

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117953.D
 Acq On : 23 Nov 2019 13:46
 Operator : JU
 Sample : K5925-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Manual Integrations
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 11/25/2019 2:32:03 PM

Quant Time: Nov 25 08:07:49 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	120002	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	480696	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	265107	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	520091	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	395593	20.00	ng	-0.01
87) Perylene-d12	15.60	264	402963	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	800650	118.10	ng	-0.01
7) Phenol-d6	6.53	99	1032052	126.21	ng	-0.01
23) Nitrobenzene-d5	7.47	82	628947	77.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	351515	125.24	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1209143	81.83	ng	-0.02
79) Terphenyl-d14	13.04	244	1551567	71.68	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	134994	42.599	ng	97
3) Pyridine	3.48	79	356034	42.831	ng	97
4) n-Nitrosodimethylamine	3.43	42	181249	49.949	ng	96
6) Aniline	6.56	93	238157	22.040	ng	97
8) 2-Chlorophenol	6.69	128	368252	50.060	ng	98
9) Benzaldehyde	6.45	77	174088	30.701	ng	99
10) Phenol	6.55	94	439884	51.769	ng	99
11) bis(2-Chloroethyl)ether	6.64	93	318009	46.605	ng	96
12) 1,3-Dichlorobenzene	6.85	146	403032	46.537	ng	98
13) 1,4-Dichlorobenzene	6.92	146	409810	46.814	ng	98
14) 1,2-Dichlorobenzene	7.07	146	389541	46.528	ng	98
15) Benzyl Alcohol	7.05	79	324555	51.410	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.18	45	416778	39.672	ng	97
17) 2-Methylphenol	7.16	107	307117	49.300	ng	99
18) Hexachloroethane	7.42	117	147274	45.797	ng	96
19) n-Nitroso-di-n-propylamine	7.32	70	245894	48.744	ng	97
20) 3+4-Methylphenols	7.30	107	385320	49.828	ng	# 88
22) Acetophenone	7.32	105	504111	46.678	ng	# 98
24) Nitrobenzene	7.49	77	388738	46.600	ng	97
25) Isophorone	7.73	82	688786	46.474	ng	97
26) 2-Nitrophenol	7.80	139	207172	51.024	ng	92
27) 2,4-Dimethylphenol	7.84	122	326808	51.798	ng	98
28) bis(2-Chloroethoxy)methane	7.94	93	412396	43.849	ng	99
29) 2,4-Dichlorophenol	8.05	162	321151	46.926	ng	99
30) 1,2,4-Trichlorobenzene	8.13	180	350420	44.143	ng	99
31) Naphthalene	8.22	128	1093994	48.818	ng	99
32) Benzoic acid	7.96	122	247889	46.924	ng	99
33) 4-Chloroaniline	8.26	127	98876	9.856	ng	98
34) Hexachlorobutadiene	8.33	225	200460	43.191	ng	100
35) Caprolactam	8.63	113	108423m	49.849	ng	
36) 4-Chloro-3-methylphenol	8.75	107	348402	50.162	ng	96
37) 2-Methylnaphthalene	8.91	142	756238	49.945	ng	99
38) 1-Methylnaphthalene	9.01	142	714252	49.896	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.07	216	335218	43.541	ng	98

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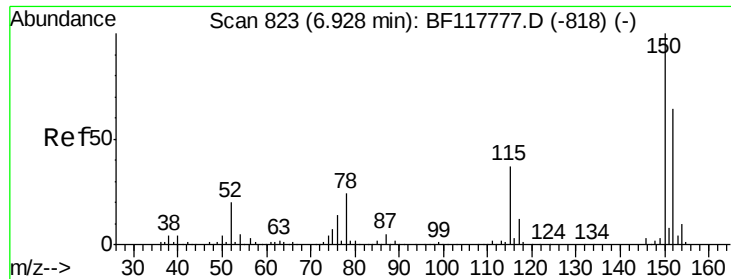
Manual Integrations
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Quant Time: Nov 25 08:07:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	432369	100.213	nq	98
43) 2,4,6-Trichlorophenol	9.19	196	241732	43.836	nq	99
44) 2,4,5-Trichlorophenol	9.23	196	261592	45.689	nq	99
46) 1,1'-Biphenyl	9.37	154	911422	46.339	nq	98
47) 2-Chloronaphthalene	9.40	162	703518	43.480	nq	97
48) 2-Nitroaniline	9.49	65	213239	43.653	nq	99
49) Acenaphthylene	9.82	152	1145391	48.554	nq	99
50) Dimethylphthalate	9.67	163	1085644	58.398	nq	99
51) 2,6-Dinitrotoluene	9.74	165	195397	48.092	nq	86
52) Acenaphthene	9.99	154	703826	46.575	nq	99
53) 3-Nitroaniline	9.90	138	82360	16.941	nq	99
54) 2,4-Dinitrophenol	10.02	184	197957	93.485	nq	87
55) Dibenzofuran	10.16	168	1001023	47.836	nq	98
56) 4-Nitrophenol	10.07	139	347804	95.842	nq	96
57) 2,4-Dinitrotoluene	10.15	165	263062	50.898	nq	94
58) Fluorene	10.51	166	785174	48.419	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	215097	45.723	nq	96
60) Diethylphthalate	10.37	149	861540	47.535	nq	98
61) 4-Chlorophenyl-phenylether	10.50	204	384080	46.671	nq	96
62) 4-Nitroaniline	10.52	138	205021	42.118	nq	95
63) Azobenzene	10.66	77	777319	47.142	nq	99
65) 4,6-Dinitro-2-methylphenol	10.55	198	139407	57.417	nq	82
66) n-Nitrosodiphenylamine	10.62	169	700628	46.288	nq	100
67) 4-Bromophenyl-phenylether	10.99	248	245692	43.782	nq	98
68) Hexachlorobenzene	11.06	284	288245	44.050	nq	98
69) Atrazine	11.15	200	252574	50.727	nq	98
70) Pentachlorophenol	11.25	266	326327	85.360	nq	99
71) Phenanthrene	11.47	178	1221718	46.722	nq	99
72) Anthracene	11.53	178	1268421	48.925	nq	99
73) Carbazole	11.68	167	1118311	49.362	nq	100
74) Di-n-butylphthalate	12.01	149	1369823	48.562	nq	99
75) Fluoranthene	12.67	202	1282734	55.651	nq	100
77) Benzidine	12.79	184	468642	36.166	nq	98
78) Pyrene	12.90	202	1294118	40.479	nq	99
80) Butylbenzylphthalate	13.52	149	601449	43.802	nq	98
81) Benzo(a)anthracene	14.09	228	1194054	45.677	nq	100
82) 3,3'-Dichlorobenzidine	14.05	252	227639	24.895	nq #	96
83) Chrysene	14.13	228	1152288	45.489	nq	98
84) Bis(2-ethylhexyl)phthalate	14.07	149	833397	50.063	nq	97
85) Di-n-octyl phthalate	14.69	149	1403599	57.393	nq	98
86) Indeno(1,2,3-cd)pyrene	17.14	276	1083019	50.235	nq	98
88) Benzo(b)fluoranthene	15.16	252	1135625	43.377	nq	98
89) Benzo(k)fluoranthene	15.19	252	1104451	44.772	nq	99
90) Benzo(a)pyrene	15.54	252	1003075	43.571	nq	98
91) Dibenzo(a,h)anthracene	17.16	278	903714	45.607	nq	98
92) Benzo(g,h,i)perylene	17.60	276	886144	44.899	nq	99

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



#1

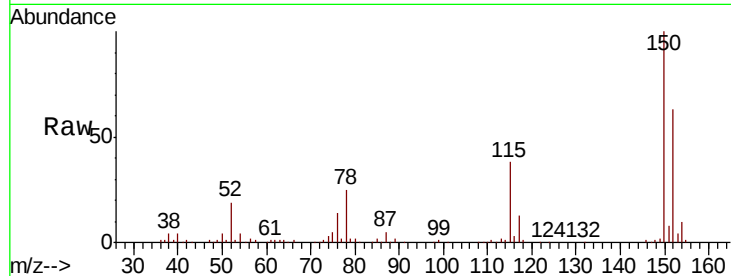
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.3	187.9
115	60.9	47.0	70.4

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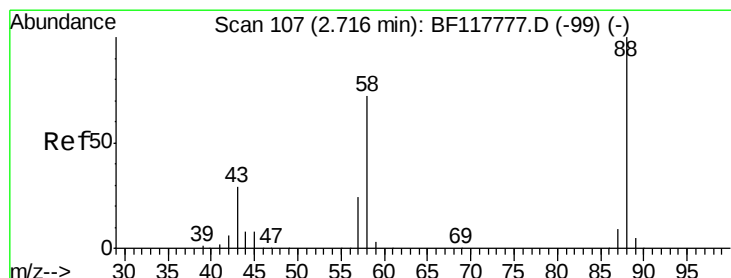
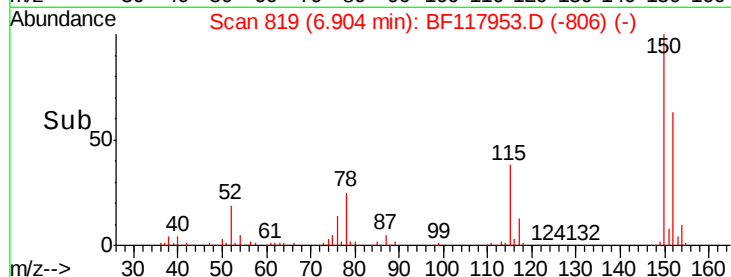
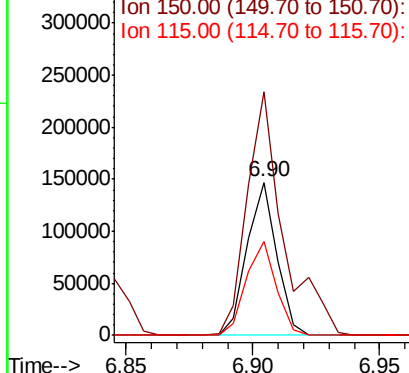


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

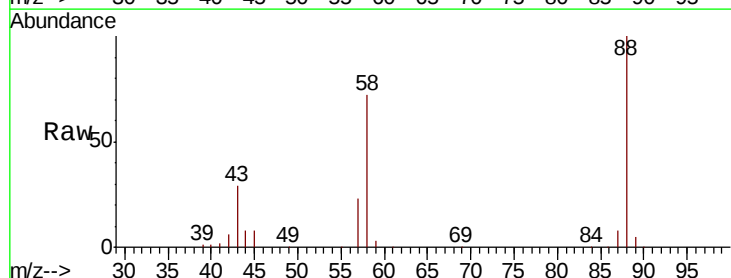
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 42.599 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	58.2	87.2
43	28.1	23.3	34.9

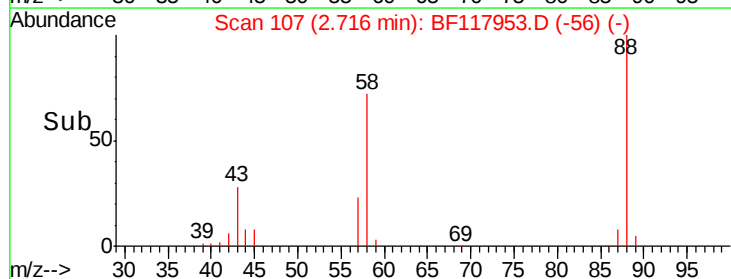
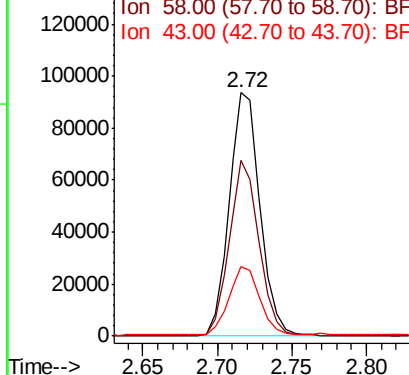


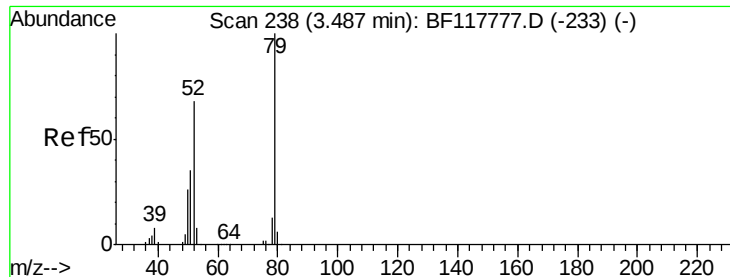
Abundance

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





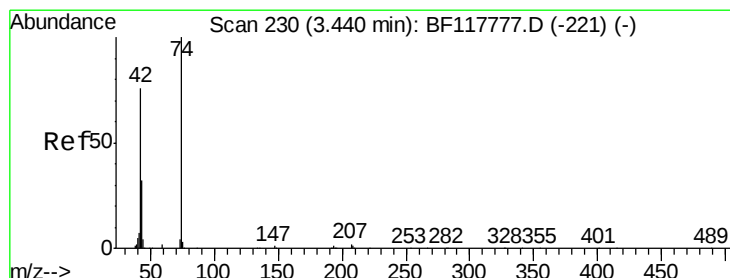
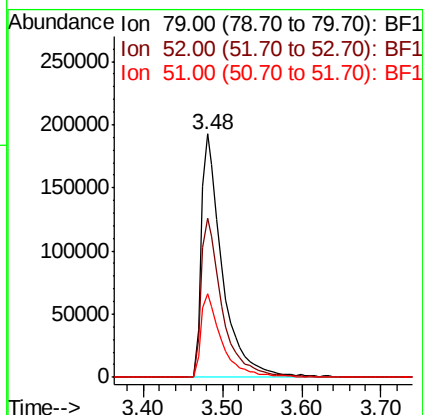
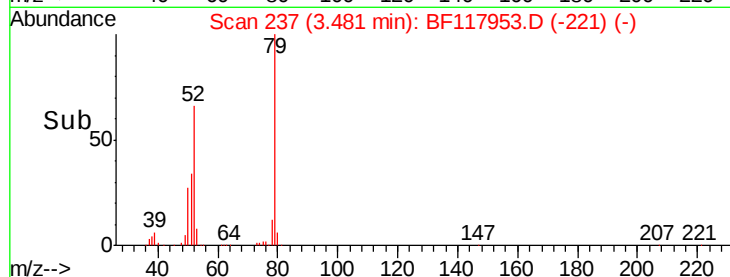
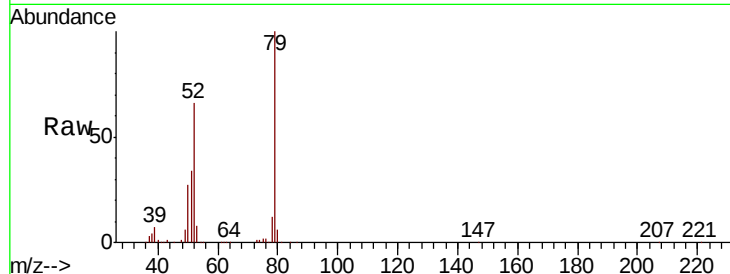
#3
 Pvridine
 Concen: 42.831 ng
 RT: 3.48 min Scan# 237
 Delta R.T. -0.01 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	54.8	82.2
51	34.1	28.2	42.4

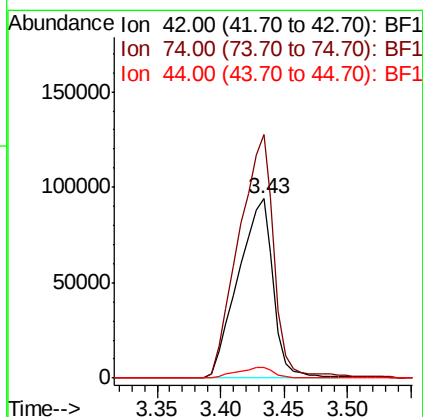
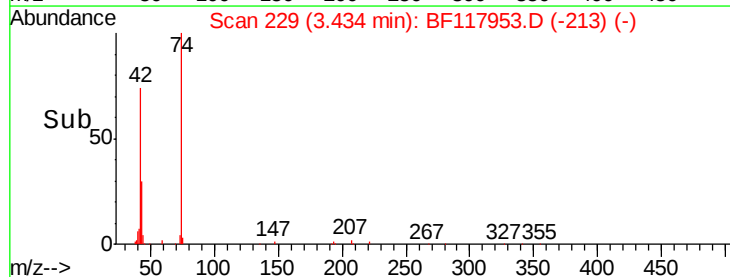
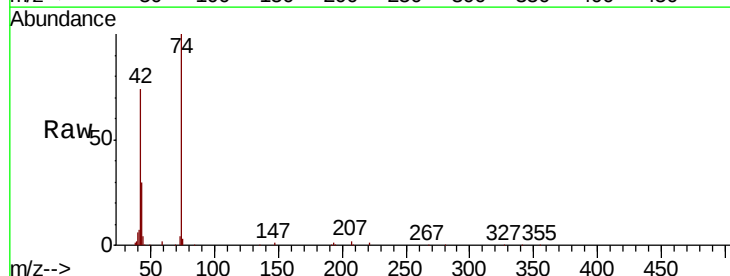
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#4
 n-Nitrosodimethylamine
 Concen: 49.949 ng
 RT: 3.43 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
42	100		
74	135.8	105.1	157.7
44	6.0	4.6	7.0





#5

2-Fluorophenol

Concen: 118.101 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

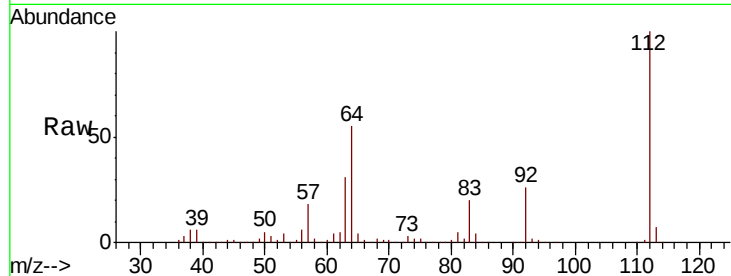
ClientSampleId :

CARRIAGE-COURTMSD

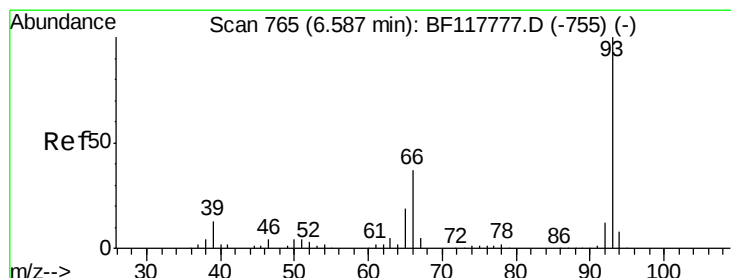
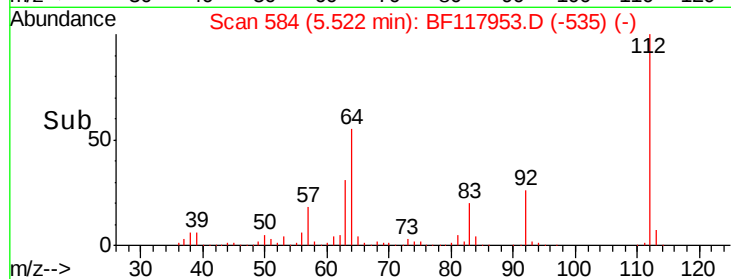
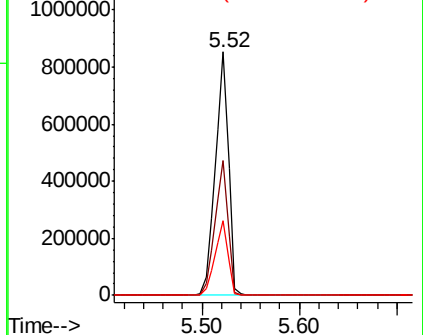
Tot Ion:	112	Resp:	800650
Ion Ratio	Lower	Upper	
112	100		
64	55.4	45.6	68.4
63	30.6	24.1	36.1

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.040 ng

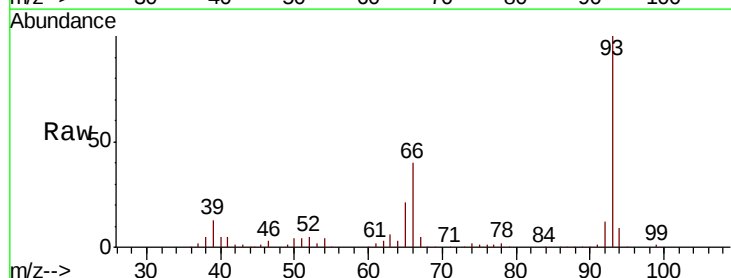
RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

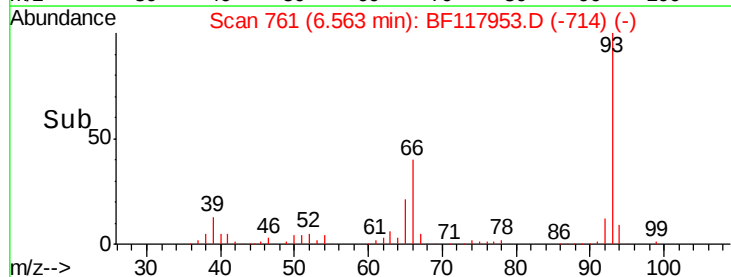
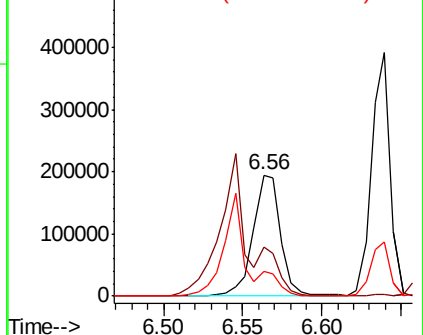
Lab File: BF117953.D

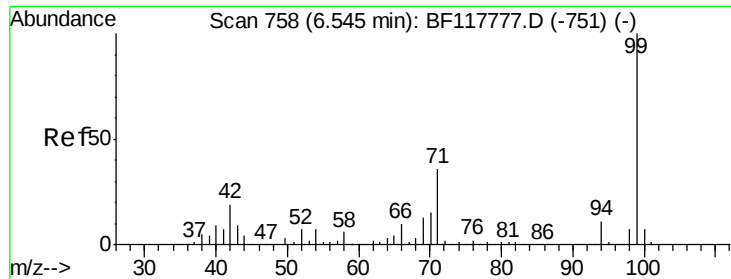
Acq: 23 Nov 2019 13:46

Tgt Ion:	93	Resp:	238157
Ion Ratio	Lower	Upper	
93	100		
66	40.1	30.6	45.8
65	20.5	15.6	23.4



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 126.214 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion: 99 Resp: 1032052

Ion Ratio Lower Upper

99 100

42 18.1 14.9 22.3

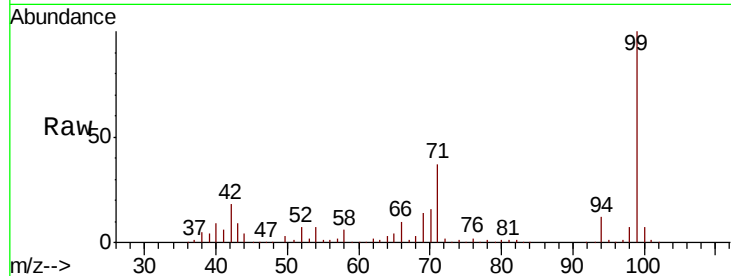
71 37.3 28.6 43.0

Manual Integrations

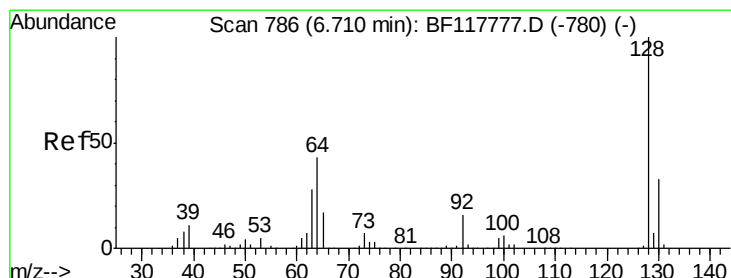
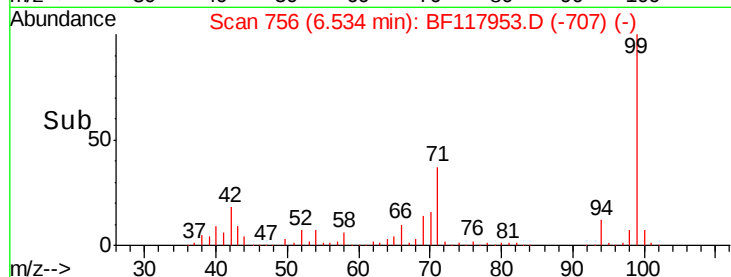
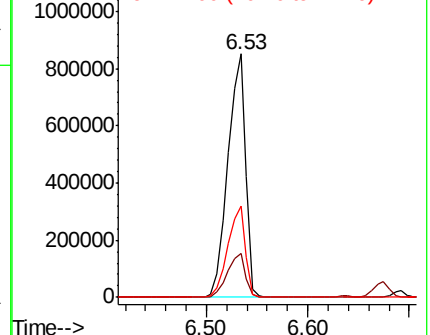
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 50.060 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

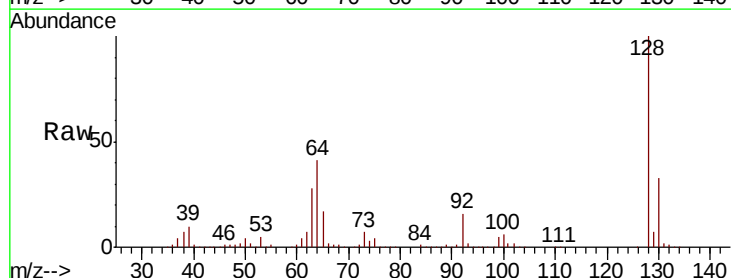
Tgt Ion:128 Resp: 368252

Ion Ratio Lower Upper

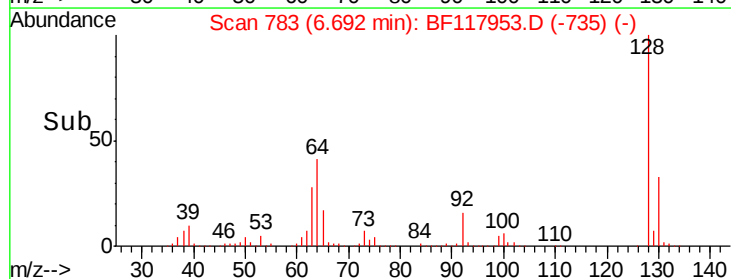
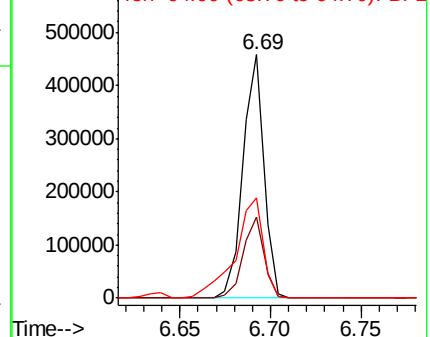
128 100

130 33.4 13.2 53.2

64 41.4 23.7 63.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





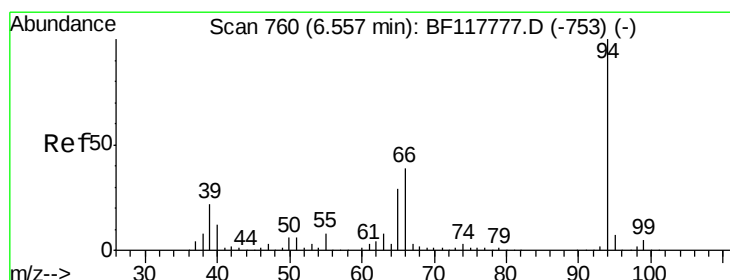
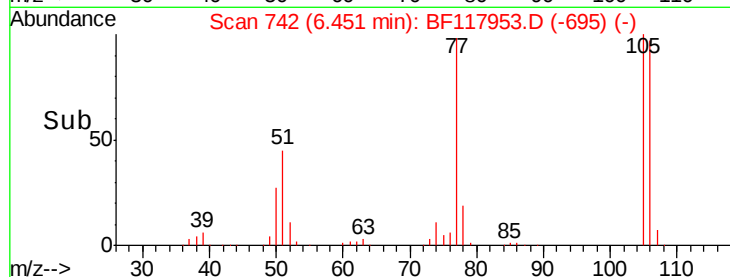
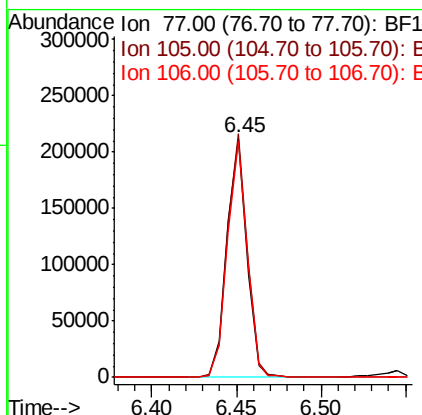
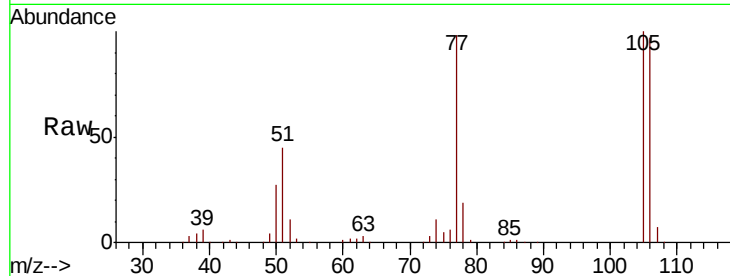
#9
Benzaldehyde
Concen: 30.701 ng
RT: 6.45 min Scan# 742
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	80.2	120.2
106	98.6	78.4	118.4

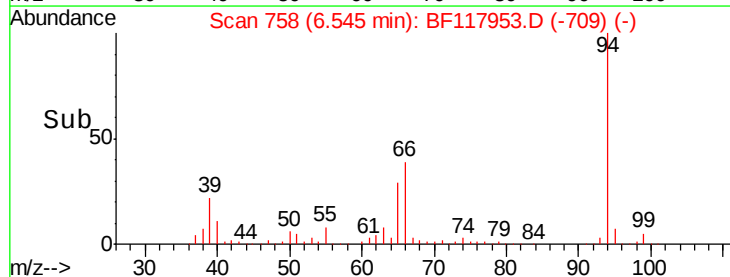
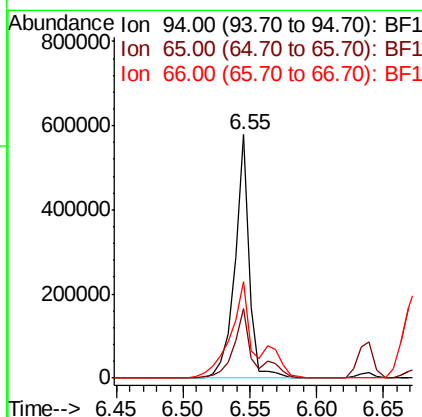
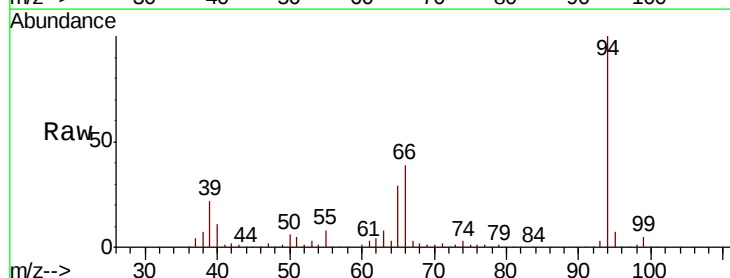
Manual Integrations
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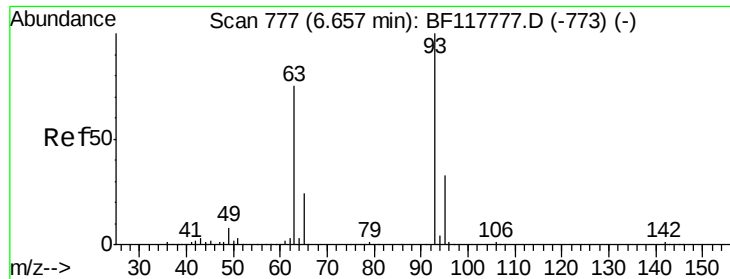
mohammad
11/25/2019 2:32:03 PM



#10
Phenol
Concen: 51.769 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.7	8.9	48.9
66	39.4	18.7	58.7





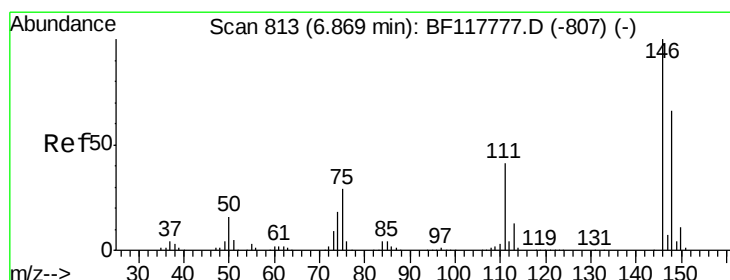
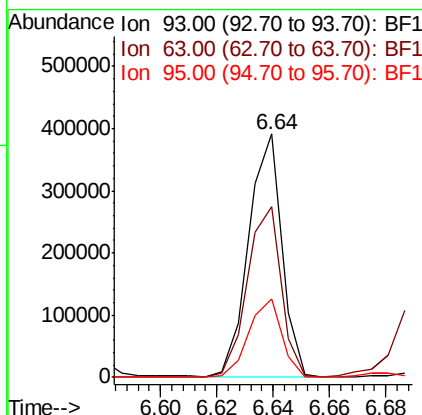
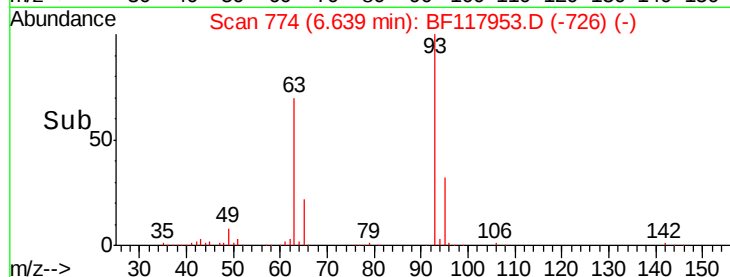
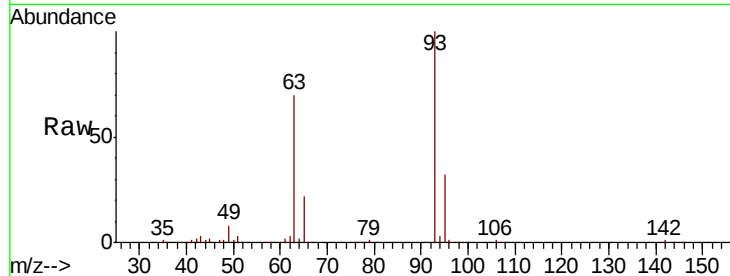
#11
bis(2-Chloroethyl)ether
Concen: 46.605 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	54.8	94.8
95	32.3	12.7	52.7

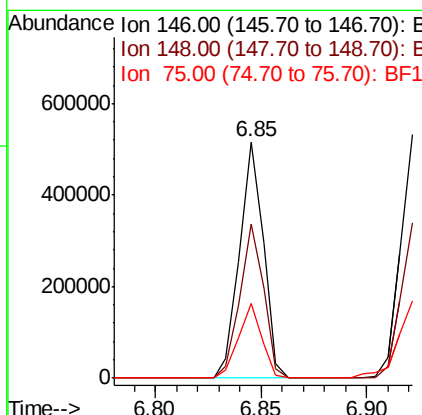
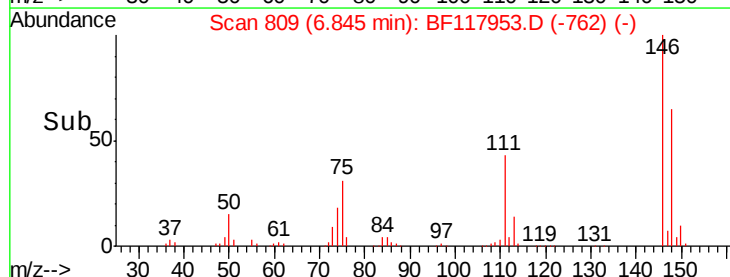
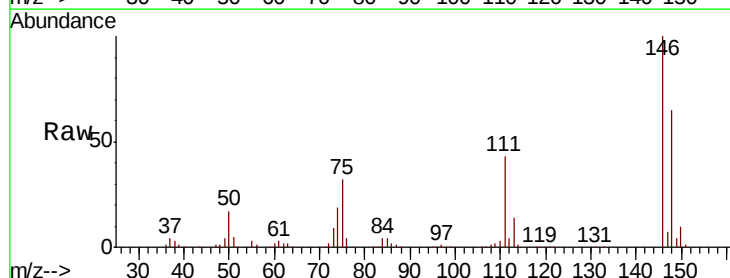
Manual Integrations
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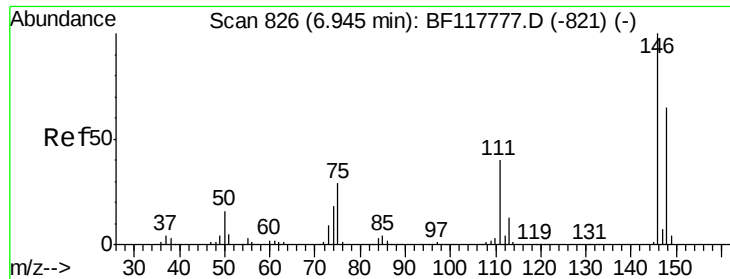
mohammad
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#12
1,3-Dichlorobenzene
Concen: 46.537 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.8	79.2
75	31.7	23.4	35.0





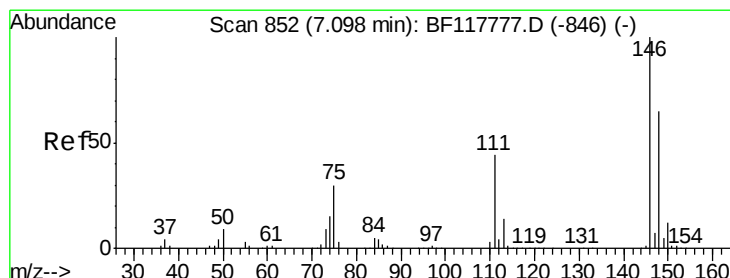
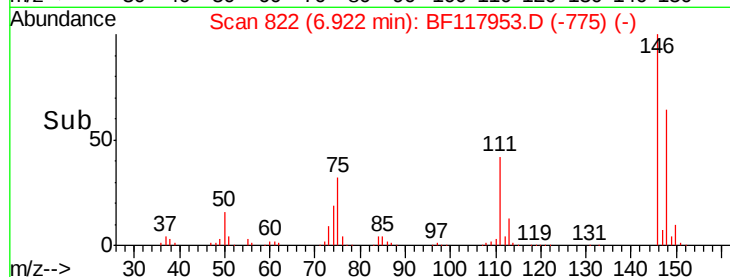
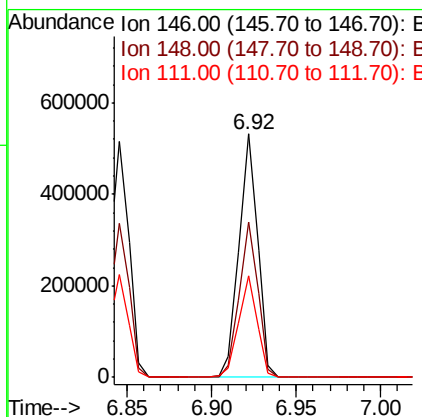
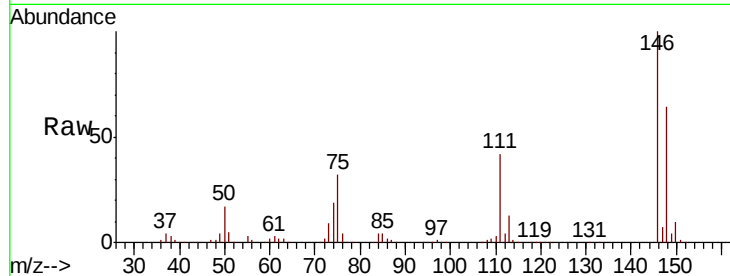
#13
 1,4-Dichlorobenzene
 Concen: 46.814 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	41.7	32.2	48.4

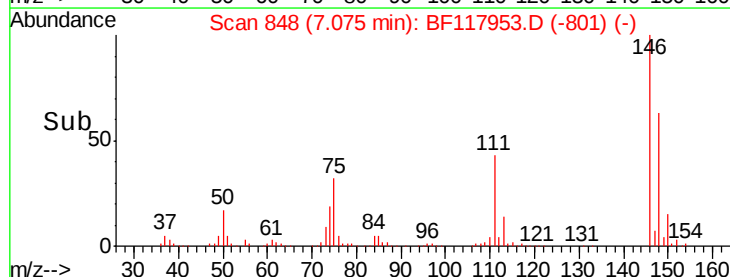
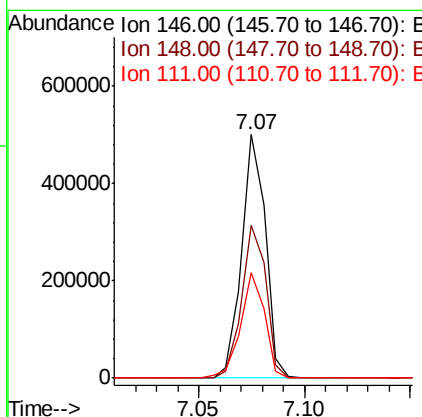
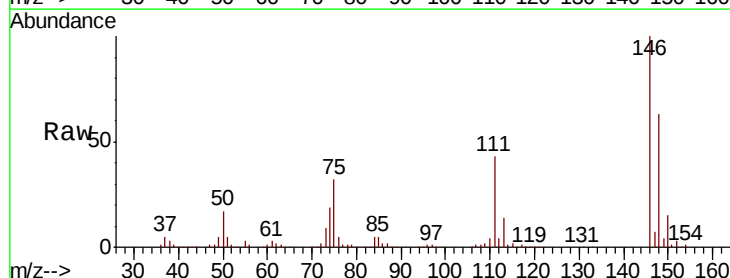
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#14
 1,2-Dichlorobenzene
 Concen: 46.528 ng
 RT: 7.07 min Scan# 848
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.8	77.8
111	43.5	35.0	52.6





#15

Benzyl Alcohol

Concen: 51.410 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

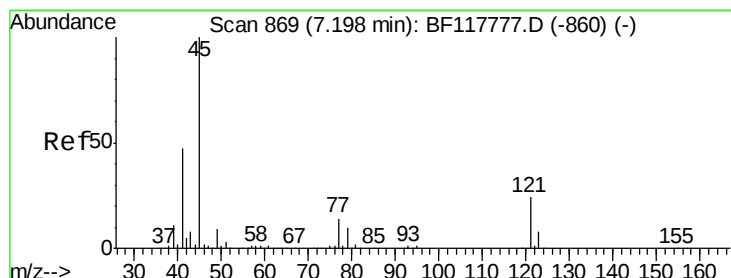
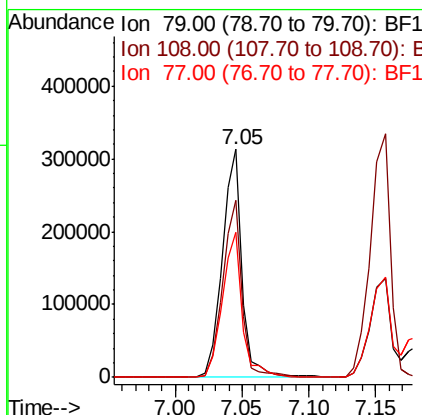
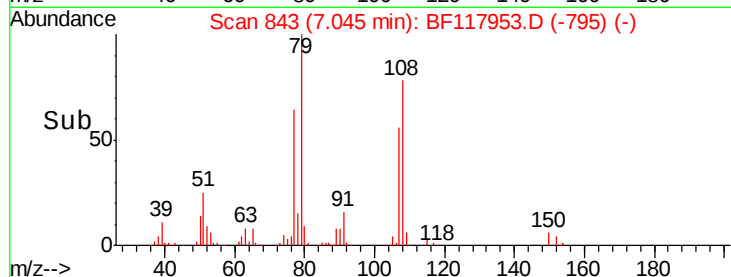
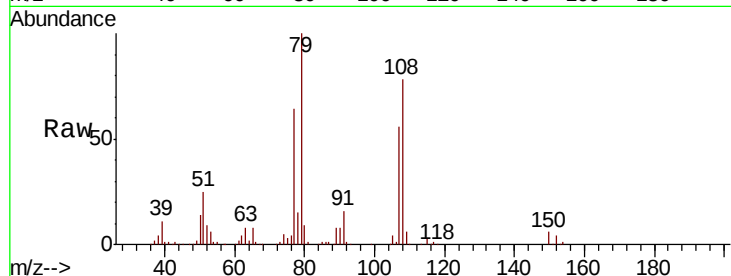
ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:	79	Resp:	324555
Ion Ratio	Lower	Upper	
79	100		
108	77.8	64.1	96.1
77	63.9	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.672 ng

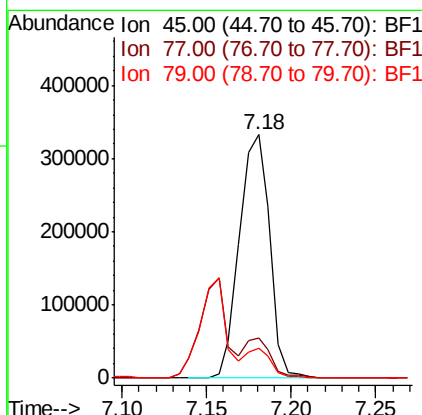
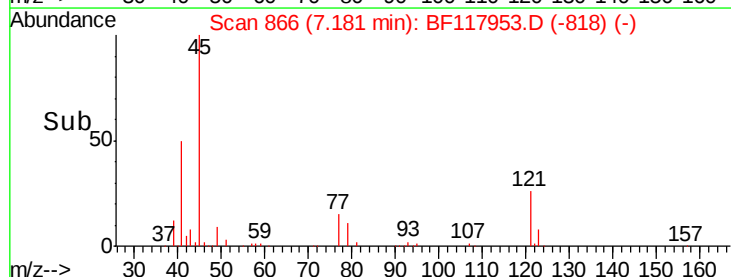
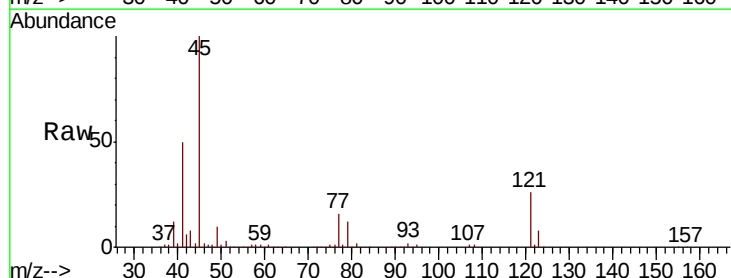
RT: 7.18 min Scan# 866

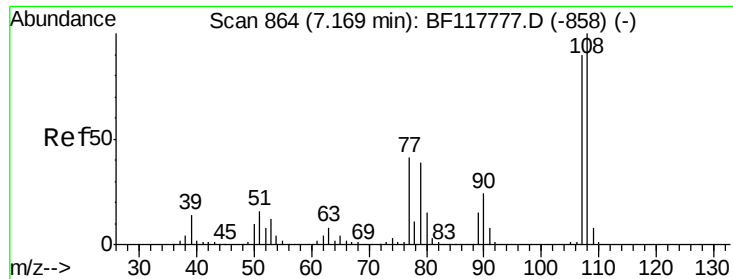
Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Tgt Ion:	45	Resp:	416778
Ion Ratio	Lower	Upper	
45	100		
77	16.4	0.0	35.0
79	12.3	0.0	31.1





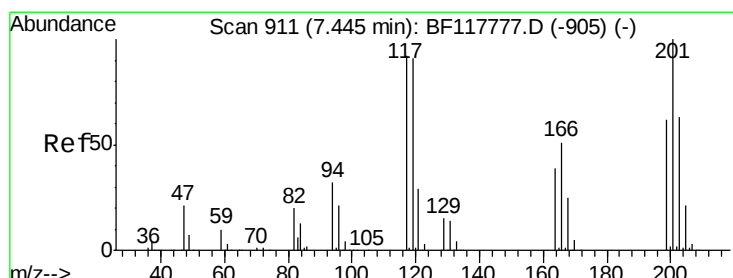
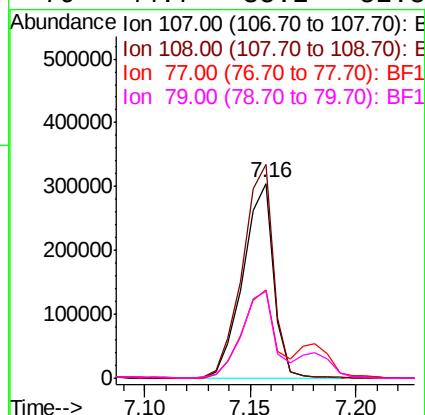
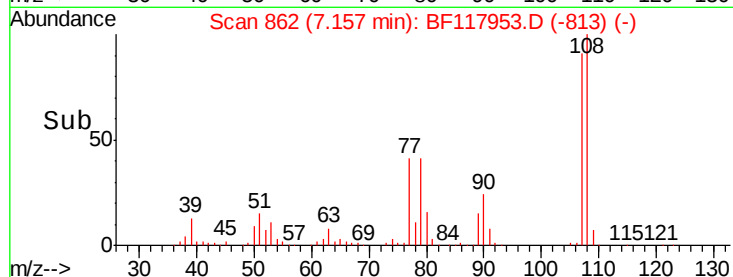
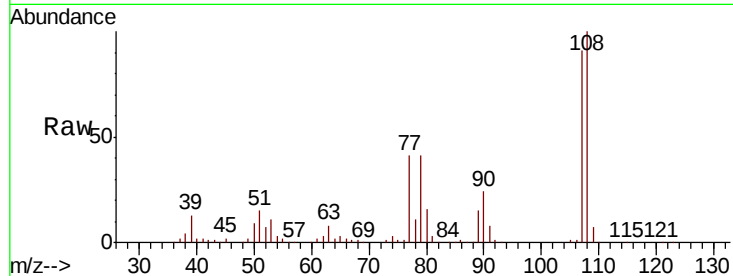
#17
2-Methylphenol
Concen: 49.300 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	89.1	133.7
77	45.1	36.6	54.8
79	44.7	35.2	52.8

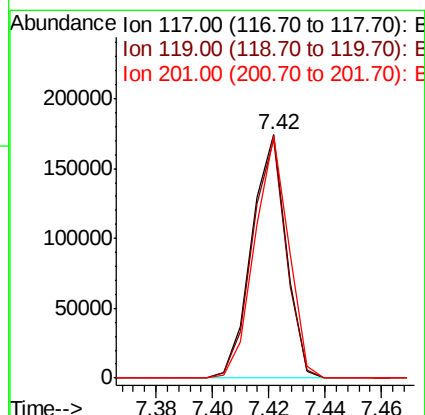
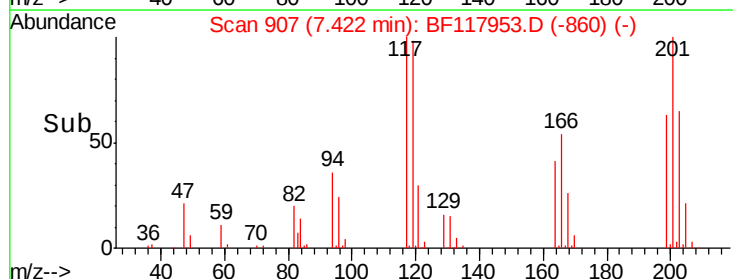
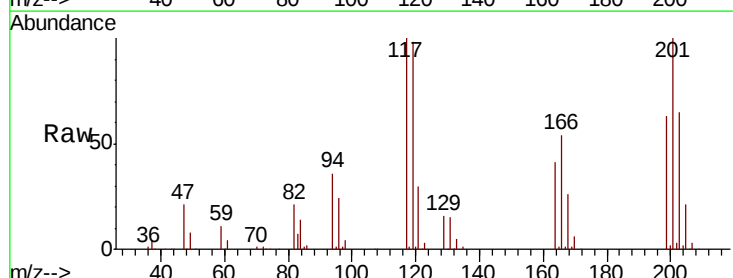
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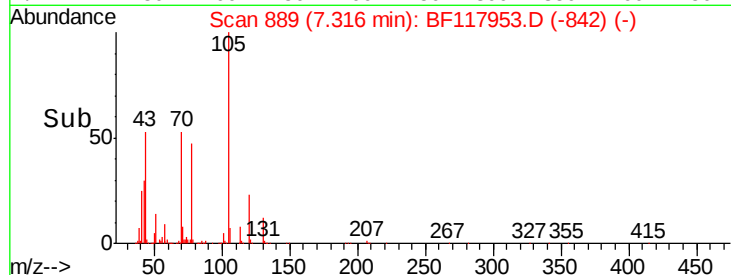
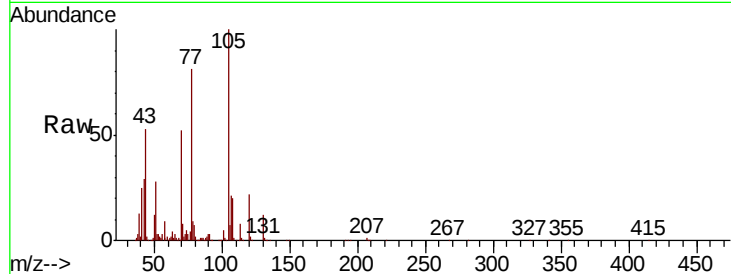
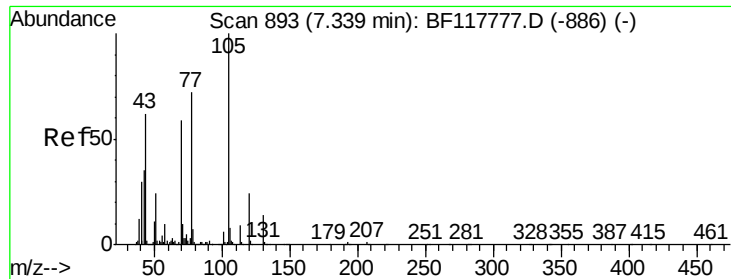
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#18
Hexachloroethane
Concen: 45.797 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.7	118.1
201	99.8	86.5	129.7





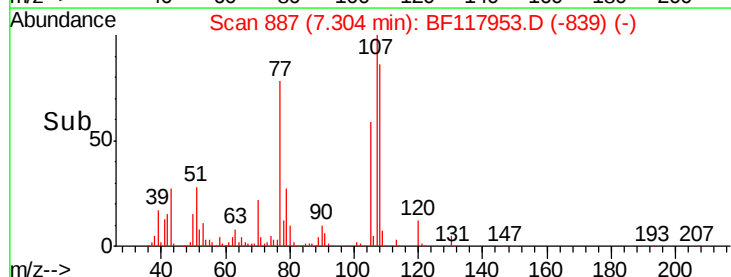
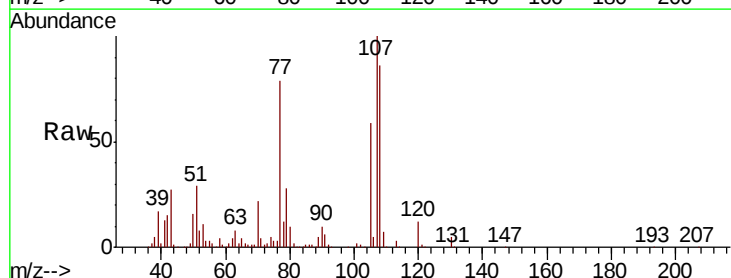
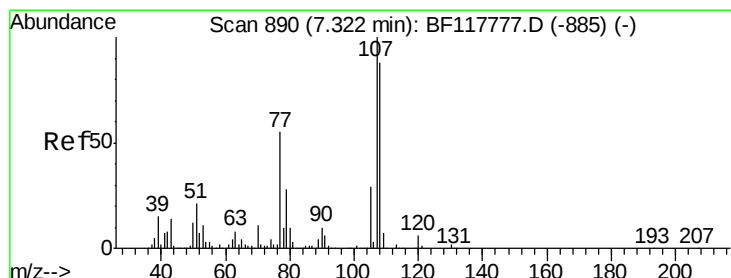
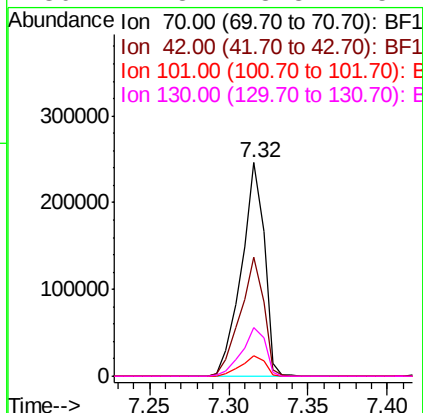
#19
n-Nitroso-di-n-propylamine
Concen: 48.744 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.9	47.4	71.2
101	9.7	8.4	12.6
130	22.8	18.8	28.2

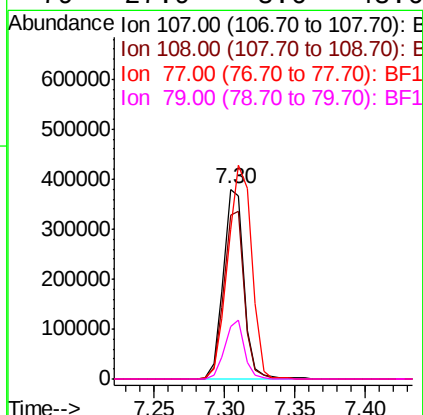
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#20
3+4-Methylphenols
Concen: 49.828 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	68.4	108.4
77	78.7	35.2	75.2#
79	27.9	8.6	48.6





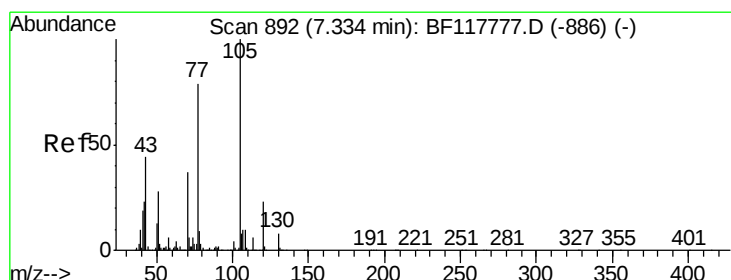
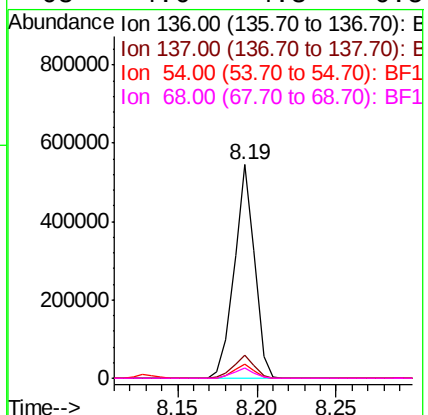
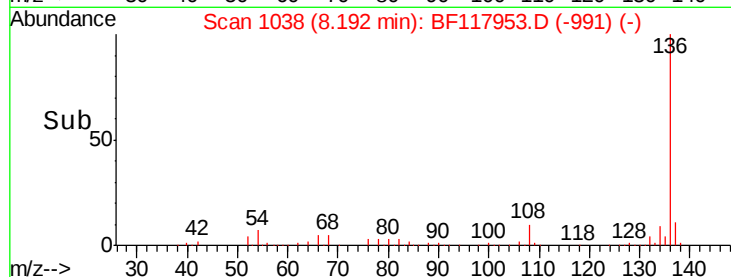
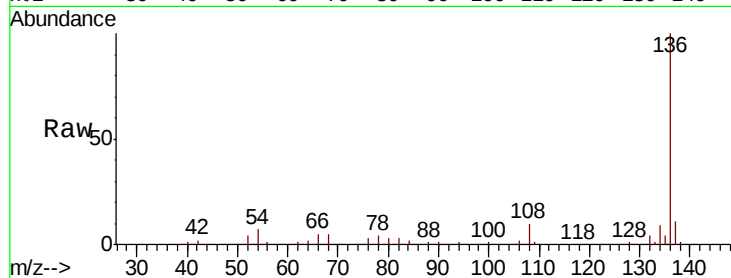
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		480696		
137	11.0	9.0	13.4		
54	6.5	5.4	8.2		
68	4.6	4.3	6.5		

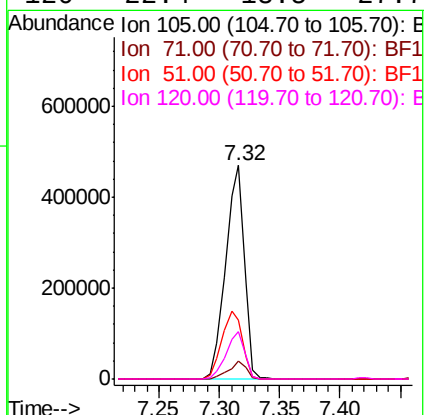
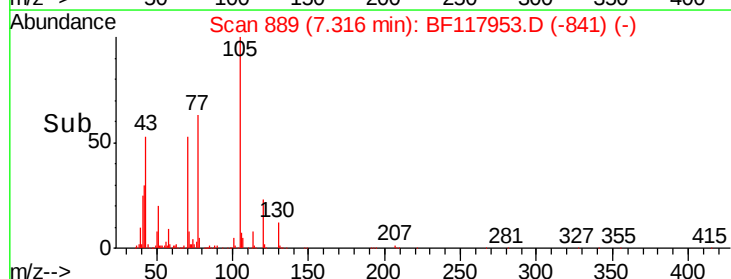
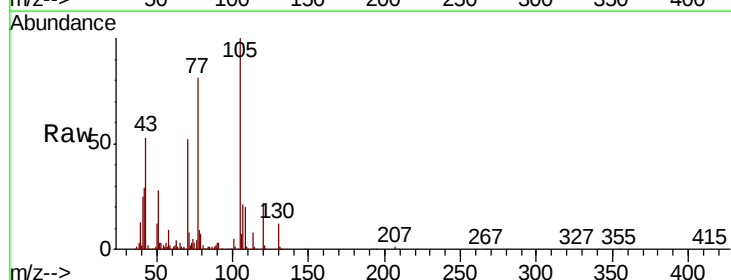
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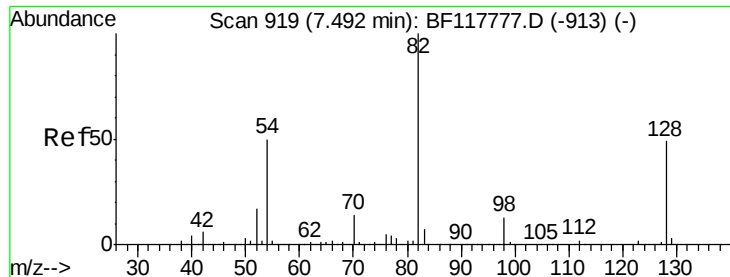
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#22
Acetophenone
Concen: 46.678 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		504111		
71	8.3	4.9	7.3#		
51	27.6	22.7	34.1		
120	22.4	18.5	27.7		





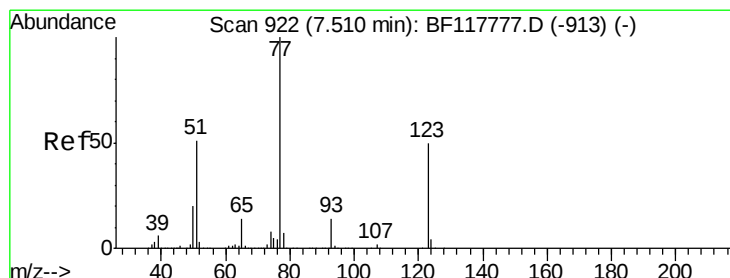
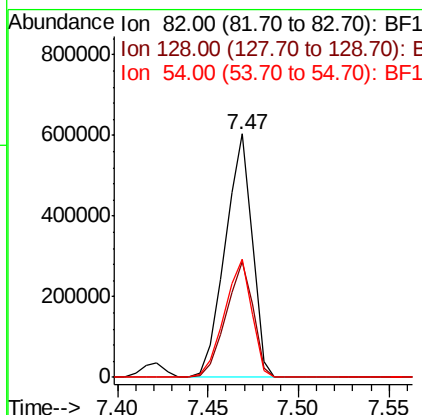
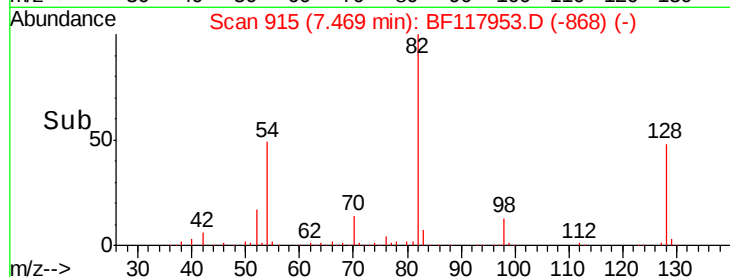
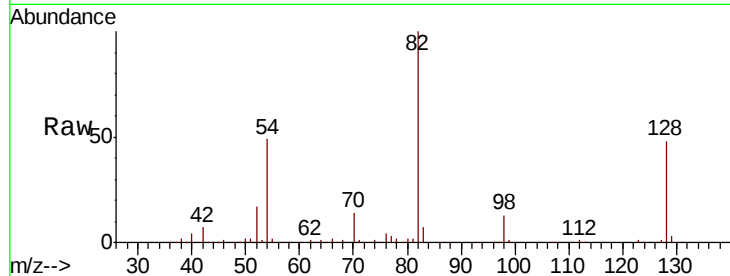
#23
Nitrobenzene-d5
Concen: 77.780 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.9	58.3
54	48.6	39.8	59.6

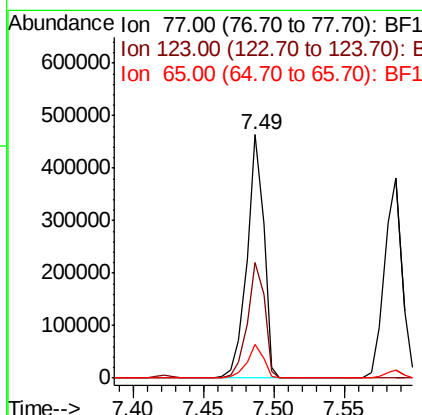
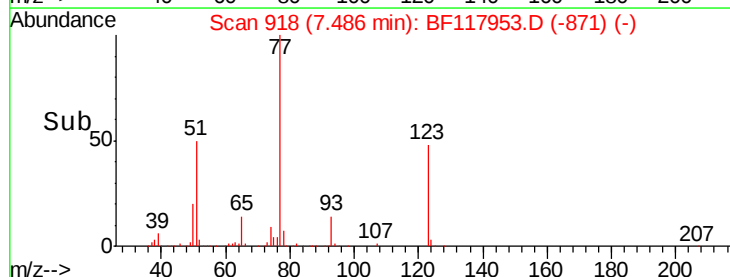
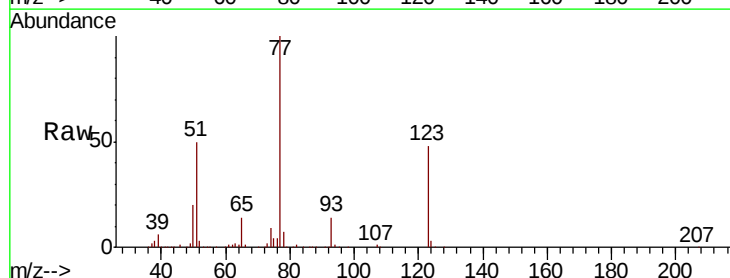
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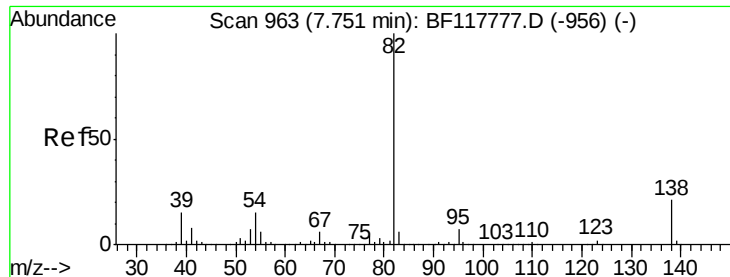
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#24
Nitrobenzene
Concen: 46.600 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.3	60.5
65	13.8	10.9	16.3





#25

Isophorone

Concen: 46.474 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

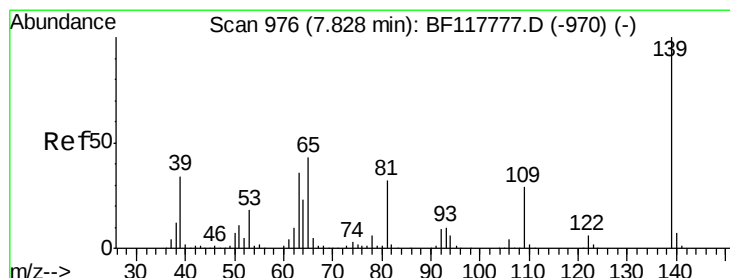
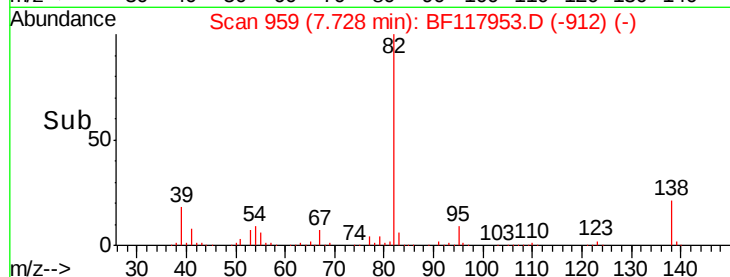
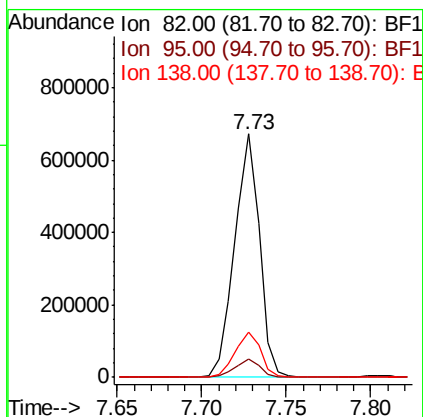
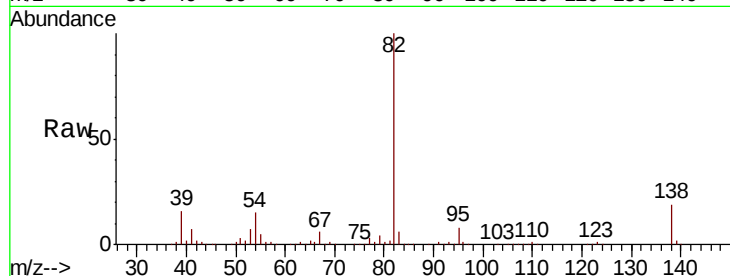
ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:	82	Resp:	688786
Ion Ratio	Lower	Upper	
82	100		
95	7.6	5.8	8.8
138	18.8	16.5	24.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.024 ng

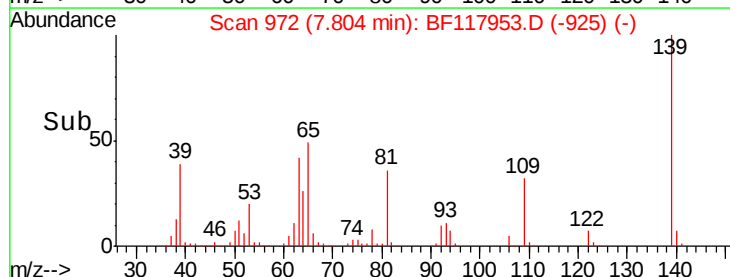
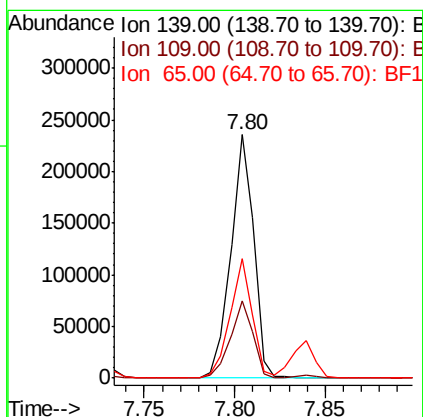
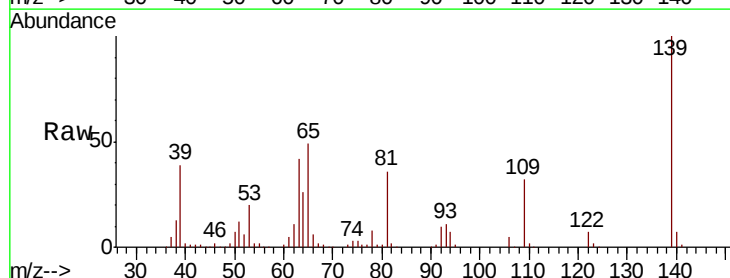
RT: 7.80 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Tgt Ion:	139	Resp:	207172
Ion Ratio	Lower	Upper	
139	100		
109	31.7	23.0	34.4
65	49.1	34.7	52.1





#27

2,4-Dimethylphenol

Concen: 51.798 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

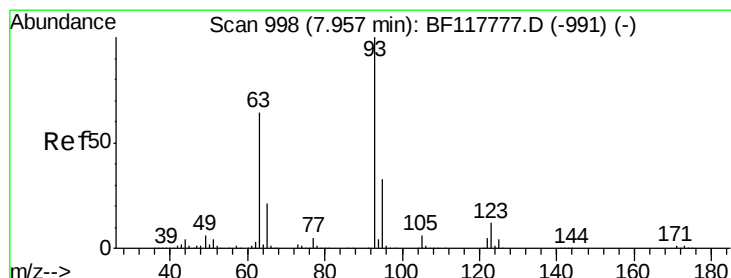
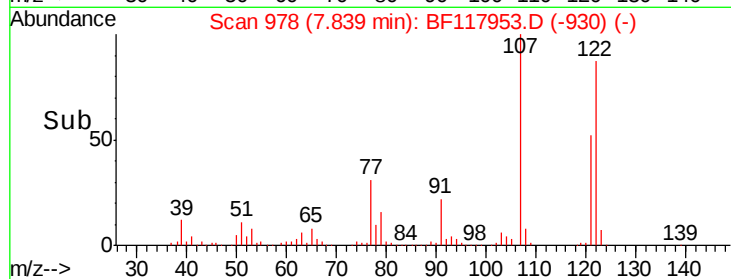
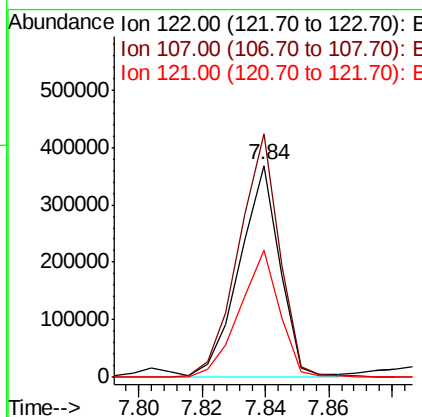
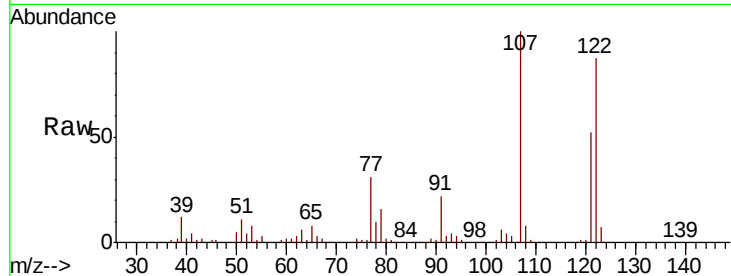
ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.0	90.0	135.0
121	59.8	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 43.849 ng

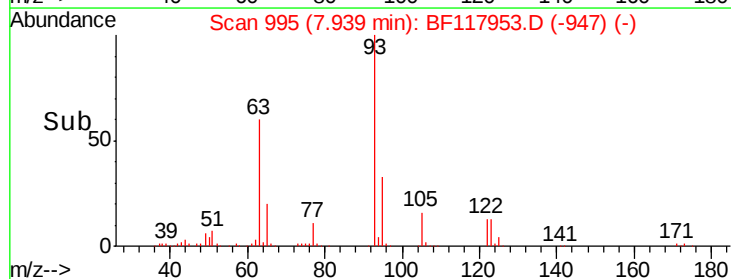
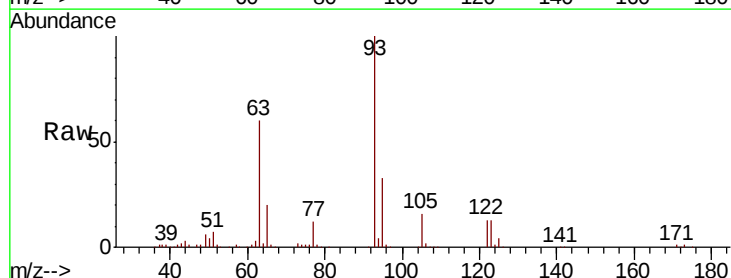
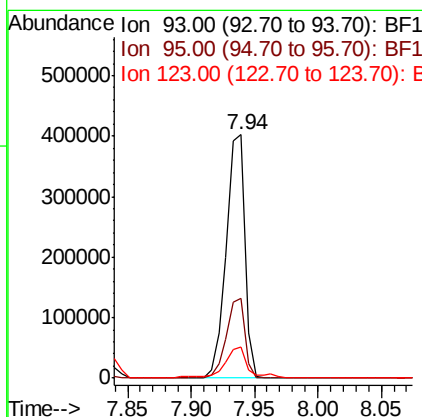
RT: 7.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	40.0
123	12.7	10.3	15.5





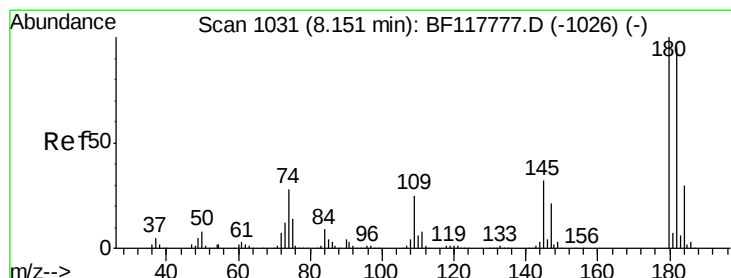
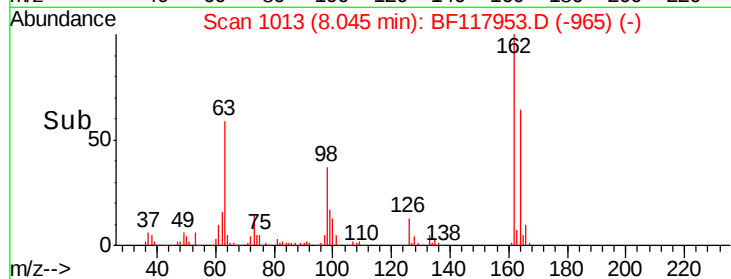
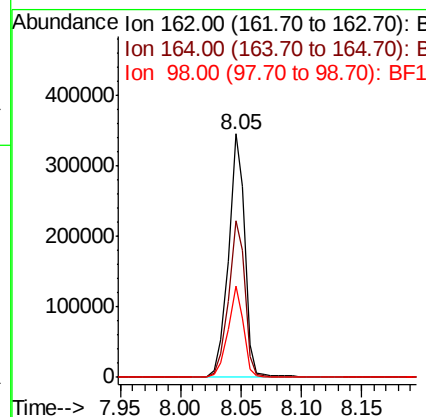
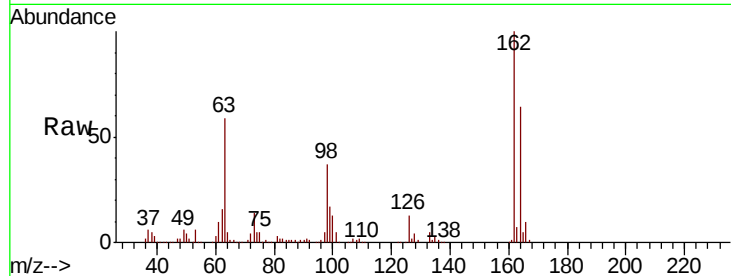
#29
2,4-Dichlorophenol
Concen: 46.926 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	321151		
164	64.4	45.1	85.1	
98	37.5	17.2	57.2	

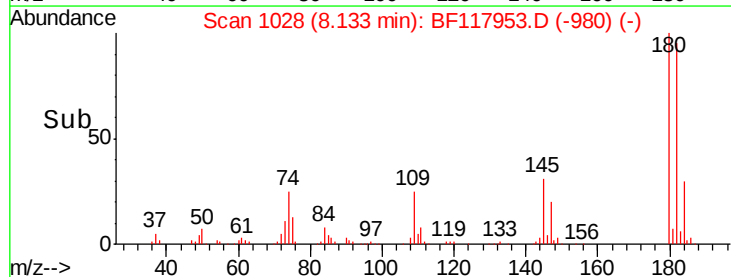
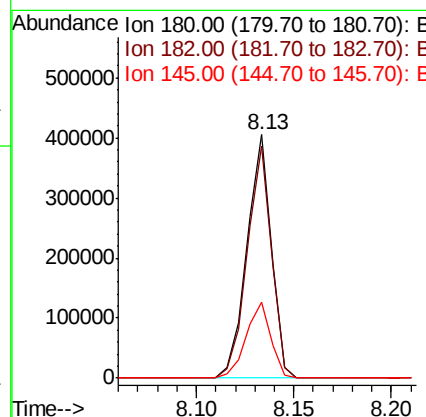
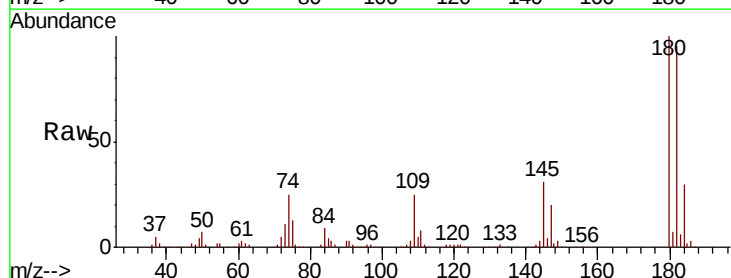
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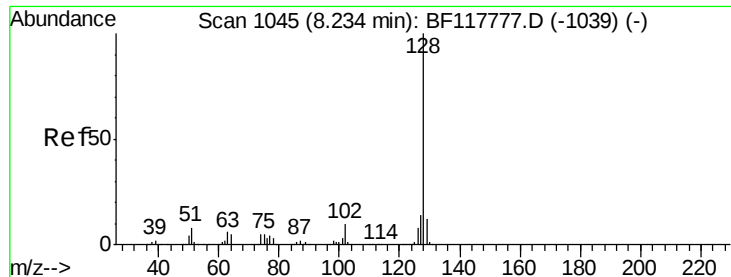
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#30
1,2,4-Trichlorobenzene
Concen: 44.143 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350420		
182	95.1	75.8	113.6	
145	31.2	25.5	38.3	





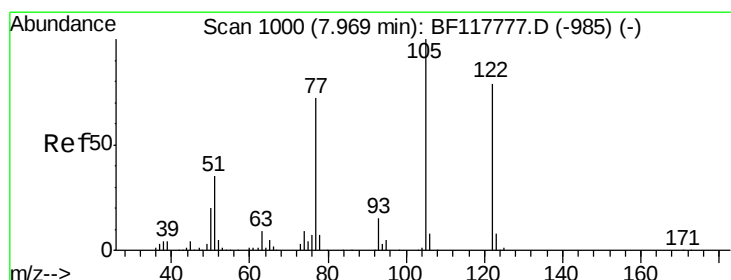
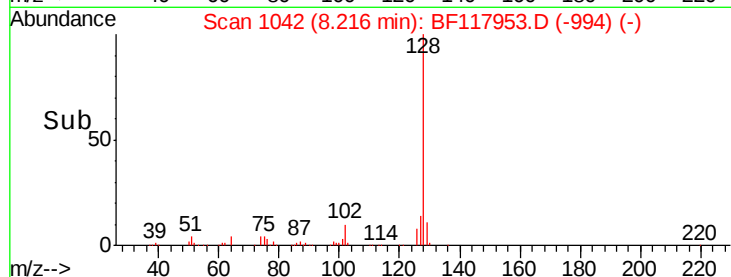
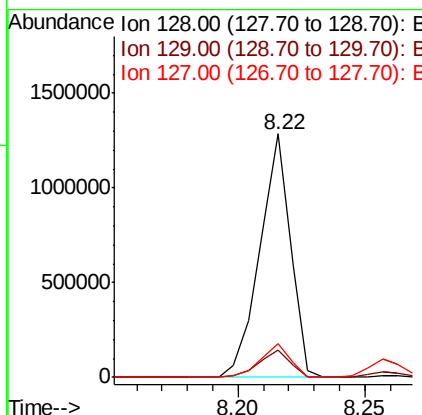
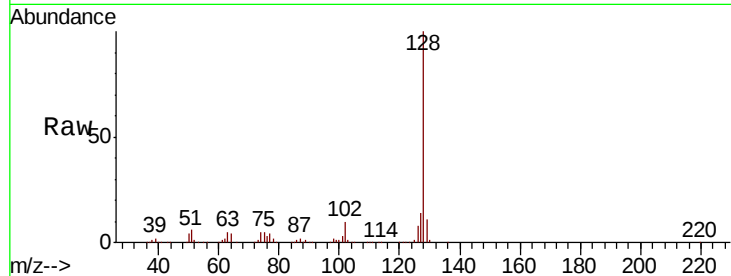
#31
Naphthalene
Concen: 48.818 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.7	11.3	16.9

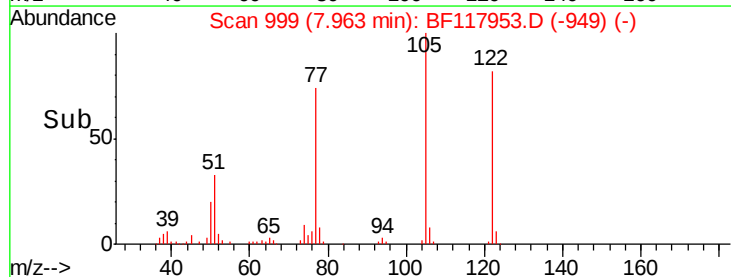
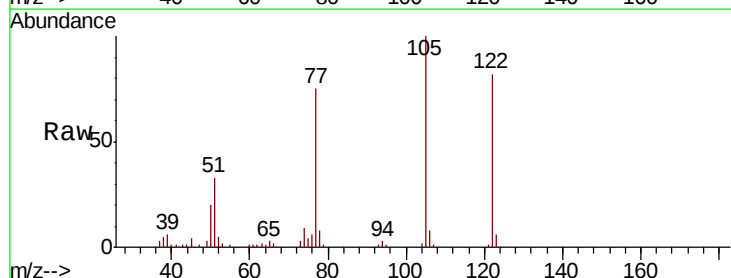
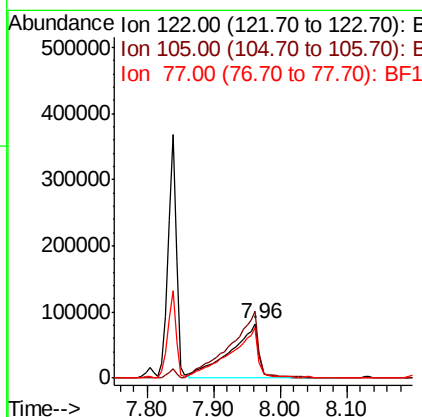
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#32
Benzoic acid
Concen: 46.924 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	102.7	142.7
77	91.3	70.5	110.5





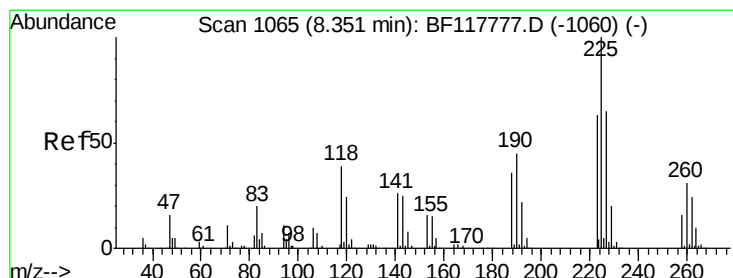
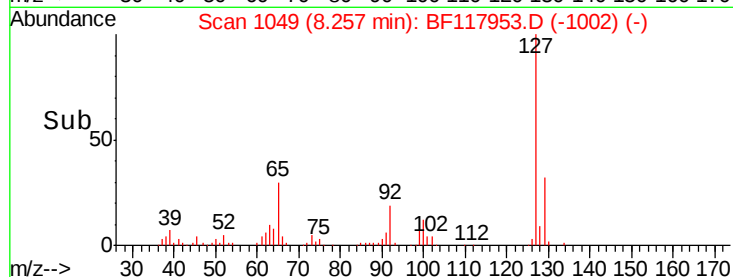
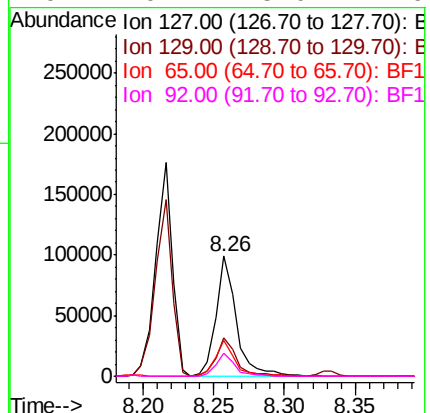
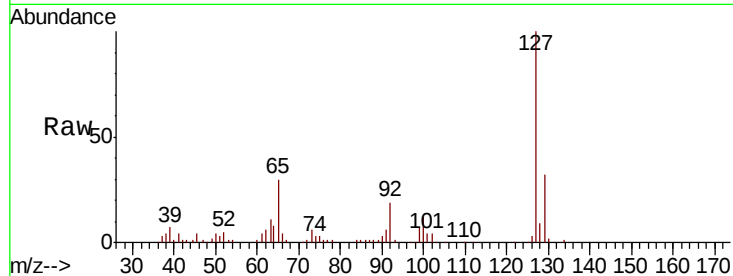
#33
4-Chloroaniline
Concen: 9.856 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.6	26.5	39.7		
65	29.6	22.9	34.3		
92	19.1	15.0	22.6		

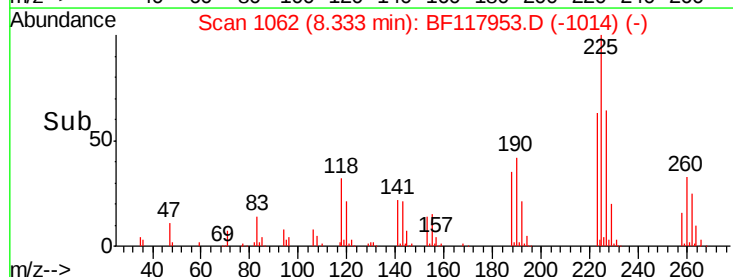
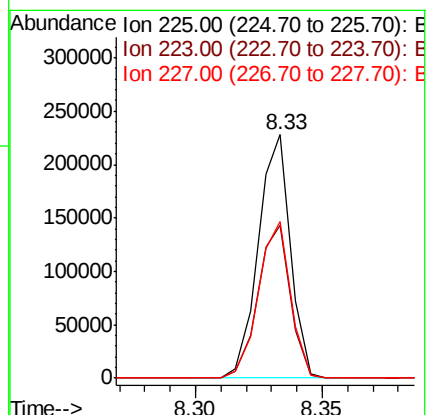
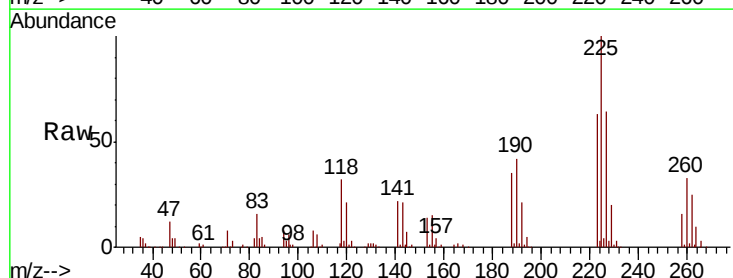
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#34
Hexachlorobutadiene
Concen: 43.191 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	50.0	75.0		
227	64.4	51.8	77.6		





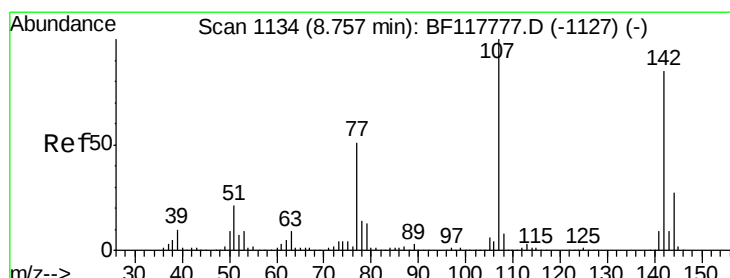
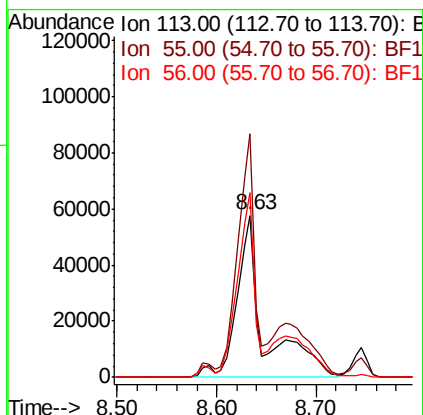
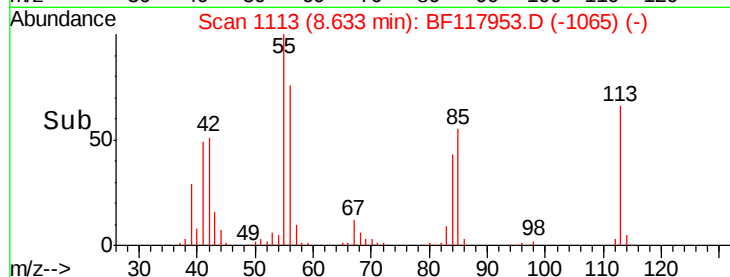
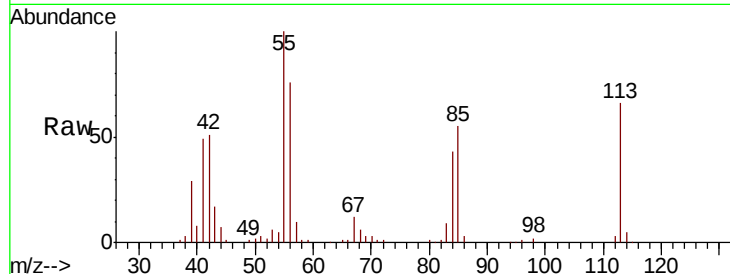
#35
Caprolactam
Concen: 49.849 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	150.5	141.1	181.1
56	114.3	100.5	140.5

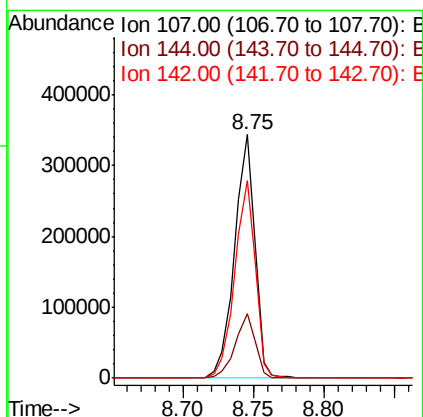
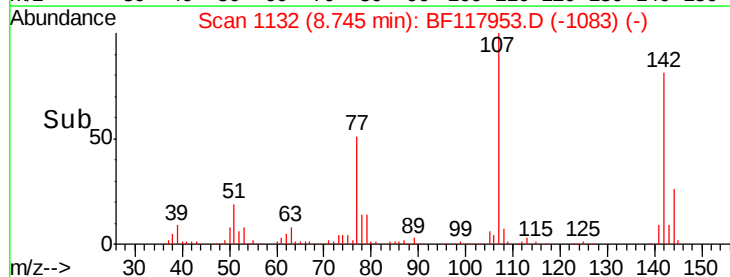
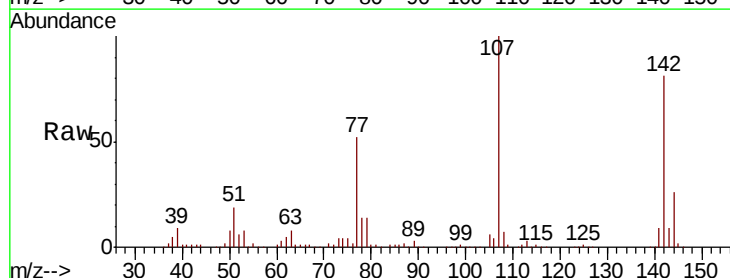
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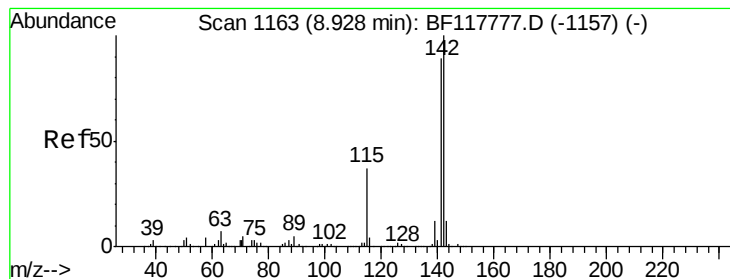
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#36
4-Chloro-3-methylphenol
Concen: 50.162 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.3	21.9	32.9
142	80.9	67.7	101.5





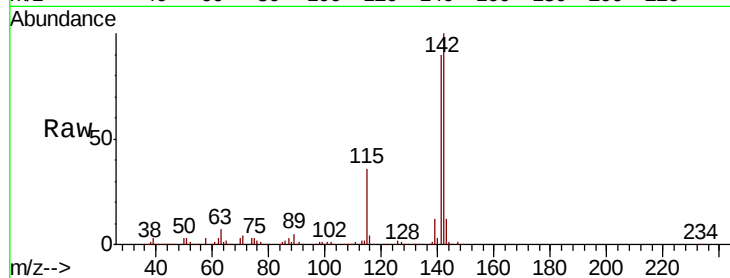
#37
2-Methylnaphthalene
Concen: 49.945 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.1	106.7
115	36.4	29.2	43.8

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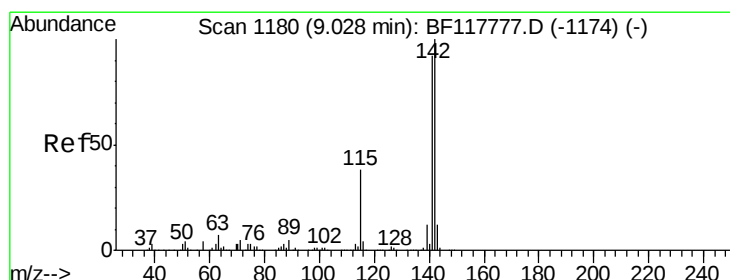
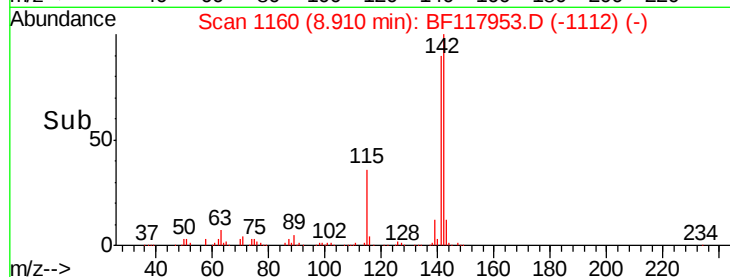
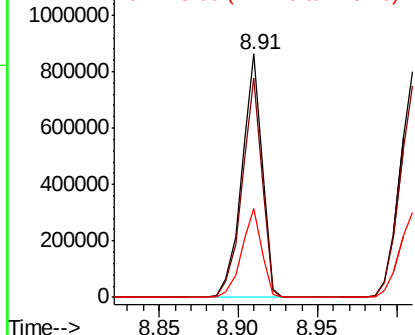


Abundance

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: 49.896 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

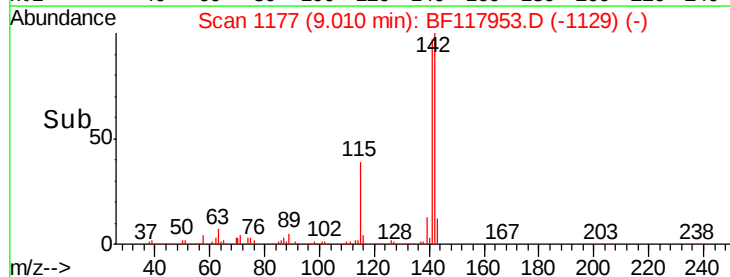
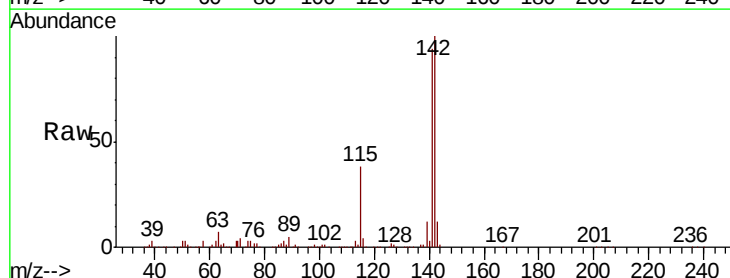
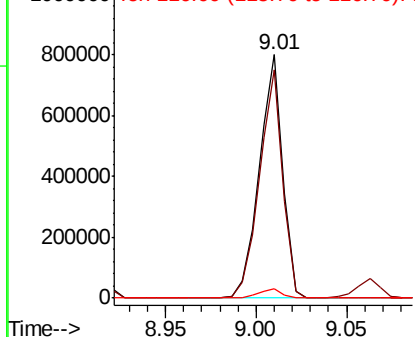
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.5	110.3
116	3.8	3.2	4.8

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





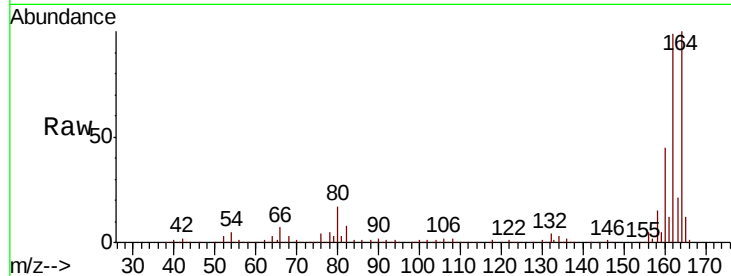
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	265107		
162	99.3	81.3	121.9	
160	44.6	36.6	55.0	

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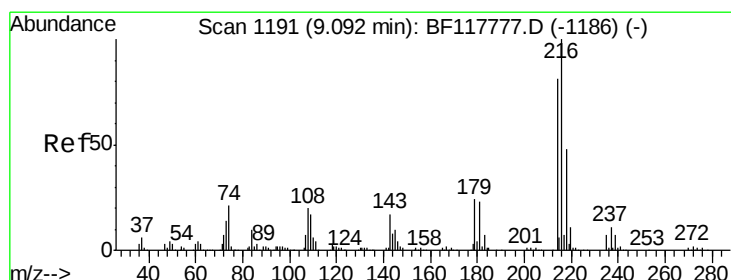
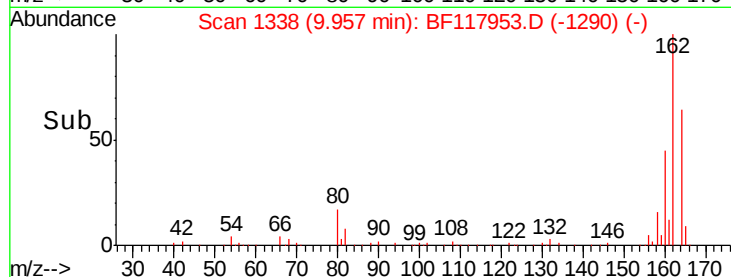
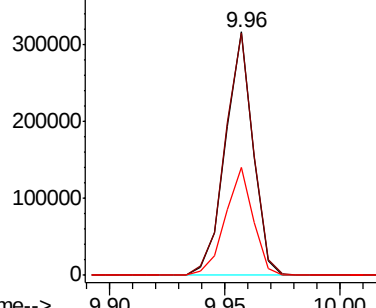


Abundance

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: 43.541 ng
RT: 9.07 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	335218		
214	78.3	63.4	95.0	
179	22.8	18.2	27.4	
108	22.3	16.0	24.0	

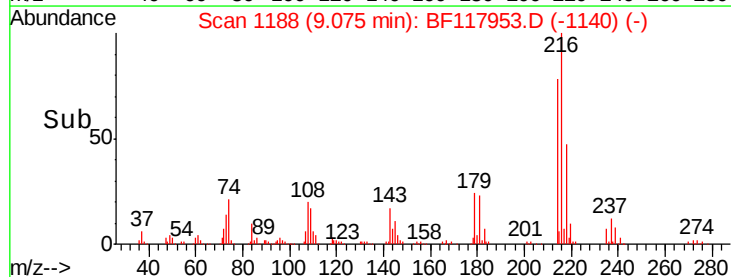
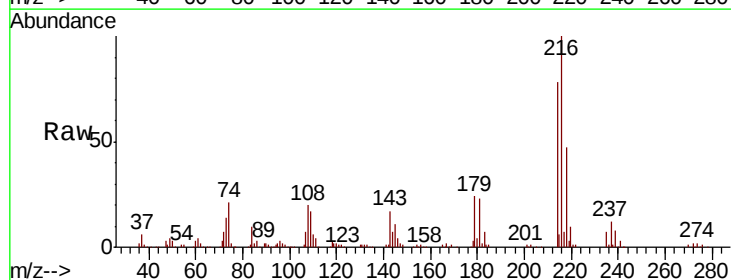
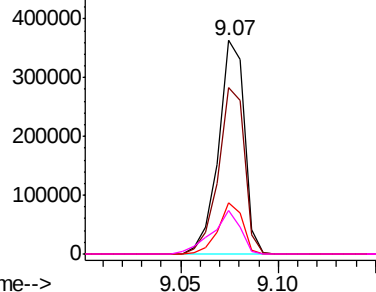
Abundance

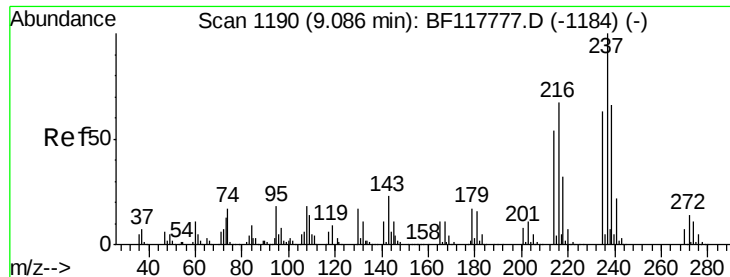
Ion 216.00 (215.70 to 216.70): E

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: 100.213 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

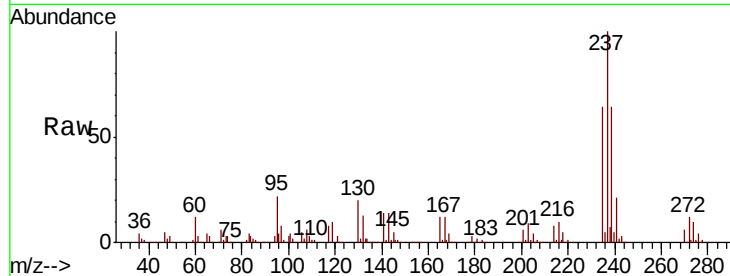
ClientSampleId :

CARRIAGE-COURTMSD

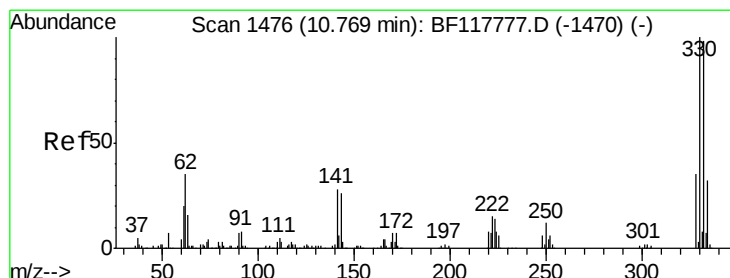
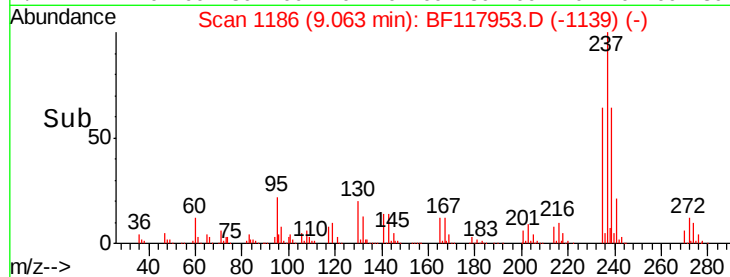
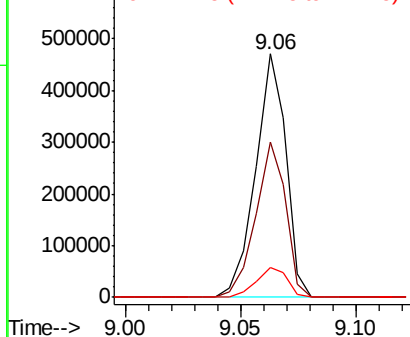
Tot Ion:	237	Resp:	432369
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.6	82.6
272	12.5	0.0	34.3

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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: 125.243 ng

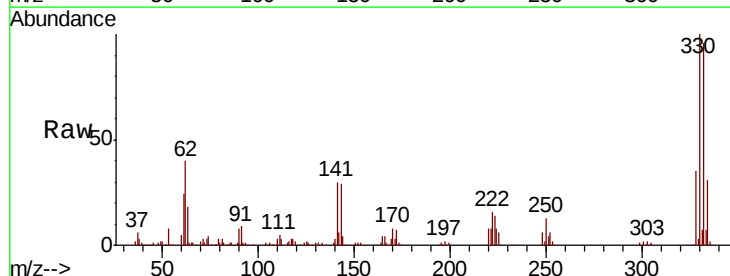
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

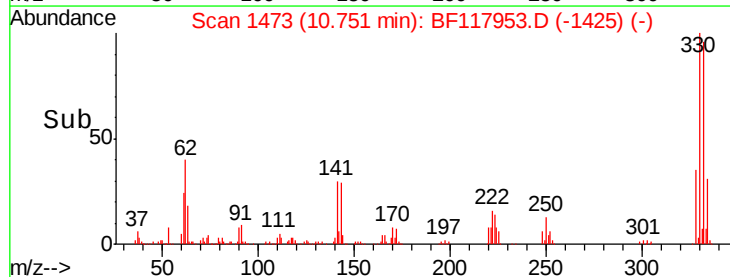
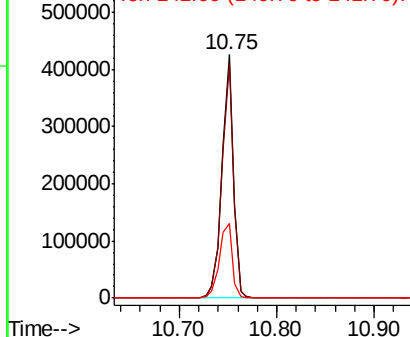
Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Tgt Ion:	330	Resp:	351515
Ion Ratio	Lower	Upper	
330	100		
332	96.4	76.7	115.1
141	34.2	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





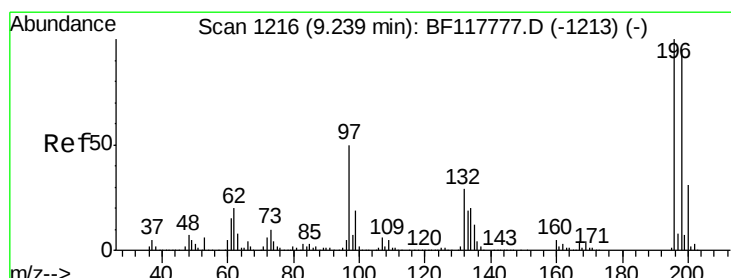
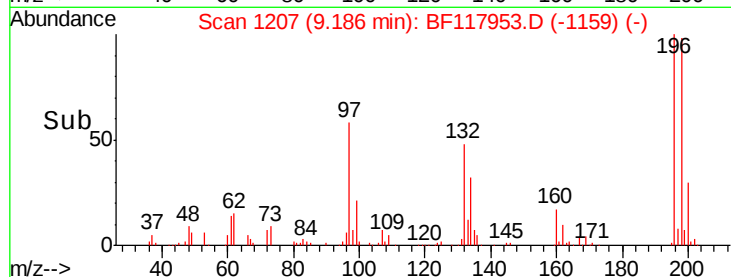
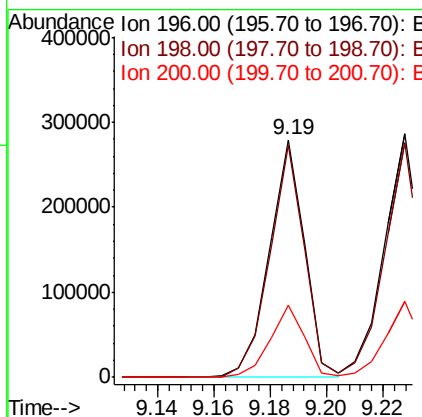
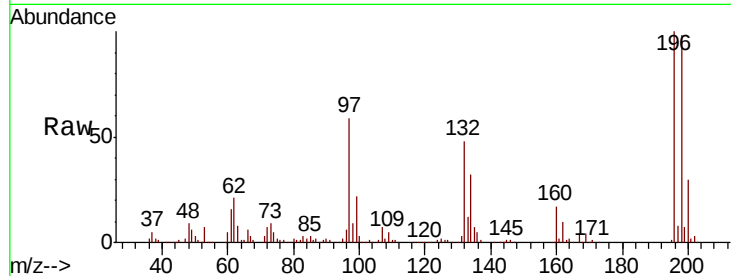
#43
 2,4,6-Trichlorophenol
 Concen: 43.836 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241732		
198	97.7	77.8	116.6	
200	30.4	25.4	38.0	

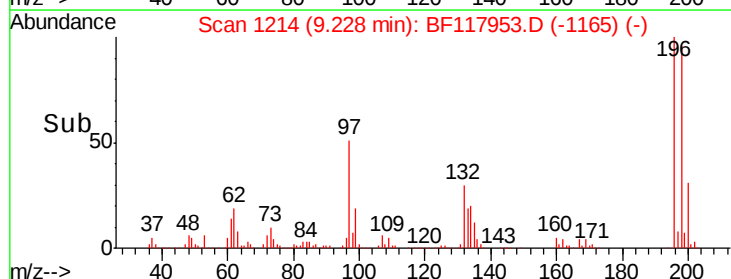
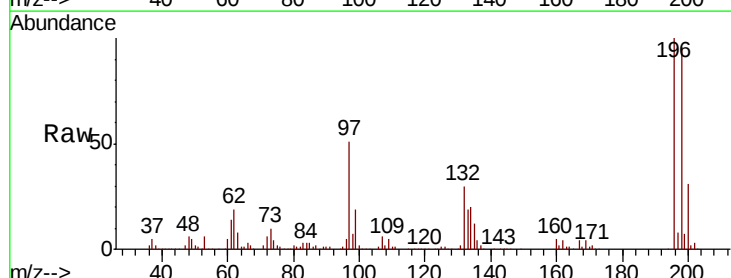
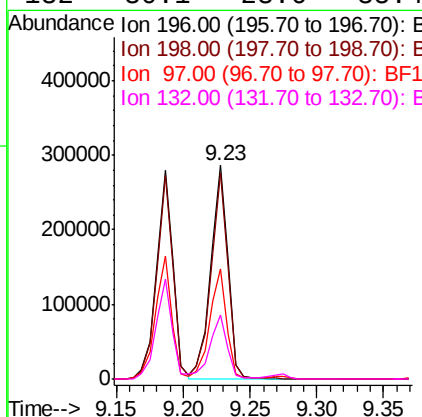
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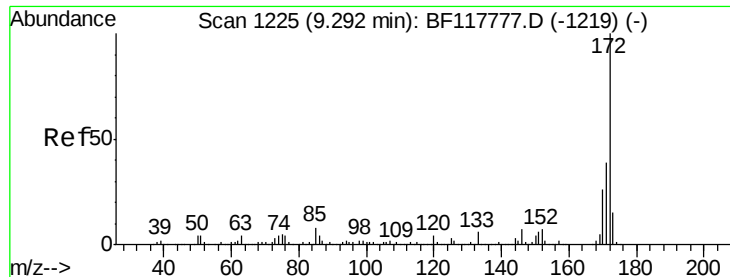
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#44
 2,4,5-Trichlorophenol
 Concen: 45.689 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	261592		
198	96.3	76.3	114.5	
97	51.4	40.0	60.0	
132	30.1	23.6	35.4	





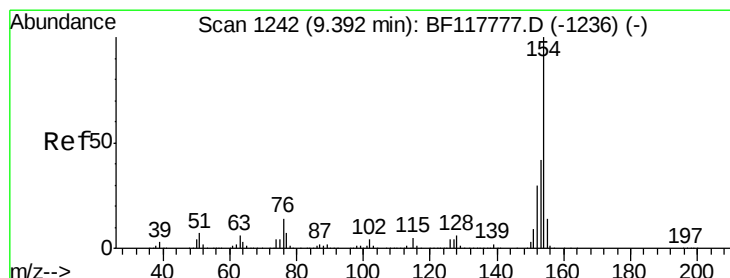
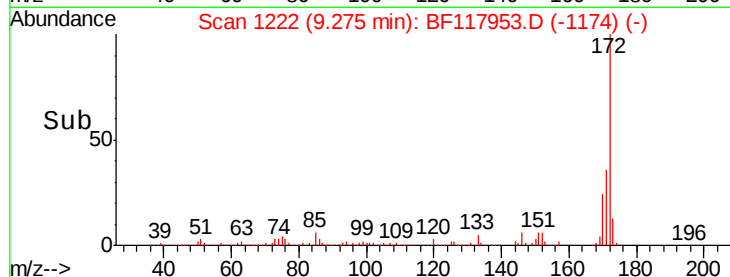
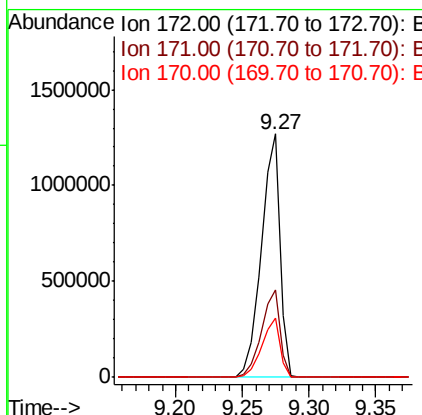
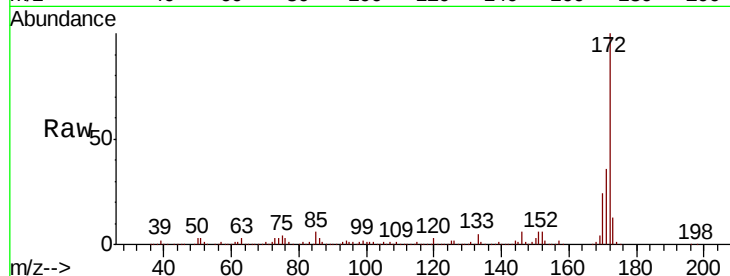
#45
2-Fluorobiphenyl
Concen: 81.825 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion:172 Resp: 1209143
Ion Ratio Lower Upper
172 100
171 35.8 30.9 46.3
170 24.2 21.0 31.4

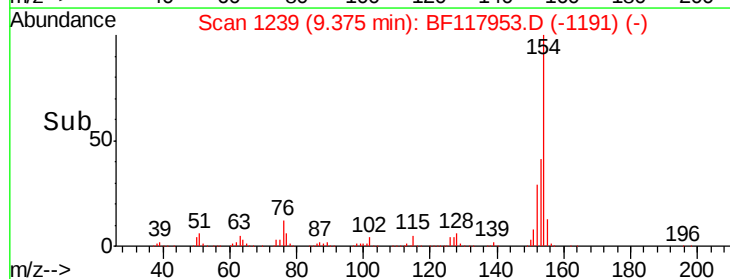
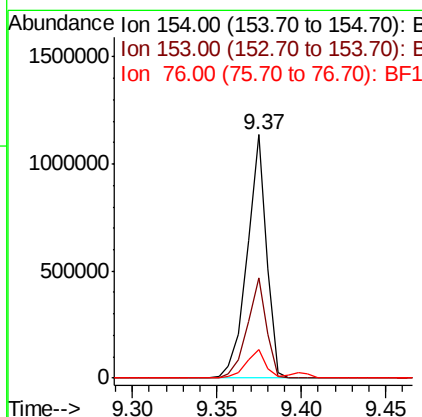
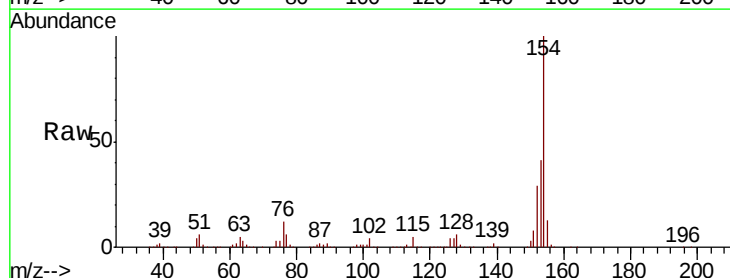
Manual Integrations
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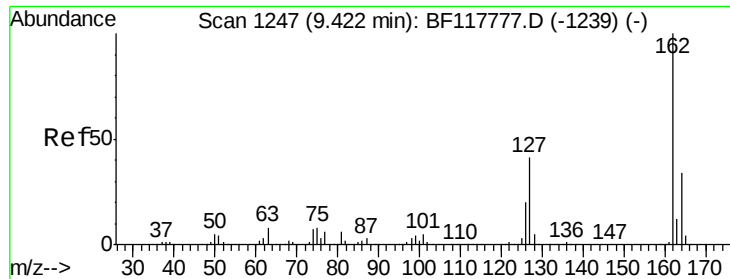
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#46
1,1'-Biphenyl
Concen: 46.339 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:154 Resp: 911422
Ion Ratio Lower Upper
154 100
153 41.3 21.9 61.9
76 11.8 0.0 33.6





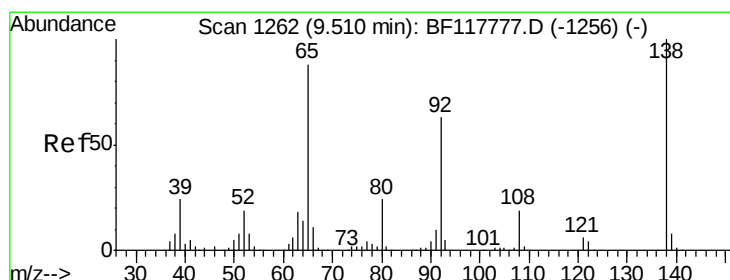
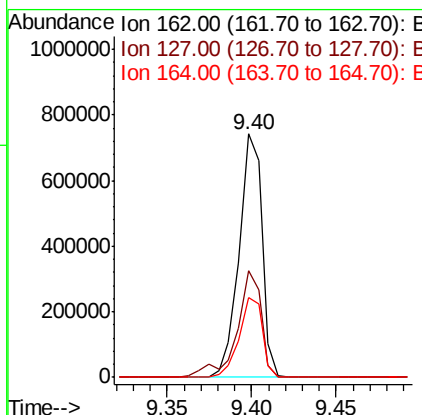
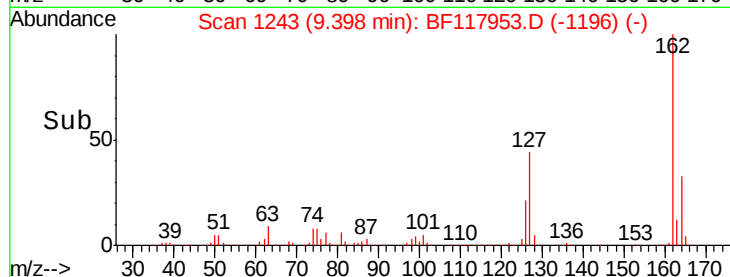
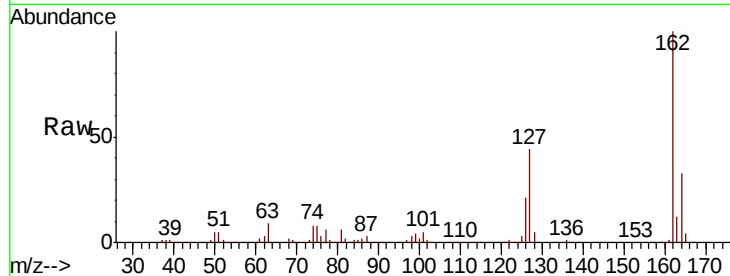
#47
 2-Chloronaphthalene
 Concen: 43.480 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	703518		
127	44.0		33.2	49.8
164	32.7		27.3	40.9

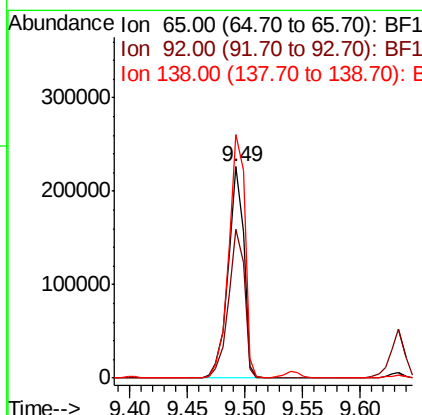
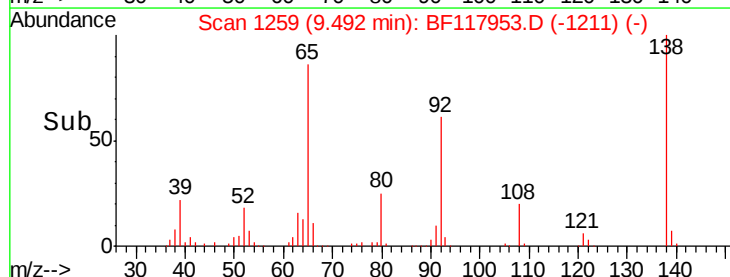
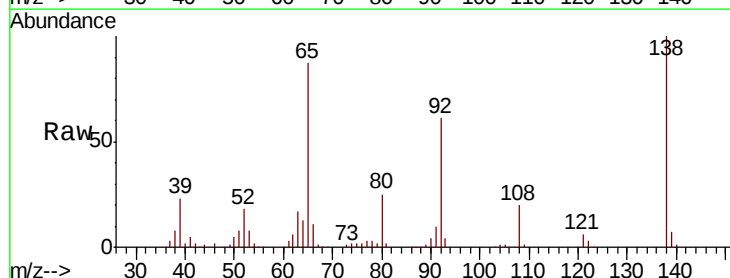
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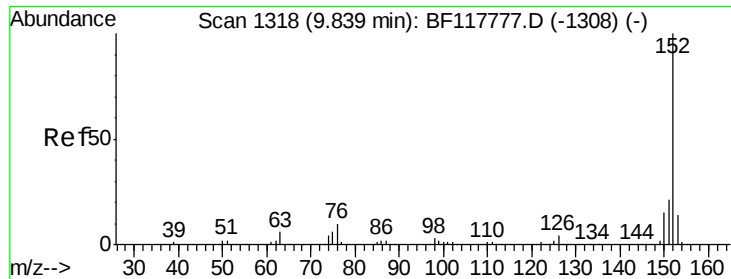
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#48
 2-Nitroaniline
 Concen: 43.653 ng
 RT: 9.49 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	213239		
92	70.6		56.6	84.8
138	115.4		90.5	135.7





#49

Acenaphthylene

Concen: 48.554 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:152 Resp: 1145391

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.6

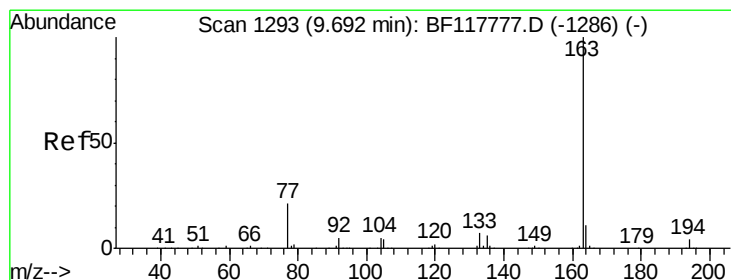
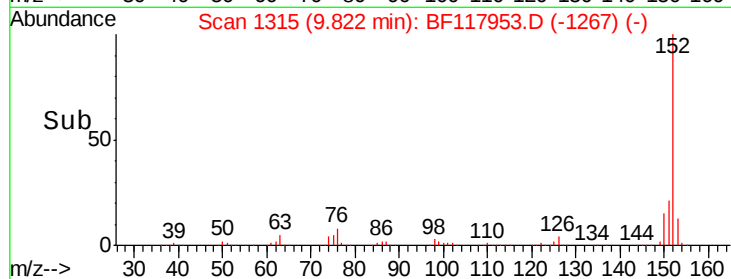
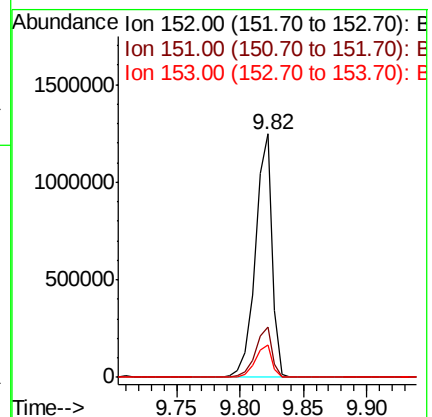
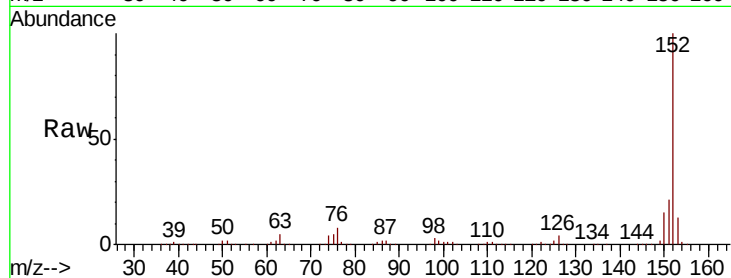
153 13.1 11.0 16.6

Manual Integrations

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#50

Dimethylphthalate

Concen: 58.398 ng

RT: 9.67 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

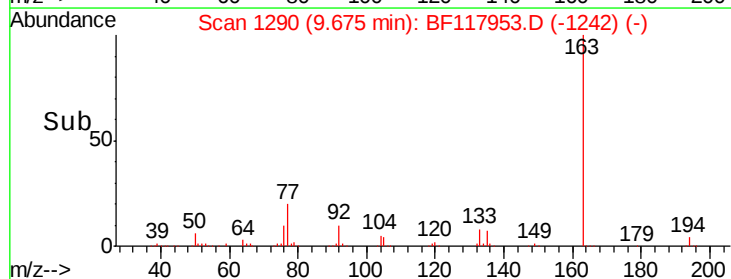
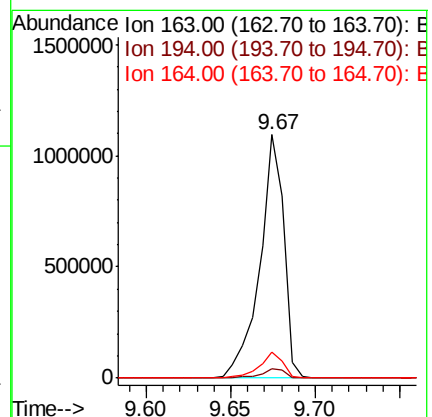
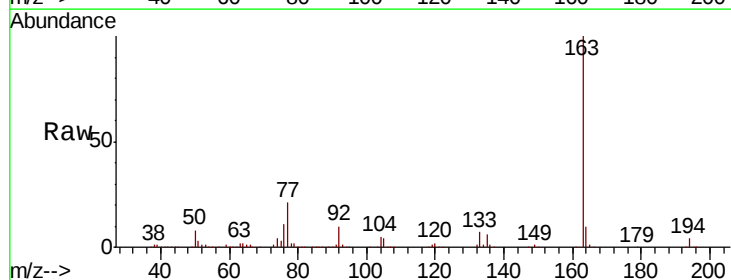
Tgt Ion:163 Resp: 1085644

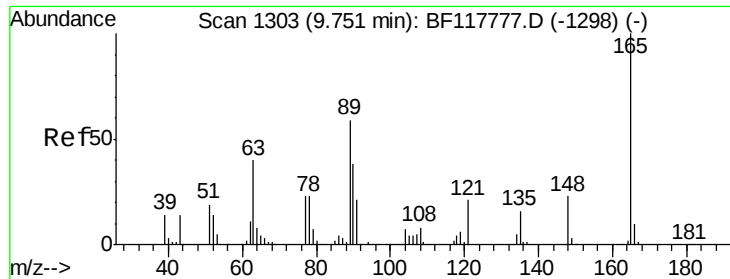
Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

164 10.5 8.7 13.1





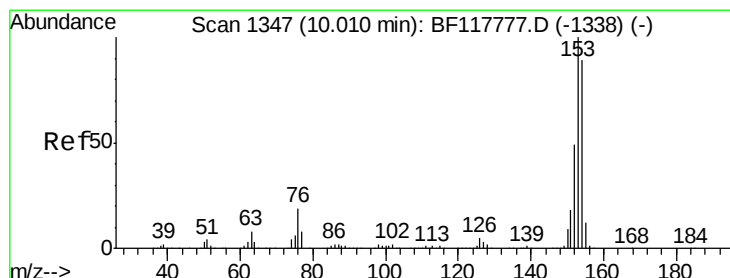
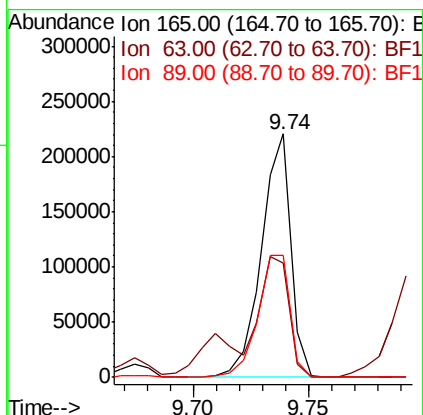
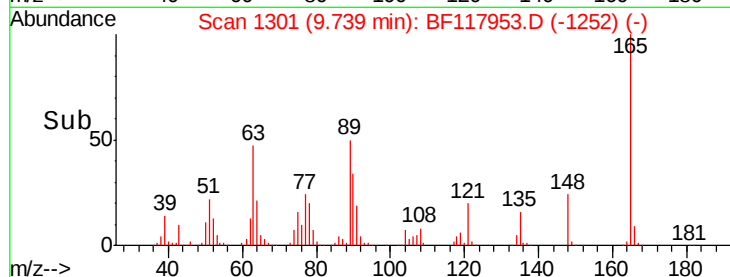
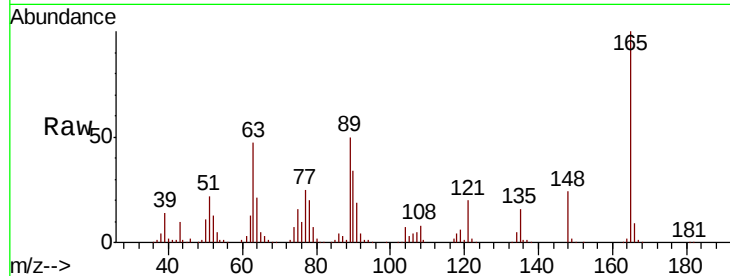
#51
2,6-Dinitrotoluene
Concen: 48.092 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195397		
63	46.8	46.0	69.0	
89	49.9	47.7	71.5	

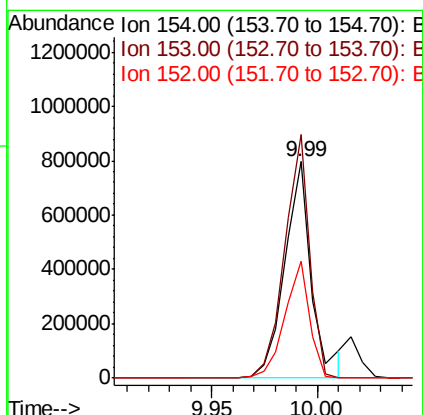
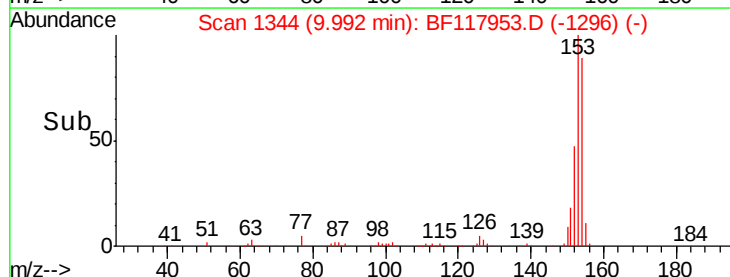
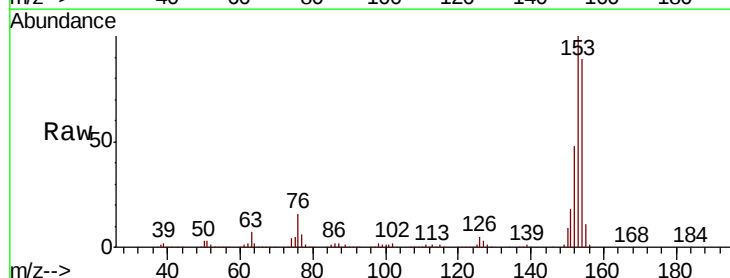
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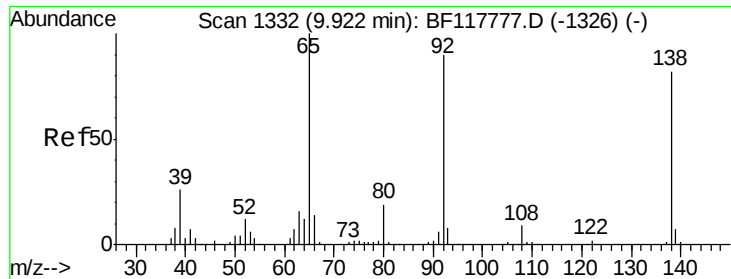
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#52
Acenaphthene
Concen: 46.575 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	703826		
153	112.5	90.1	135.1	
152	53.8	44.0	66.0	





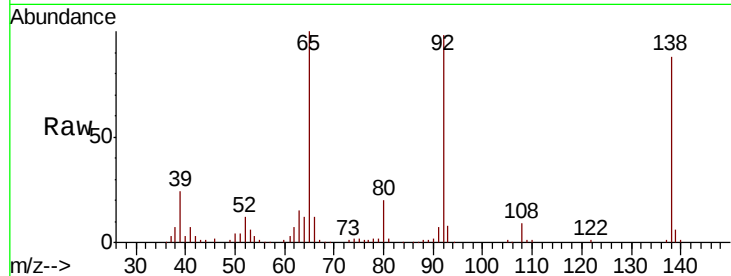
#53
3-Nitroaniline
Concen: 16.941 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

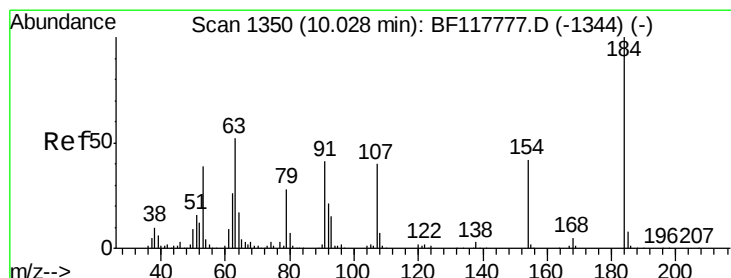
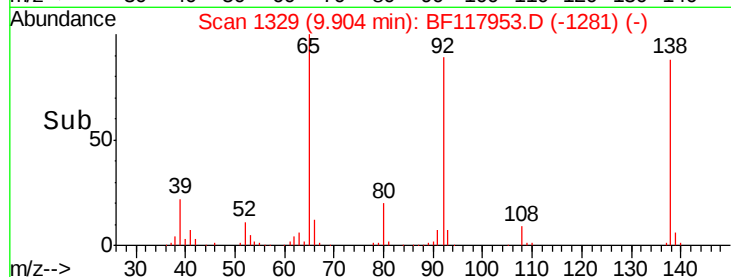
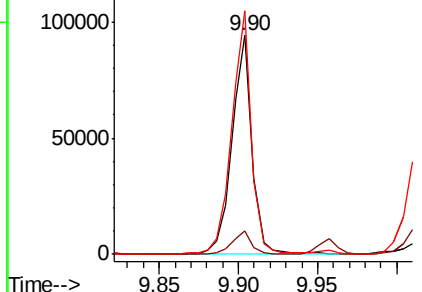
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	12.8
92	111.2	87.9	131.9

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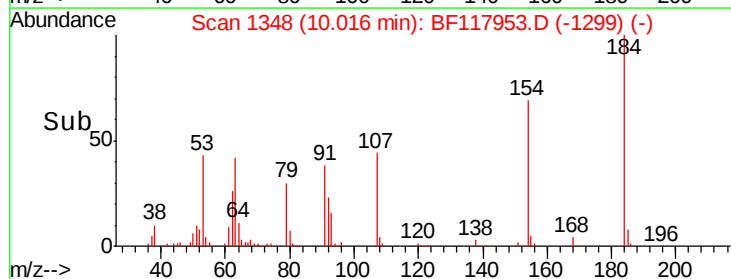
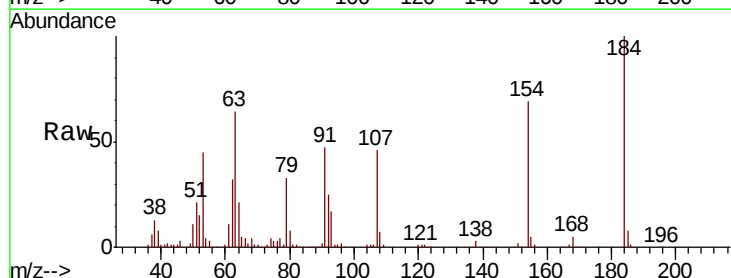
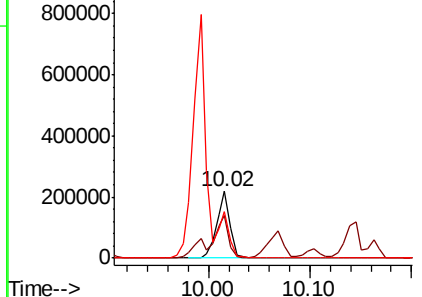
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

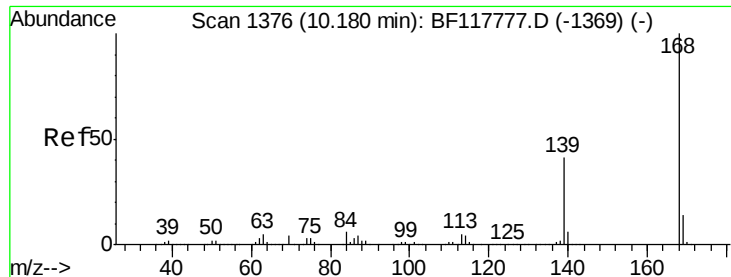


#54
2,4-Dinitrophenol
Concen: 93.485 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	43.0	64.6
154	69.0	48.0	72.0

Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





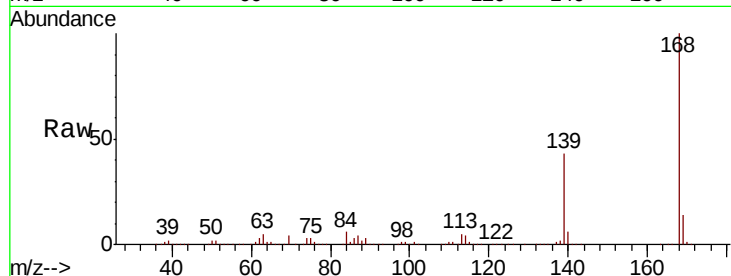
#55
Dibenzofuran
Concen: 47.836 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.6	33.0	49.6
169	13.8	11.5	17.3

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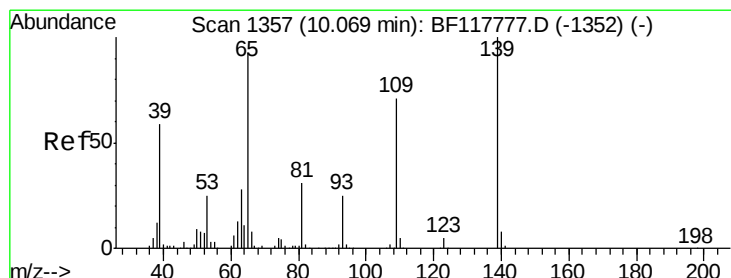
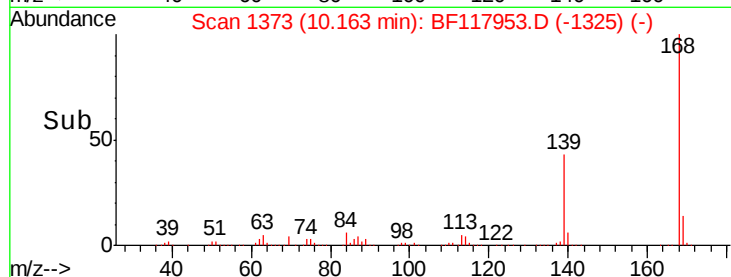
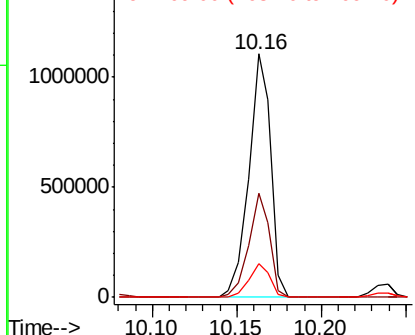


Abundance

Ion 168.00 (167.70 to 168.70): E

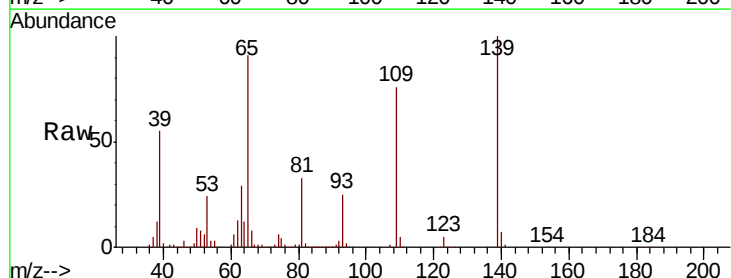
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 95.842 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.1	50.8	90.8
65	91.0	73.6	113.6

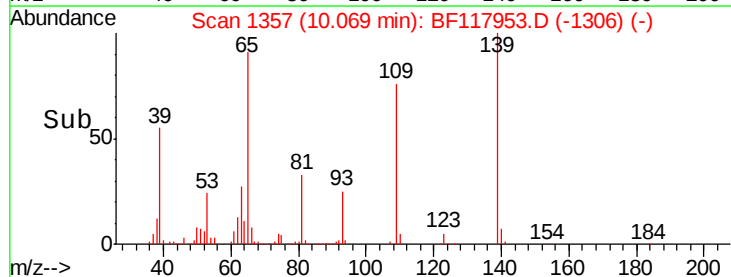
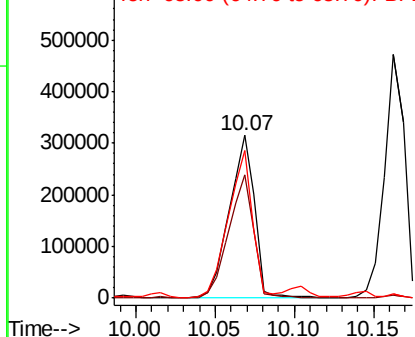


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





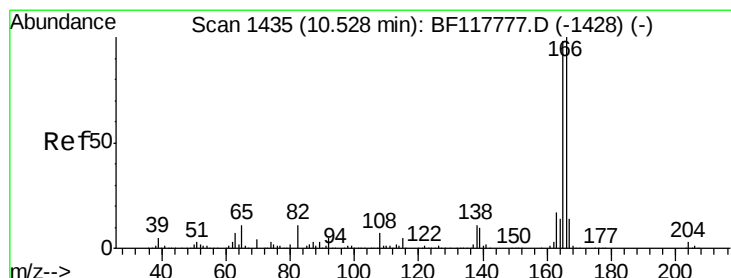
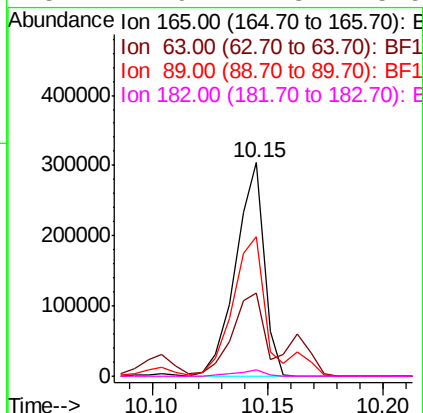
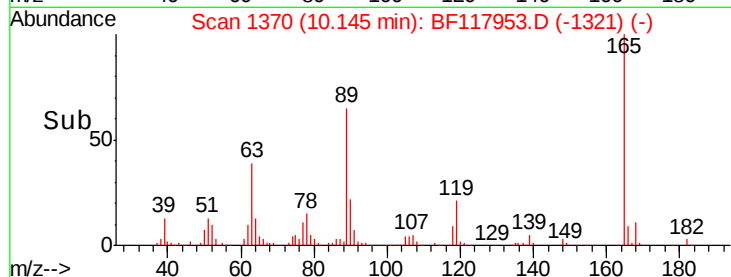
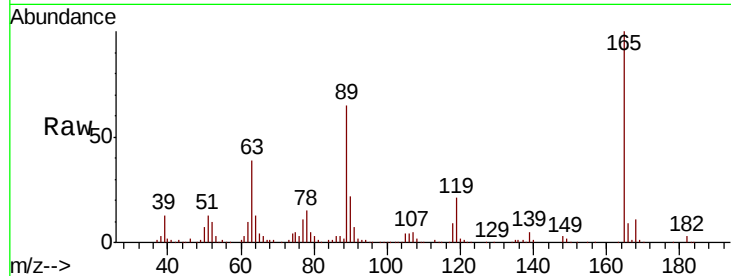
#57
2,4-Dinitrotoluene
Concen: 50.898 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		263062		
63	39.1	33.7	50.5		
89	65.4	57.3	85.9		
182	2.9	2.3	3.5		

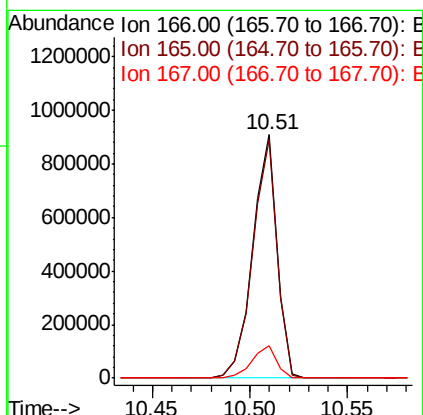
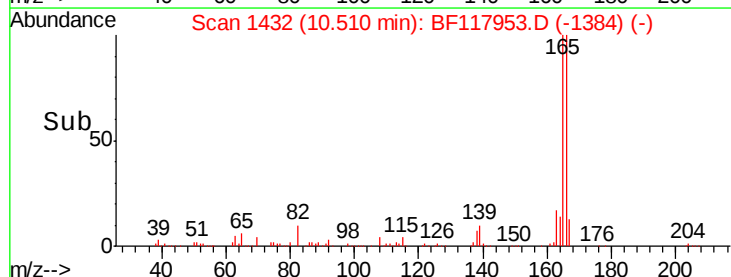
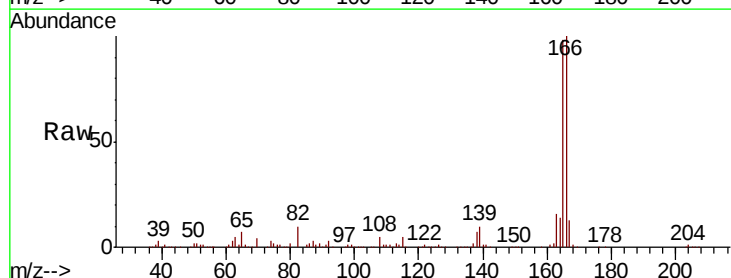
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#58
Fluorene
Concen: 48.419 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		785174		
165	97.9	78.4	117.6		
167	13.2	11.0	16.4		





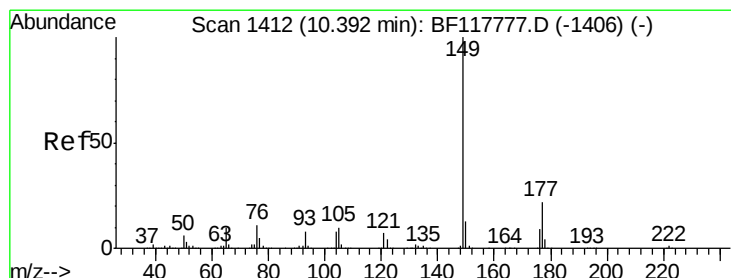
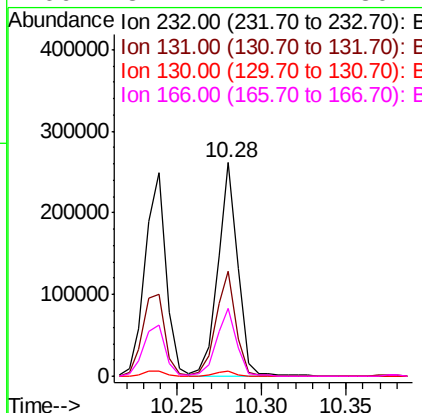
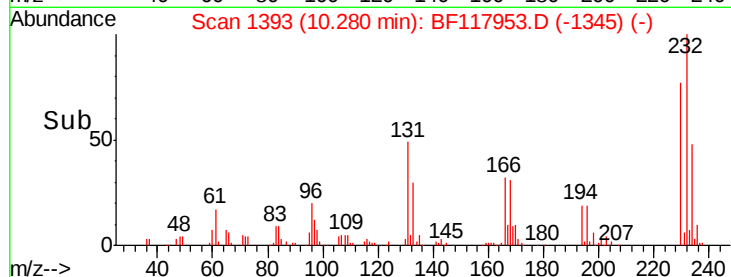
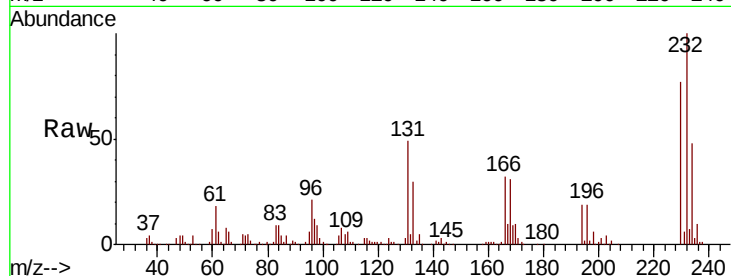
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.723 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	215097		
131	49.5		37.6	56.4
130	2.6		1.9	2.9
166	32.4		24.2	36.4

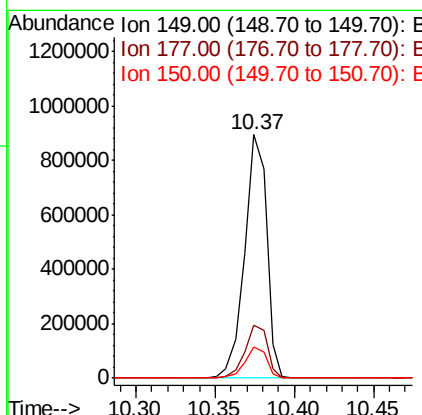
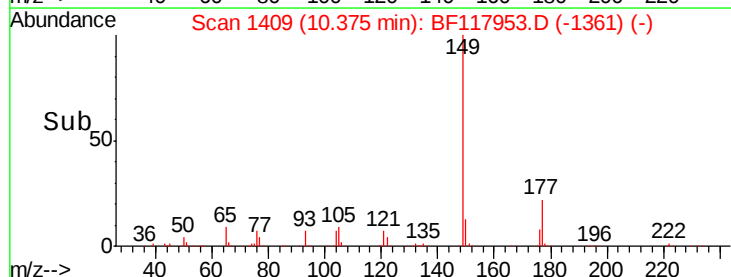
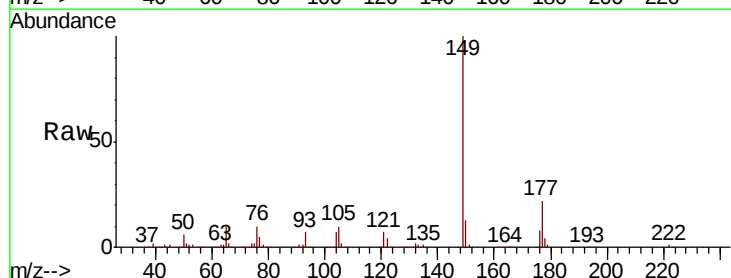
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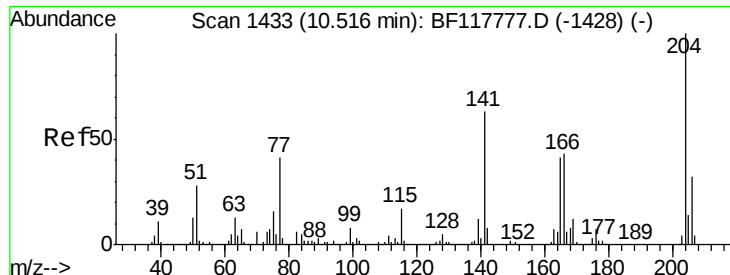
mohammad
11/25/2019 2:32:03 PM



#60
Diethylphthalate
Concen: 47.535 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	861540		
177	21.5		18.0	27.0
150	12.7		10.5	15.7





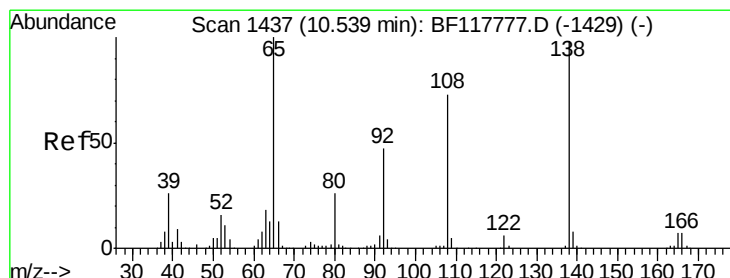
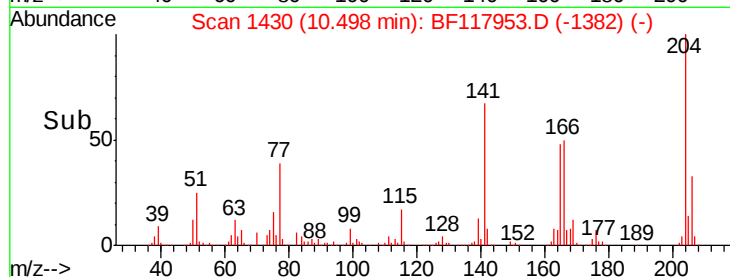
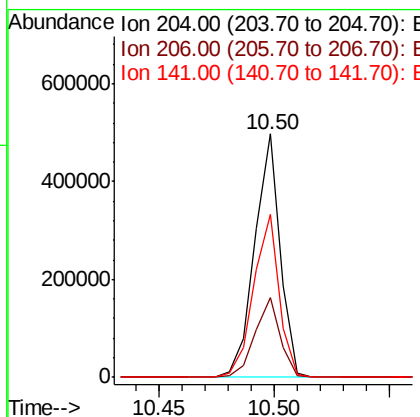
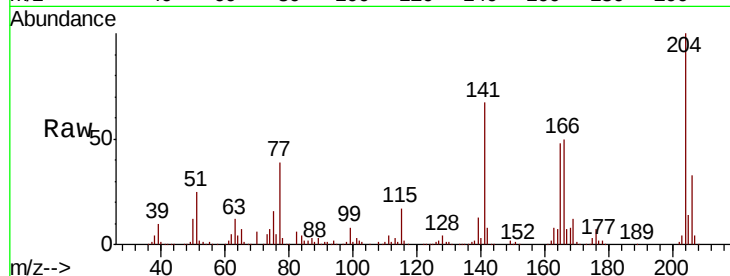
#61
4-Chlorophenyl-phenylether
Concen: 46.671 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	25.6	38.4
141	67.1	50.7	76.1

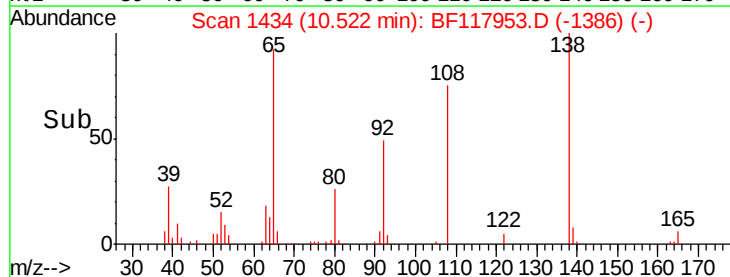
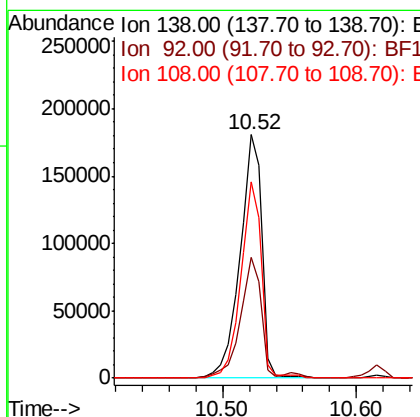
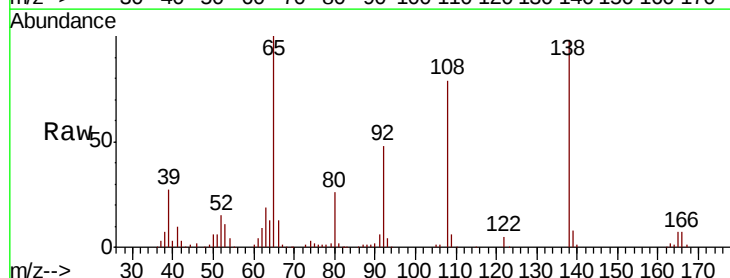
Manual Integrations
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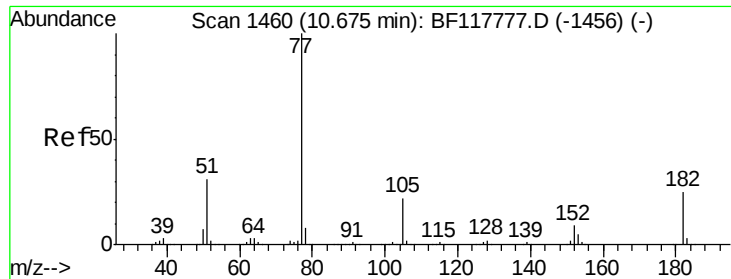
mohammad
11/25/2019 2:32:03 PM



#62
4-Nitroaniline
Concen: 42.118 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	28.3	68.3
108	80.6	54.3	94.3





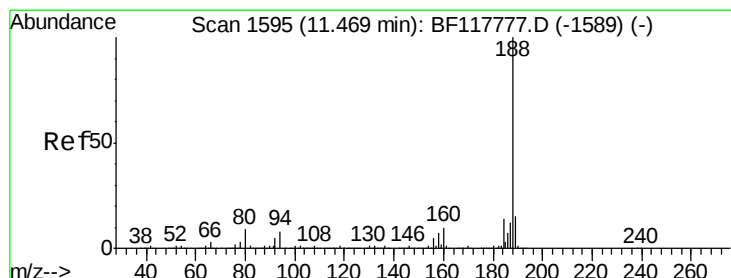
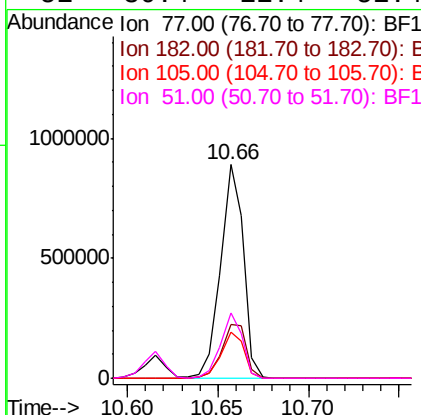
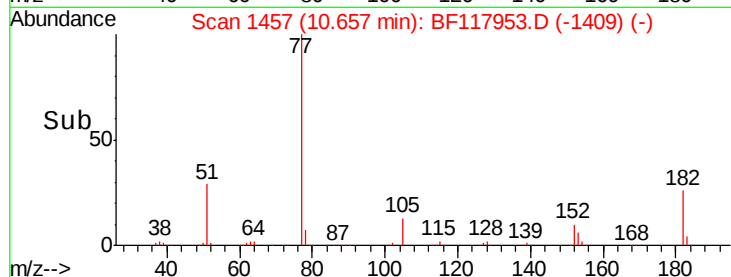
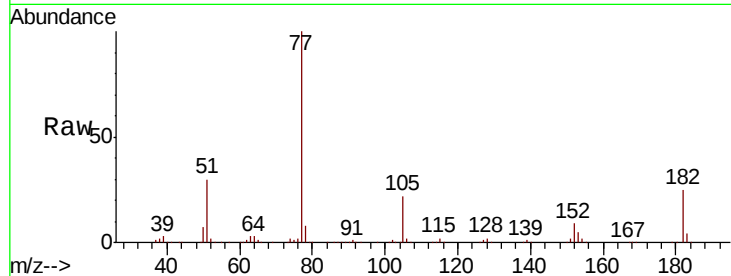
#63
Azobenzene
Concen: 47.142 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100	777319		
182	182	25.2	4.8	44.8	
105	105	21.6	2.1	42.1	
51	51	30.4	11.4	51.4	

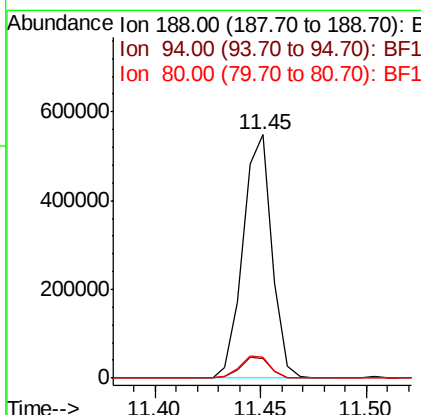
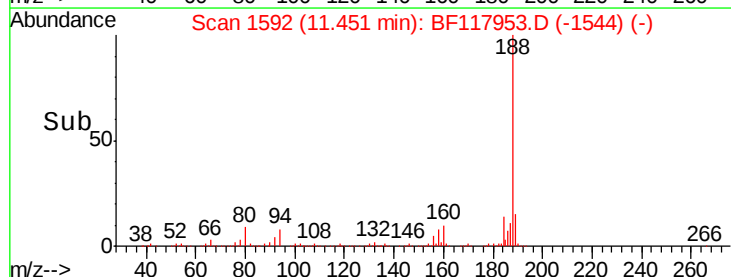
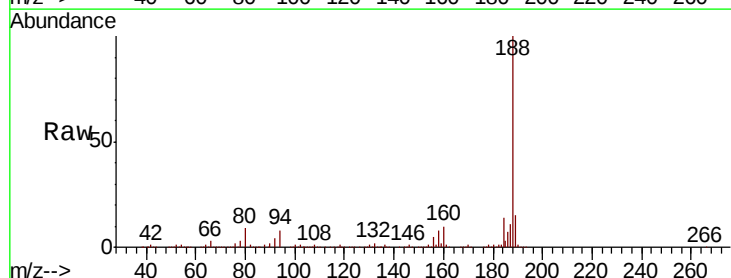
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	188	100	520091		
94	94	8.3	6.6	10.0	
80	80	8.6	7.2	10.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 57.417 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

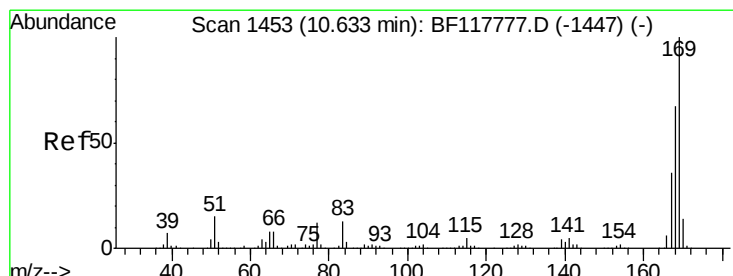
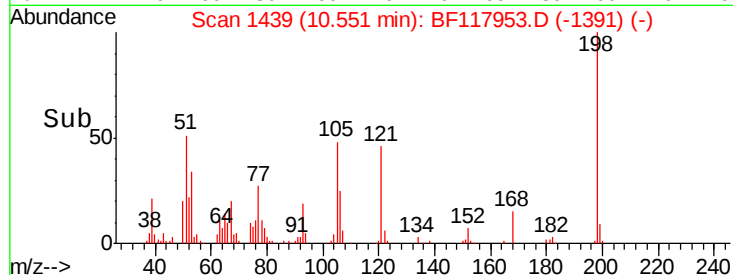
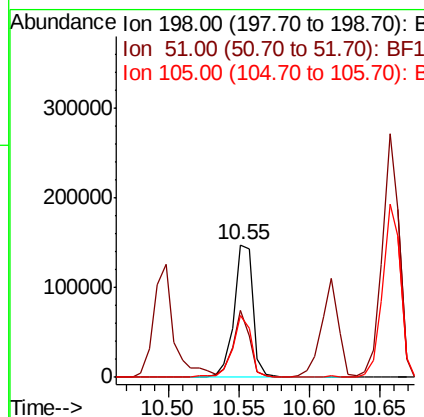
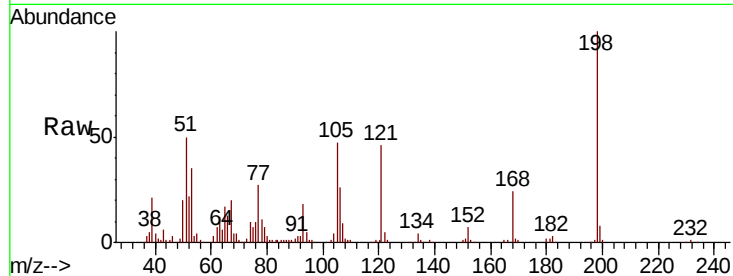
ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:	198	Resp:	139407
Ion Ratio	Lower	Upper	
198	100		
51	50.3	16.0	56.0
105	47.0	19.1	59.1

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 46.288 ng

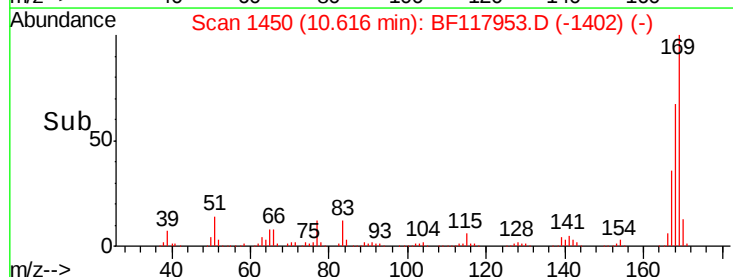
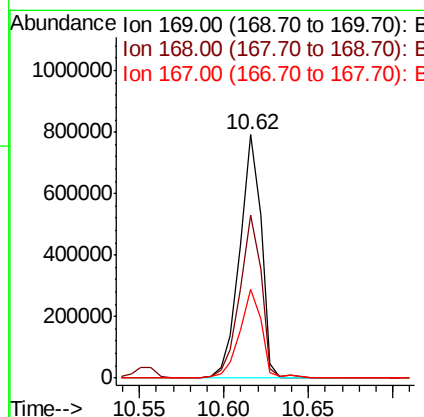
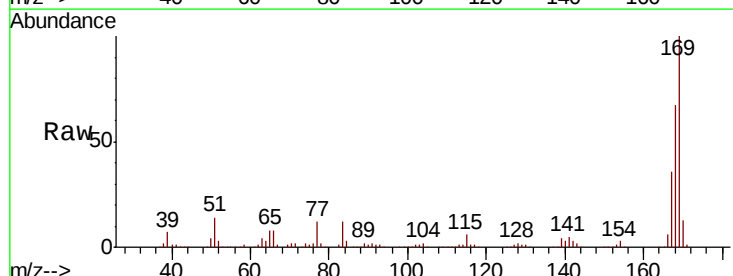
RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Tgt Ion:	169	Resp:	700628
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.5	80.3
167	36.5	29.0	43.4





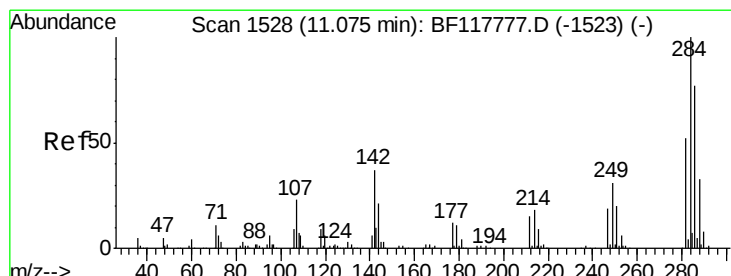
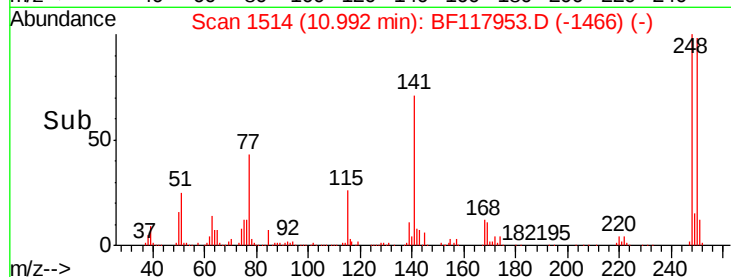
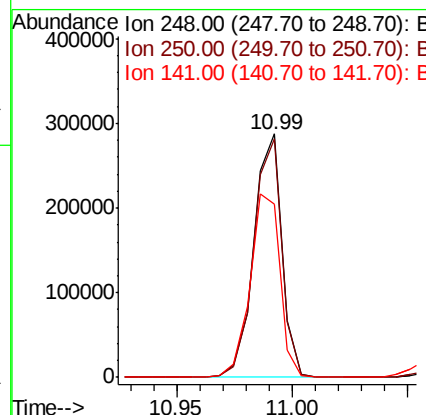
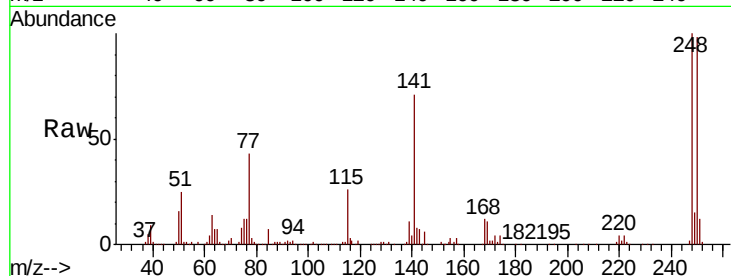
#67
4-Bromophenyl-phenylether
Concen: 43.782 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
248	100	245692		
250	98.1	76.6	115.0	
141	71.4	55.9	83.9	

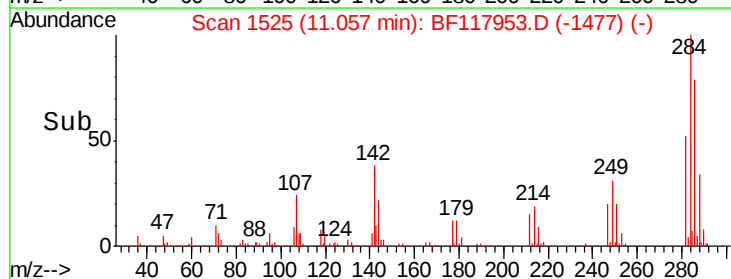
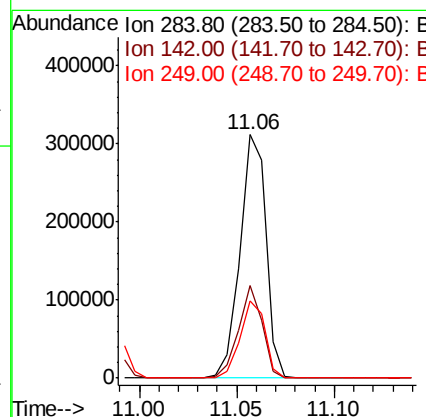
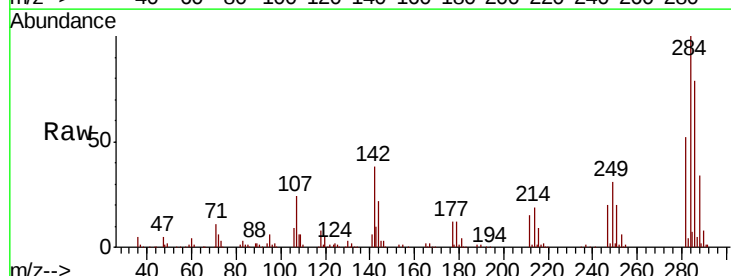
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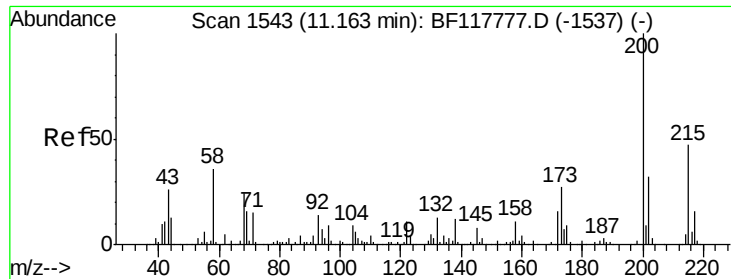
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#68
Hexachlorobenzene
Concen: 44.050 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	288245		
142	37.9	29.4	44.2	
249	31.5	24.6	37.0	





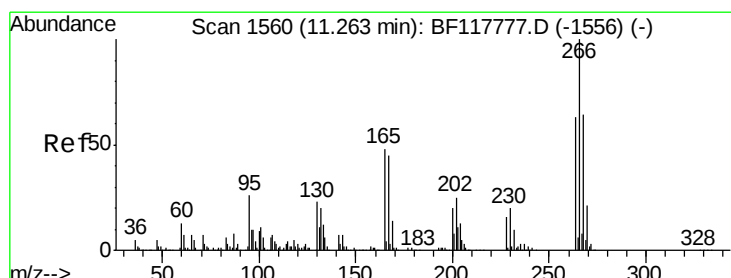
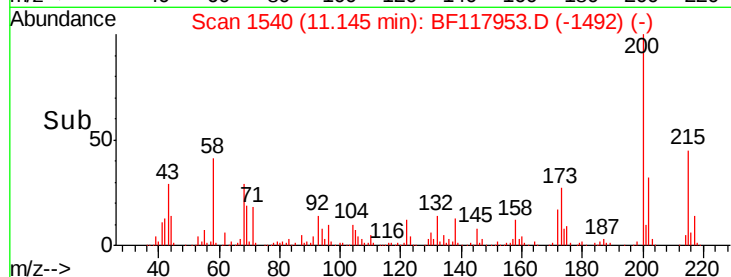
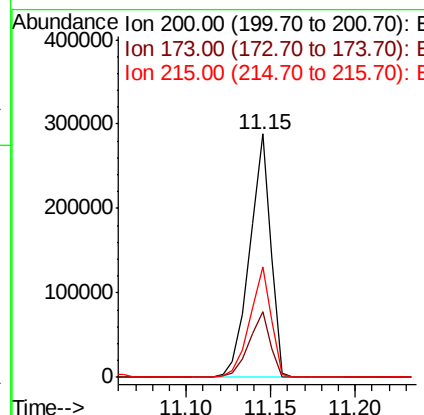
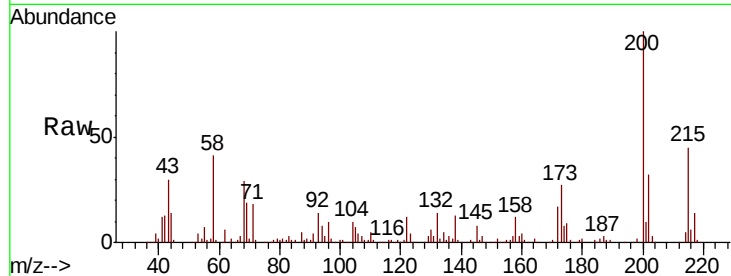
#69
Atrazine
Concen: 50.727 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	252574		
173	26.9	6.7	46.7	
215	45.2	27.5	67.5	

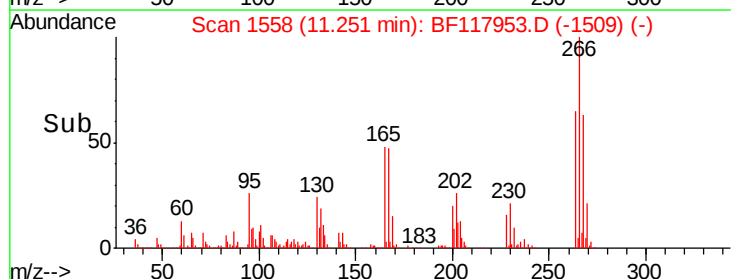
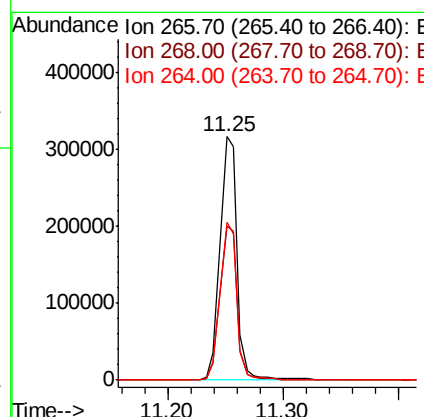
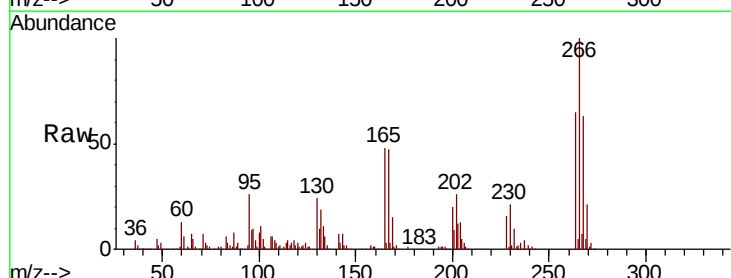
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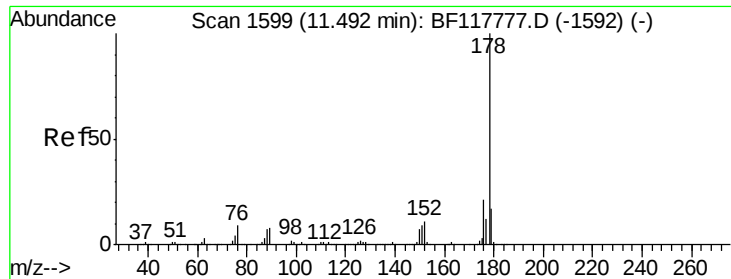
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#70
Pentachlorophenol
Concen: 85.360 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	326327		
268	63.4	50.8	76.2	
264	64.9	50.7	76.1	





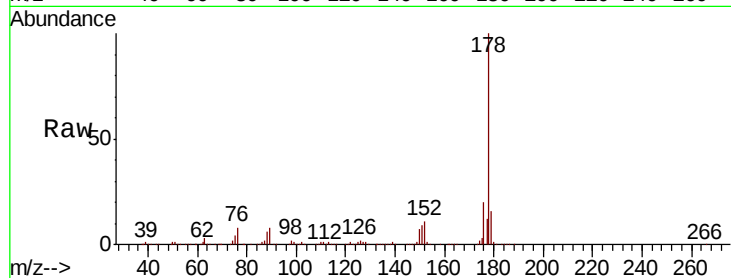
#71
Phenanthrene
Concen: 46.722 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

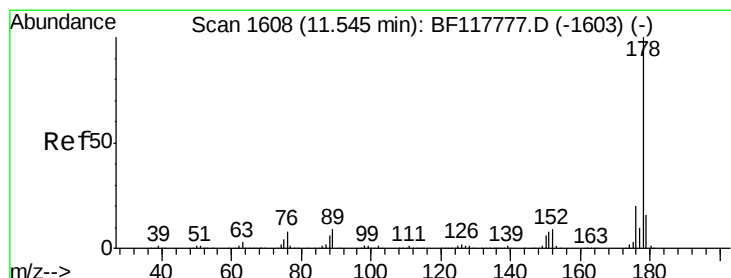
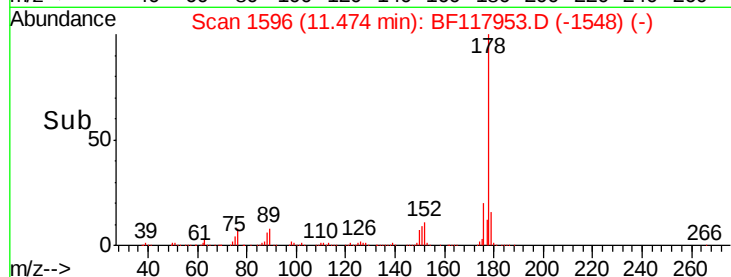
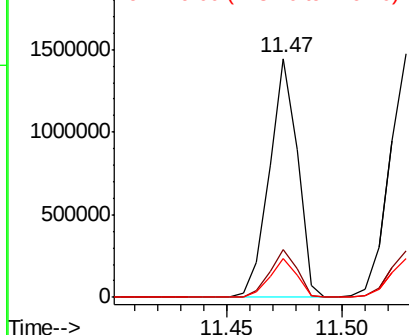
Tot Ion:178 Resp: 1221718
Ion Ratio Lower Upper
178 100
176 19.9 16.6 25.0
179 16.2 13.2 19.8

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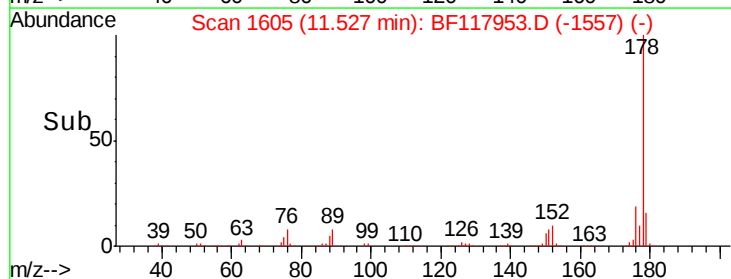
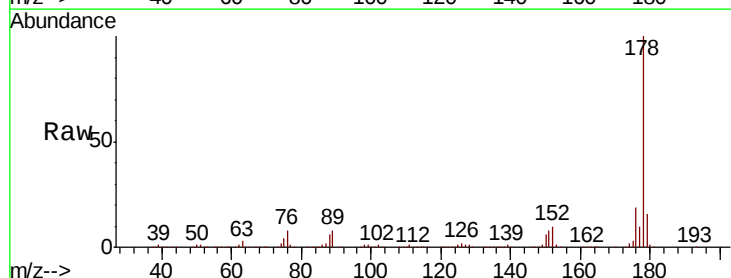
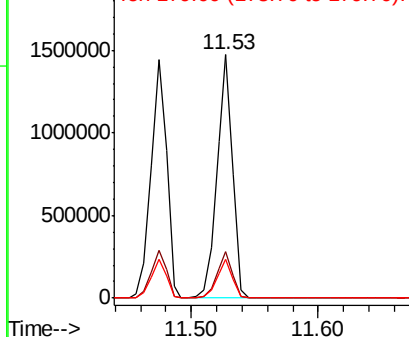
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 48.925 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:178 Resp: 1268421
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 15.8 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





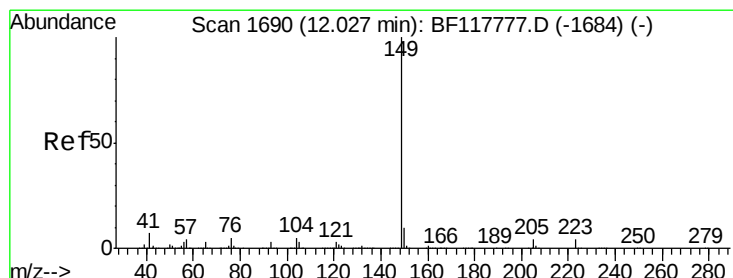
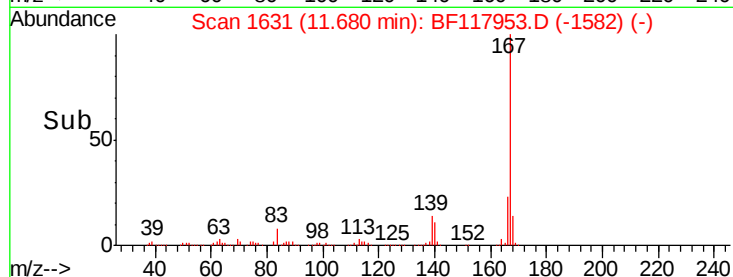
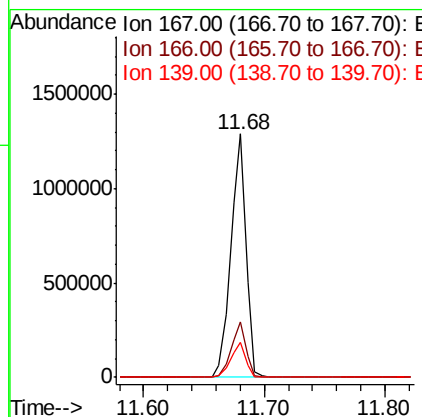
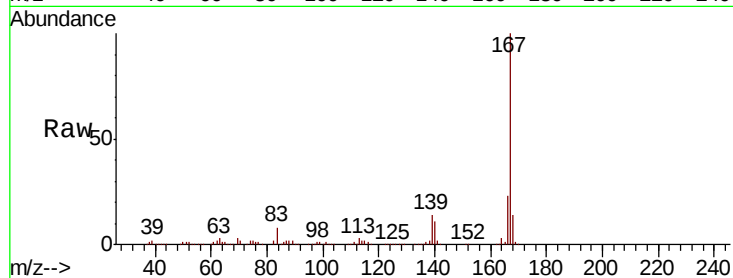
#73
 Carbazole
 Concen: 49.362 ng
 RT: 11.68 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Instrument :
 BNA_F
 ClientSampleId :
 CARRIAGE-COURTMSD

Tot Ion:167 Resp: 1118311
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.0 27.0
 139 14.3 11.7 17.5

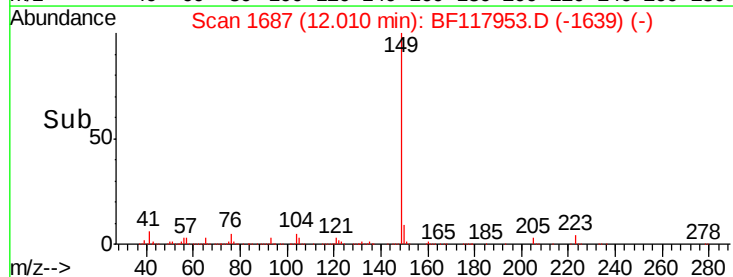
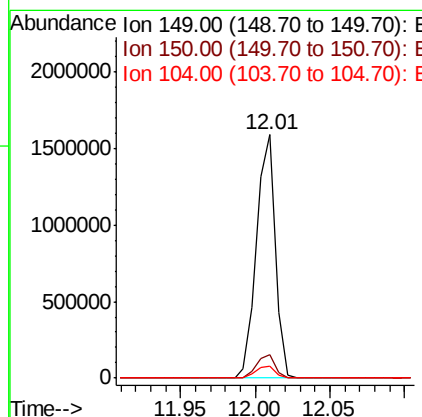
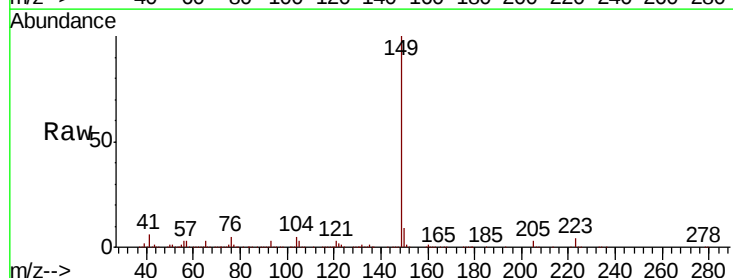
Manual Integrations
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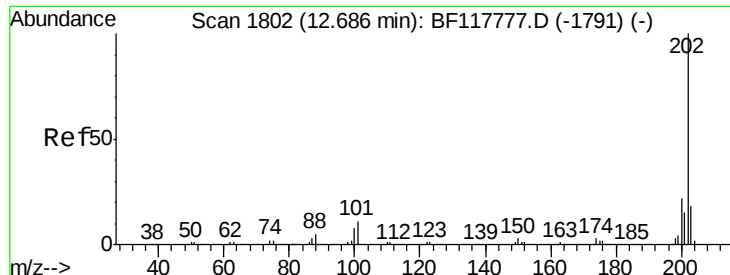
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#74
 Di-n-butylphthalate
 Concen: 48.562 ng
 RT: 12.01 min Scan# 1687
 Delta R.T. -0.02 min
 Lab File: BF117953.D
 Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 1369823
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 5.1 4.2 6.4





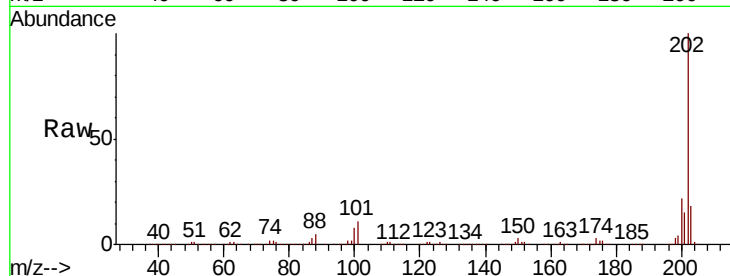
#75
Fluoranthene
Concen: 55.651 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

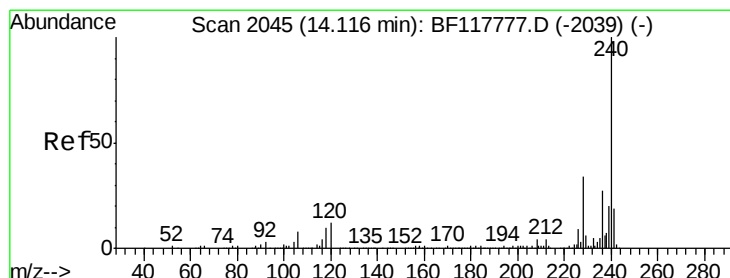
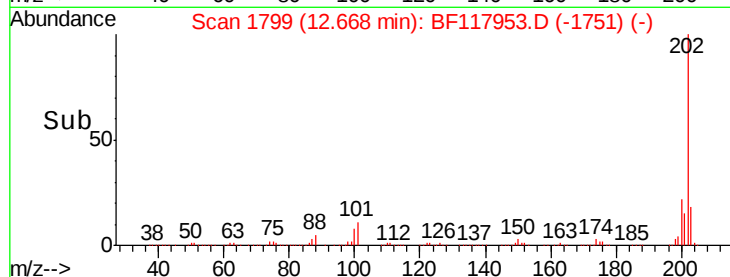
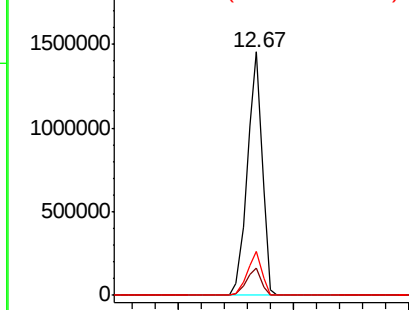
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.1
203	18.0	0.0	38.2

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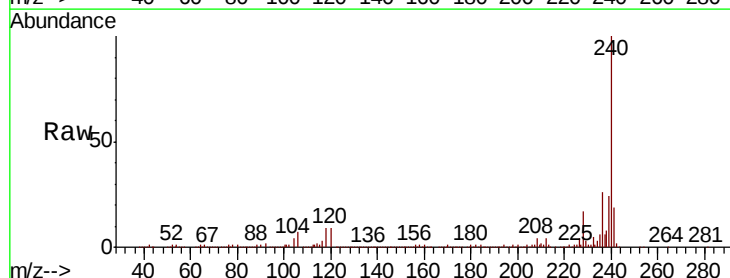


Abundance Ion 202.00 (201.70 to 202.70): E
2000000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

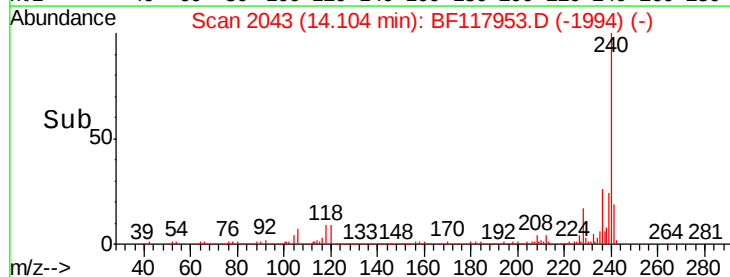
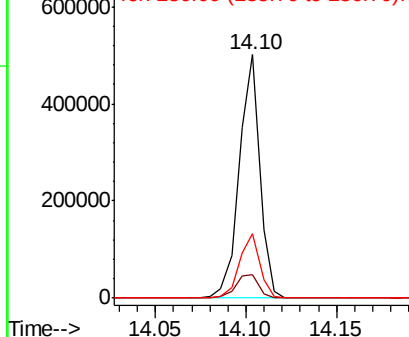


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.5	9.5	14.3#
236	26.2	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
600000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 36.166 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

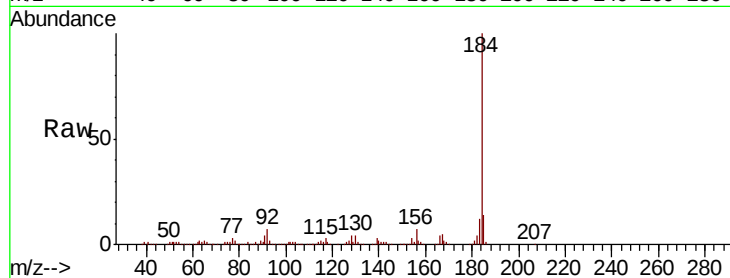
ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.2	18.4
183	12.0	9.5	14.3

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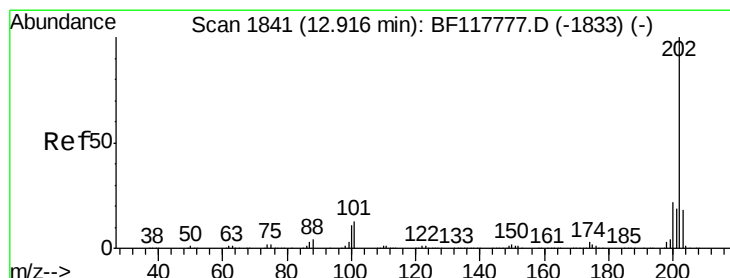
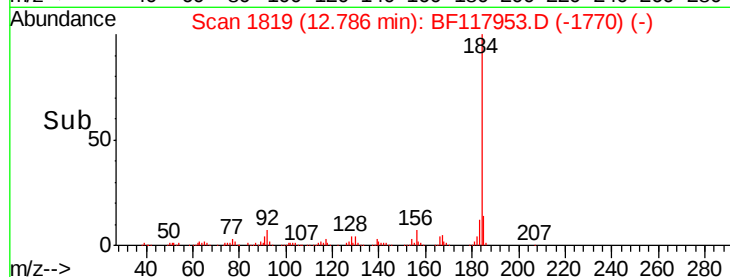
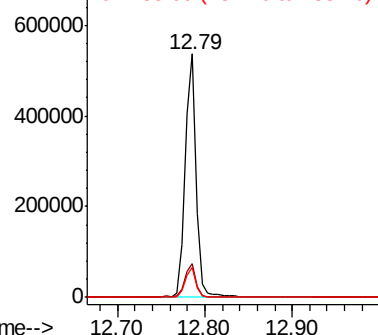


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.479 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

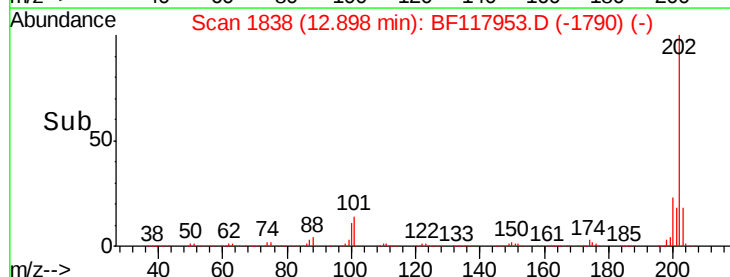
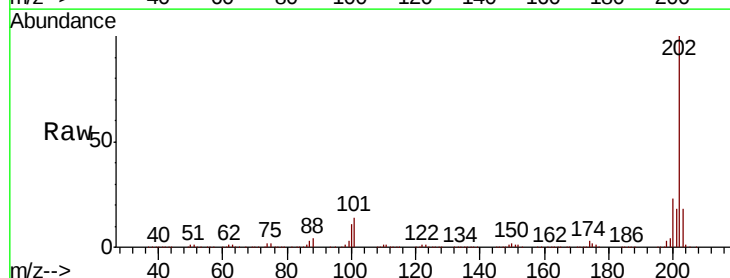
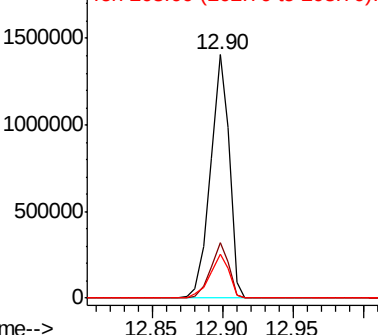
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.8	26.8
203	18.1	14.6	22.0

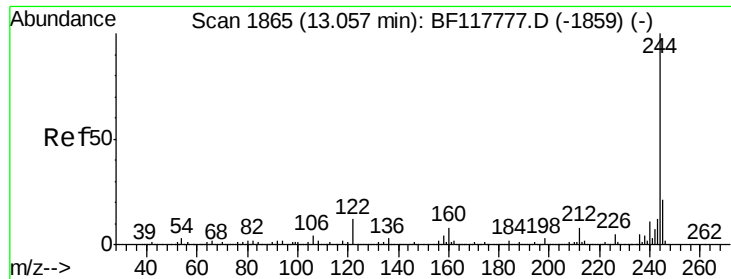
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.681 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:244 Resp: 1551567

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

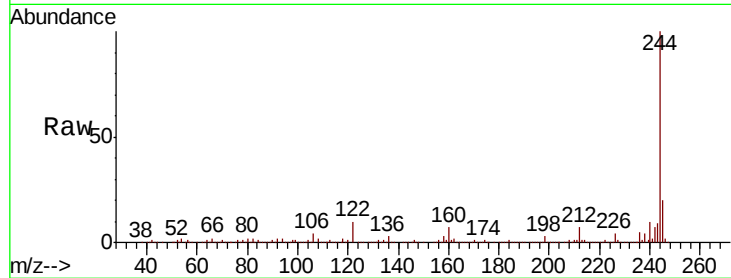
122 10.4 9.4 14.2

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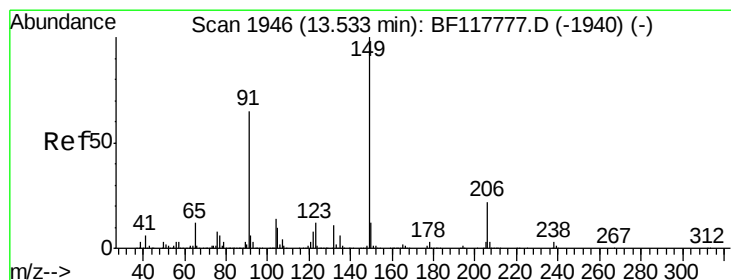
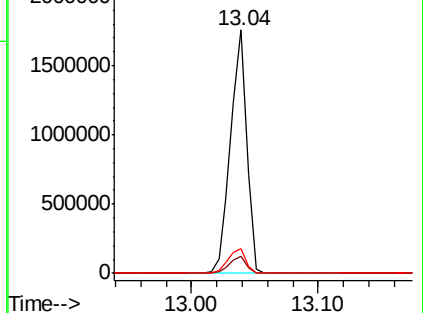
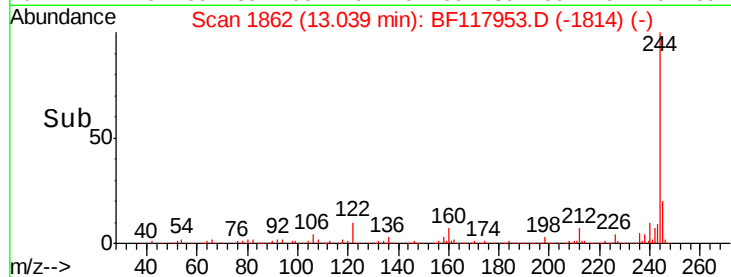
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 43.802 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

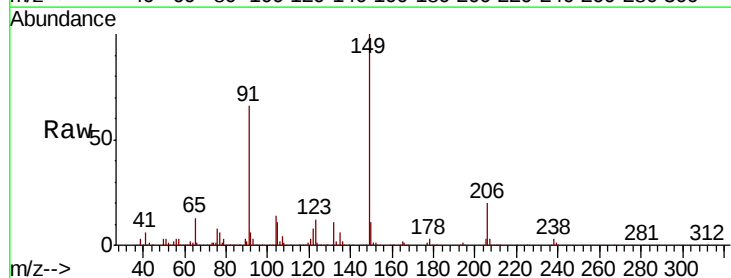
Tgt Ion:149 Resp: 601449

Ion Ratio Lower Upper

149 100

91 65.9 51.9 77.9

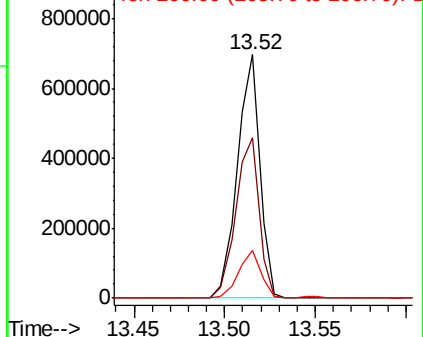
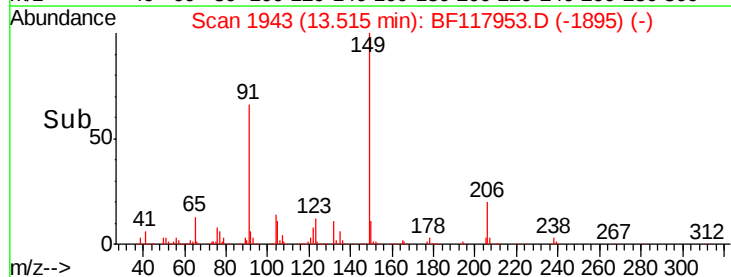
206 19.8 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.677 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.01 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

Instrument :

BNA_F

ClientSampleId :

CARRIAGE-COURTMSD

Tot Ion:228 Resp: 1194054

Ion Ratio Lower Upper

228 100

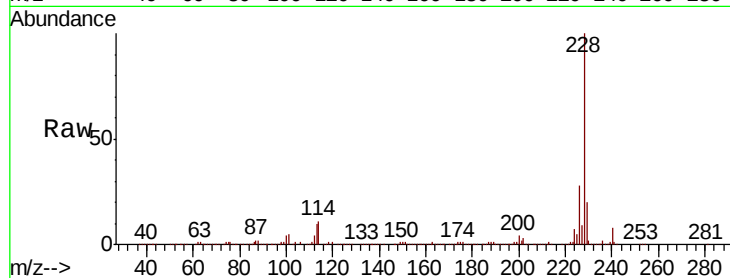
226 27.7 22.2 33.2

229 20.0 15.9 23.9

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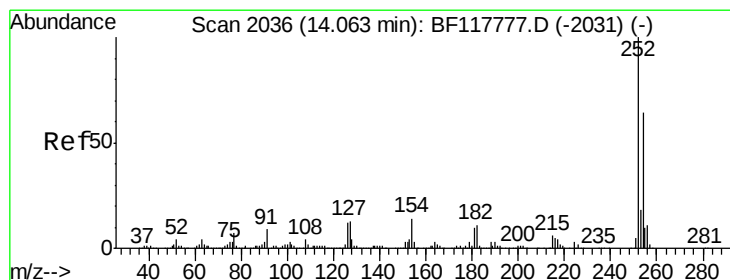
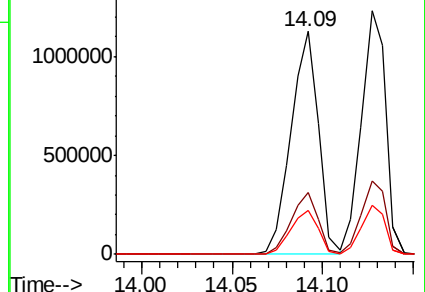
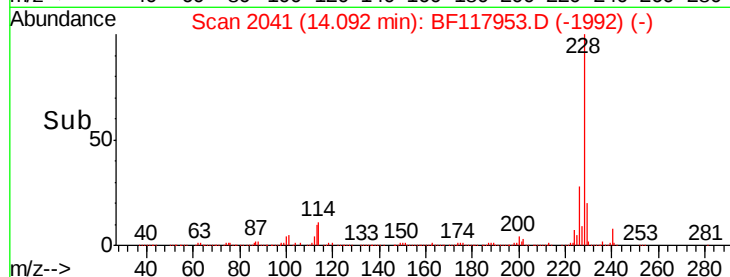
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.895 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF117953.D

Acq: 23 Nov 2019 13:46

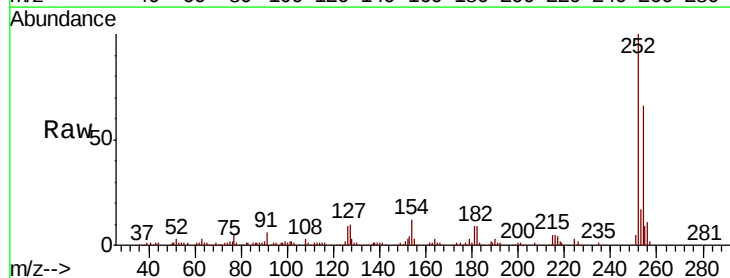
Tgt Ion:252 Resp: 227639

Ion Ratio Lower Upper

252 100

254 66.2 51.0 76.6

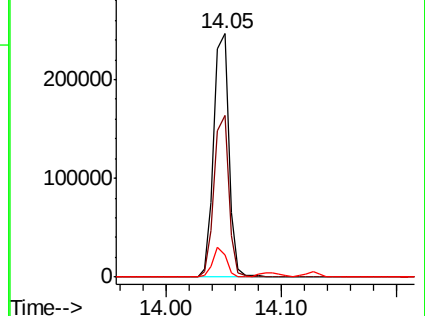
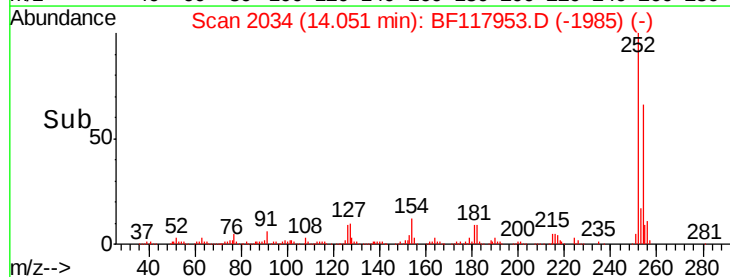
126 9.1 9.7 14.5#

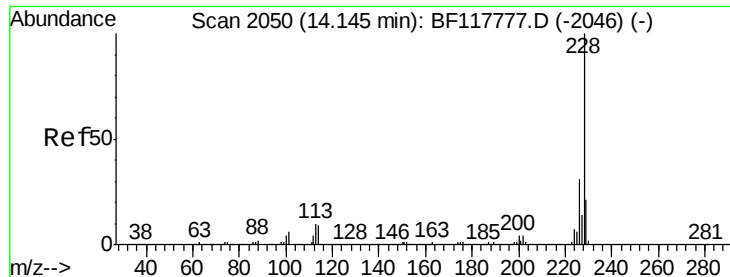


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





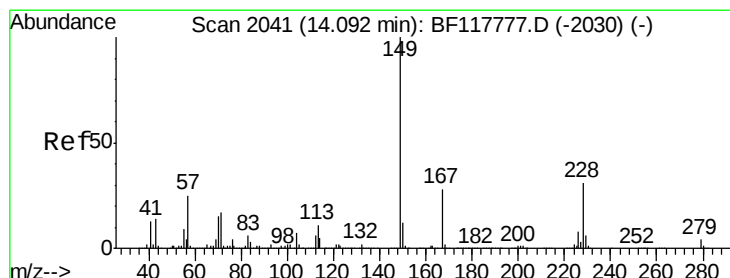
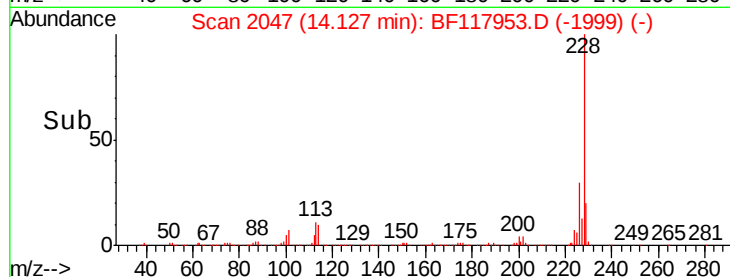
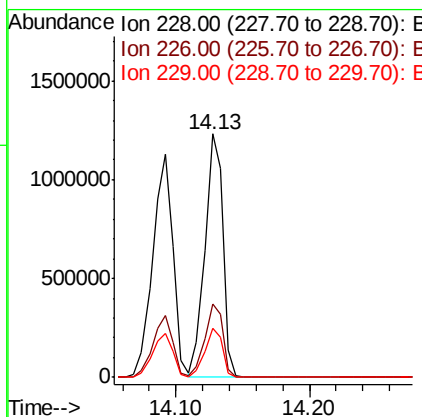
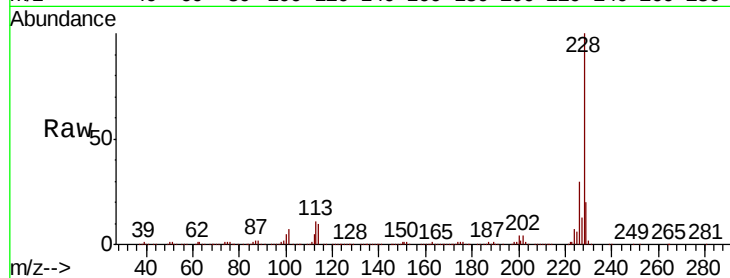
#83
Chrysene
Concen: 45.489 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion:228 Resp: 1152288
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.4
229 20.0 16.6 25.0

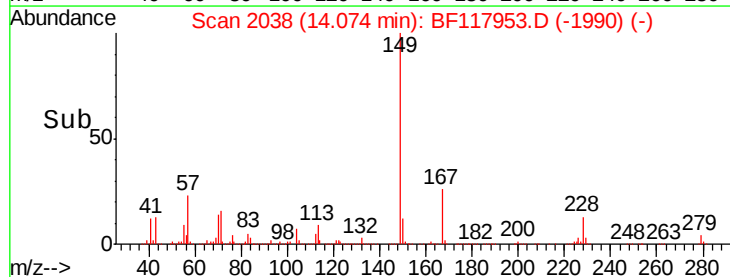
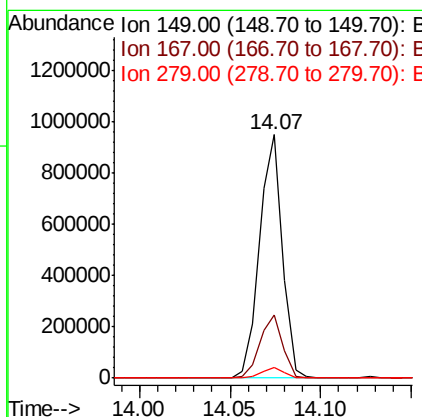
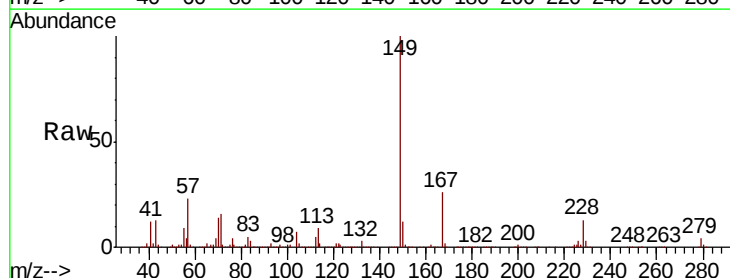
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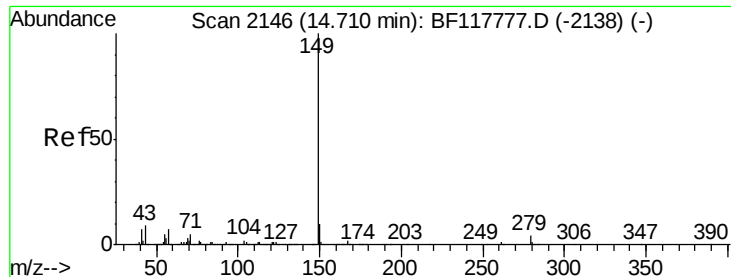
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.063 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion:149 Resp: 833397
Ion Ratio Lower Upper
149 100
167 26.2 22.2 33.2
279 4.5 3.4 5.2





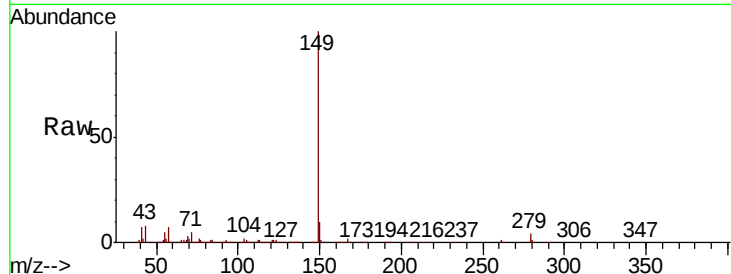
#85
Di-n-octyl phthalate
Concen: 57.393 ng
RT: 14.69 min Scan# 2143
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

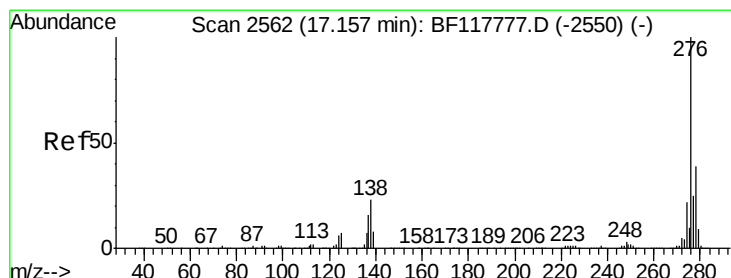
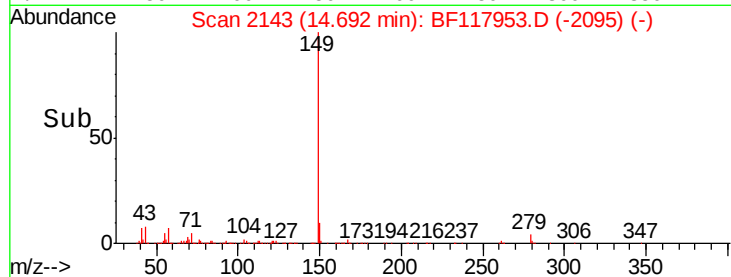
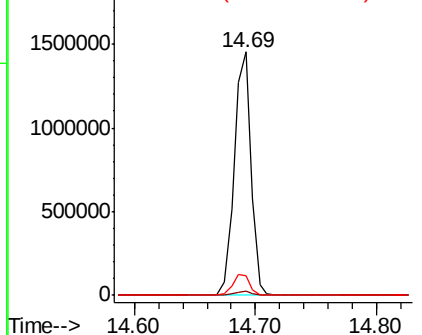
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.5	7.4	11.2

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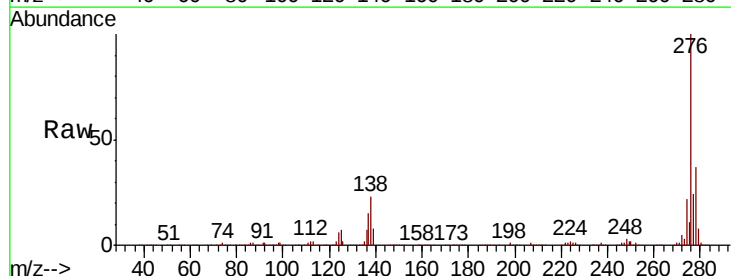


Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

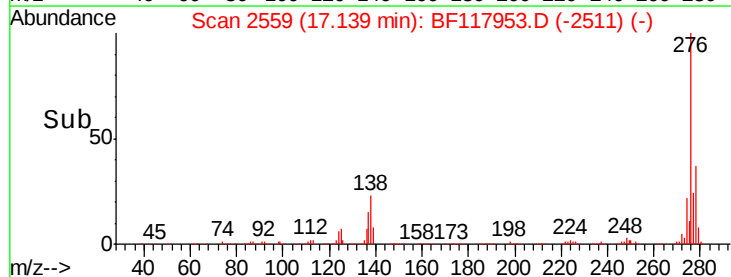
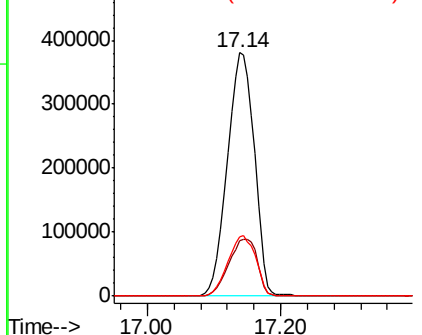


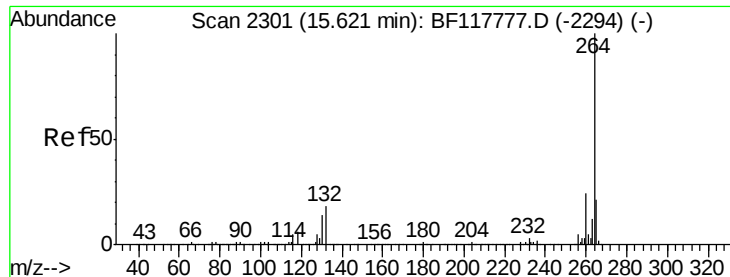
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.235 ng
RT: 17.14 min Scan# 2559
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	25.5	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





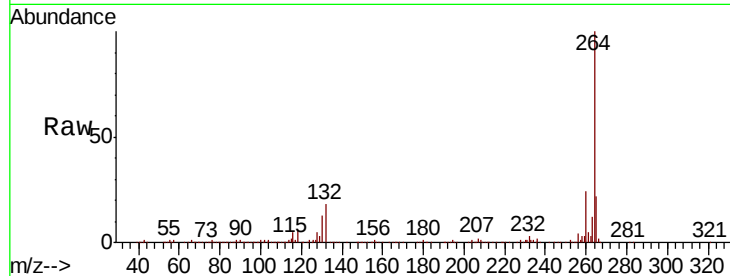
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	22.0	17.1	25.7

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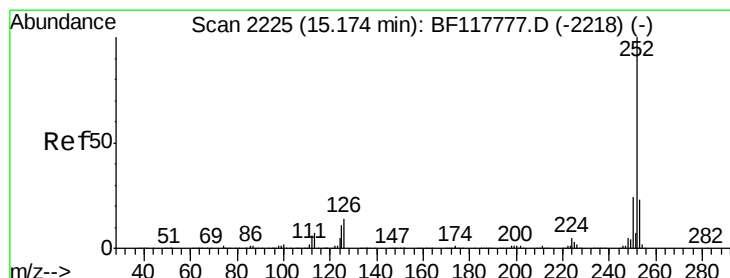
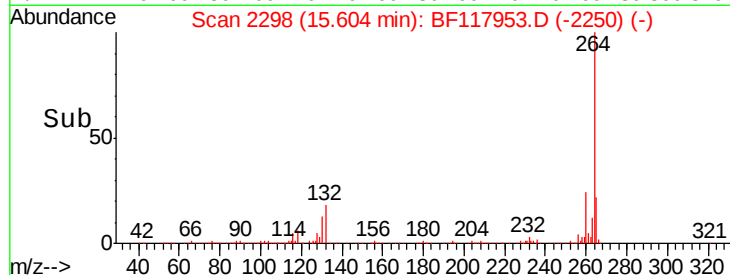
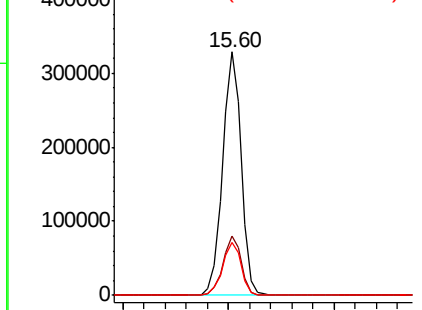


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 43.377 ng
RT: 15.16 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

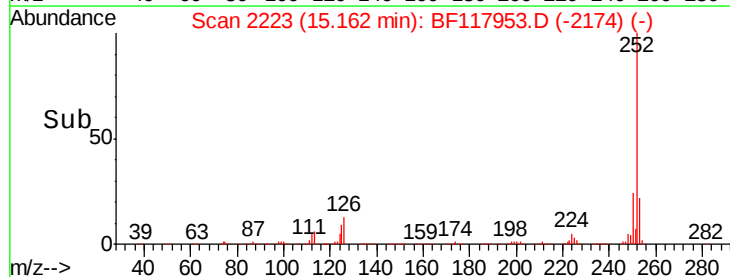
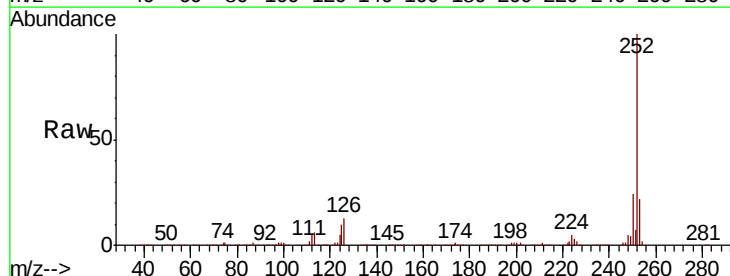
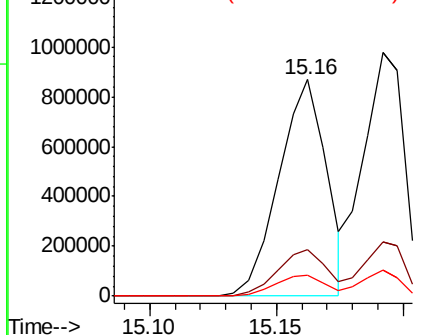
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.6	8.6	13.0

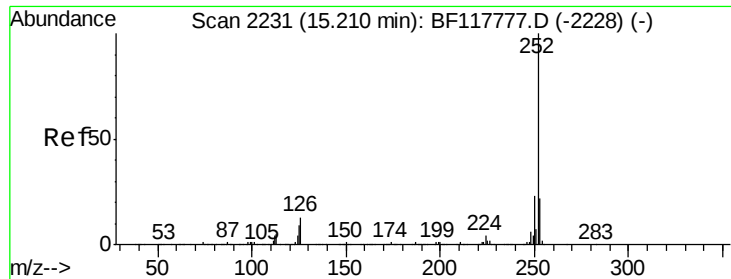
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





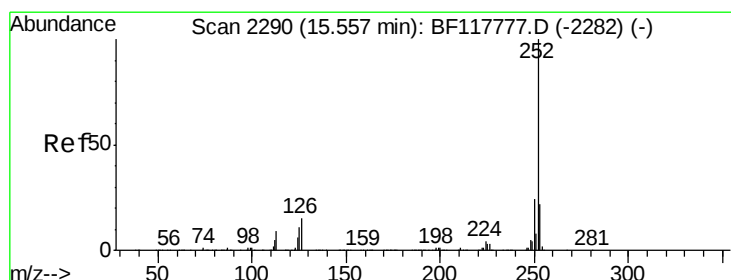
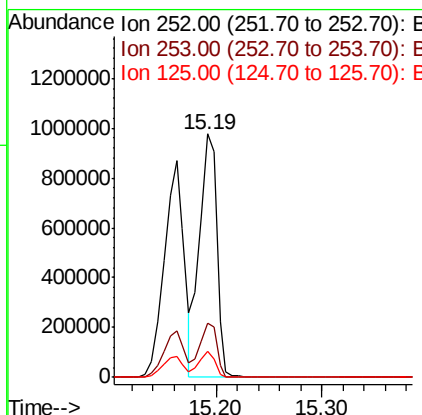
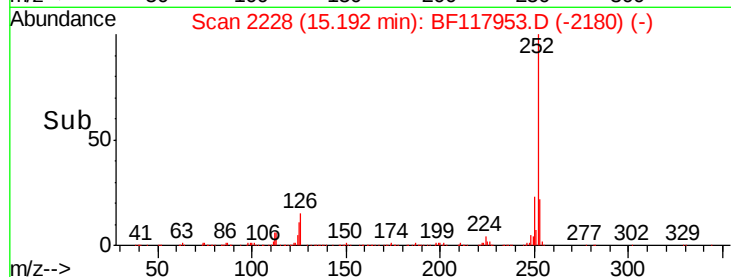
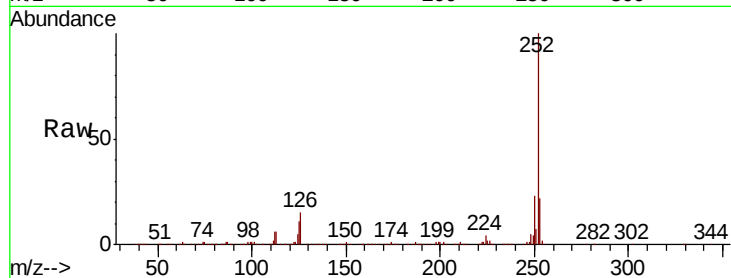
#89
Benzo(k)fluoranthene
Concen: 44.772 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	10.6	7.9	11.9

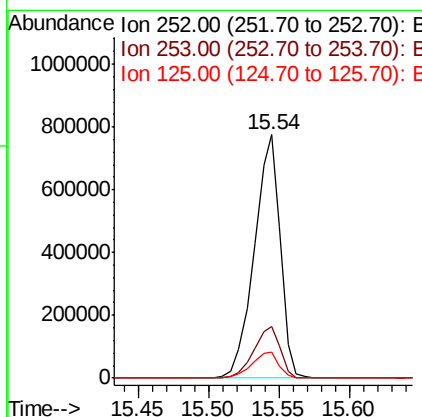
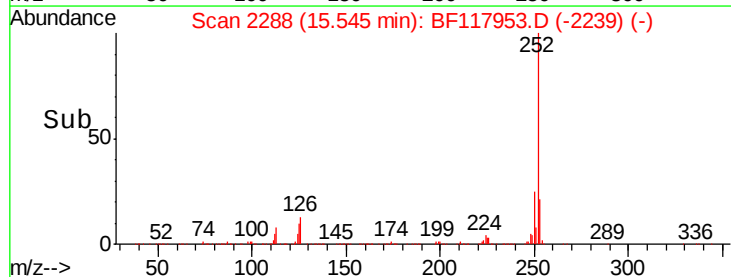
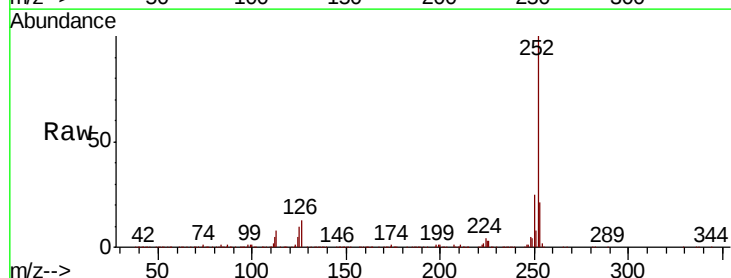
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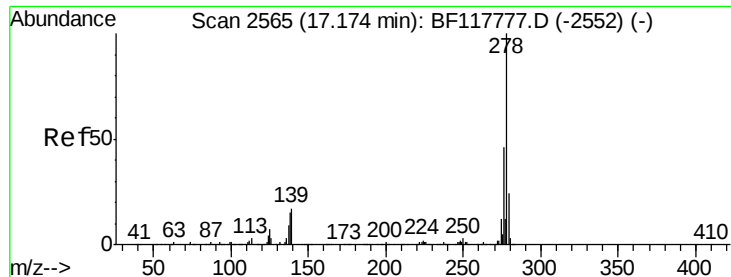
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#90
Benzo(a)pyrene
Concen: 43.571 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	10.5	9.2	13.8





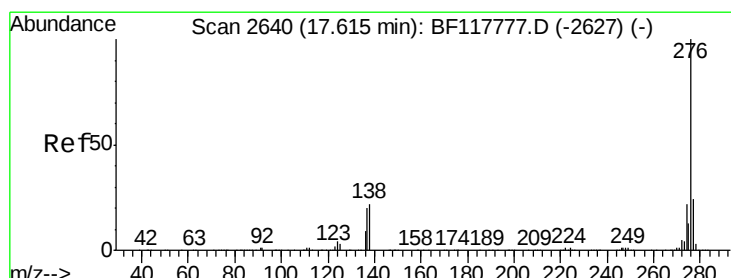
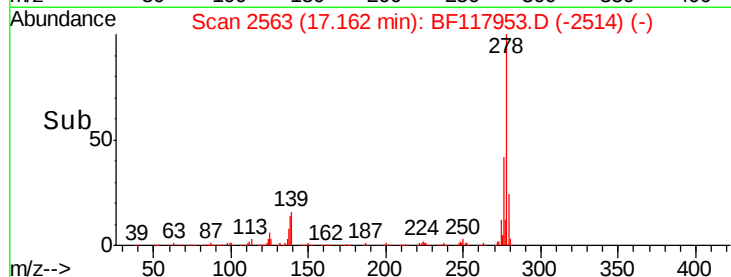
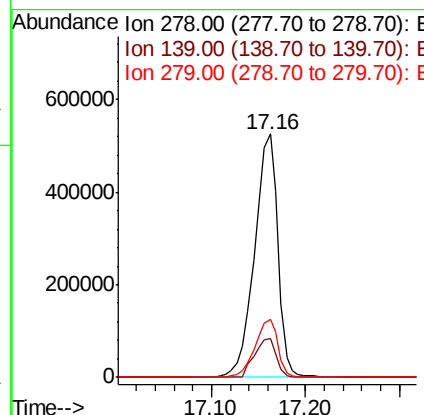
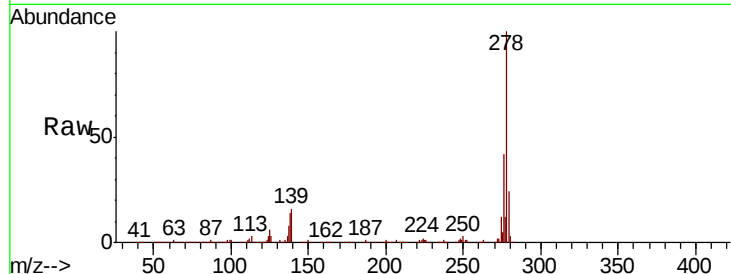
#91
Dibenzo(a,h)anthracene
Concen: 45.607 ng
RT: 17.16 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Instrument :
BNA_F
ClientSampleId :
CARRIAGE-COURTMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.8	20.8
279	24.0	19.6	29.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.899 ng
RT: 17.60 min Scan# 2638
Delta R.T. -0.01 min
Lab File: BF117953.D
Acq: 23 Nov 2019 13:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.9	28.3
138	21.5	17.4	26.2

