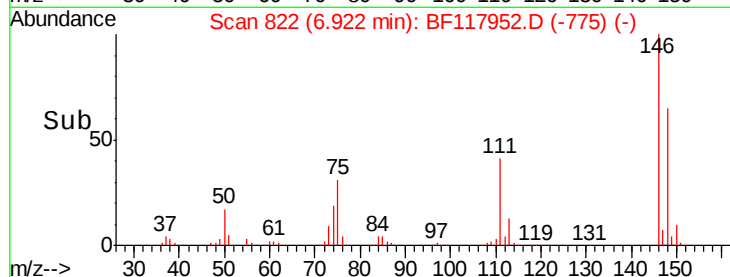
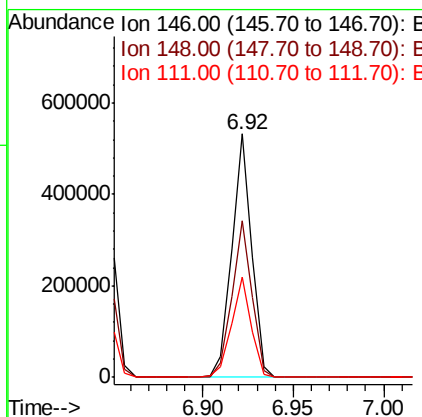
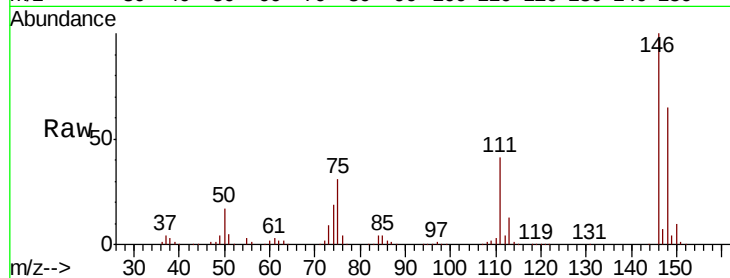
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:	146	Resp:	406569
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.3	78.5
111	41.4	32.2	48.4

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 47.601 ng

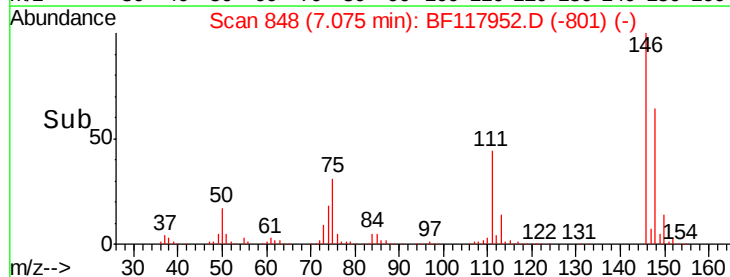
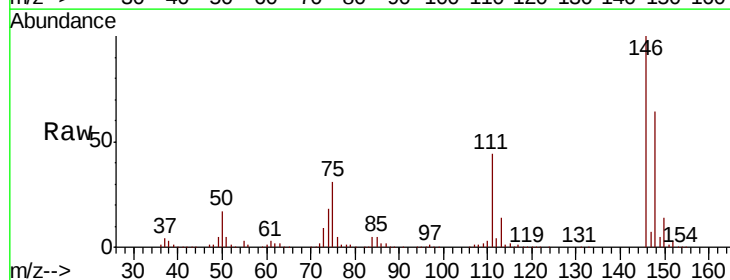
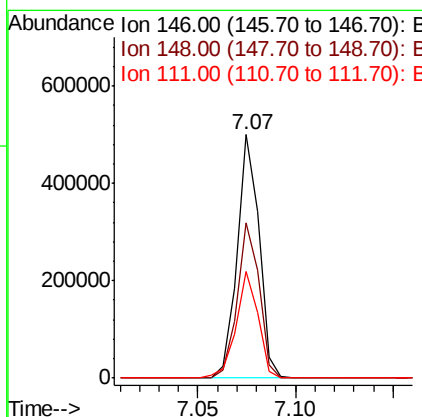
RT: 7.07 min Scan# 848

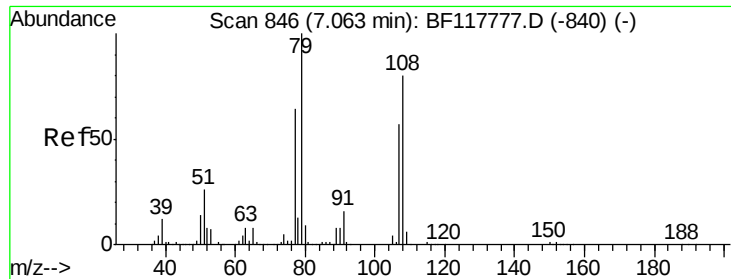
Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion:	146	Resp:	388547
Ion Ratio	Lower	Upper	
146	100		
148	63.7	51.8	77.8
111	43.9	35.0	52.6





#15

Benzyl Alcohol

Concen: 52.174 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

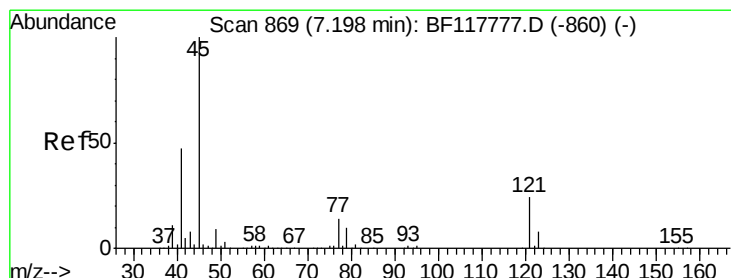
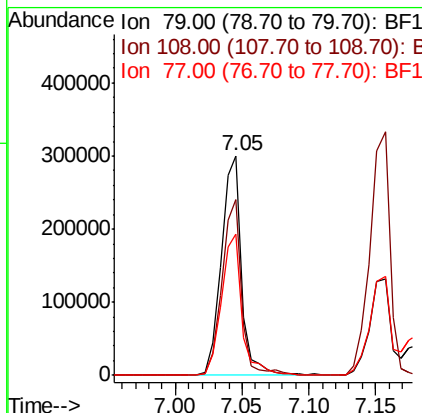
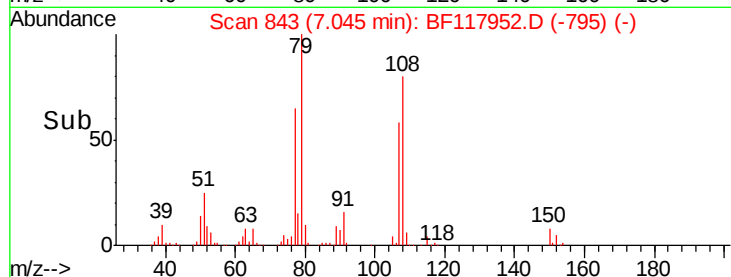
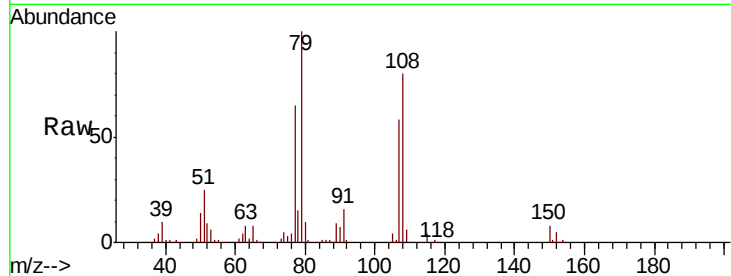
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:	79	Resp:	321130
Ion	Ratio	Lower	Upper
79	100		
108	80.3	64.1	96.1
77	64.6	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.528 ng

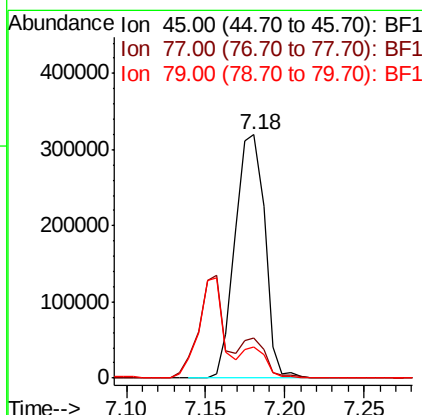
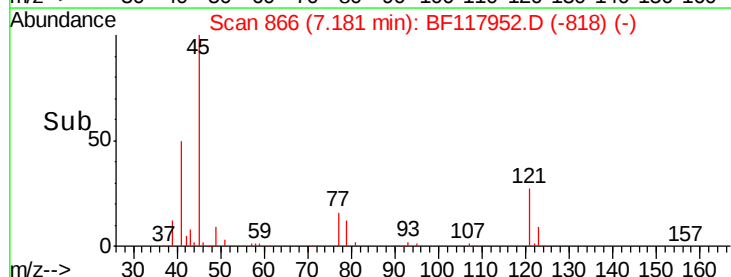
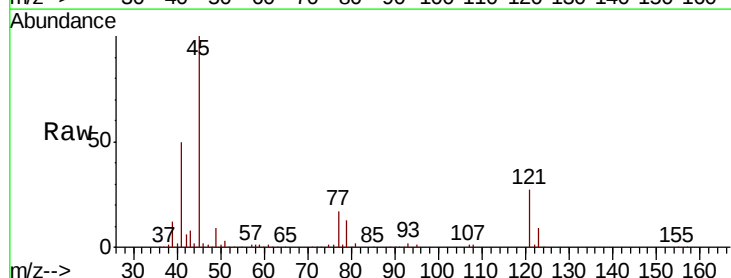
RT: 7.18 min Scan# 866

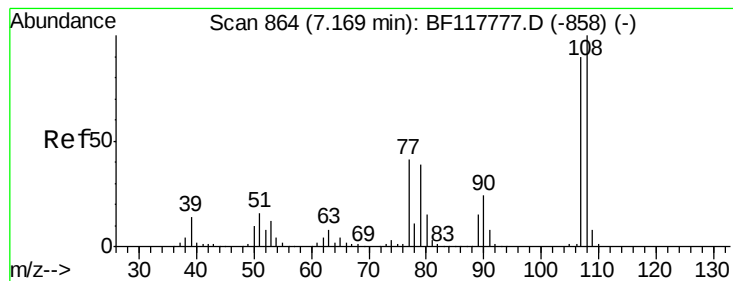
Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion:	45	Resp:	415112
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	35.0
79	12.7	0.0	31.1





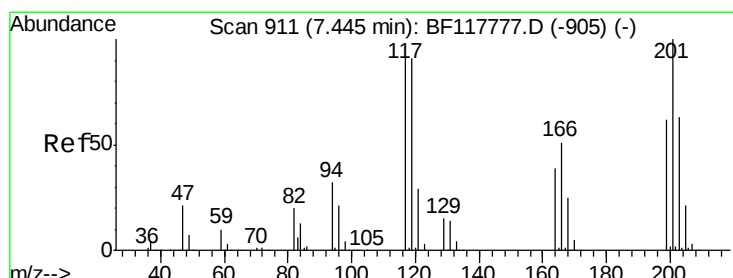
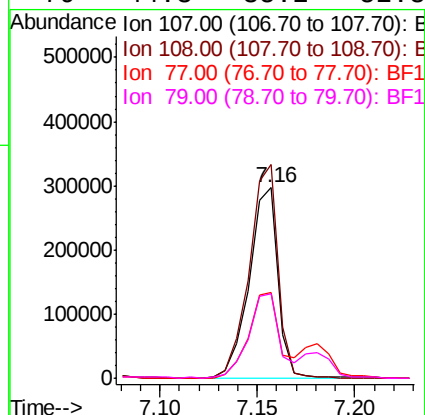
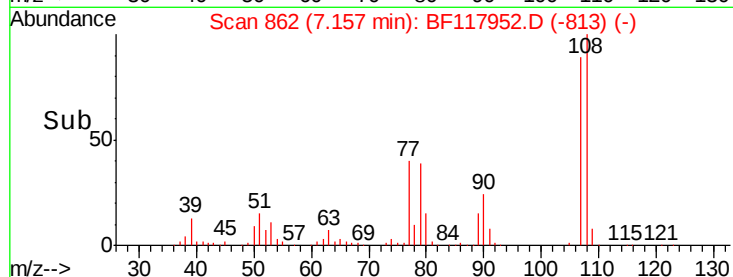
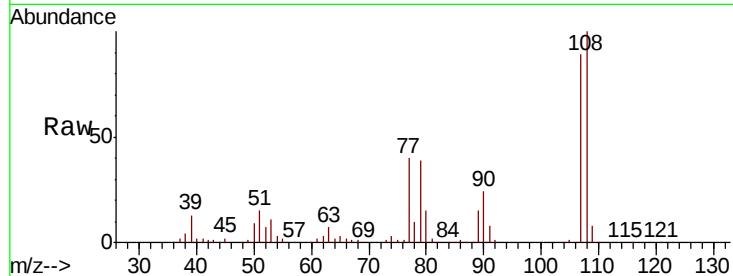
#17
2-Methylphenol
Concen: 49.749 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.2	89.1	133.7	
77	45.4	36.6	54.8	
79	44.3	35.2	52.8	

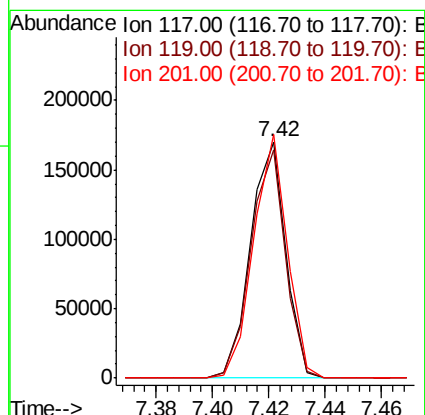
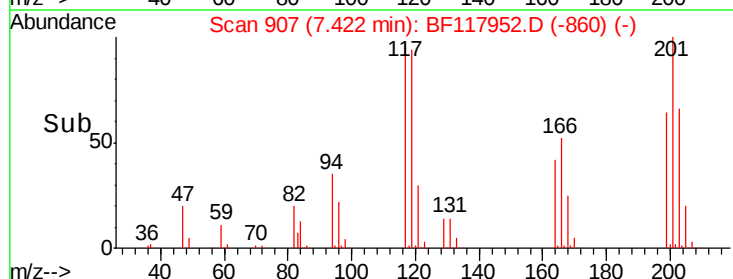
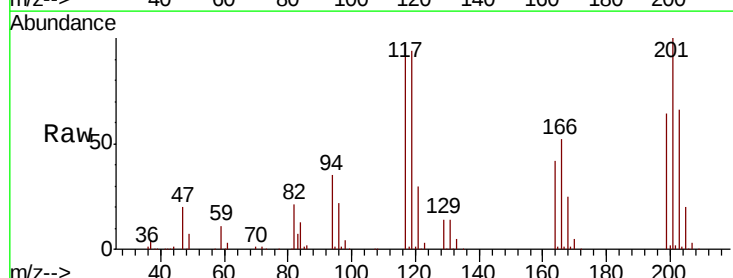
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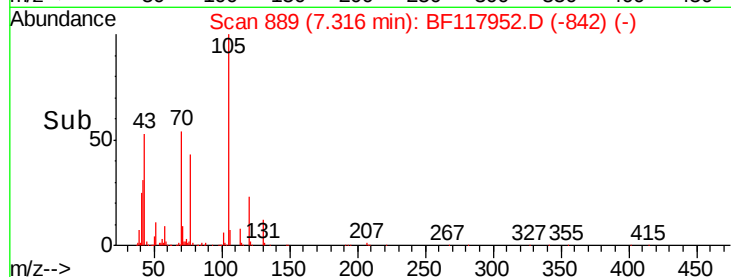
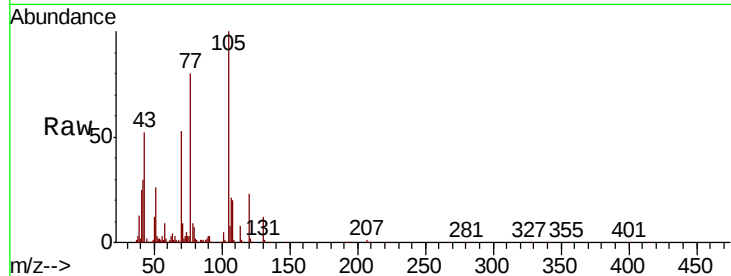
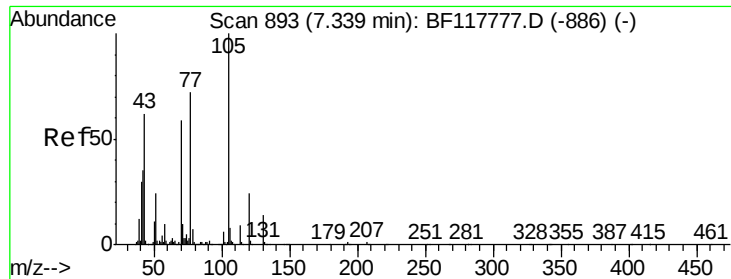
mohammad
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#18
Hexachloroethane
Concen: 46.748 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.0	78.7	118.1	
201	103.2	86.5	129.7	





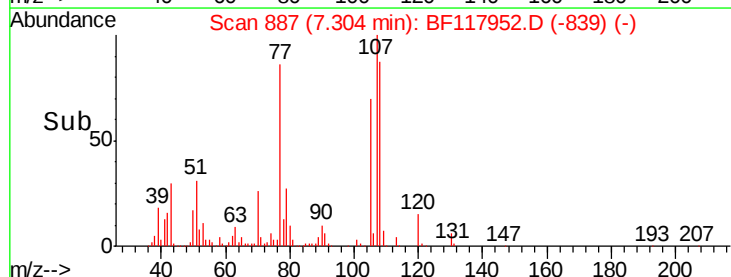
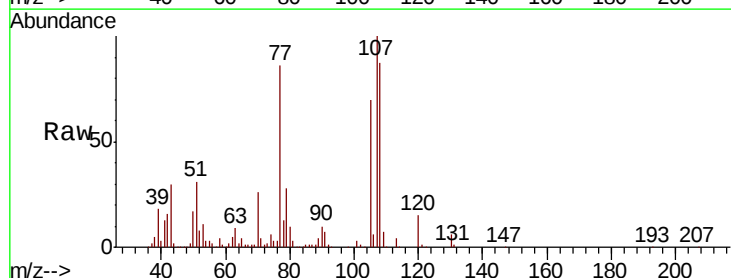
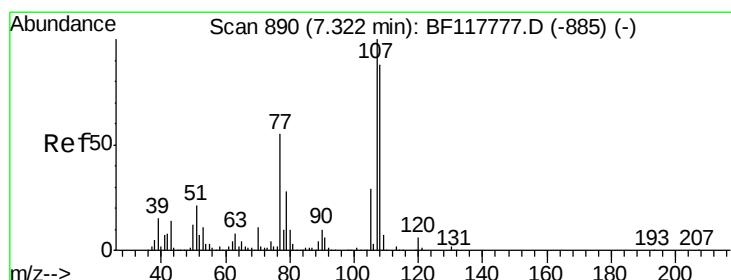
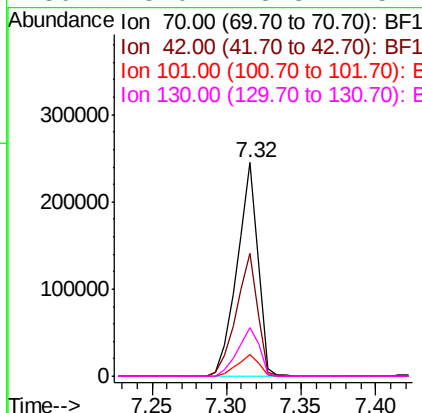
#19
n-Nitroso-di-n-propylamine
Concen: 48.873 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.3	47.4	71.2	
101	10.3	8.4	12.6	
130	23.0	18.8	28.2	

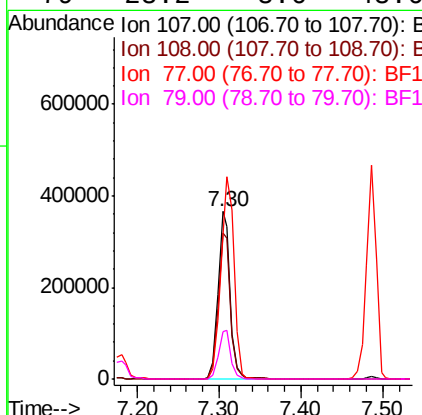
Manual Integrations
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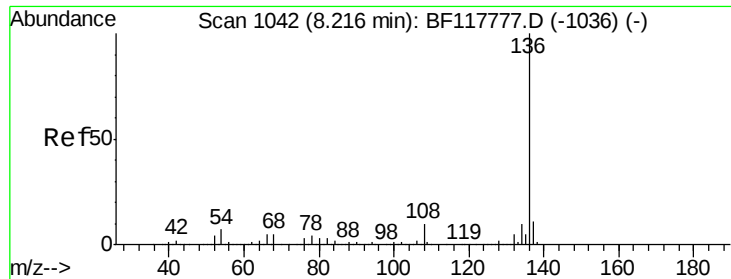
mohammad
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#20
3+4-Methylphenols
Concen: 50.276 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.3	68.4	108.4	
77	86.4	35.2	75.2#	
79	28.2	8.6	48.6	





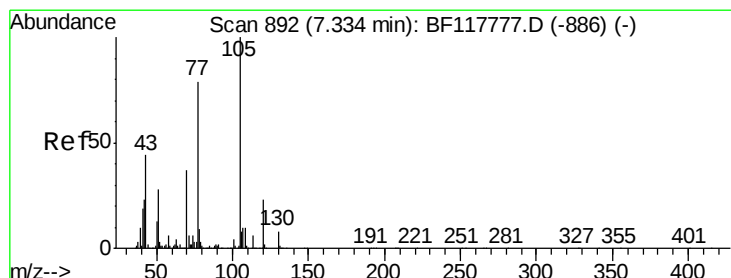
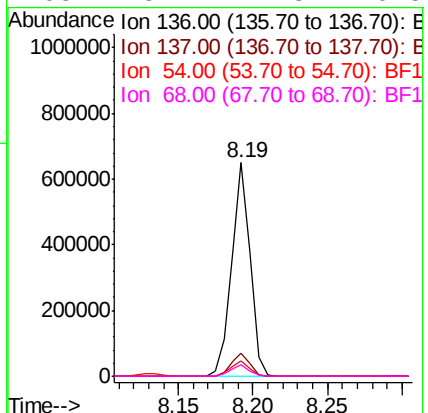
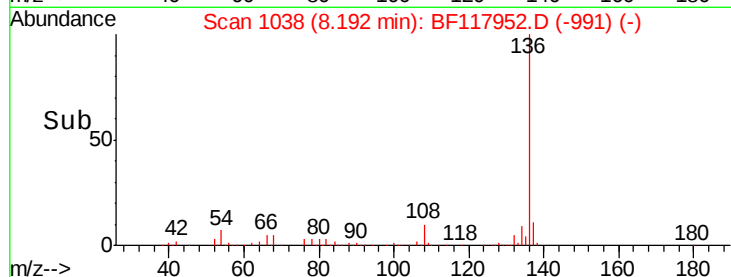
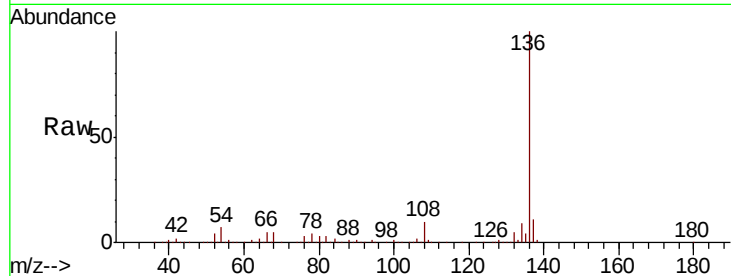
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	9.0	13.4	
54	7.1	5.4	8.2	
68	5.4	4.3	6.5	

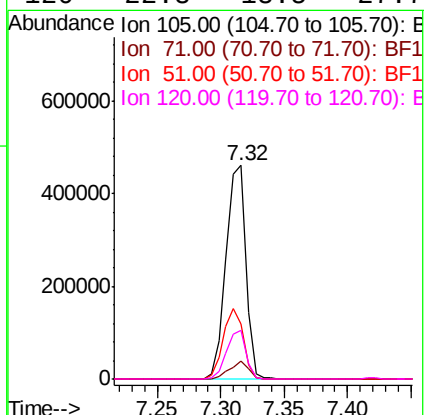
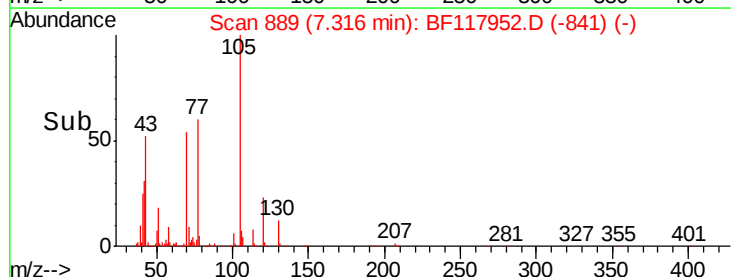
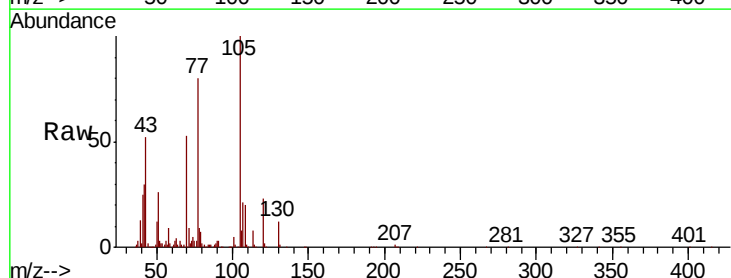
Manual Integrations
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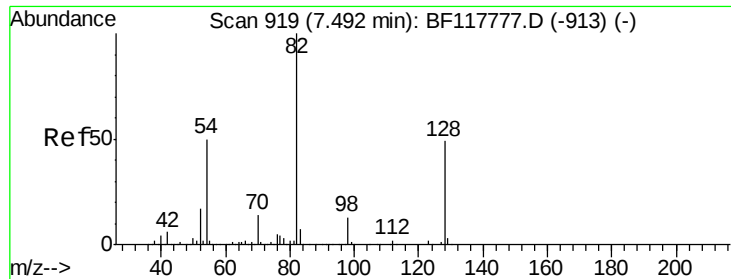
mohammad
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#22
Acetophenone
Concen: 38.844 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	4.9	7.3#	
51	25.9	22.7	34.1	
120	22.8	18.5	27.7	





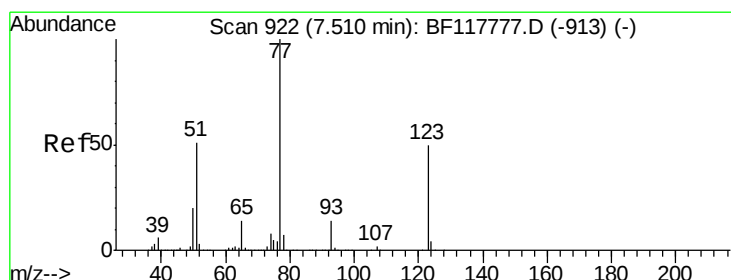
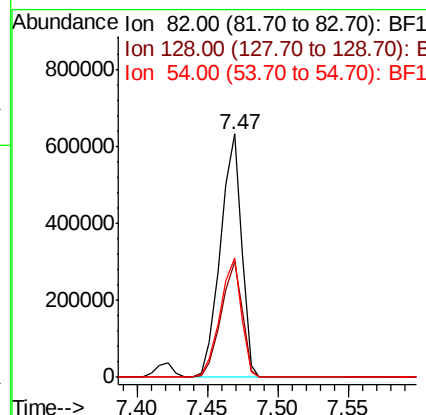
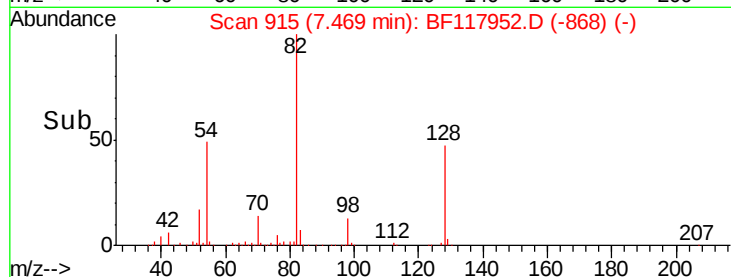
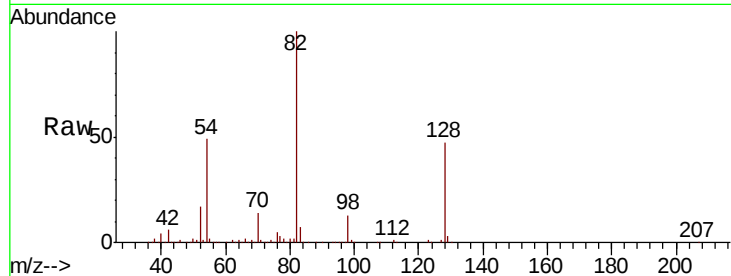
#23
Nitrobenzene-d5
Concen: 68.510 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.9	58.3
54	48.8	39.8	59.6

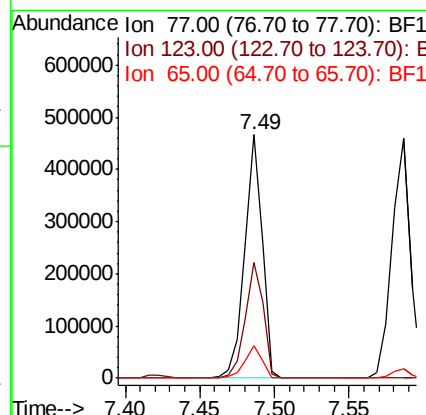
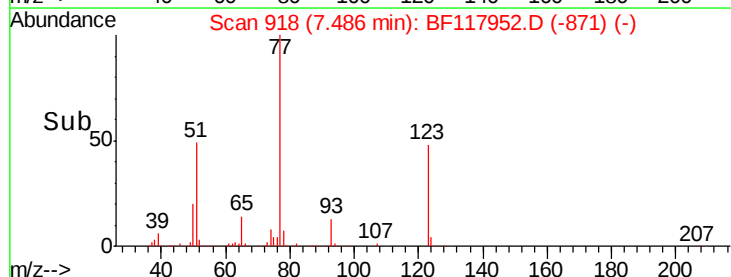
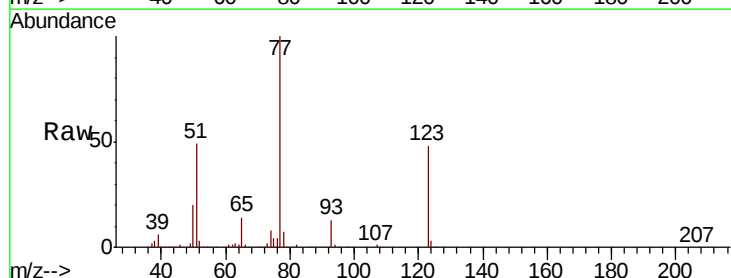
Manual Integrations
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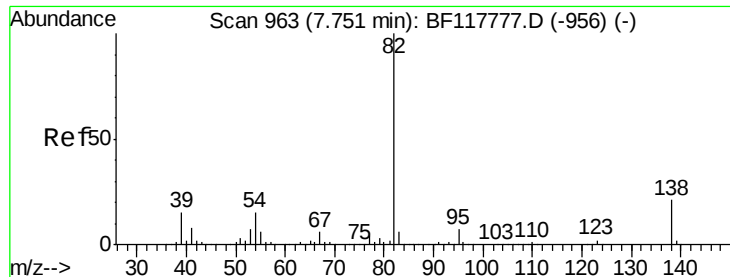
mohammad
11/25/2019 2:32:01 PM



#24
Nitrobenzene
Concen: 38.782 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	40.3	60.5
65	13.6	10.9	16.3





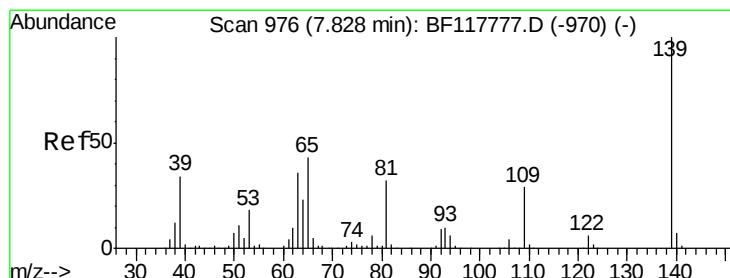
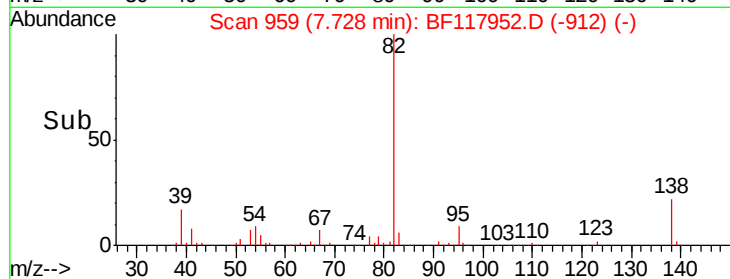
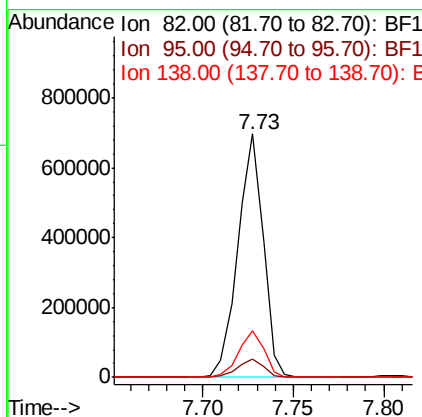
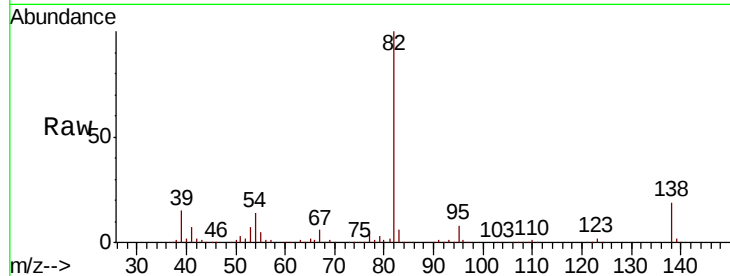
#25
Isophorone
Concen: 38.544 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	679627		
95	7.5		5.8	8.8
138	19.2		16.5	24.7

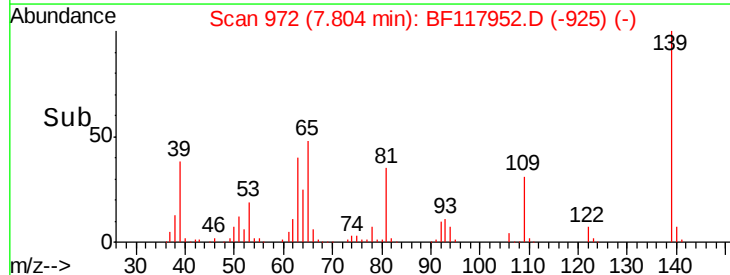
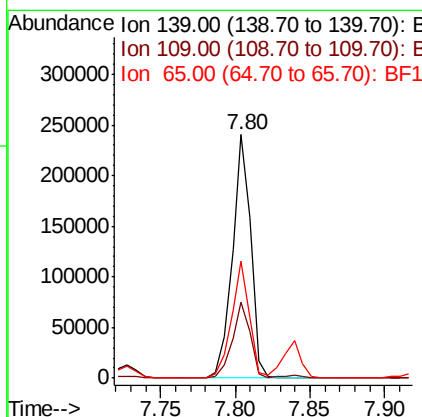
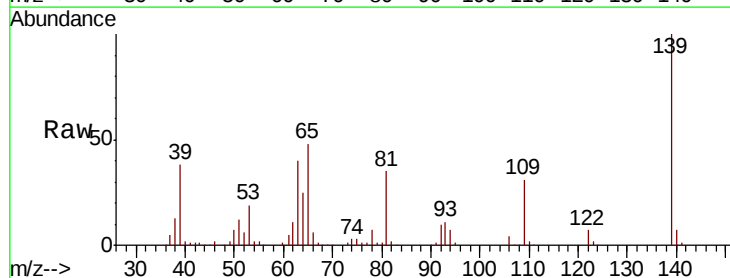
Manual Integrations
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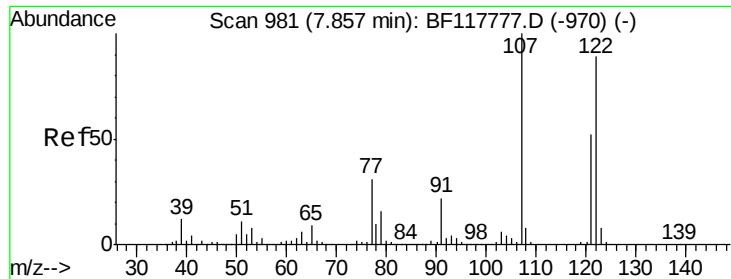
mohammad
11/25/2019 2:32:01 PM



#26
2-Nitrophenol
Concen: 43.614 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	210682		
109	31.3		23.0	34.4
65	47.8		34.7	52.1





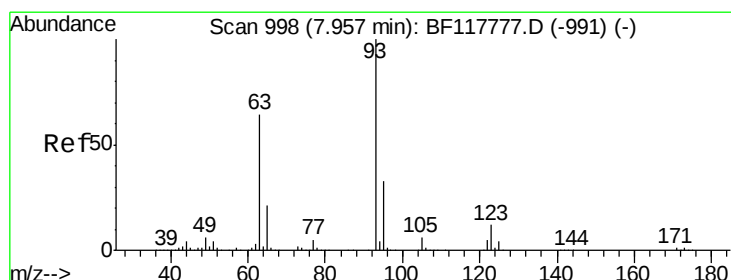
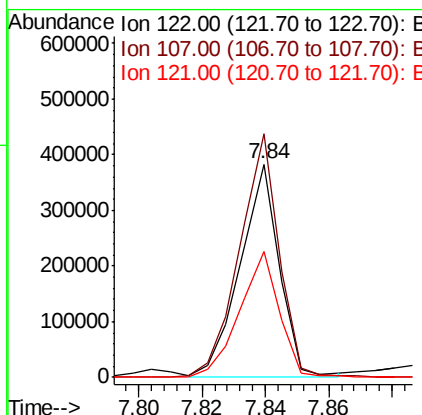
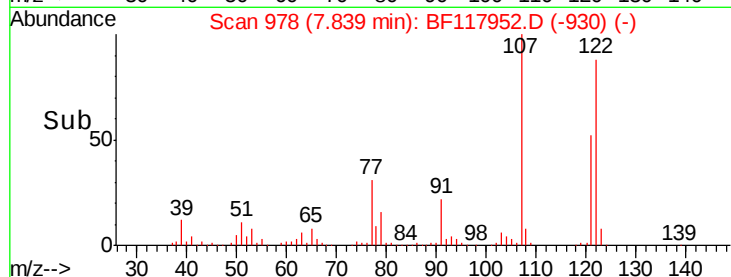
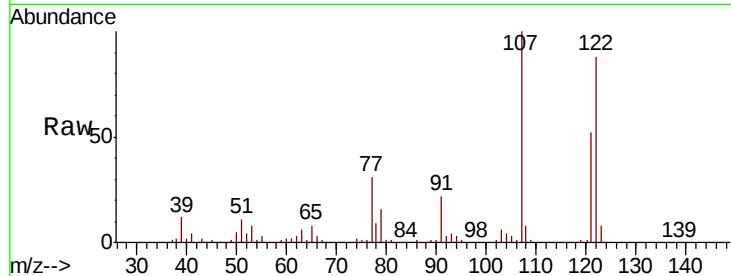
#27
2,4-Dimethylphenol
Concen: 44.057 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	330701		
107	114.3	90.0	135.0	
121	59.1	46.7	70.1	

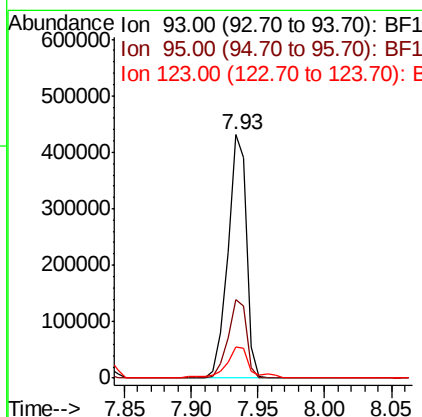
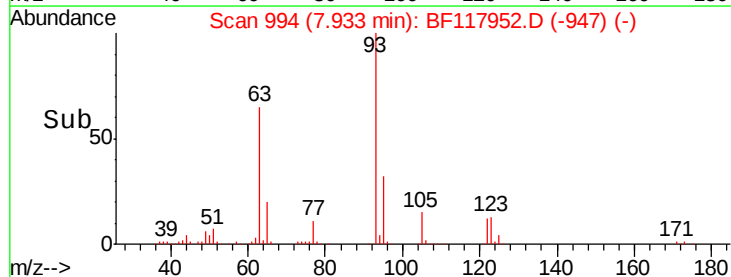
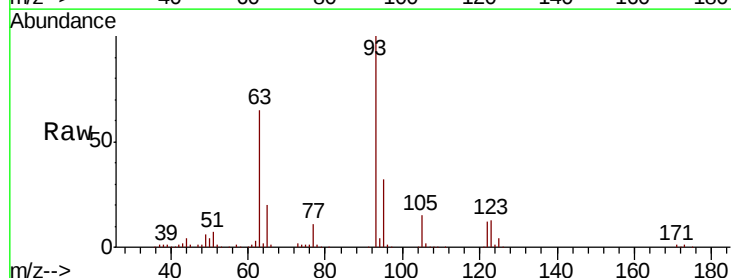
Manual Integrations
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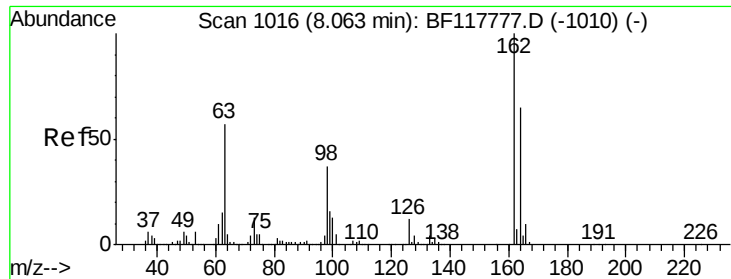
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.934 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	424456		
95	32.5	26.6	40.0	
123	12.6	10.3	15.5	





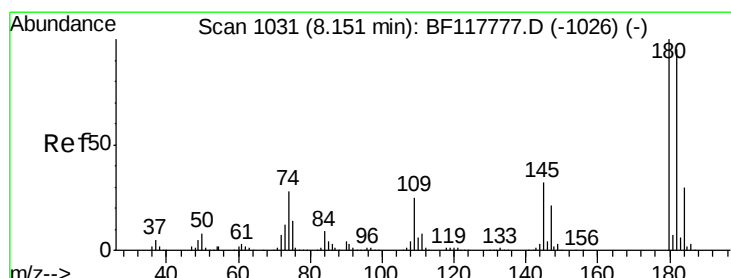
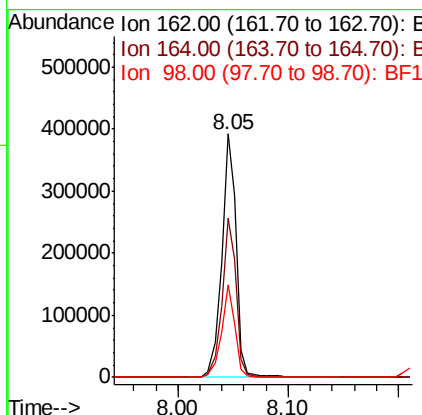
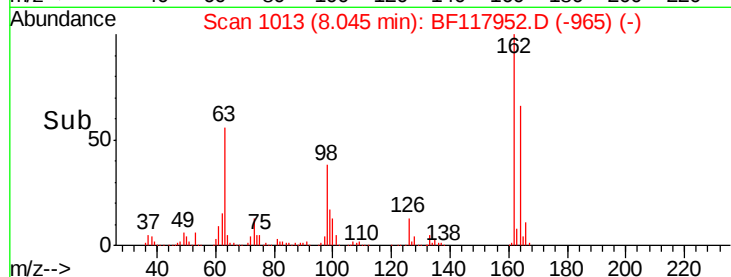
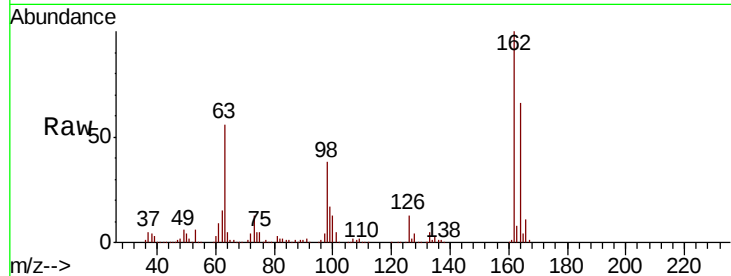
#29
2,4-Dichlorophenol
Concen: 43.638 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	355308		
164	65.6	45.1	85.1	
98	38.0	17.2	57.2	

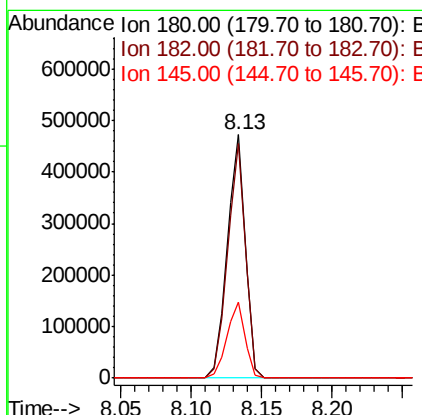
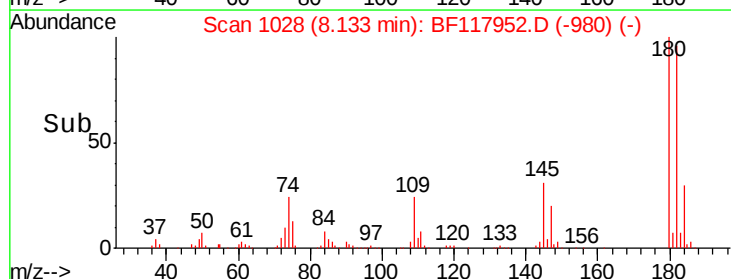
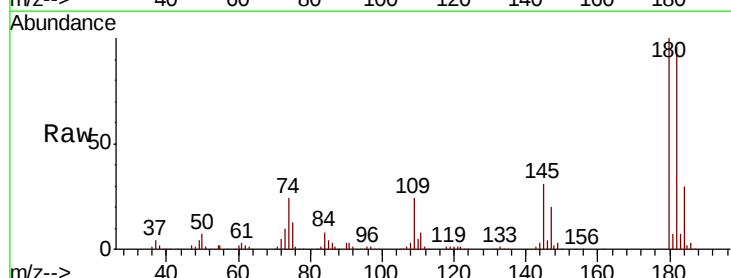
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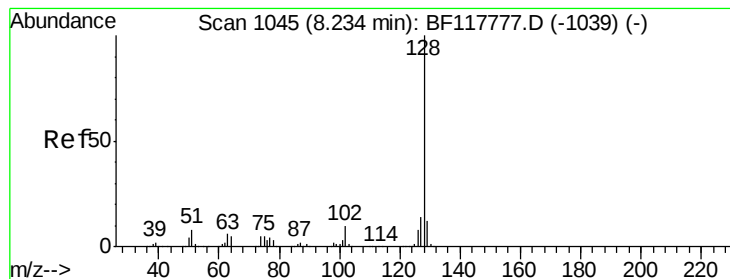
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.281 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	418205		
182	96.3	75.8	113.6	
145	31.2	25.5	38.3	





#31

Naphthalene

Concen: 47.497 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

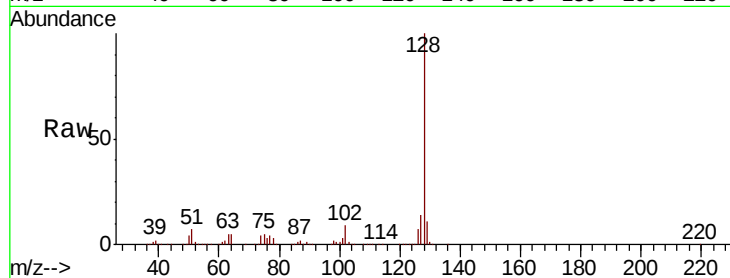
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.7	11.3	16.9

Manual Integrations
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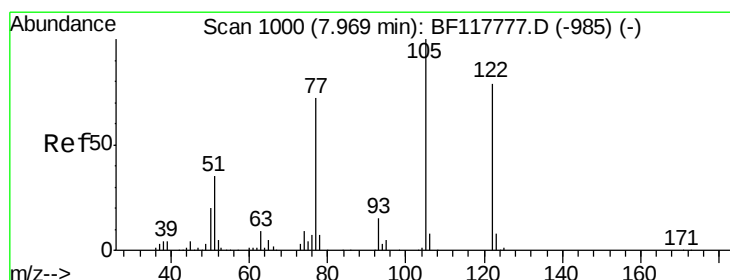
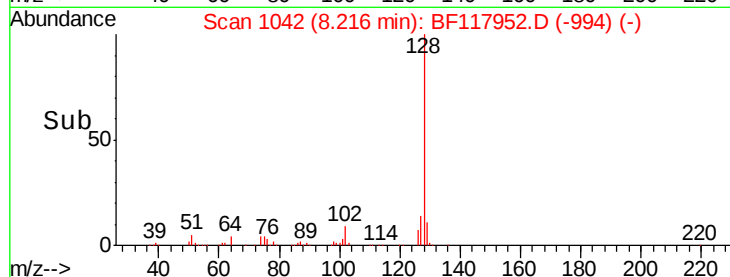
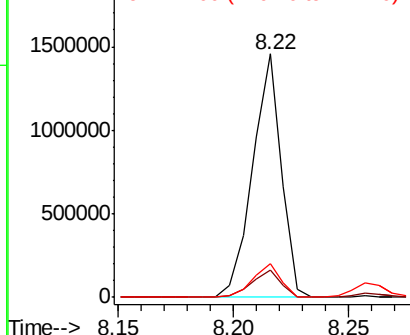


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.526 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

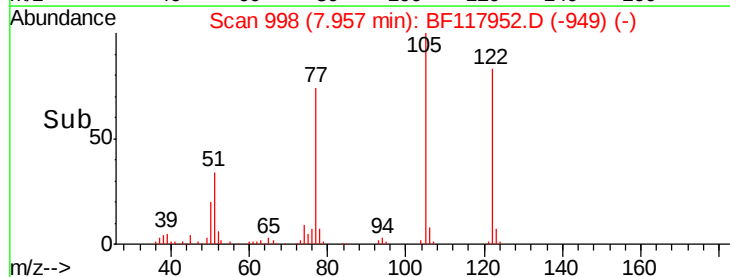
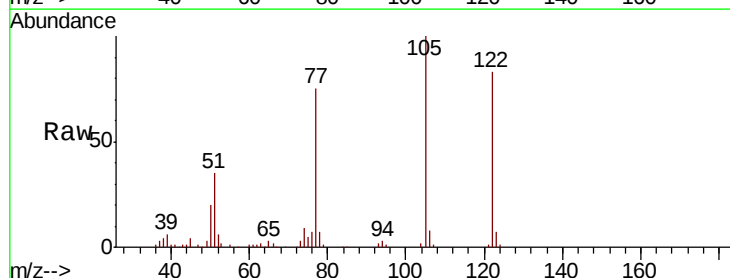
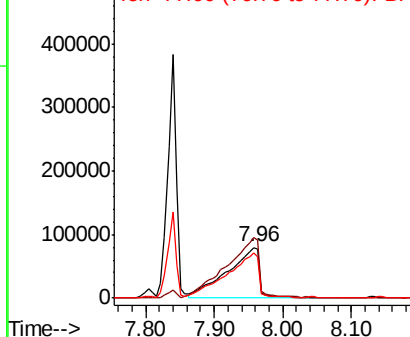
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	102.7	142.7
77	90.3	70.5	110.5

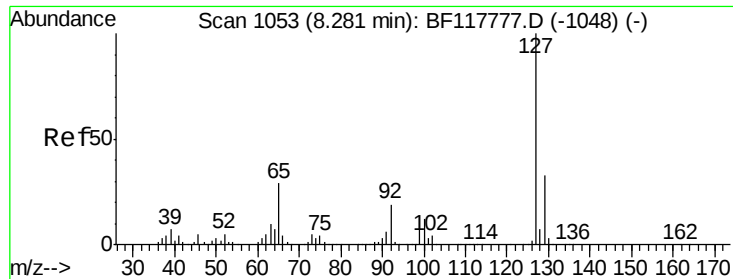
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





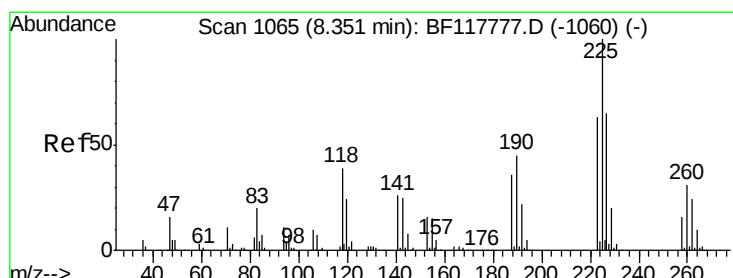
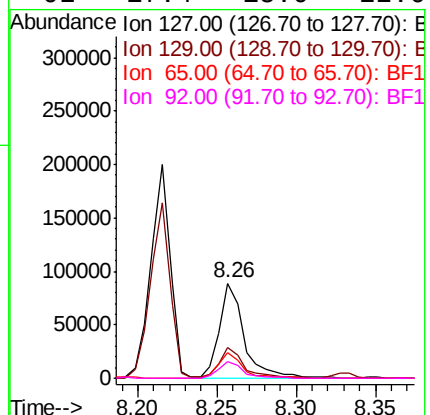
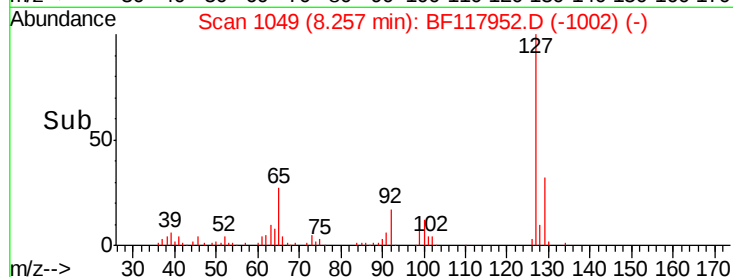
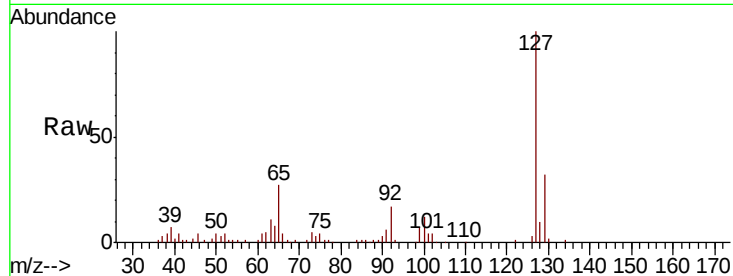
#33
4-Chloroaniline
Concen: 7.995 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.5	39.7		
65	27.4	22.9	34.3		
92	17.4	15.0	22.6		

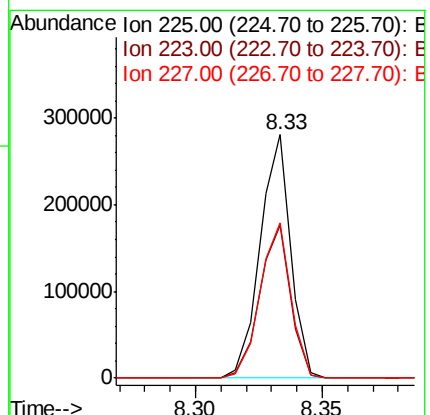
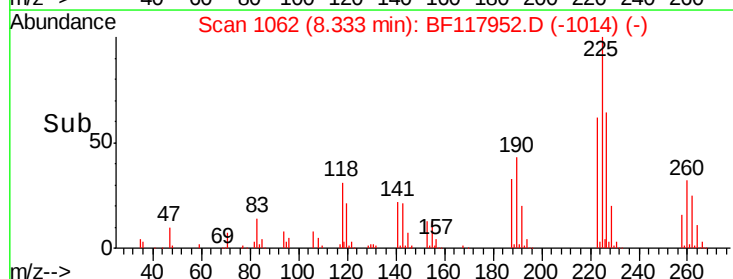
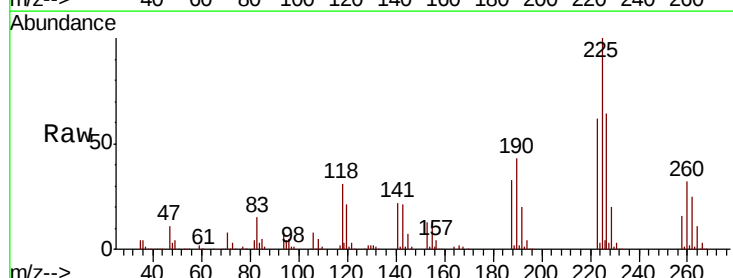
Manual Integrations
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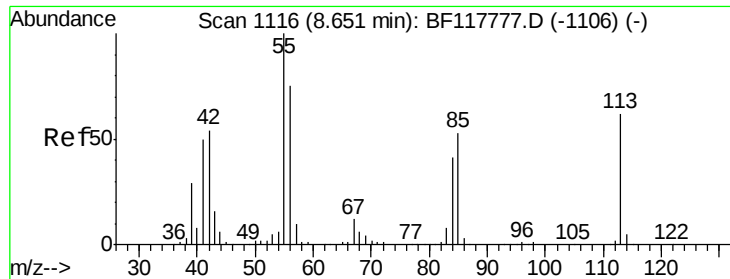
mohammad
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#34
Hexachlorobutadiene
Concen: 42.565 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	50.0	75.0		
227	63.8	51.8	77.6		





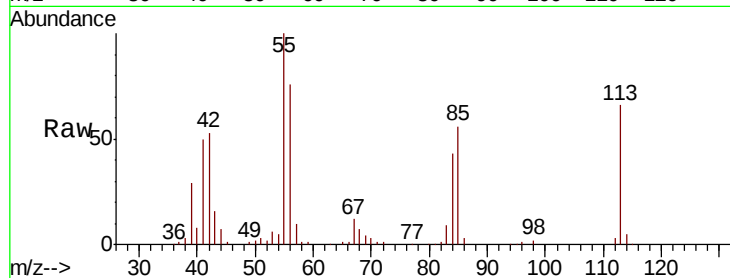
#35
Caprolactam
Concen: 50.389 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.4	141.1	181.1
56	114.2	100.5	140.5

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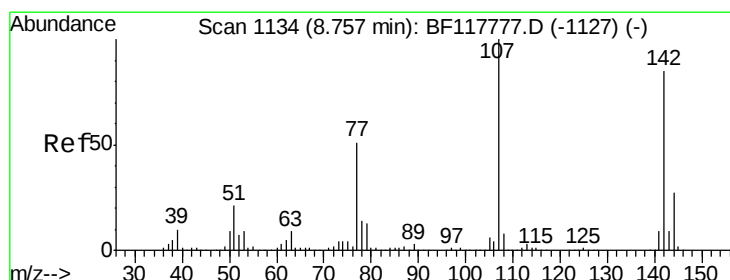
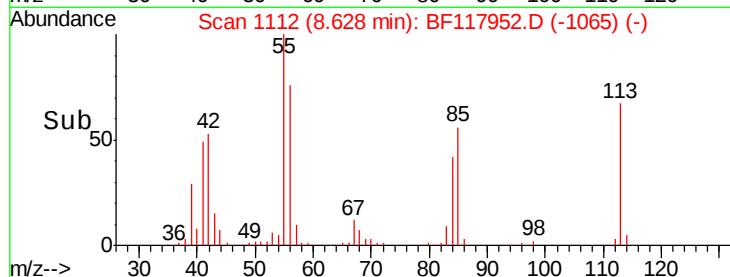
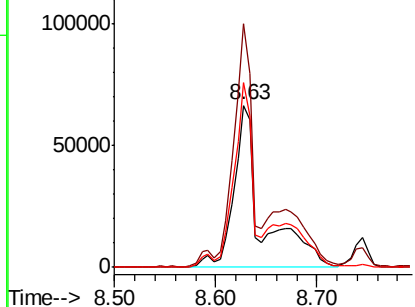


Abundance

Ion 113.00 (112.70 to 113.70): E

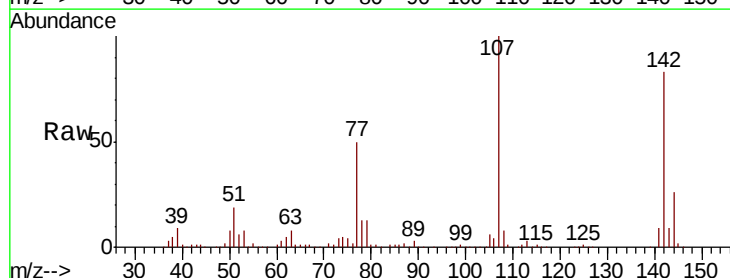
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 48.204 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.9	32.9
142	83.0	67.7	101.5

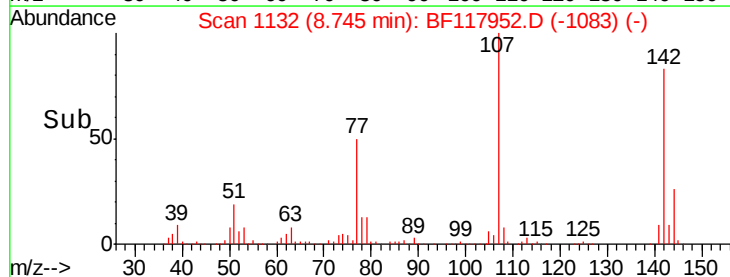
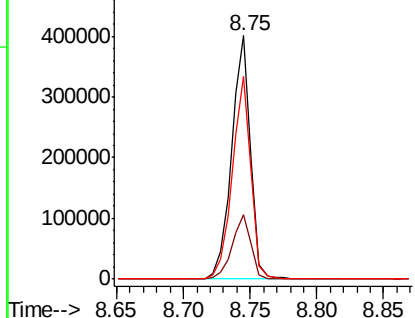


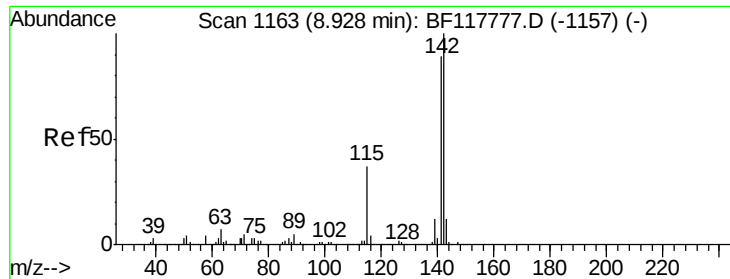
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





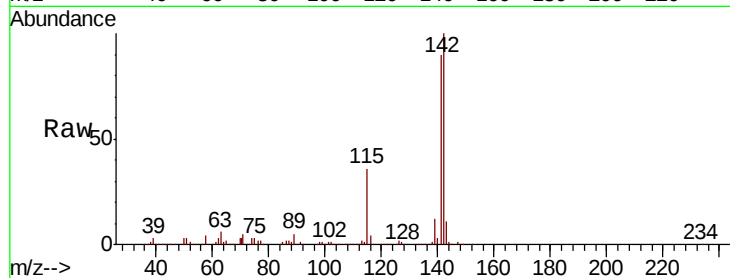
#37
2-Methylnaphthalene
Concen: 49.075 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.1	106.7
115	36.0	29.2	43.8

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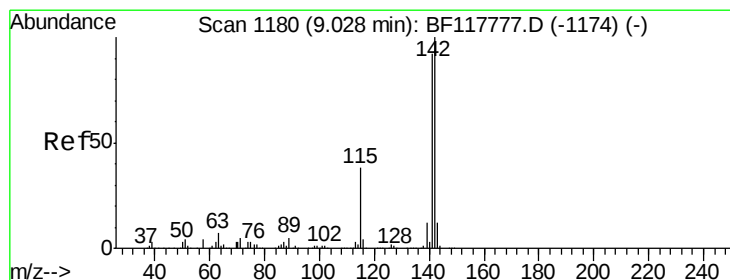
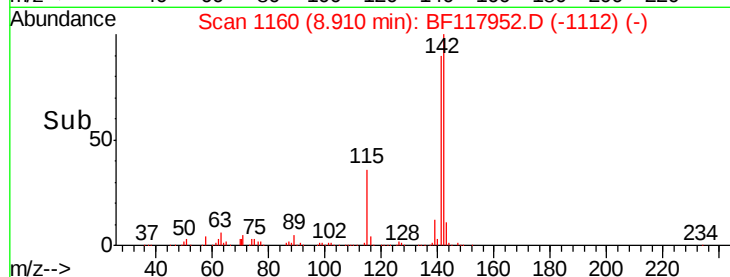
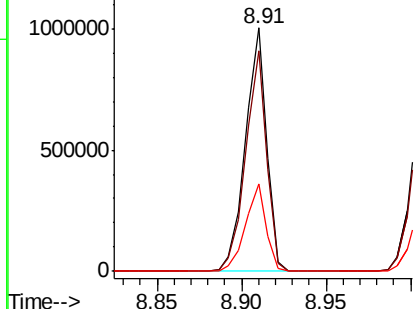


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.716 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

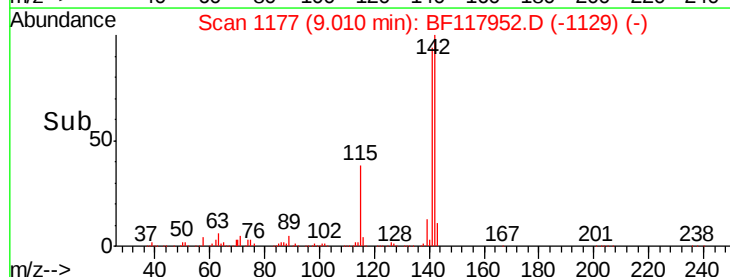
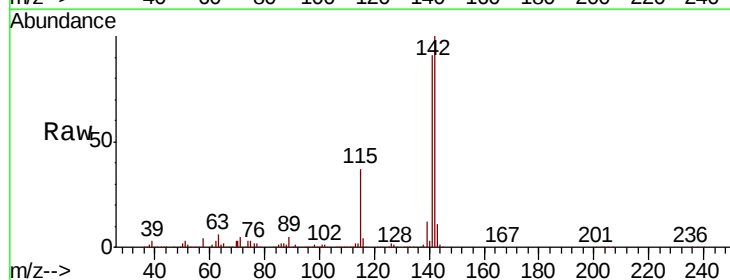
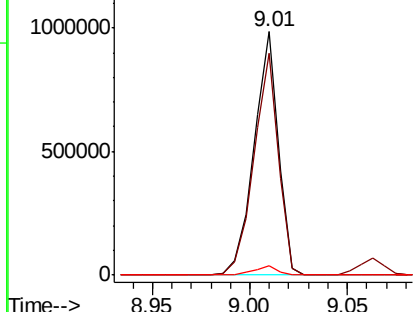
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	73.5	110.3
116	3.7	3.2	4.8

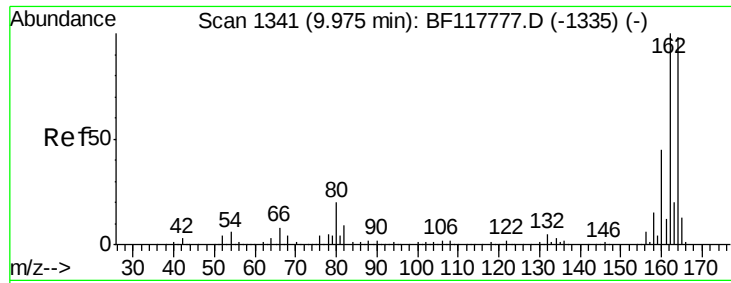
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





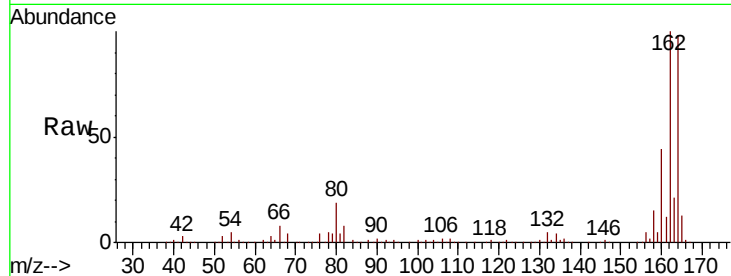
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	300875		
162	101.8	81.3	121.9	
160	45.1	36.6	55.0	

Manual Integrations
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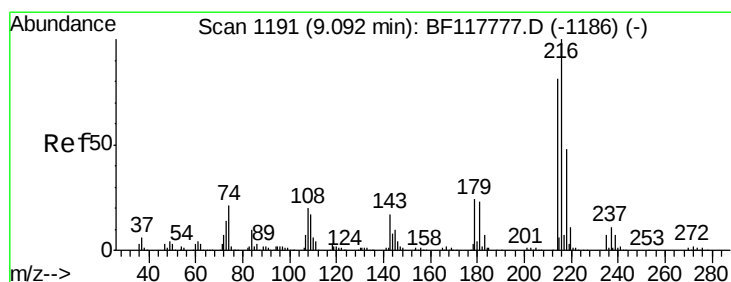
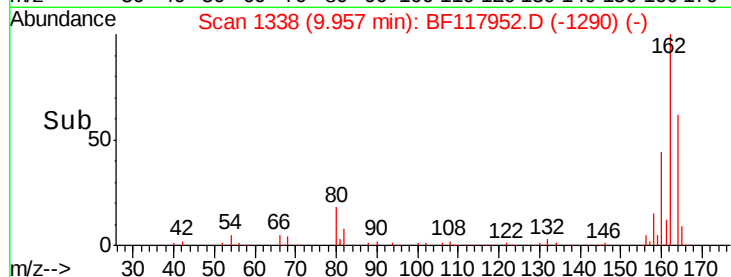
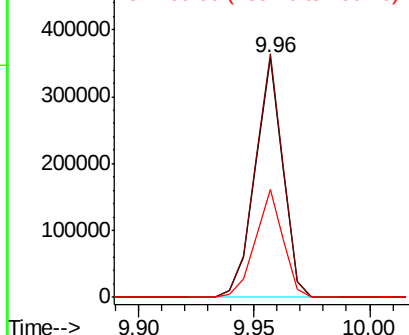


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.436 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	397011		
214	79.0	63.4	95.0	
179	22.6	18.2	27.4	
108	21.6	16.0	24.0	

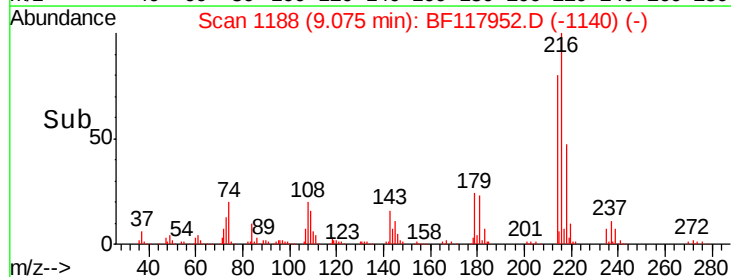
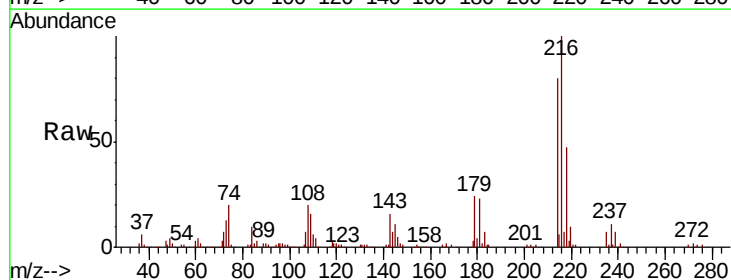
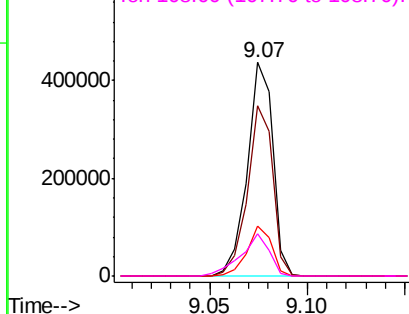
Abundance

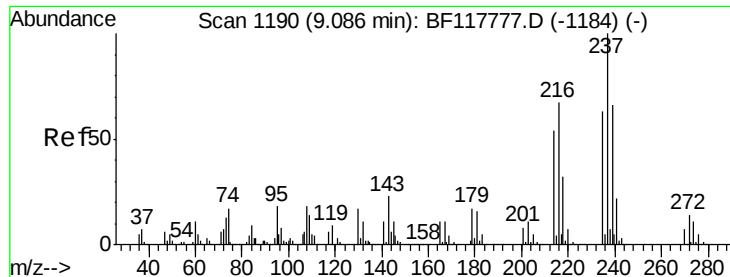
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 103.651 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

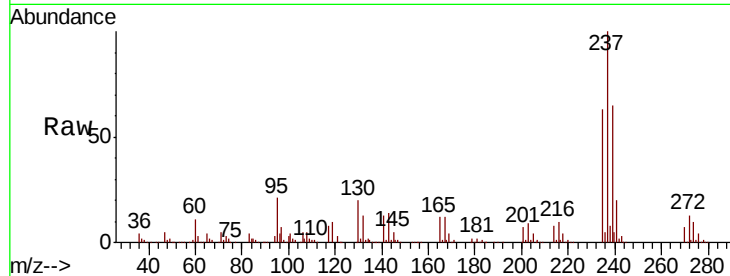
ClientSampleId :

CARRIAGE-COURTMS

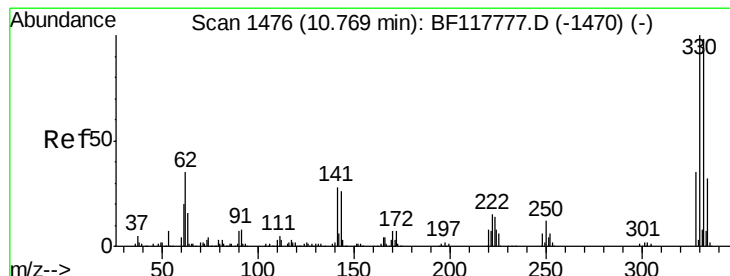
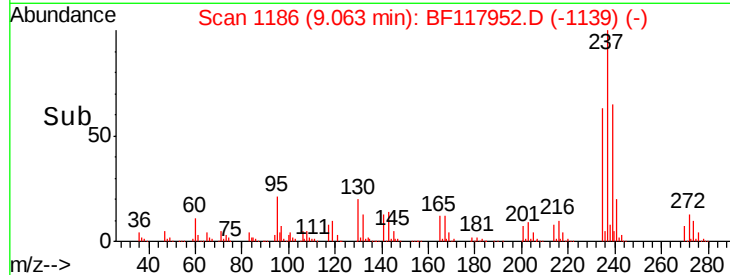
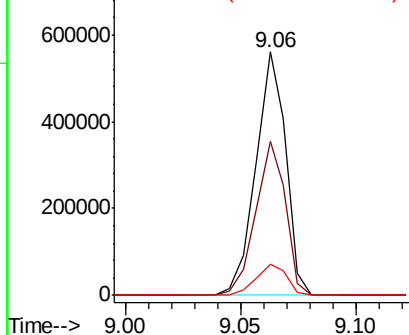
Tot Ion:	237	Resp:	507541
Ion Ratio	Lower	Upper	
237	100		
235	63.0	42.6	82.6
272	12.8	0.0	34.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 128.627 ng

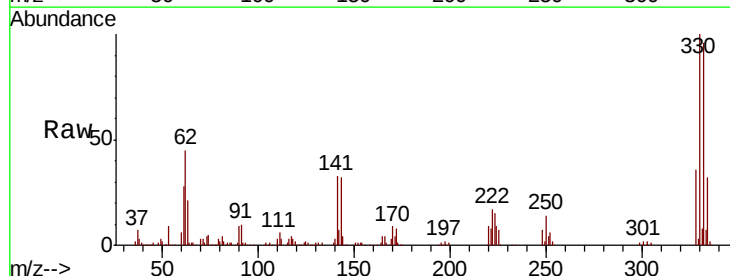
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

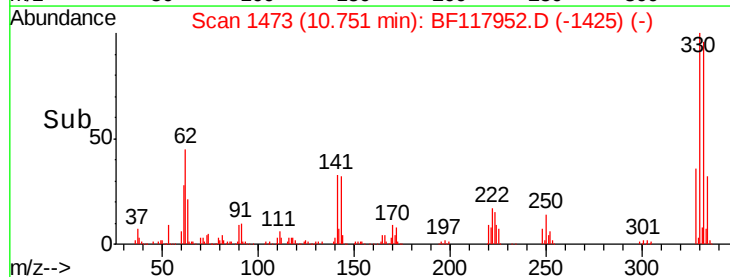
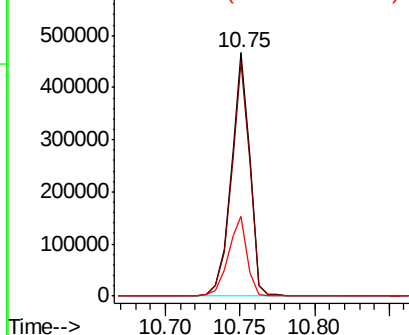
Lab File: BF117952.D

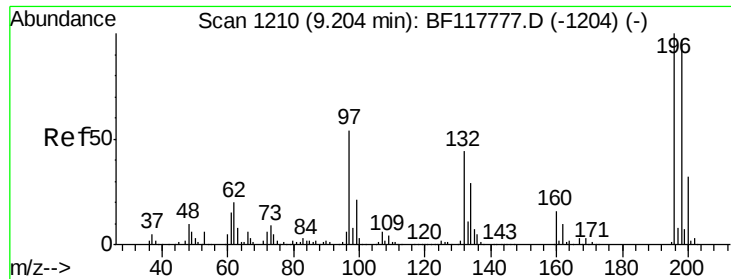
Acq: 23 Nov 2019 13:20

Tgt Ion:	330	Resp:	409719
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.7	115.1
141	33.2	27.7	41.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





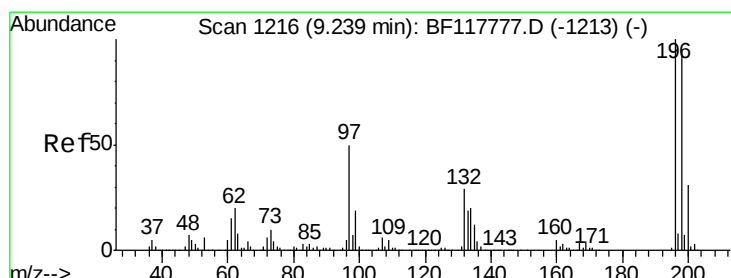
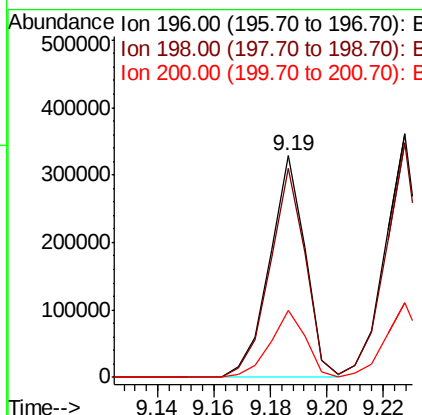
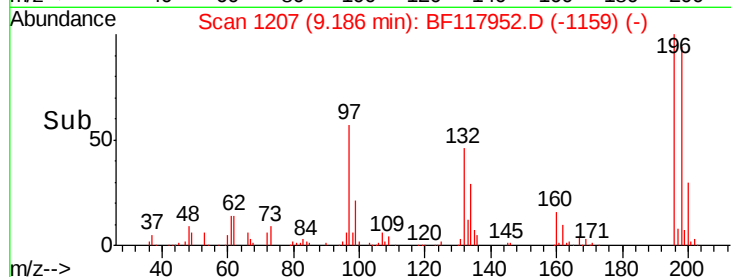
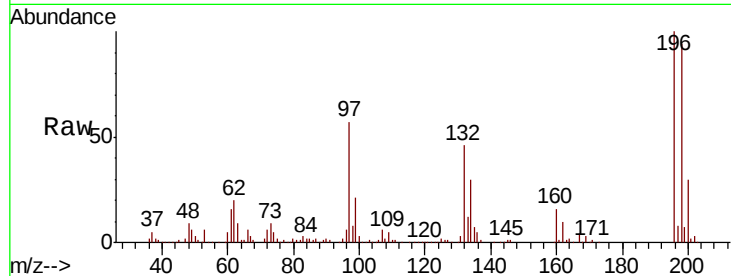
#43
 2,4,6-Trichlorophenol
 Concen: 46.084 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	288417		
198	94.3	77.8	116.6	
200	30.1	25.4	38.0	

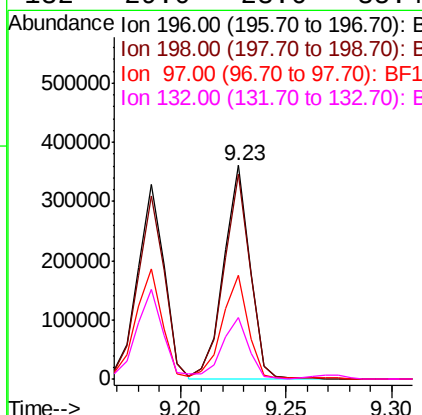
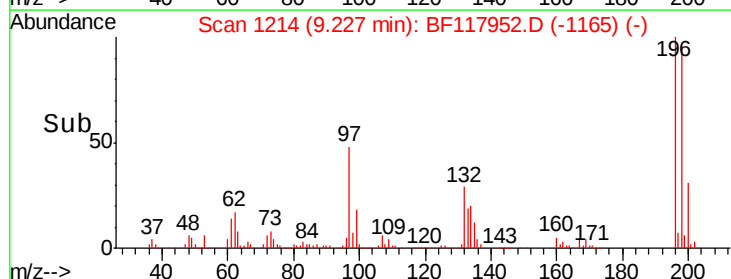
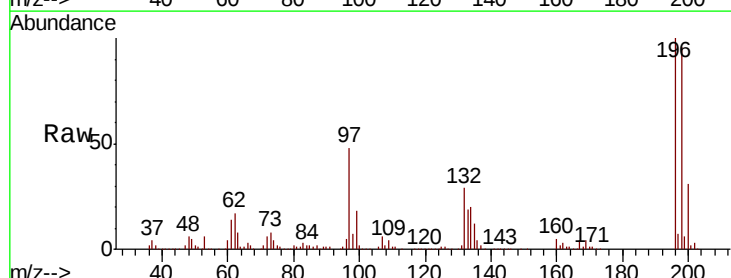
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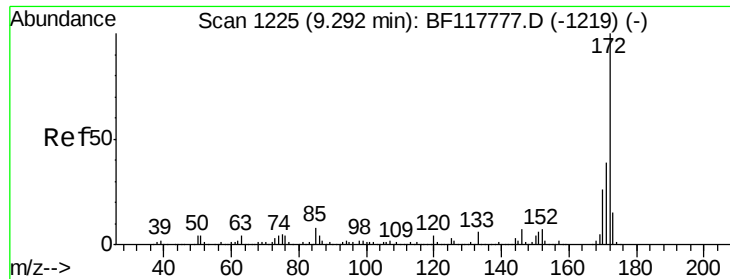
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#44
 2,4,5-Trichlorophenol
 Concen: 47.361 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	307755		
198	96.1	76.3	114.5	
97	48.3	40.0	60.0	
132	29.0	23.6	35.4	





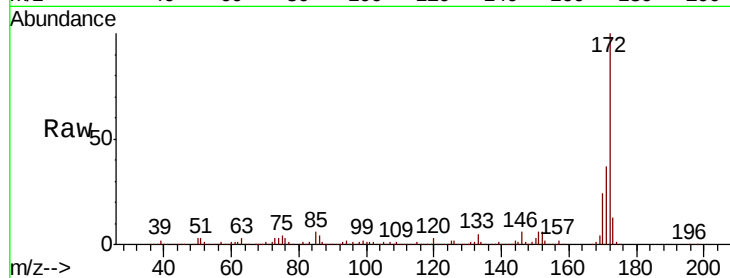
#45
2-Fluorobiphenyl
Concen: 84.792 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.9	46.3
170	24.4	21.0	31.4

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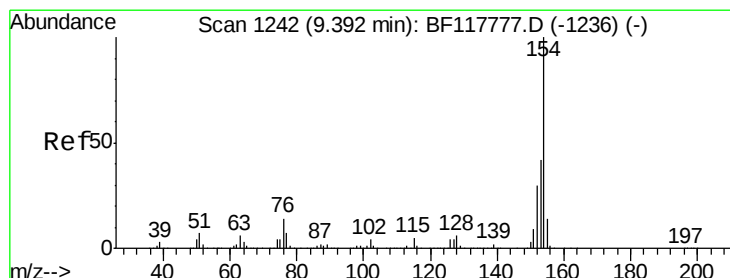
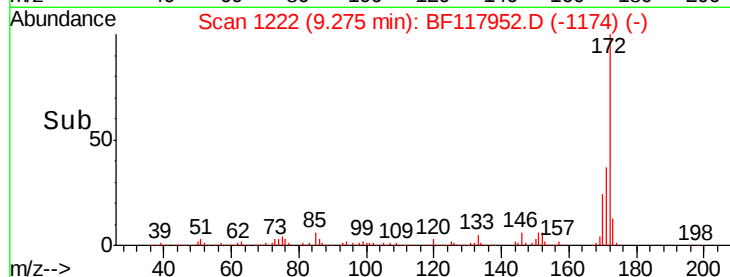
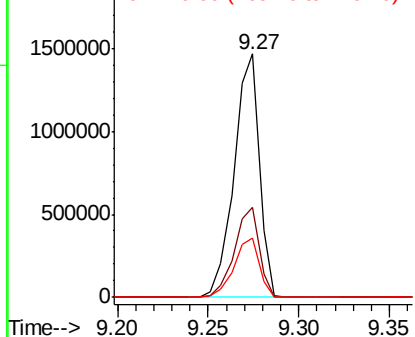


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 48.192 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

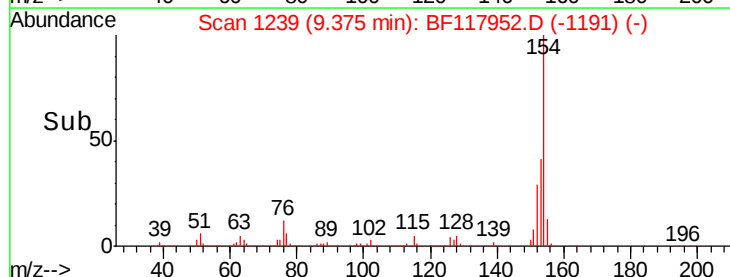
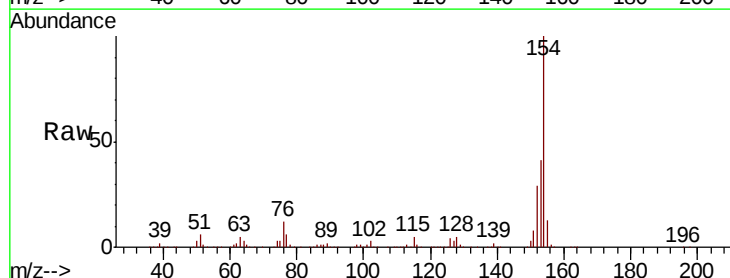
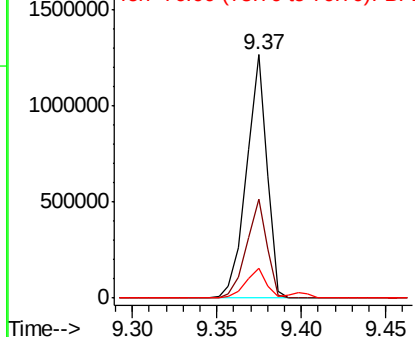
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.9	61.9
76	12.1	0.0	33.6

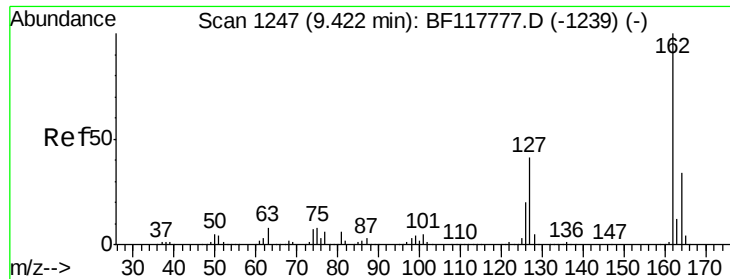
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





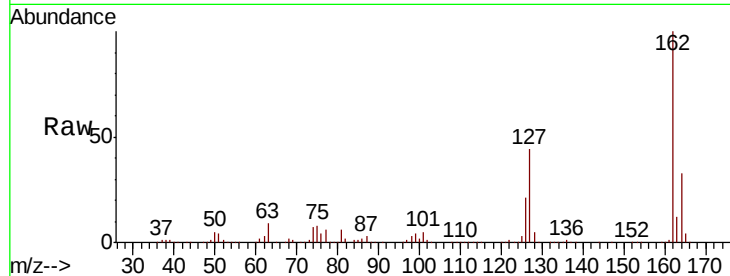
#47
2-Chloronaphthalene
Concen: 45.590 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

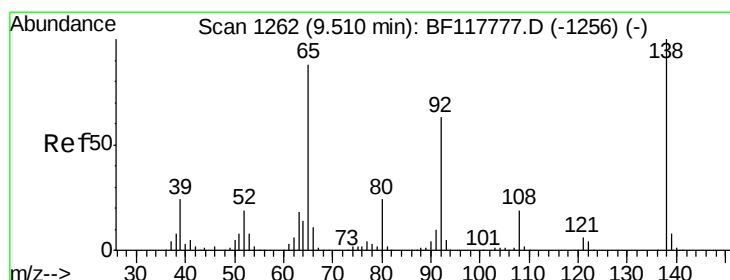
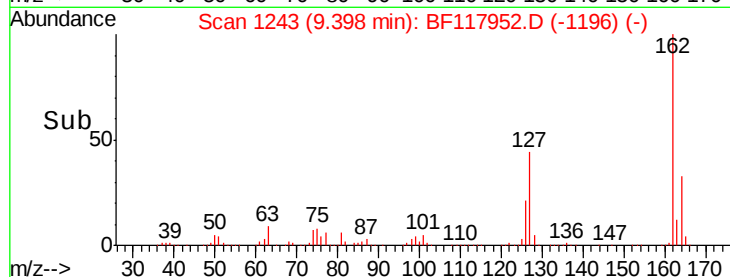
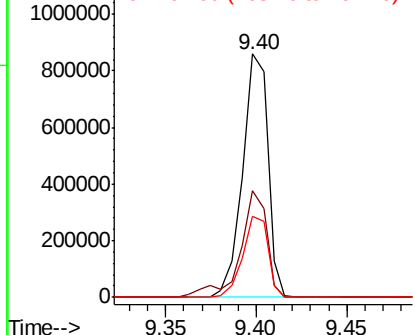
Tot Ion	Ratio	Resp	Lower	Upper
162	100	837180		
127	43.6	33.2	49.8	
164	33.3	27.3	40.9	

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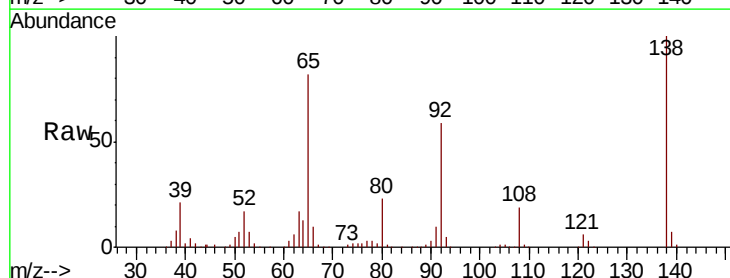


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

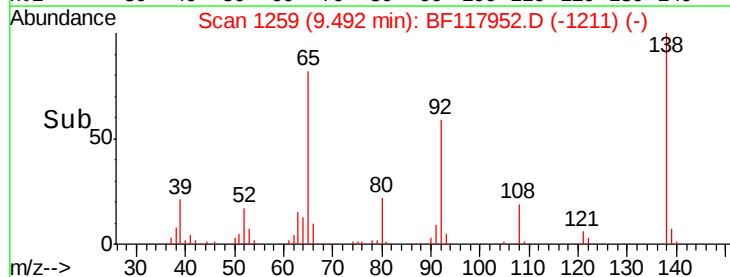
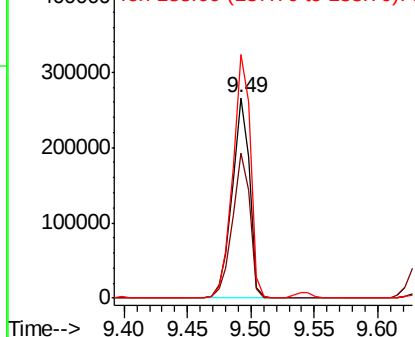


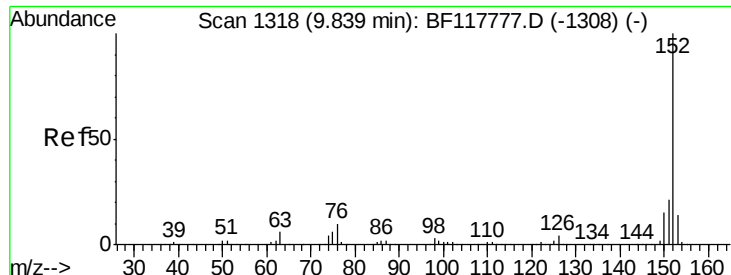
#48
2-Nitroaniline
Concen: 45.170 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	250420		
92	72.1	56.6	84.8	
138	121.3	90.5	135.7	



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 49.341 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:152 Resp: 1320990

Ion Ratio Lower Upper

152 100

151 20.4 17.0 25.6

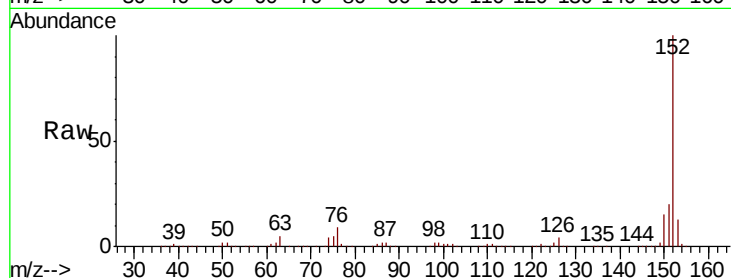
153 13.3 11.0 16.6

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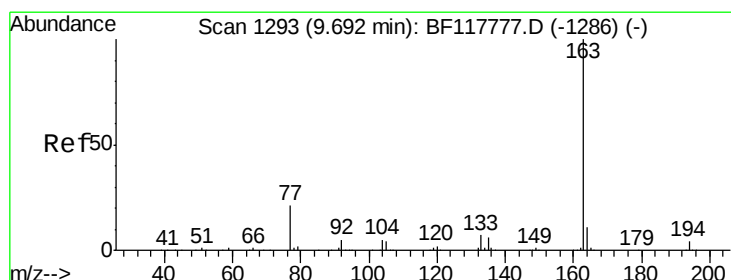
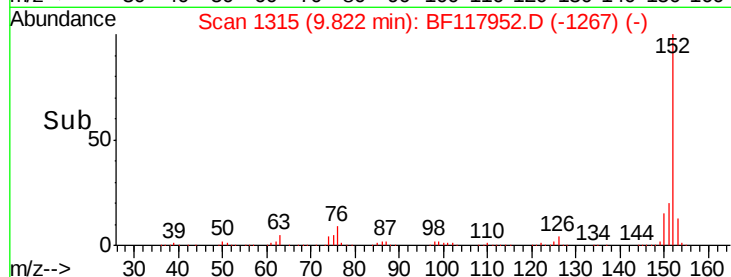
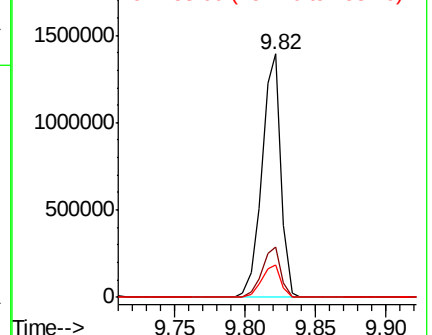
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 58.977 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

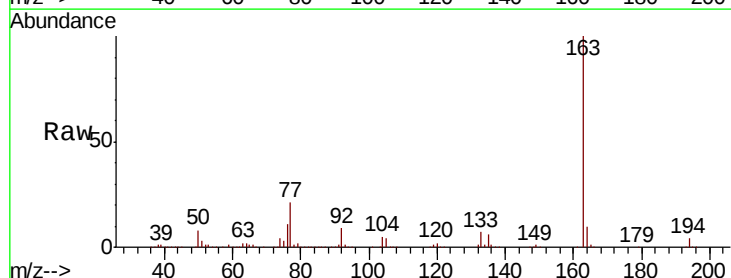
Tgt Ion:163 Resp: 1244329

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

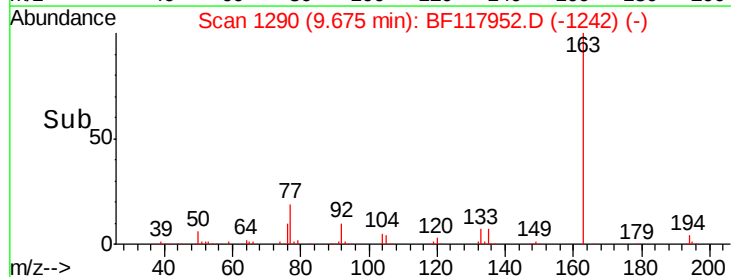
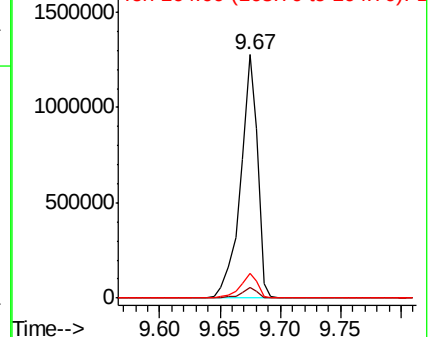
164 10.2 8.7 13.1

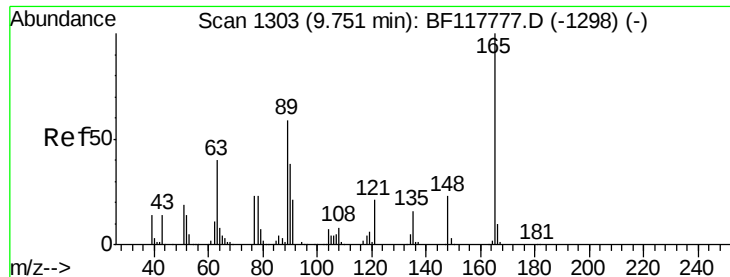


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.770 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:165 Resp: 229498
Ion Ratio Lower Upper

165 100

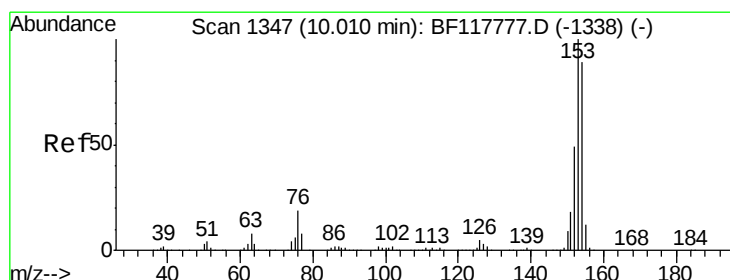
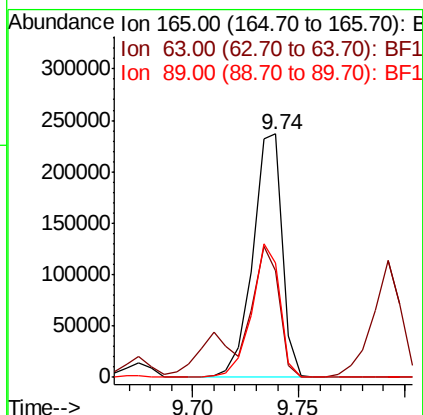
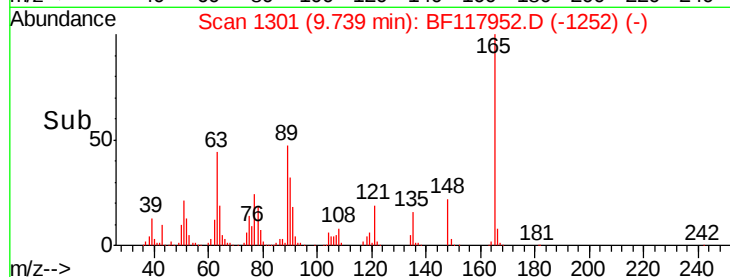
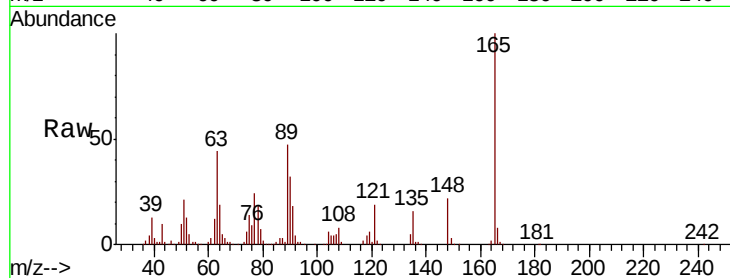
63 43.9 46.0 69.0#

89 47.1 47.7 71.5#

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#52

Acenaphthene

Concen: 52.802 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.02 min

Lab File: BF117952.D

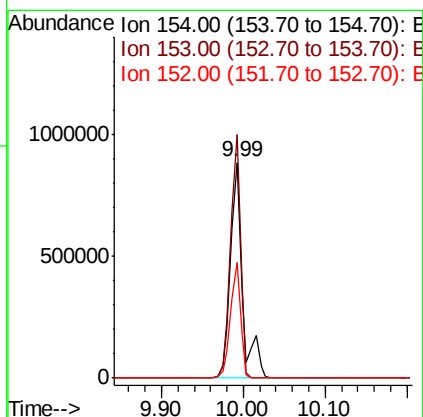
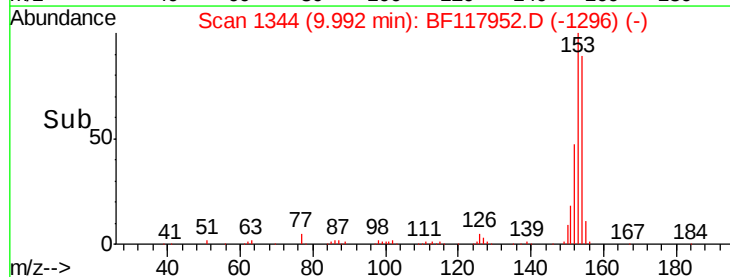
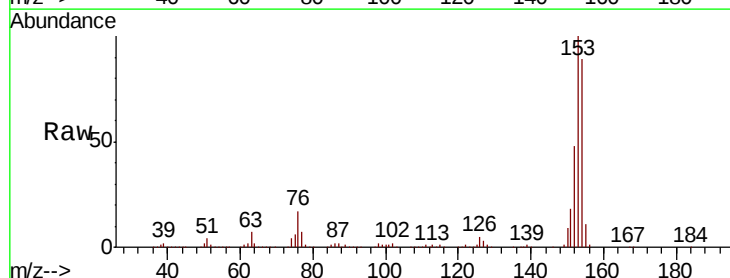
Acq: 23 Nov 2019 13:20

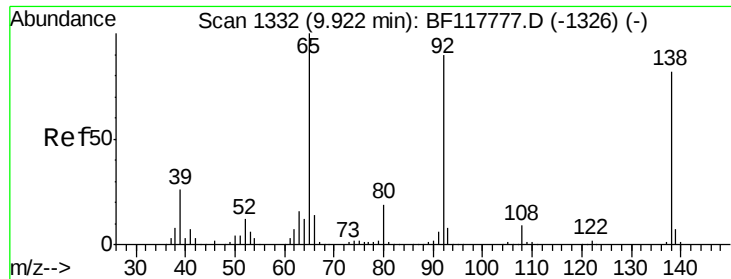
Tgt Ion:154 Resp: 905587
Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

152 53.7 44.0 66.0





#53

3-Nitroaniline

Concen: 15.822 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

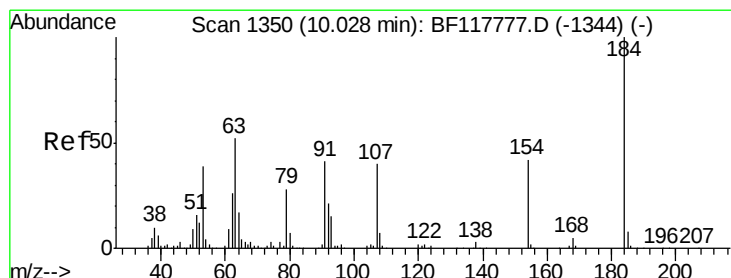
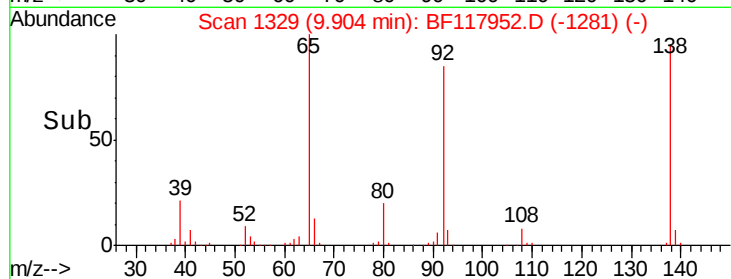
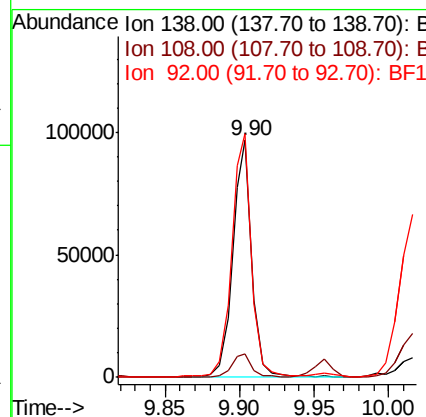
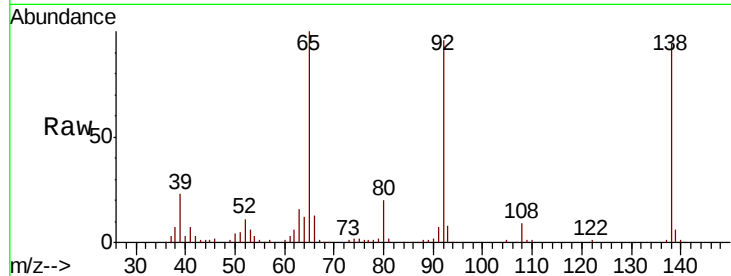
ClientSampleId :

CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.6	12.8
92	102.9	87.9	131.9

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#54

2,4-Dinitrophenol

Concen: 98.864 ng

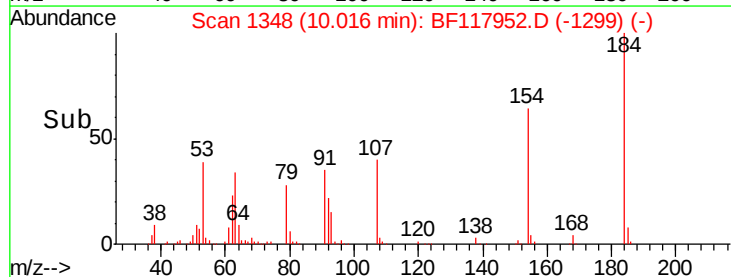
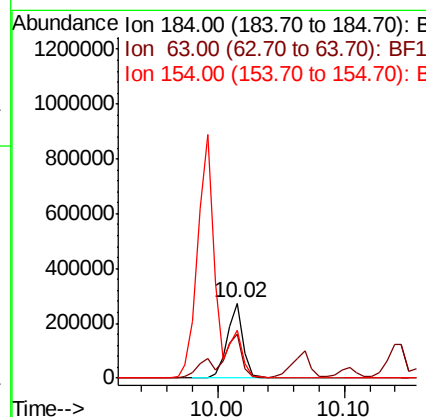
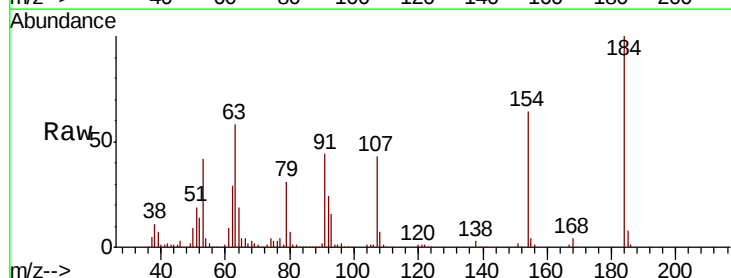
RT: 10.02 min Scan# 1348

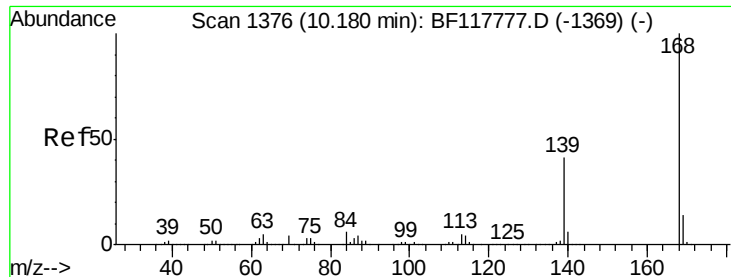
Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	43.0	64.6
154	63.8	48.0	72.0





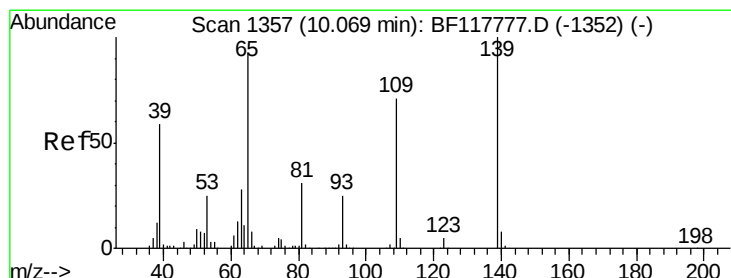
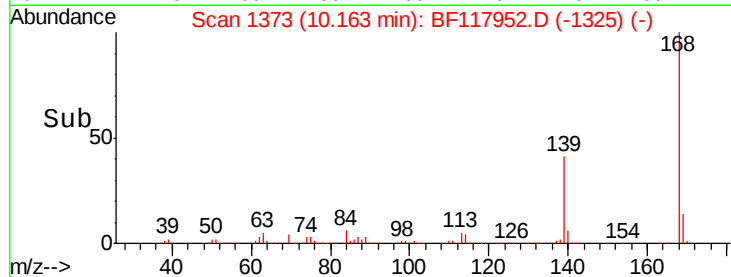
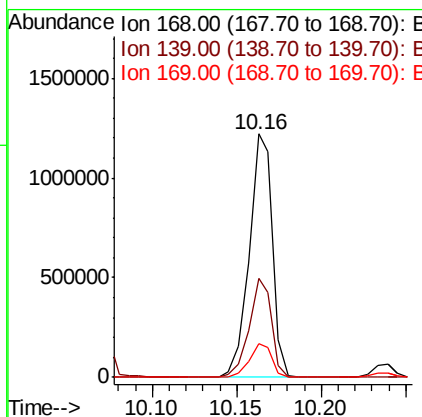
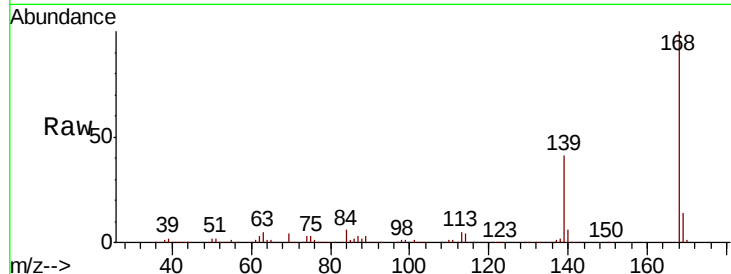
#55
Dibenzenofuran
Concen: 49.207 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.8	11.5	17.3

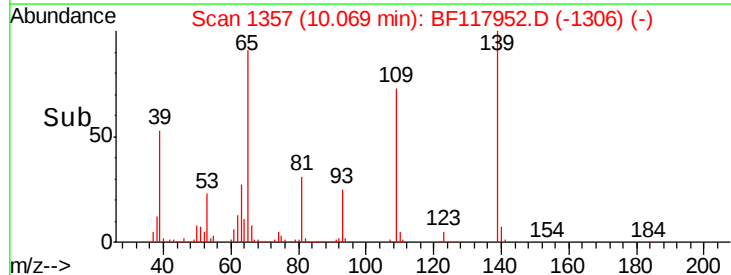
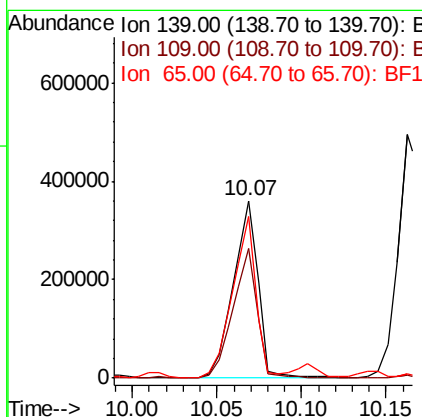
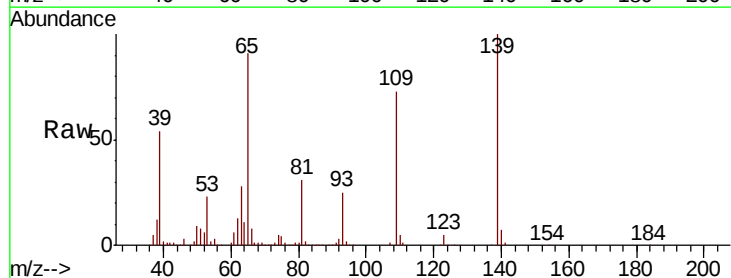
Manual Integrations
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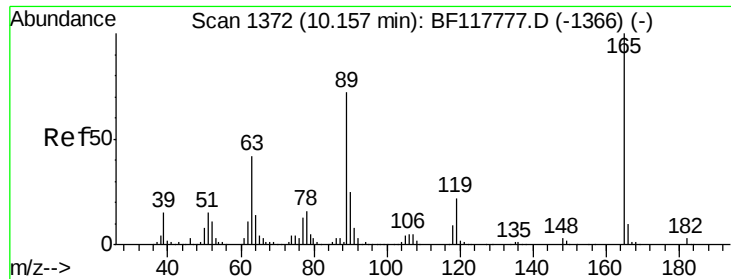
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#56
4-Nitrophenol
Concen: 88.783 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	50.8	90.8
65	90.9	73.6	113.6





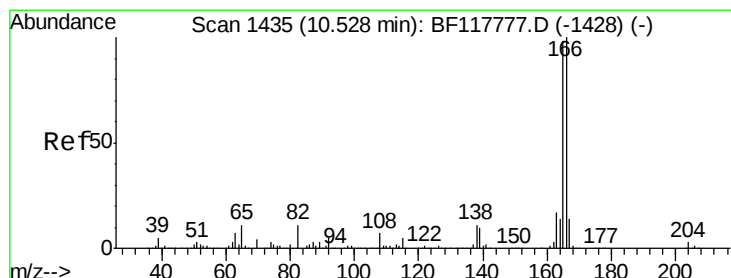
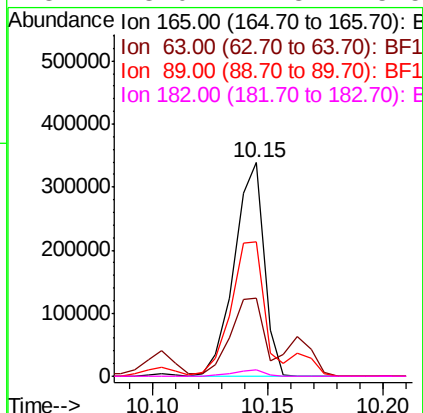
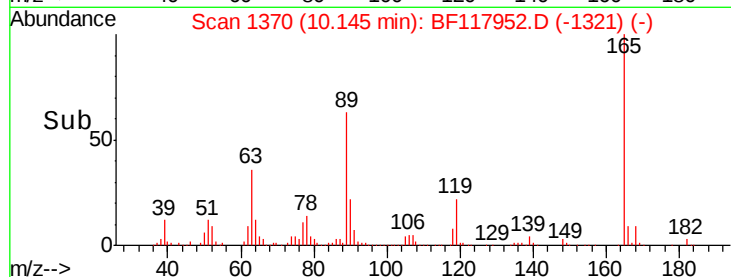
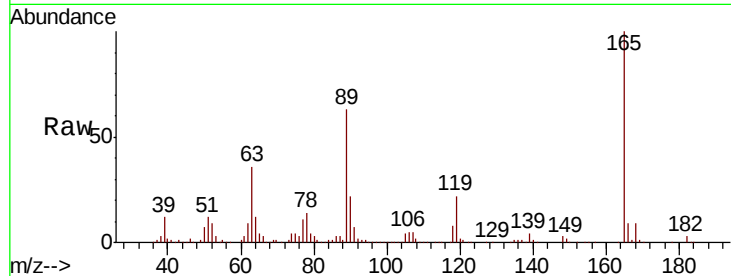
#57
2,4-Dinitrotoluene
Concen: 52.374 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	307210		
63	36.4		33.7	50.5
89	63.1		57.3	85.9
182	3.0		2.3	3.5

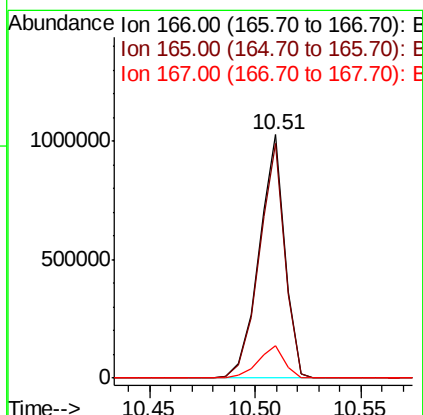
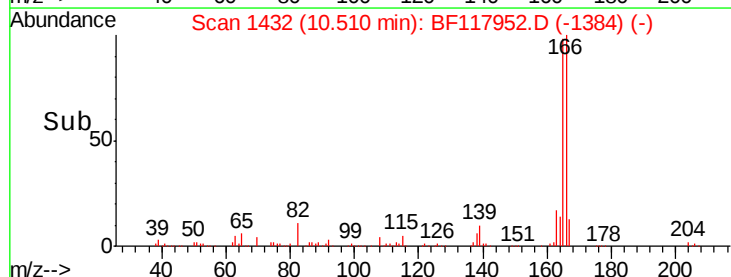
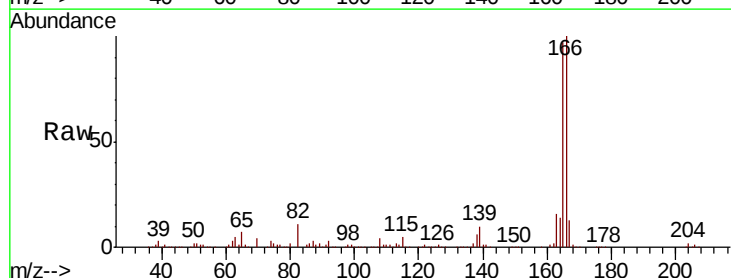
Manual Integrations
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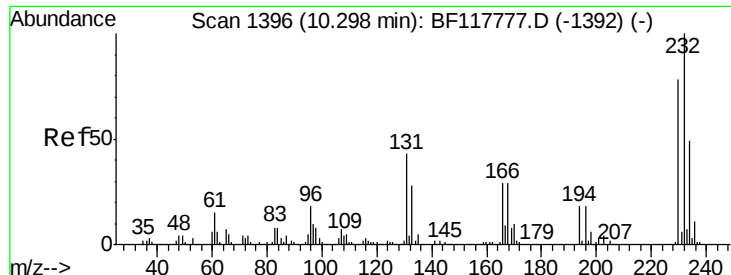
mohammad
11/25/2019 2:32:01 PM



#58
Fluorene
Concen: 47.089 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	866626		
165	96.5		78.4	117.6
167	13.4		11.0	16.4





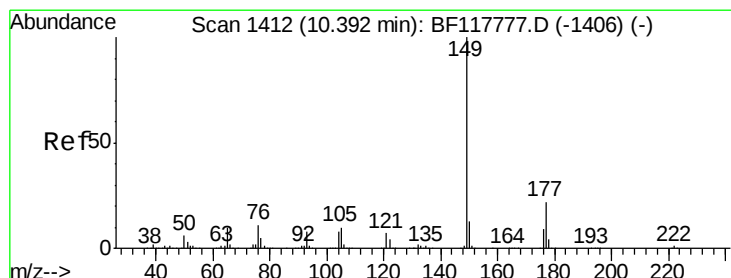
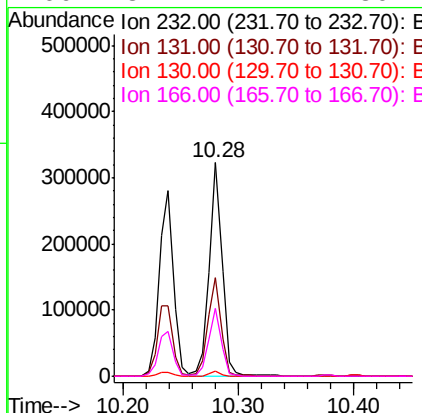
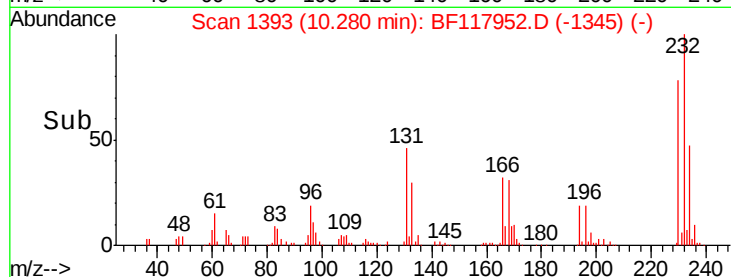
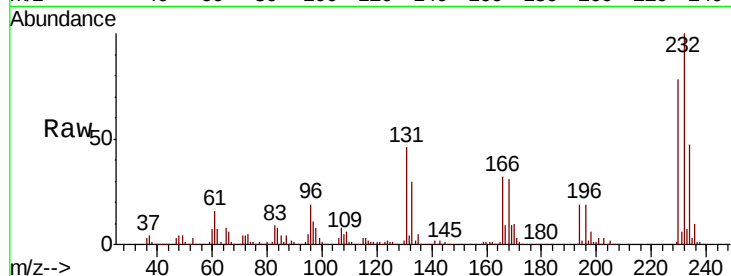
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.575 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		254011		
131	46.5	37.6	56.4		
130	2.3	1.9	2.9		
166	31.2	24.2	36.4		

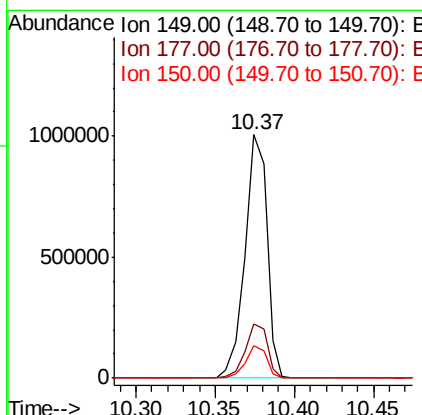
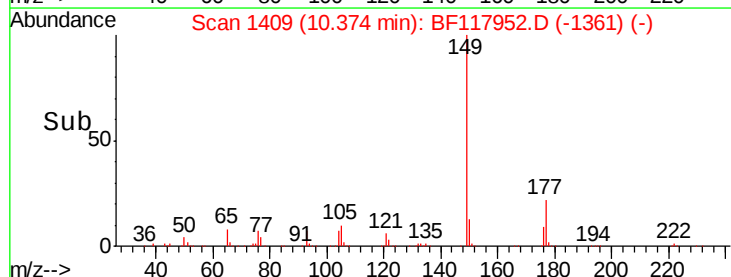
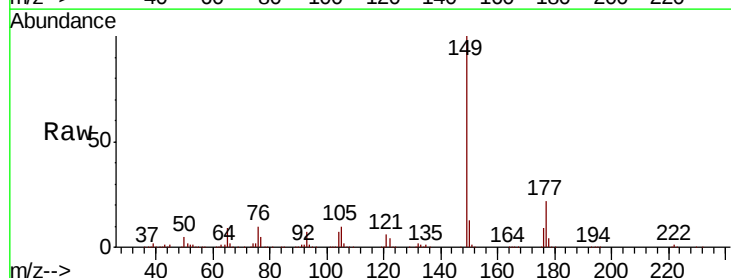
Manual Integrations
APPROVED

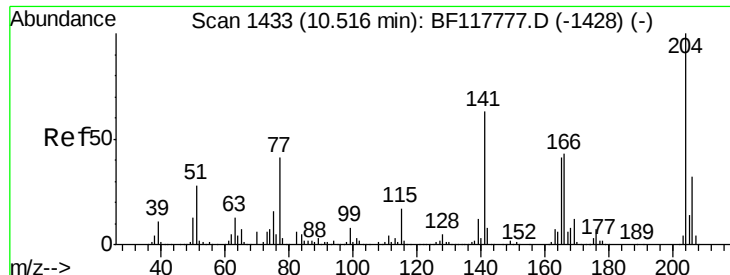
mohammad
11/25/2019 2:32:01 PM



#60
Diethylphthalate
Concen: 46.982 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		966409		
177	22.1	18.0	27.0		
150	13.1	10.5	15.7		





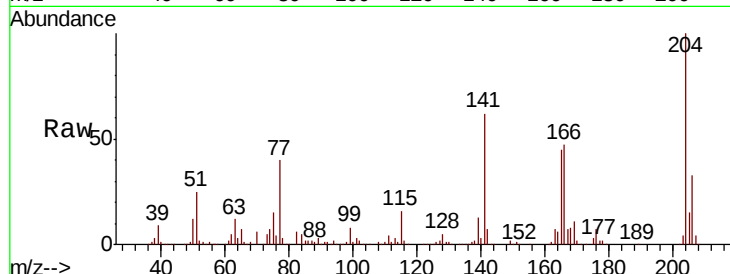
#61
4-Chlorophenyl-phenylether
Concen: 46.754 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.6	38.4
141	62.2	50.7	76.1

Manual Integrations
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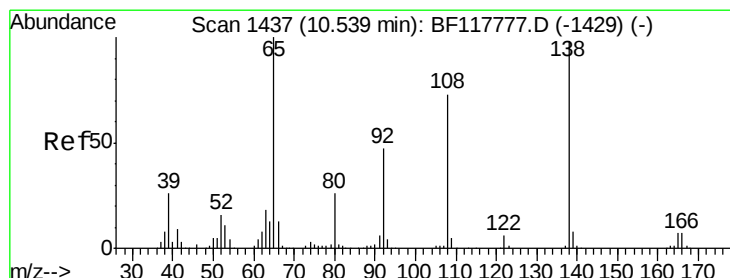
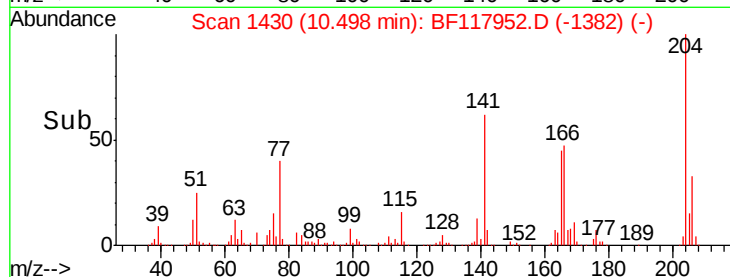
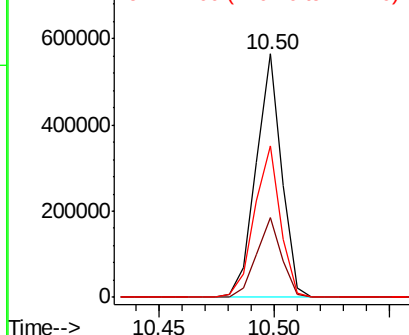


Abundance

Ion 204.00 (203.70 to 204.70): E

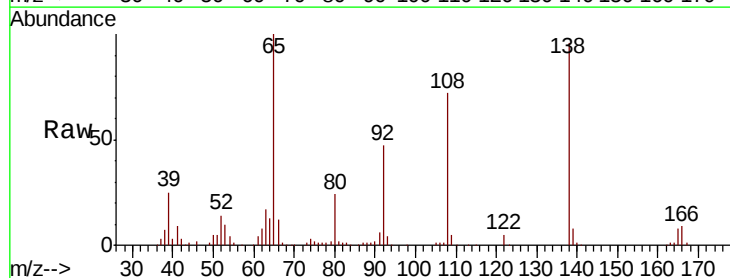
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.110 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.0	28.3	68.3
108	75.1	54.3	94.3

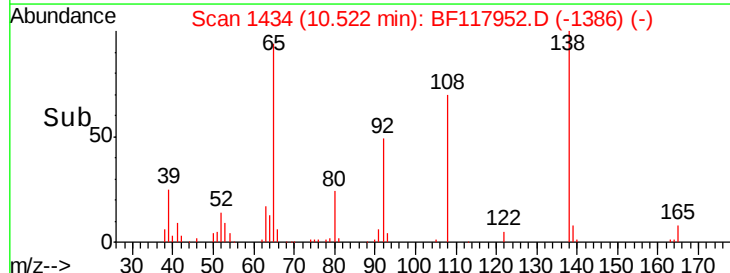
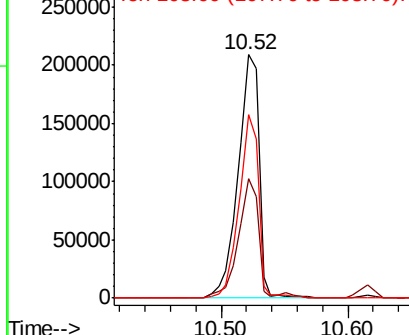


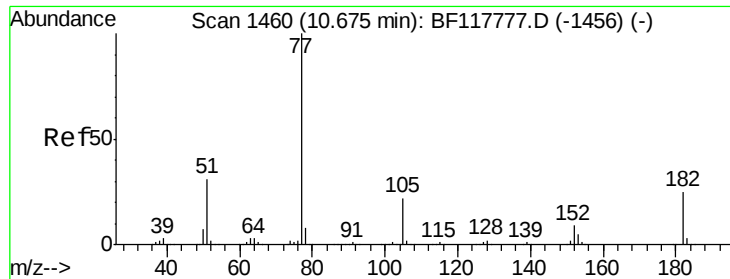
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





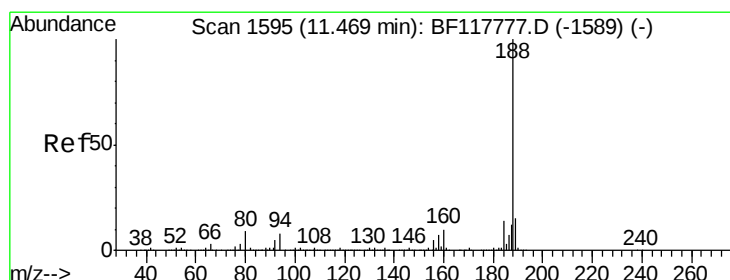
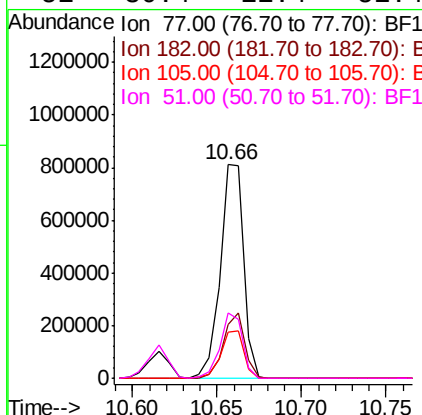
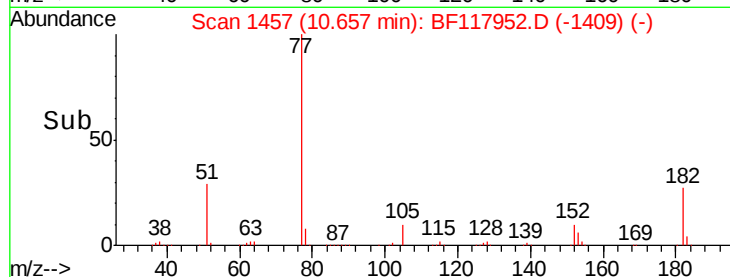
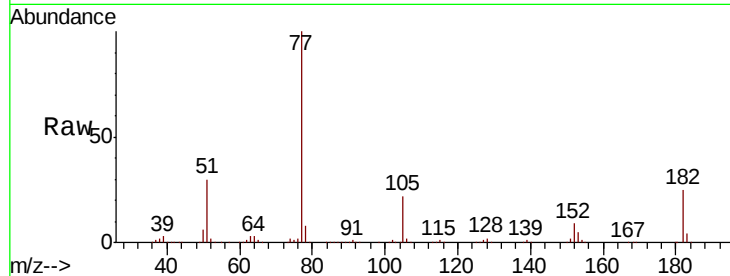
#63
Azobenzene
Concen: 41.878 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.2	4.8	44.8
105	21.7	2.1	42.1
51	30.4	11.4	51.4

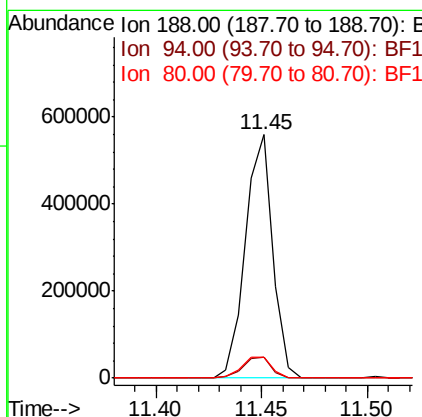
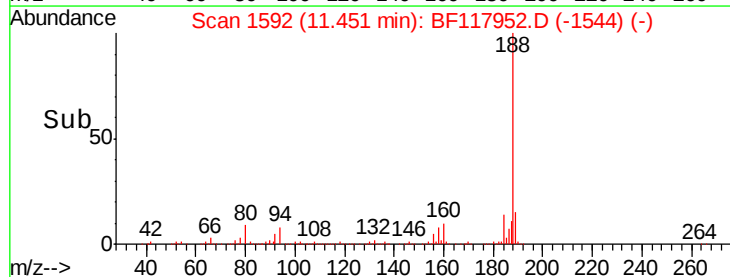
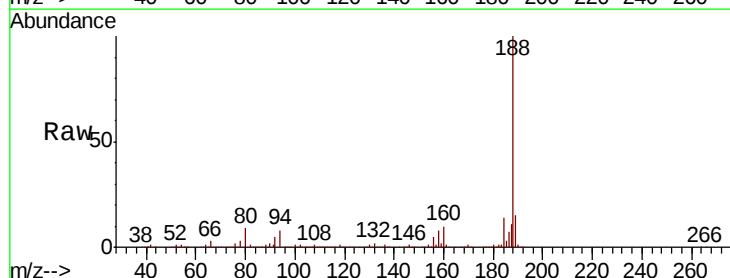
Manual Integrations
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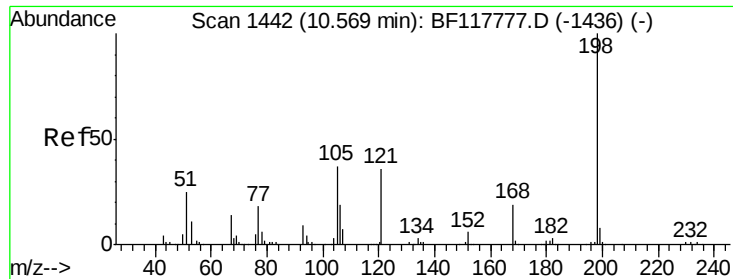
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.6	10.0
80	8.7	7.2	10.8





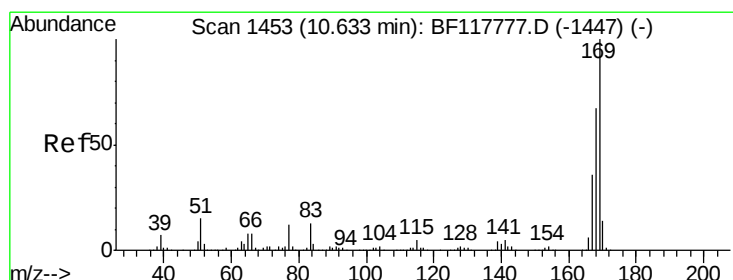
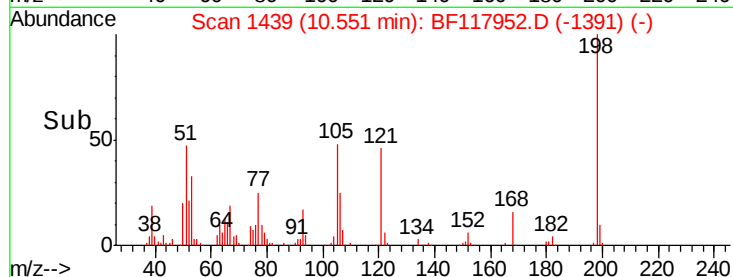
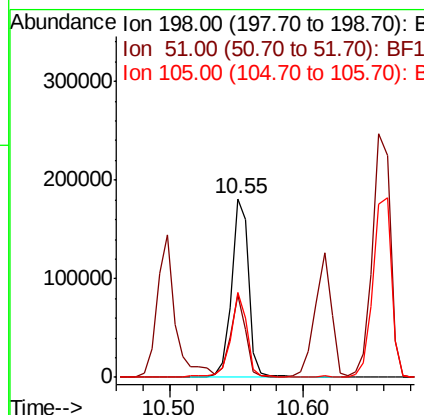
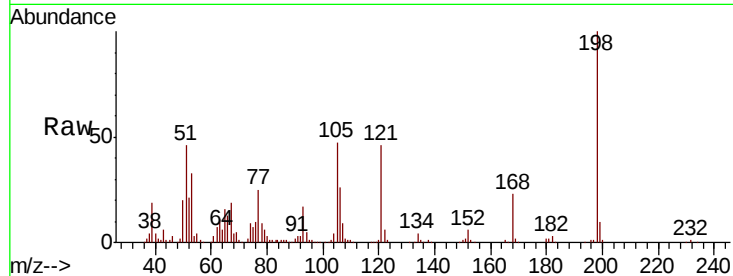
#65
4,6-Dinitro-2-methylphenol
Concen: 70.494 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	165410		
51	46.0	16.0	56.0	
105	47.5	19.1	59.1	

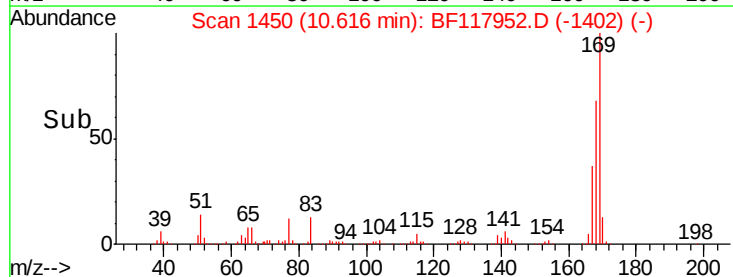
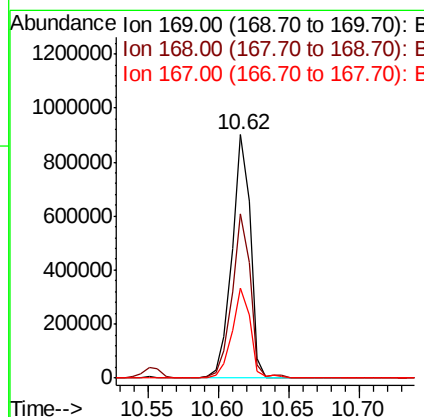
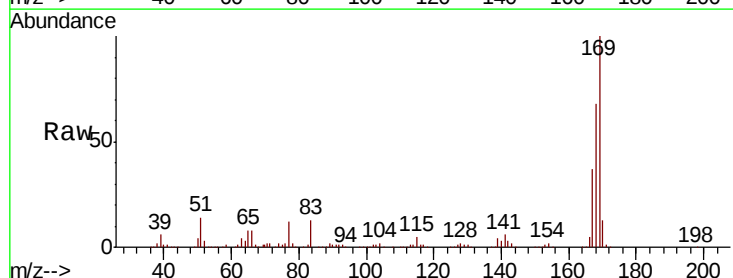
Manual Integrations
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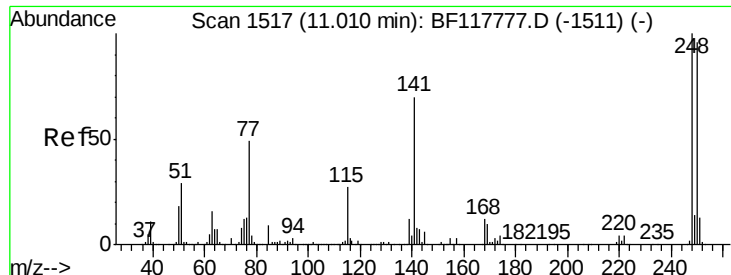
mohammad
11/25/2019 2:32:01 PM



#66
n-Nitrosodiphenylamine
Concen: 55.708 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	814898		
168	67.6	53.5	80.3	
167	37.2	29.0	43.4	





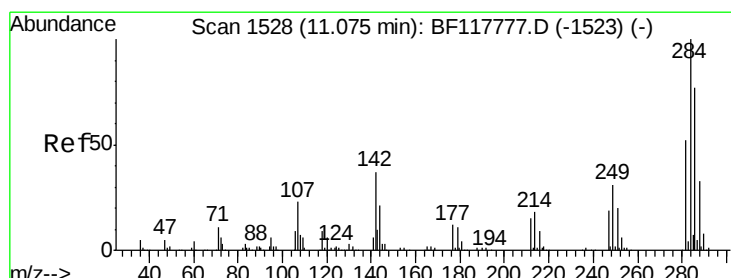
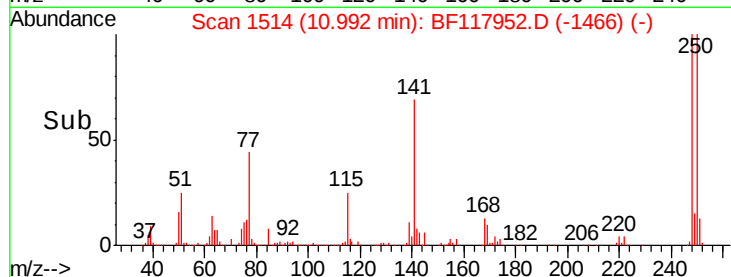
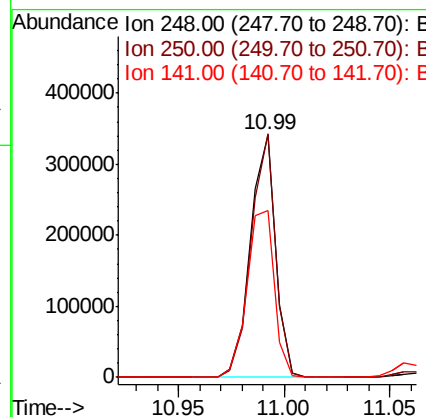
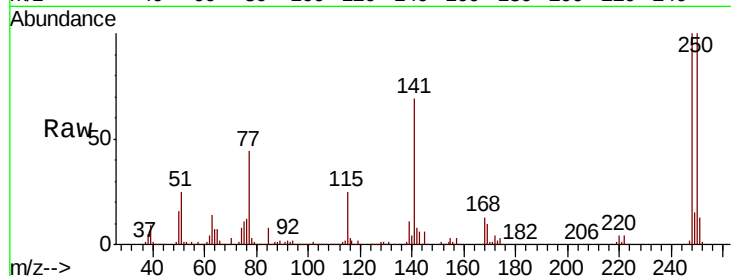
#67
 4-Bromophenyl-phenylether
 Concen: 52.125 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	282691		
250	100.2	76.6	115.0	
141	68.8	55.9	83.9	

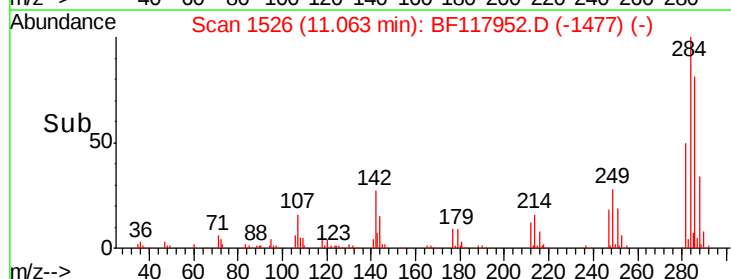
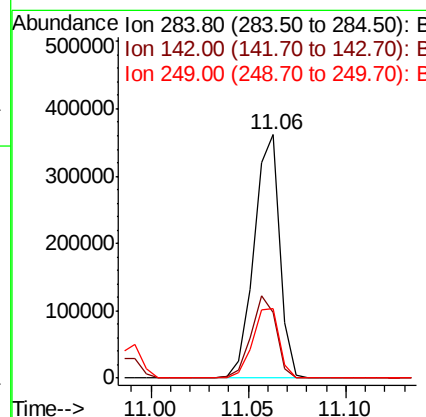
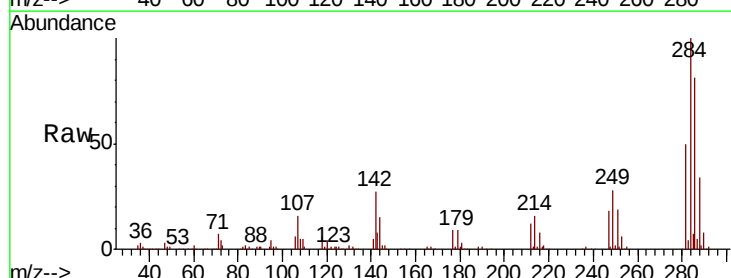
Manual Integrations
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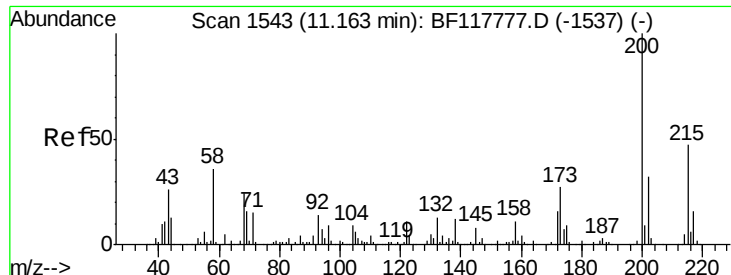
mohammad
 11/25/2019 2:32:01 PM



#68
 Hexachlorobenzene
 Concen: 51.918 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	328317		
142	26.8	29.4	44.2#	
249	28.3	24.6	37.0	





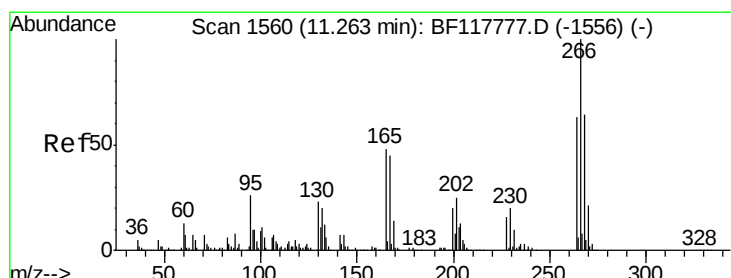
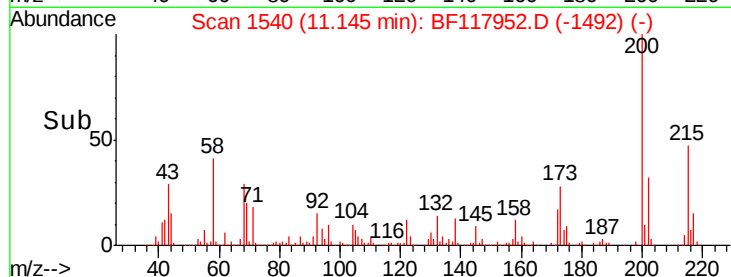
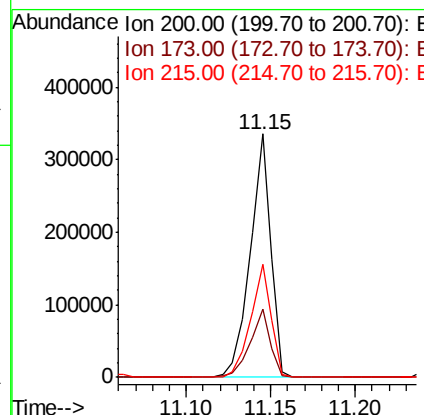
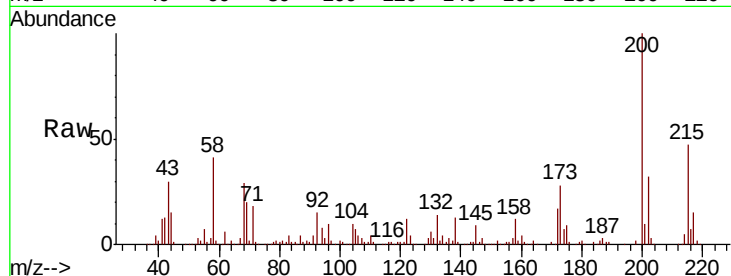
#69
Atrazine
Concen: 59.675 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	6.7	46.7
215	46.7	27.5	67.5

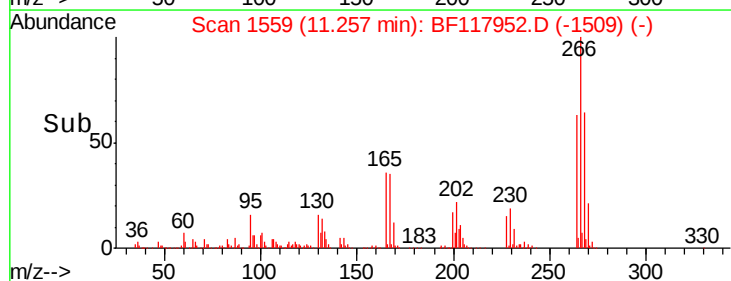
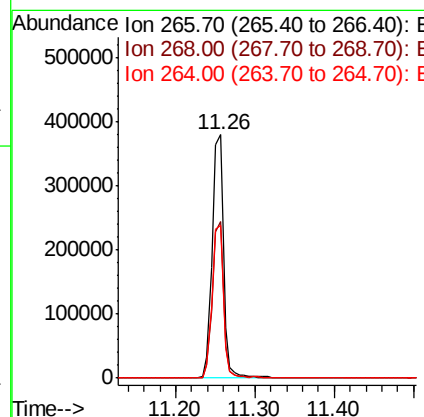
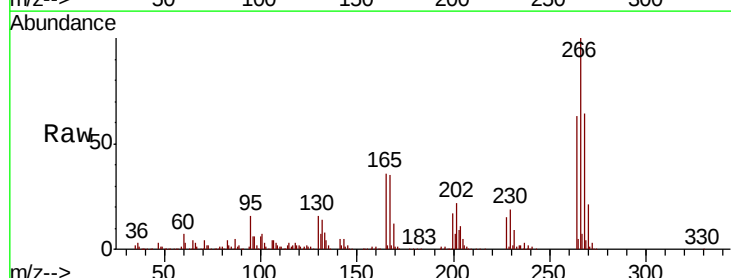
Manual Integrations
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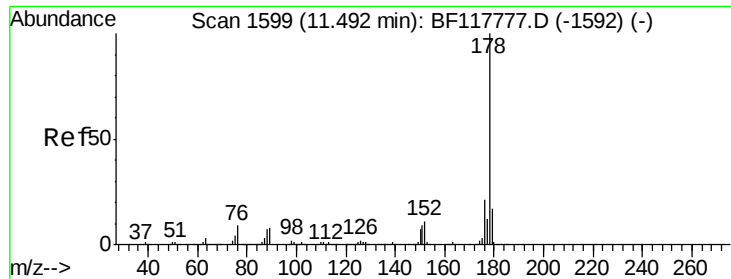
mohammad
11/25/2019 2:32:01 PM



#70
Pentachlorophenol
Concen: 103.707 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	50.8	76.2
264	62.9	50.7	76.1





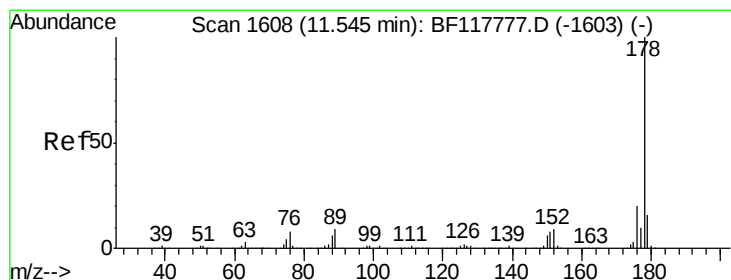
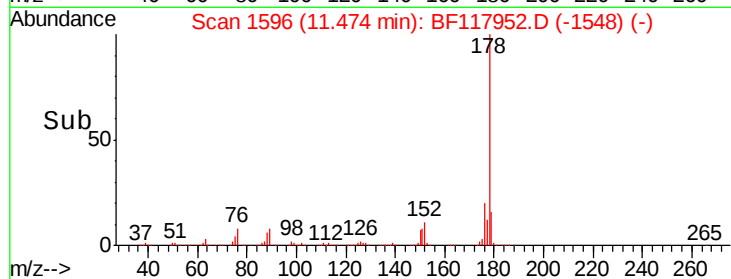
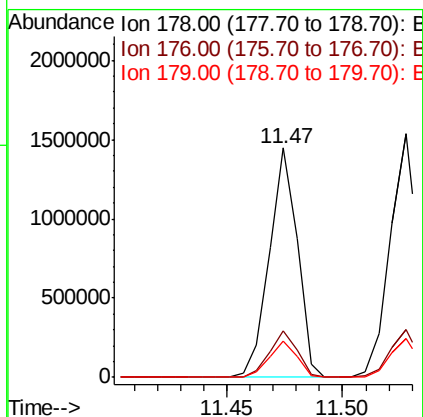
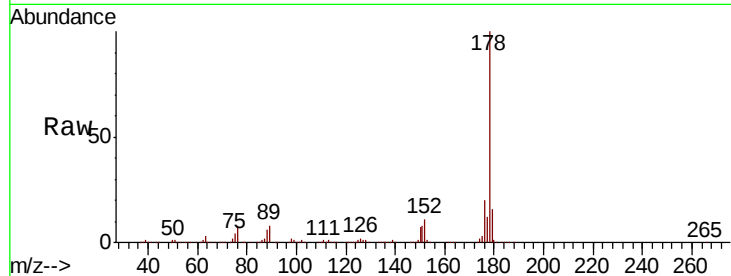
#71
Phenanthrene
Concen: 48.407 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion:178 Resp: 1223274
Ion Ratio Lower Upper
178 100
176 20.1 16.6 25.0
179 16.0 13.2 19.8

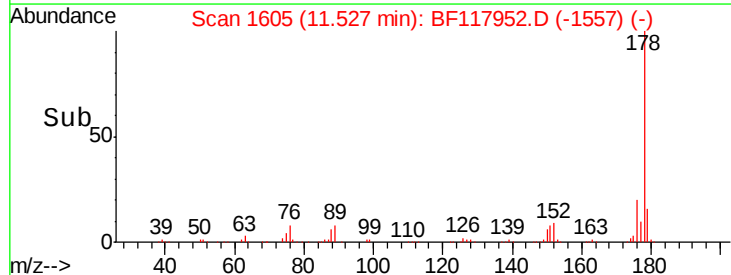
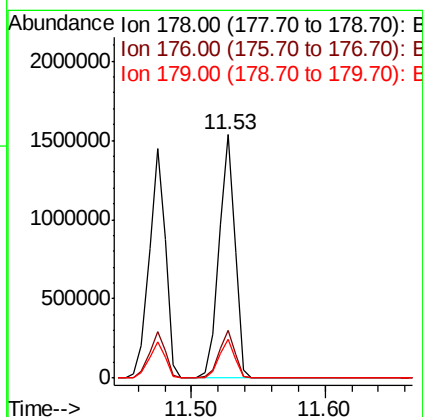
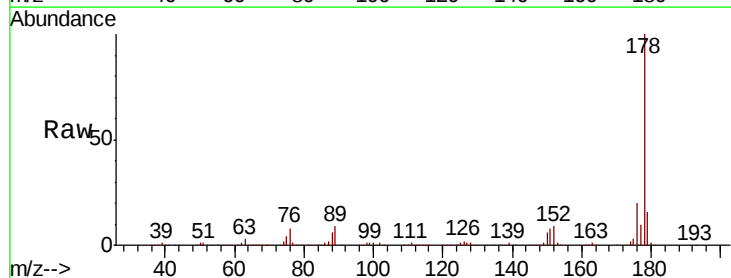
Manual Integrations
APPROVED

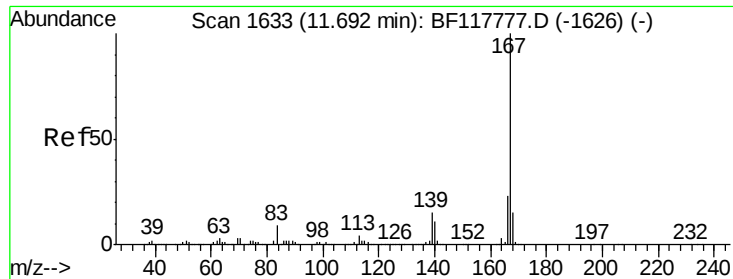
mohammad
11/25/2019 2:32:01 PM



#72
Anthracene
Concen: 52.090 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:178 Resp: 1305124
Ion Ratio Lower Upper
178 100
176 19.6 16.1 24.1
179 16.0 13.0 19.4





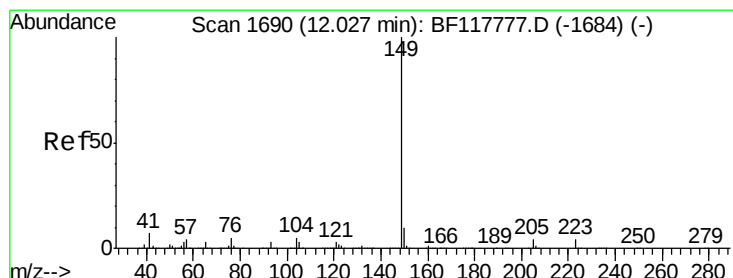
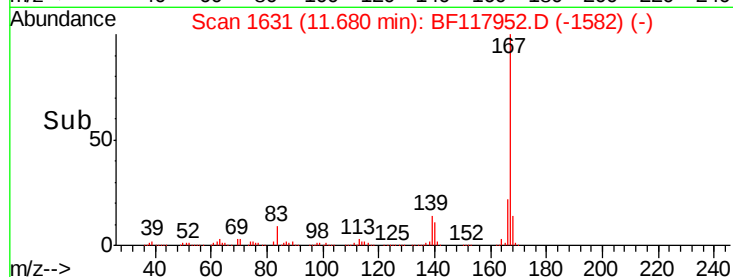
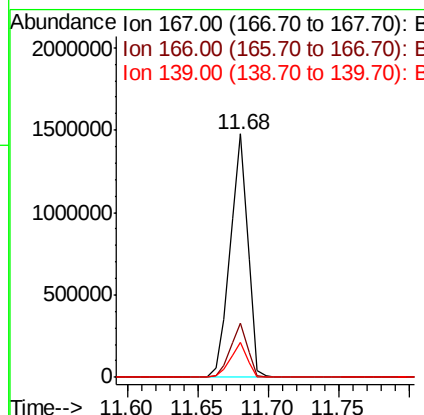
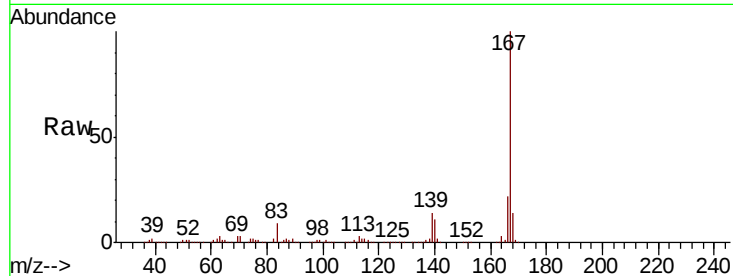
#73
 Carbazole
 Concen: 58.682 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	14.5	11.7	17.5

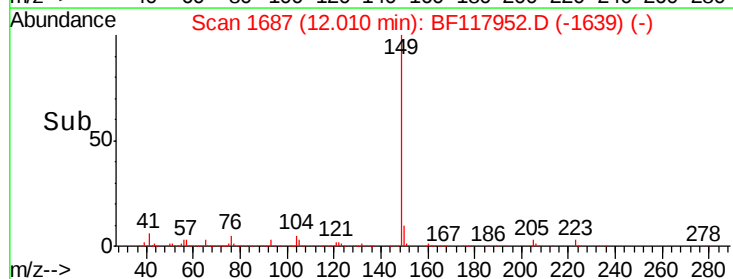
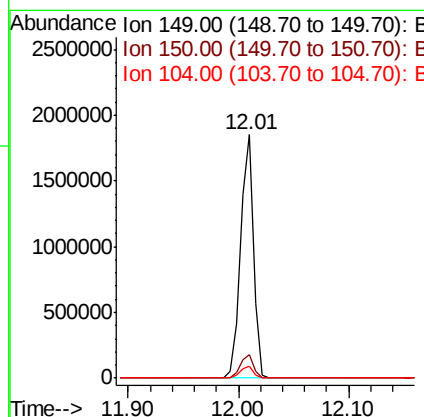
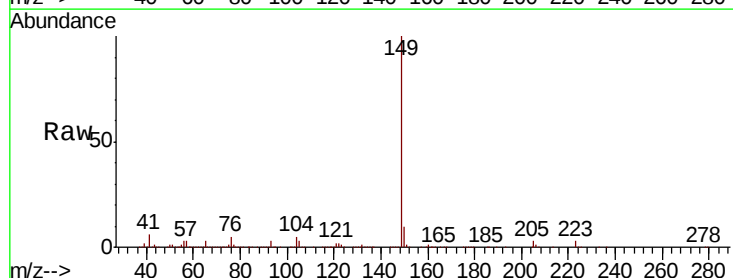
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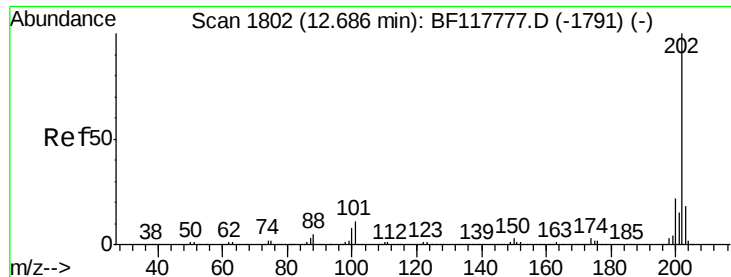
mohammad
 11/25/2019 2:32:01 PM



#74
 Di-n-butylphthalate
 Concen: 55.850 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117952.D
 Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	4.9	4.2	6.4





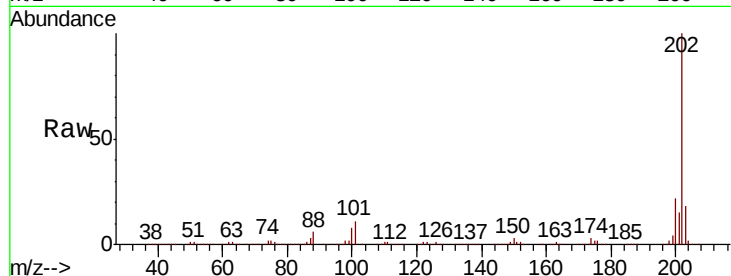
#75
Fluoranthene
Concen: 55.737 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	17.9	0.0	38.2

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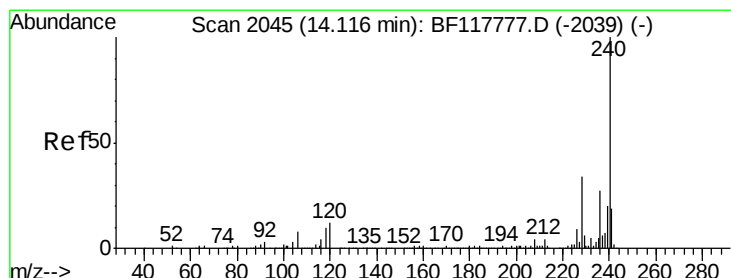
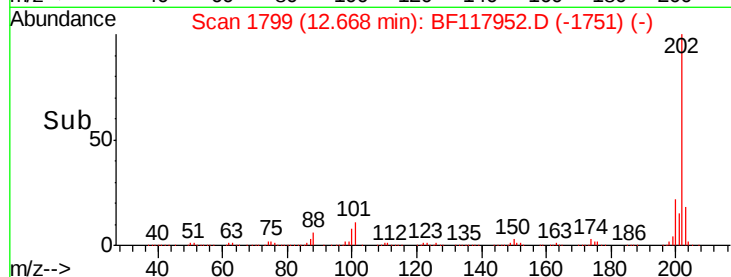
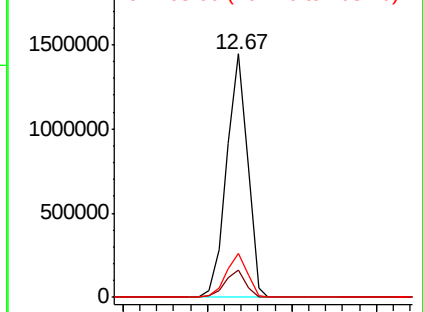


Abundance

Ion 202.00 (201.70 to 202.70): E

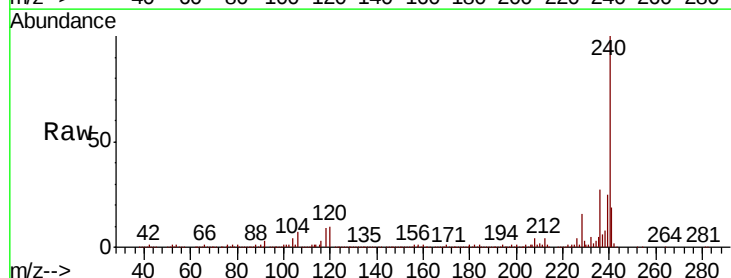
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.5	14.3
236	27.0	21.3	31.9

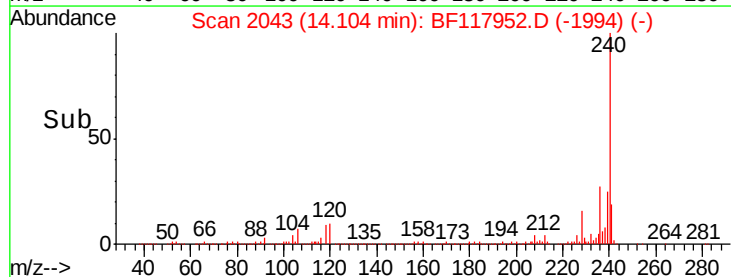
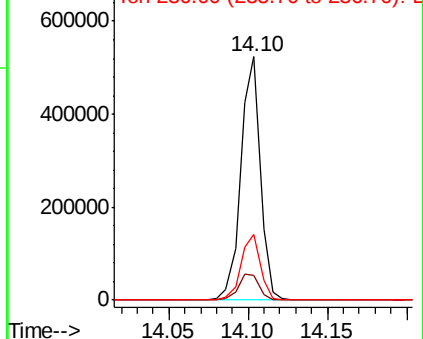


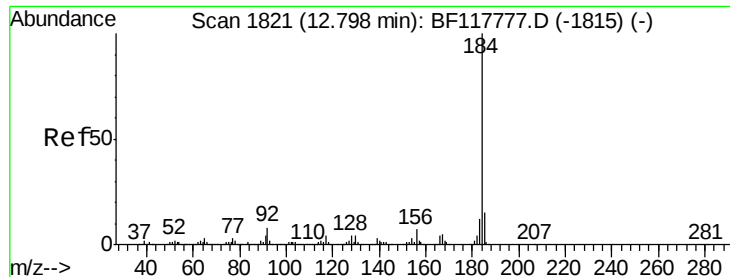
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





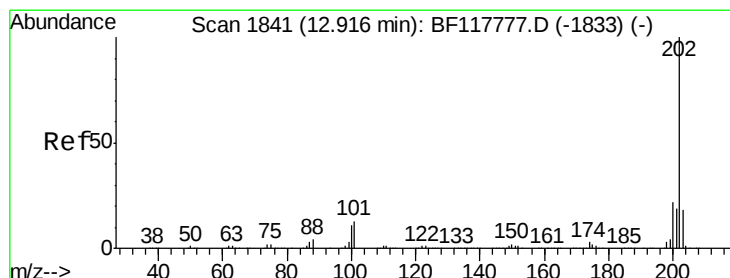
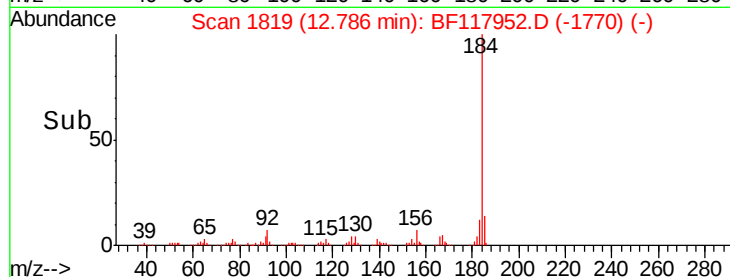
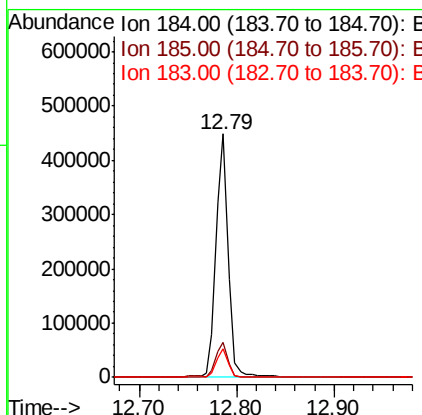
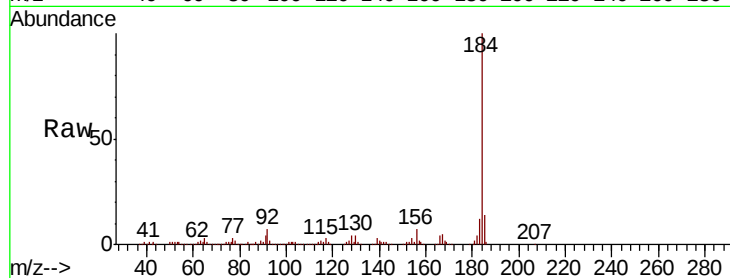
#77
Benzidine
Concen: 26.763 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.2	18.4
183	12.0	9.5	14.3

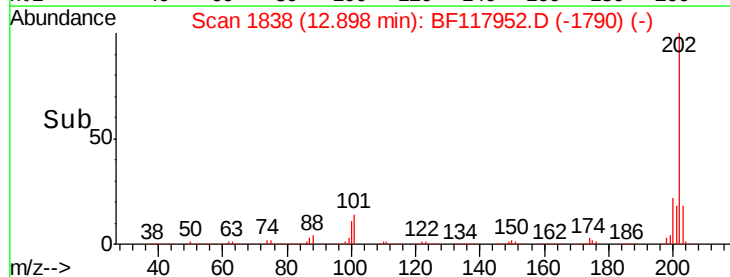
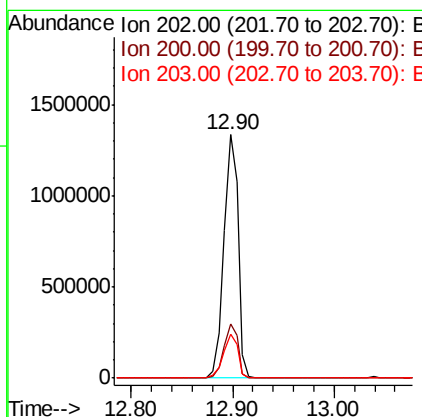
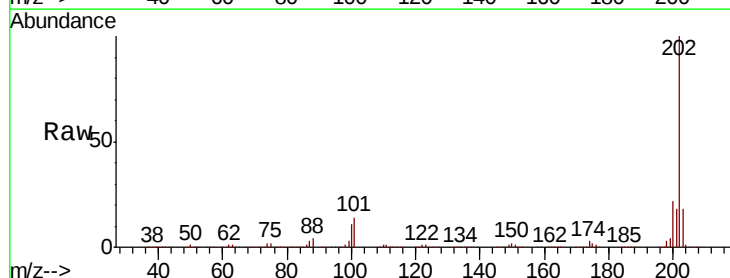
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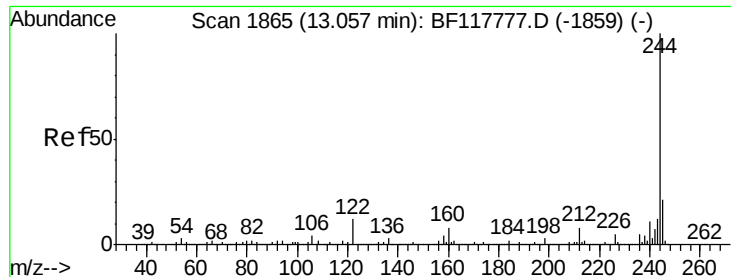
mohammad
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#78
Pyrene
Concen: 36.004 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.8
203	18.3	14.6	22.0





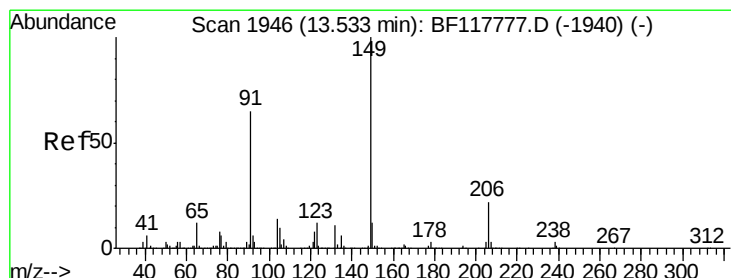
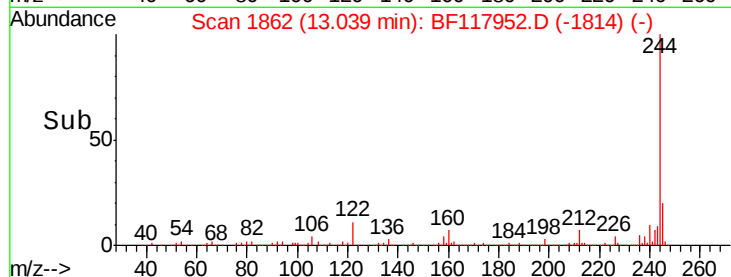
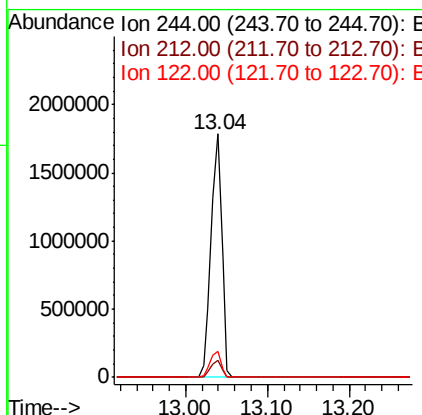
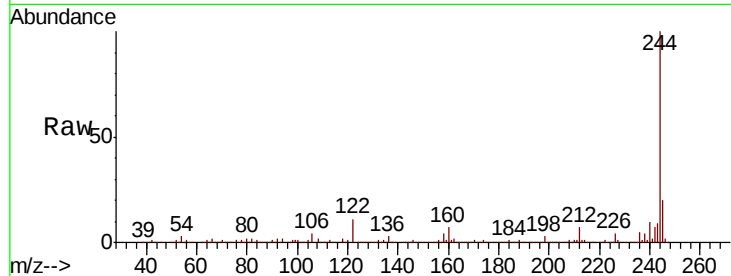
#79
Terphenyl-d14
Concen: 67.245 ng
RT: 13.04 min Scan# 1862
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion:244 Resp: 1636226
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 10.8 9.4 14.2

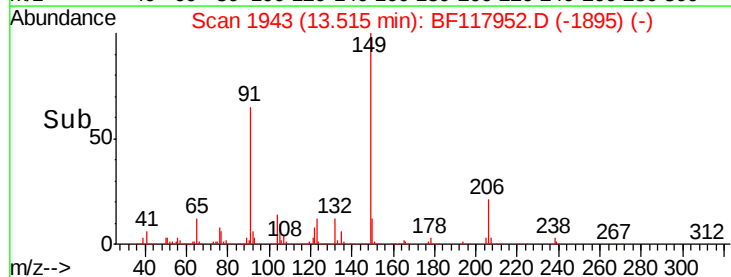
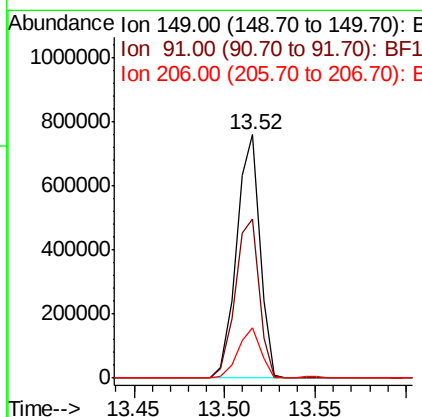
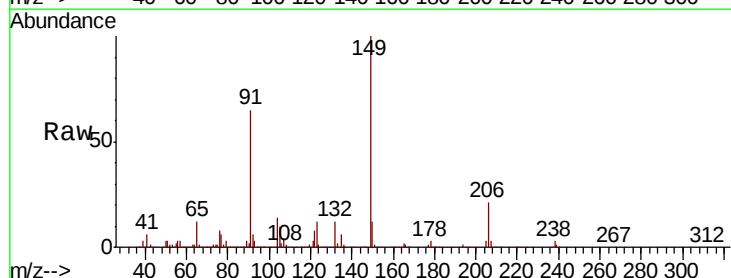
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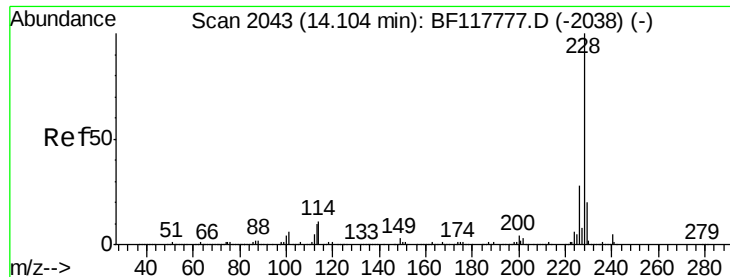
mohammad
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#80
Butylbenzylphthalate
Concen: 44.095 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion:149 Resp: 680631
Ion Ratio Lower Upper
149 100
91 65.5 51.9 77.9
206 20.7 17.2 25.8





#81

Benzo(a)anthracene

Concen: 45.794 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMS

Tot Ion:228 Resp: 1345718

Ion Ratio Lower Upper

228 100

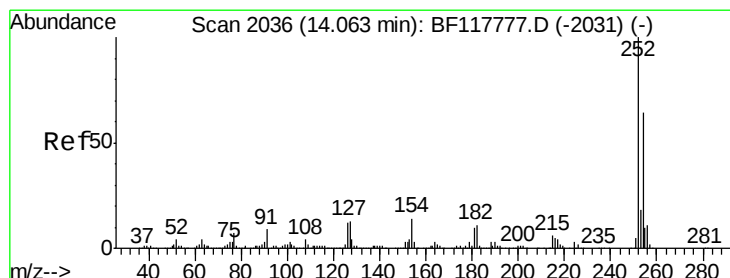
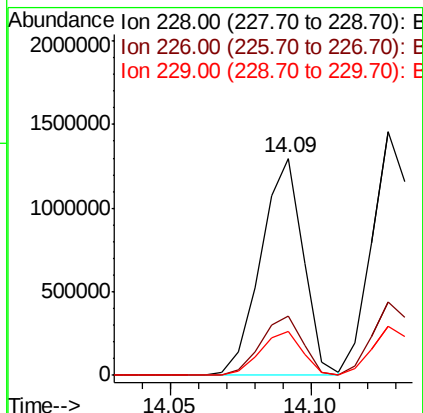
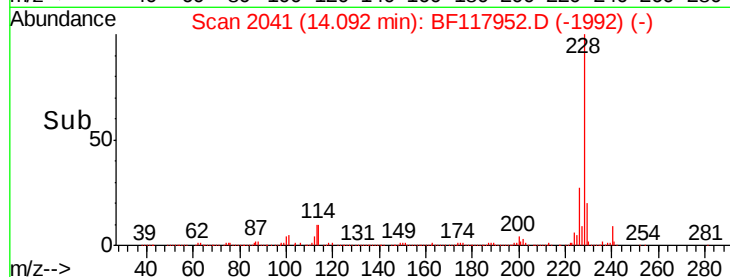
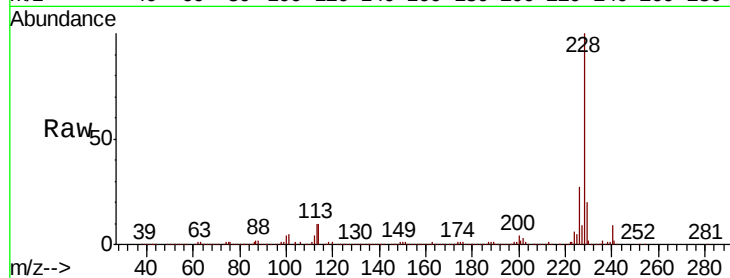
226 27.5 22.2 33.2

229 20.2 15.9 23.9

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 24.870 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF117952.D

Acq: 23 Nov 2019 13:20

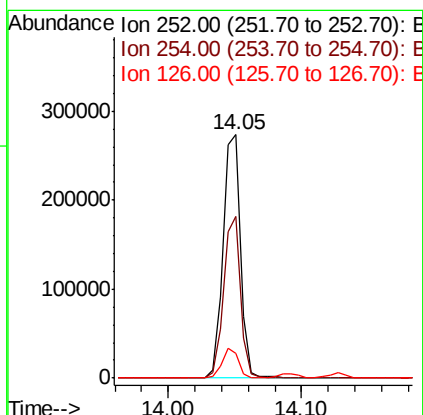
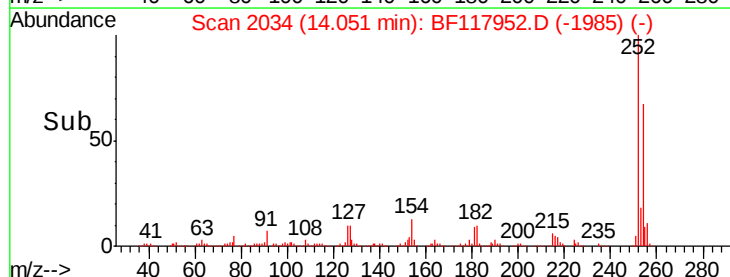
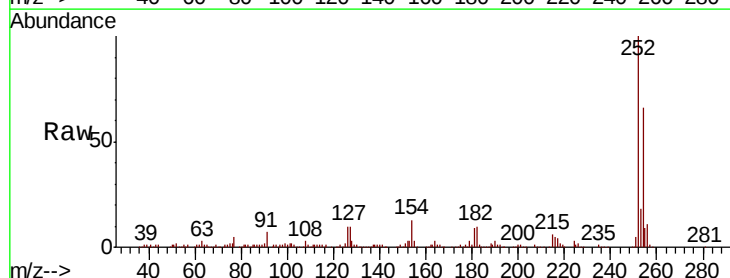
Tgt Ion:252 Resp: 255641

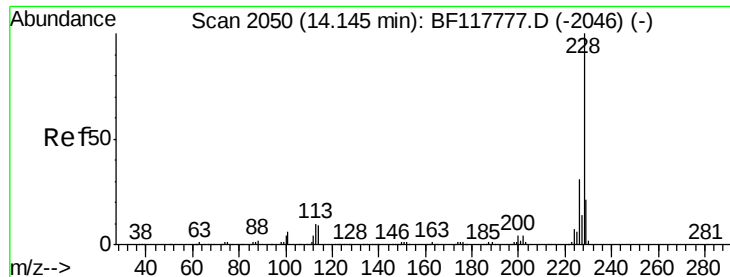
Ion Ratio Lower Upper

252 100

254 66.4 51.0 76.6

126 9.9 9.7 14.5





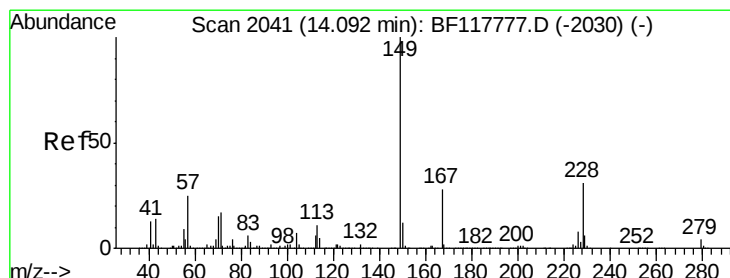
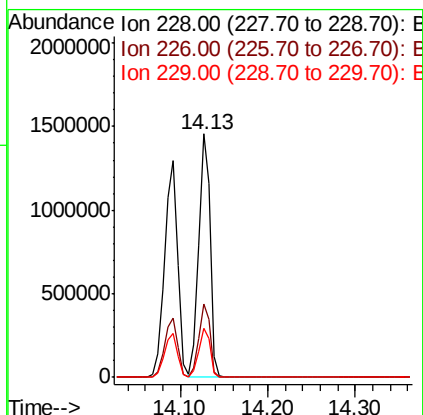
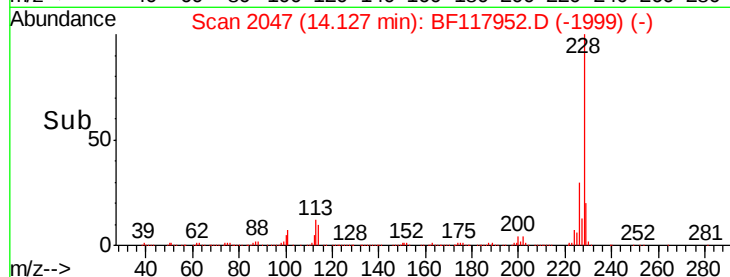
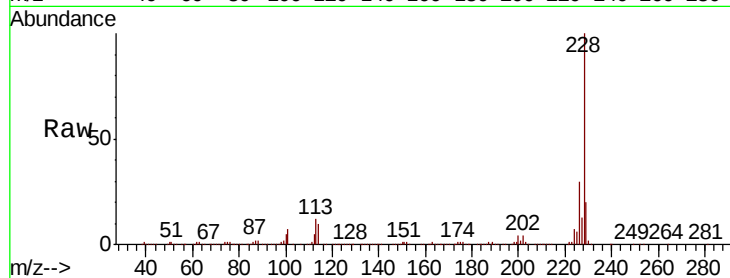
#83
Chrysene
Concen: 46.592 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.4
229	20.4	16.6	25.0

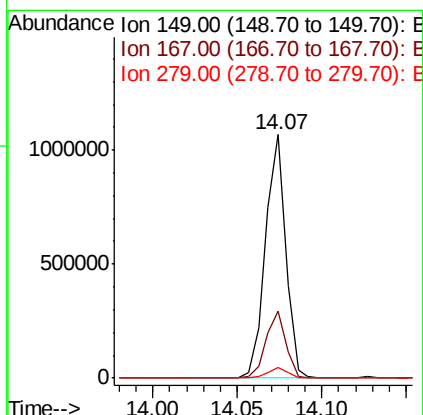
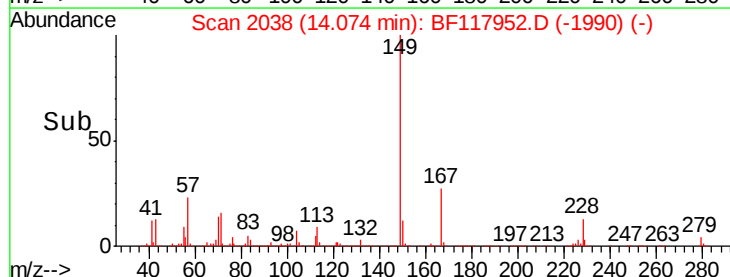
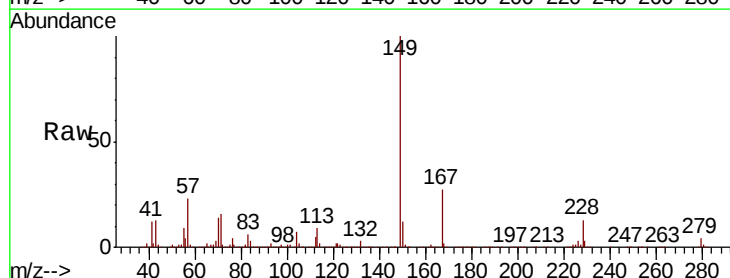
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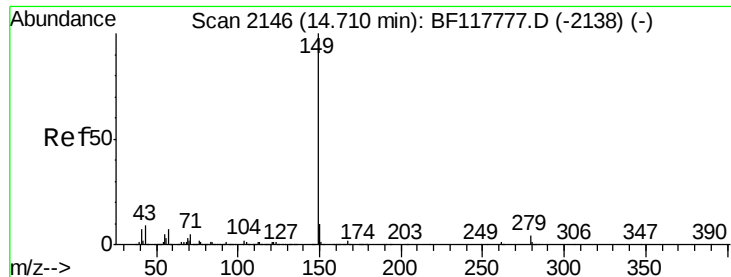
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.639 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.2
279	4.4	3.4	5.2





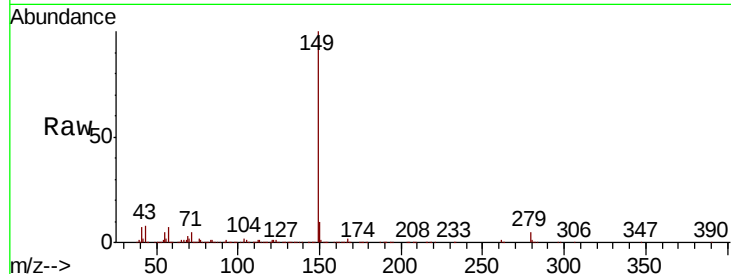
#85
Di-n-octyl phthalate
Concen: 57.444 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

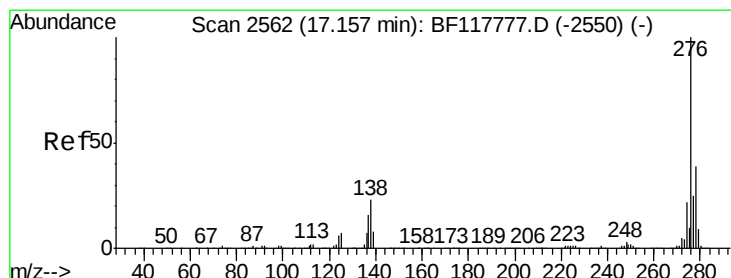
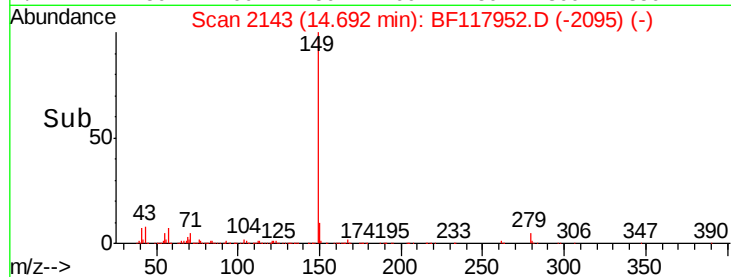
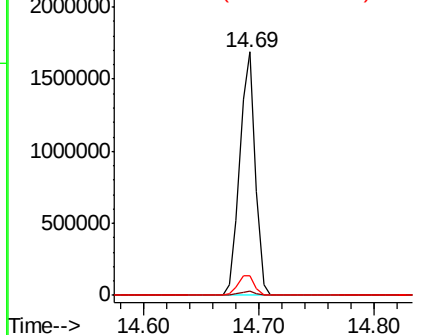
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	8.5	7.4	11.2

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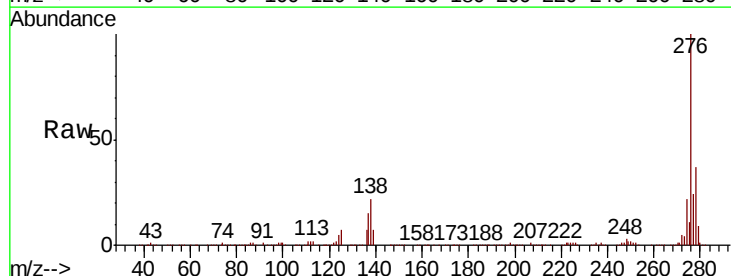


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

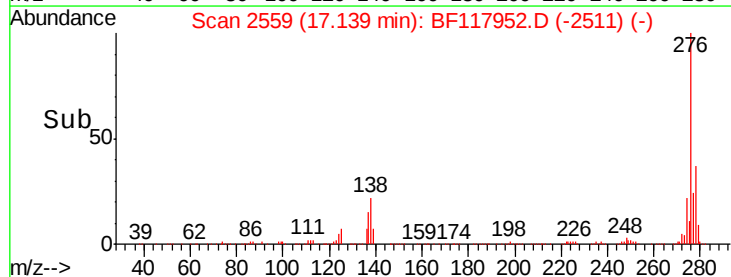
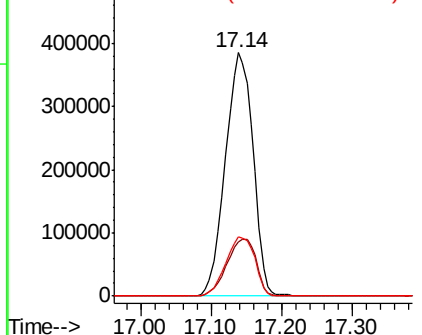


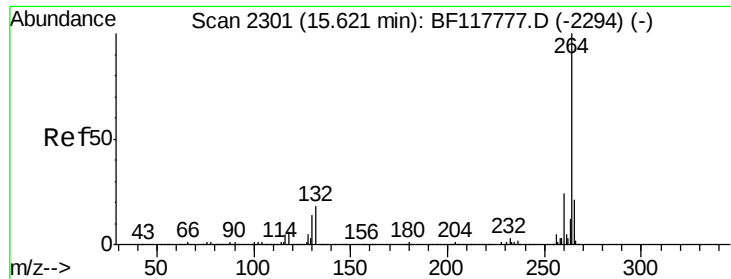
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.352 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	20.9	31.3
277	25.6	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





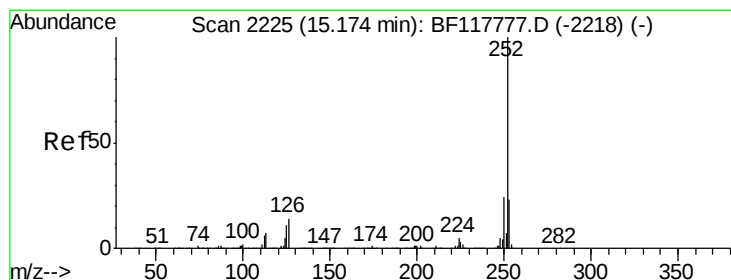
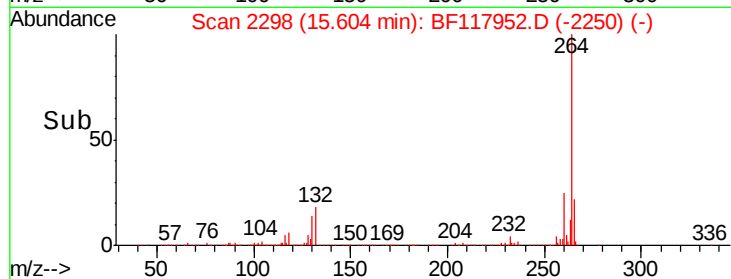
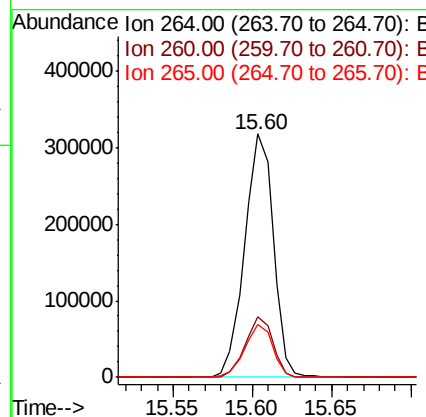
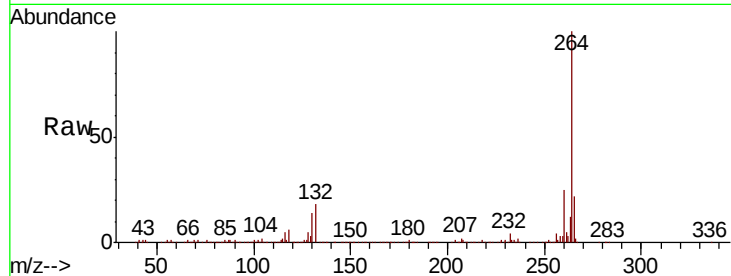
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.0
265	21.8	17.1	25.7

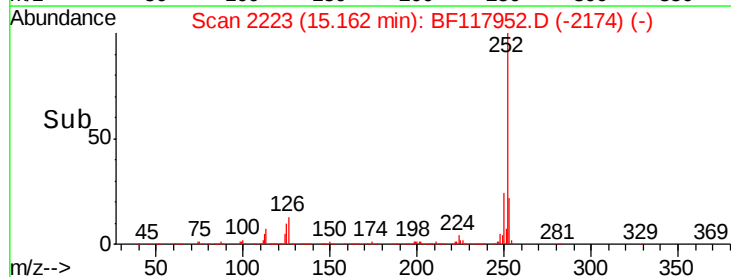
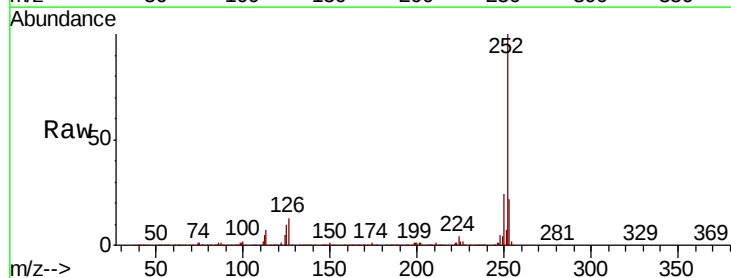
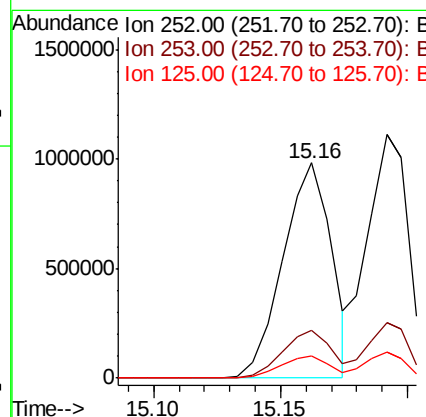
Manual Integrations
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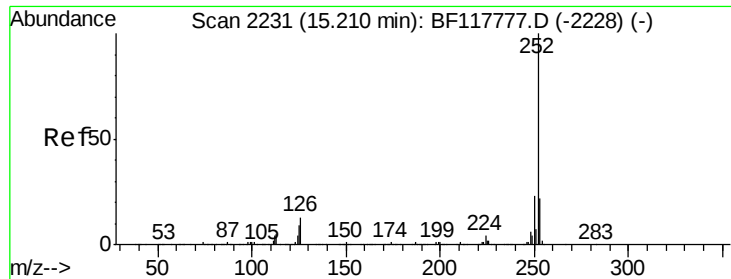
mohammad
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#88
Benzo(b)fluoranthene
Concen: 50.389 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	10.1	8.6	13.0





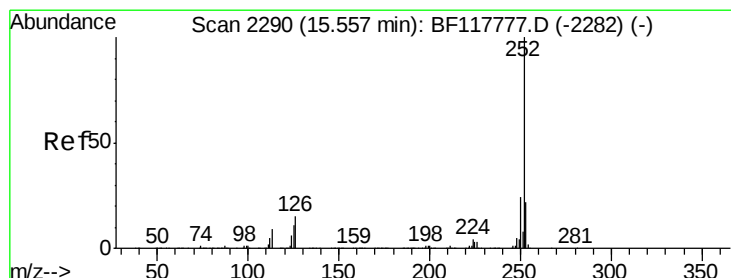
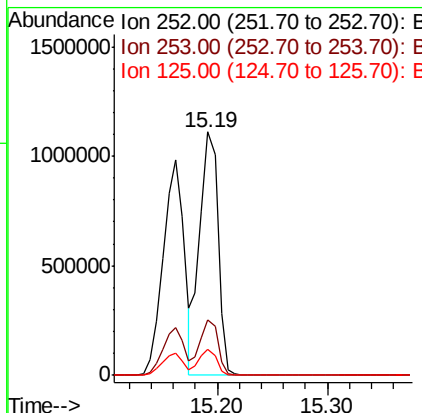
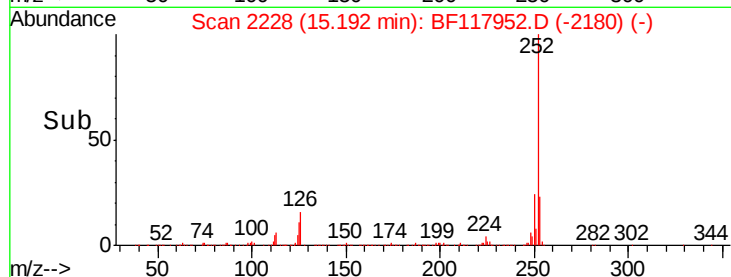
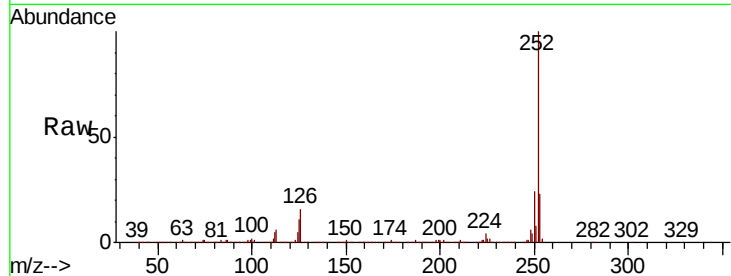
#89
Benzo(k)fluoranthene
Concen: 51.572 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	10.8	7.9	11.9

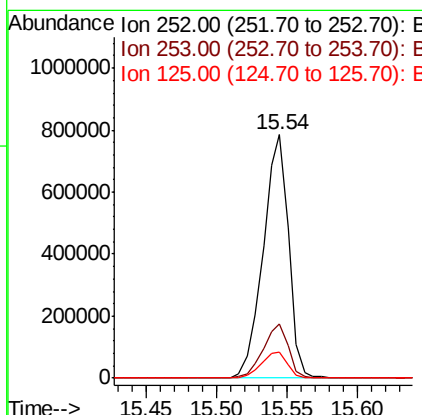
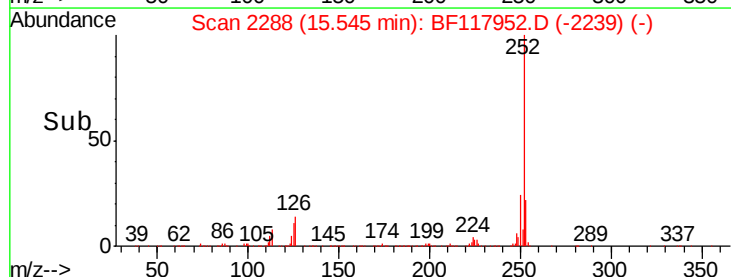
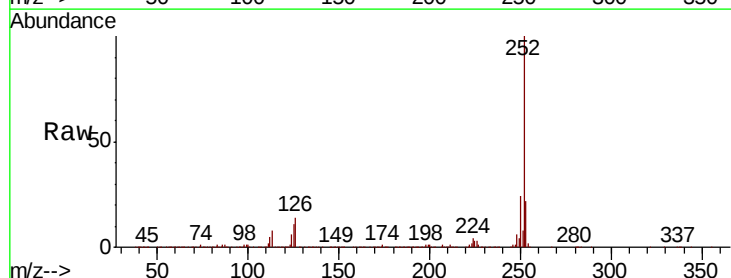
Manual Integrations
APPROVED

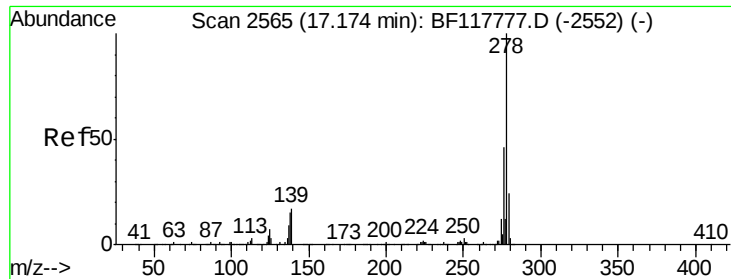
mohammad
11/25/2019 2:32:01 PM



#90
Benzo(a)pyrene
Concen: 43.487 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	10.6	9.2	13.8





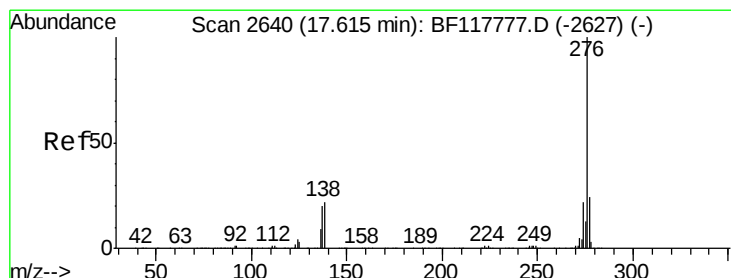
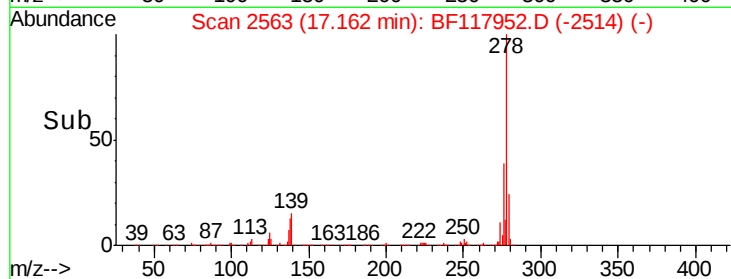
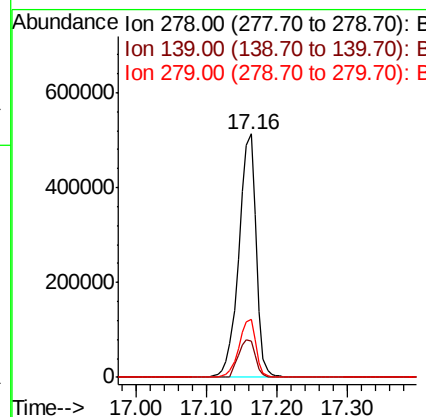
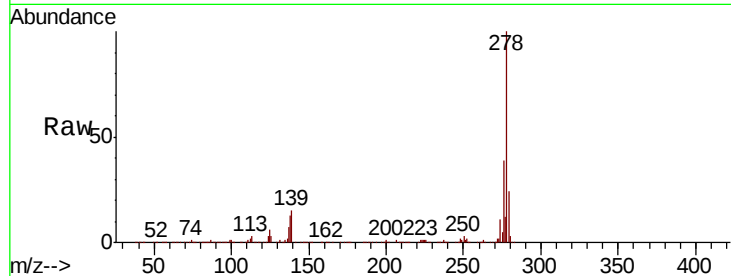
#91
Dibenzo(a,h)anthracene
Concen: 44.567 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.8	20.8
279	23.8	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:01 PM



#92
Benzo(g,h,i)perylene
Concen: 44.735 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117952.D
Acq: 23 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.9	28.3
138	21.9	17.4	26.2

