

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102119\
 Data File : BF117456.D
 Acq On : 21 Oct 2019 19:21
 Operator : JU
 Sample : K5146-14MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Manual Integrations
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 10/22/2019 3:29:18 PM

Quant Time: Oct 22 03:23:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	63991	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	269134	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	141394	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	236792	20.00	ng	0.00
76) Chrysene-d12	13.90	240	197192	20.00	ng	0.00
87) Perylene-d12	15.33	264	182554	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	362322	84.23	ng	0.02
7) Phenol-d6	6.39	99	489680	84.76	ng	0.00
23) Nitrobenzene-d5	7.30	82	301288	55.27	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	106437	87.00	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	546873	54.50	ng	0.00
79) Terphenyl-d14	12.83	244	614288	50.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	49690	27.477	ng	# 84
3) Pyridine	3.32	79	79158m	17.881	ng	
4) n-Nitrosodimethylamine	3.17	42	52301	32.565	ng	99
6) Aniline	6.41	93	44019	6.490	ng	# 50
8) 2-Chlorophenol	6.53	128	140759	31.012	ng	94
9) Benzaldehyde	6.29	77	70299	21.896	ng	98
10) Phenol	6.40	94	176332	29.905	ng	# 69
11) bis(2-Chloroethyl)ether	6.47	93	139023	31.876	ng	98
12) 1,3-Dichlorobenzene	6.67	146	143893	28.409	ng	97
13) 1,4-Dichlorobenzene	6.75	146	147978	28.799	ng	97
14) 1,2-Dichlorobenzene	6.90	146	139394	28.780	ng	97
15) Benzyl Alcohol	6.89	79	130704	31.667	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	133455	28.366	ng	68
17) 2-Methylphenol	7.00	107	120385	32.242	ng	94
18) Hexachloroethane	7.24	117	55020	27.434	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	107793	30.552	ng	96
20) 3+4-Methylphenols	7.16	107	155909	31.848	ng	# 78
22) Acetophenone	7.15	105	209619	29.332	ng	94
24) Nitrobenzene	7.32	77	159105	30.471	ng	99
25) Isophorone	7.56	82	297431	31.538	ng	98
26) 2-Nitrophenol	7.63	139	73918	31.741	ng	93
27) 2,4-Dimethylphenol	7.68	122	126008	36.206	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	174609	30.005	ng	99
29) 2,4-Dichlorophenol	7.89	162	116506	31.915	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	113112	28.874	ng	100
31) Naphthalene	8.03	128	407304	30.532	ng	100
32) Benzoic acid	7.84	122	84234	35.336	ng	95
33) 4-Chloroaniline	8.10	127	24650	4.378	ng	# 97
34) Hexachlorobutadiene	8.15	225	63583	28.042	ng	97
35) Caprolactam	8.47	113	43566m	37.151	ng	
36) 4-Chloro-3-methylphenol	8.59	107	139763	33.571	ng	95
37) 2-Methylnaphthalene	8.73	142	279806	31.128	ng	98
38) 1-Methylnaphthalene	8.82	142	265481	31.430	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	107008	28.099	ng	98

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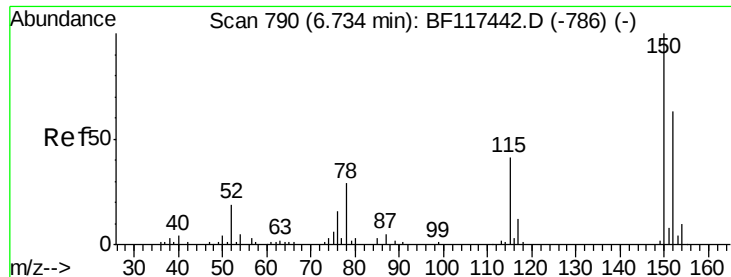
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	65595	68.355	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	75029	31.461	nq	96
44) 2,4,5-Trichlorophenol	9.06	196	83316	34.476	nq	98
46) 1,1'-Biphenyl	9.19	154	335500	28.662	nq	97
47) 2-Chloronaphthalene	9.22	162	257701	29.199	nq	97
48) 2-Nitroaniline	9.32	65	86047	29.699	nq	89
49) Acenaphthylene	9.63	152	402414	31.042	nq	99
50) Dimethylphthalate	9.49	163	340288	33.759	nq	100
51) 2,6-Dinitrotoluene	9.56	165	65489	31.135	nq	99
52) Acenaphthene	9.80	154	238260	29.957	nq	97
53) 3-Nitroaniline	9.73	138	39078	15.312	nq	88
54) 2,4-Dinitrophenol	9.85	184	55377	64.560	nq	98
55) Dibenzofuran	9.97	168	355436	30.846	nq	99
56) 4-Nitrophenol	9.92	139	87628	74.870	nq	93
57) 2,4-Dinitrotoluene	9.97	165	90843	32.484	nq	96
58) Fluorene	10.32	166	297948	31.267	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	63805m	33.593	nq	
60) Diethylphthalate	10.19	149	319437	31.331	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	129257	30.234	nq	95
62) 4-Nitroaniline	10.35	138	65984	27.430	nq	95
63) Azobenzene	10.46	77	333754	31.978	nq	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	42045	34.924	nq	93
66) n-Nitrosodiphenylamine	10.43	169	267532	30.905	nq	98
67) 4-Bromophenyl-phenylether	10.79	248	74506	29.212	nq	95
68) Hexachlorobenzene	10.87	284	78947	28.903	nq	92
69) Atrazine	10.96	200	79946	36.299	nq	98
70) Pentachlorophenol	11.07	266	72846	88.962	nq	99
71) Phenanthrene	11.27	178	429038	31.204	nq	99
72) Anthracene	11.33	178	456878	32.384	nq	99
73) Carbazole	11.49	167	417709	32.398	nq	99
74) Di-n-butylphthalate	11.81	149	545457	31.663	nq	100
75) Fluoranthene	12.46	202	453028	32.913	nq	99
77) Benzidine	12.59	184	10547	Below	Cal	98
78) Pyrene	12.69	202	471554	27.840	nq	100
80) Butylbenzylphthalate	13.30	149	244776	29.041	nq	99
81) Benzo(a)anthracene	13.89	228	398180	29.935	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	69369	16.620	nq	100
83) Chrysene	13.92	228	387701	29.740	nq	99
84) Bis(2-ethylhexyl)phthalate	13.87	149	353199	29.915	nq	98
85) Di-n-octyl phthalate	14.48	149	606838	33.429	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	307728	31.617	nq	99
88) Benzo(b)fluoranthene	14.93	252	347842	32.267	nq	98
89) Benzo(k)fluoranthene	14.95	252	329763	29.846	nq	100
90) Benzo(a)pyrene	15.27	252	297290	30.332	nq	97
91) Dibenzo(a,h)anthracene	16.74	278	264823	31.248	nq	97
92) Benzo(g,h,i)perylene	17.16	276	255601	31.875	nq	98

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



#1

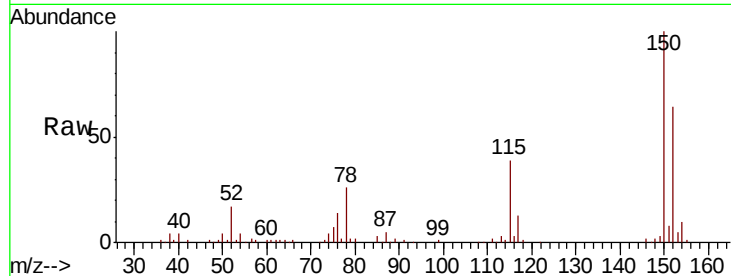
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.8	190.2
115	61.2	51.6	77.4

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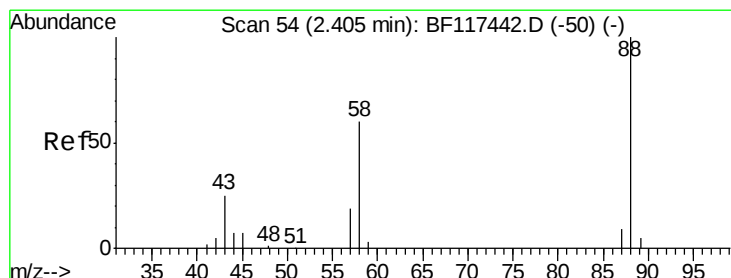
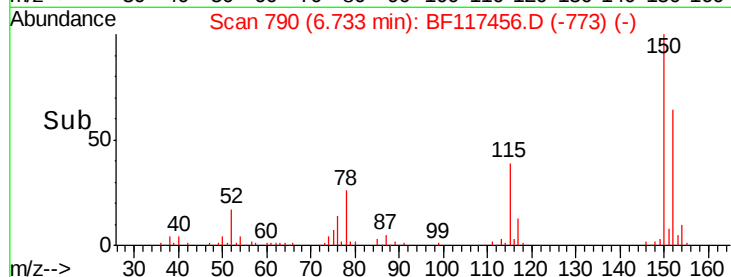
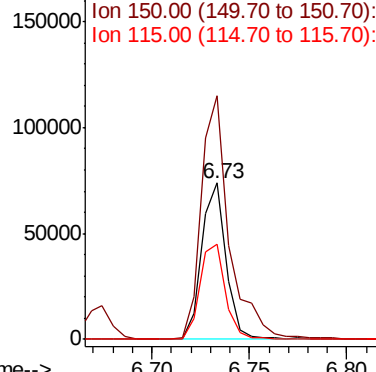


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

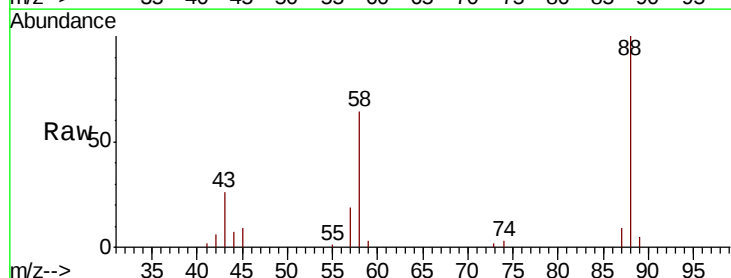
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.477 ng
RT: 2.56 min Scan# 81
Delta R.T. 0.16 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.0	48.8	73.2
43	0.0	18.5	27.7#

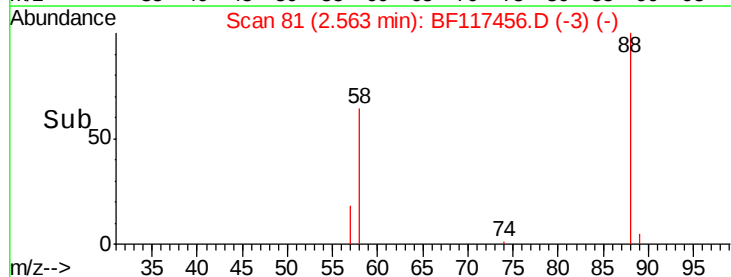
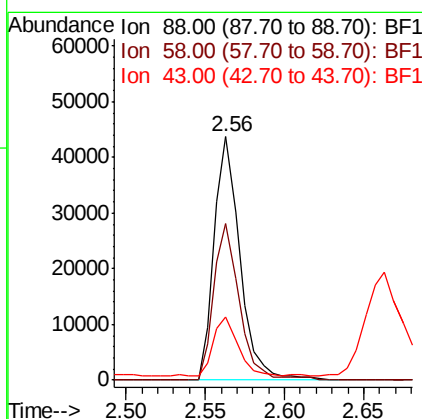


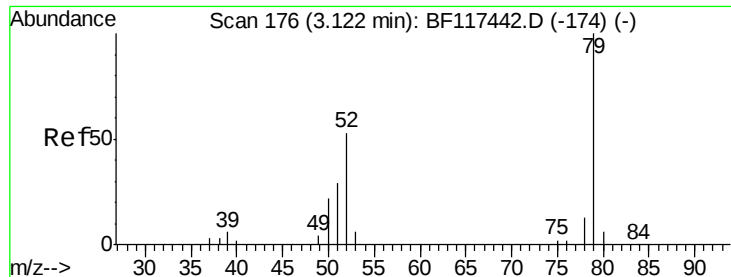
Abundance

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: 17.881 ng/ml

RT: 3.32 min Scan# 209

Delta R.T. 0.19 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

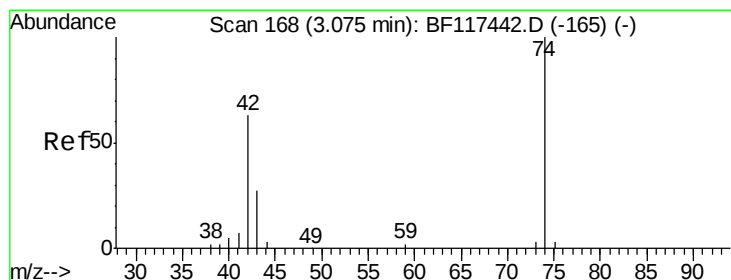
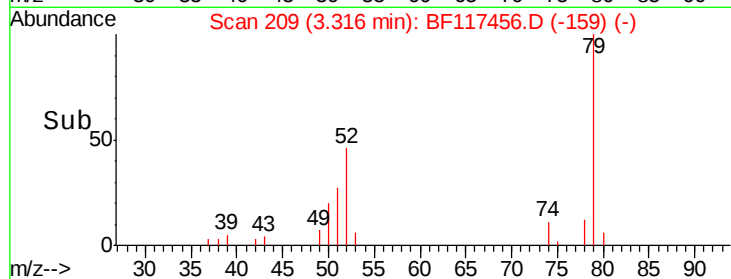
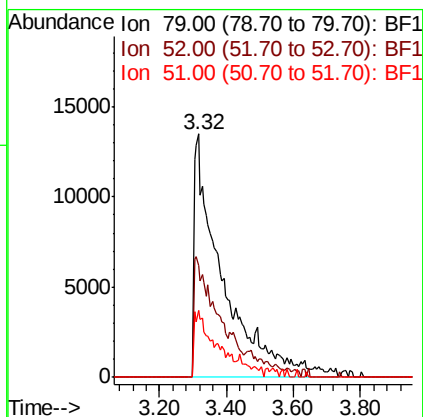
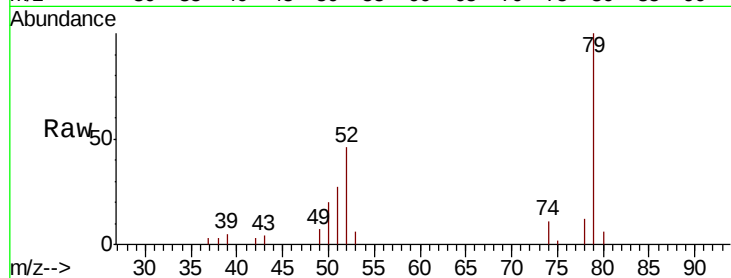
ClientSampleId :

CL-02-101819MS

Tot Ion:	79	Resp:	79158
Ion	Ratio	Lower	Upper
79	100		
52	46.0	42.4	63.6
51	27.5	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 32.565 ng/ml

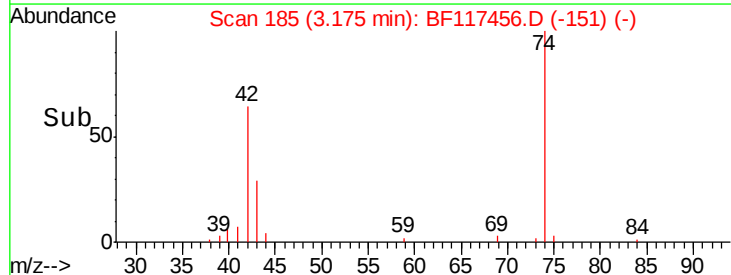
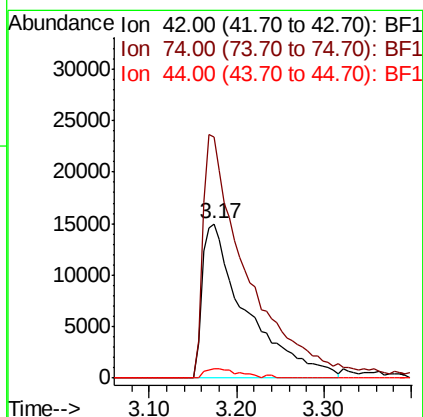
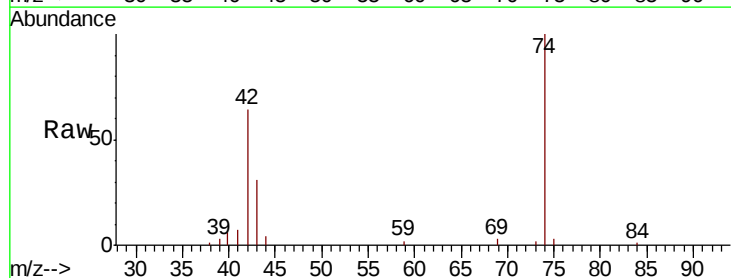
RT: 3.17 min Scan# 185

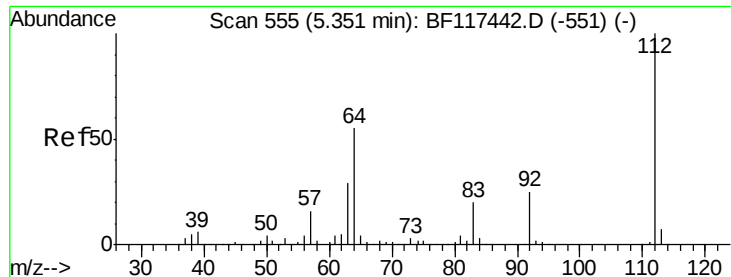
Delta R.T. 0.10 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	42	Resp:	52301
Ion	Ratio	Lower	Upper
42	100		
74	156.9	124.2	186.4
44	6.3	4.2	6.4





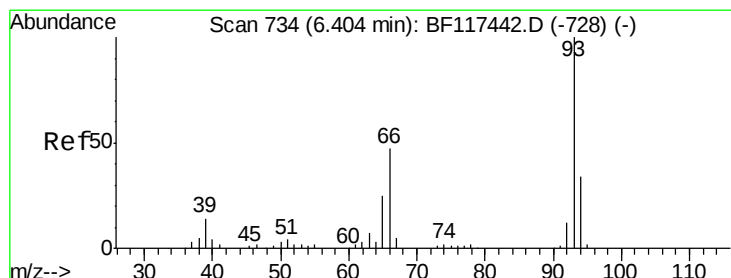
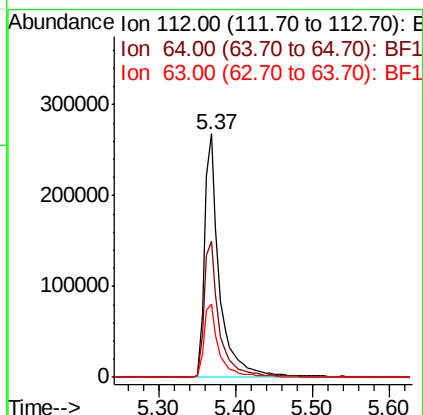
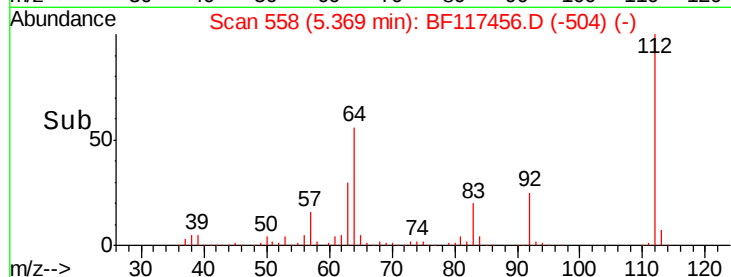
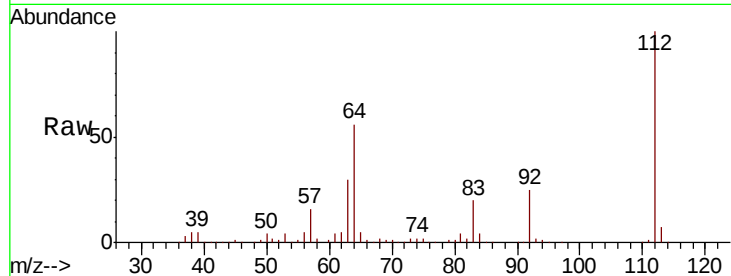
#5
2-Fluorophenol
Concen: 84.235 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp Lower	Resp Upper
112	100		
64	55.8	44.1	66.1
63	30.3	23.4	35.2

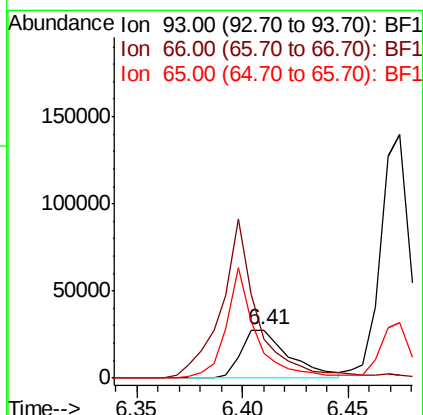
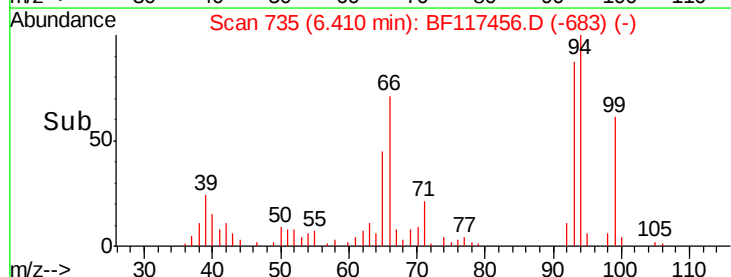
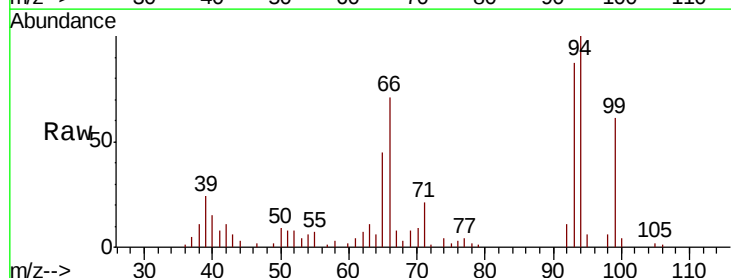
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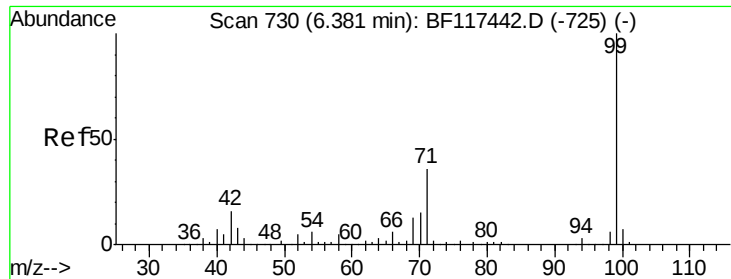
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#6
Aniline
Concen: 6.490 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp Lower	Resp Upper
93	100		
66	81.6	38.7	58.1#
65	51.4	20.1	30.1#





#7

Phenol-d6

Concen: 84.761 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

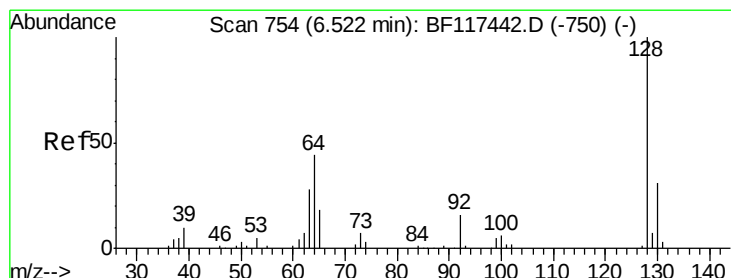
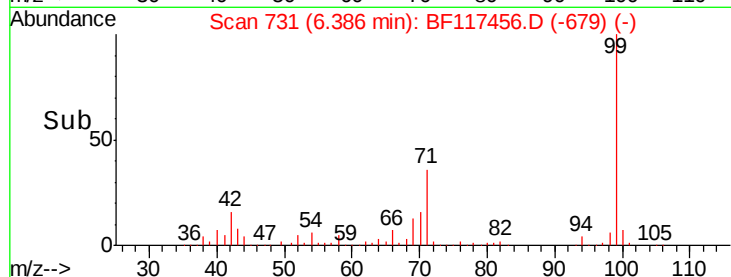
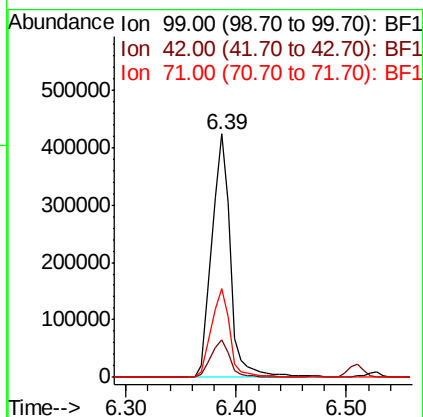
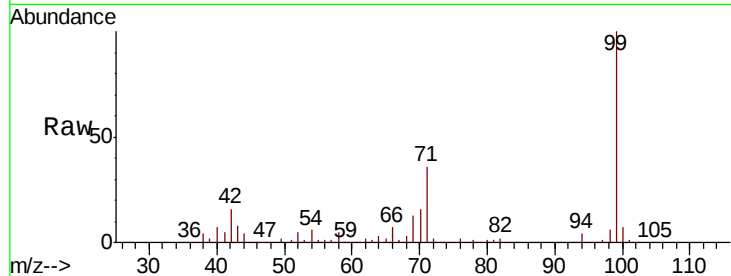
ClientSampleId :

CL-02-101819MS

Tot Ion:	99	Resp:	489680
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.8	19.2
71	36.4	28.6	43.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 31.012 ng

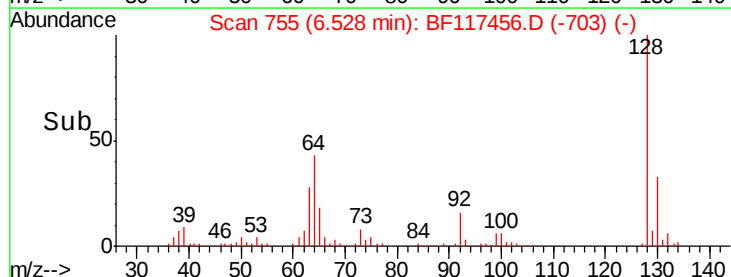
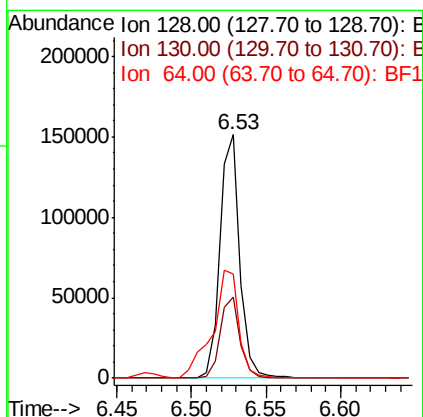
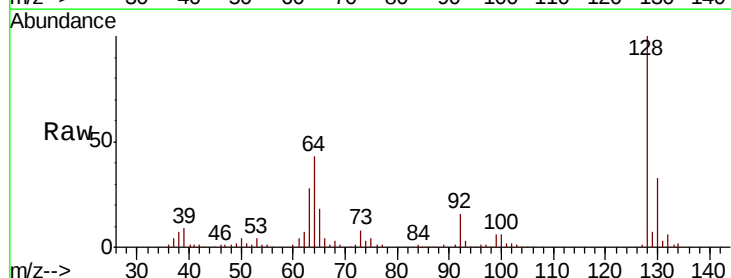
RT: 6.53 min Scan# 755

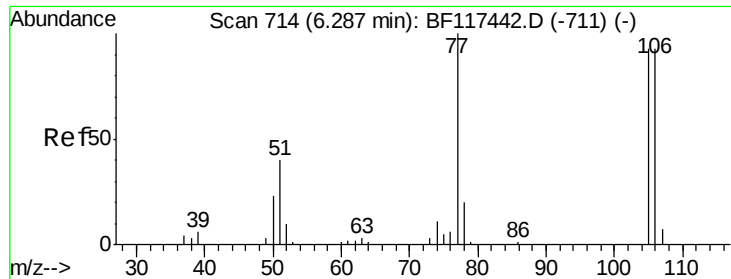
Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	128	Resp:	140759
Ion Ratio	Lower	Upper	
128	100		
130	33.5	11.1	51.1
64	42.5	27.1	67.1





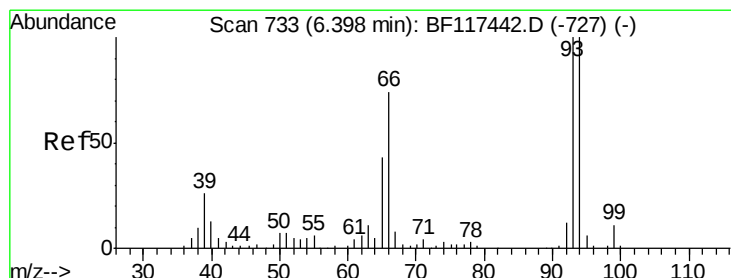
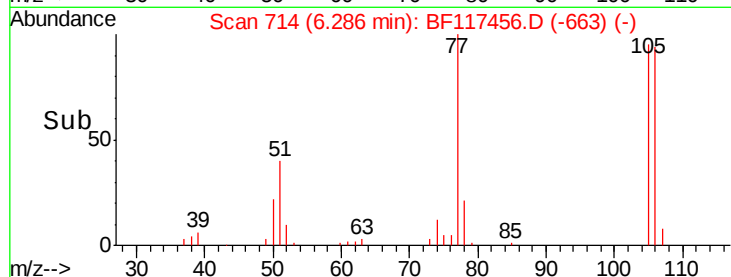
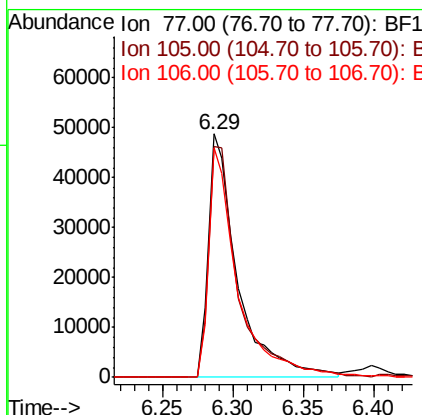
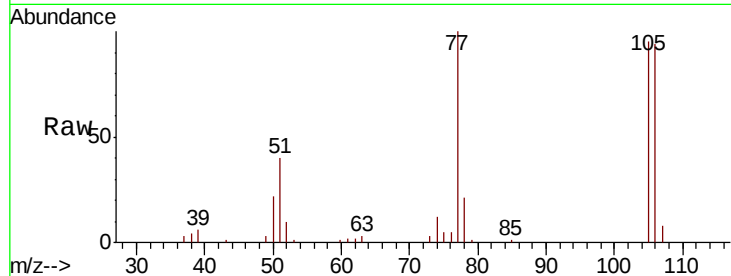
#9
Benzaldehyde
Concen: 21.896 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.0	73.4	113.4
106	94.4	73.0	113.0

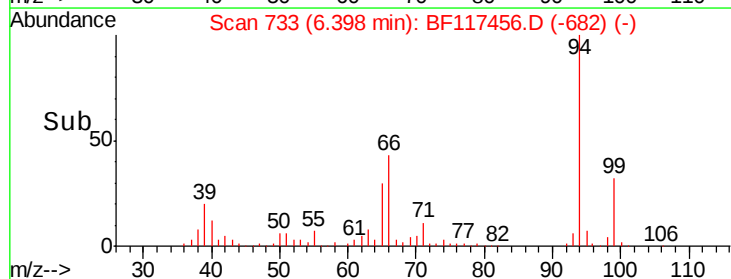
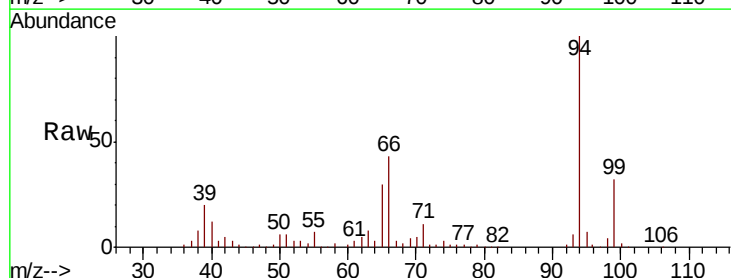
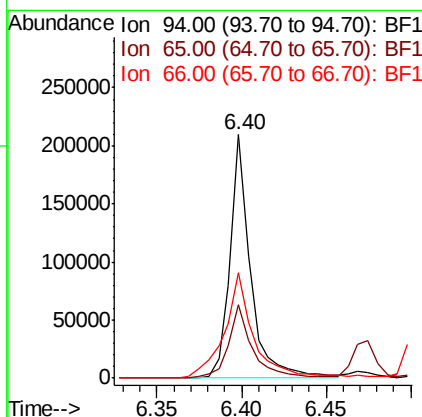
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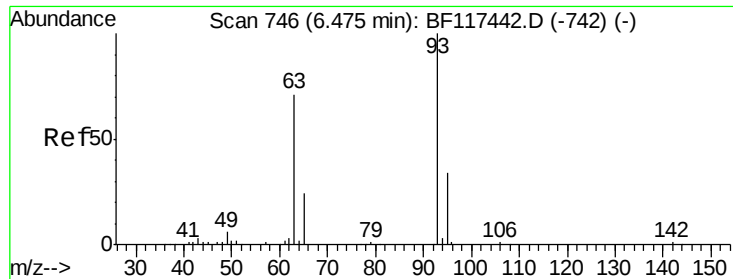
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#10
Phenol
Concen: 29.905 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.4	23.4	63.4
66	43.5	54.7	94.7





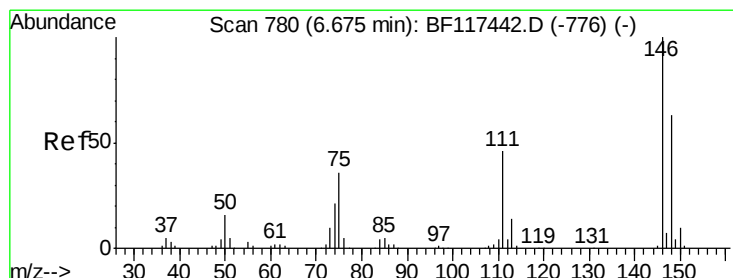
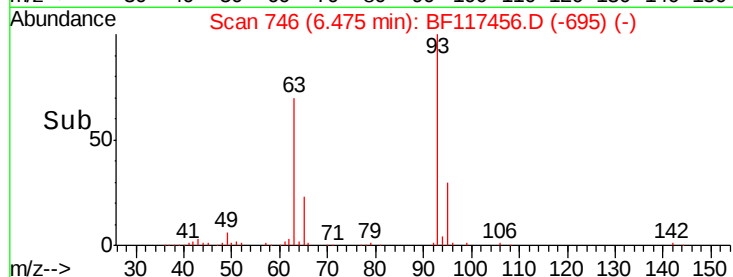
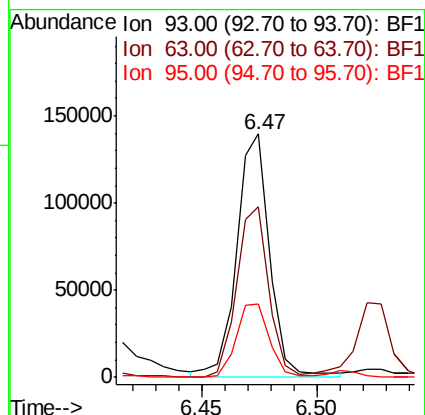
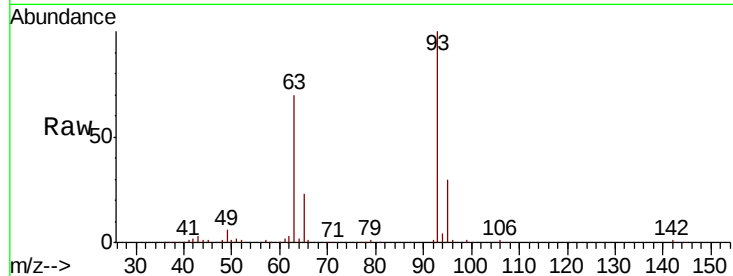
#11
bis(2-Chloroethyl)ether
Concen: 31.876 ng
RT: 6.47 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	93	Resp	139023
Ion Ratio	Lower	Upper	
93	100		
63	70.1	50.2	90.2
95	30.3	13.9	53.9

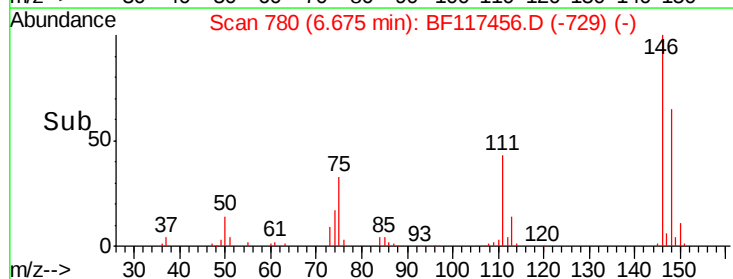
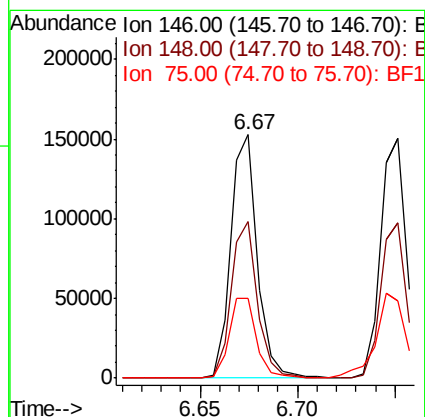
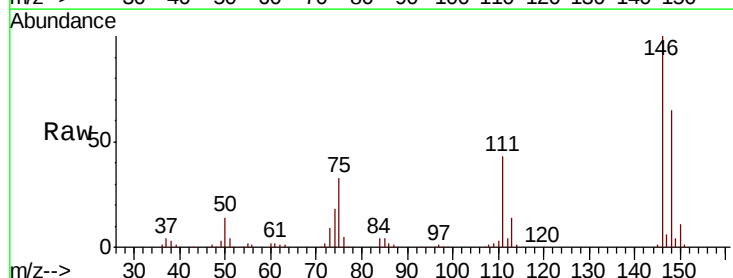
Manual Integrations
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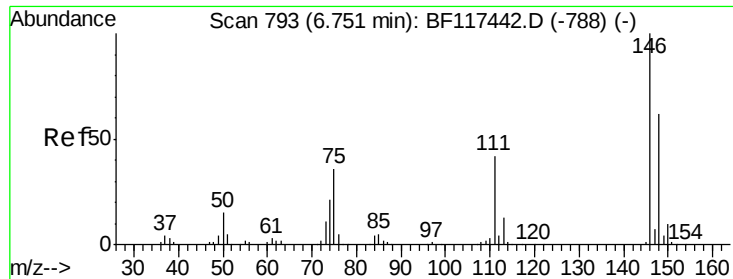
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#12
1,3-Dichlorobenzene
Concen: 28.409 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	146	Resp	143893
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.6	75.8
75	32.7	28.6	43.0





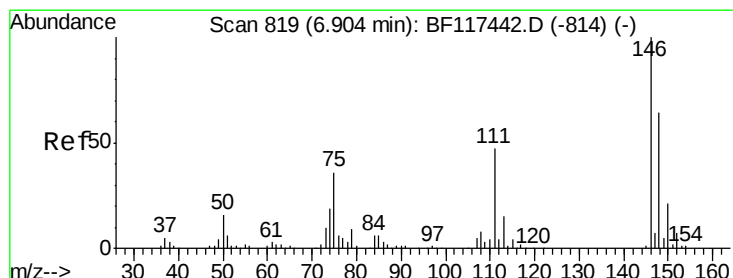
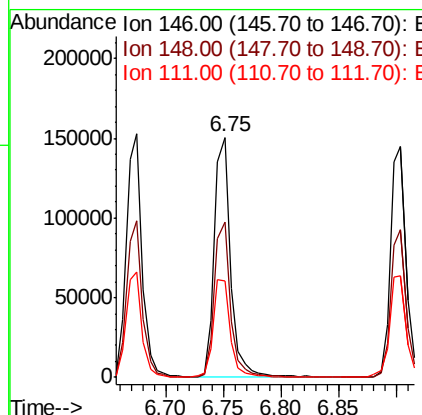
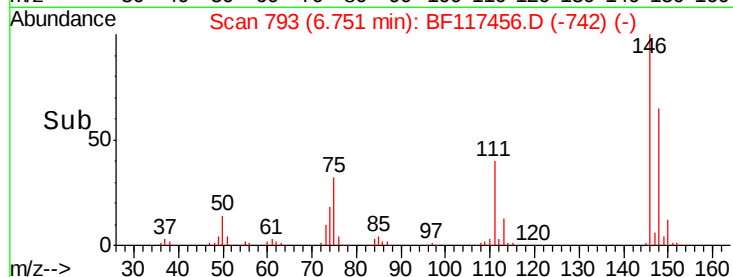
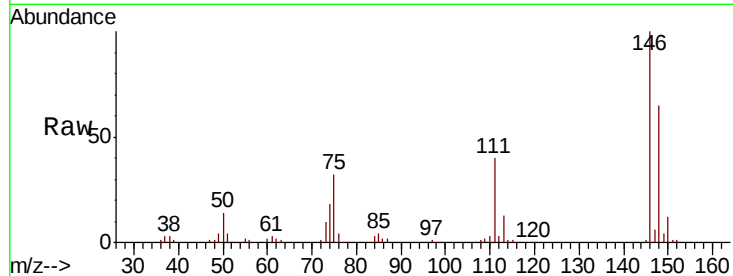
#13
1,4-Dichlorobenzene
Concen: 28.799 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	40.3	33.6	50.4

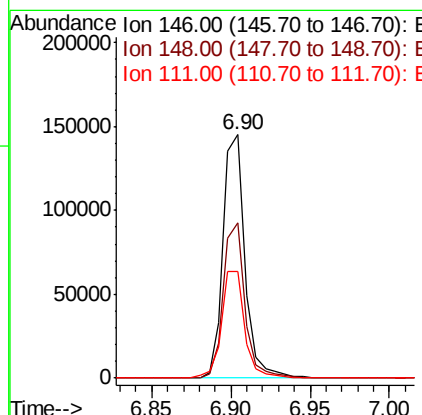
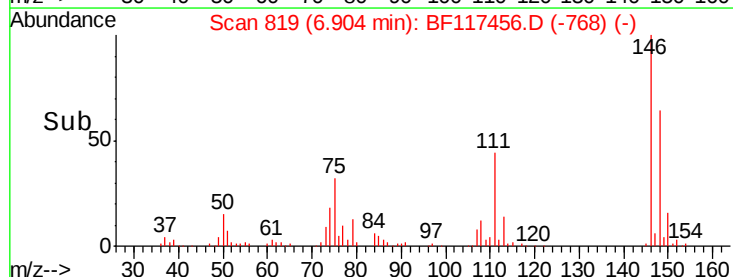
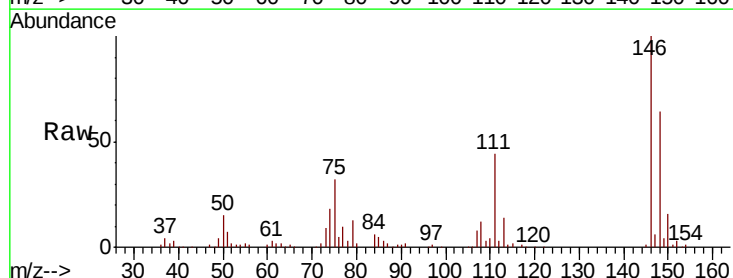
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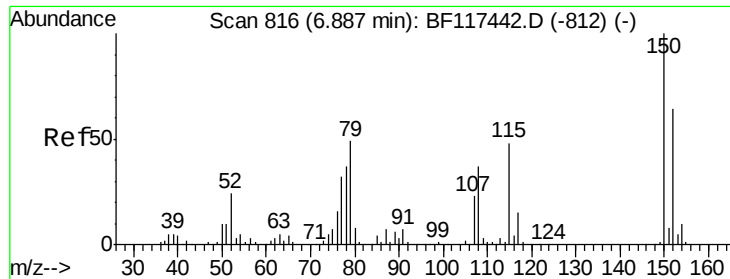
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#14
1,2-Dichlorobenzene
Concen: 28.780 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	43.6	37.7	56.5





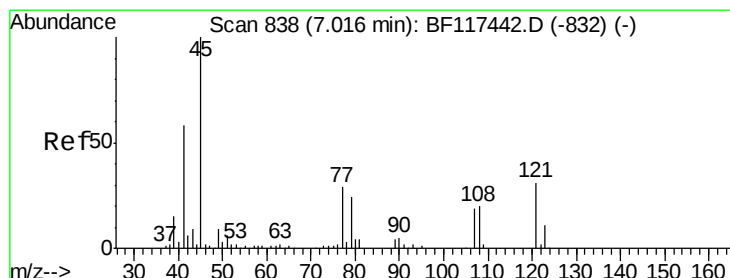
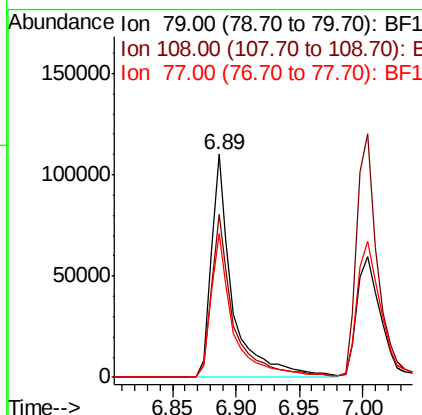
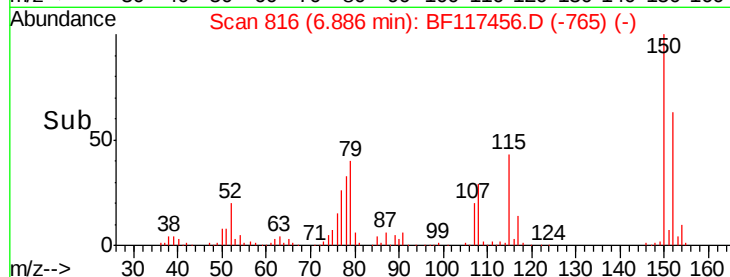
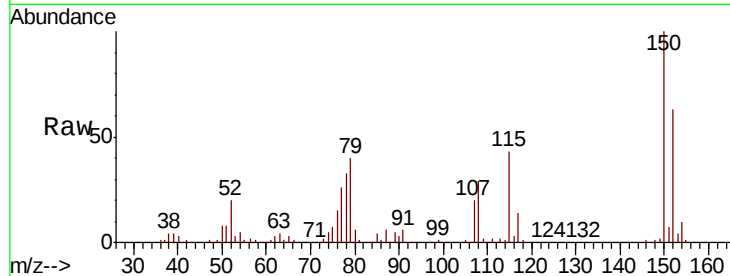
#15
Benzyl Alcohol
Concen: 31.667 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	59.8	89.8
77	64.7	51.4	77.0

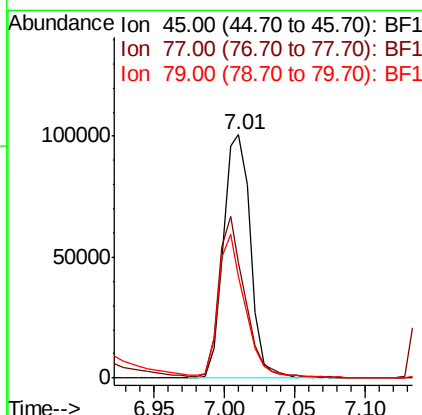
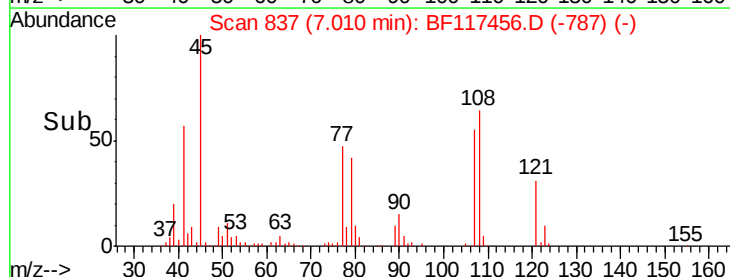
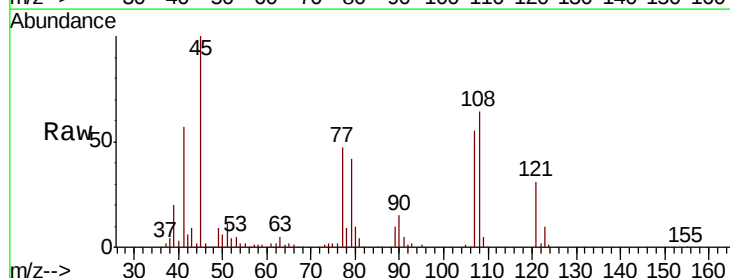
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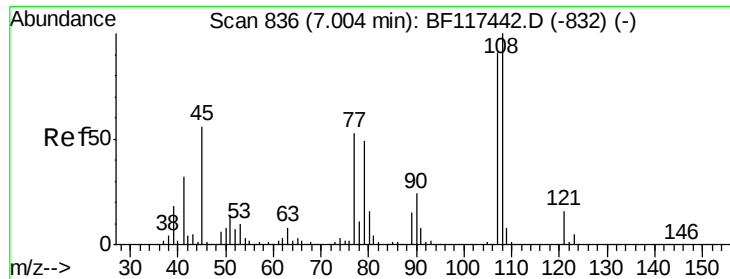
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 28.366 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	47.4	9.9	49.9
79	41.8	5.5	45.5





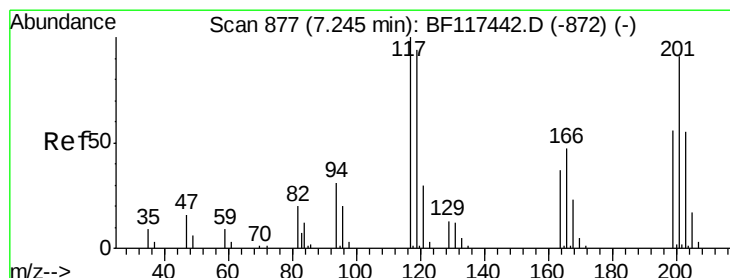
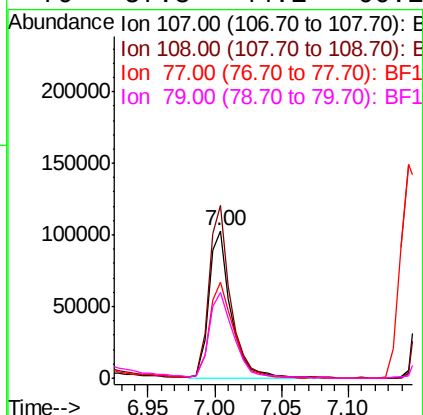
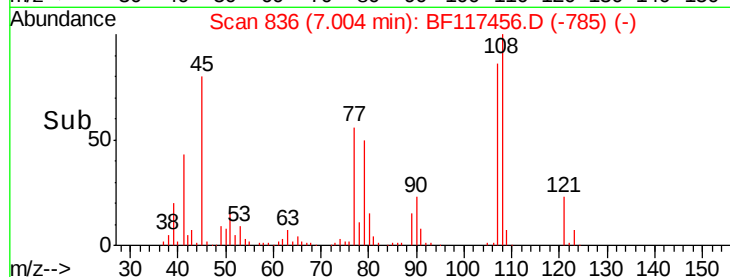
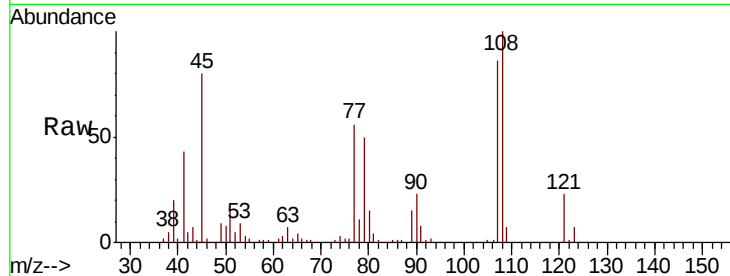
#17
2-Methylphenol
Concen: 32.242 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	116.7	88.0	120385	132.0	
77	65.1	47.2	70.8		
79	57.8	44.1	66.1		

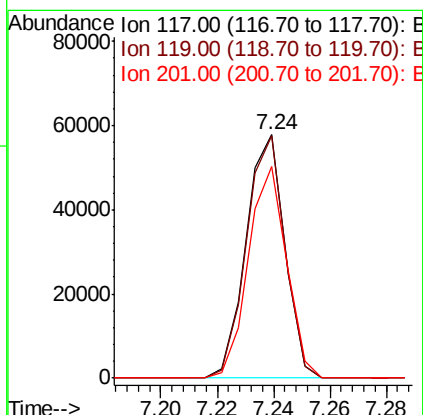
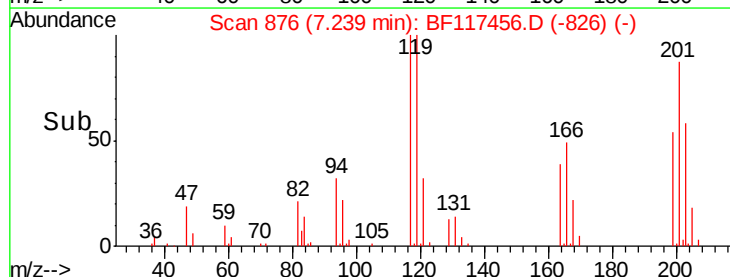
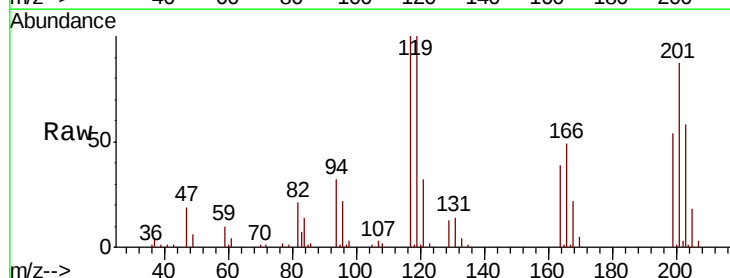
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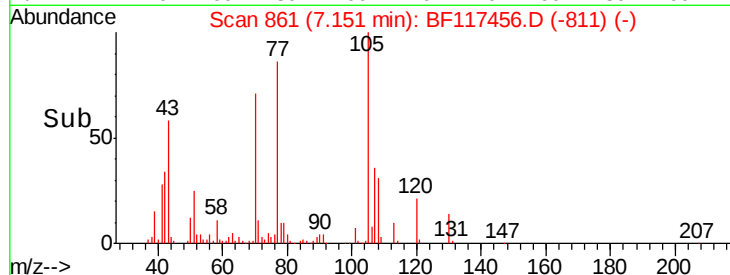
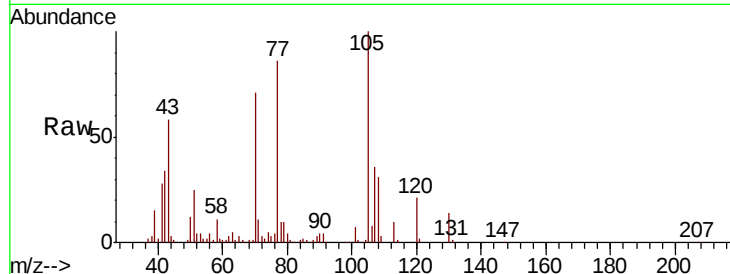
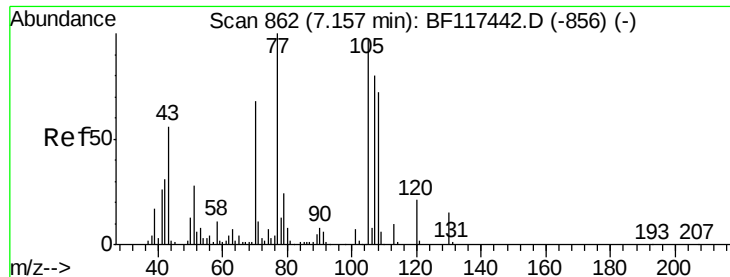
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#18
Hexachloroethane
Concen: 27.434 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	99.7	75.4	55020	113.0	
201	87.1	72.5	108.7		





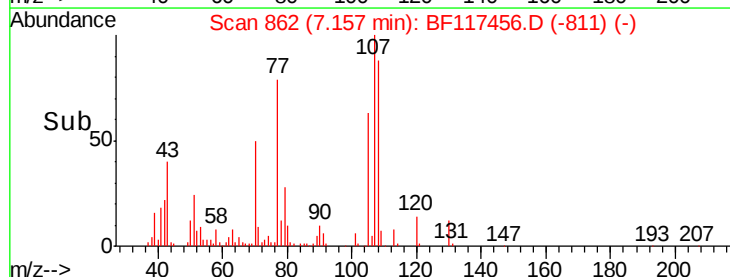
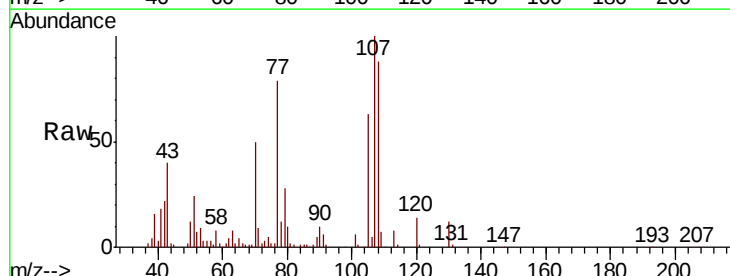
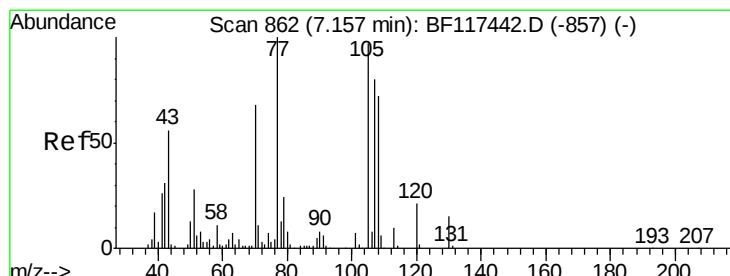
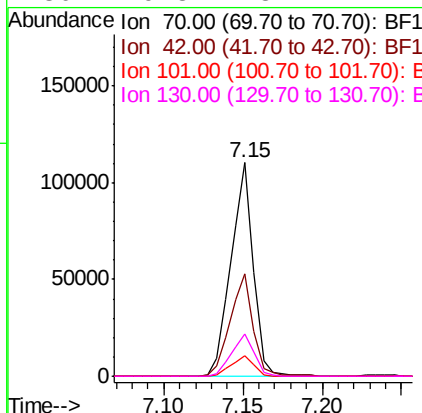
#19
n-Nitroso-di-n-propylamine
Concen: 30.552 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.8	36.7	55.1
101	9.4	8.3	12.5
130	19.8	18.1	27.1

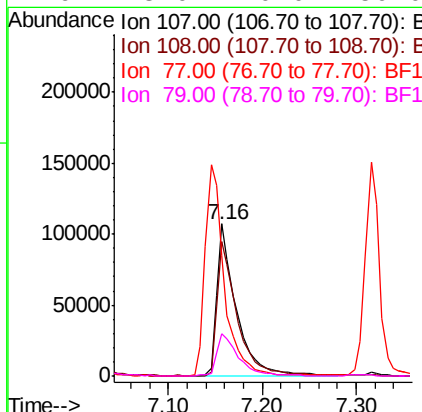
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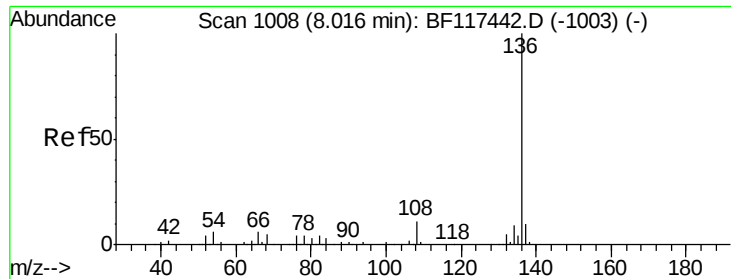
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#20
3+4-Methylphenols
Concen: 31.848 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.3	110.3
77	79.1	104.8	144.8#
79	28.0	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

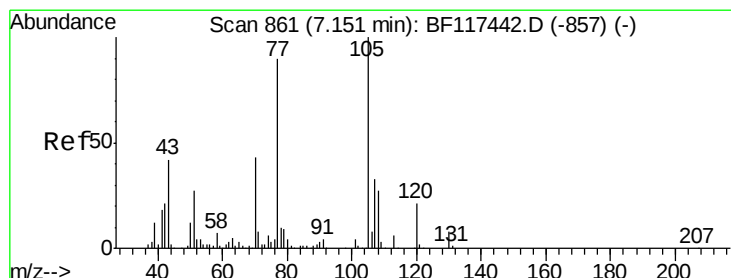
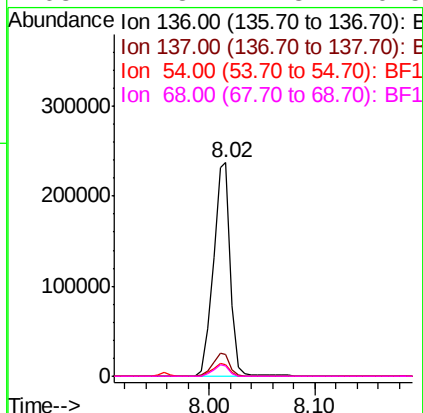
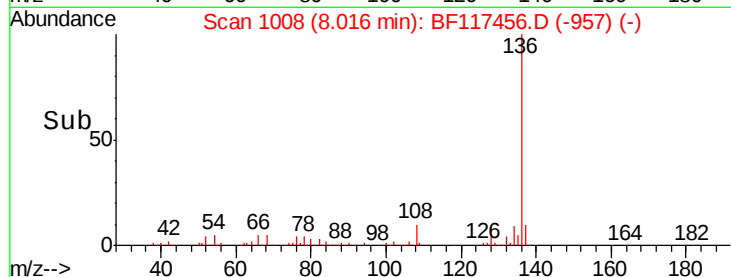
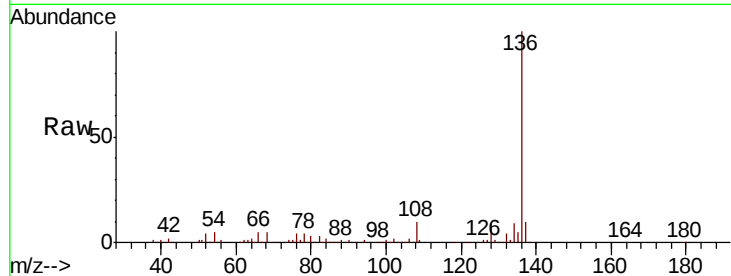
ClientSampleId :

CL-02-101819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		269134		
137	10.4	8.2	12.4		
54	5.4	4.5	6.7		
68	4.8	4.3	6.5		

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#22

Acetophenone

Concen: 29.332 ng

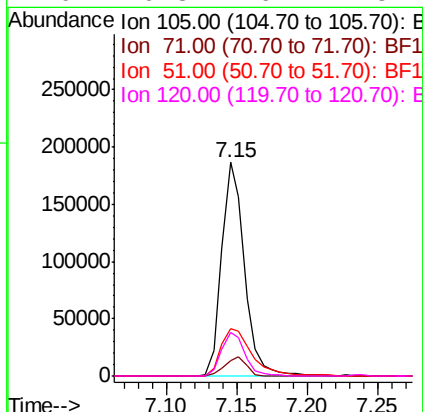
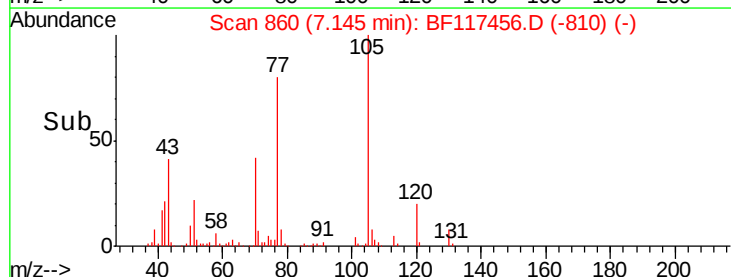
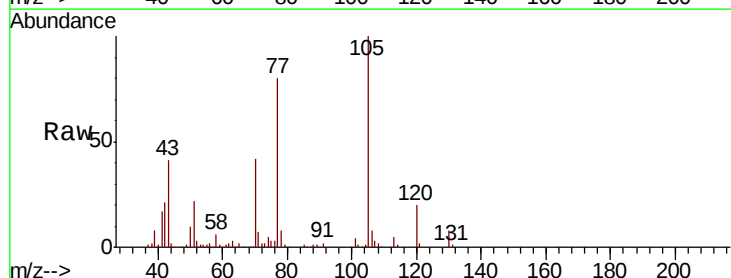
RT: 7.15 min Scan# 860

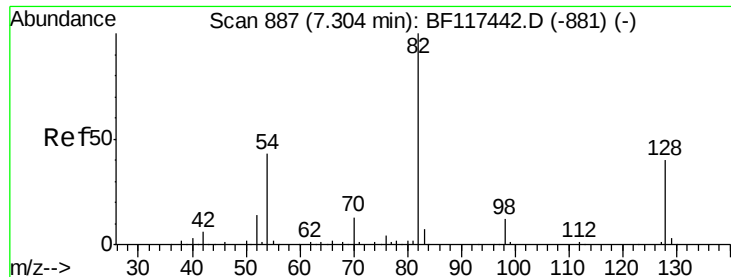
Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		209619		
71	6.9	6.2	9.2		
51	22.1	21.8	32.6		
120	20.3	16.7	25.1		





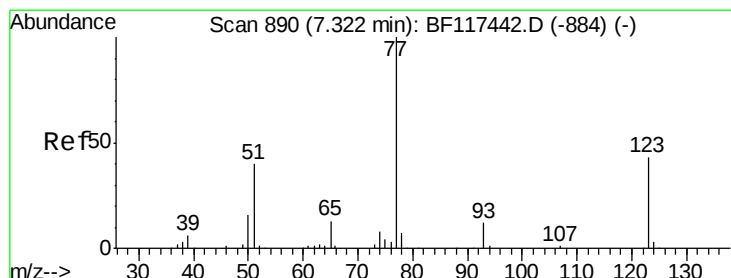
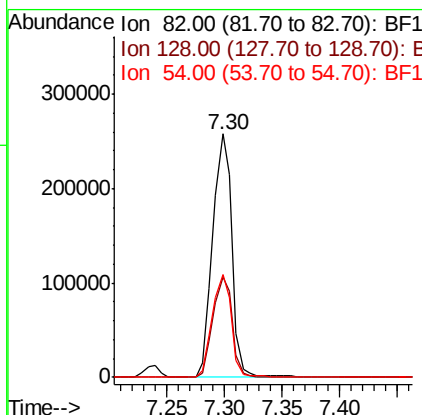
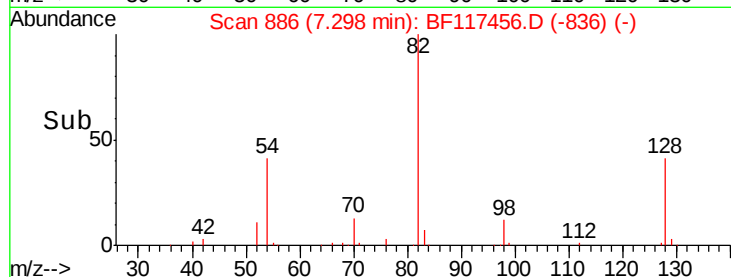
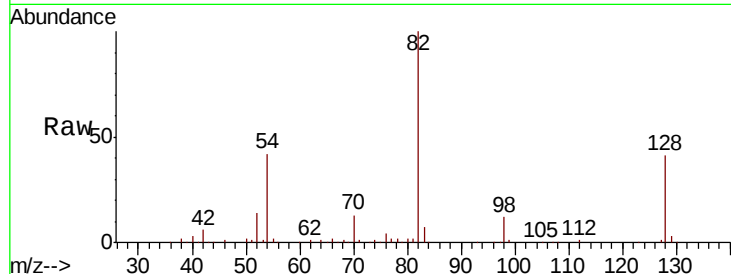
#23
Nitrobenzene-d5
Concen: 55.266 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	301288		
128	41.2		32.2	48.2
54	42.4		34.2	51.2

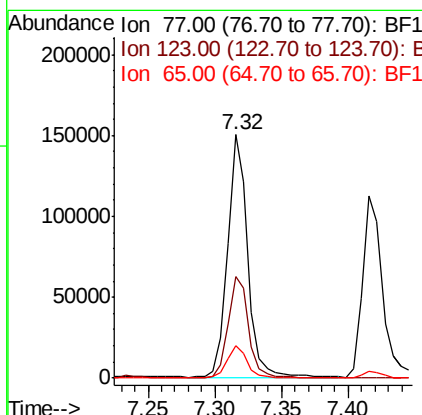
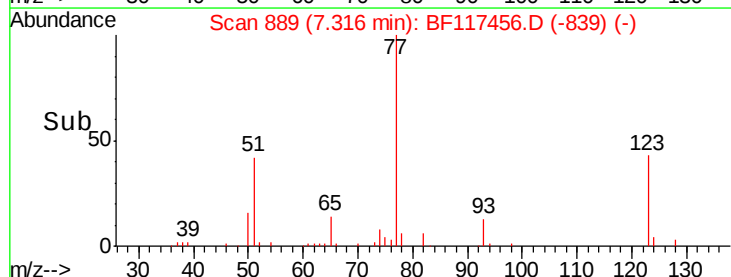
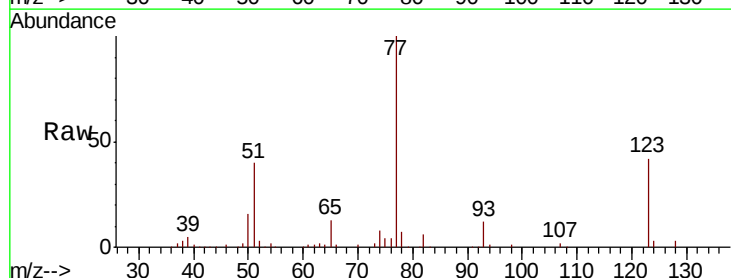
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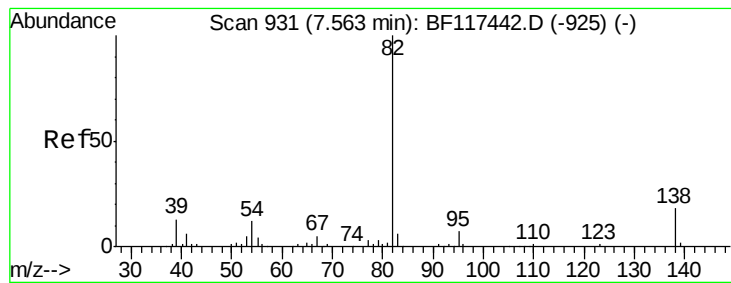
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#24
Nitrobenzene
Concen: 30.471 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	159105		
123	41.8		34.2	51.2
65	13.2		10.3	15.5





#25

Isophorone

Concen: 31.538 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

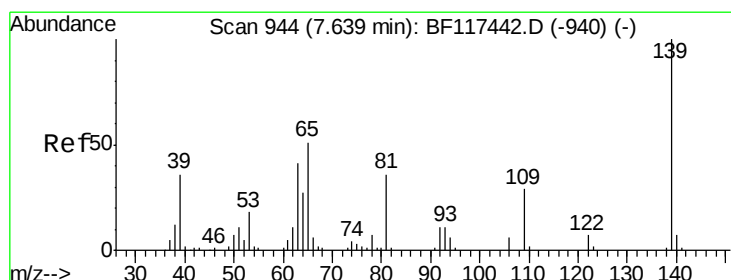
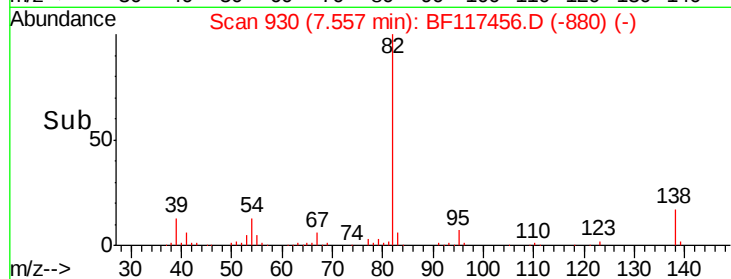
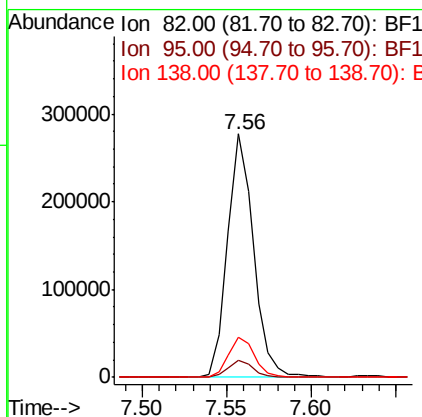
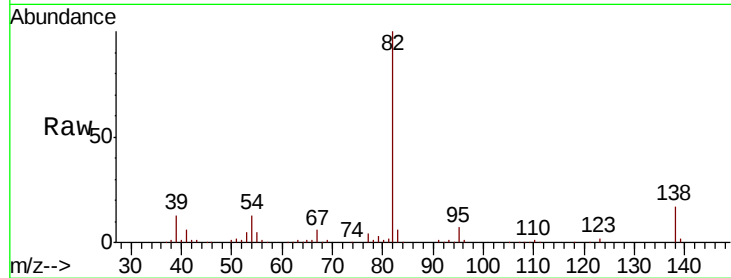
ClientSampleId :

CL-02-101819MS

Tot Ion:	82	Resp:	297431
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	16.7	14.2	21.2

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#26

2-Nitrophenol

Concen: 31.741 ng

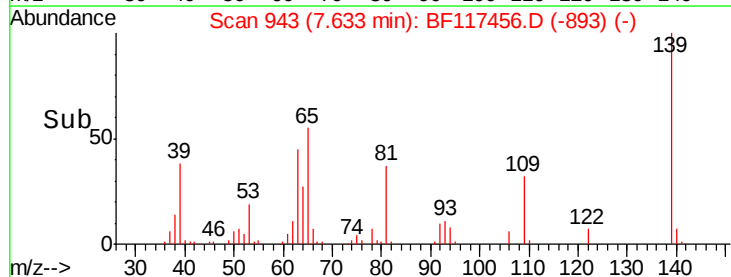
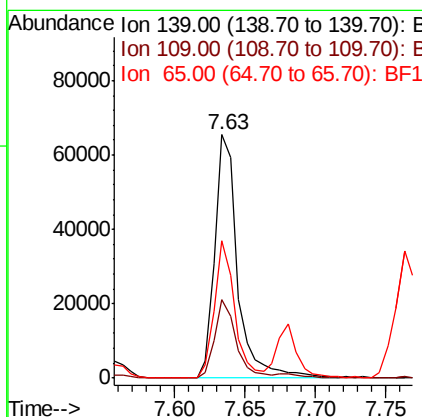
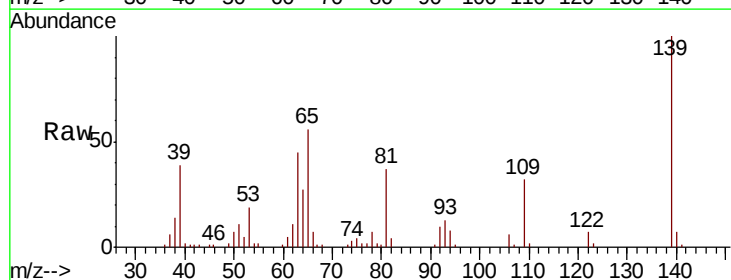
RT: 7.63 min Scan# 943

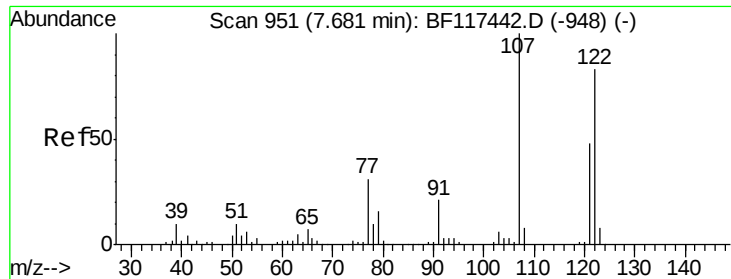
Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	139	Resp:	73918
Ion Ratio	Lower	Upper	
139	100		
109	32.2	23.2	34.8
65	56.5	41.1	61.7





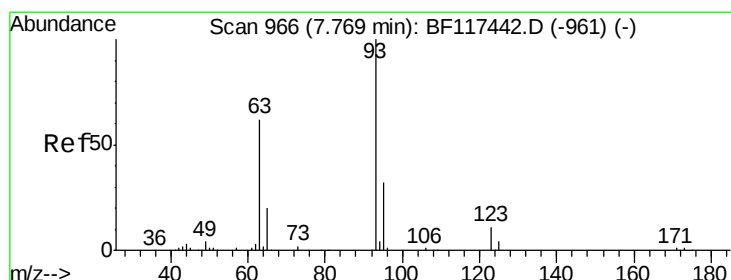
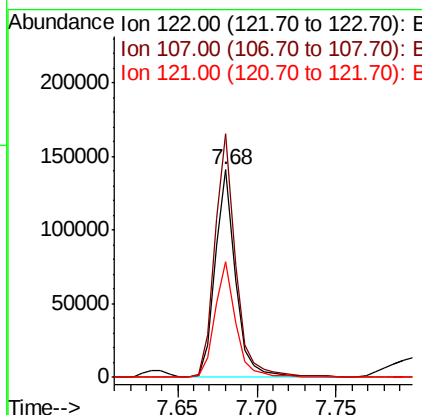
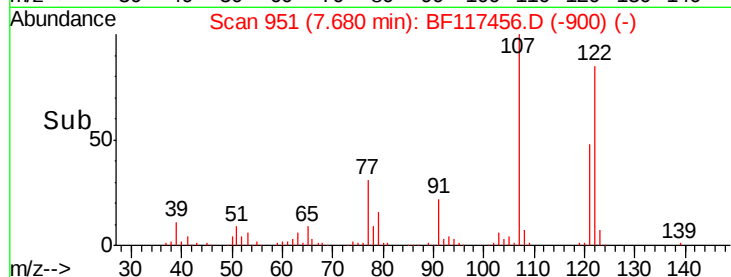
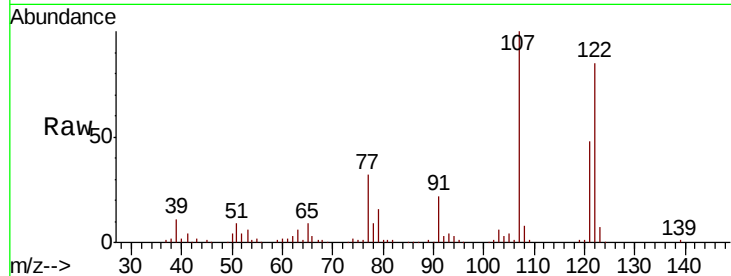
#27
 2,4-Dimethylphenol
 Concen: 36.206 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.4	96.8	145.2
121	56.0	46.4	69.6

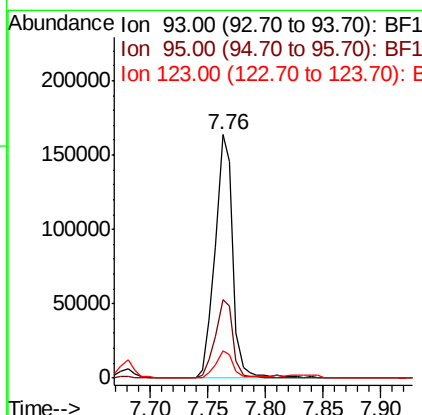
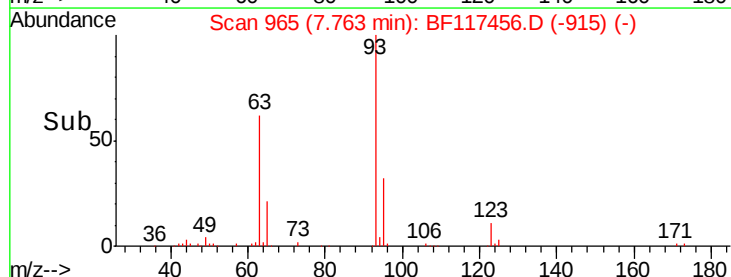
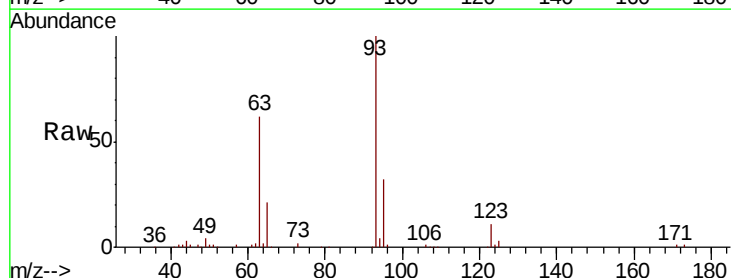
Manual Integrations
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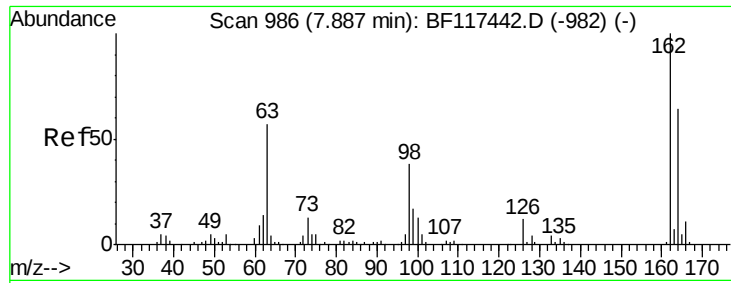
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 30.005 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.5	38.3
123	11.0	9.0	13.6





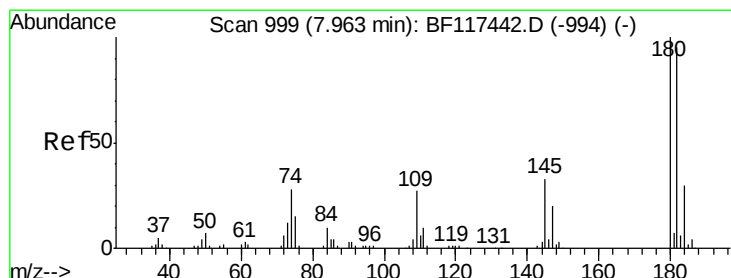
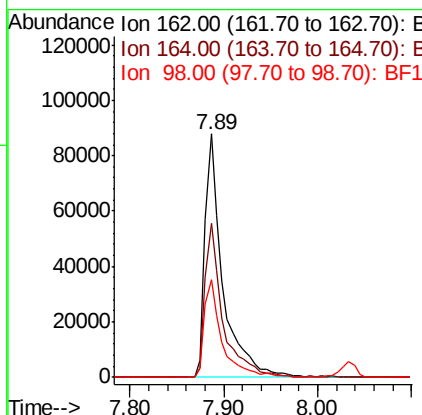
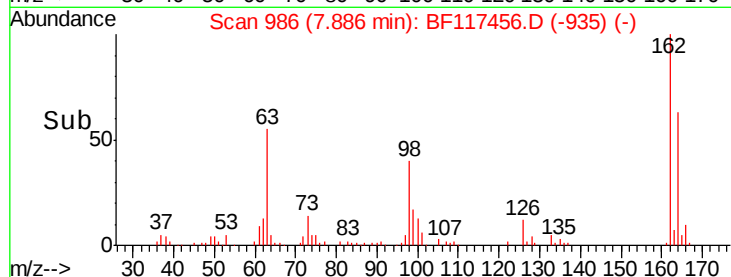
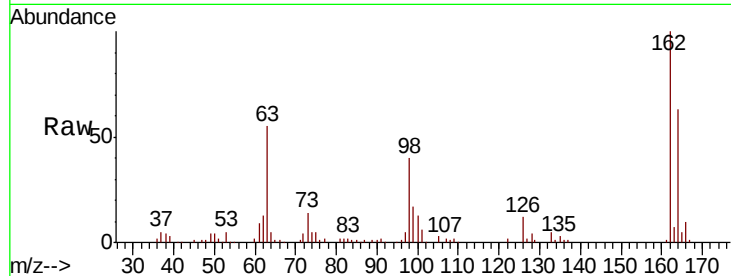
#29
2,4-Dichlorophenol
Concen: 31.915 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion:	162	Resp:	116506
Ion Ratio	Lower	Upper	
162	100		
164	63.4	44.4	84.4
98	40.2	18.2	58.2

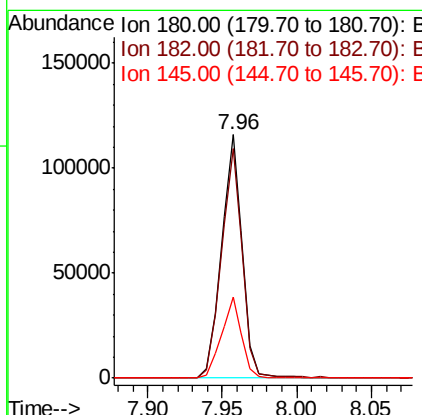
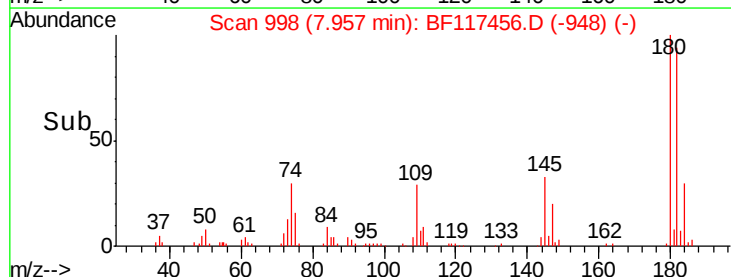
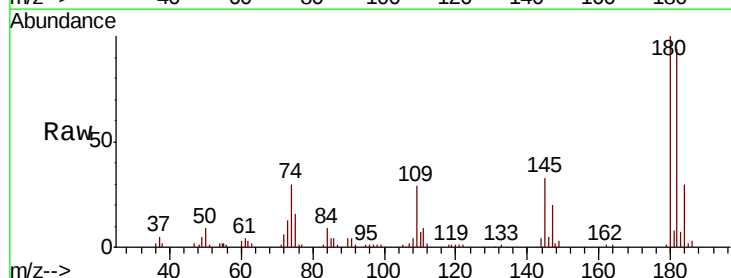
Manual Integrations
APPROVED

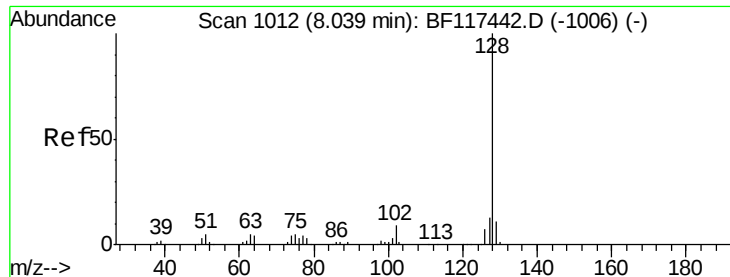
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 28.874 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion:	180	Resp:	113112
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.8
145	33.4	26.5	39.7





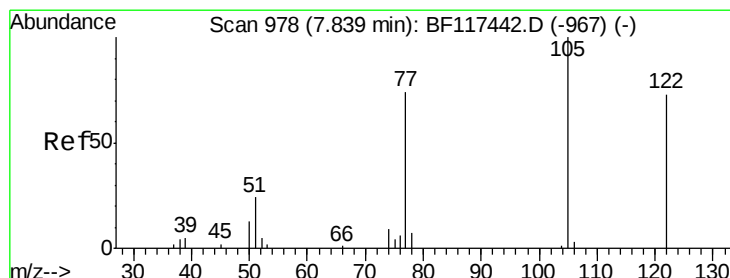
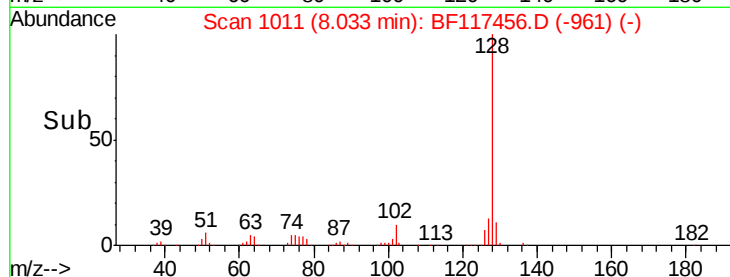
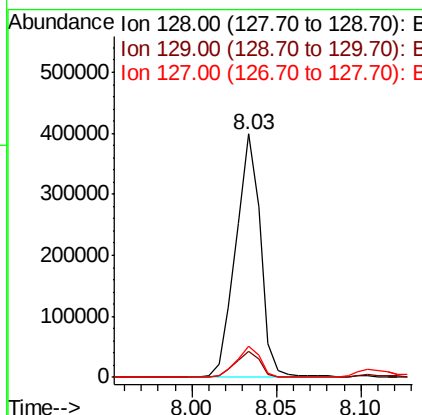
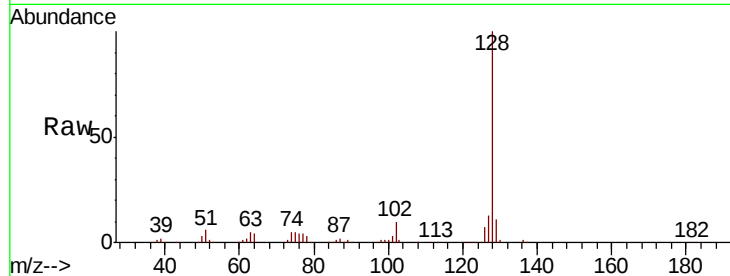
#31
Naphthalene
Concen: 30.532 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.6	10.2	15.2

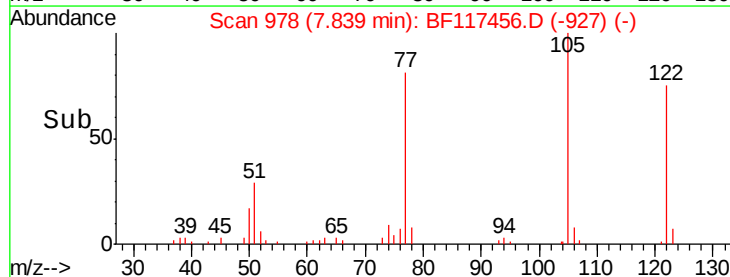
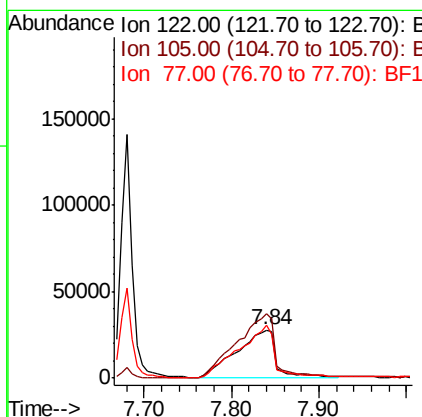
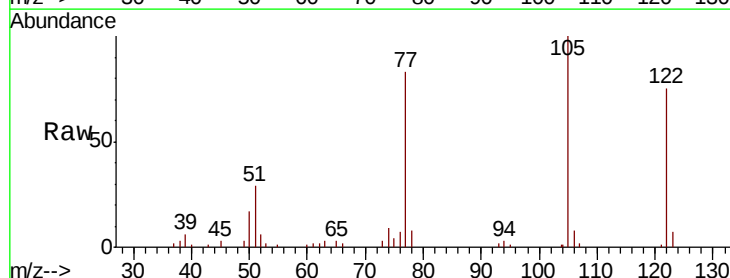
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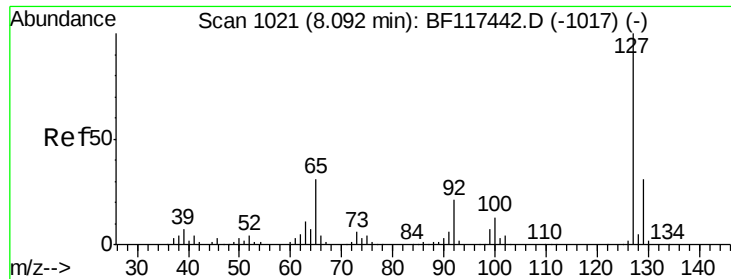
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#32
Benzoic acid
Concen: 35.336 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	134.1	115.0	155.0
77	110.7	79.7	119.7





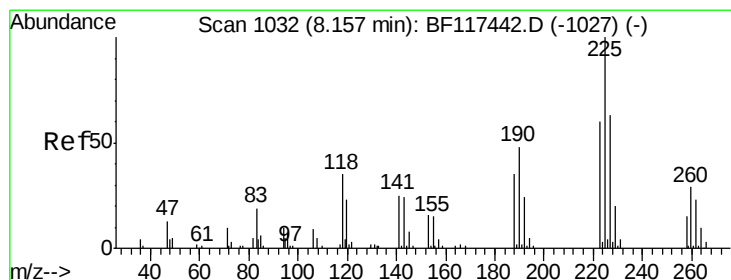
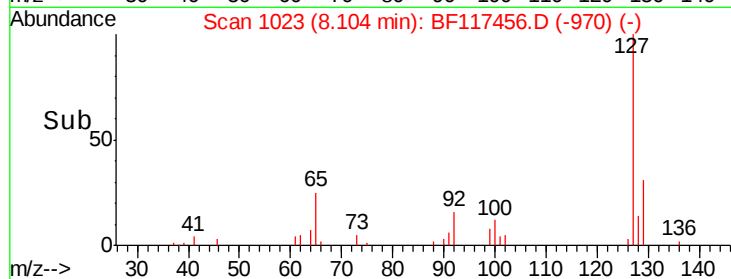
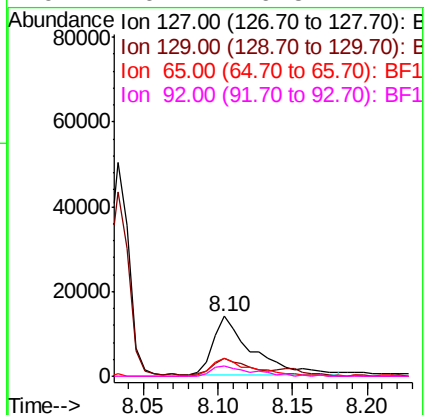
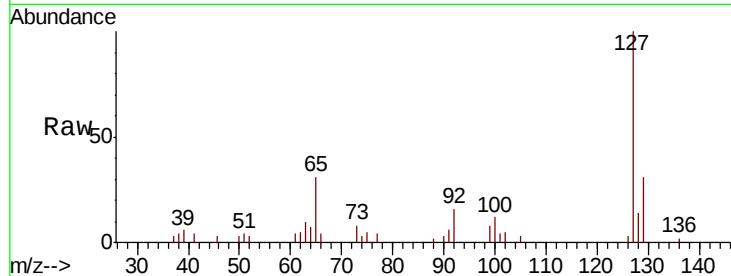
#33
4-Chloroaniline
Concen: 4.378 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.6	24.8	37.2	
65	30.9	24.6	37.0	
92	16.2	16.5	24.7	

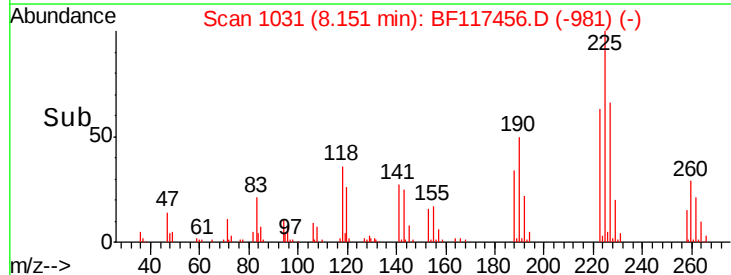
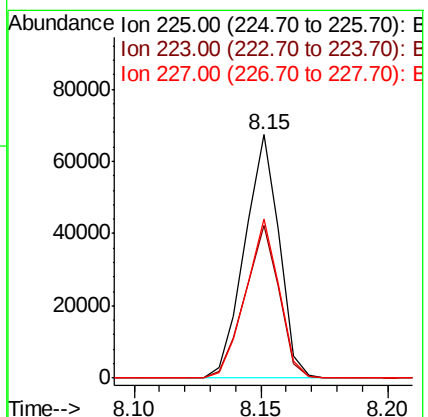
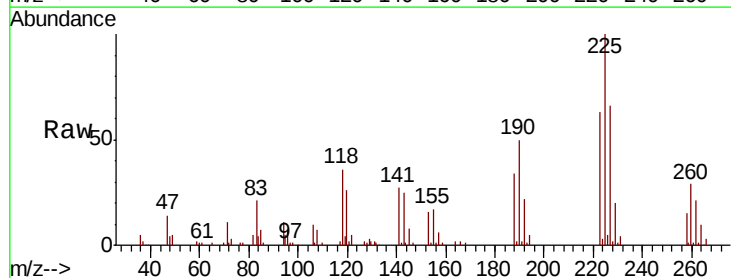
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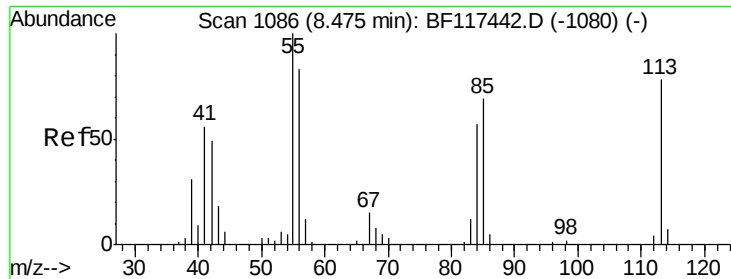
mohammad
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#34
Hexachlorobutadiene
Concen: 28.042 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	48.2	72.4	
227	65.5	50.2	75.4	





#35

Caprolactam

Concen: 37.151 ng/mL

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

ClientSampleId :

CL-02-101819MS

Tot Ion:113 Resp: 43566

Ion Ratio Lower Upper

113 100

55 137.9 108.8 148.8

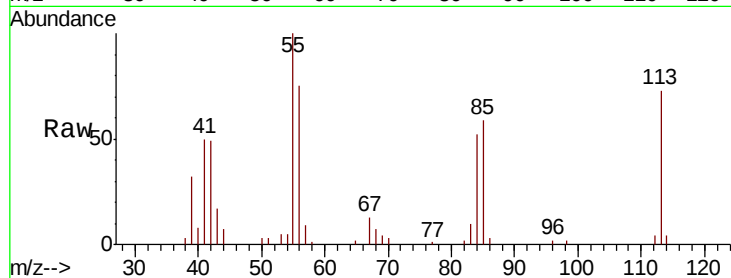
56 103.1 87.2 127.2

Manual Integrations

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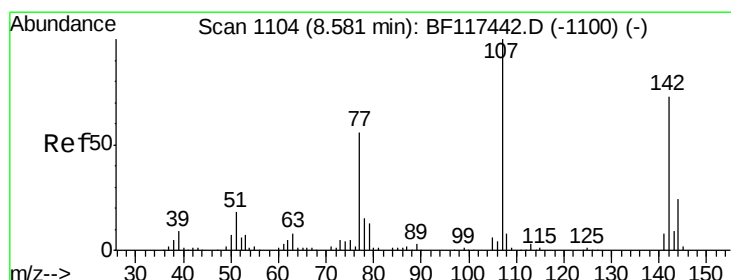
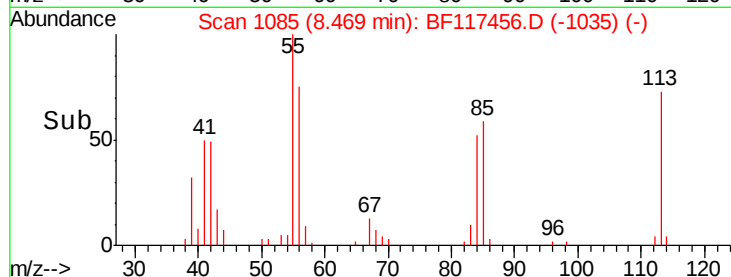
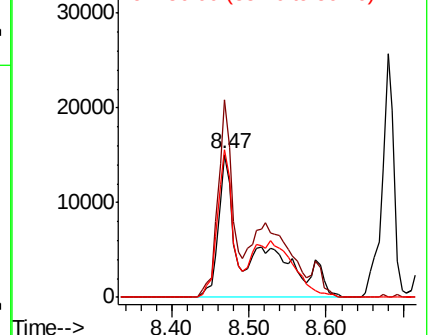
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.571 ng/mL

RT: 8.59 min Scan# 1105

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

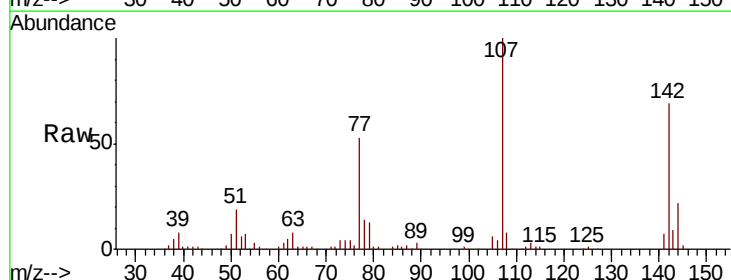
Tgt Ion:107 Resp: 139763

Ion Ratio Lower Upper

107 100

144 22.1 18.9 28.3

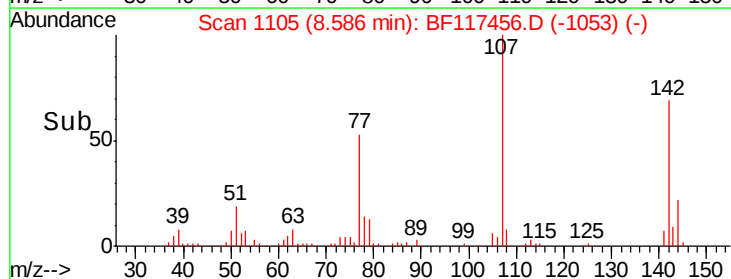
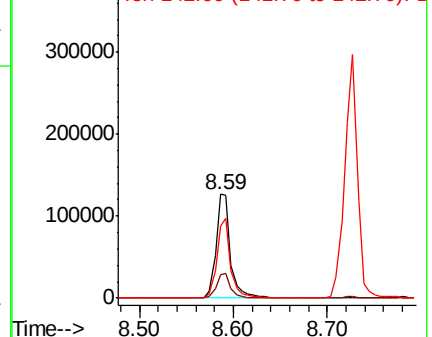
142 68.9 58.6 88.0

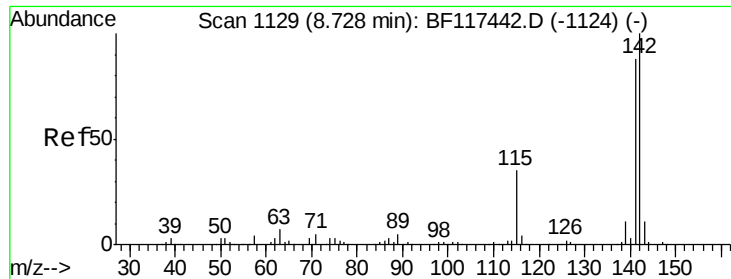


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





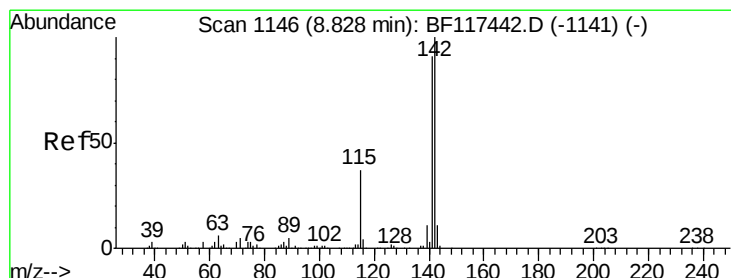
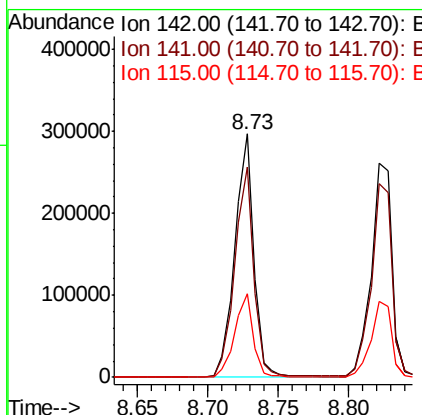
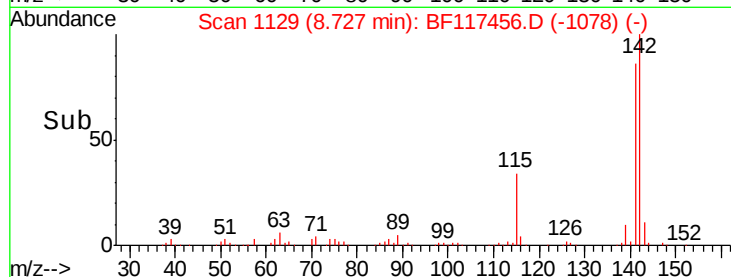
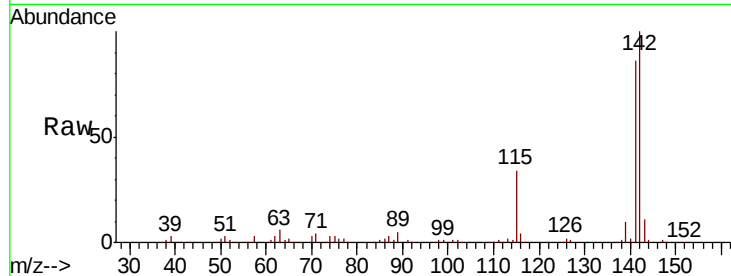
#37
2-Methylnaphthalene
Concen: 31.128 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.4	70.3	105.5
115	34.2	28.2	42.2

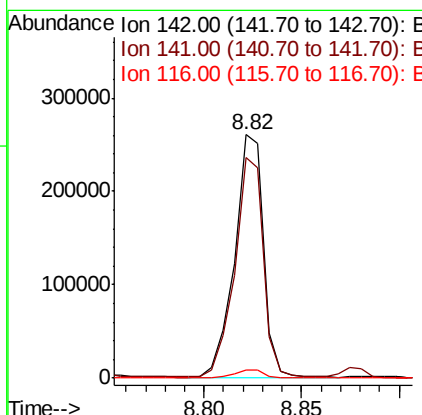
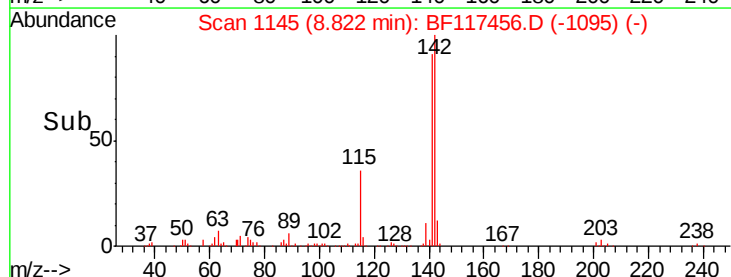
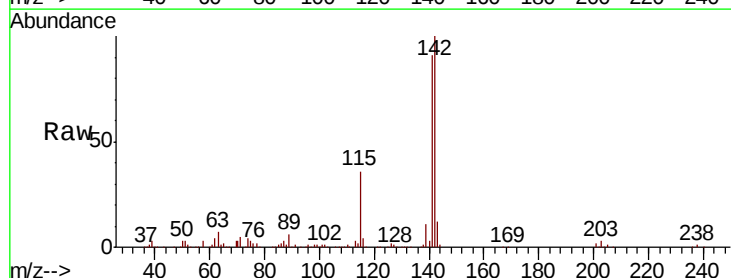
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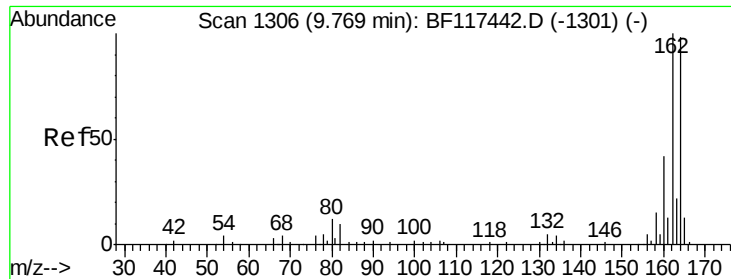
mohammad
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#38
1-Methylnaphthalene
Concen: 31.430 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.3	109.9
116	3.6	3.1	4.7





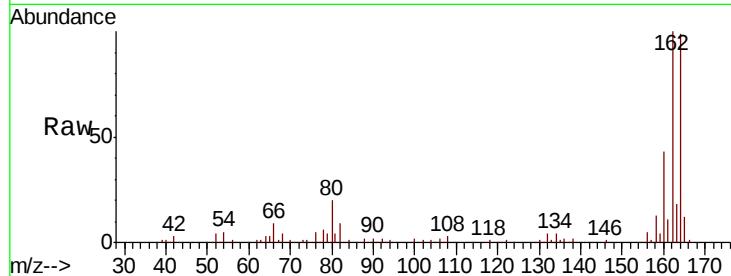
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.9	81.8	122.6	
160	43.7	34.4	51.6	

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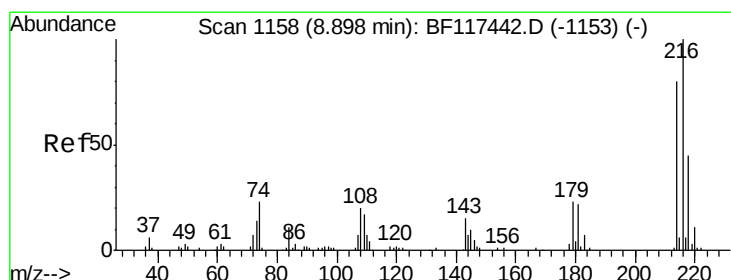
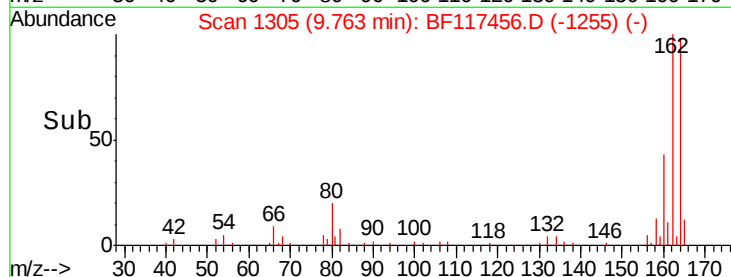
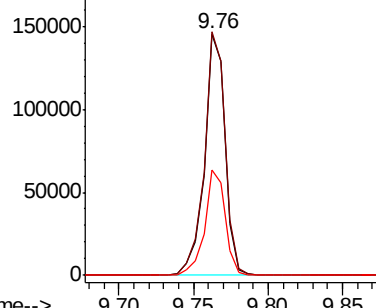


Abundance

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: 28.099 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.5	62.4	93.6	
179	23.5	18.1	27.1	
108	23.3	16.6	24.8	

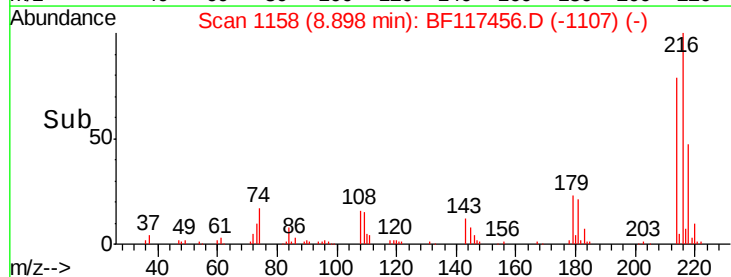
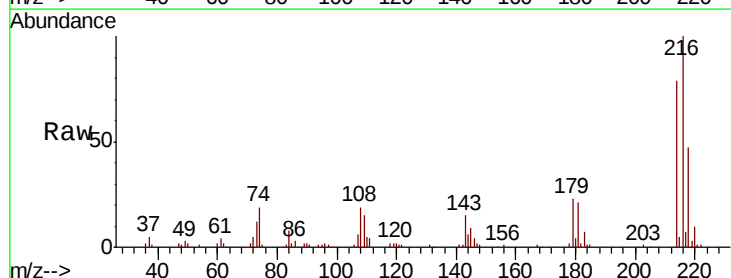
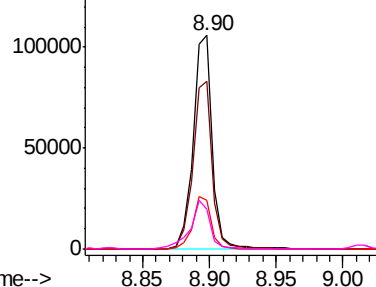
Abundance

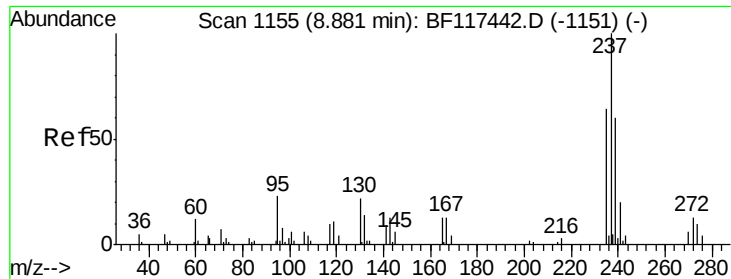
Ion 216.00 (215.70 to 216.70): E

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: 68.355 ng

RT: 8.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

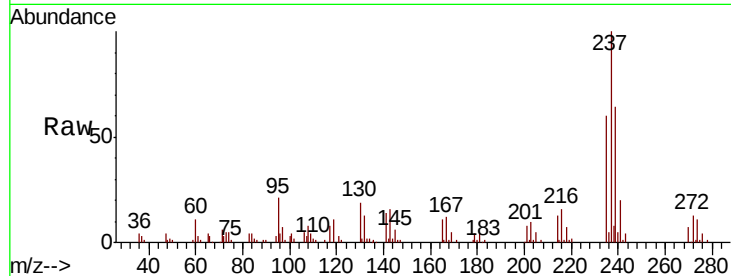
ClientSampleId :

CL-02-101819MS

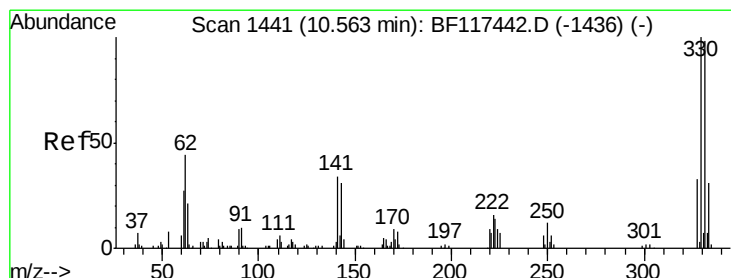
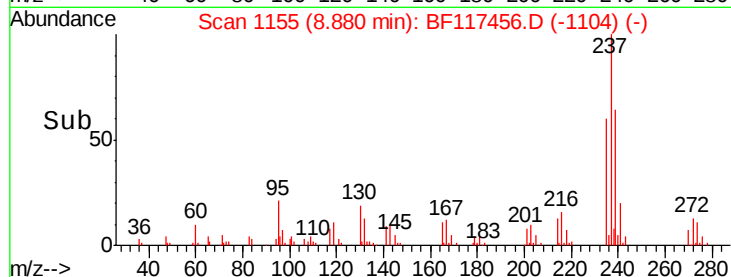
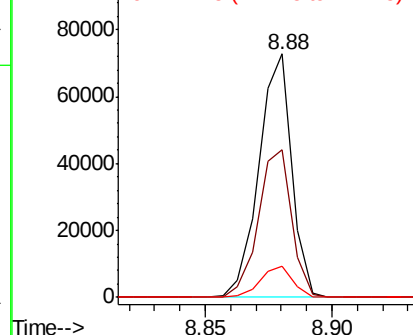
Tot Ion:	237	Resp:	65595
Ion Ratio	Lower	Upper	
237	100		
235	60.4	44.3	84.3
272	12.6	0.0	33.2

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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: 86.999 ng

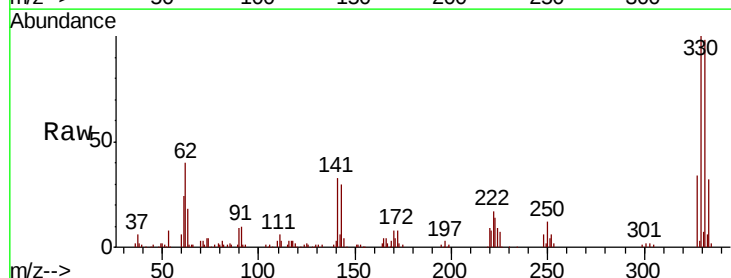
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

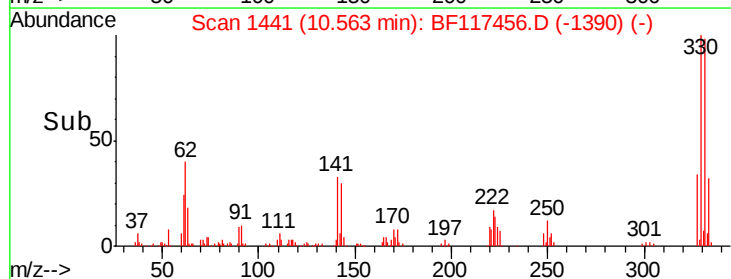
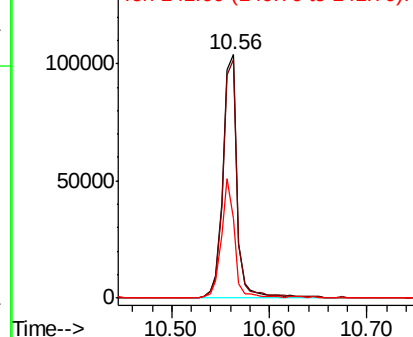
Lab File: BF117456.D

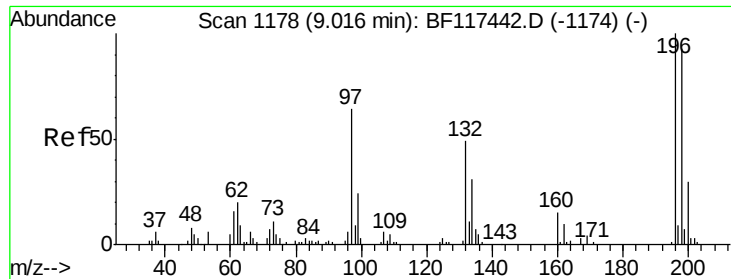
Acq: 21 Oct 2019 19:21

Tgt Ion:	330	Resp:	106437
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.5	117.7
141	44.9	37.0	55.6



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





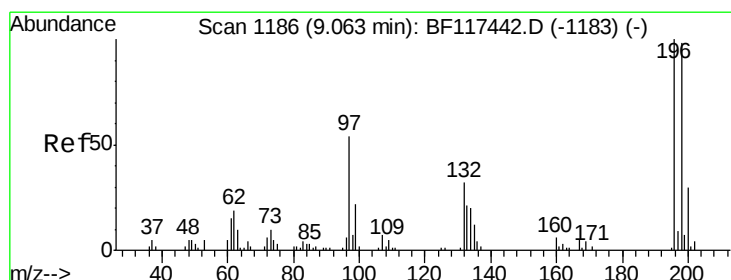
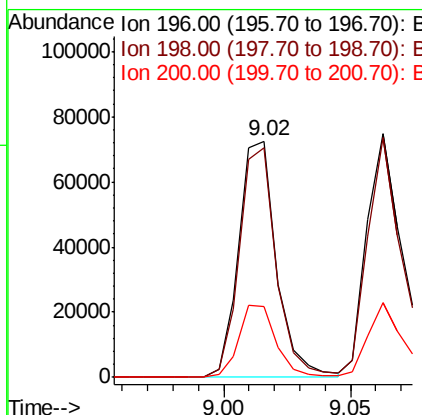
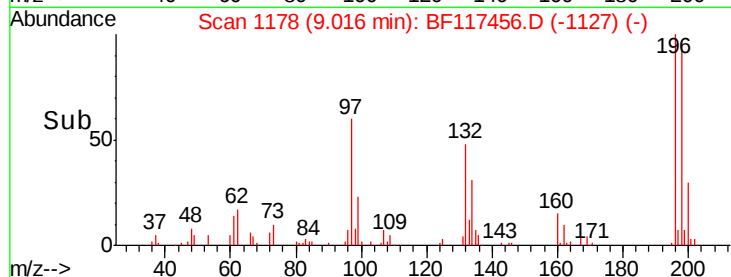
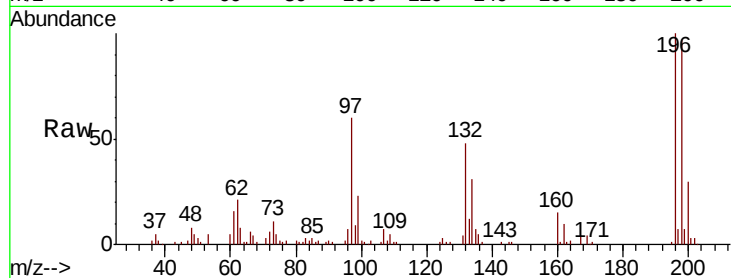
#43
 2,4,6-Trichlorophenol
 Concen: 31.461 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion:	196	Resp:	75029
Ion Ratio	Lower	Upper	
196	100		
198	97.3	74.1	111.1
200	29.7	23.9	35.9

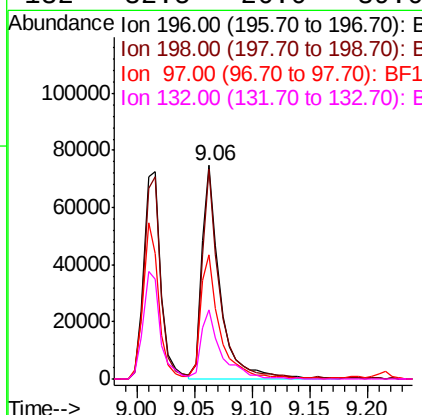
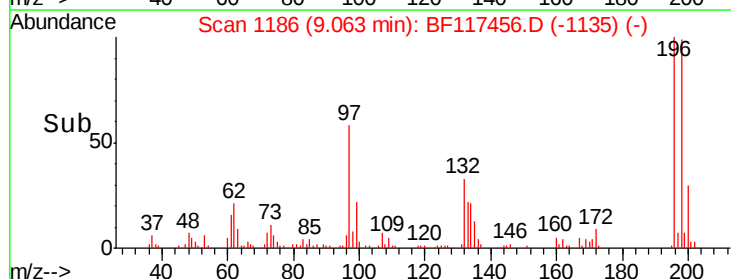
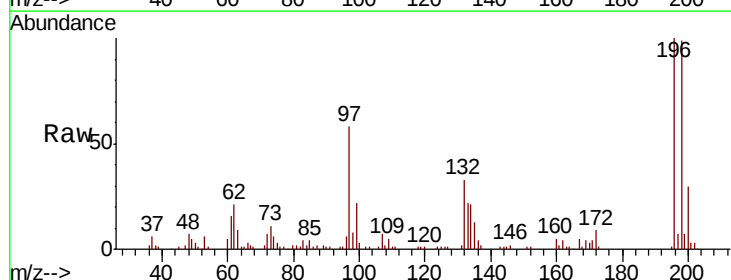
Manual Integrations
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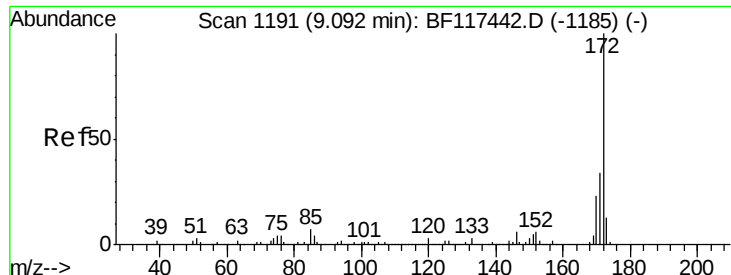
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 34.476 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:	196	Resp:	83316
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.6	117.8
97	58.1	43.4	65.2
132	32.5	26.0	39.0





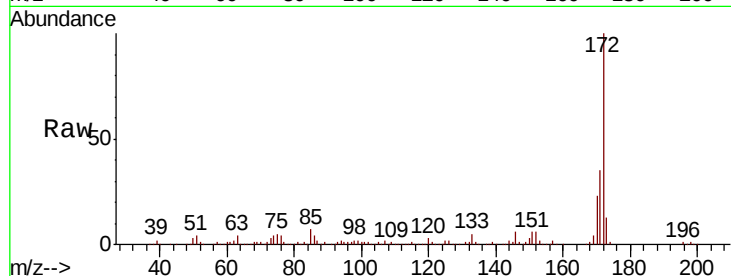
#45
2-Fluorobiphenyl
Concen: 54.496 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.5	41.3
170	22.9	18.6	27.8

Manual Integrations
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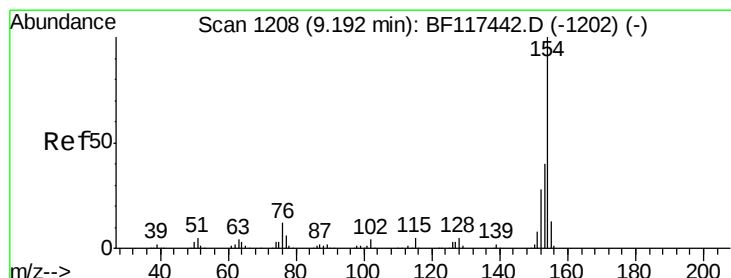
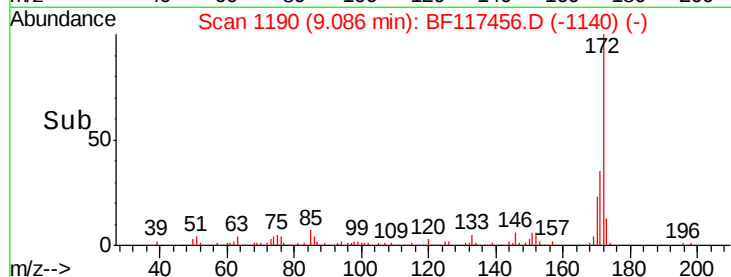
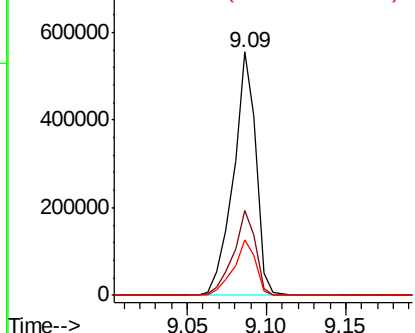


Abundance

Ion 172.00 (171.70 to 172.70): E

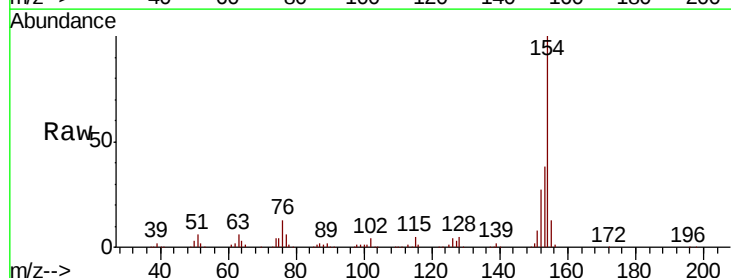
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 28.662 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	37.8	20.2	60.2
76	12.8	0.0	32.1

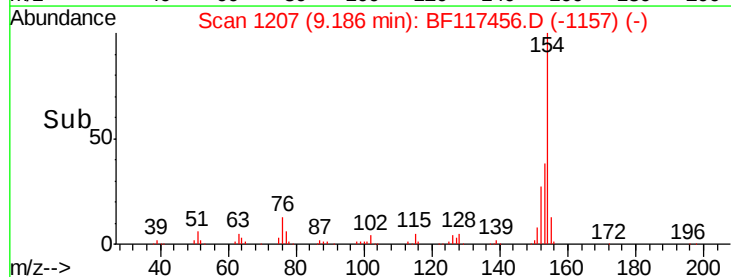
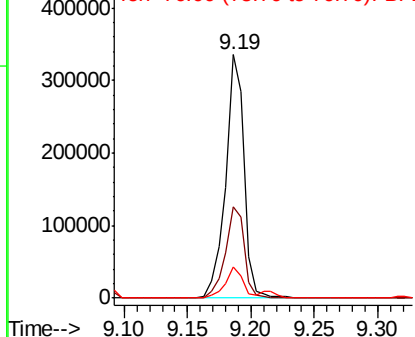


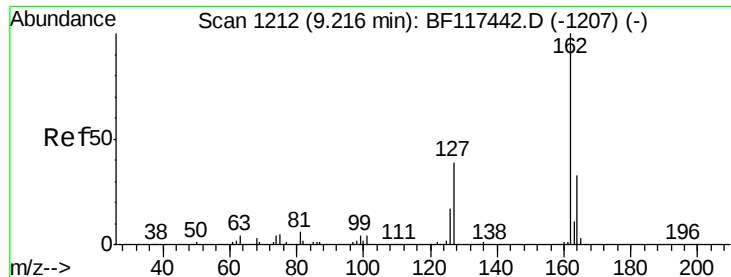
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





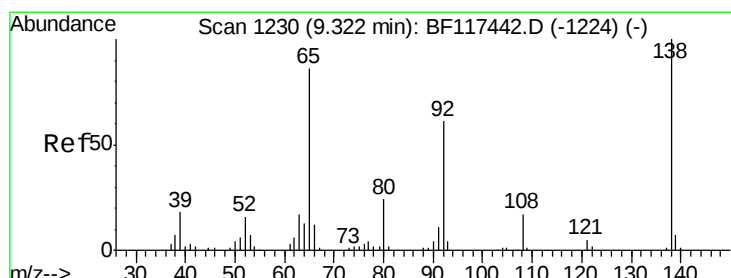
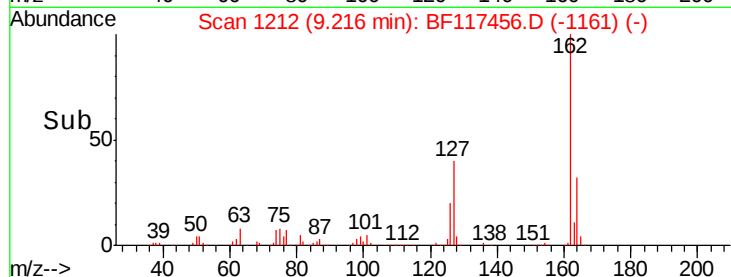
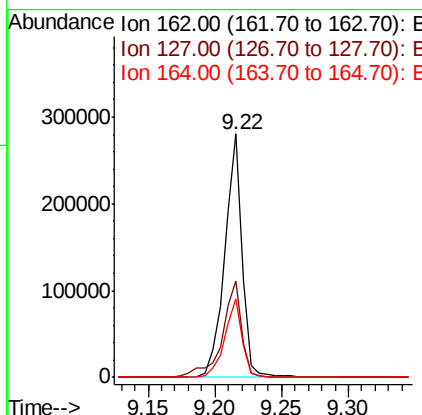
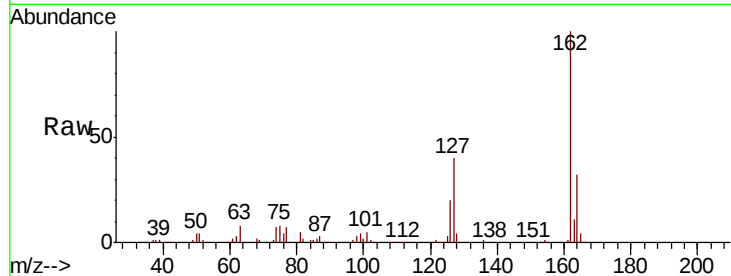
#47
 2-Chloronaphthalene
 Concen: 29.199 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion:	162	Resp:	257701
Ion Ratio	Lower	Upper	
162	100		
127	39.6	34.2	51.4
164	32.2	26.4	39.6

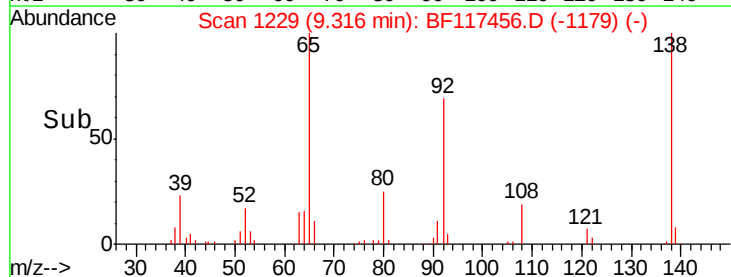
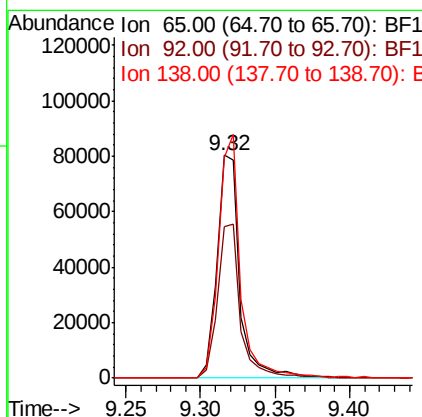
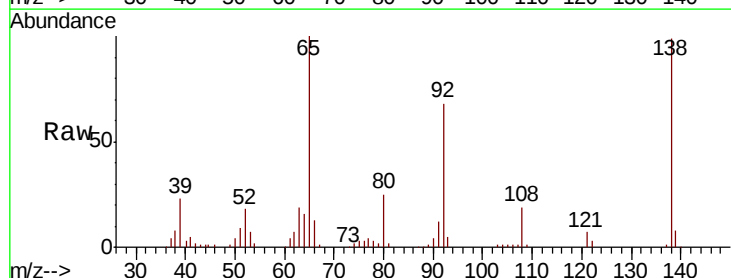
Manual Integrations
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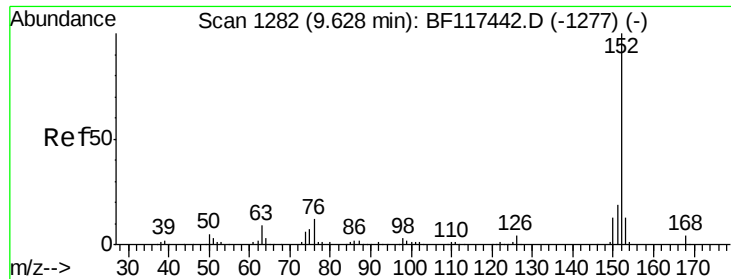
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#48
 2-Nitroaniline
 Concen: 29.699 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion:	65	Resp:	86047
Ion Ratio	Lower	Upper	
65	100		
92	68.1	57.3	85.9
138	99.2	93.3	139.9





#49

Acenaphthylene

Concen: 31.042 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

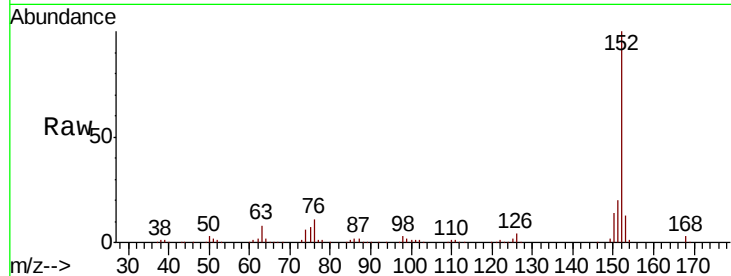
ClientSampleId :

CL-02-101819MS

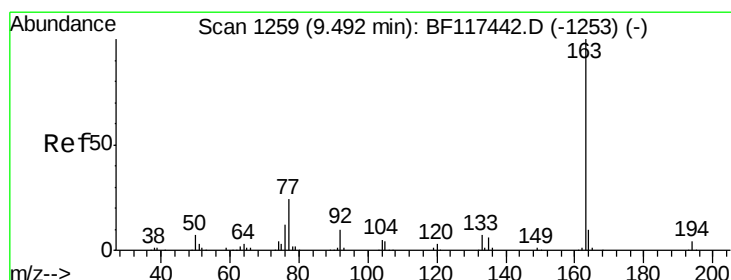
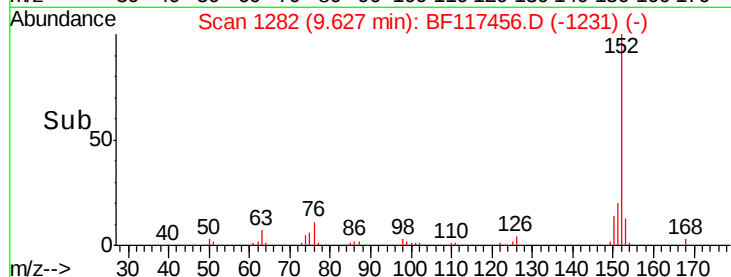
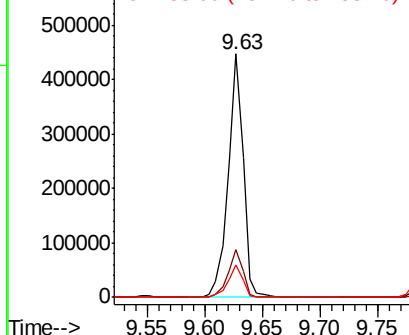
Tot Ion:	152	Resp:	402414
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.4	23.0
153	13.1	10.3	15.5

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.759 ng

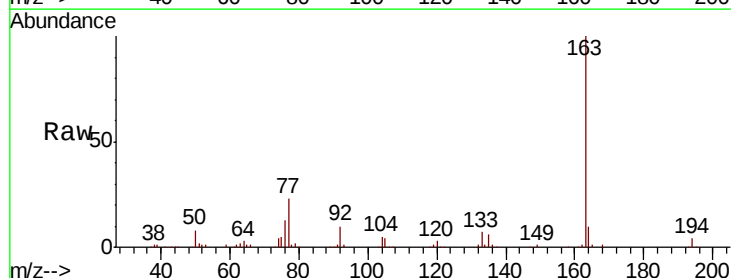
RT: 9.49 min Scan# 1259

Delta R.T. -0.00 min

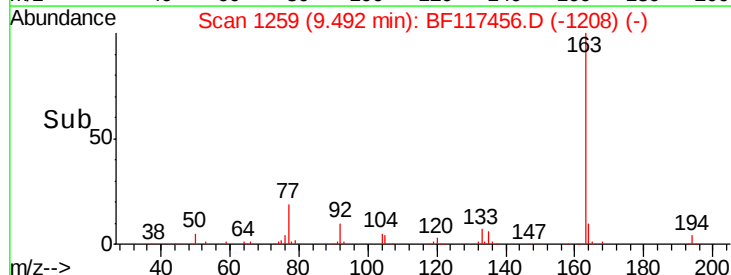
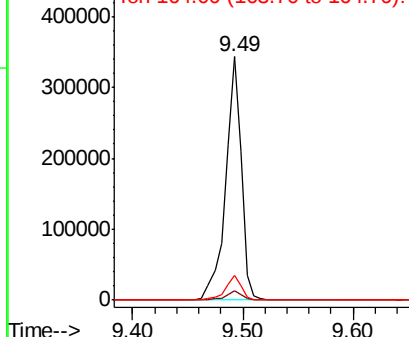
Lab File: BF117456.D

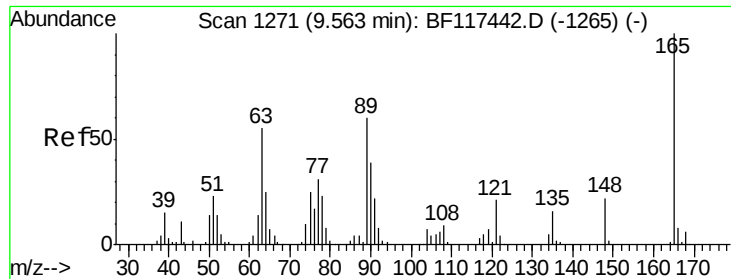
Acq: 21 Oct 2019 19:21

Tgt Ion:	163	Resp:	340288
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.0	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





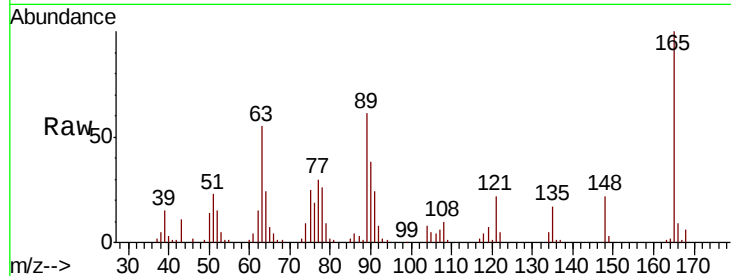
#51
2,6-Dinitrotoluene
Concen: 31.135 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	65489		
63	55.1		43.8	65.8
89	60.6		47.6	71.4

Manual Integrations
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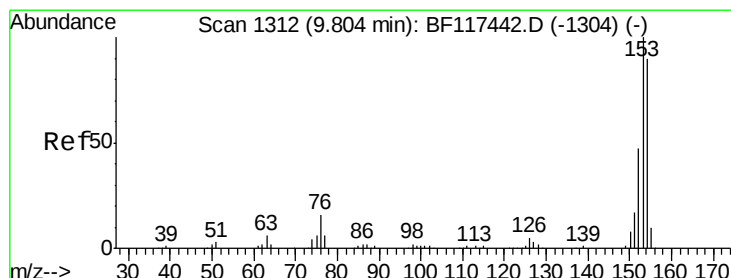
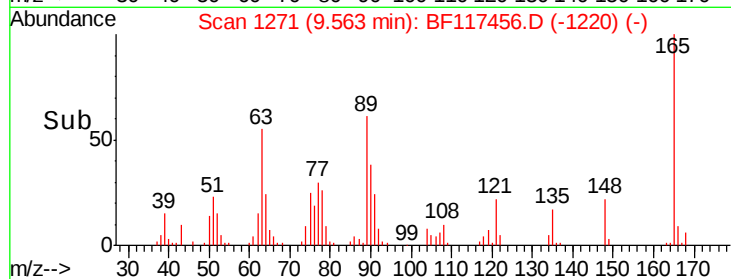
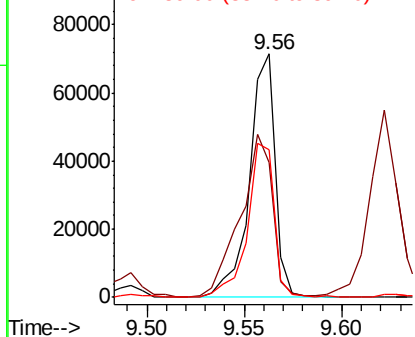


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 29.957 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

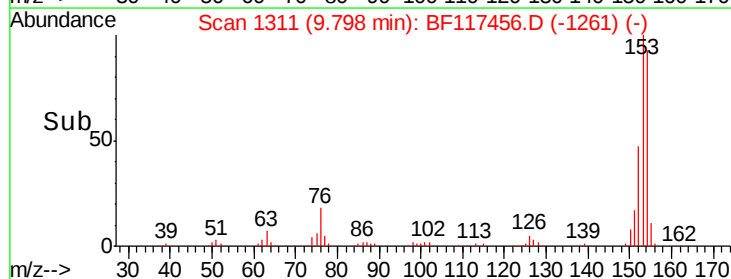
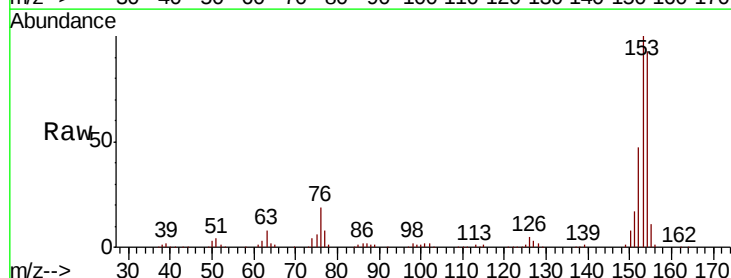
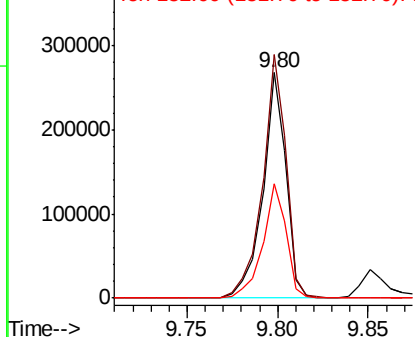
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	238260		
153	108.0		89.2	133.8
152	50.6		41.8	62.6

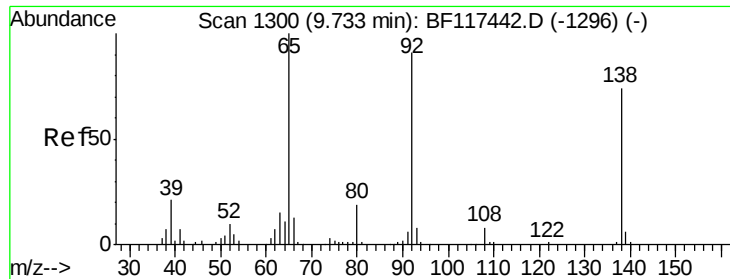
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





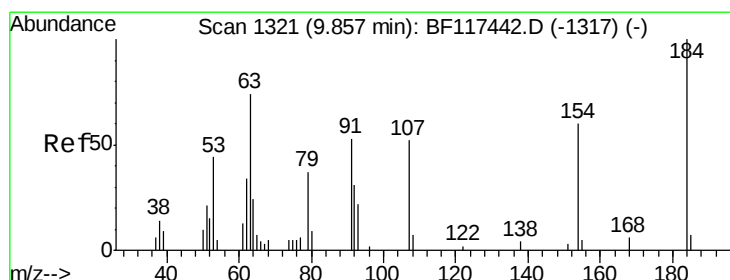
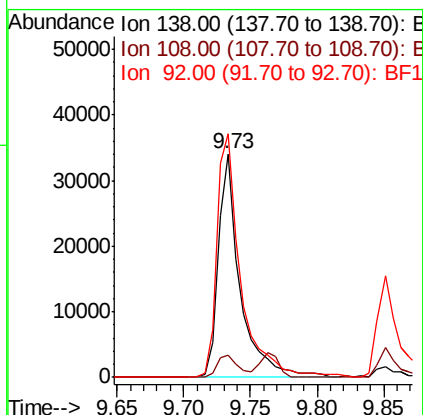
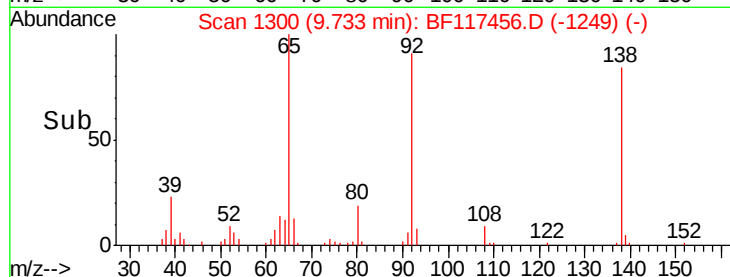
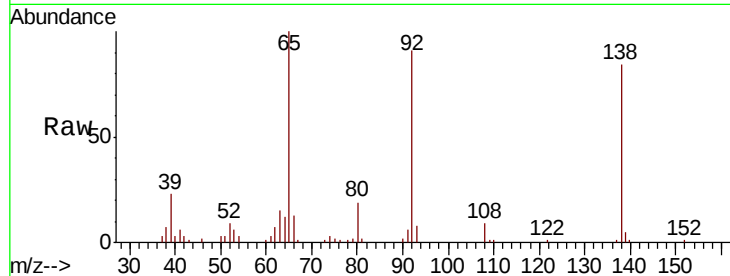
#53
3-Nitroaniline
Concen: 15.312 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	8.7	13.1
92	108.8	98.4	147.6

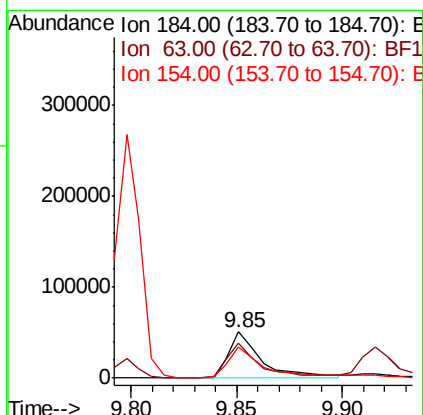
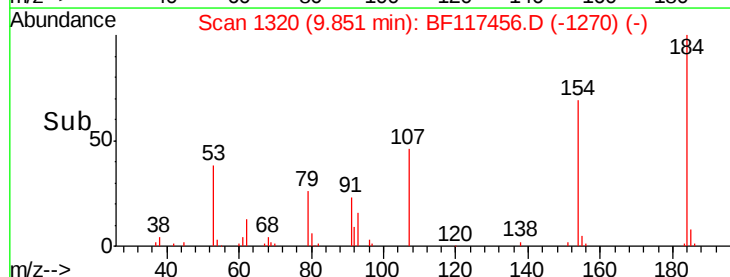
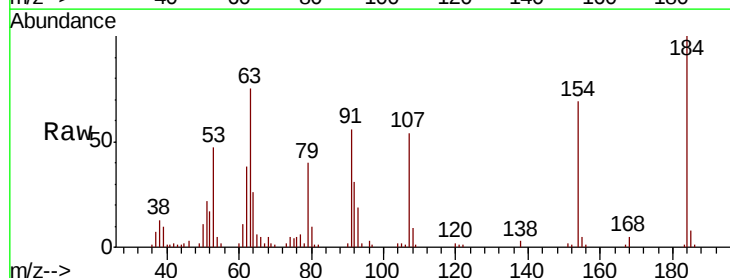
Manual Integrations
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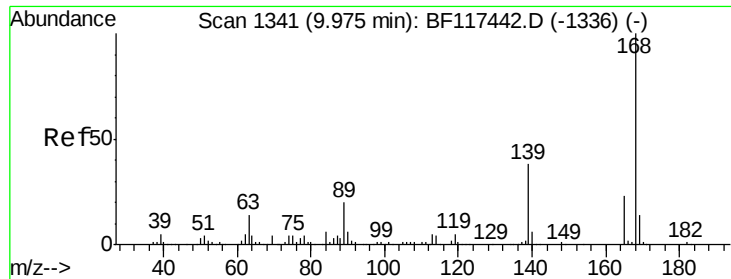
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#54
2,4-Dinitrophenol
Concen: 64.560 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	59.2	88.8
154	68.5	53.4	80.0





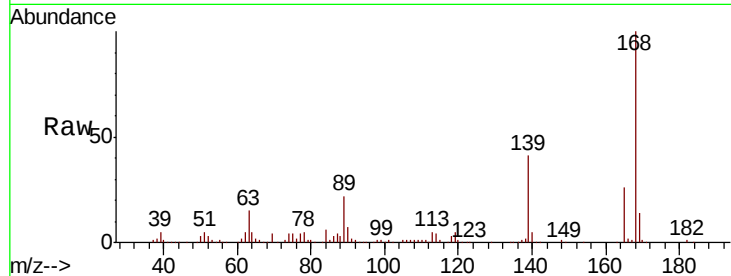
#55
Dibenzenofuran
Concen: 30.846 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.8	47.6
169	13.6	11.2	16.8

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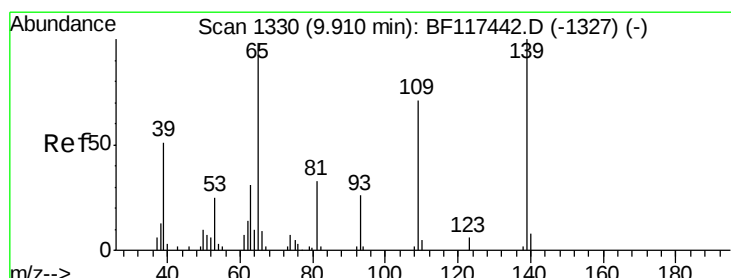
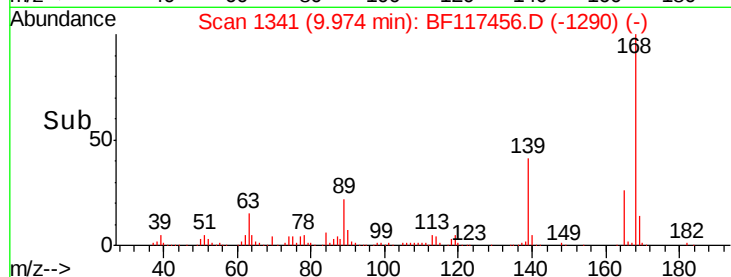
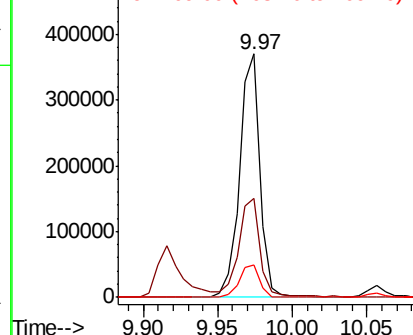


Abundance

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: 74.870 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

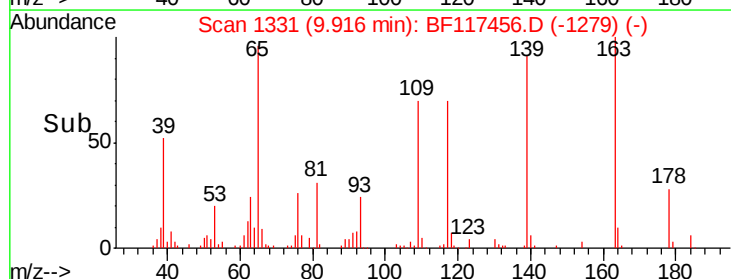
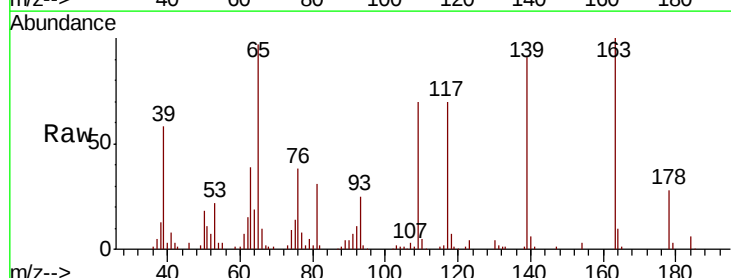
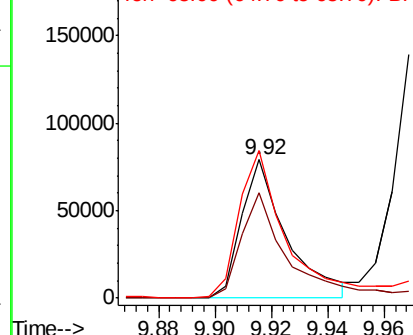
Tgt Ion	Ratio	Lower	Upper
139	100		
109	76.6	51.4	91.4
65	106.4	79.4	119.4

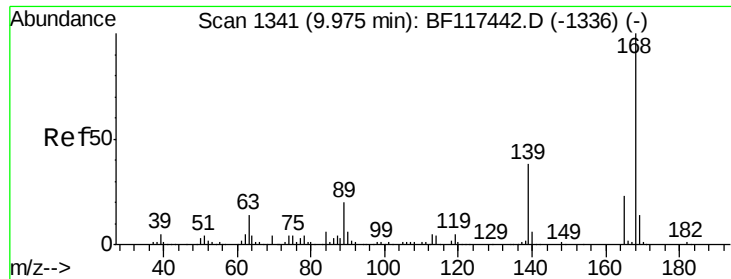
Abundance

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





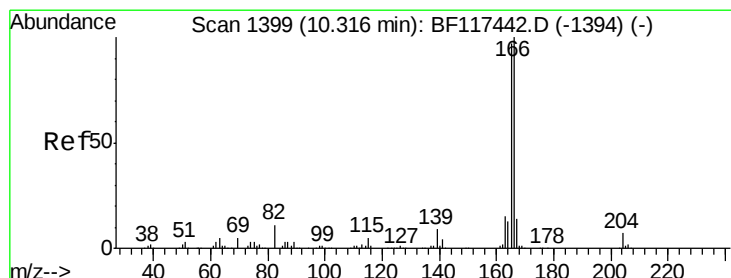
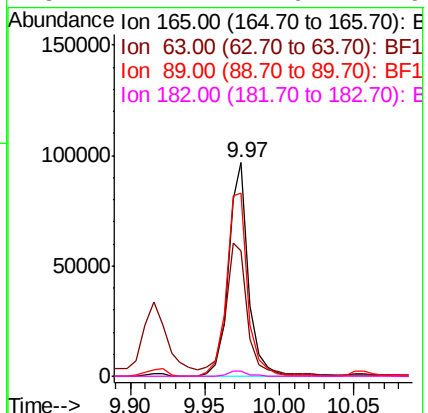
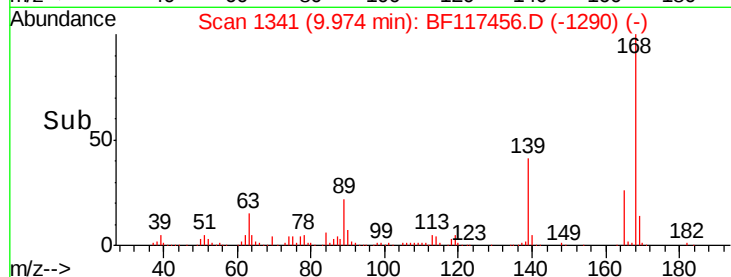
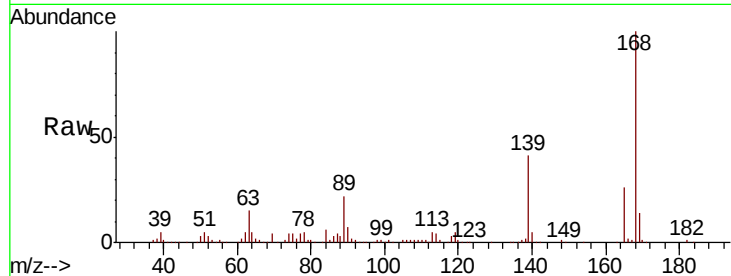
#57
2,4-Dinitrotoluene
Concen: 32.484 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.8	51.4	77.0	
89	85.9	69.9	104.9	
182	2.2	1.9	2.9	

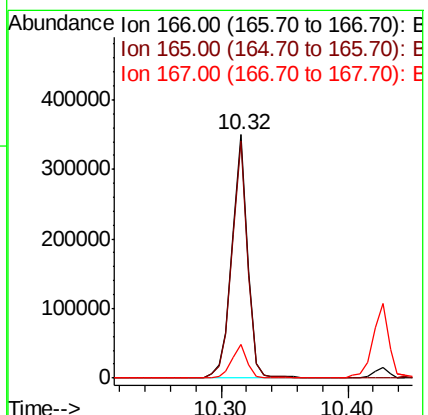
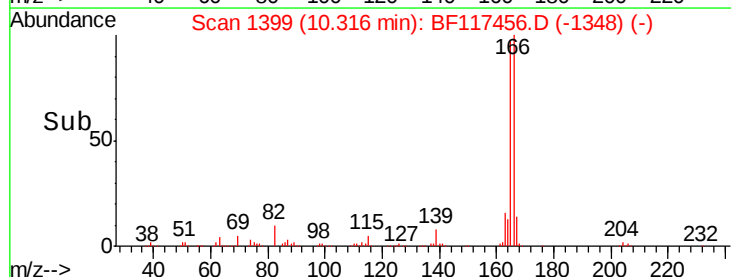
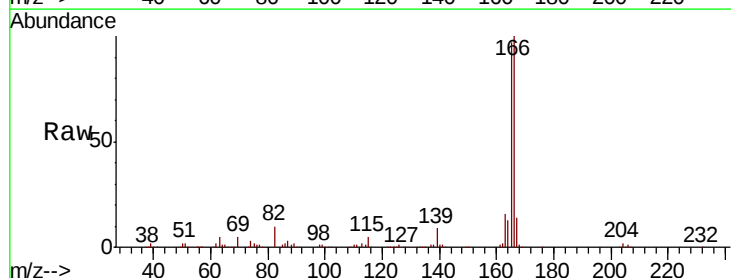
Manual Integrations
APPROVED

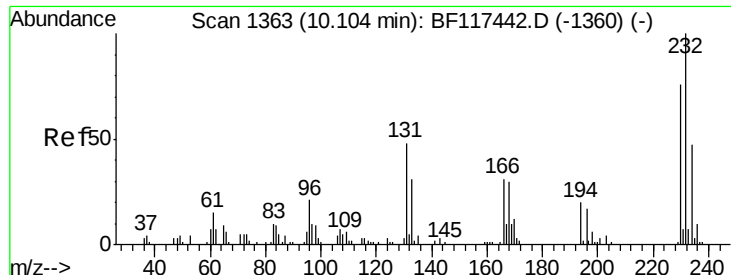
mohammad
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#58
Fluorene
Concen: 31.267 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.3	77.6	116.4	
167	13.8	11.0	16.4	





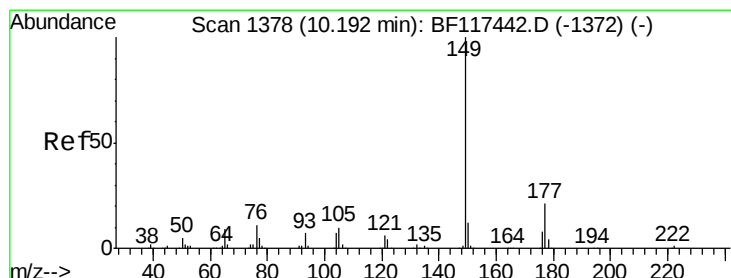
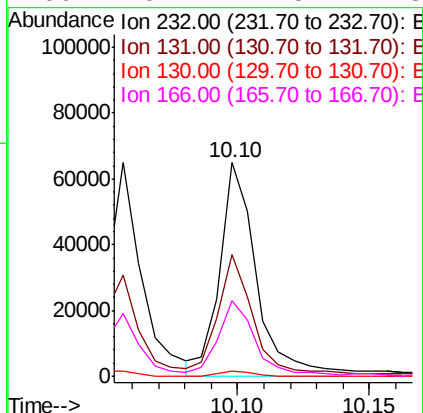
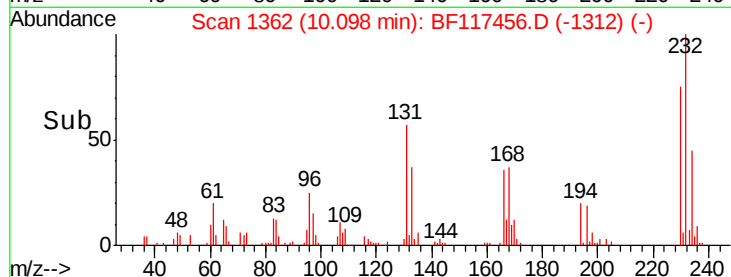
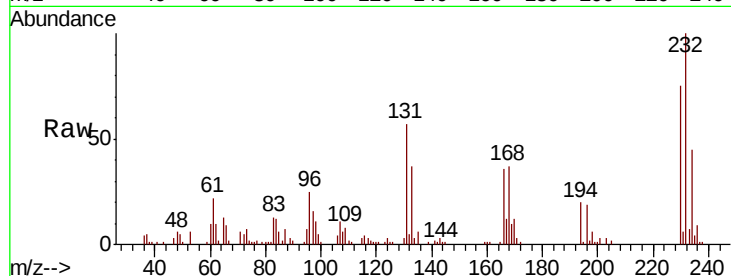
#59
2,3,4,6-Tetrachlorophenol
Concen: 33.593 ng/ml
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleID :
CL-02-101819MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		63805		
131	44.0	42.6	63.8		
130	2.1	2.2	3.4		
166	26.7	27.5	41.3		

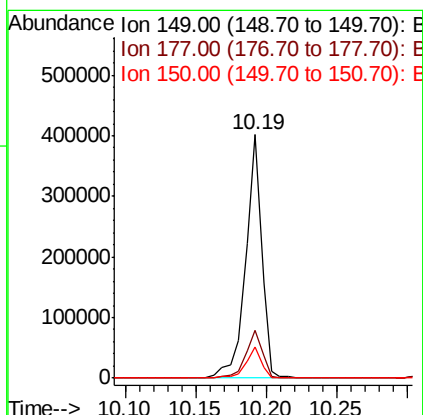
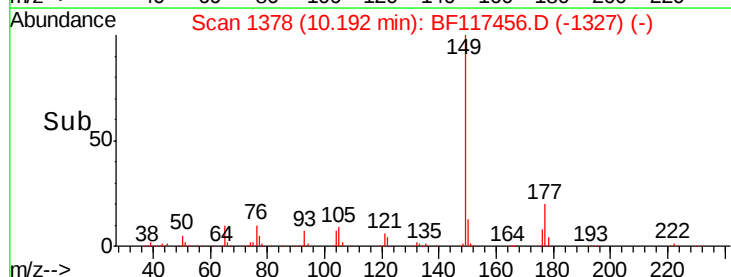
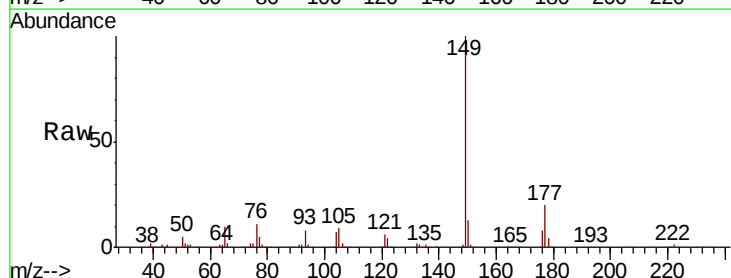
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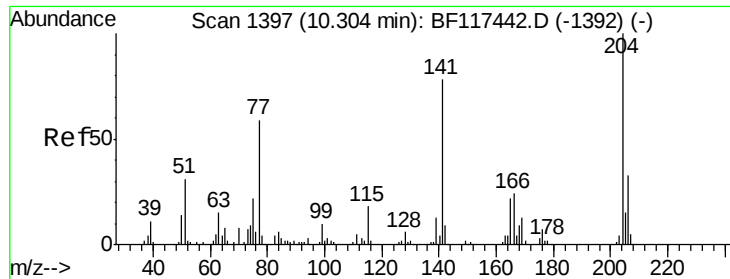
mohammad
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#60
Diethylphthalate
Concen: 31.331 ng
RT: 10.19 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		319437		
177	19.9	17.0	25.4		
150	12.7	9.8	14.6		





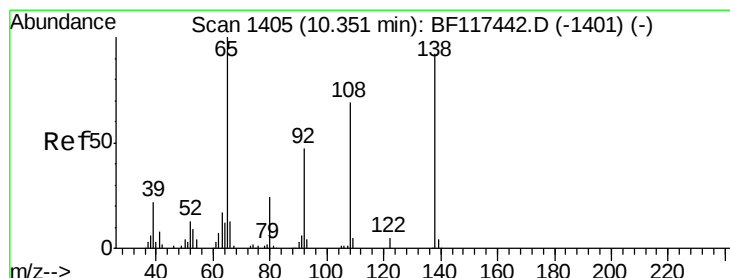
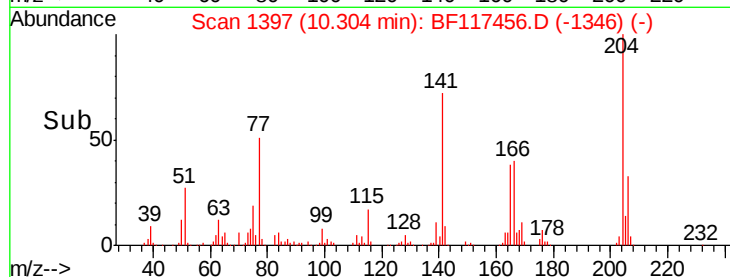
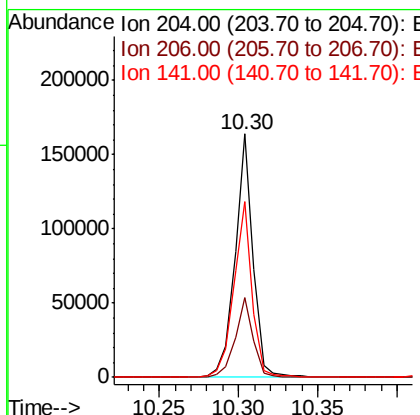
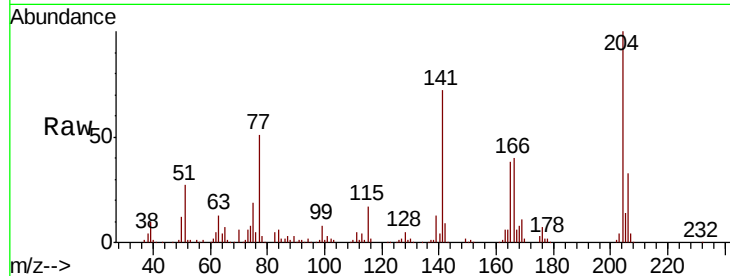
#61
4-Chlorophenyl-phenylether
Concen: 30.234 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.3	39.5
141	72.4	62.2	93.4

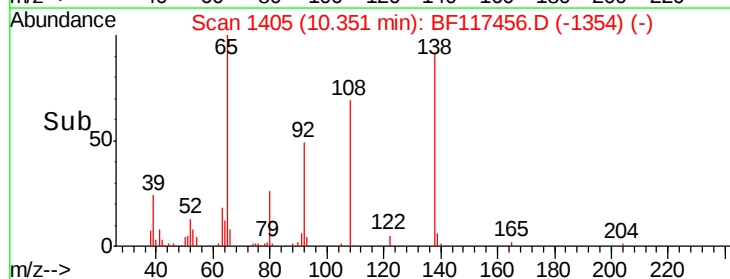
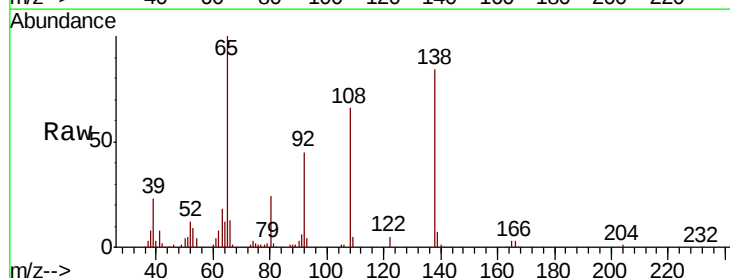
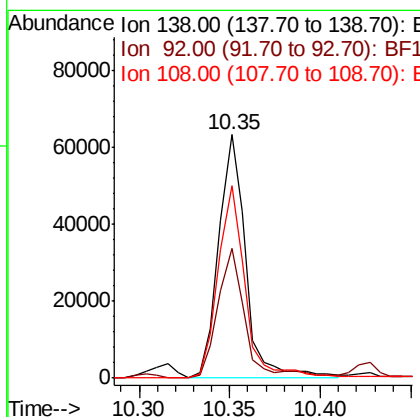
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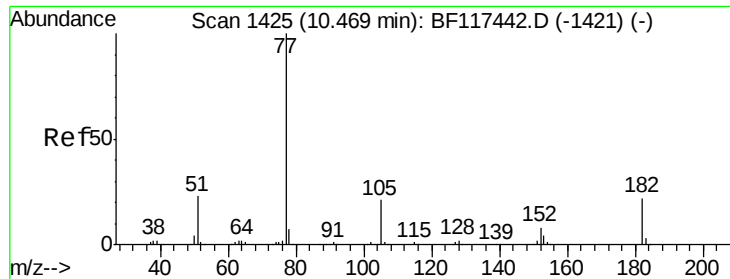
mohammad
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#62
4-Nitroaniline
Concen: 27.430 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.4	30.3	70.3
108	79.1	54.9	94.9





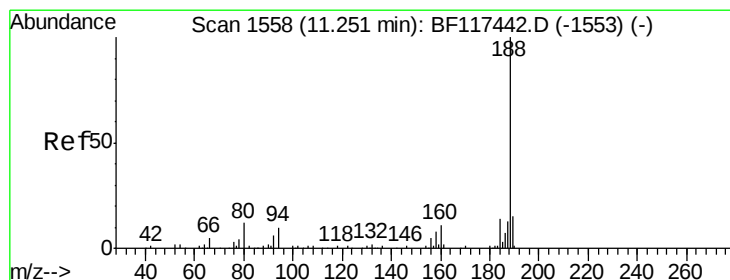
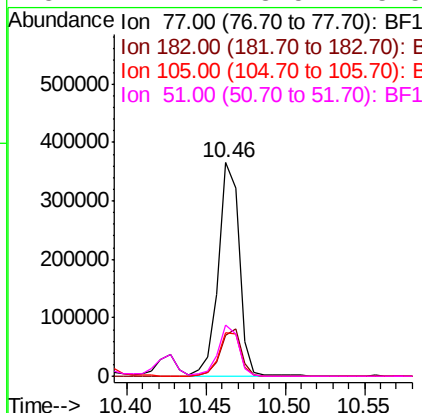
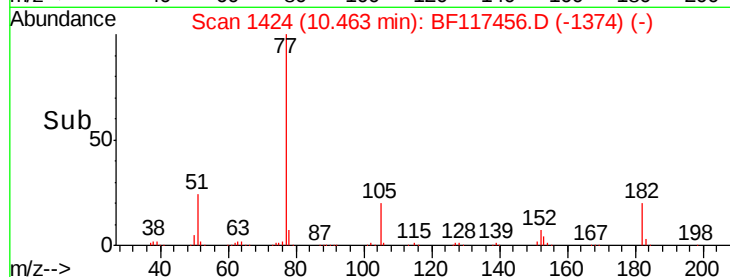
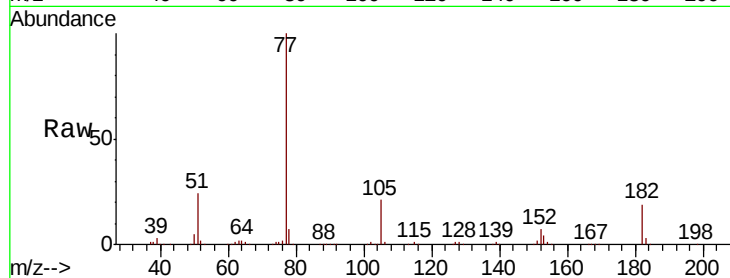
#63
Azobenzene
Concen: 31.978 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.5	2.3	42.3	
105	20.6	1.3	41.3	
51	24.1	3.5	43.5	

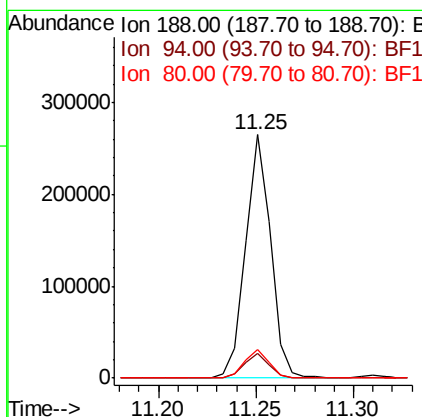
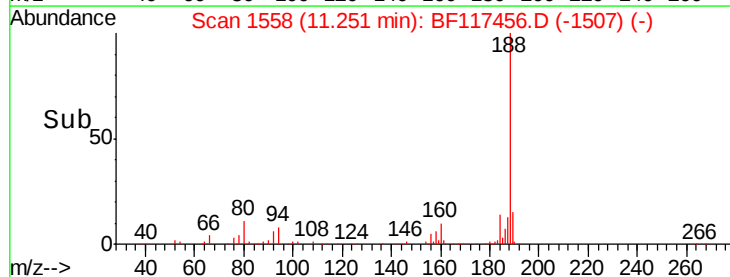
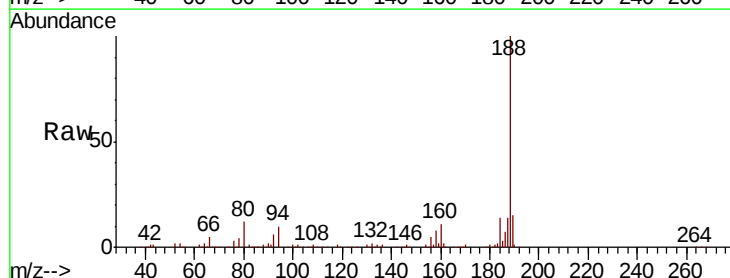
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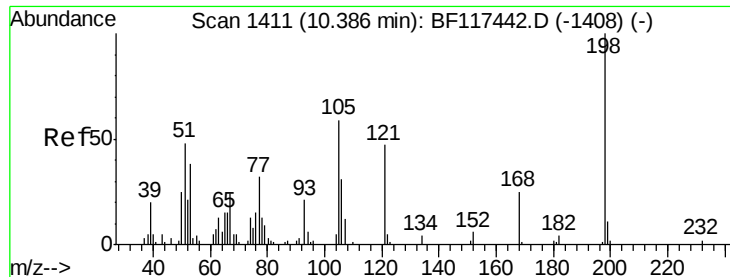
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.0	12.0	
80	11.5	9.5	14.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 34.924 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

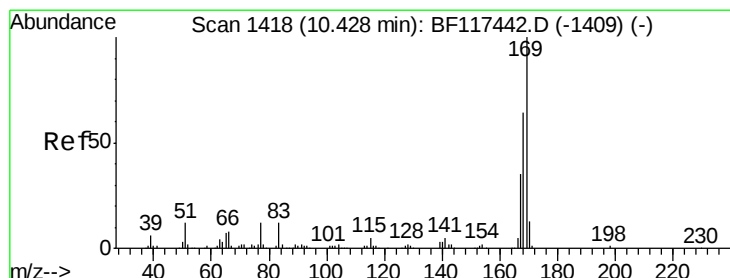
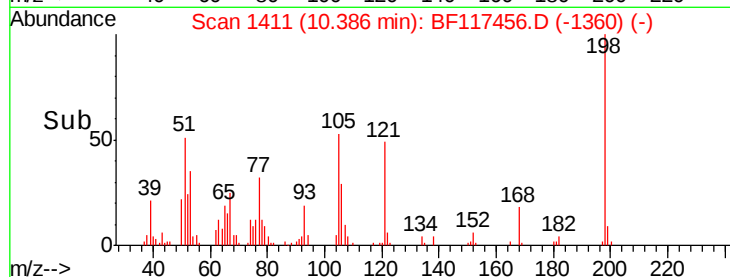
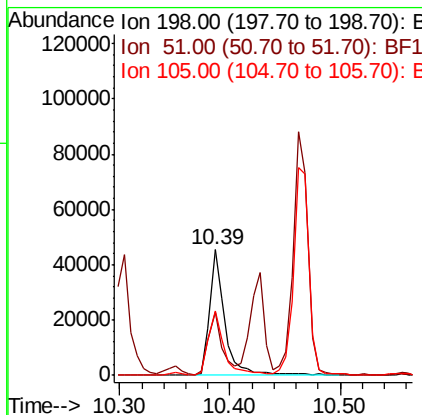
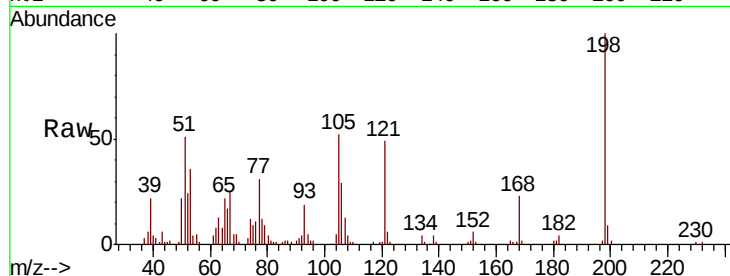
ClientSampleId :

CL-02-101819MS

Tot Ion:	198	Resp:	42045
Ion Ratio	Lower	Upper	
198	100		
51	50.8	29.1	69.1
105	51.9	39.4	79.4

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#66

n-Nitrosodiphenylamine

Concen: 30.905 ng

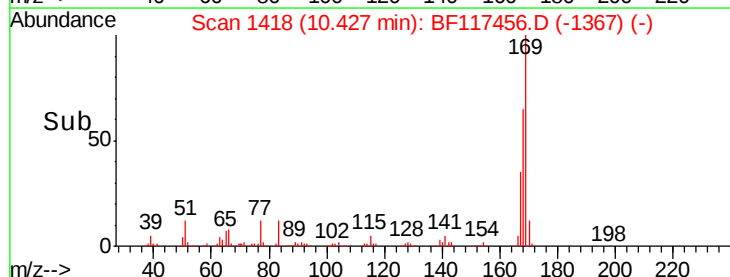
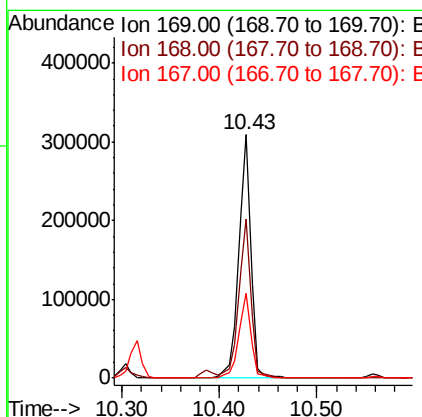
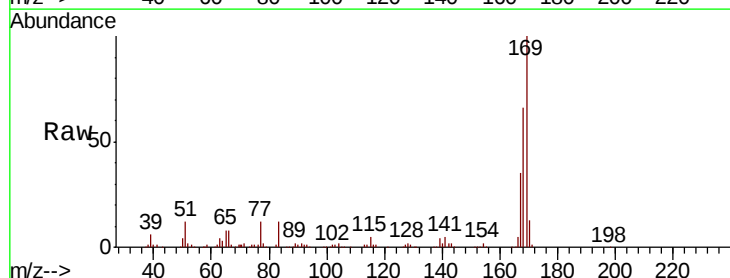
RT: 10.43 min Scan# 1418

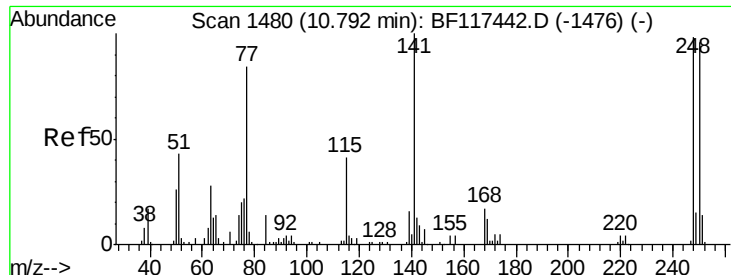
Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	169	Resp:	267532
Ion Ratio	Lower	Upper	
169	100		
168	65.6	51.3	76.9
167	34.7	28.2	42.4





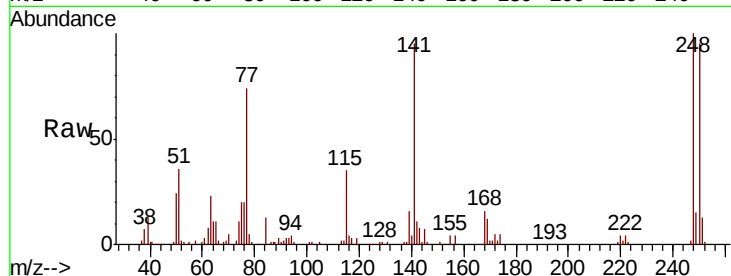
#67
4-Bromophenyl-phenylether
Concen: 29.212 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	78.0	117.0
141	95.0	81.7	122.5

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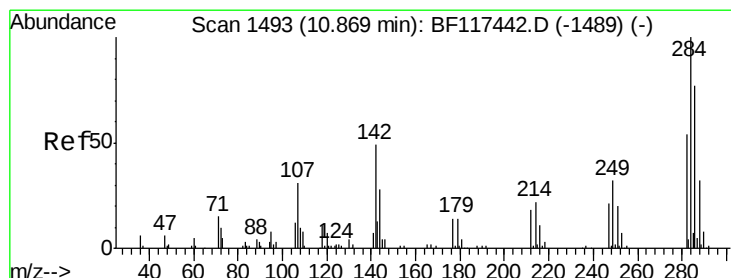
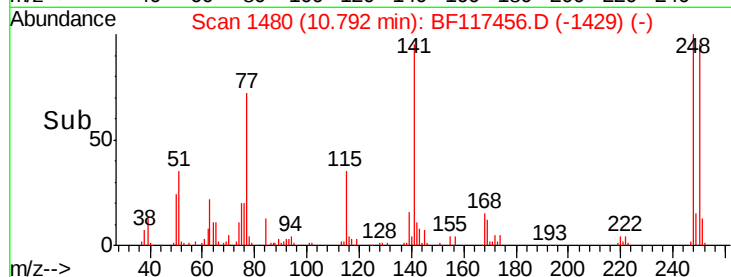
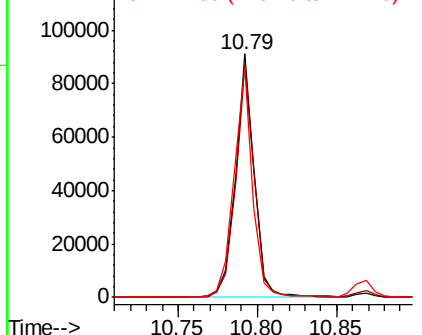


Abundance

Ion 248.00 (247.70 to 248.70): E

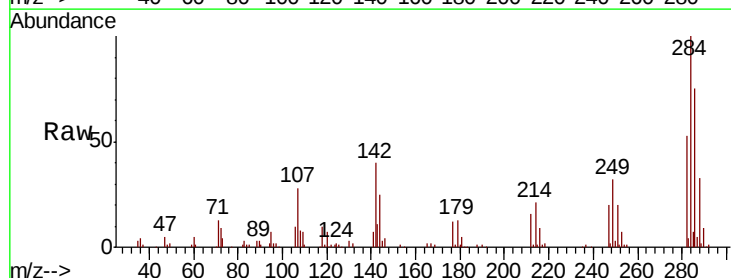
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 28.903 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.4	39.0	58.6
249	31.7	25.7	38.5

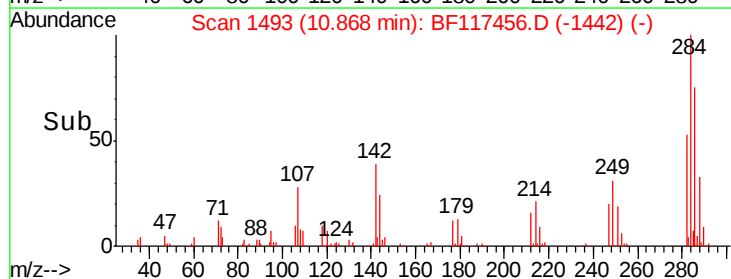
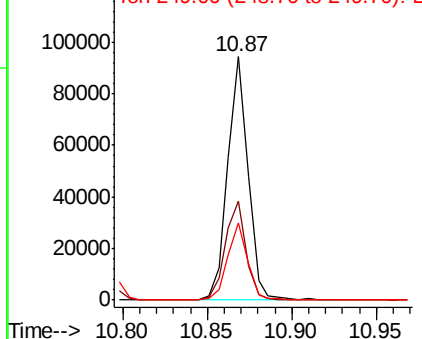


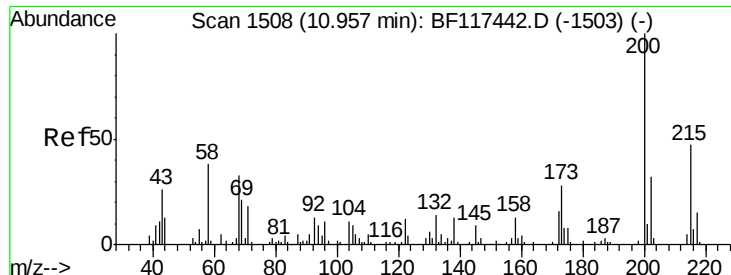
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





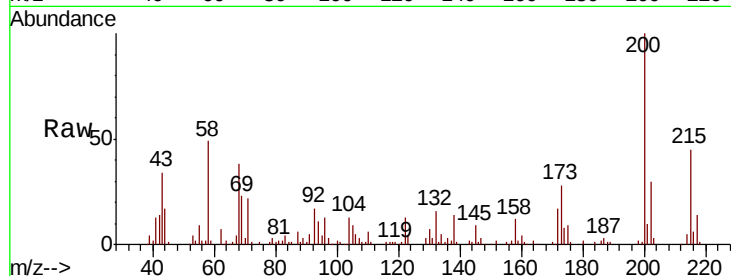
#69
 Atrazine
 Concen: 36.299 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.2	48.2
215	44.6	26.8	66.8

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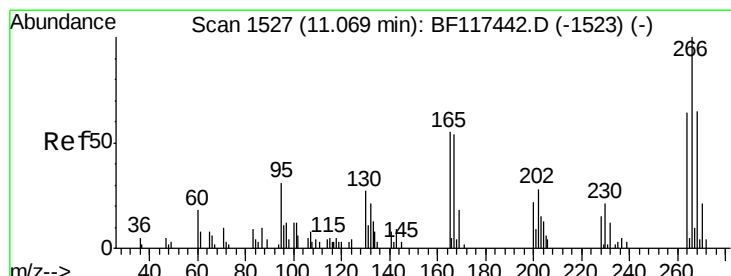
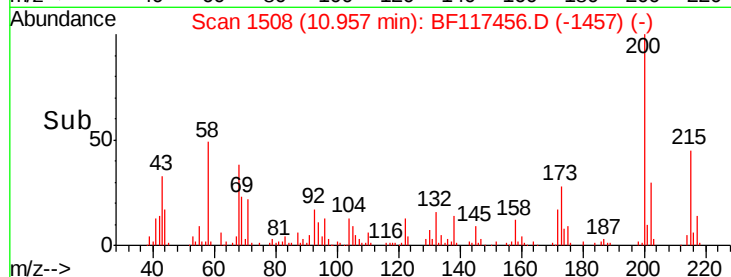
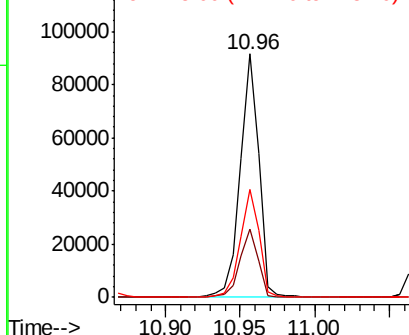


Abundance

Ion 200.00 (199.70 to 200.70): E

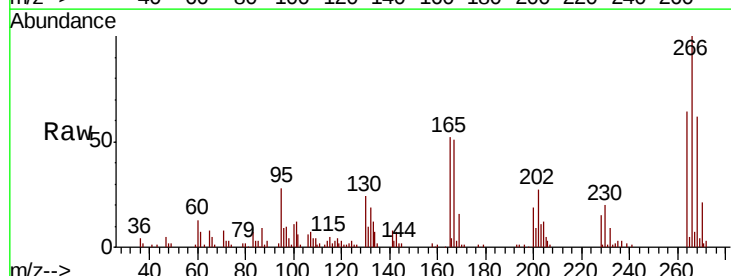
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 88.962 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.6	77.4
264	64.5	51.4	77.2

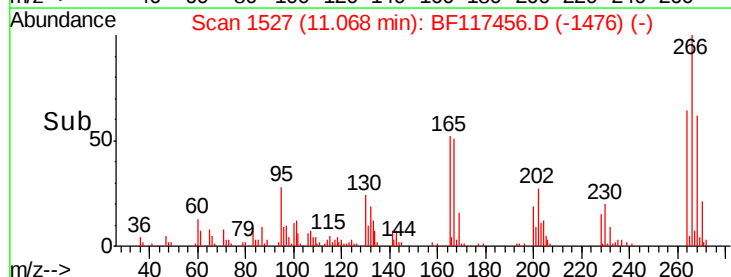
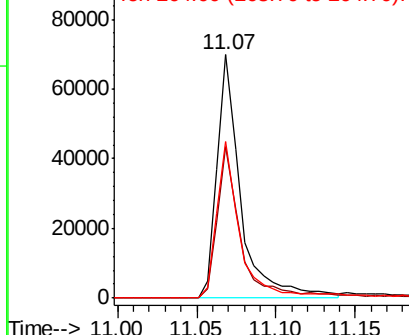


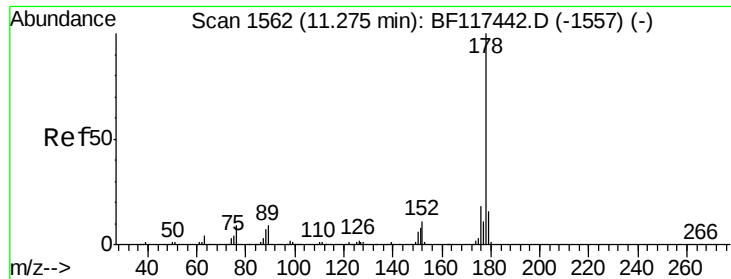
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





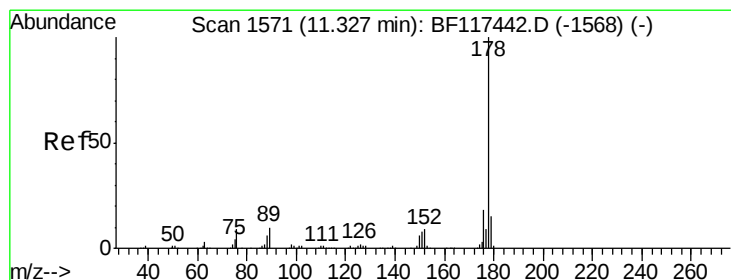
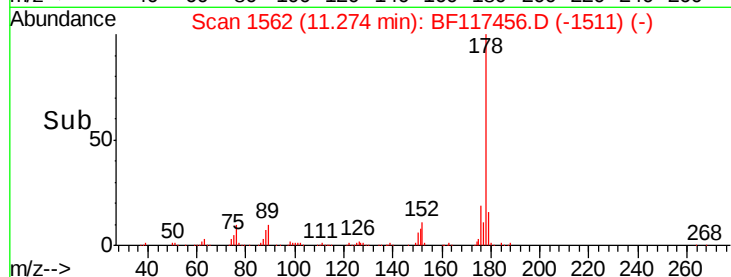
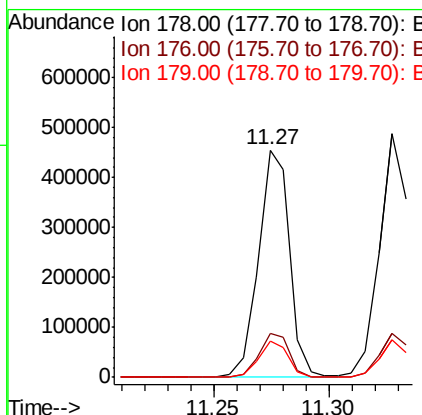
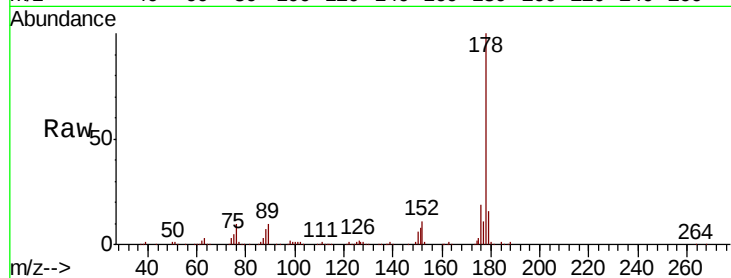
#71
Phenanthrene
Concen: 31.204 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.8	12.6	19.0

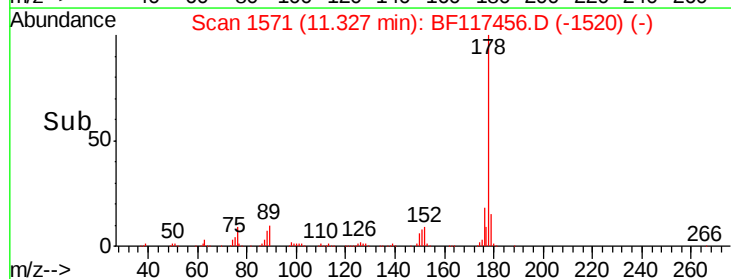
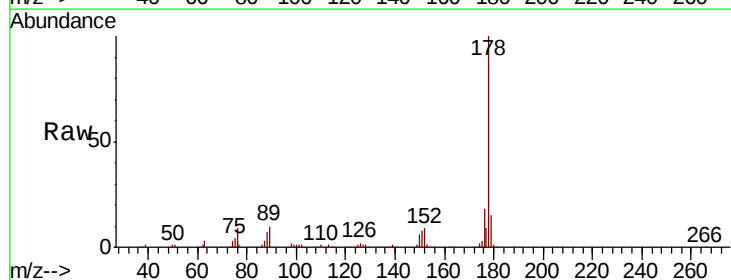
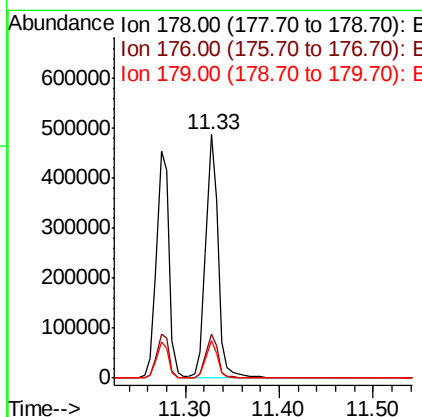
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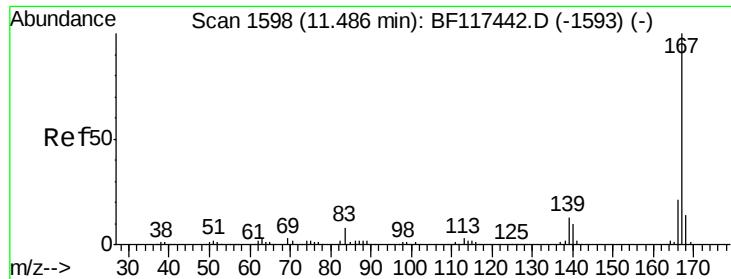
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#72
Anthracene
Concen: 32.384 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.7	22.1
179	15.5	12.2	18.2





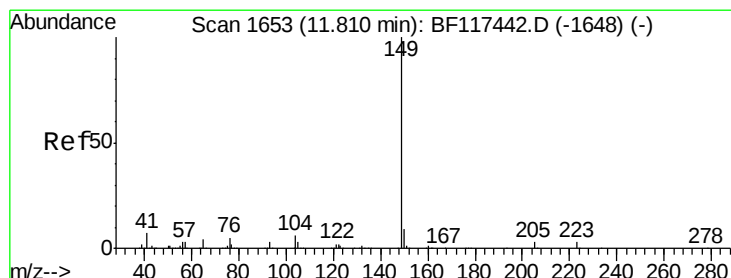
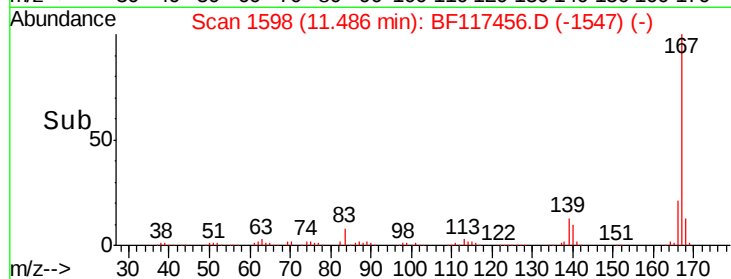
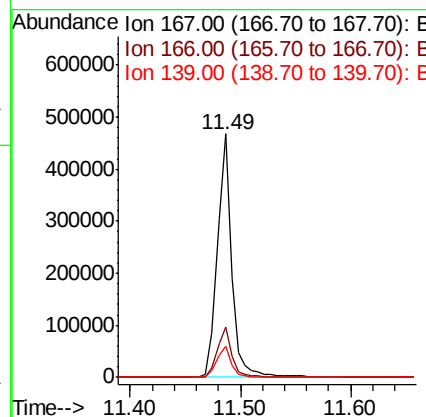
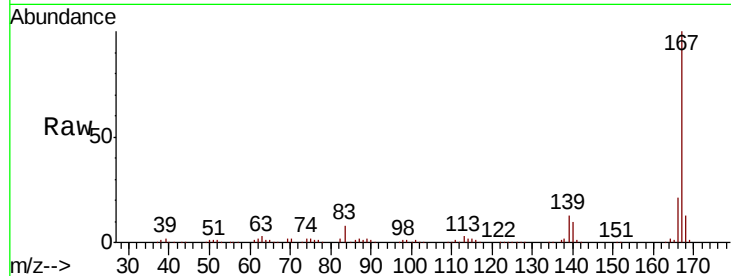
#73
 Carbazole
 Concen: 32.398 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	17.0	25.6
139	12.9	10.6	16.0

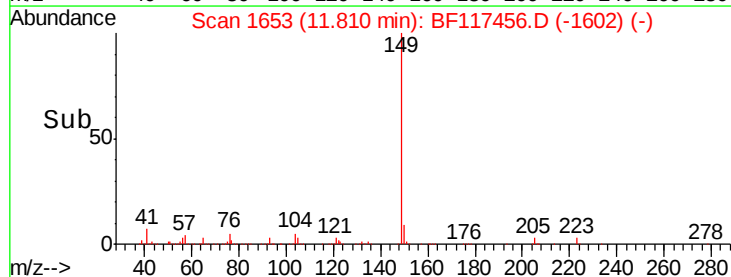
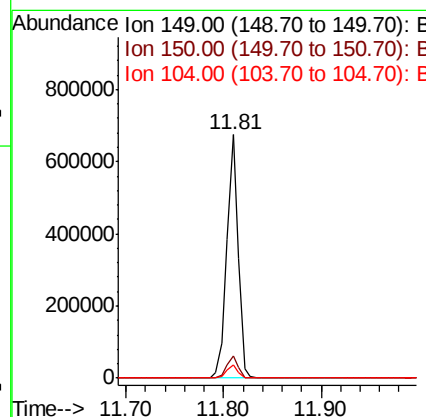
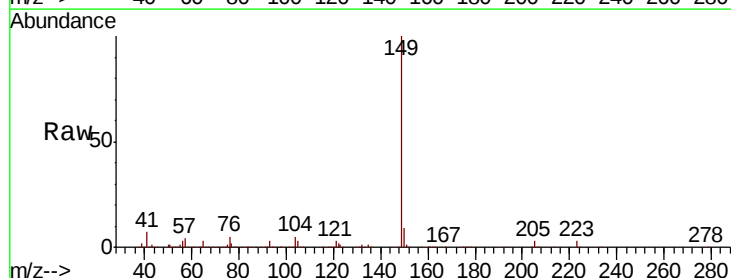
Manual Integrations
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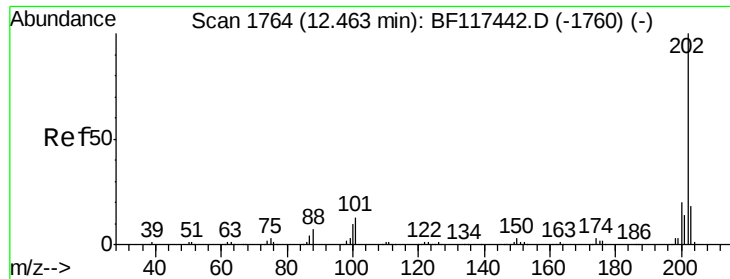
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#74
 Di-n-butylphthalate
 Concen: 31.663 ng
 RT: 11.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.5	11.3
104	5.4	4.6	6.8





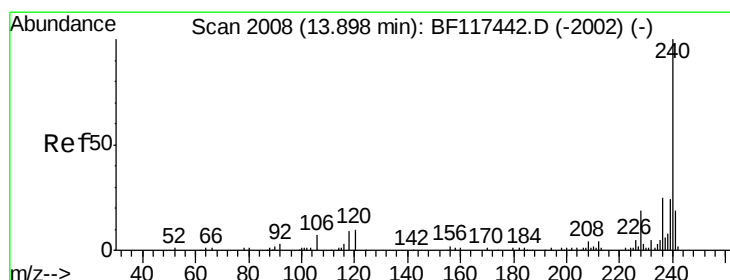
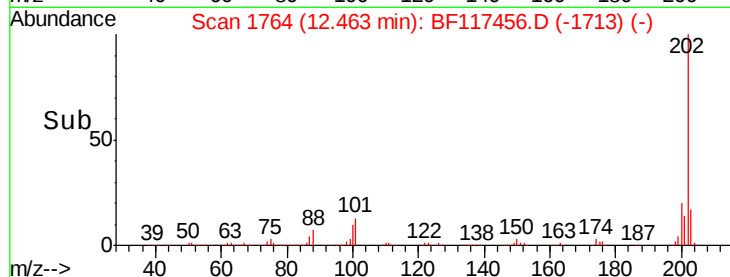
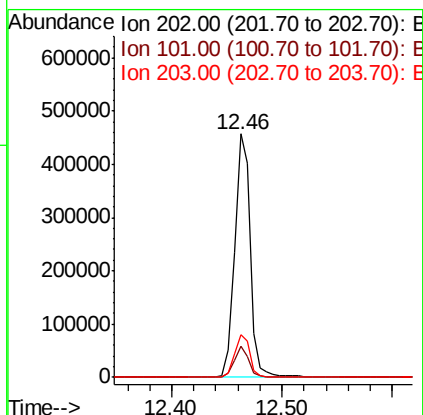
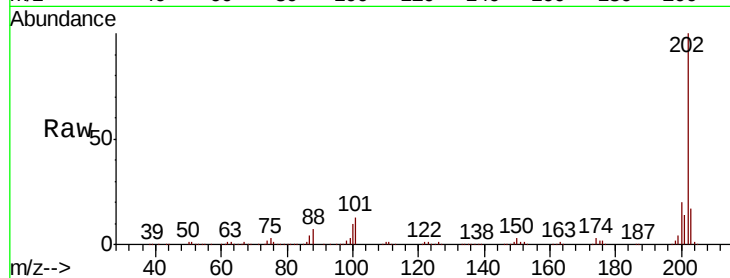
#75
 Fluoranthene
 Concen: 32.913 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	453028		
101	13.0		0.0	32.7
203	17.3		0.0	37.6

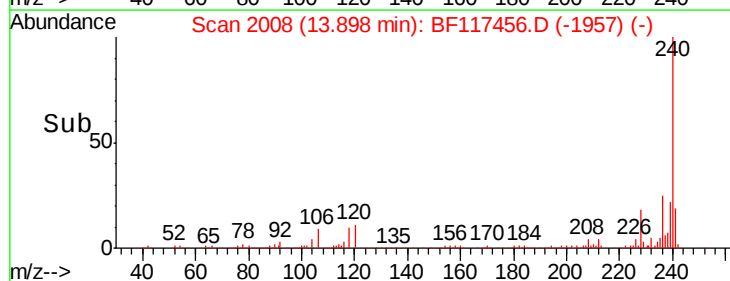
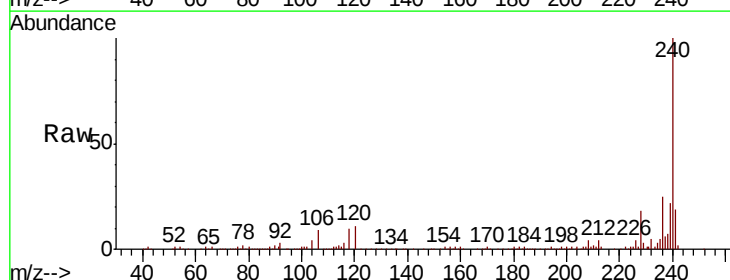
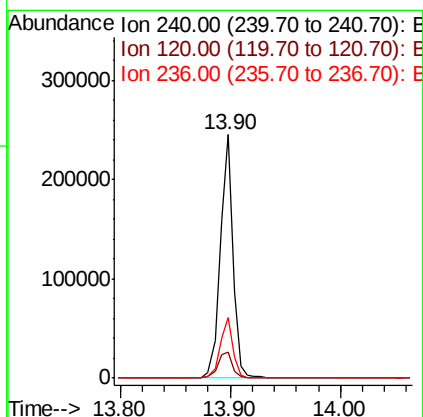
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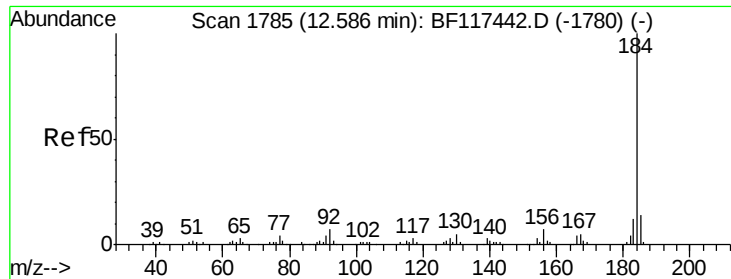
mohammad
 10/22/2019 3:29:18 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	197192		
120	10.5		8.4	12.6
236	24.8		20.0	30.0





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

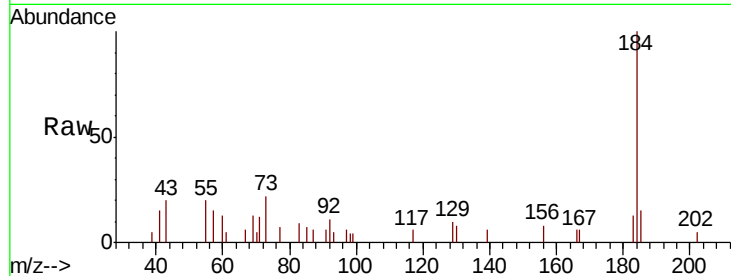
ClientSampleId :

CL-02-101819MS

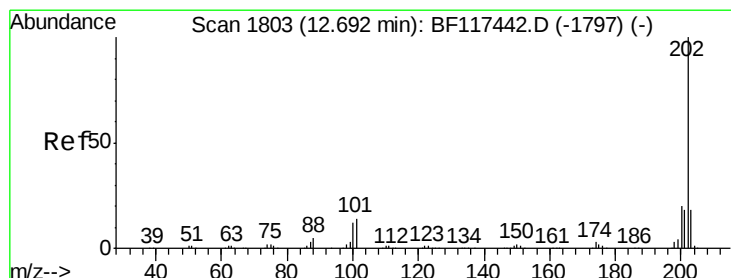
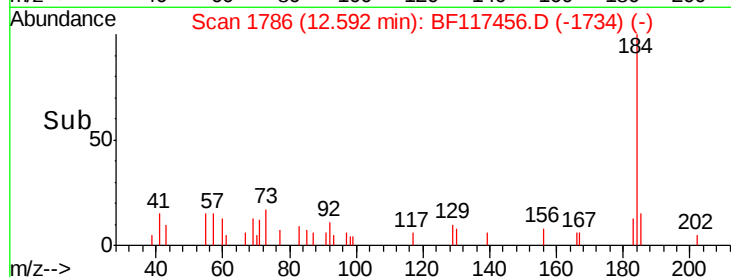
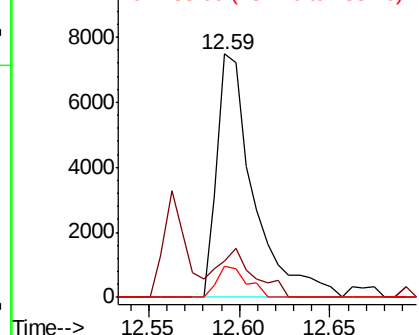
Tot Ion:	184	Resp:	10547
Ion Ratio	Lower	Upper	
184	100		
185	15.1	11.4	17.0
183	12.9	9.6	14.4

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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: 27.840 ng

RT: 12.69 min Scan# 1803

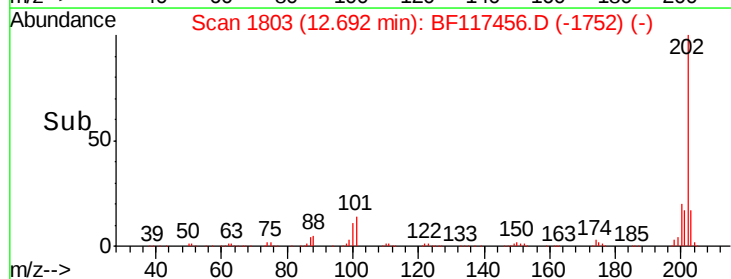
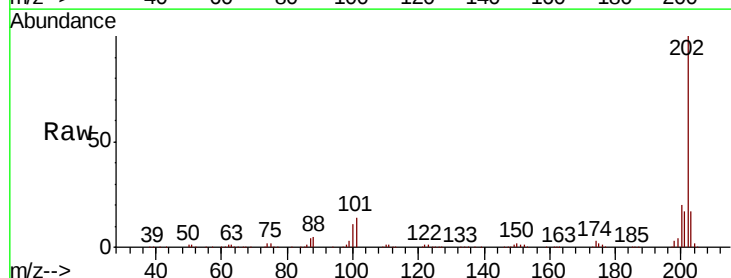
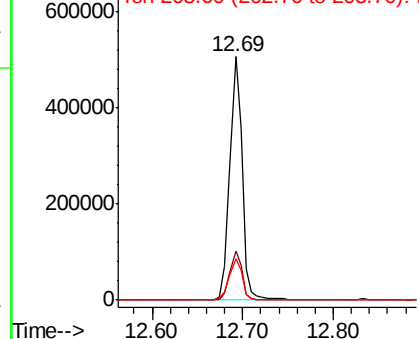
Delta R.T. -0.00 min

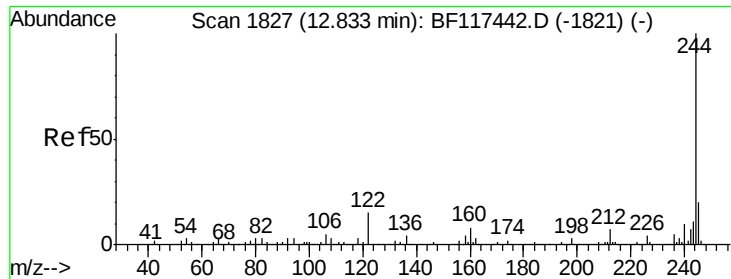
Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	202	Resp:	471554
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.2	24.2
203	17.2	14.0	21.0

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





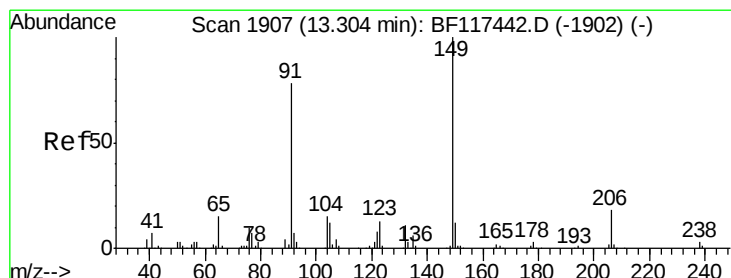
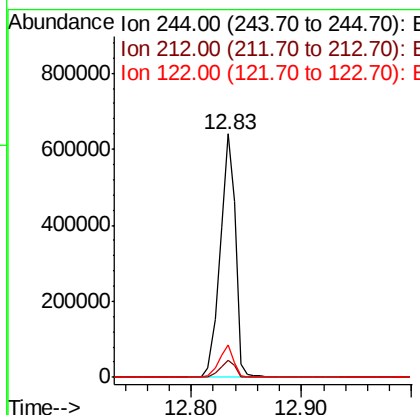
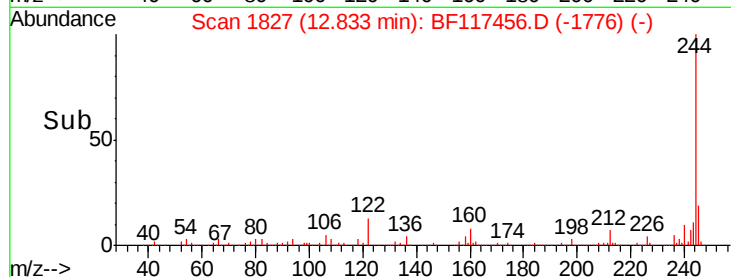
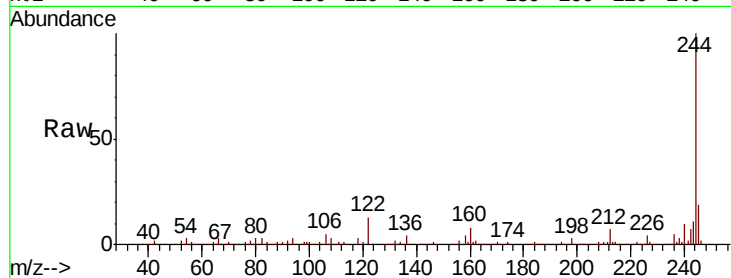
#79
 Terphenyl-d14
 Concen: 50.812 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Instrument :
 BNA_F
 ClientSampleId :
 CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.4	11.8	17.8

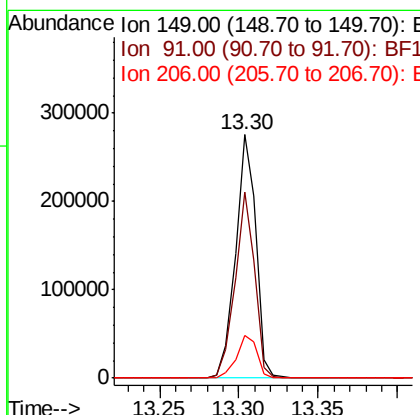
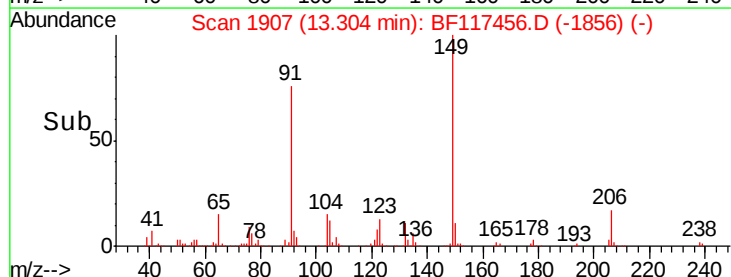
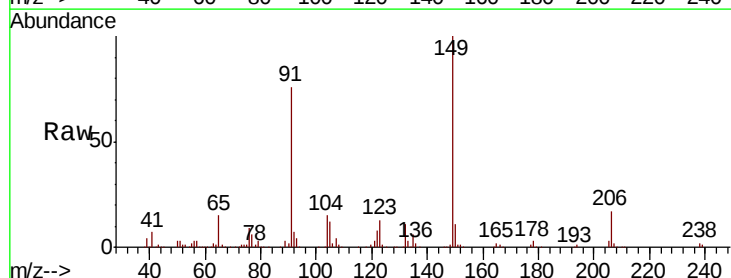
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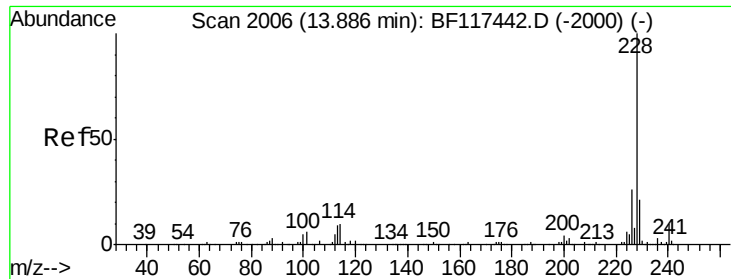
mohammad
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#80
 Butylbenzylphthalate
 Concen: 29.041 ng
 RT: 13.30 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: BF117456.D
 Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.5	62.1	93.1
206	17.4	14.3	21.5





#81

Benzo(a)anthracene

Concen: 29.935 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

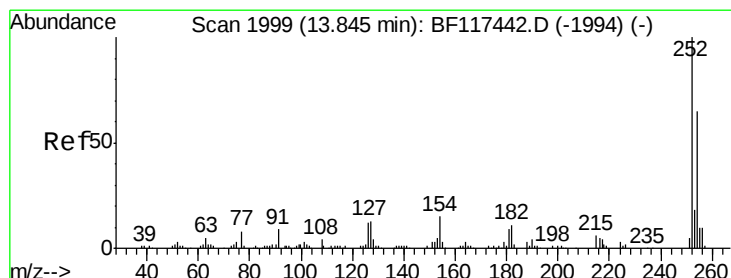
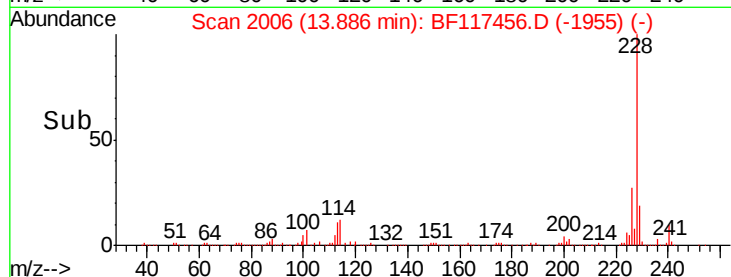
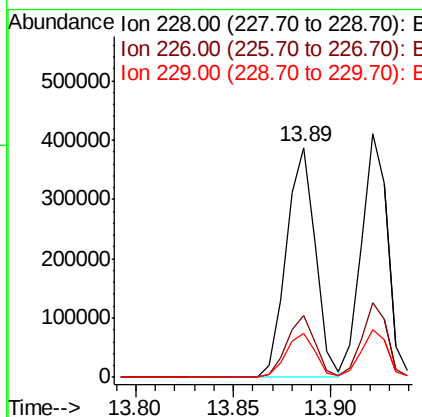
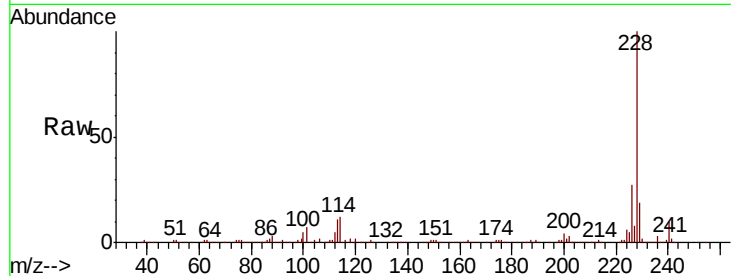
ClientSampleId :

CL-02-101819MS

Tot Ion:	228	Resp:	398180
Ion Ratio		Lower	Upper
228	100		
226	27.0	21.0	31.4
229	19.2	16.4	24.6

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 16.620 ng

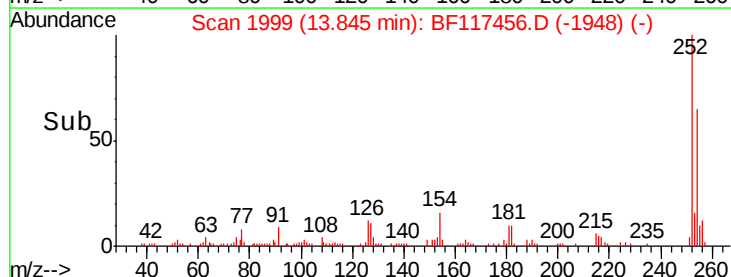
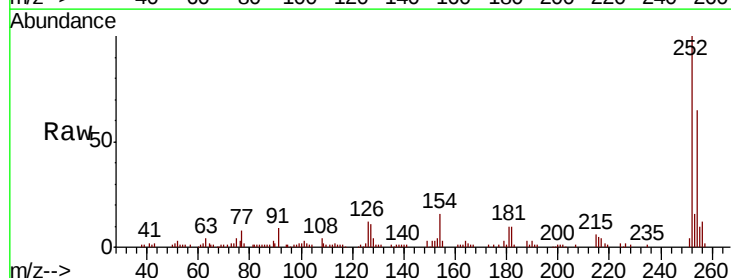
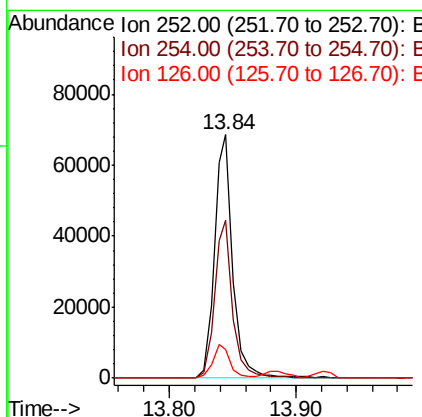
RT: 13.84 min Scan# 1999

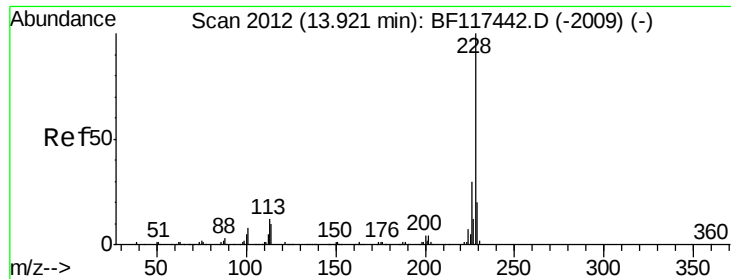
Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	252	Resp:	69369
Ion Ratio		Lower	Upper
252	100		
254	65.0	52.2	78.4
126	11.8	9.2	13.8





#83

Chrysene

Concen: 29.740 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

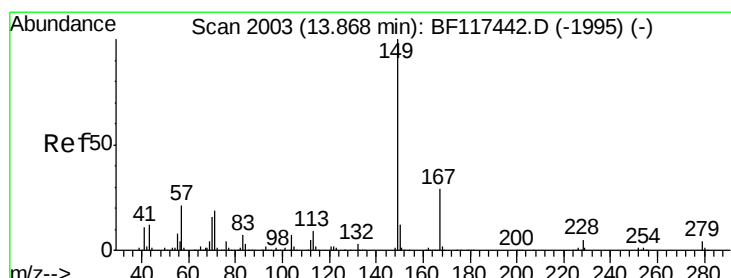
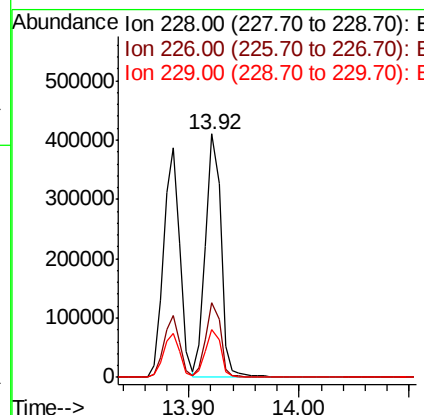
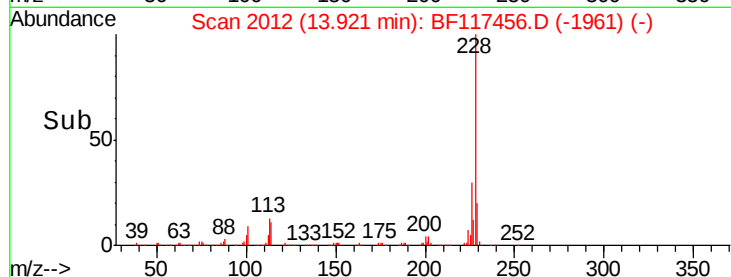
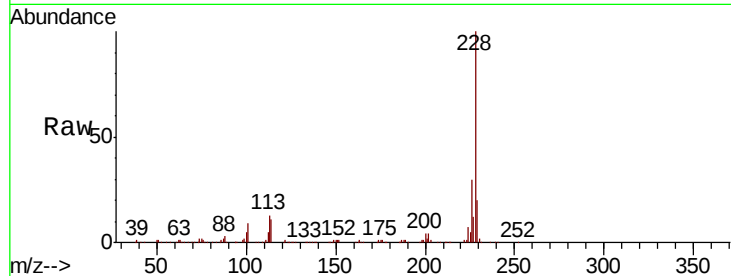
ClientSampleId :

CL-02-101819MS

Tot Ion:	228	Resp:	387701
Ion Ratio		Lower	Upper
228	100		
226	30.4	23.9	35.9
229	19.8	15.8	23.6

Manual Integrations
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#84

Bis(2-ethylhexyl)phthalate

Concen: 29.915 ng

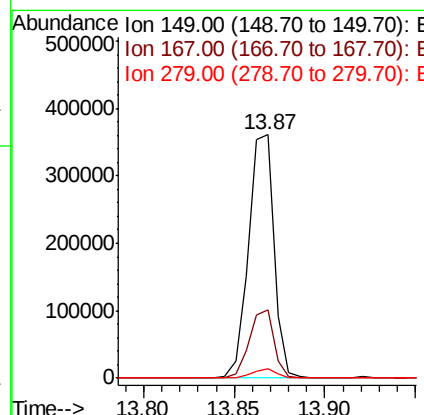
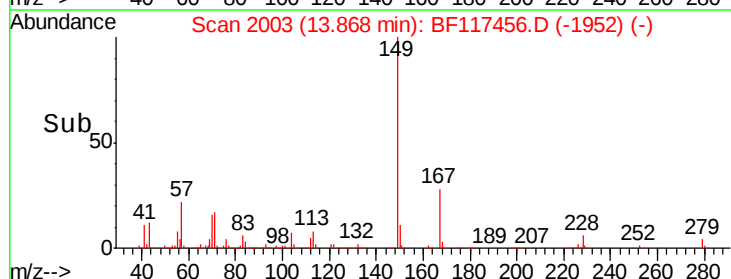
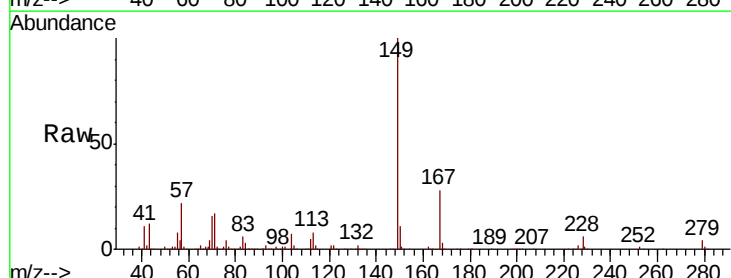
RT: 13.87 min Scan# 2003

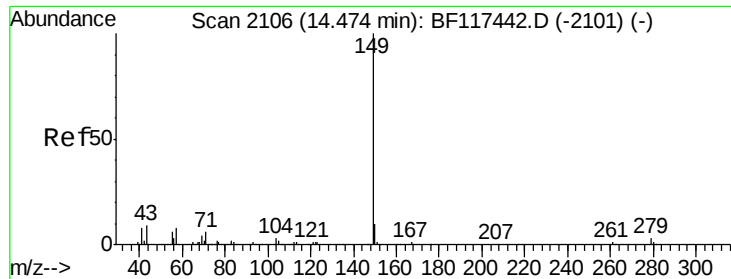
Delta R.T. -0.00 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Tgt Ion:	149	Resp:	353199
Ion Ratio		Lower	Upper
149	100		
167	27.9	23.3	34.9
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 33.429 ng

RT: 14.48 min Scan# 2107

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

Instrument :

BNA_F

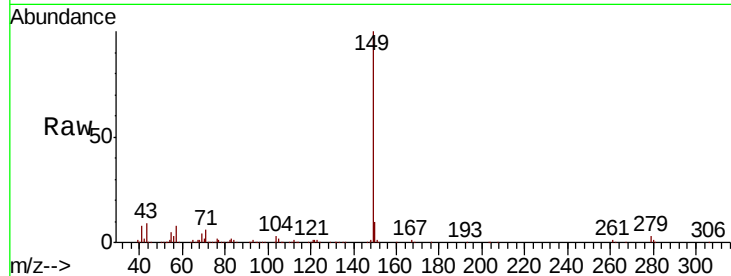
ClientSampleId :

CL-02-101819MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	606838		
167	1.4		1.2	1.8
43	8.3		6.8	10.2

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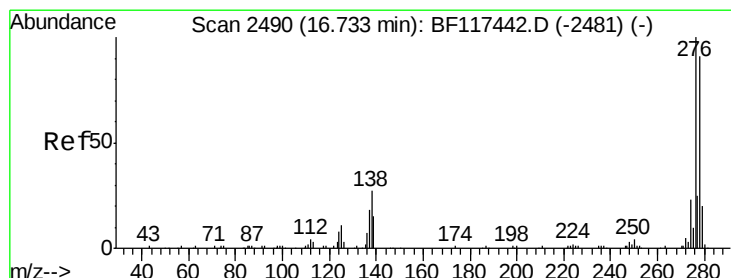
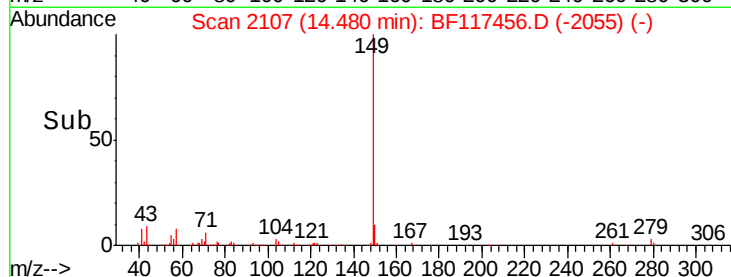
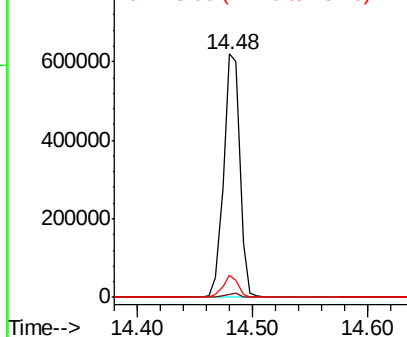


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.617 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117456.D

Acq: 21 Oct 2019 19:21

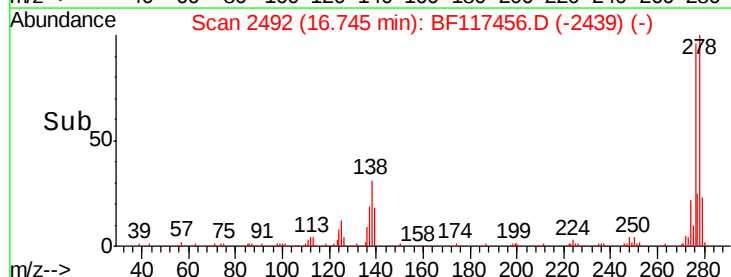
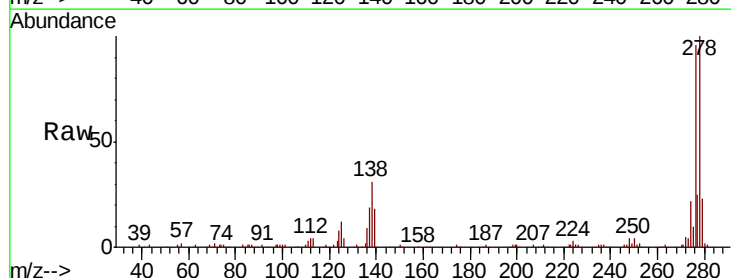
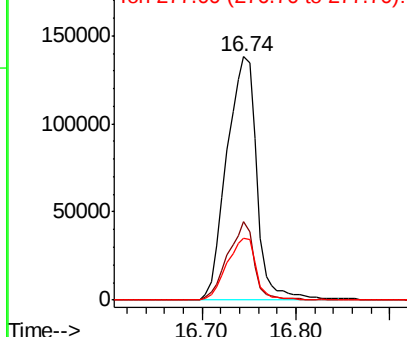
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	307728		
138	28.3		21.8	32.8
277	24.8		20.0	30.0

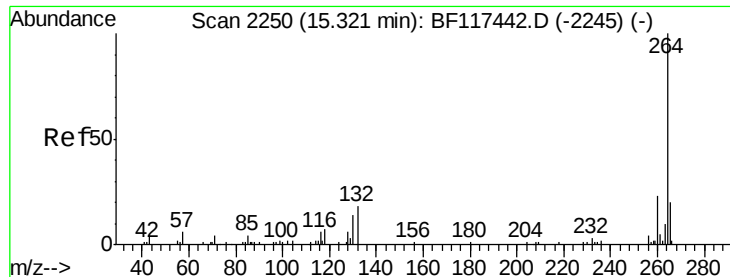
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





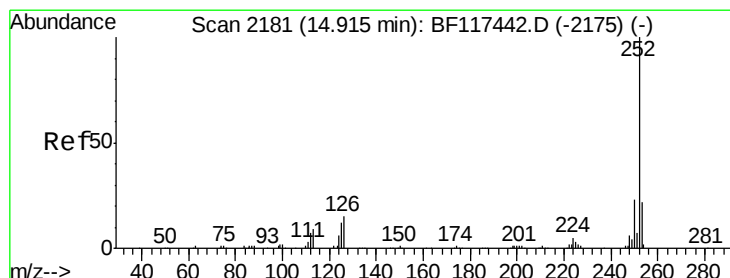
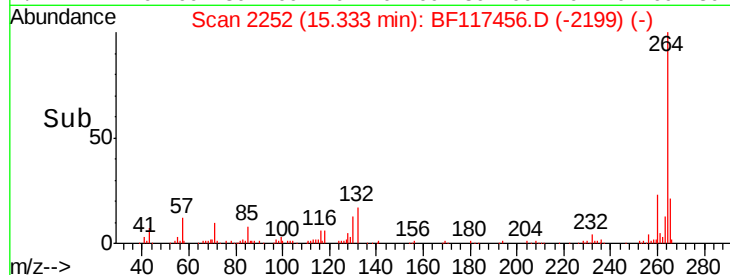
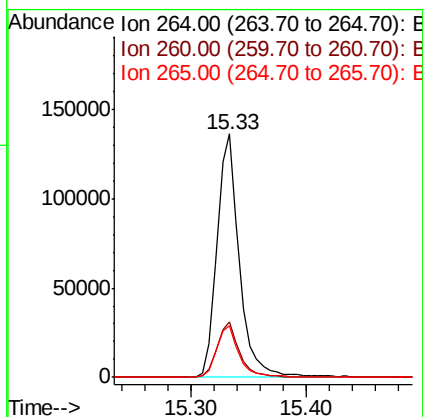
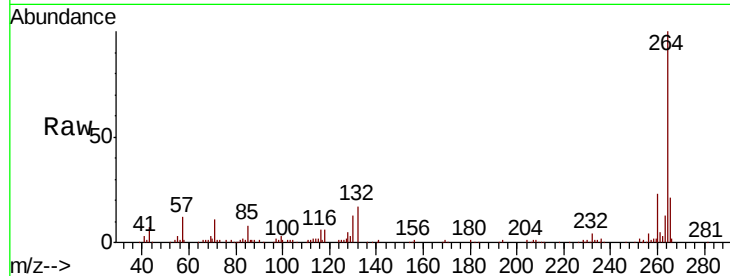
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.4	27.6
265	21.4	16.1	24.1

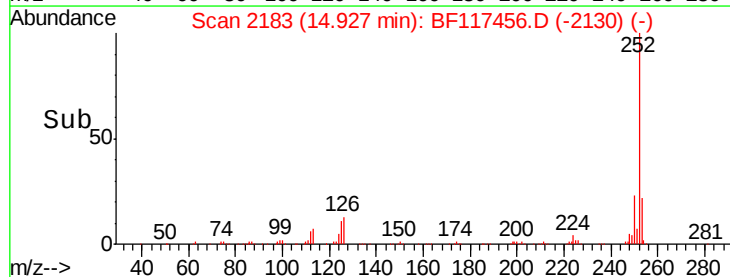
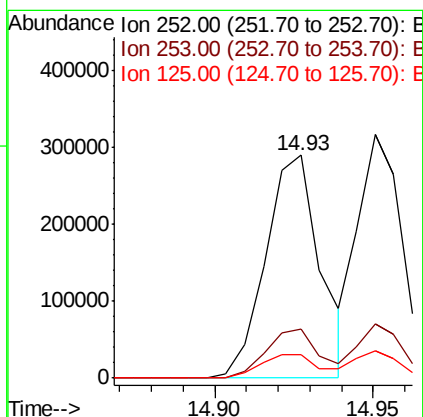
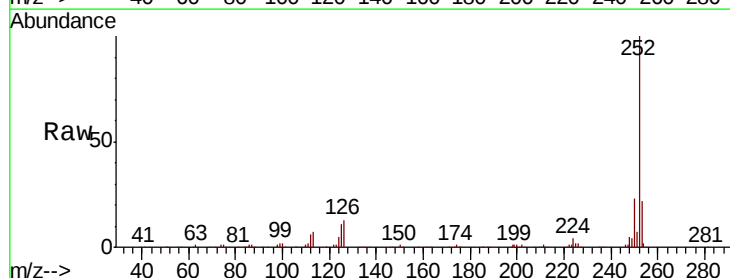
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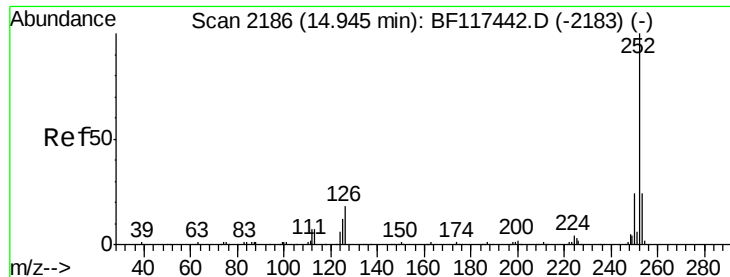
mohammad
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#88
Benzo(b)fluoranthene
Concen: 32.267 ng
RT: 14.93 min Scan# 2183
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.5	9.9	14.9





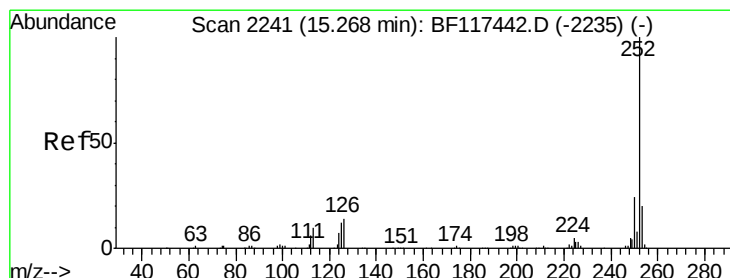
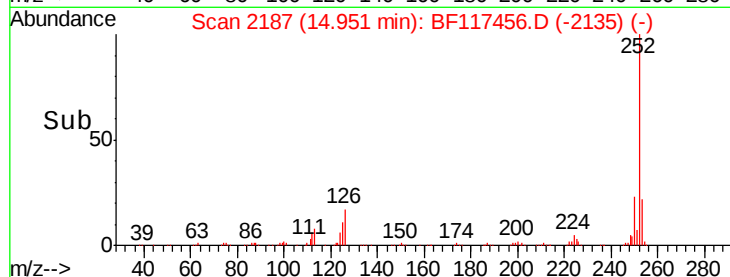
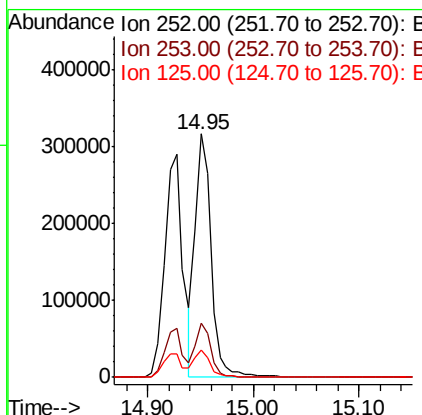
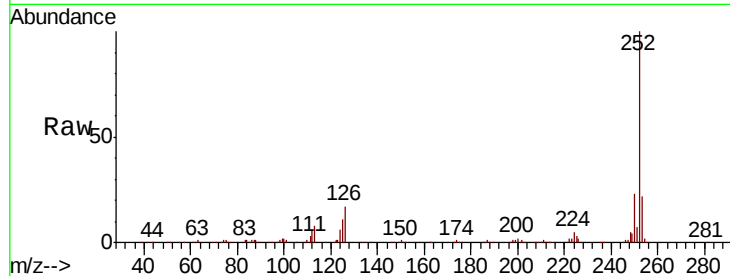
#89
Benzo(k)fluoranthene
Concen: 29.846 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	11.3	8.9	13.3

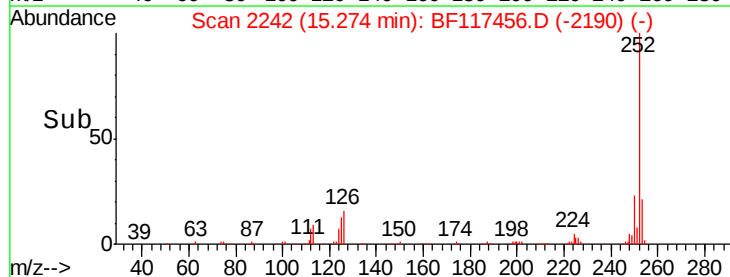
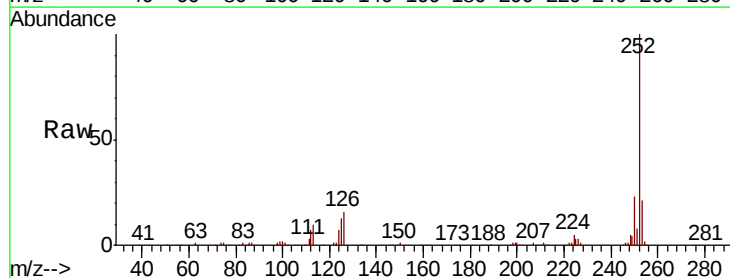
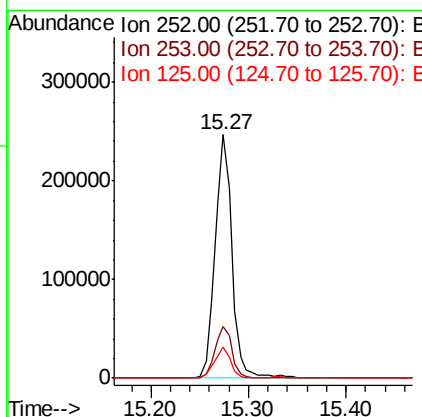
Manual Integrations
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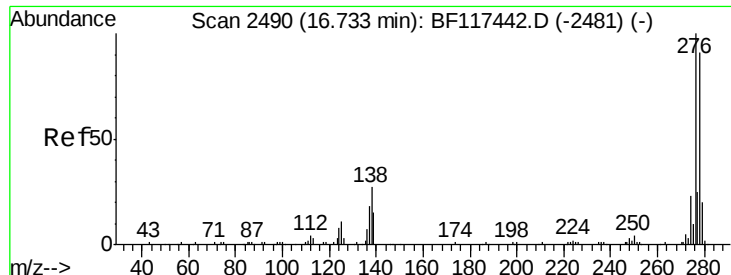
mohammad
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#90
Benzo(a)pyrene
Concen: 30.332 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.3	24.5
125	13.0	9.2	13.8





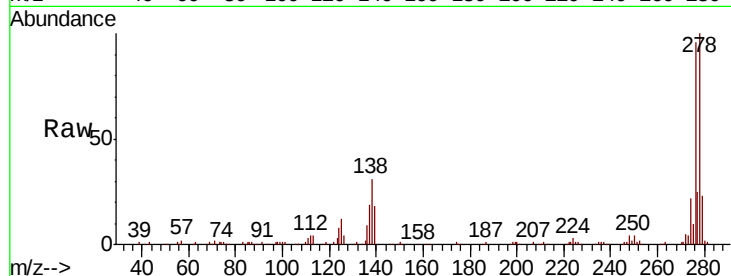
#91
Dibenzo(a,h)anthracene
Concen: 31.248 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

Instrument :
BNA_F
ClientSampleId :
CL-02-101819MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.4	20.0
279	23.2	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/22/2019 3:29:18 PM

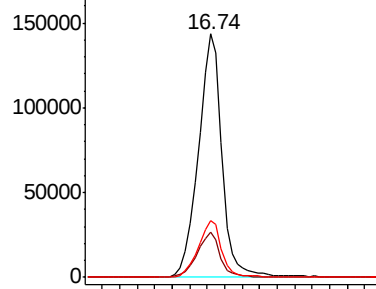


Abundance

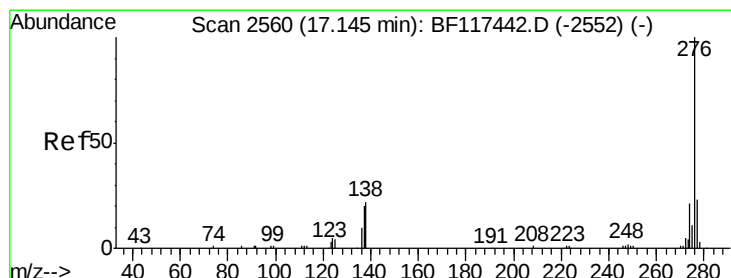
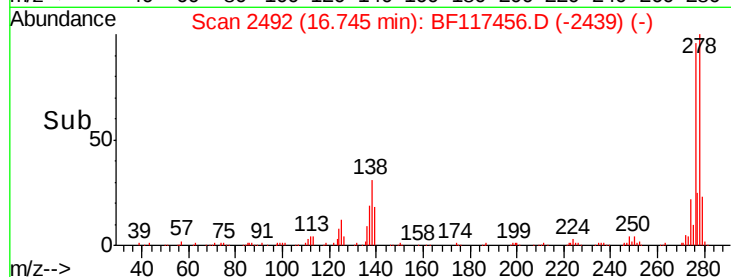
Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#92
Benzo(g,h,i)perylene
Concen: 31.875 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117456.D
Acq: 21 Oct 2019 19:21

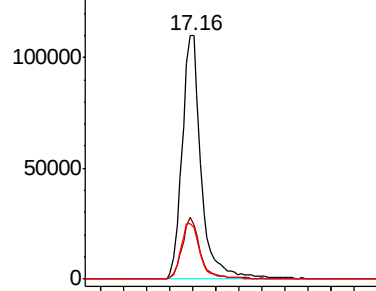
Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.4	27.6
138	21.4	17.8	26.6

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



Time-->

