

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111112.D
 Acq On : 5 Dec 2018 16:59
 Operator : JU/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Manual Integrations
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mohammad
 12/6/2018 12:11:43 PM

Quant Time: Dec 05 18:00:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	522607	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2183952	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	1022513	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1762506	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1180275	20.00	ng	0.00
87) Perylene-d12	15.39	264	1016087	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2524381	75.38	ng	0.00
7) Phenol-d6	6.43	99	3249268	75.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	2940571	79.71	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	634551	78.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	4533414	81.47	ng	0.00
79) Terphenyl-d14	12.91	244	4099400	71.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	723482	37.557	ng	97
3) Pyridine	3.26	79	1650135	38.623	ng	98
4) n-Nitrosodimethylamine	3.19	42	806500	38.339	ng	95
6) Aniline	6.47	93	2179606	37.815	ng	99
8) 2-Chlorophenol	6.59	128	1477332	38.271	ng	99
9) Benzaldehyde	6.35	77	875156	36.930	ng	99
10) Phenol	6.45	94	1765666m	37.535	ng	
11) bis(2-Chloroethyl)ether	6.54	93	1454256	37.826	ng	99
12) 1,3-Dichlorobenzene	6.75	146	1555580	37.891	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1581647	38.283	ng	98
14) 1,2-Dichlorobenzene	6.98	146	1459446	37.975	ng	99
15) Benzyl Alcohol	6.95	79	1309015	38.295	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2886242	38.593	ng	99
17) 2-Methylphenol	7.06	107	1209471	38.169	ng	99
18) Hexachloroethane	7.32	117	599782	38.700	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	1112184	38.361	ng	99
20) 3+4-Methylphenols	7.21	107	1477222	38.223	ng	95
22) Acetophenone	7.22	105	1966053	37.252	ng	97
24) Nitrobenzene	7.39	77	1557835	39.254	ng	98
25) Isophorone	7.63	82	2541352	37.539	ng	100
26) 2-Nitrophenol	7.70	139	708913	42.276	ng	90
27) 2,4-Dimethylphenol	7.74	122	1192162	37.750	ng	99
28) bis(2-Chloroethoxy)methane	7.84	93	1732142	37.795	ng	99
29) 2,4-Dichlorophenol	7.94	162	1168165	37.573	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	1199629	38.228	ng	98
31) Naphthalene	8.11	128	3748161	39.418	ng	100
32) Benzoic acid	7.85	122	806184m	38.712	ng	
33) 4-Chloroaniline	8.16	127	1720292	37.427	ng	96
34) Hexachlorobutadiene	8.24	225	643836	37.753	ng	99
35) Caprolactam	8.53	113	438353m	38.401	ng	
36) 4-Chloro-3-methylphenol	8.63	107	1299805	38.168	ng	100
37) 2-Methylnaphthalene	8.80	142	2454699	37.425	ng	99
38) 1-Methylnaphthalene	8.90	142	2376571	37.688	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1030520	37.814	ng	99

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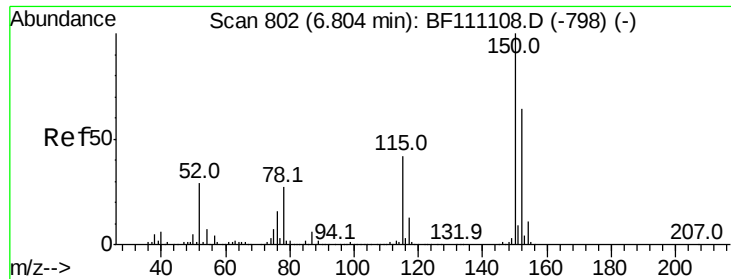
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Quant Time: Dec 05 18:00:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	552739	38.465	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	773662	38.870	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	781992	38.758	nq	97
46) 1,1'-Biphenyl	9.27	154	3150654	37.640	nq	98
47) 2-Chloronaphthalene	9.29	162	2470451	37.981	nq	96
48) 2-Nitroaniline	9.38	65	854264	40.527	nq	92
49) Acenaphthylene	9.70	152	3573795	39.307	nq	99
50) Dimethylphthalate	9.57	163	2718494	38.201	nq	100
51) 2,6-Dinitrotoluene	9.62	165	625650	41.468	nq	90
52) Acenaphthene	9.88	154	2269754	37.788	nq	98
53) 3-Nitroaniline	9.79	138	761445	40.178	nq	98
54) 2,4-Dinitrophenol	9.89	184	165807	38.425	nq	# 24
55) Dibenzofuran	10.05	168	3243873	39.210	nq	97
56) 4-Nitrophenol	9.94	139	590618	41.356	nq	87
57) 2,4-Dinitrotoluene	10.02	165	796543	40.878	nq	93
58) Fluorene	10.39	166	2265550	38.833	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.16	232	594350m	39.468	nq	
60) Diethylphthalate	10.27	149	2702429	38.000	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	1132912	39.404	nq	96
62) 4-Nitroaniline	10.40	138	700365	40.946	nq	99
63) Azobenzene	10.55	77	2866264	37.856	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	293354	40.287	nq	92
66) n-Nitrosodiphenylamine	10.50	169	2282185	36.979	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	705952	37.838	nq	92
68) Hexachlorobenzene	10.94	284	717965	37.634	nq	94
69) Atrazine	11.03	200	567516	33.343	nq	99
70) Pentachlorophenol	11.13	266	500424	39.889	nq	97
71) Phenanthrene	11.35	178	3235132	38.159	nq	99
72) Anthracene	11.40	178	3302862	38.649	nq	99
73) Carbazole	11.55	167	3404291	38.284	nq	99
74) Di-n-butylphthalate	11.89	149	3894115	37.411	nq	99
75) Fluoranthene	12.53	202	3239624	39.051	nq	98
77) Benzidine	12.65	184	1143085	28.560	nq	96
78) Pyrene	12.76	202	3350241	36.435	nq	100
80) Butylbenzylphthalate	13.39	149	1722602	38.779	nq	99
81) Benzo(a)anthracene	13.94	228	2578928	37.293	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	985976	37.781	nq	97
83) Chrysene	13.99	228	2605005	37.946	nq	100
84) Bis(2-ethylhexyl)phthalate	13.95	149	2123237	39.572	nq	99
85) Di-n-octyl phthalate	14.56	149	3511847	41.635	nq	99
86) Indeno(1,2,3-cd)pyrene	16.80	276	1974294	35.819	nq	# 85
88) Benzo(b)fluoranthene	14.98	252	2220877	38.573	nq	99
89) Benzo(k)fluoranthene	15.01	252	2169192	38.972	nq	99
90) Benzo(a)pyrene	15.33	252	2001927	37.907	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	1653330	37.306	nq	99
92) Benzo(g,h,i)perylene	17.23	276	1628553	36.568	nq	98

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



#1

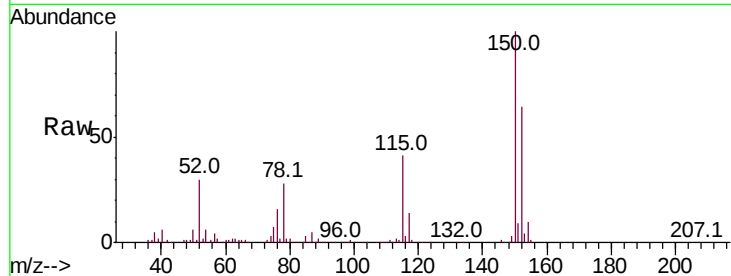
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.6	187.0
115	65.0	52.2	78.2

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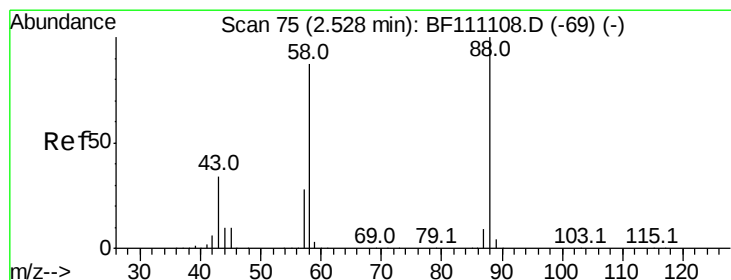
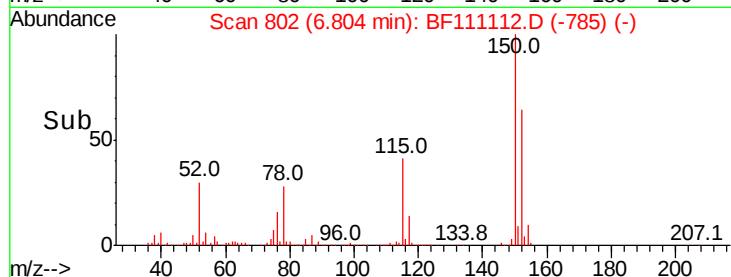
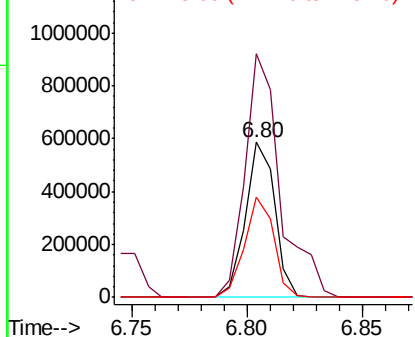


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

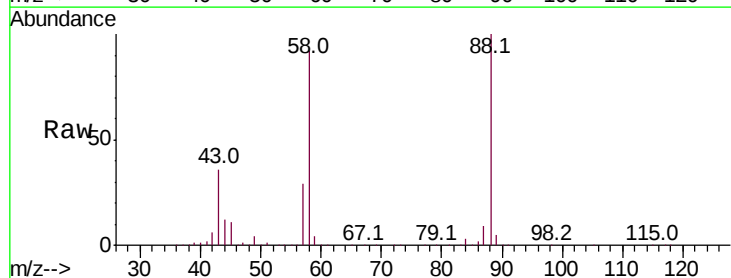
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.557 ng
RT: 2.53 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.7	70.8	106.2
43	37.3	28.3	42.5

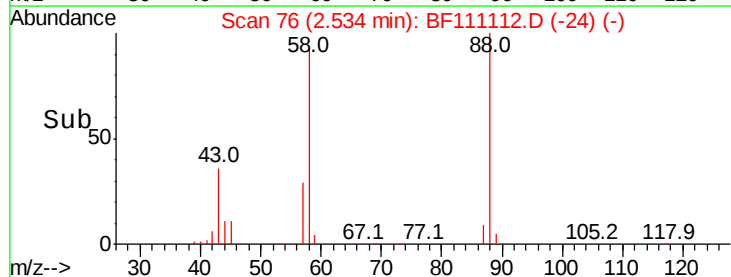
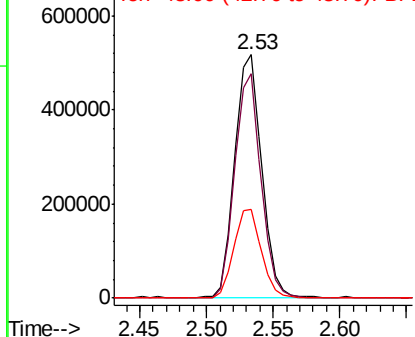


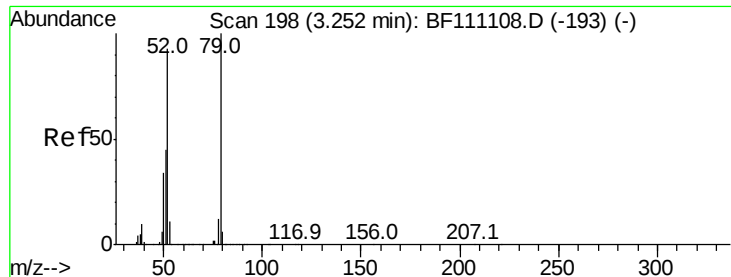
Abundance

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





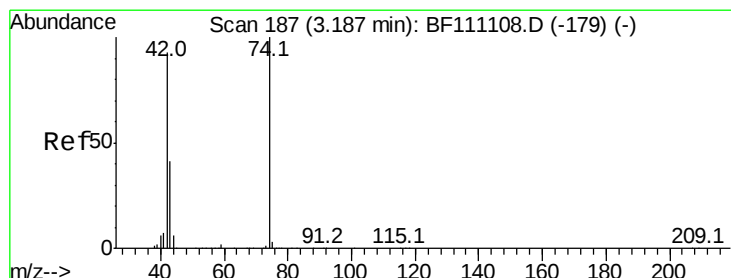
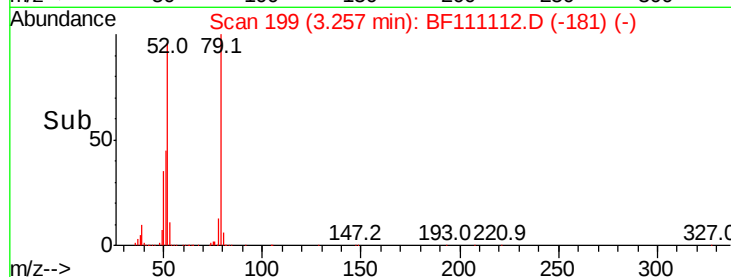
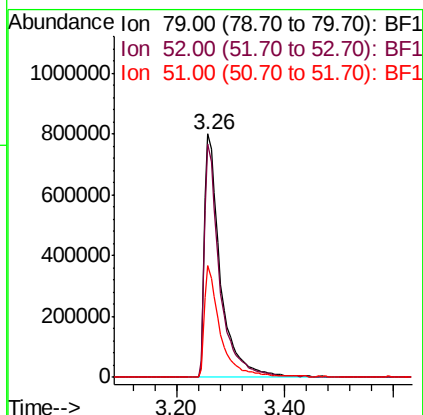
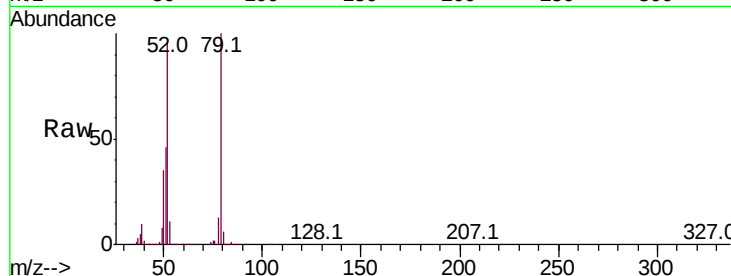
#3
 Pvridine
 Concen: 38.623 ng
 RT: 3.26 min Scan# 199
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Tot Ion: 79 Resp: 1650135
 Ion Ratio Lower Upper
 79 100
 52 95.8 74.7 112.1
 51 45.8 35.9 53.9

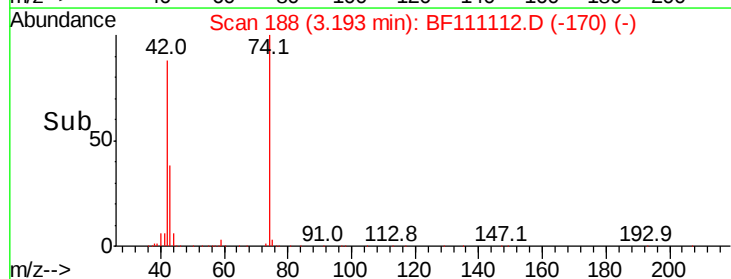
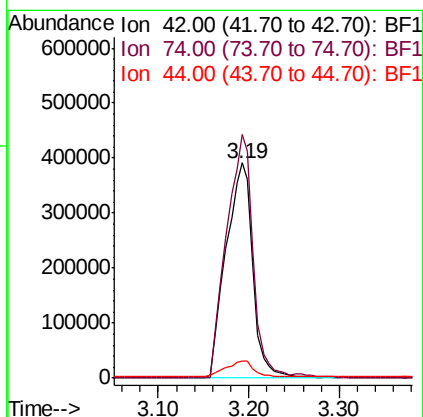
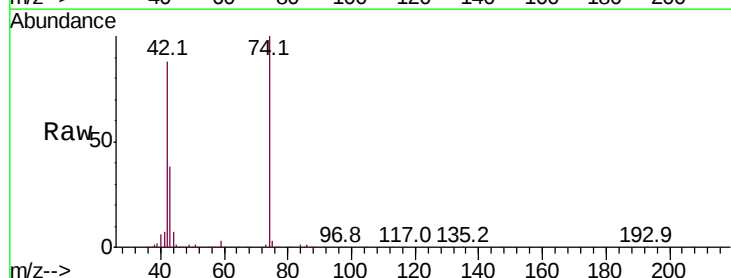
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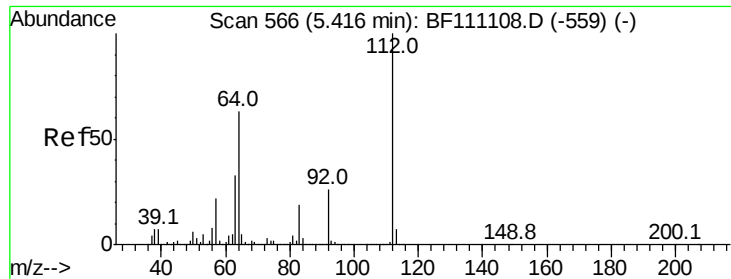
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#4
 n-Nitrosodimethylamine
 Concen: 38.339 ng
 RT: 3.19 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion: 42 Resp: 806500
 Ion Ratio Lower Upper
 42 100
 74 113.2 86.2 129.2
 44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 75.376 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion:112 Resp: 2524381

Ion Ratio Lower Upper

112 100

64 61.6 50.2 75.4

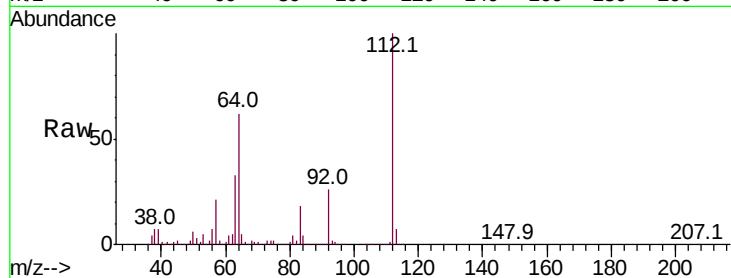
63 32.7 26.6 39.8

Manual Integrations

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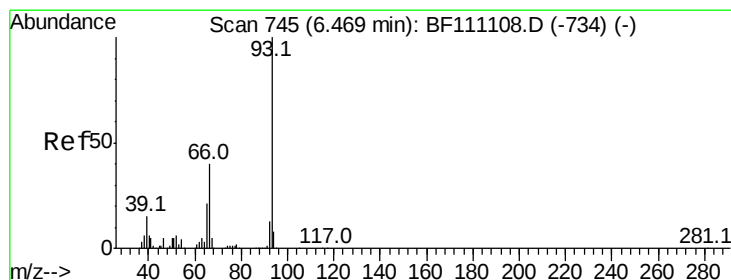
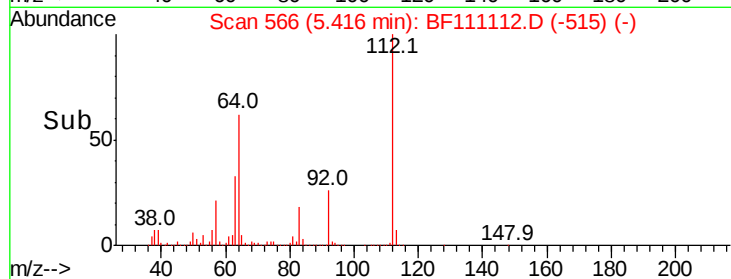
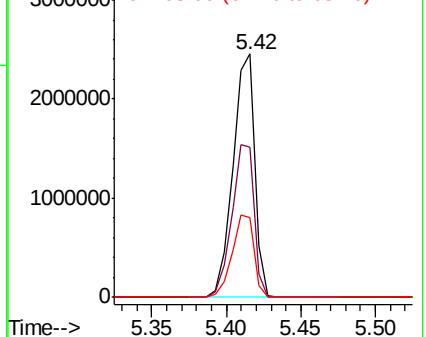
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 37.815 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

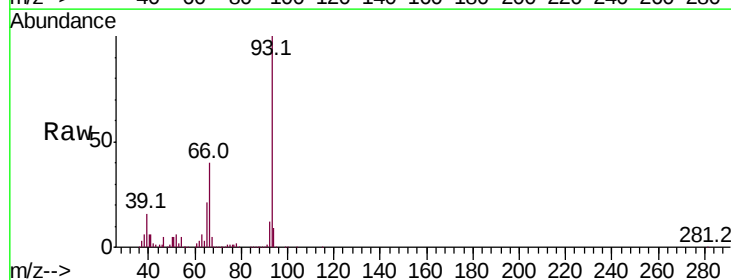
Tgt Ion: 93 Resp: 2179606

Ion Ratio Lower Upper

93 100

66 40.2 31.8 47.8

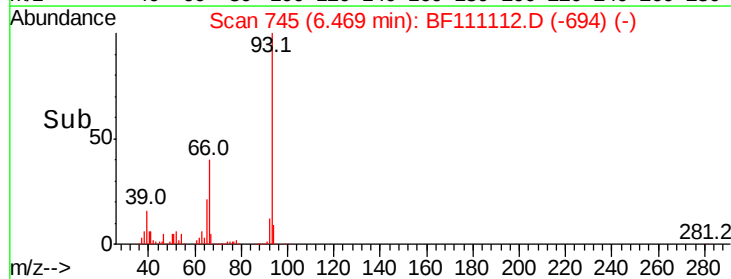
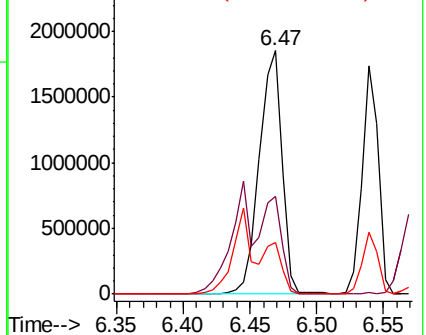
65 21.1 16.6 24.8

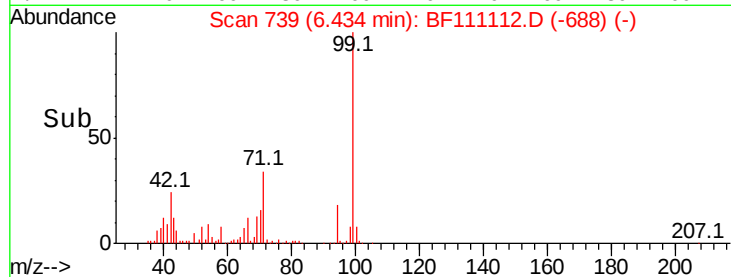
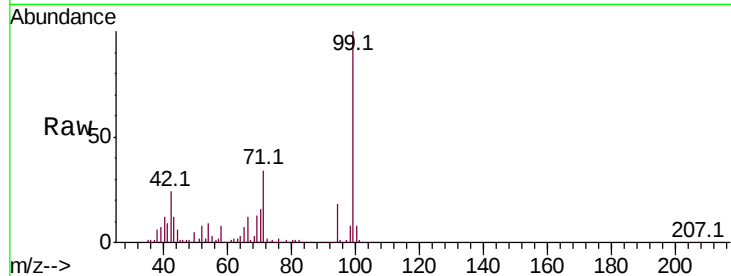
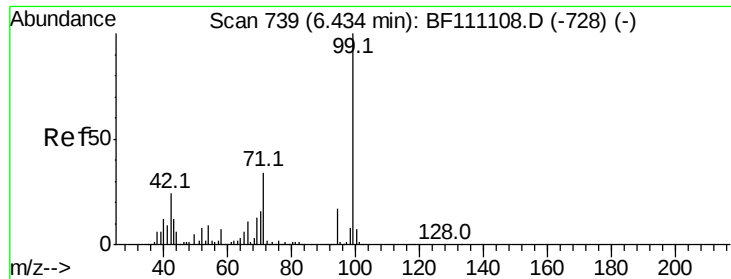


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.316 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tot Ion: 99 Resp: 3249268

Ion Ratio Lower Upper

99 100

42 24.0 19.3 28.9

71 33.8 27.4 41.2

Instrument :

BNA_F

ClientSampleId :

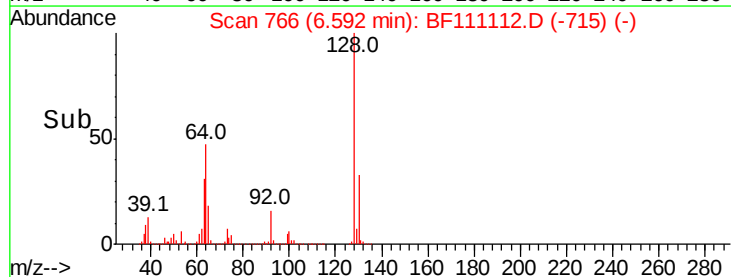
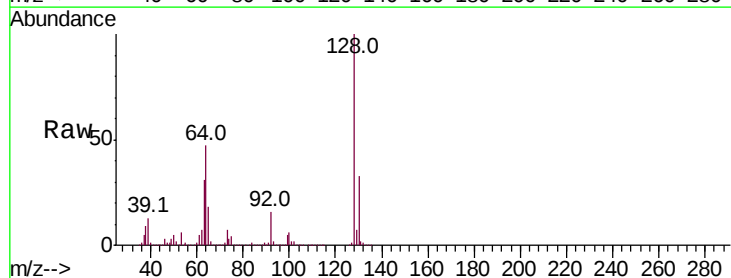
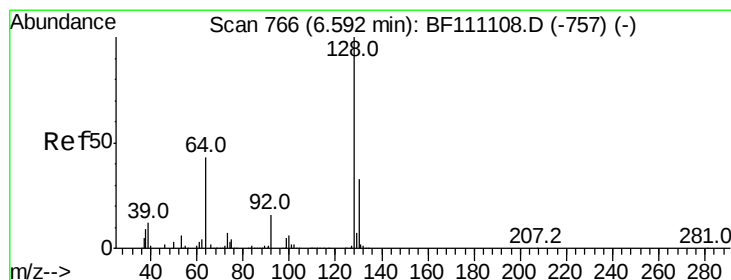
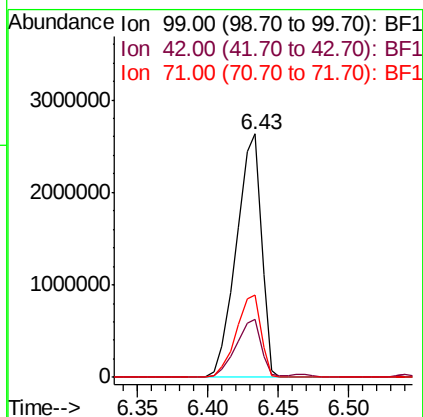
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#8

2-Chlorophenol

Concen: 38.271 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

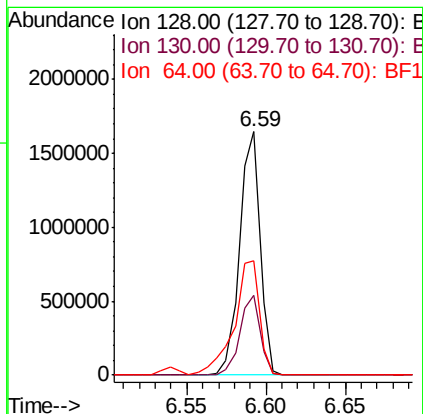
Tgt Ion:128 Resp: 1477332

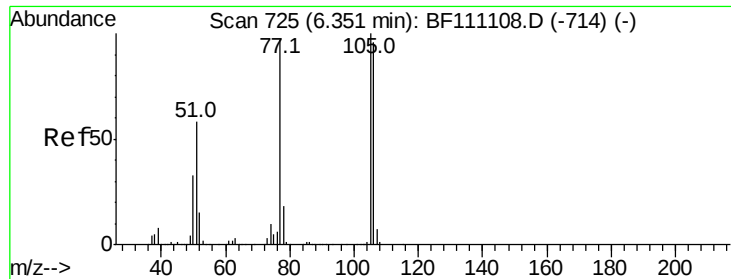
Ion Ratio Lower Upper

128 100

130 32.9 12.8 52.8

64 47.1 26.6 66.6





#9

Benzaldehyde

Concen: 36.930 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

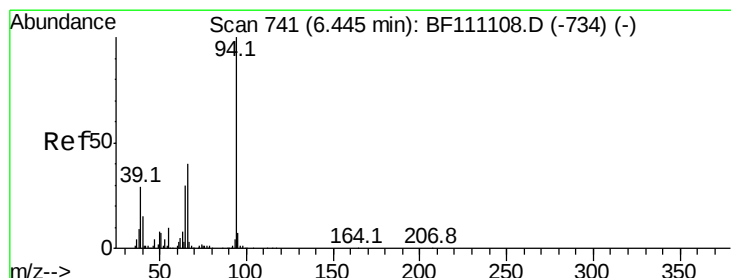
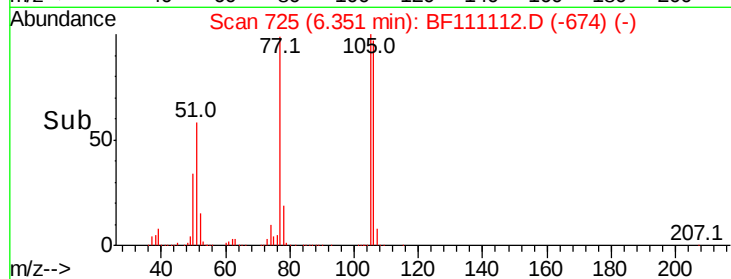
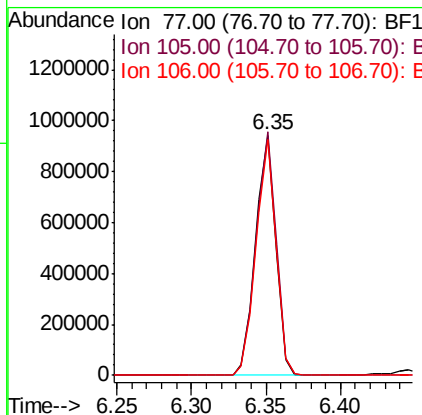
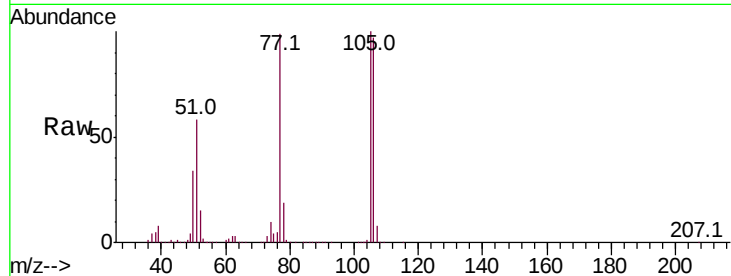
ICVBF120518

Tot Ion: 77 Resp: 875156

Ion	Ratio	Lower	Upper
77	100		
105	101.4	83.1	123.1
106	98.4	79.0	119.0

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#10

Phenol

Concen: 37.535 ng m

RT: 6.45 min Scan# 741

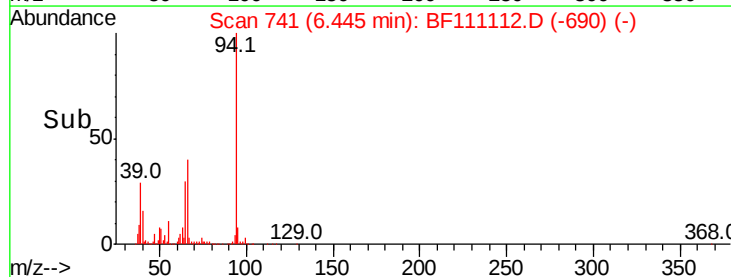
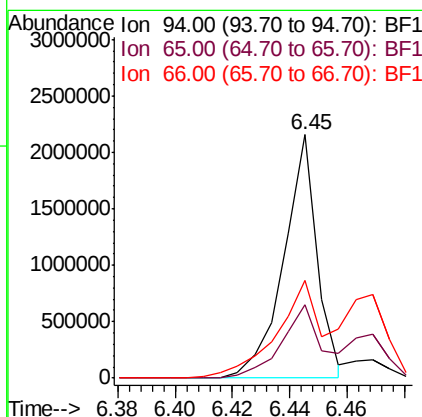
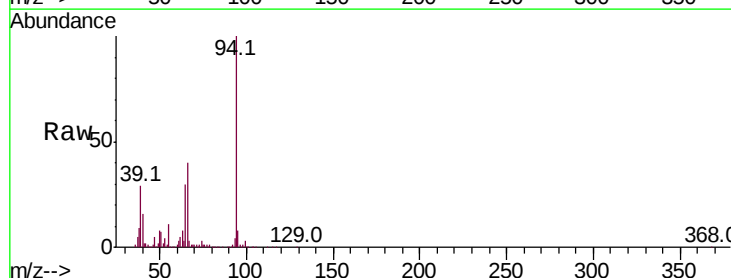
Delta R.T. -0.00 min

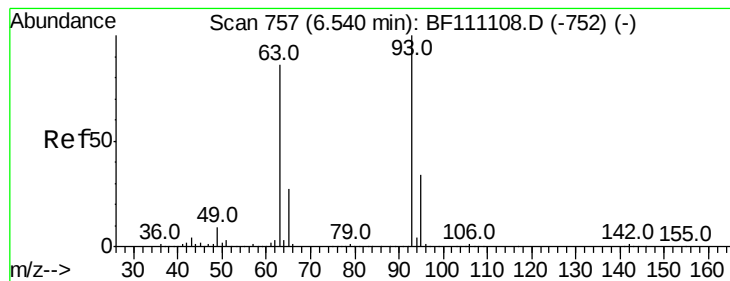
Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion: 94 Resp: 1765666

Ion	Ratio	Lower	Upper
94	100		
65	30.4	10.5	50.5
66	40.1	19.8	59.8





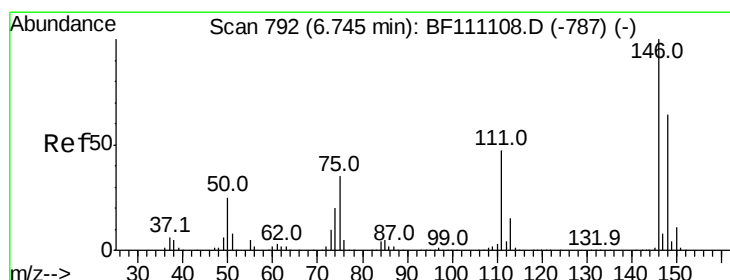
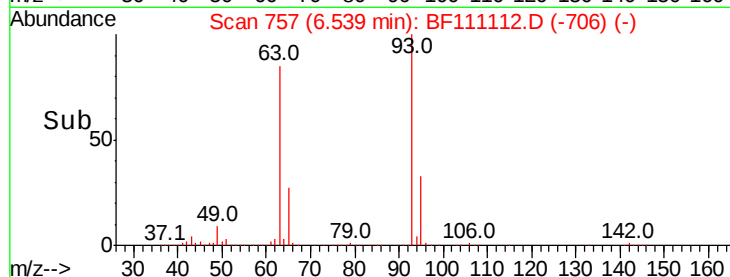
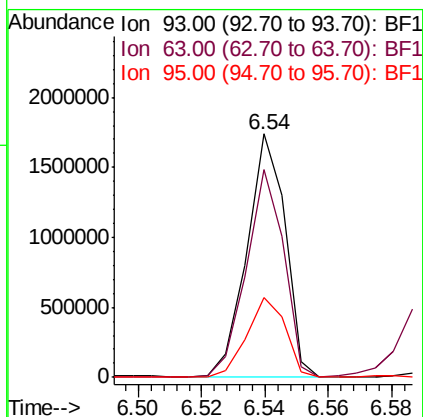
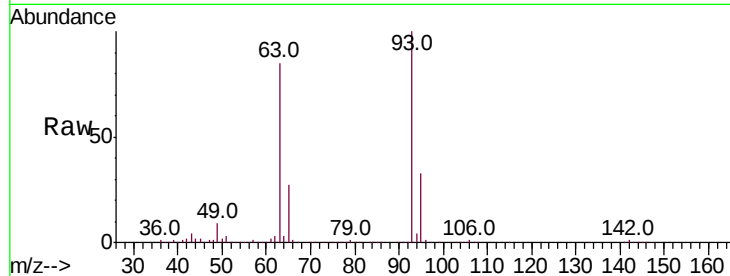
#11
bis(2-Chloroethyl)ether
Concen: 37.826 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion: 93 Resp: 1454256
Ion Ratio Lower Upper
93 100
63 85.4 66.0 106.0
95 33.0 14.3 54.3

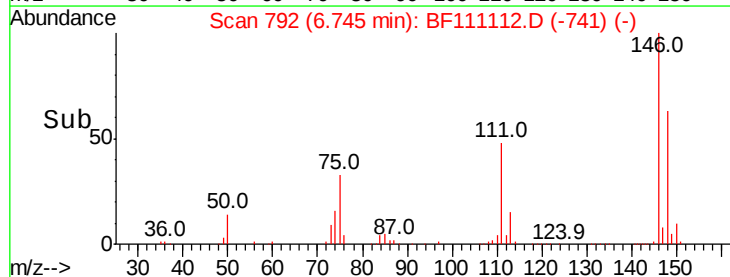
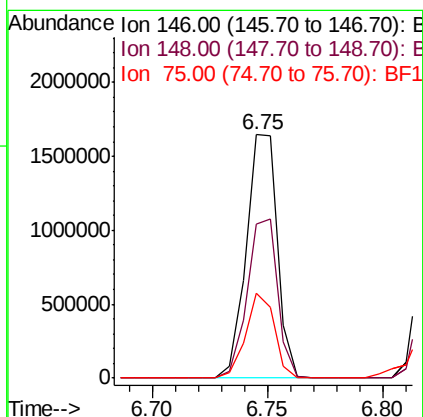
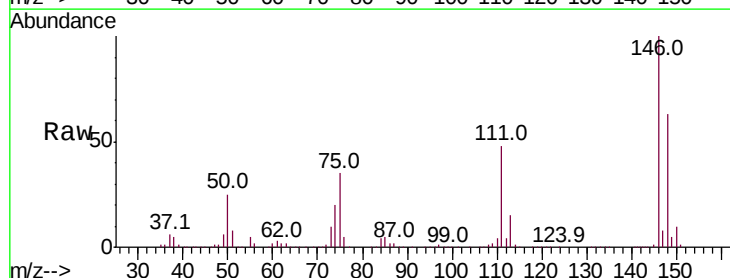
Manual Integrations
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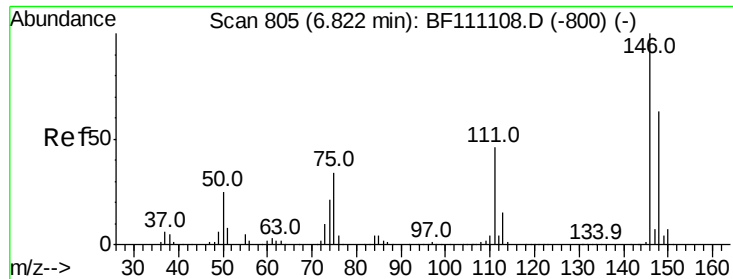
mohammad
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#12
1,3-Dichlorobenzene
Concen: 37.891 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion: 146 Resp: 1555580
Ion Ratio Lower Upper
146 100
148 63.2 51.3 76.9
75 34.7 27.7 41.5





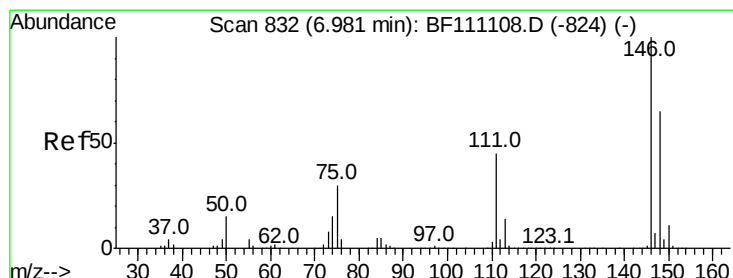
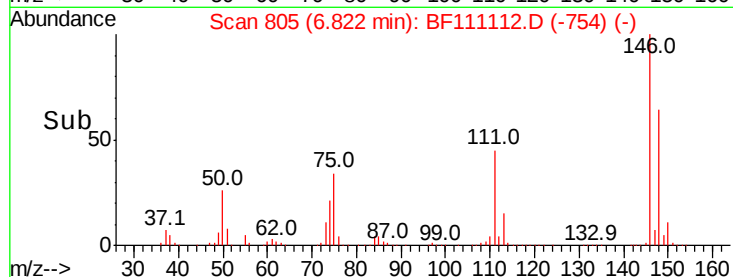
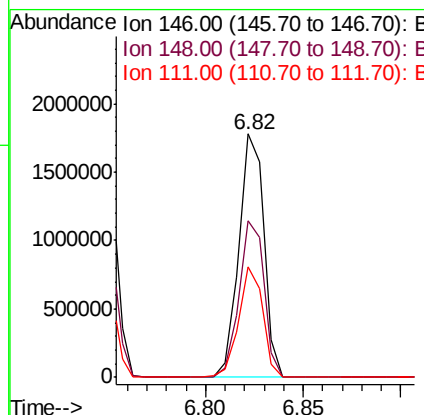
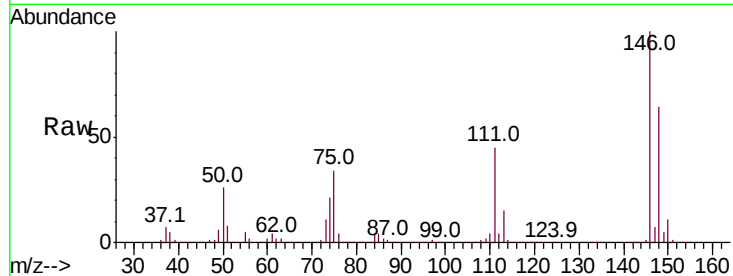
#13
 1,4-Dichlorobenzene
 Concen: 38.283 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Tot Ion:146 Resp: 1581647
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.3 75.5
 111 45.2 36.6 55.0

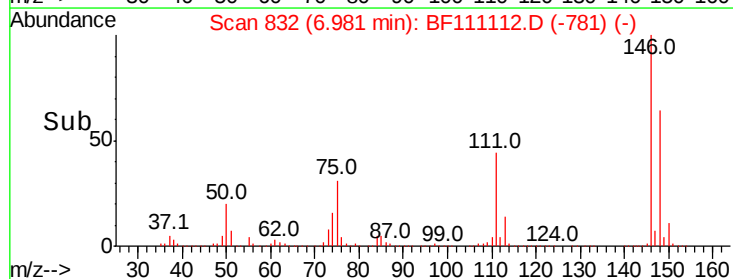
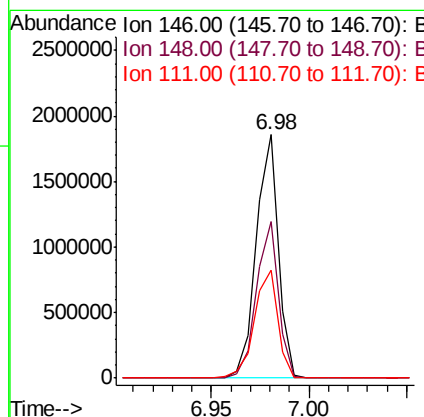
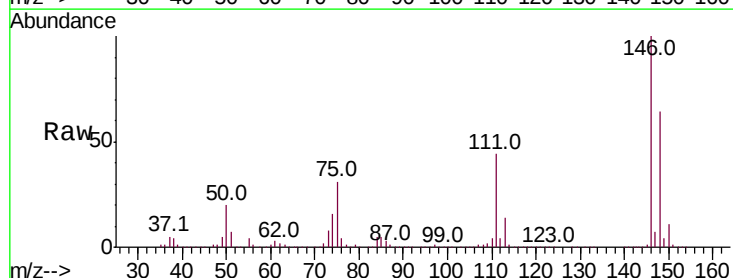
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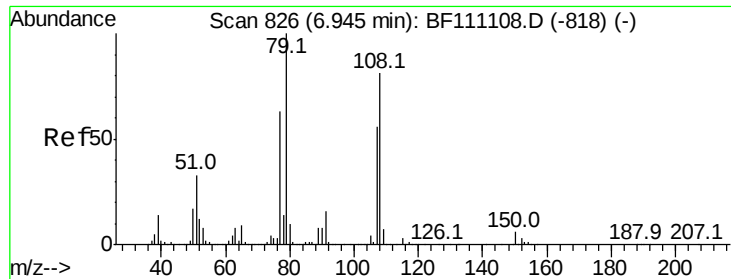
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.975 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion:146 Resp: 1459446
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.8 77.6
 111 44.2 35.7 53.5





#15

Benzyl Alcohol

Concen: 38.295 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion: 79 Resp: 1309015

Ion Ratio Lower Upper

79 100

108 80.5 64.5 96.7

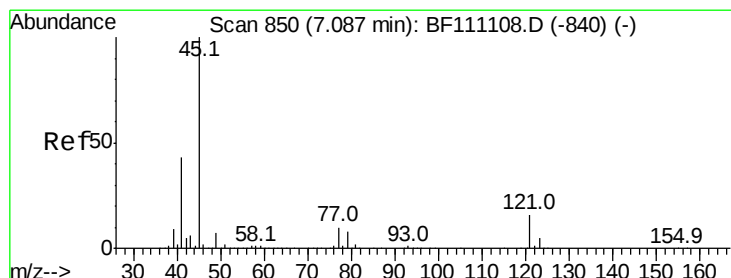
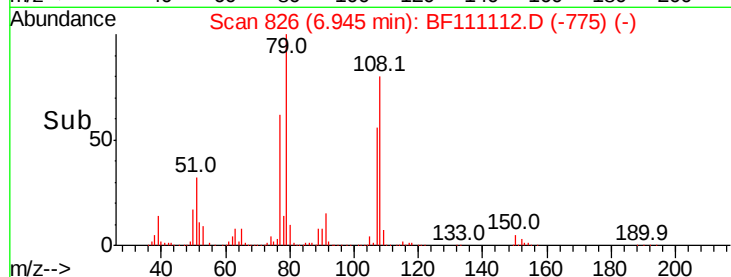
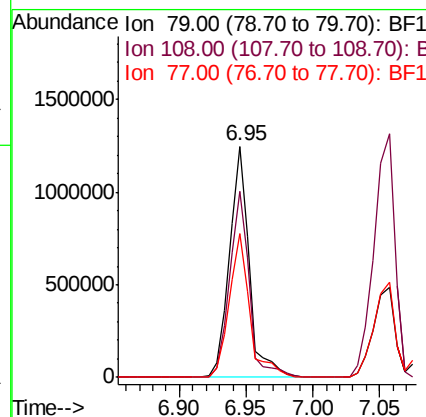
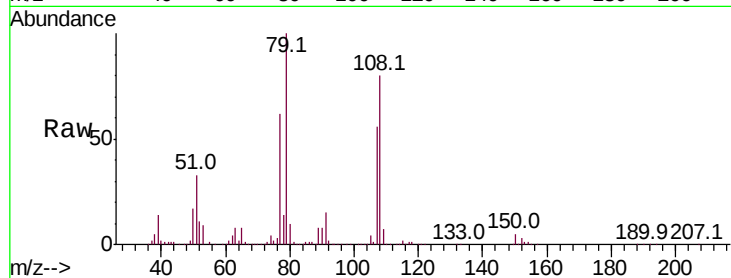
77 62.3 50.5 75.7

Manual Integrations

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.593 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

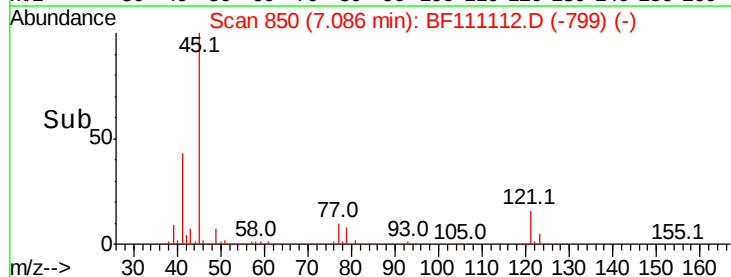
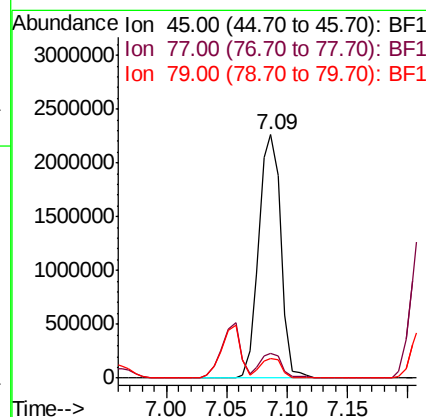
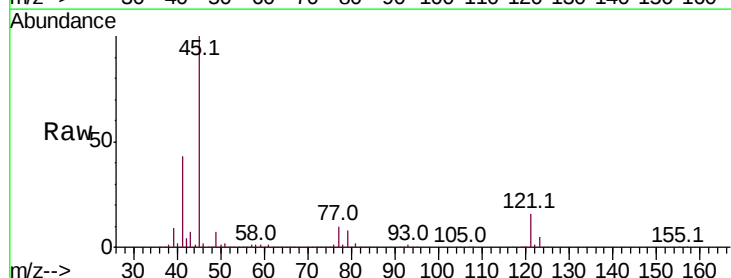
Tgt Ion: 45 Resp: 2886242

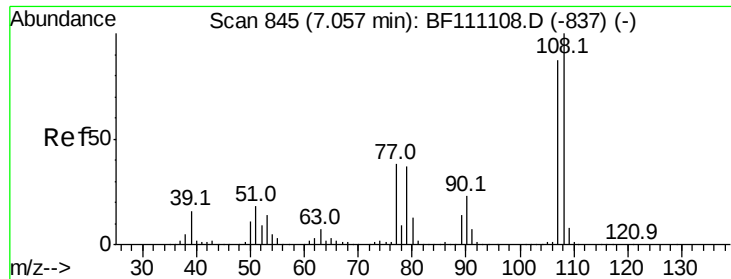
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.6

79 8.0 0.0 28.4





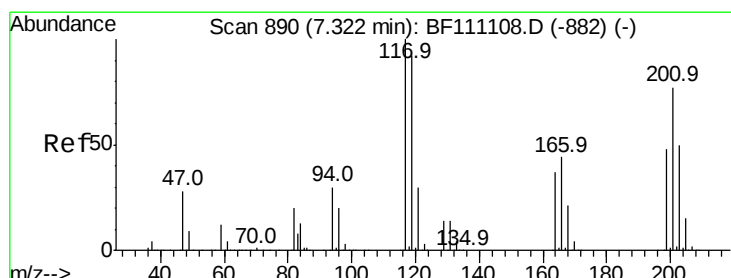
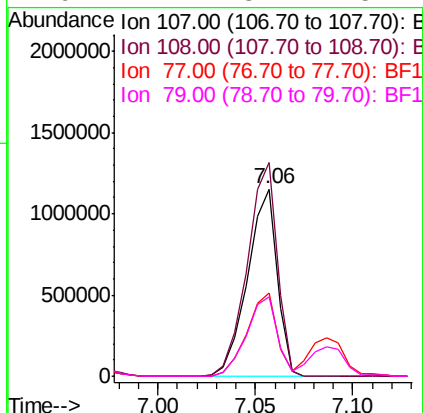
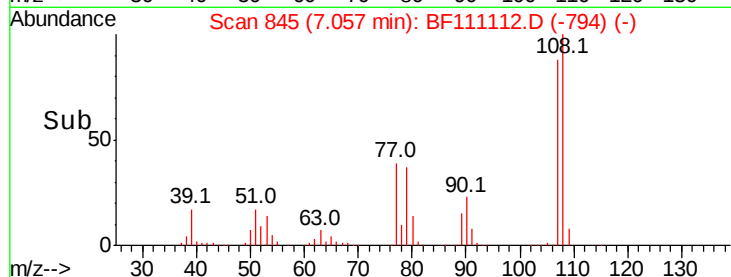
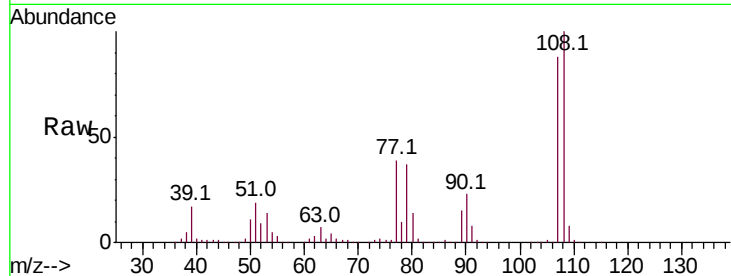
#17
2-Methylphenol
Concen: 38.169 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.2	91.8	137.8
77	44.6	34.7	52.1
79	42.2	34.2	51.2

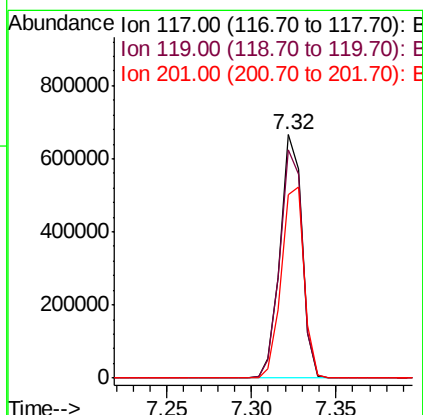
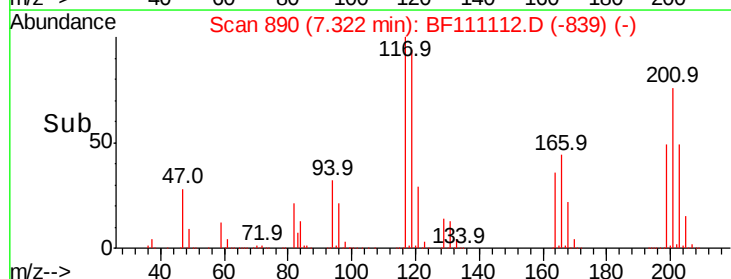
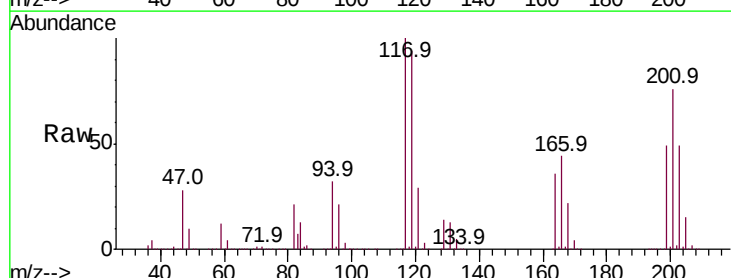
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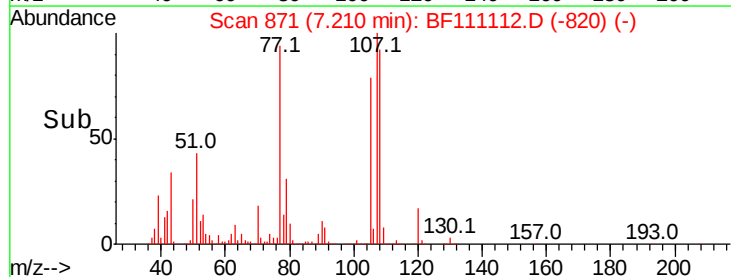
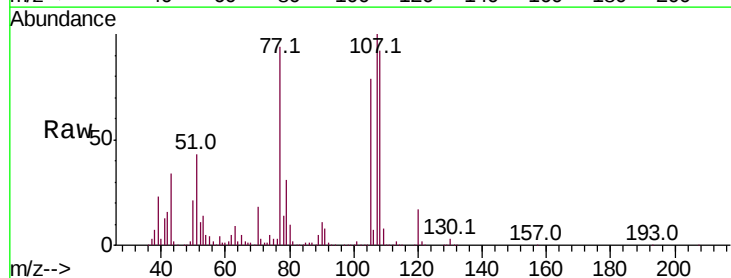
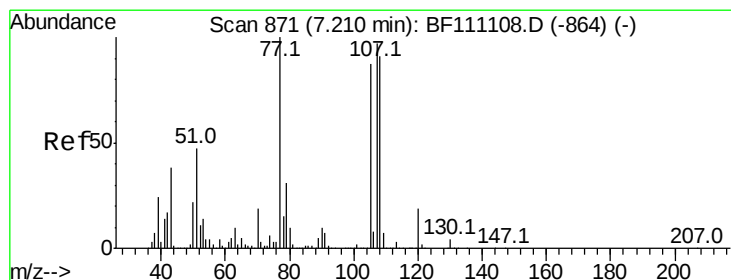
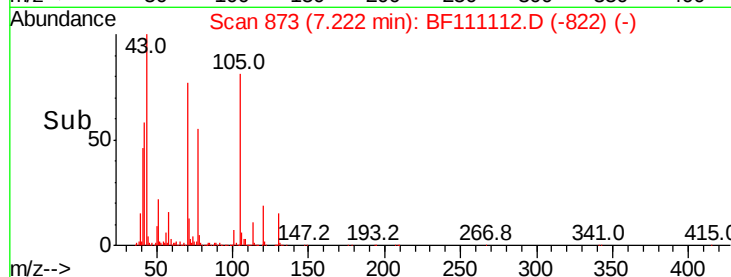
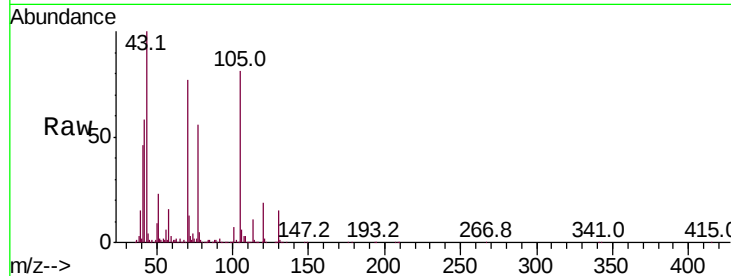
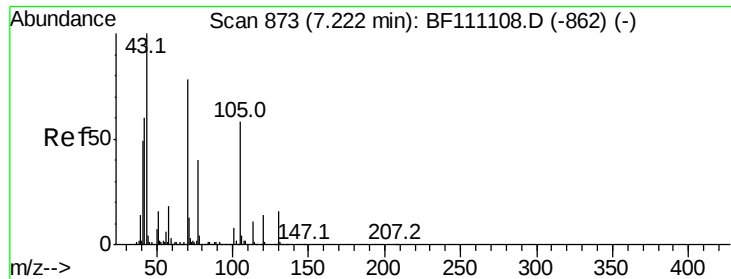
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#18
Hexachloroethane
Concen: 38.700 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	73.8	110.6
201	75.5	61.2	91.8





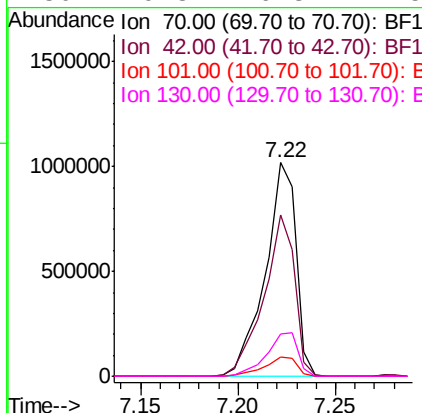
#19
n-Nitroso-di-n-propylamine
Concen: 38.361 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.7	61.3	91.9
101	9.1	7.7	11.5
130	19.8	16.3	24.5

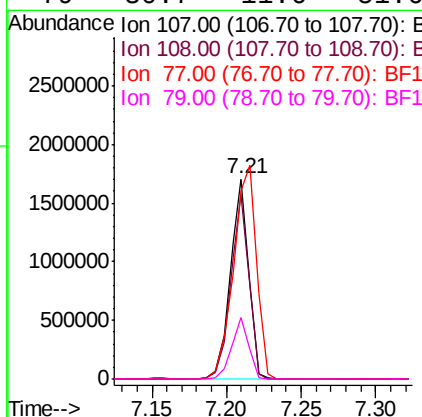
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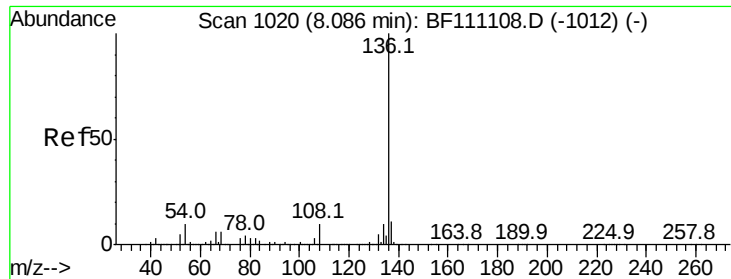
mohammad
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#20
3+4-Methylphenols
Concen: 38.223 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	74.0	114.0
77	94.1	83.2	123.2
79	30.7	11.6	51.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion:136 Resp: 2183952

Ion Ratio Lower Upper

136 100

137 11.7 9.0 13.6

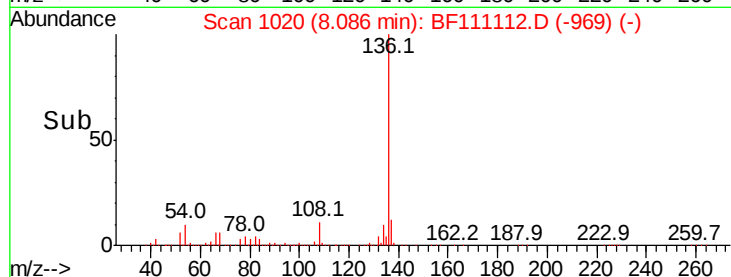
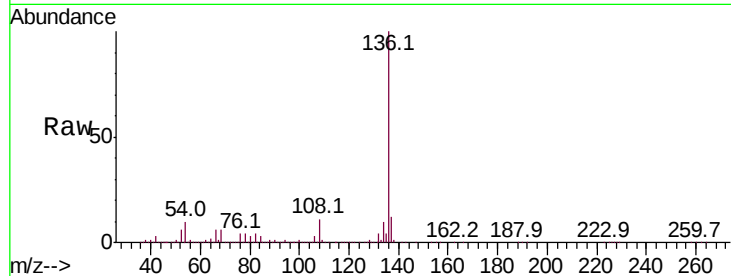
54 10.5 8.4 12.6

68 6.2 5.0 7.4

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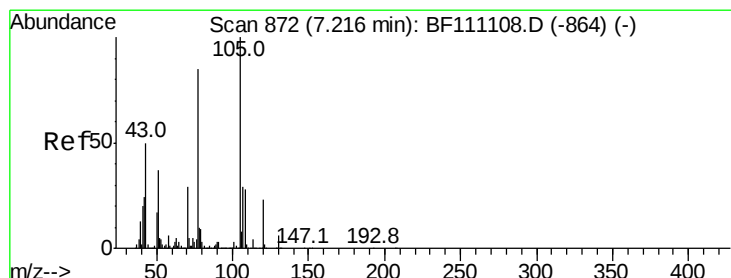
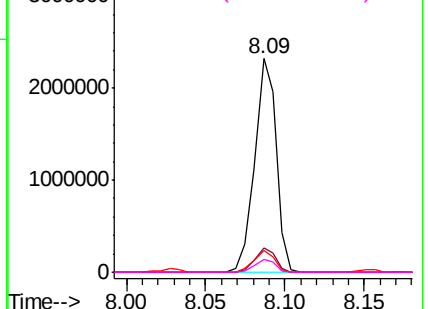


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.252 ng

RT: 7.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:105 Resp: 1966053

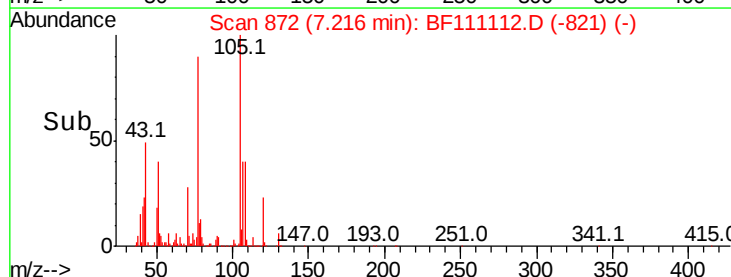
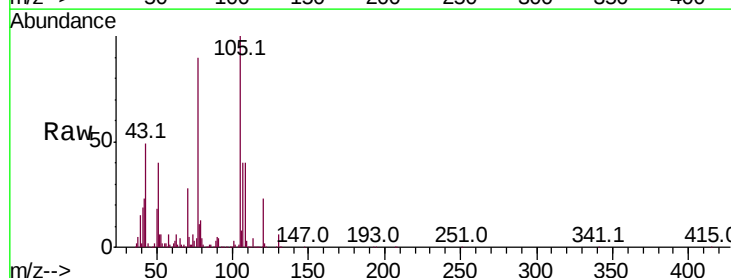
Ion Ratio Lower Upper

105 100

71 4.9 4.0 6.0

51 40.1 29.8 44.8

120 23.3 18.7 28.1

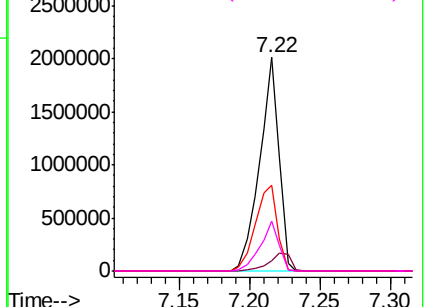


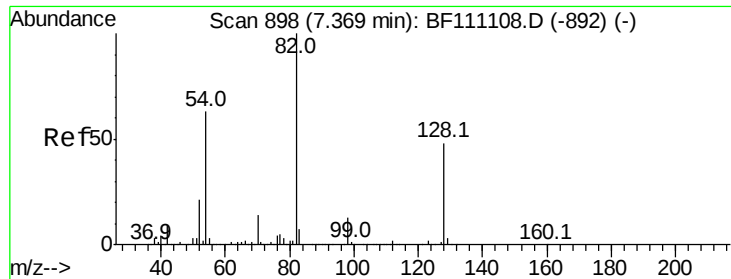
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





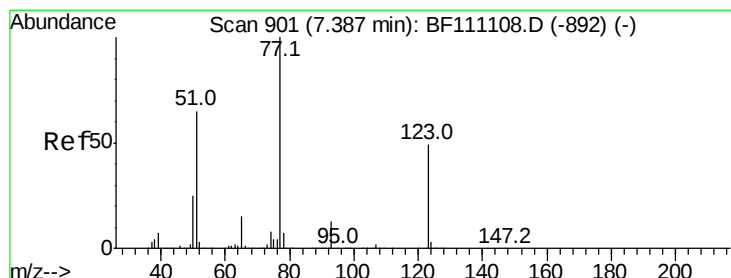
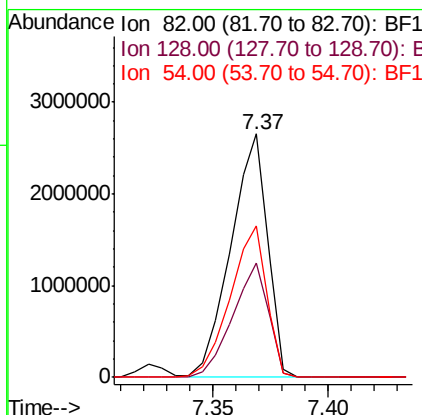
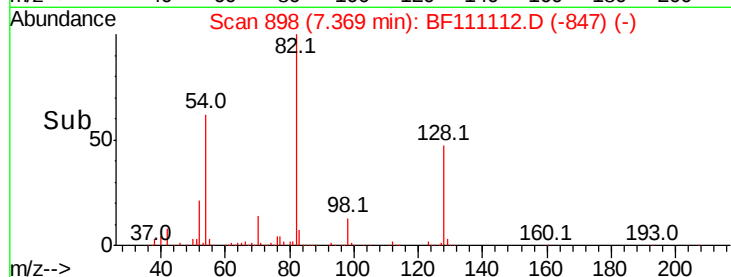
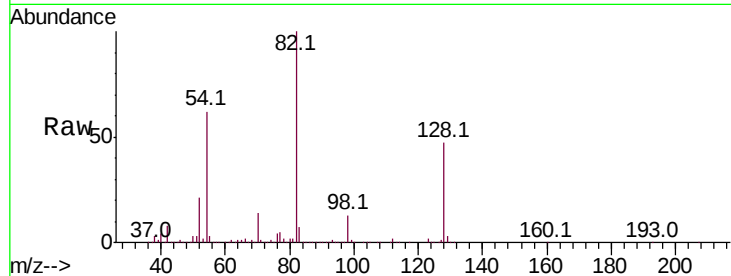
#23
Nitrobenzene-d5
Concen: 79.714 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.1	57.1
54	62.2	50.3	75.5

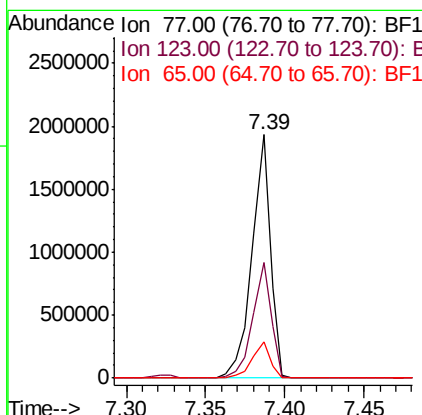
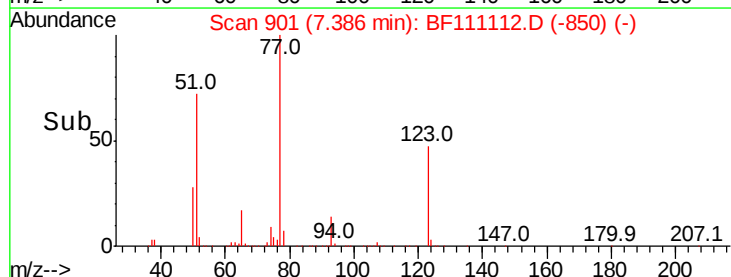
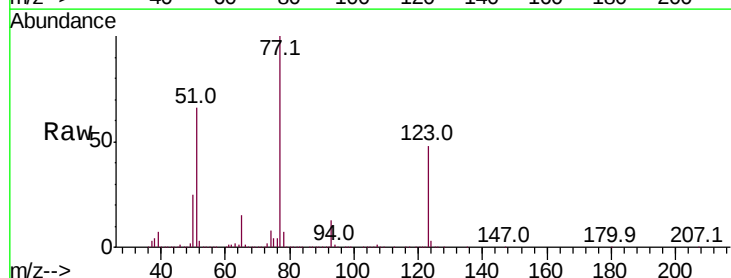
Manual Integrations
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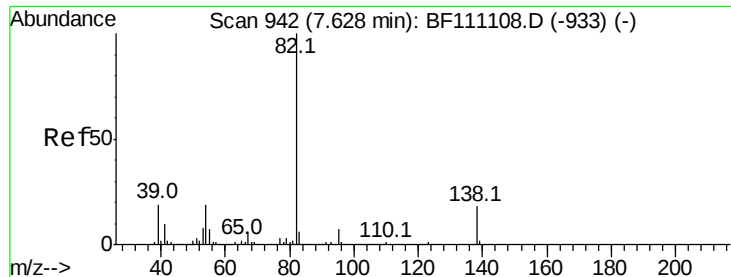
mohammad
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#24
Nitrobenzene
Concen: 39.254 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	39.5	59.3
65	15.1	11.8	17.6





#25

Isophorone

Concen: 37.539 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion: 82 Resp: 2541352

Ion Ratio Lower Upper

82 100

95 7.3 5.6 8.4

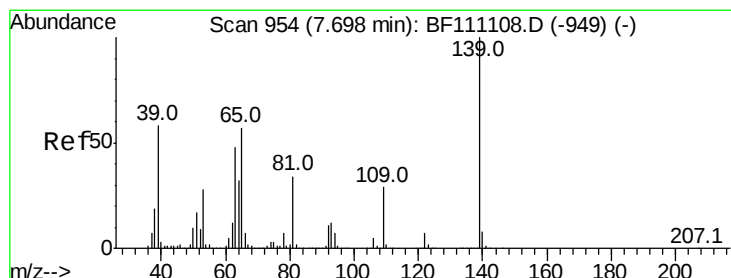
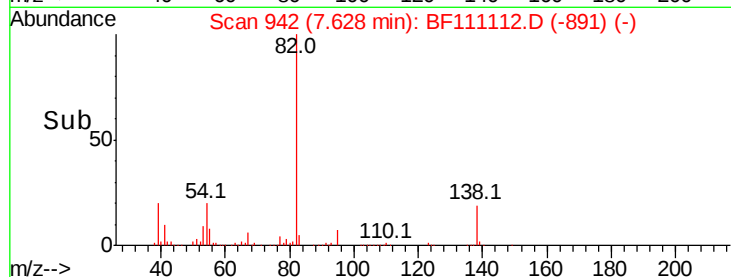
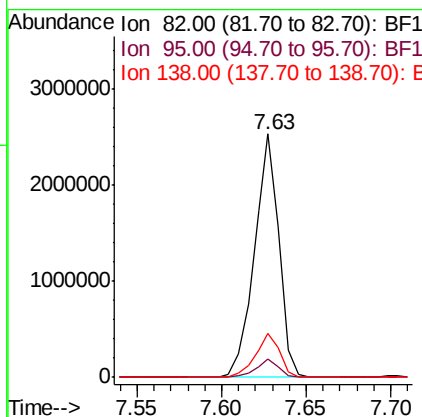
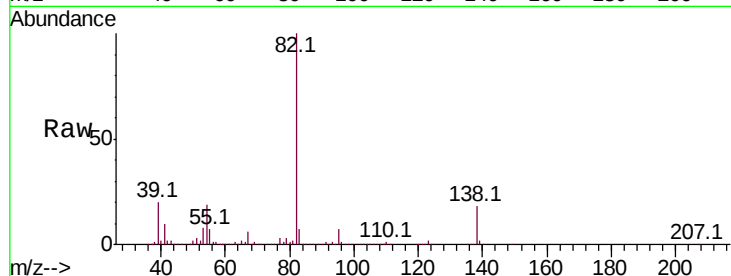
138 18.2 14.6 22.0

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.276 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

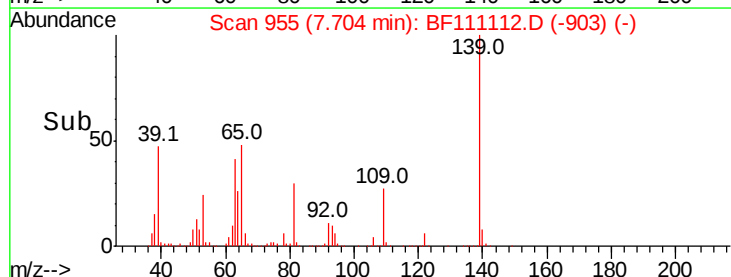
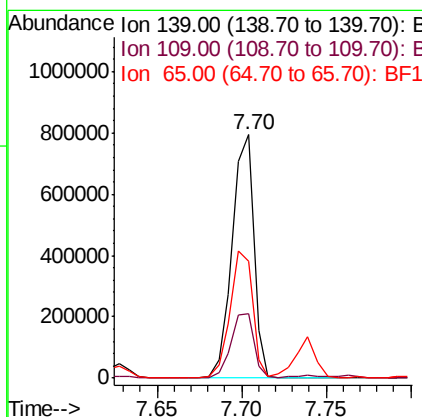
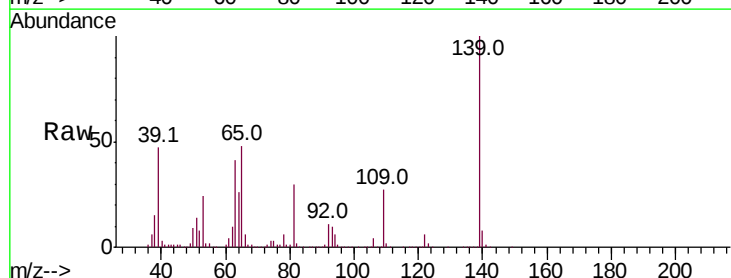
Tgt Ion: 139 Resp: 708913

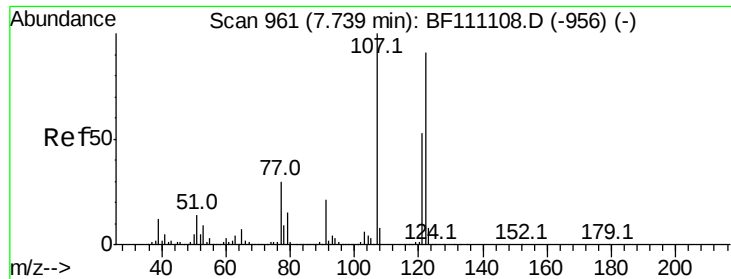
Ion Ratio Lower Upper

139 100

109 26.7 23.1 34.7

65 48.0 45.9 68.9





#27

2,4-Dimethylphenol

Concen: 37.750 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

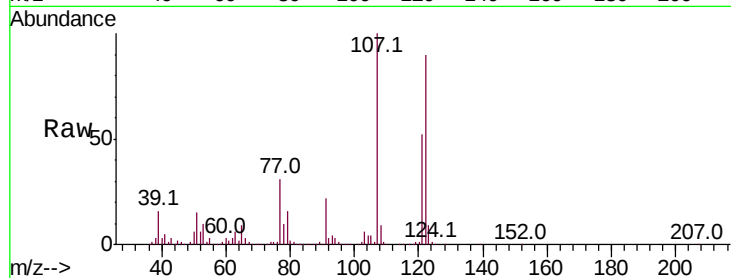
ClientSampleId :

ICVBF120518

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.6	87.4	131.0
121	57.9	45.9	68.9

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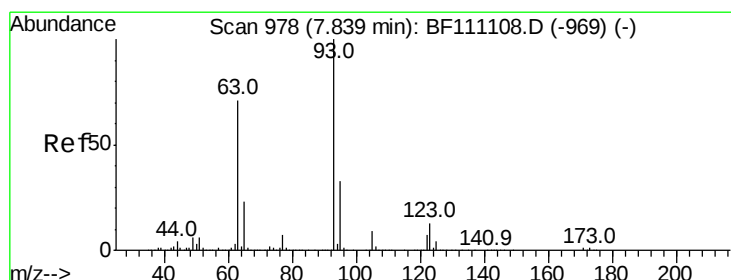
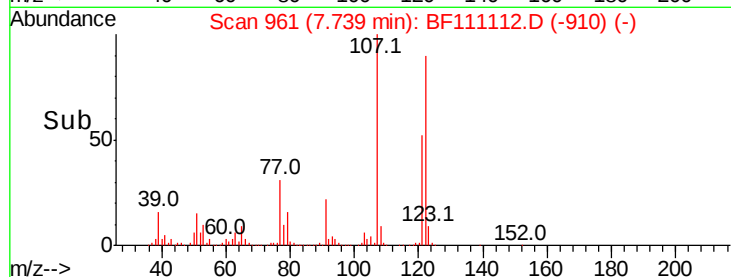
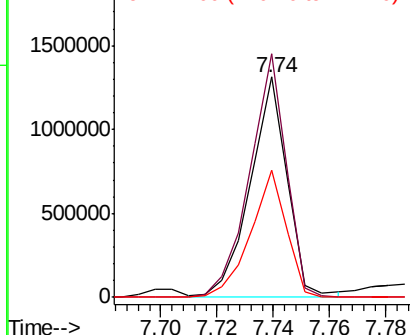


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.795 ng

RT: 7.84 min Scan# 978

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

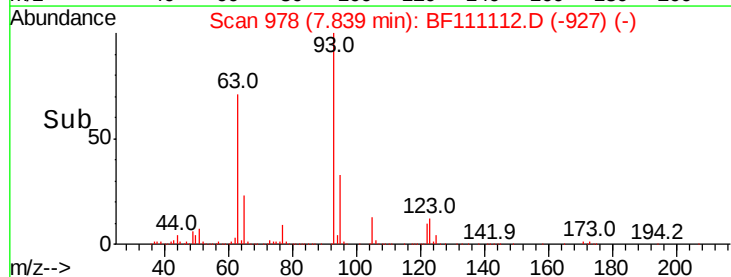
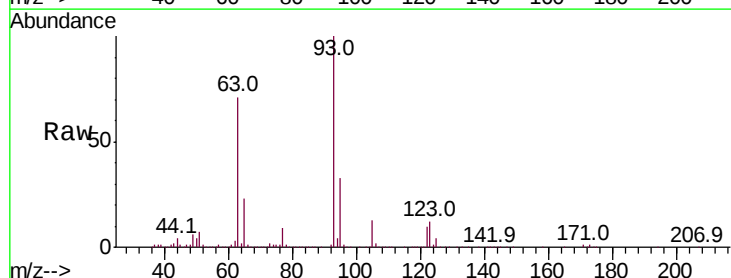
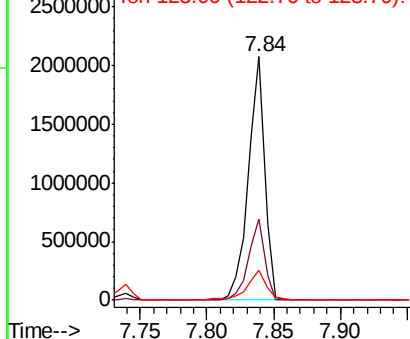
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.6	39.8
123	12.1	10.3	15.5

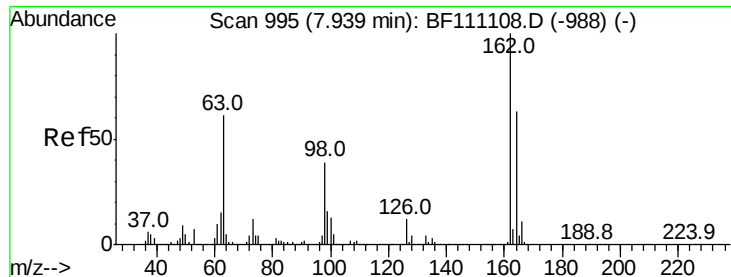
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





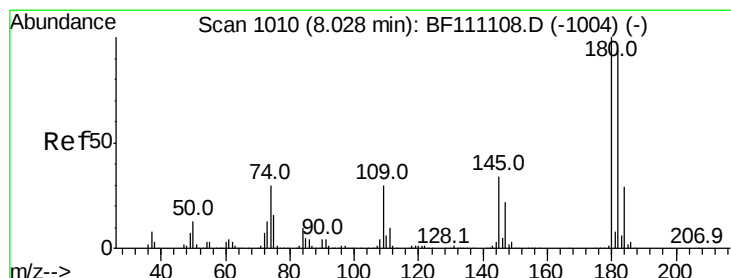
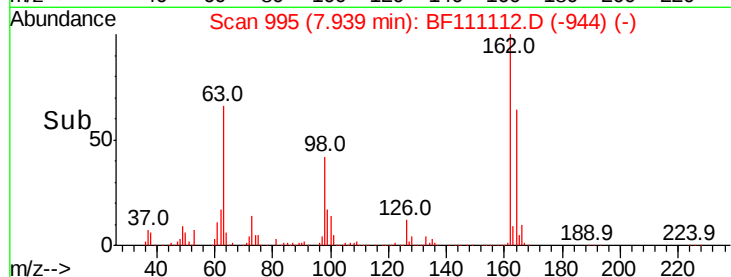
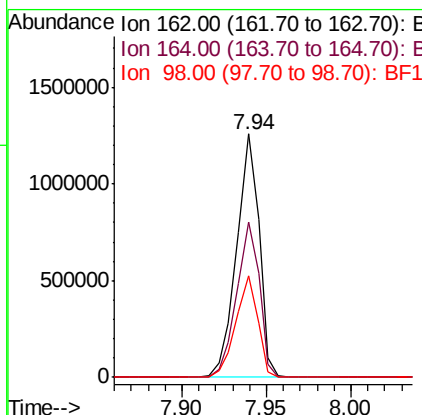
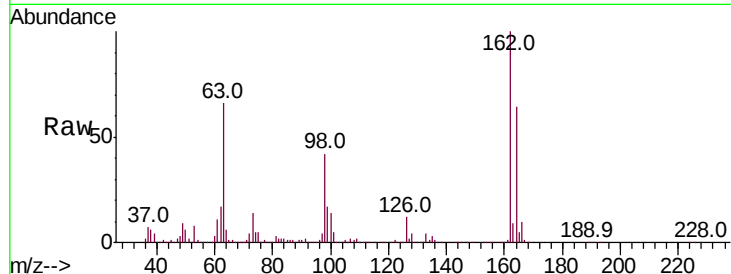
#29
2,4-Dichlorophenol
Concen: 37.573 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	43.3	83.3
98	41.9	18.9	58.9

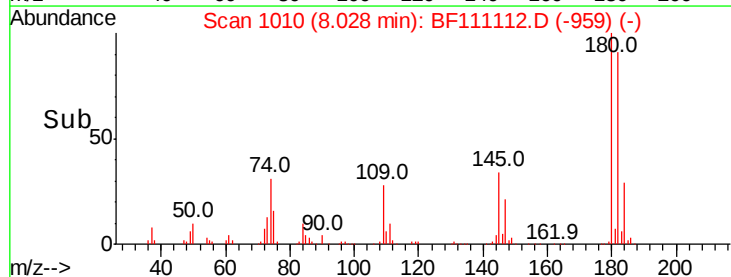
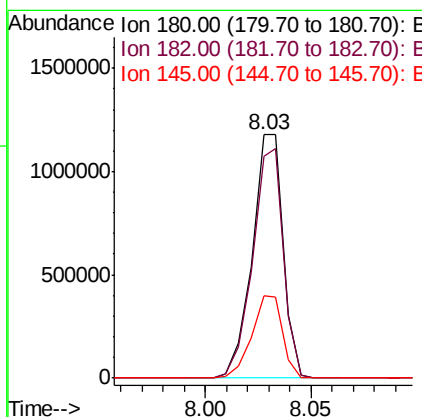
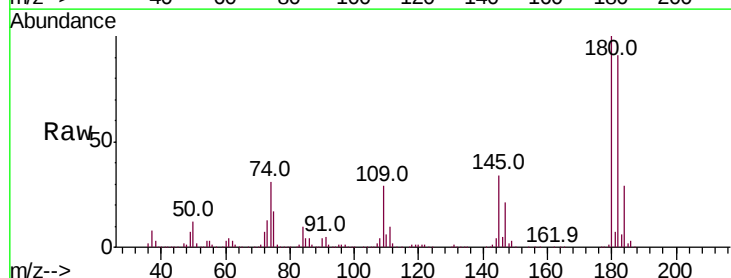
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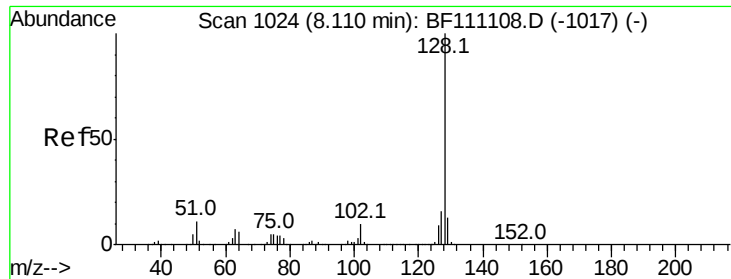
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#30
1,2,4-Trichlorobenzene
Concen: 38.228 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.1	75.1	112.7
145	33.7	27.6	41.4





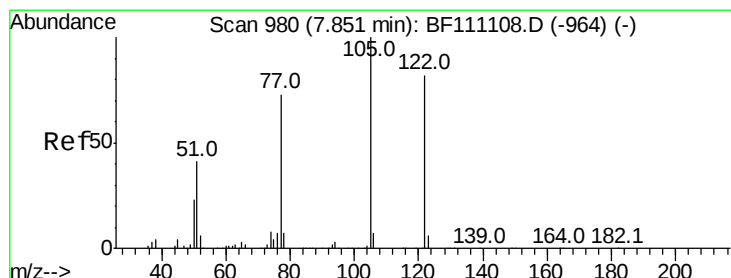
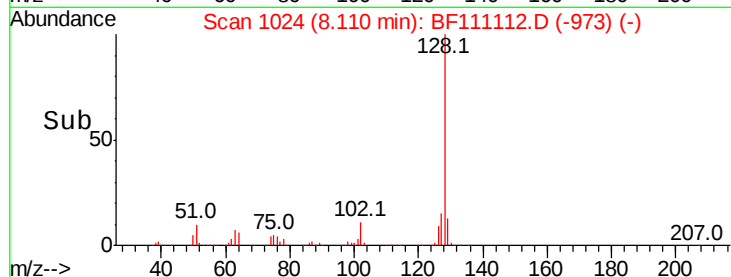
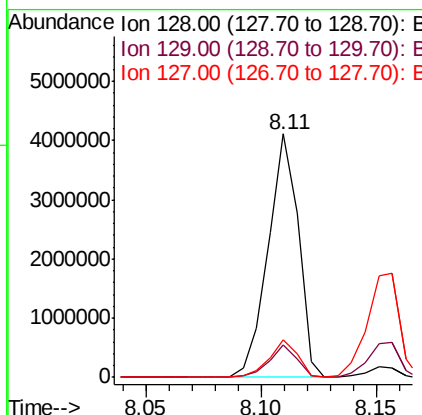
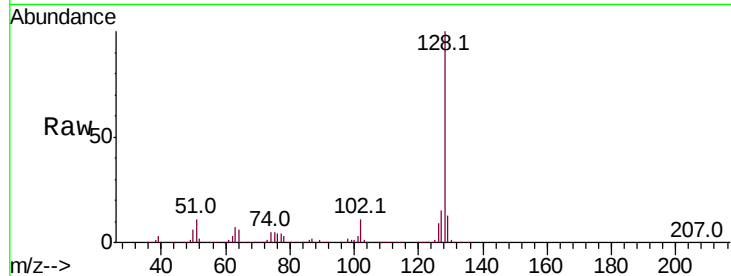
#31
Naphthalene
Concen: 39.418 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampled :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
128	100		
129	13.1	10.5	15.7
127	15.3	12.5	18.7

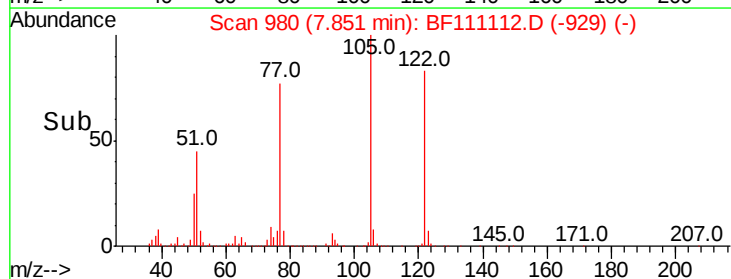
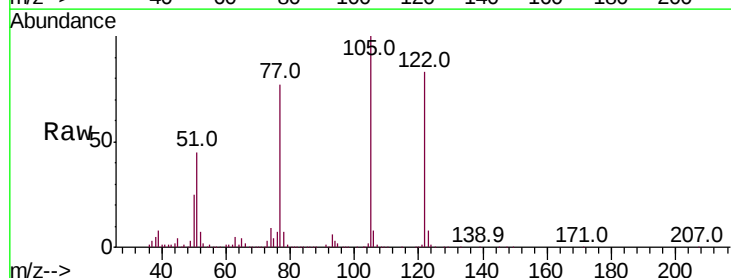
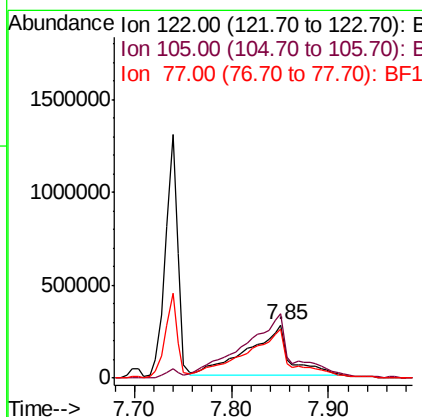
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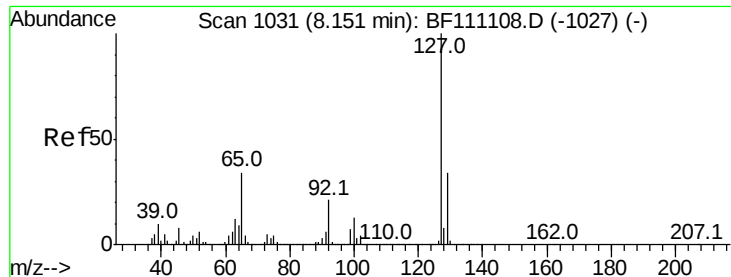
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#32
Benzoic acid
Concen: 38.712 ng m
RT: 7.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	100.1	140.1
77	92.7	69.4	109.4





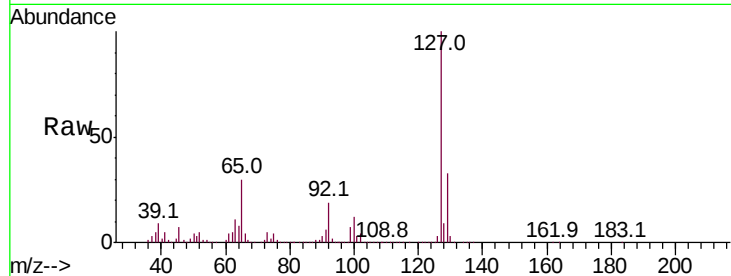
#33
4-Chloroaniline
Concen: 37.427 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.6
65	30.5	27.2	40.8
92	18.8	16.6	24.8

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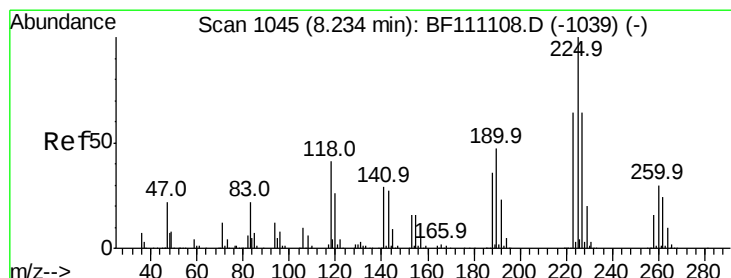
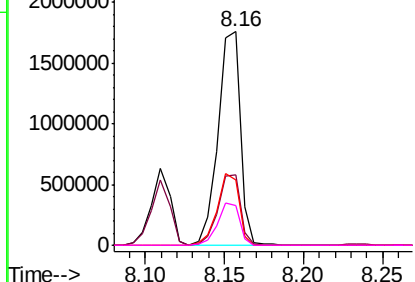
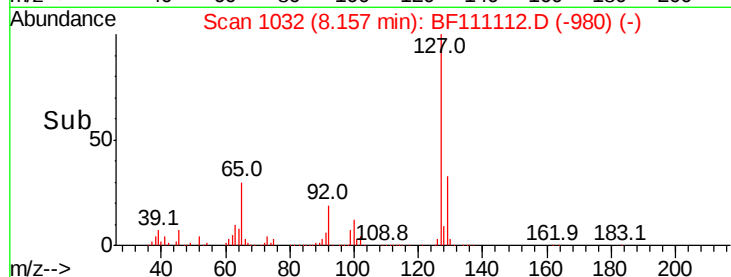
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

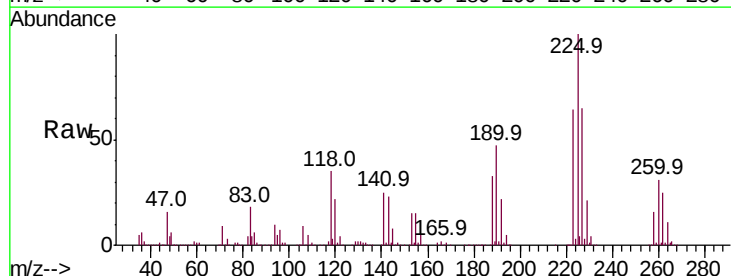
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 37.753 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	65.2	51.0	76.4

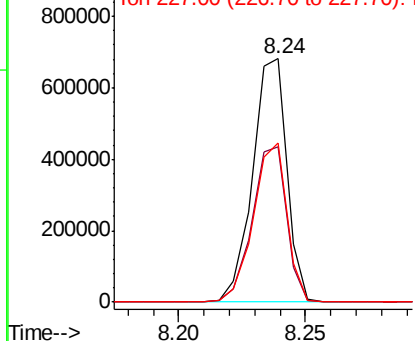
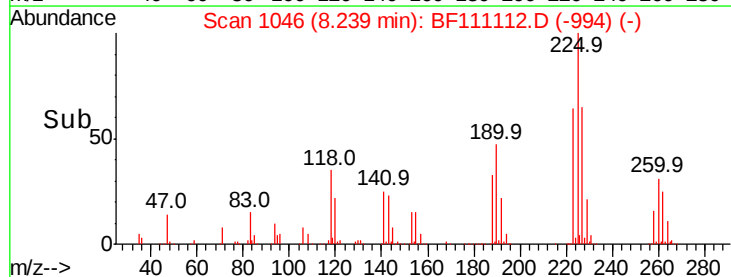


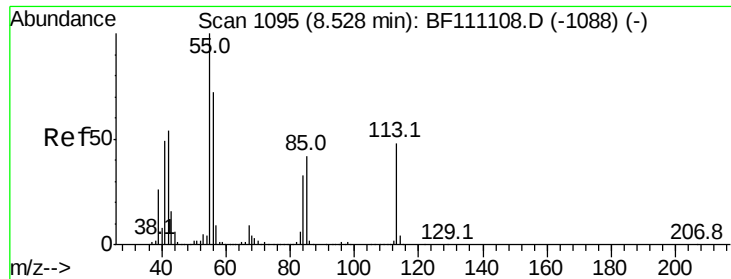
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





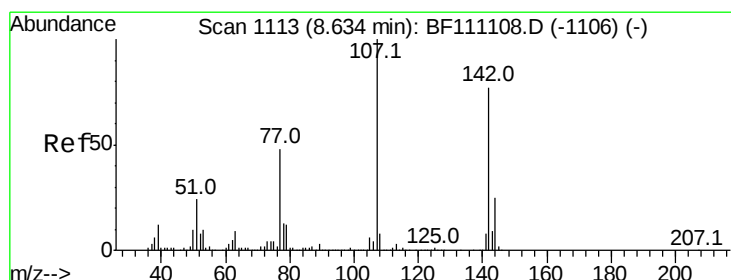
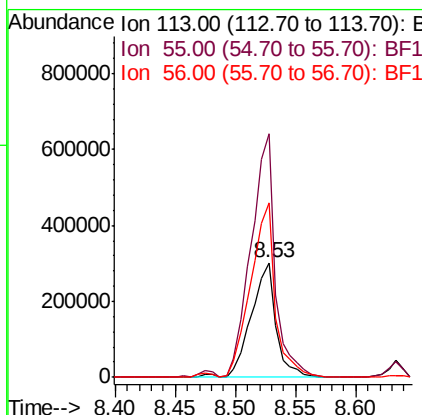
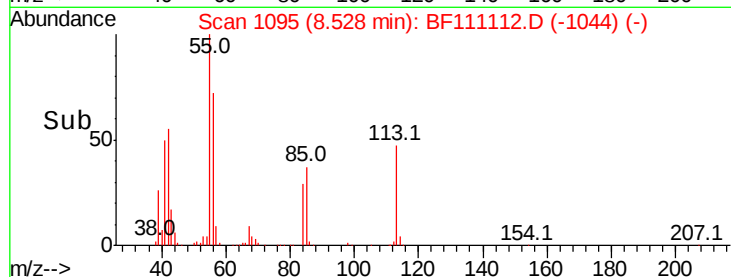
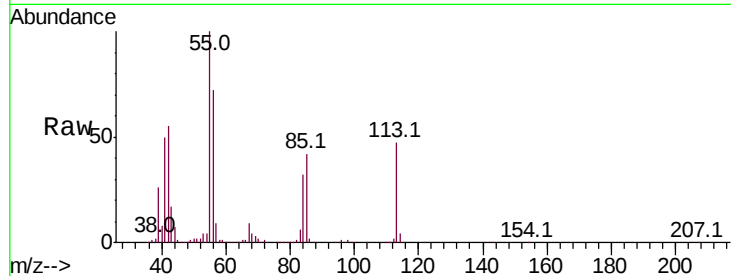
#35
Caprolactam
Concen: 38.401 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleID :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
113	100		
55	212.3	190.6	230.6
56	151.9	130.9	170.9

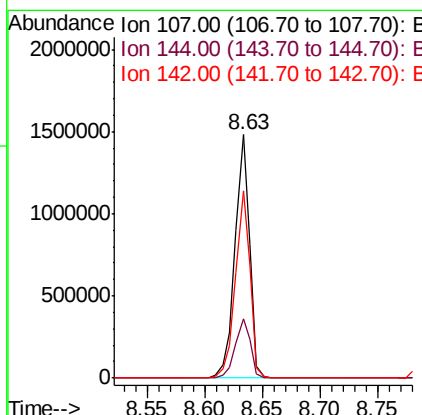
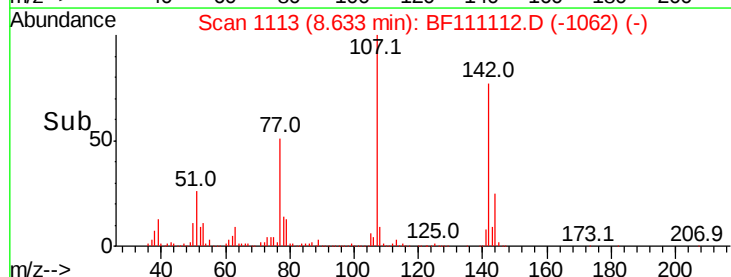
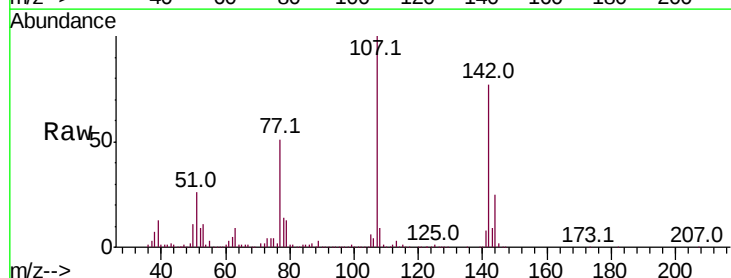
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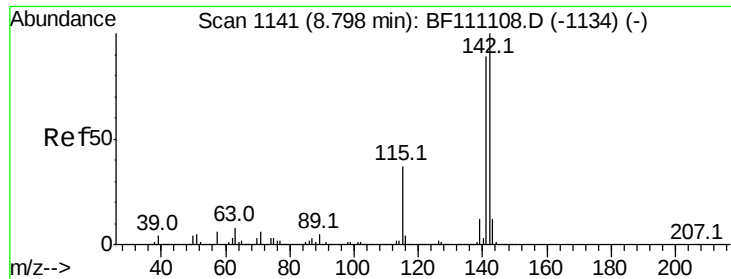
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#36
4-Chloro-3-methylphenol
Concen: 38.168 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.9	29.9
142	76.7	61.4	92.0





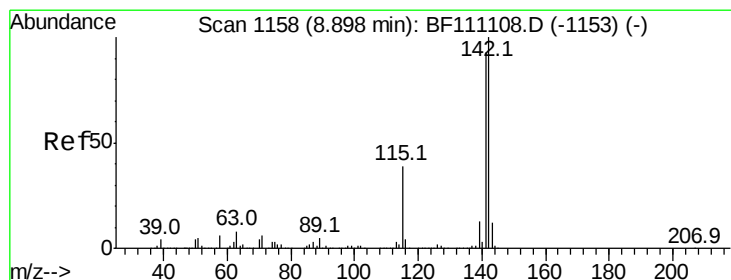
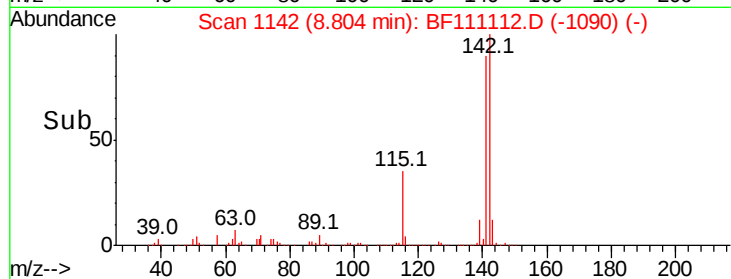
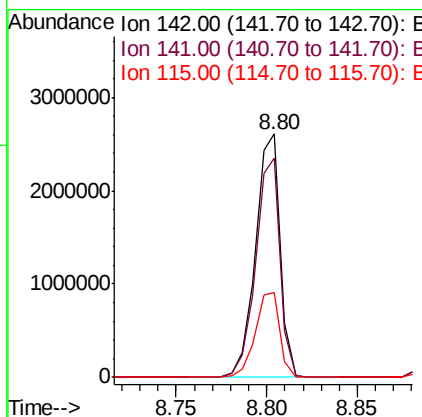
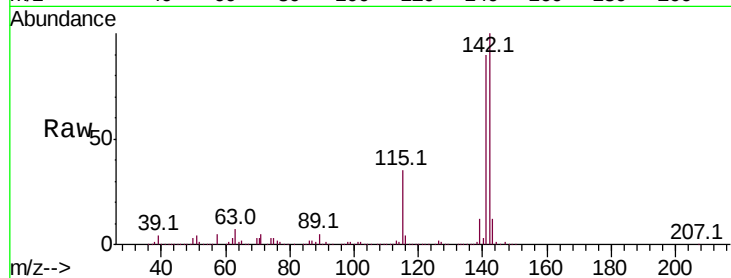
#37
2-Methylnaphthalene
Concen: 37.425 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion:142 Resp: 2454699
Ion Ratio Lower Upper
142 100
141 90.1 71.4 107.0
115 35.1 29.2 43.8

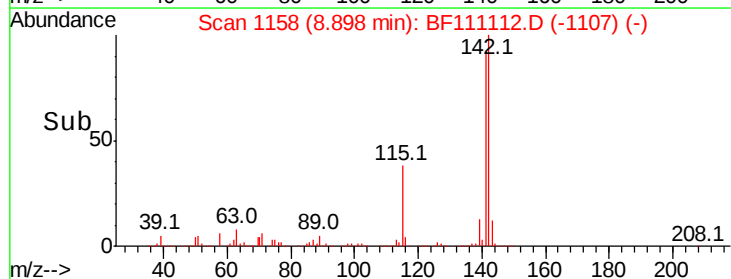
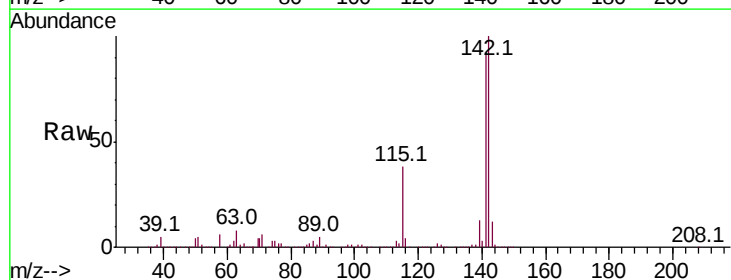
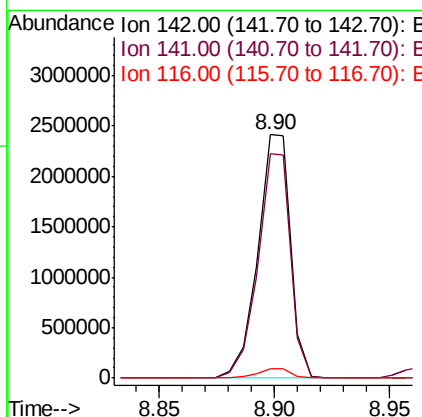
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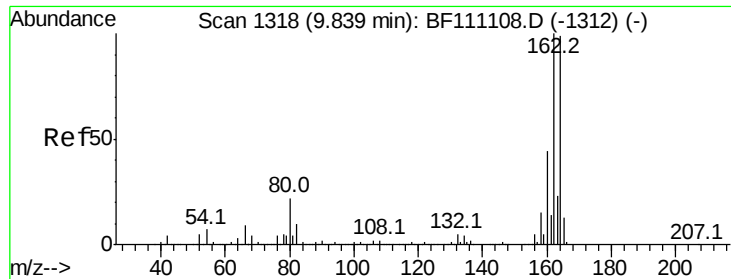
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#38
1-Methylnaphthalene
Concen: 37.688 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion:142 Resp: 2376571
Ion Ratio Lower Upper
142 100
141 92.1 74.5 111.7
116 4.1 3.2 4.8





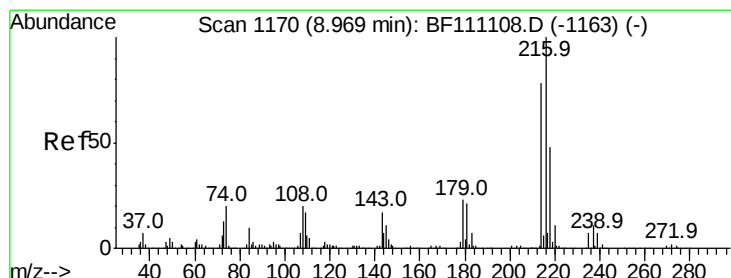
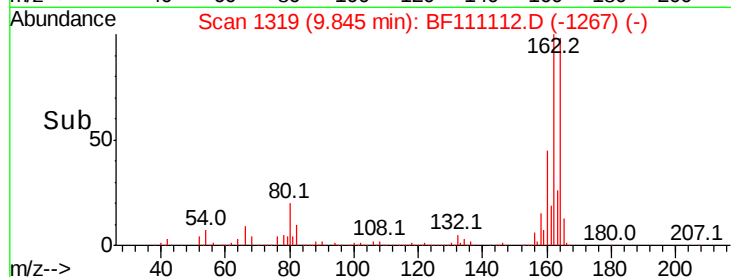
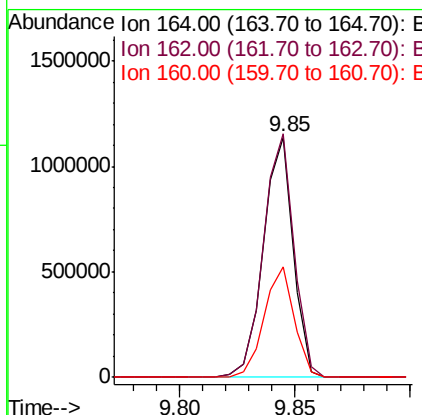
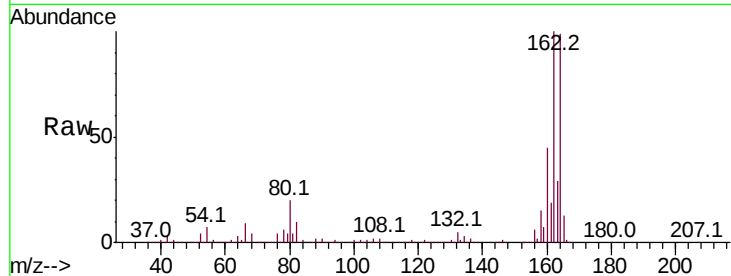
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampled :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.6	120.8
160	45.9	35.5	53.3

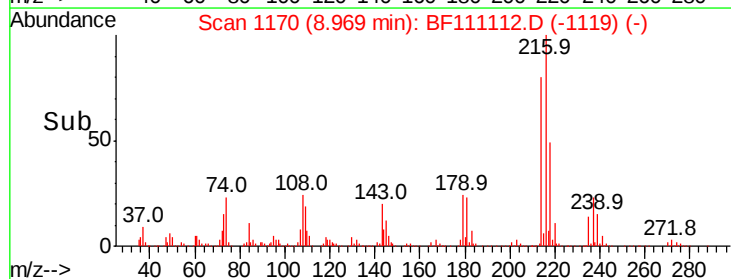
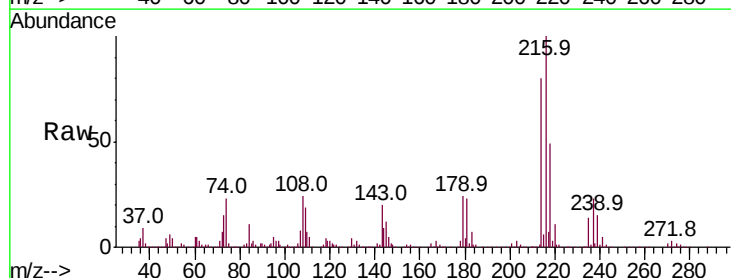
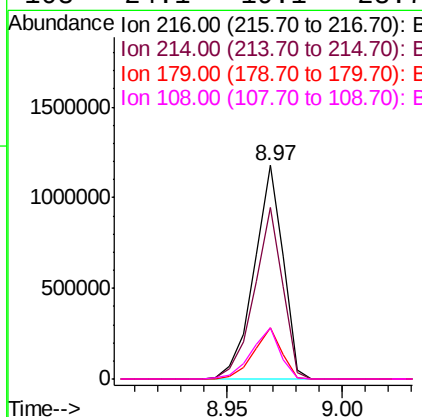
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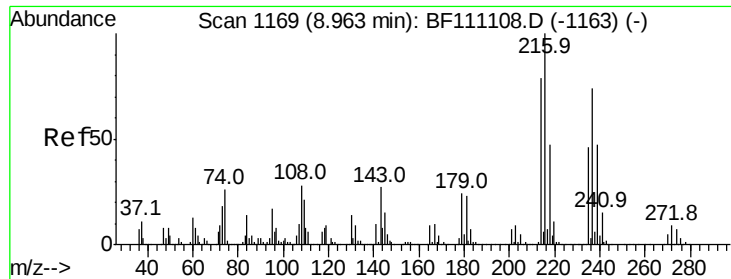
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.814 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.0
179	23.1	18.5	27.7
108	24.1	19.1	28.7





#41

Hexachlorocyclopentadiene

Concen: 38.465 ng

RT: 8.96 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

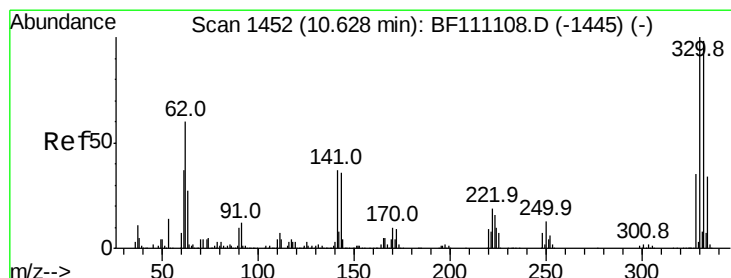
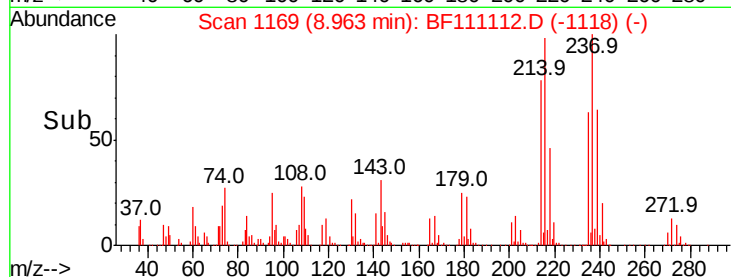
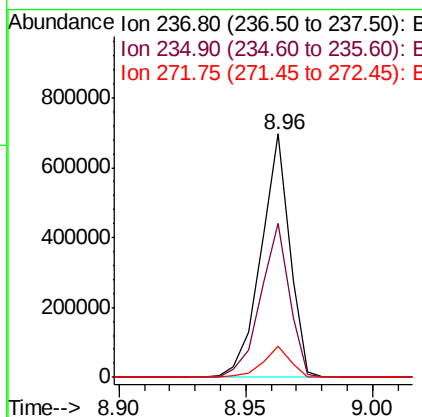
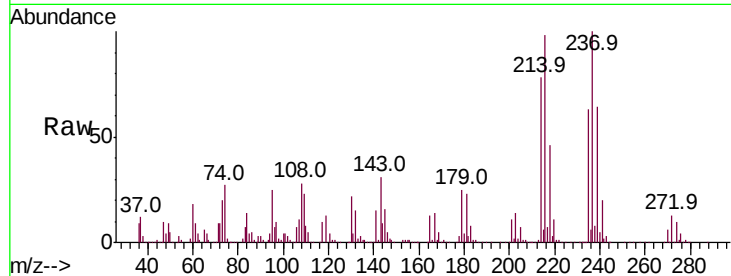
ClientSampleId :

ICVBF120518

Tot Ion:	237	Resp:	552739
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.9	81.9
272	12.6	0.0	32.7

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#42

2,4,6-Tribromophenol

Concen: 78.072 ng

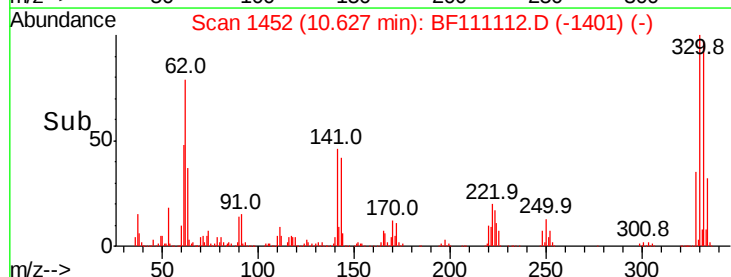
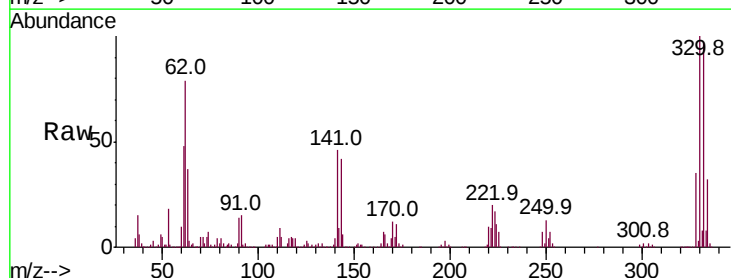
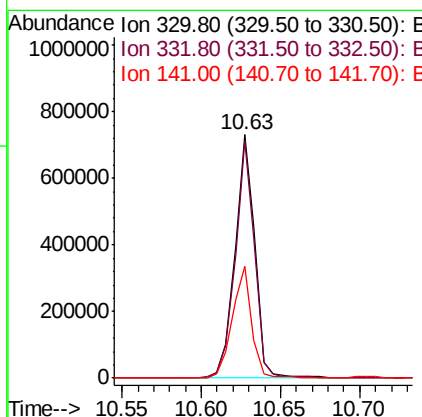
RT: 10.63 min Scan# 1452

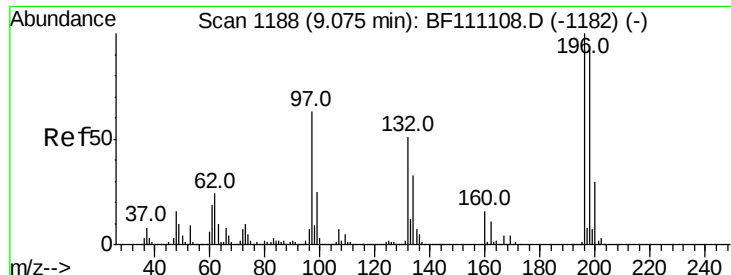
Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:	330	Resp:	634551
Ion Ratio	Lower	Upper	
330	100		
332	95.2	77.2	115.8
141	45.1	36.1	54.1





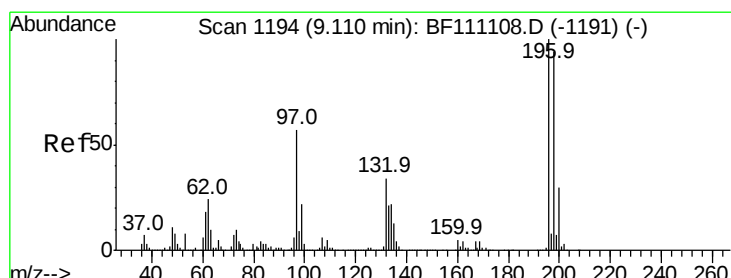
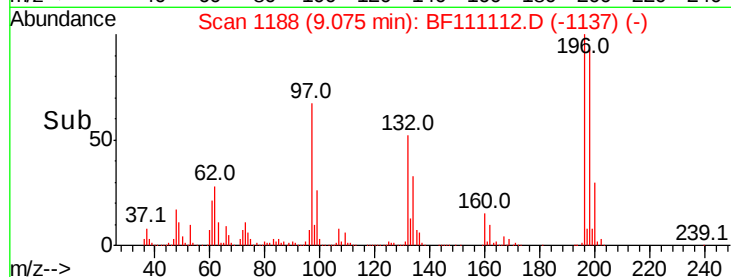
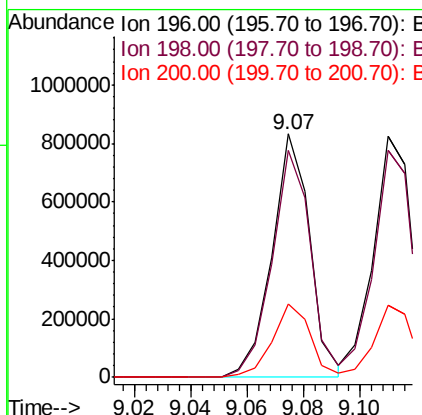
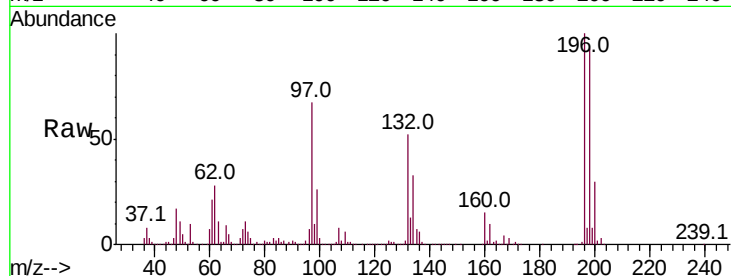
#43
 2,4,6-Trichlorophenol
 Concen: 38.870 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleID :
 ICVBF120518

Tot Ion	Ratio	Resp	Lower	Upper
196	100	773662		
198	93.1	75.4	113.0	
200	29.9	24.2	36.4	

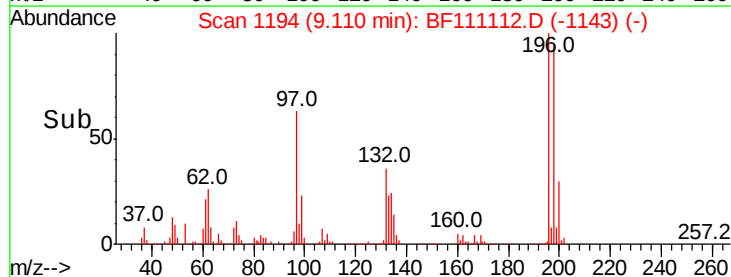
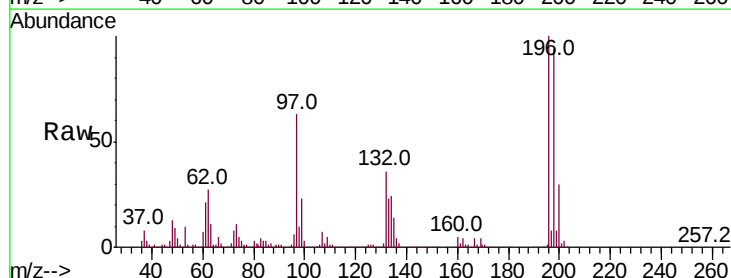
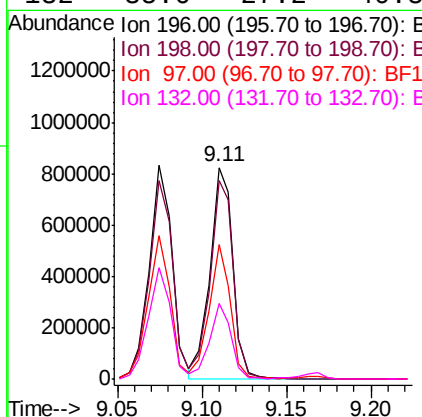
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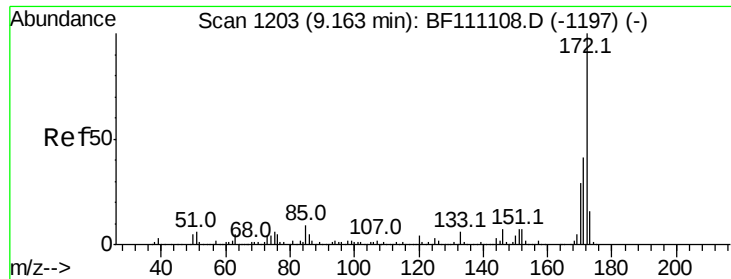
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#44
 2,4,5-Trichlorophenol
 Concen: 38.758 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	781992		
198	93.9	75.0	112.4	
97	63.4	46.2	69.4	
132	35.6	27.2	40.8	





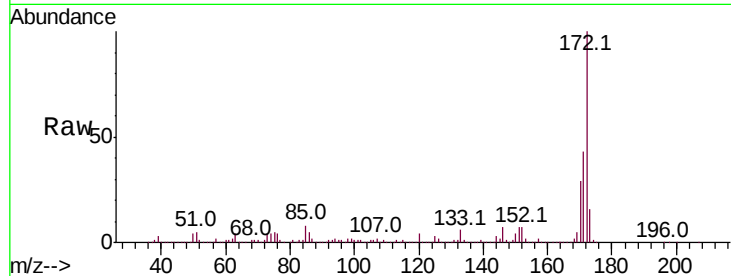
#45
2-Fluorobiphenyl
Concen: 81.472 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

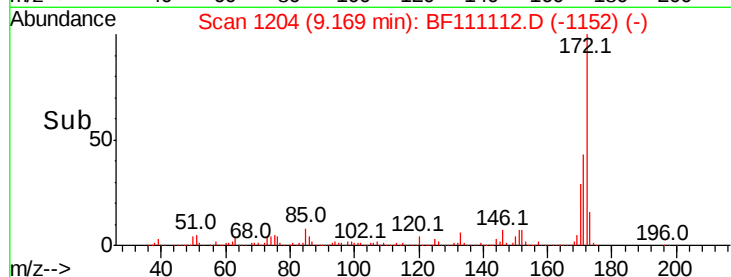
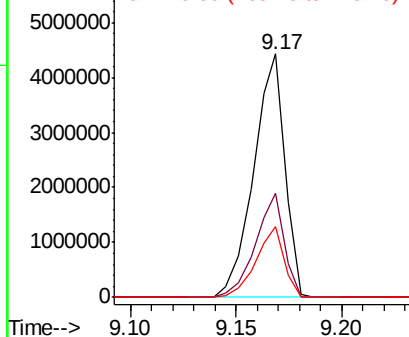
Tot Ion:172 Resp: 4533414
Ion Ratio Lower Upper
172 100
171 42.9 33.2 49.8
170 29.1 22.9 34.3

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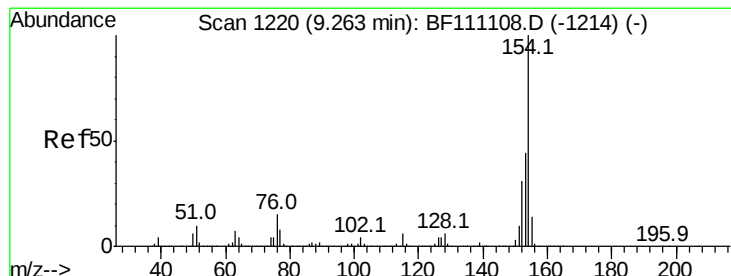


Abundance Ion 172.00 (171.70 to 172.70): E
6000000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

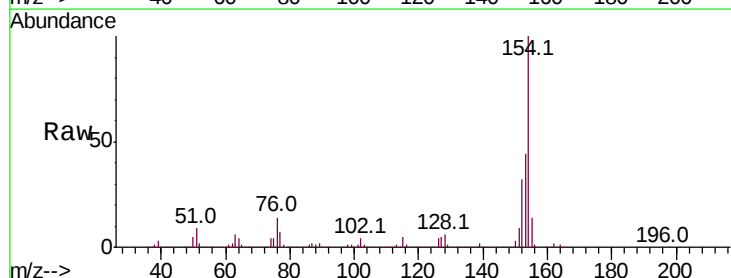
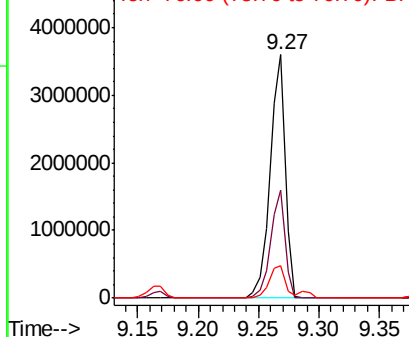


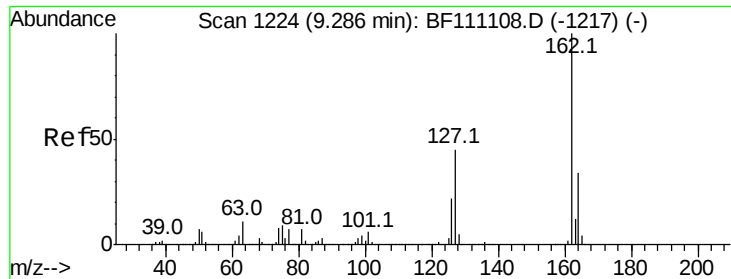
#46
1,1'-Biphenyl
Concen: 37.640 ng
RT: 9.27 min Scan# 1221
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion:154 Resp: 3150654
Ion Ratio Lower Upper
154 100
153 44.3 23.7 63.7
76 13.6 0.0 35.0



Abundance Ion 154.00 (153.70 to 154.70): E
5000000
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





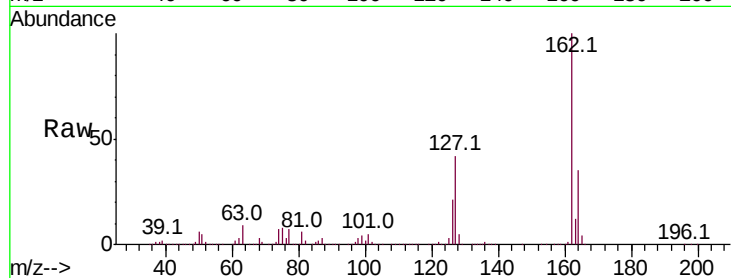
#47
2-Chloronaphthalene
Concen: 37.981 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.1	36.4	54.6
164	35.3	27.3	40.9

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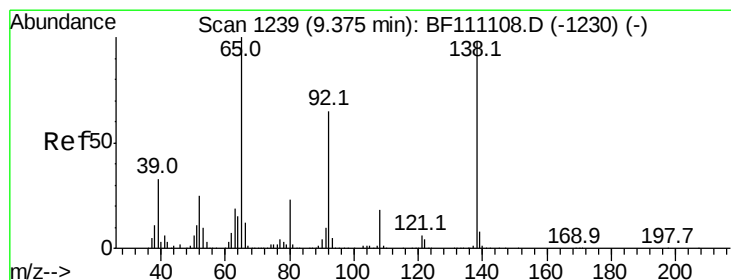
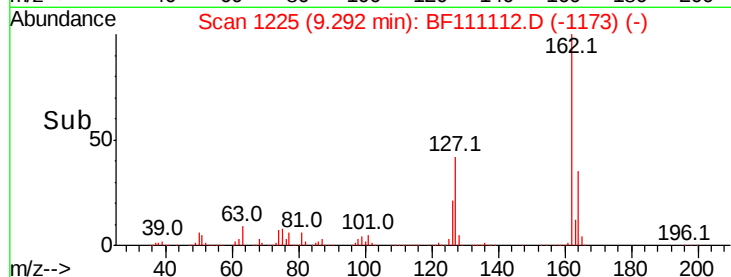
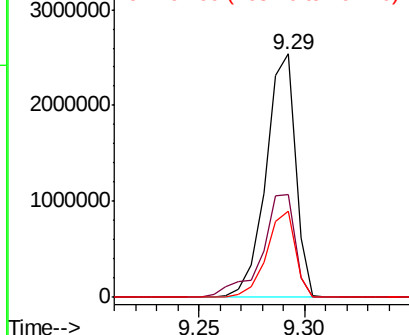


Abundance

Ion 162.00 (161.70 to 162.70): E

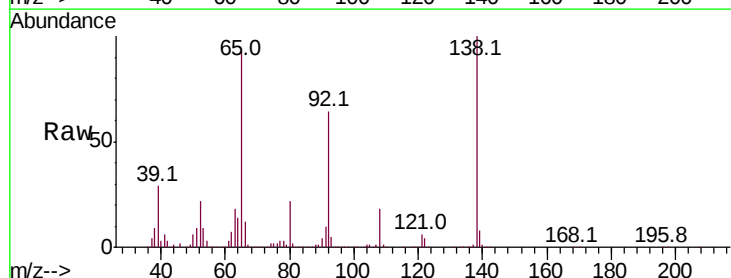
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.527 ng
RT: 9.38 min Scan# 1240
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	52.1	78.1
138	107.8	78.2	117.4

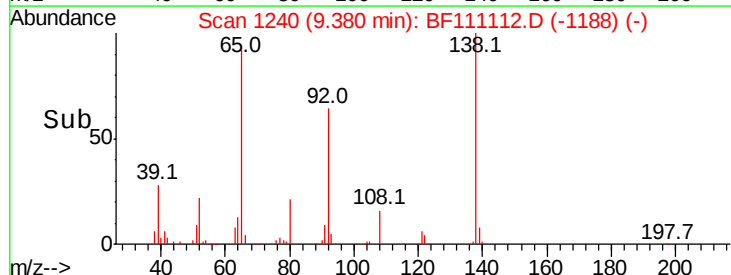
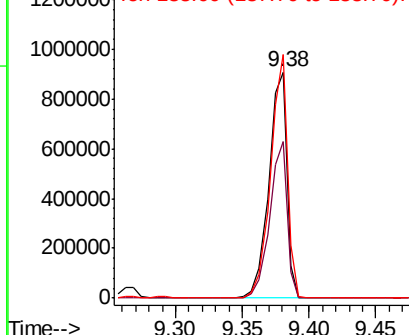


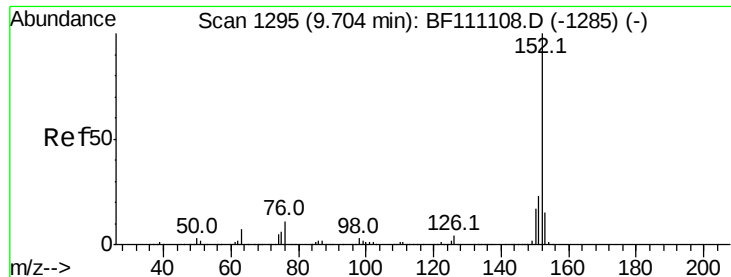
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





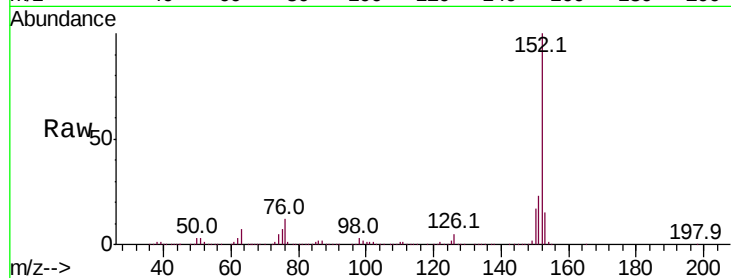
#49
Acenaphthylene
Concen: 39.307 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

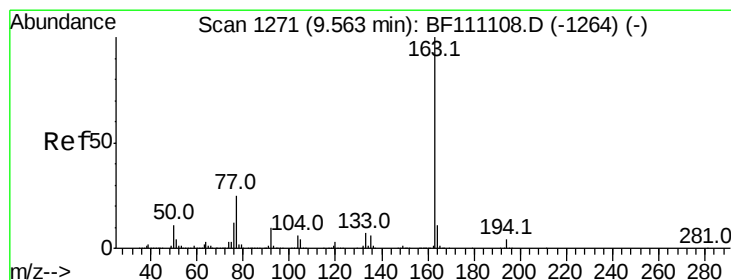
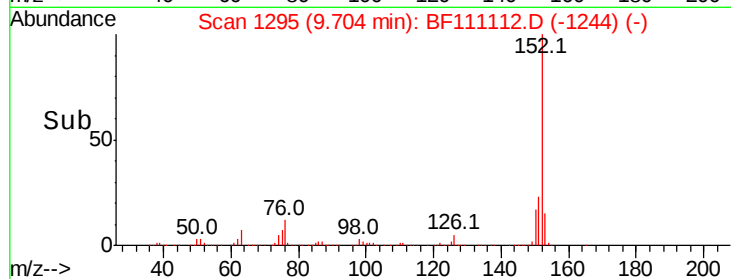
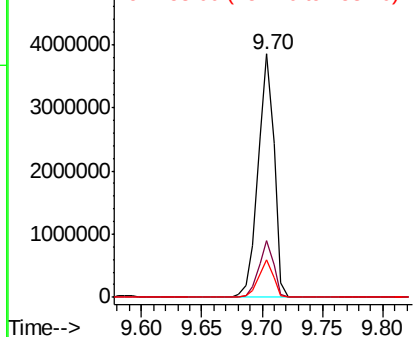
Tot Ion	Ratio	Lower	Upper
152	100		
151	23.3	18.3	27.5
153	15.2	11.8	17.8

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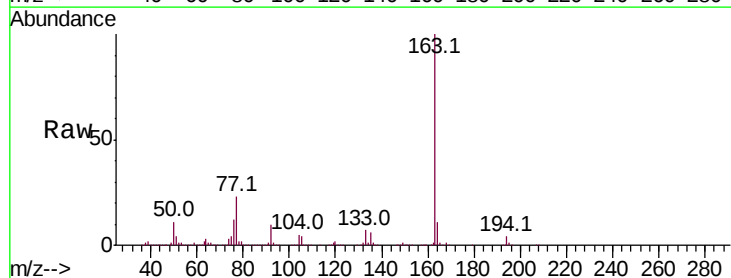


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

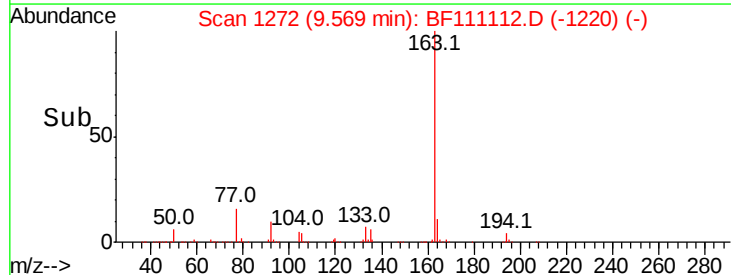
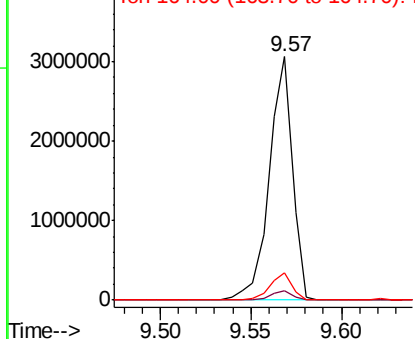


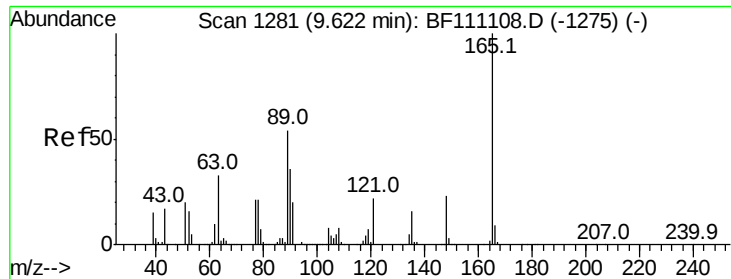
#50
Dimethylphthalate
Concen: 38.201 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	11.0	8.9	13.3



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





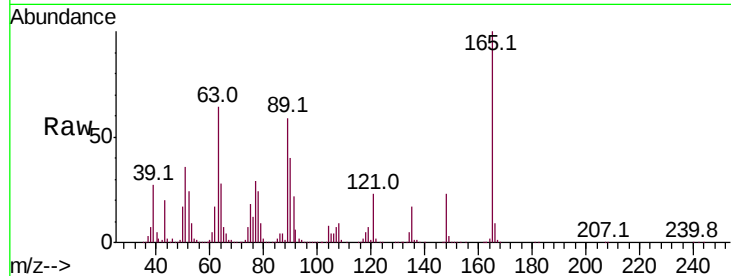
#51
2,6-Dinitrotoluene
Concen: 41.468 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Resp	Lower	Upper
165	100	625650		
63	64.5	44.7	67.1	
89	59.1	43.0	64.4	

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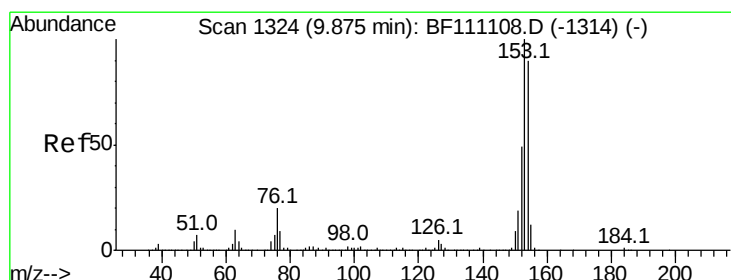
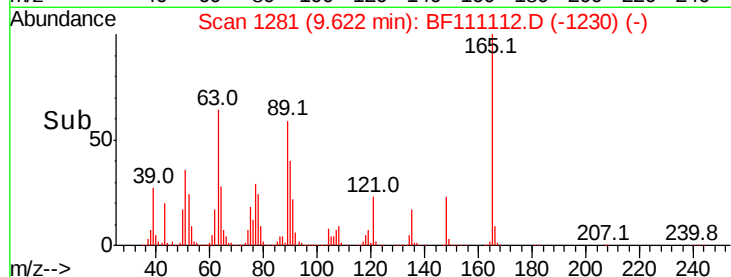
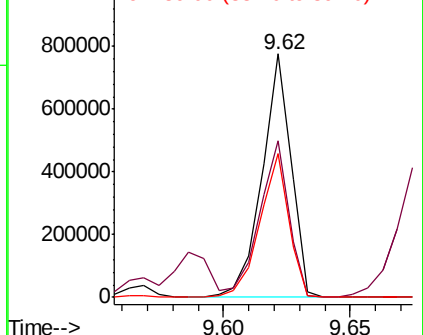


Abundance

Ion 165.00 (164.70 to 165.70): E

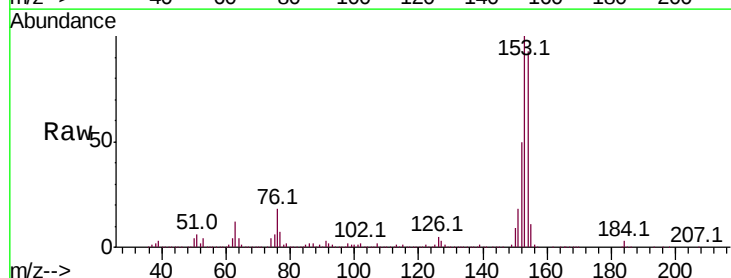
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 37.788 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2269754		
153	108.0	88.7	133.1	
152	54.1	43.8	65.8	

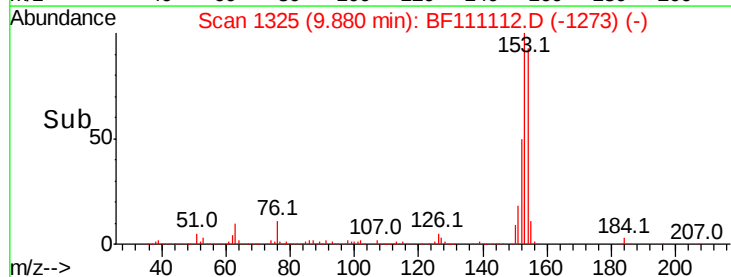
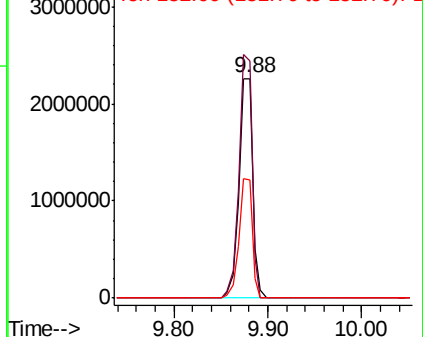


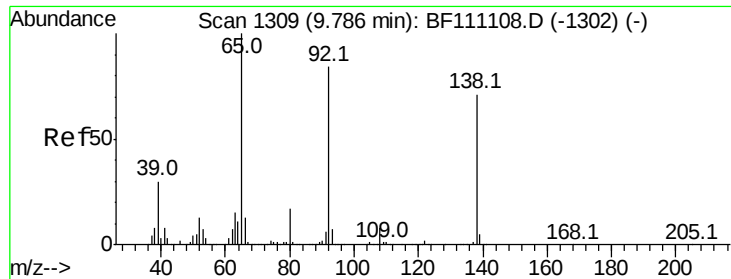
Abundance

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





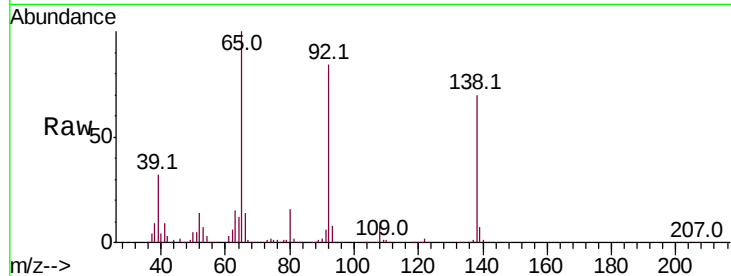
#53
3-Nitroaniline
Concen: 40.178 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.4	14.0
92	120.3	94.1	141.1

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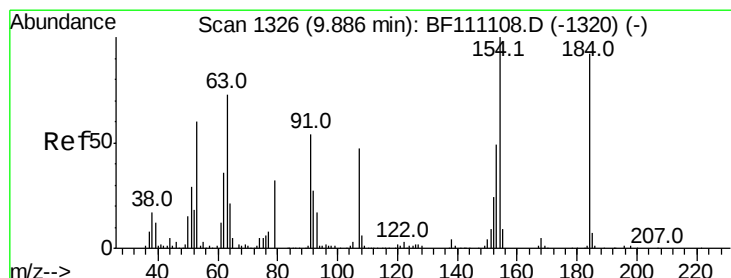
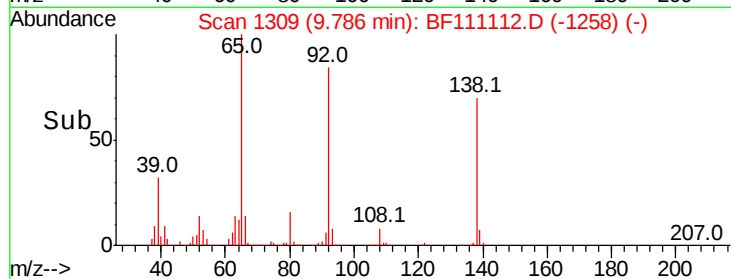
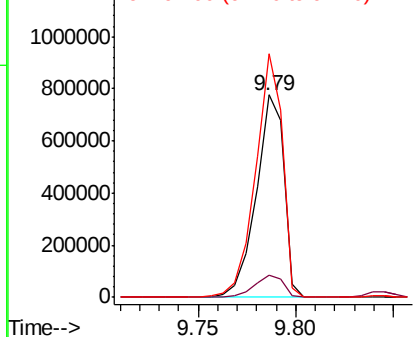


Abundance

Ion 138.00 (137.70 to 138.70): E

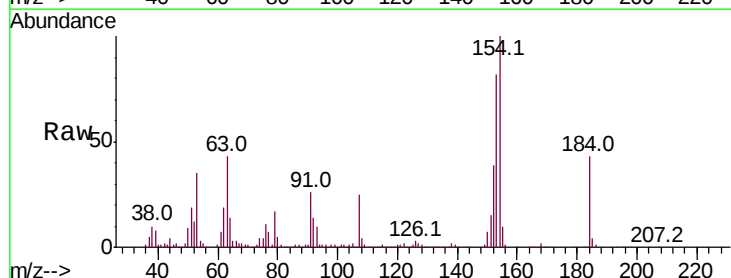
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 38.425 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	100.1	64.2	96.4#
154	234.8	89.5	134.3#

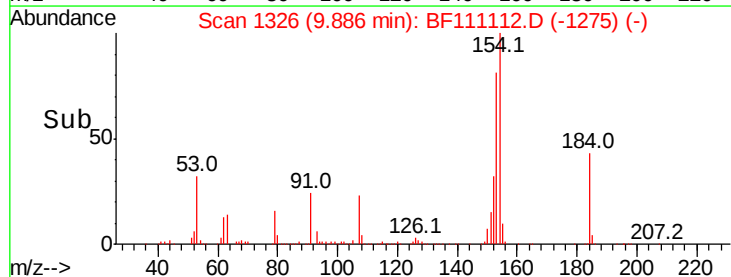
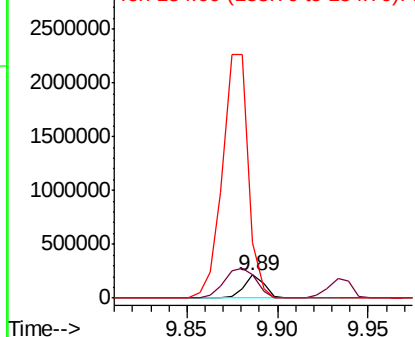


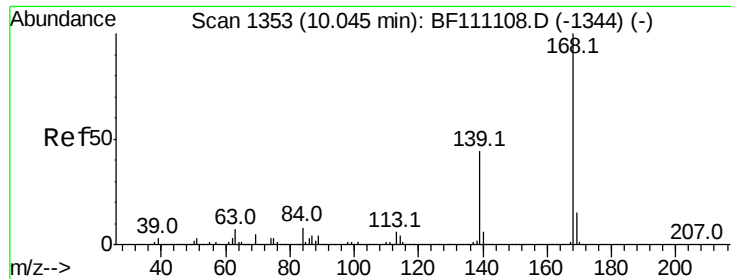
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





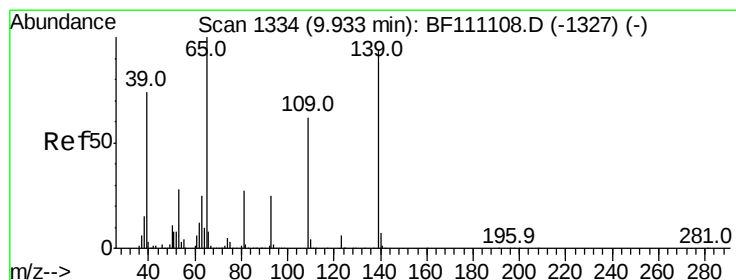
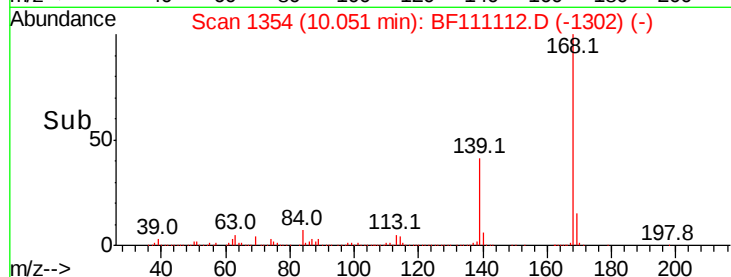
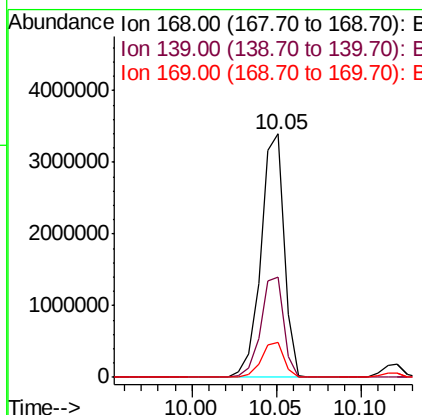
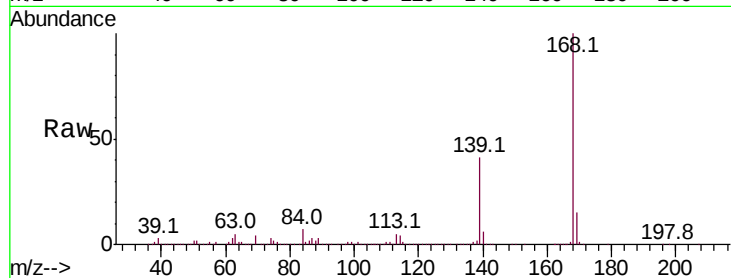
#55
Dibenzofuran
Concen: 39.210 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion:168 Resp: 3243873
Ion Ratio Lower Upper
168 100
139 41.4 35.1 52.7
169 14.5 12.2 18.4

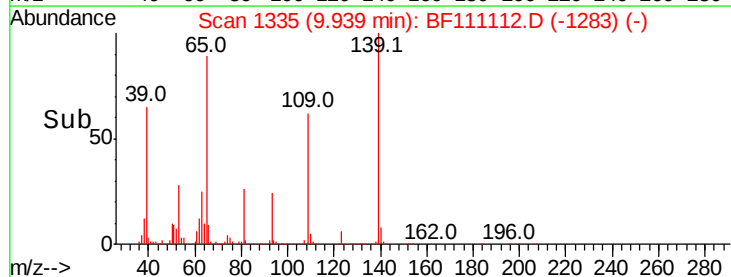
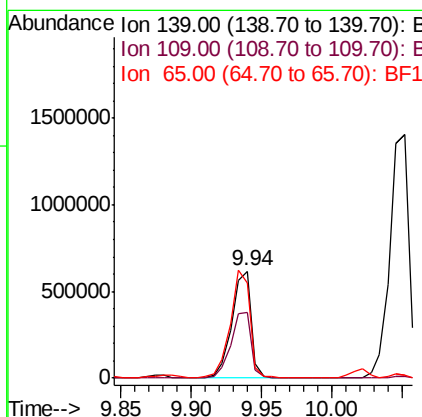
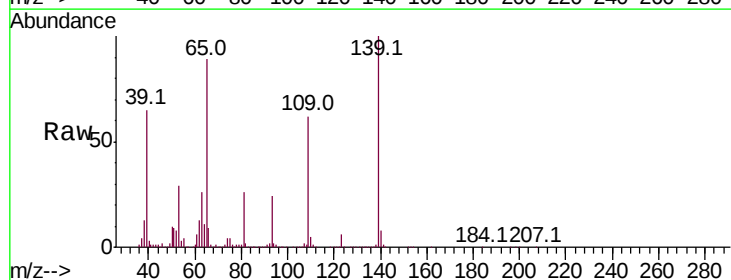
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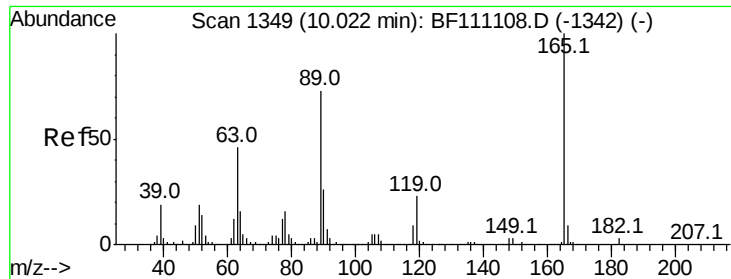
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#56
4-Nitrophenol
Concen: 41.356 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion:139 Resp: 590618
Ion Ratio Lower Upper
139 100
109 61.7 46.1 86.1
65 89.1 87.0 127.0





#57

2,4-Dinitrotoluene

Concen: 40.878 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

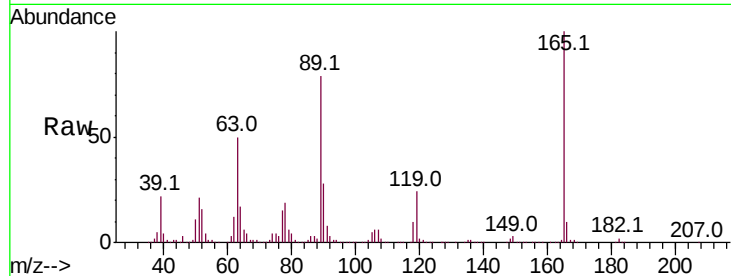
ClientSampleId :

ICVBF120518

Tot Ion	Ratio	Resp	Lower	Upper
165	100	796543		
63	50.3	36.7	55.1	
89	78.8	58.4	87.6	
182	2.1	2.1	3.1	

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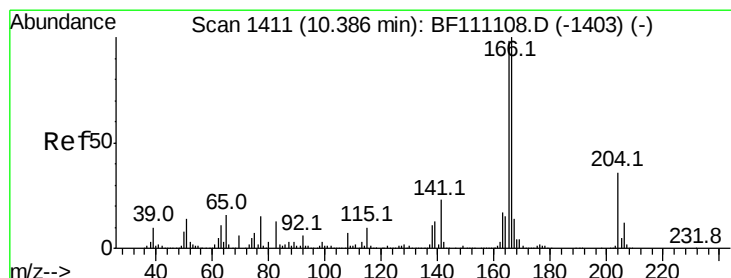
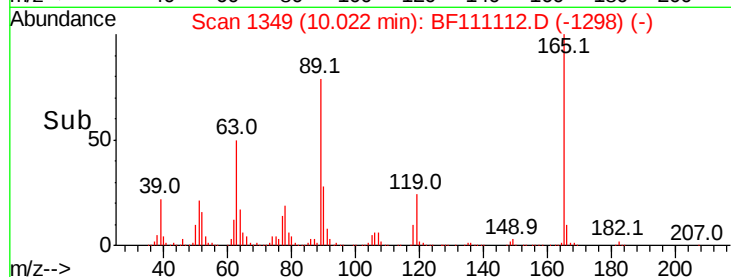
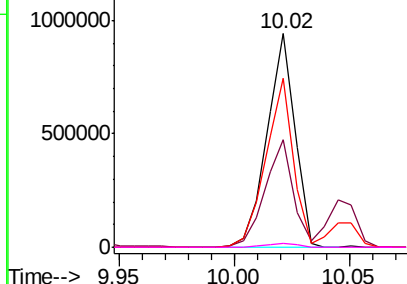
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.833 ng

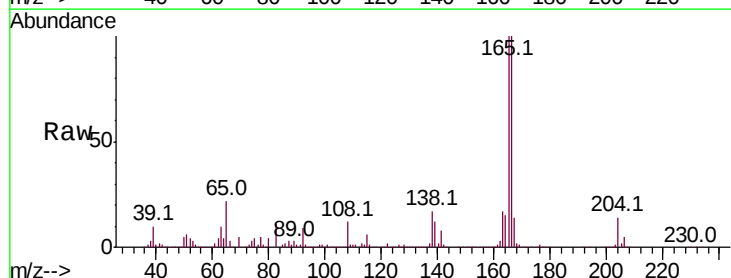
RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2265550		
165	99.6	78.4	117.6	
167	14.0	11.4	17.2	

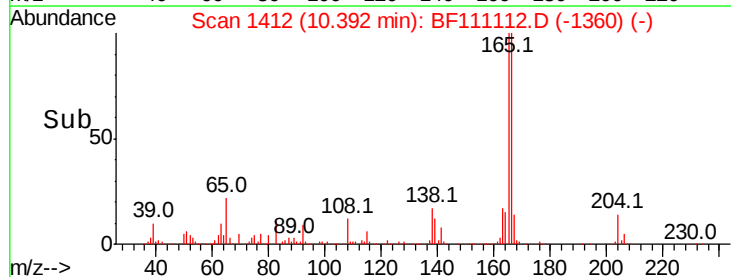
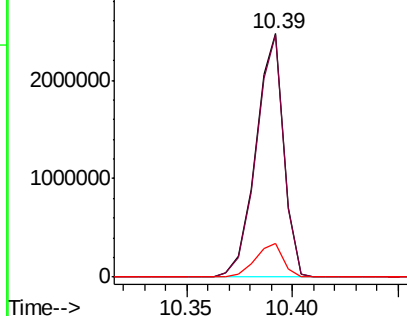


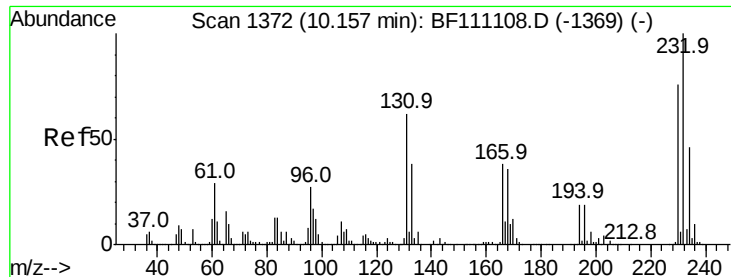
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





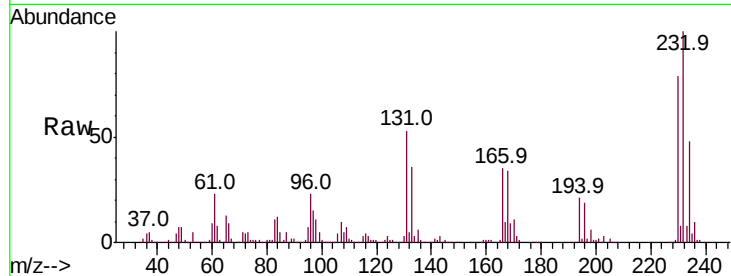
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.468 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
232	100		
131	50.7	40.4	60.6
130	2.8	2.1	3.1
166	28.9	23.0	34.6

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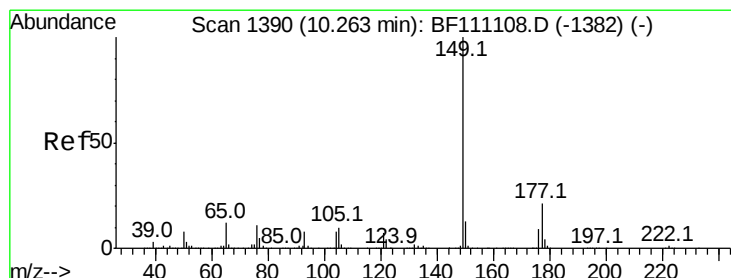
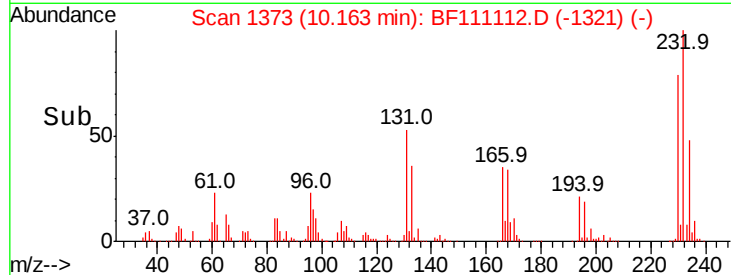
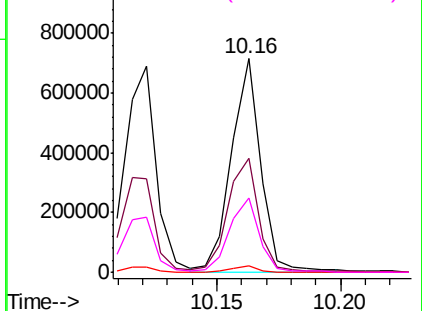
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 38.000 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

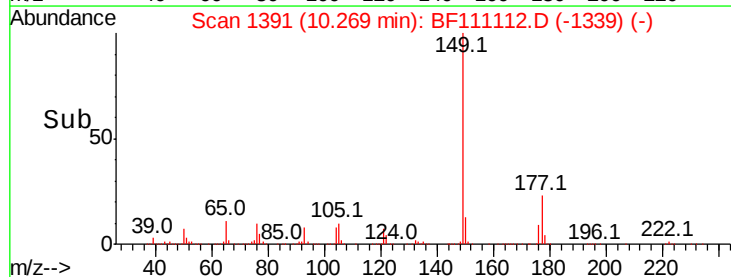
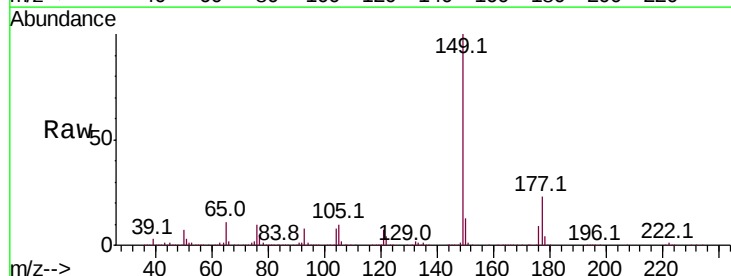
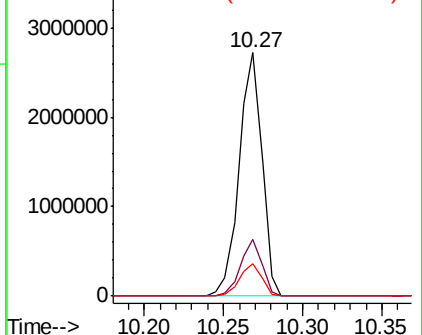
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	17.0	25.6
150	13.3	10.5	15.7

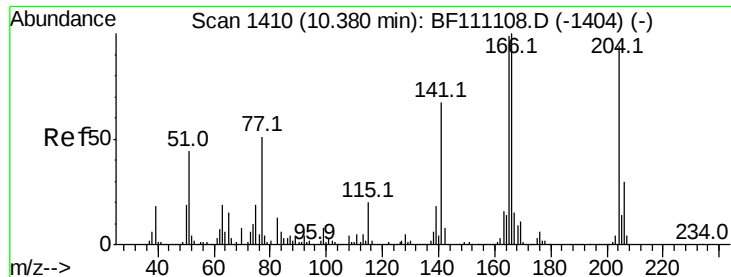
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





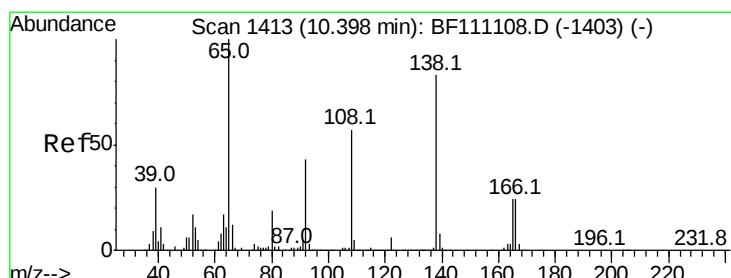
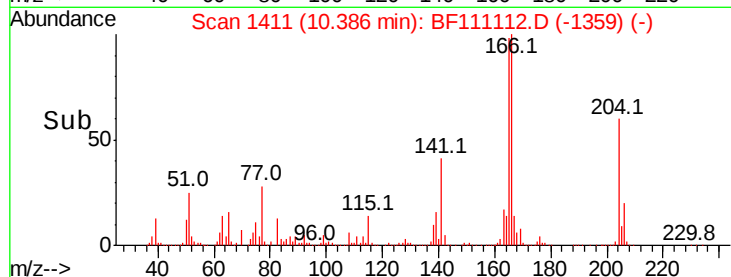
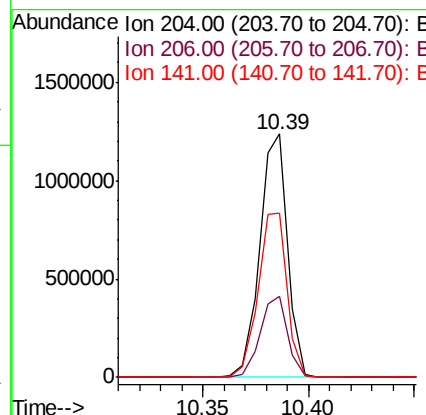
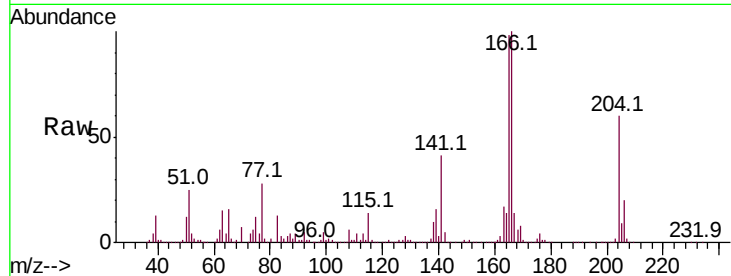
#61
4-Chlorophenyl-phenylether
Concen: 39.404 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	67.6	57.4	86.0

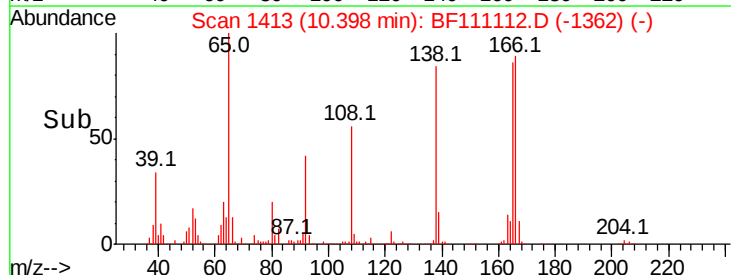
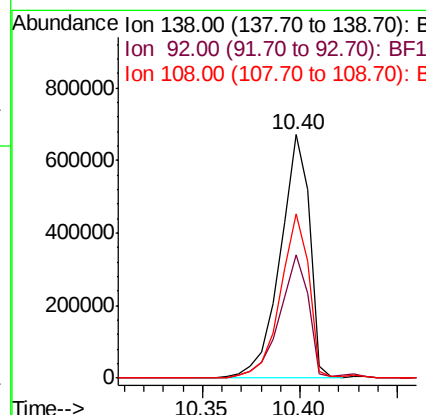
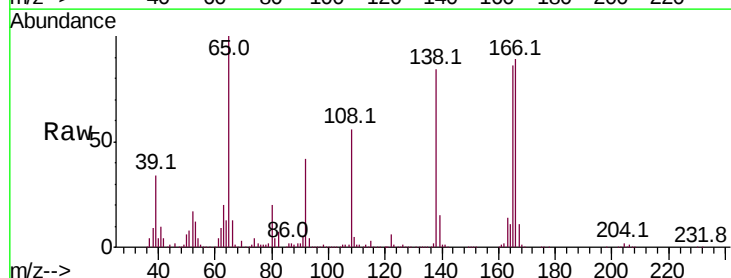
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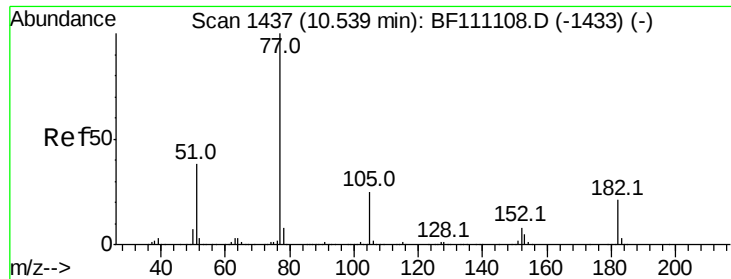
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#62
4-Nitroaniline
Concen: 40.946 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.6	71.6
108	67.3	48.3	88.3





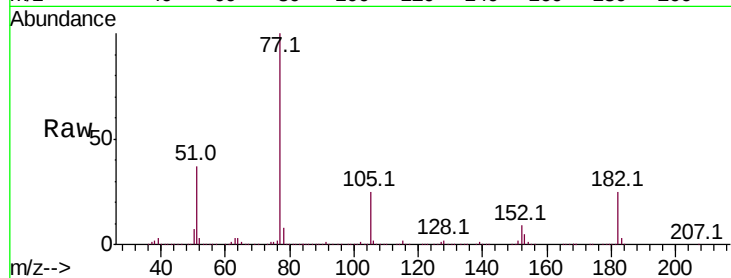
#63
Azobenzene
Concen: 37.856 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

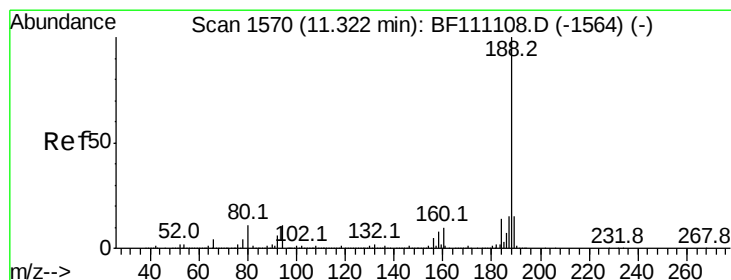
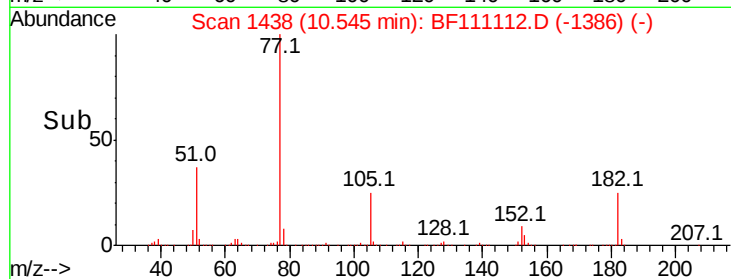
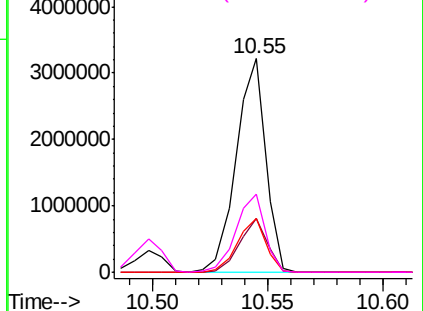
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	1.4	41.4
105	25.2	4.7	44.7
51	36.8	18.0	58.0

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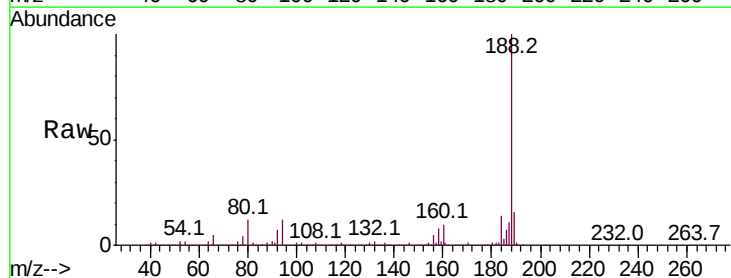


Abundance Ion 77.00 (76.70 to 77.70): BF1
5000000 Ion 182.00 (181.70 to 182.70): E
4000000 Ion 105.00 (104.70 to 105.70): E
3000000 Ion 51.00 (50.70 to 51.70): BF1
2000000
1000000
0

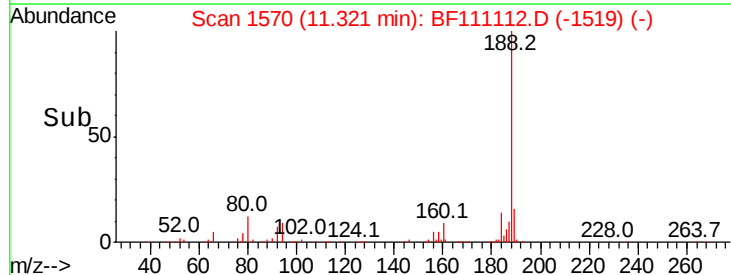
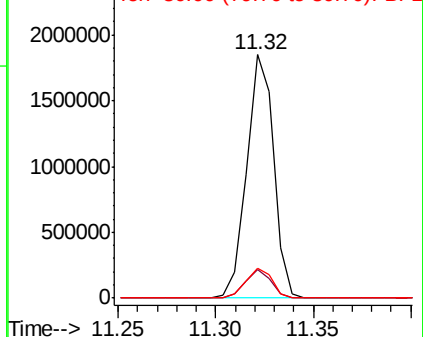


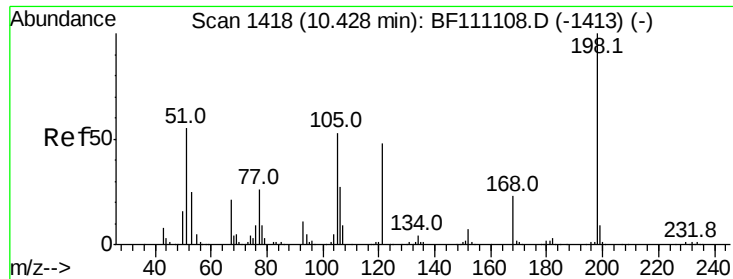
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.4	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): E
2500000 Ion 94.00 (93.70 to 94.70): BF1
2000000 Ion 80.00 (79.70 to 80.70): BF1
1500000
1000000
500000
0





#65

4,6-Dinitro-2-methylphenol

Concen: 40.287 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

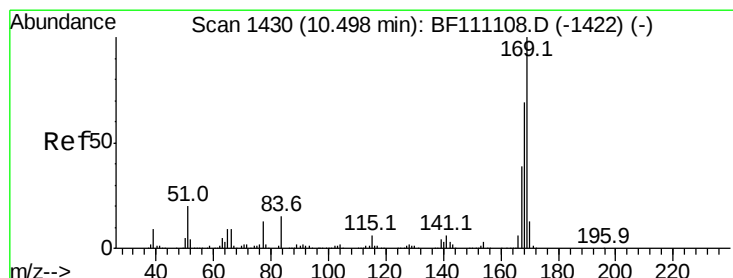
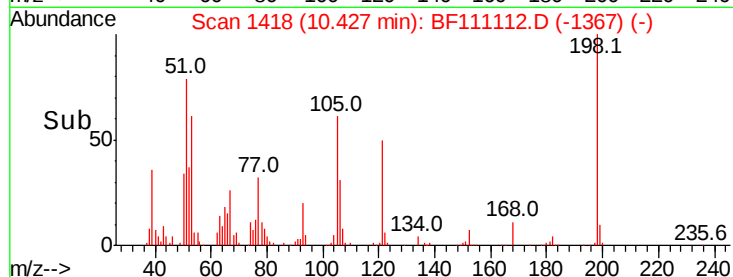
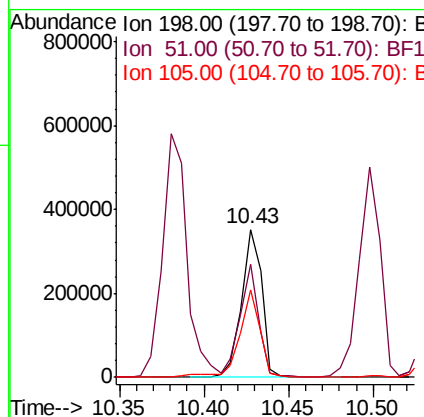
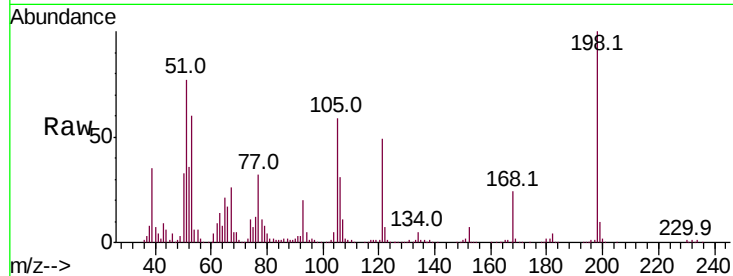
ClientSampleId :

ICVBF120518

Tot Ion:	198	Resp:	293354
Ion Ratio	Lower	Upper	
198	100		
51	76.9	48.8	88.8
105	59.2	35.2	75.2

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#66

n-Nitrosodiphenylamine

Concen: 36.979 ng

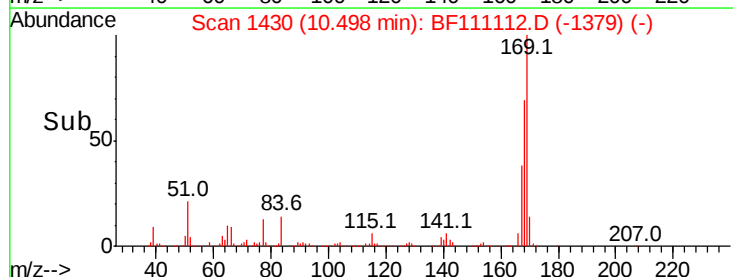
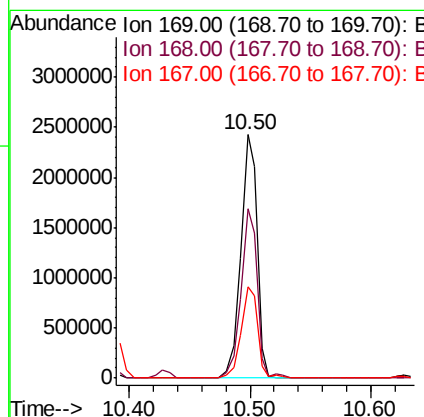
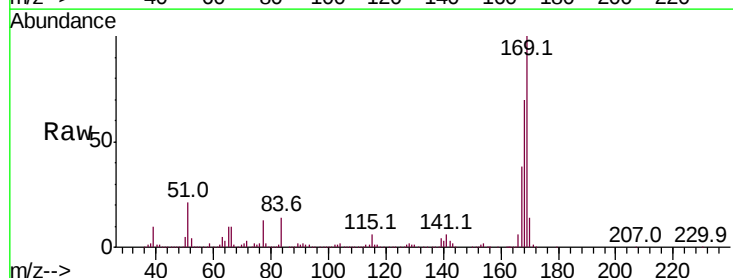
RT: 10.50 min Scan# 1430

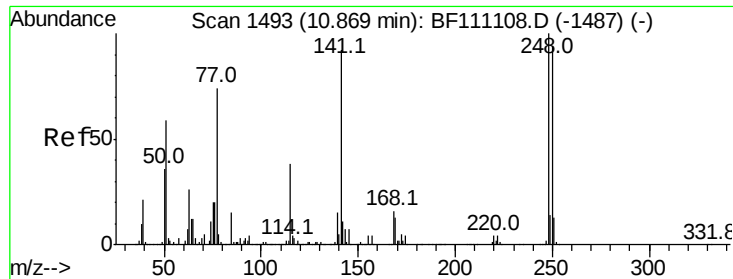
Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:	169	Resp:	2282185
Ion Ratio	Lower	Upper	
169	100		
168	69.5	55.4	83.2
167	37.7	31.1	46.7





#67

4-Bromophenyl-phenylether

Concen: 37.838 ng

RT: 10.87 min Scan# 1494

Delta R.T. 0.01 min

Lab File: BF111112.D

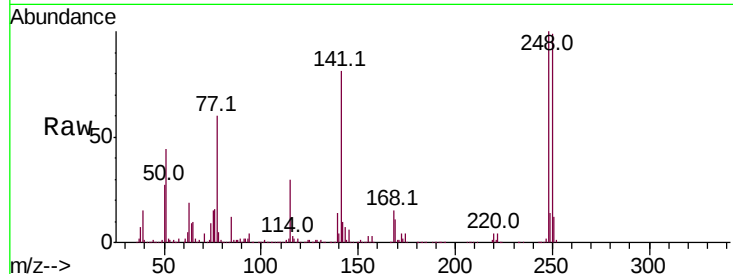
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.4	113.0
141	81.0	73.8	110.6

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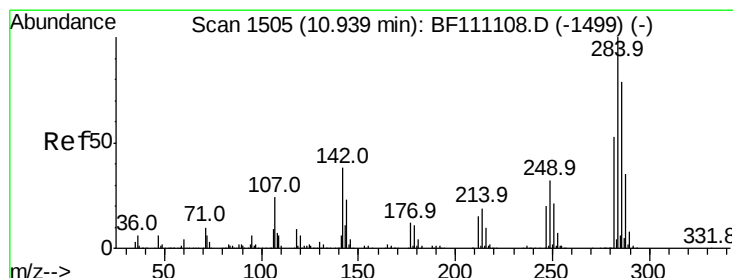
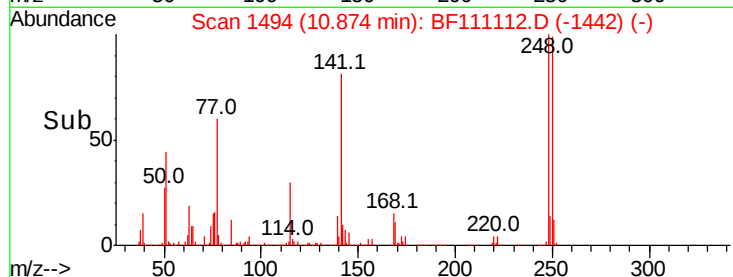
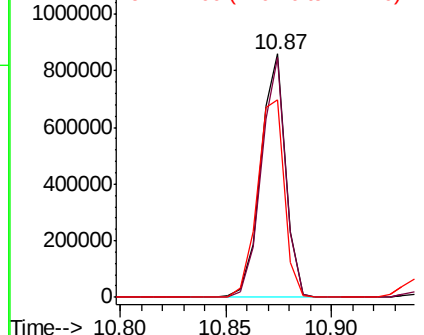


Abundance

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: 37.634 ng

RT: 10.94 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

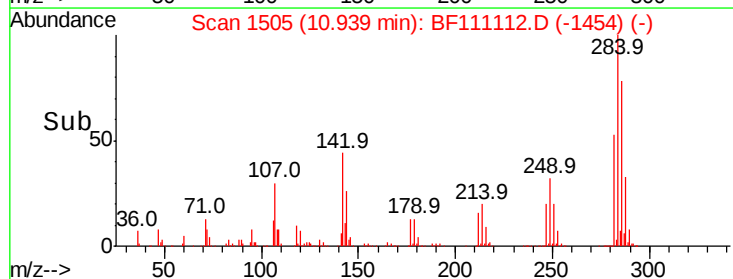
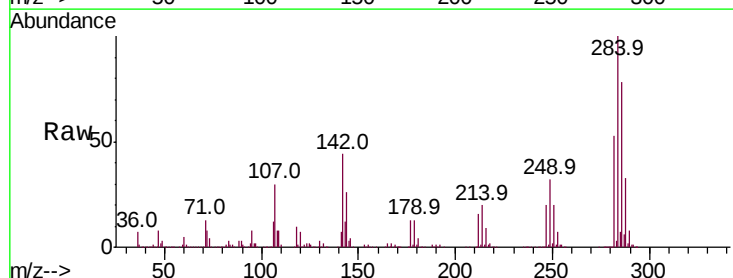
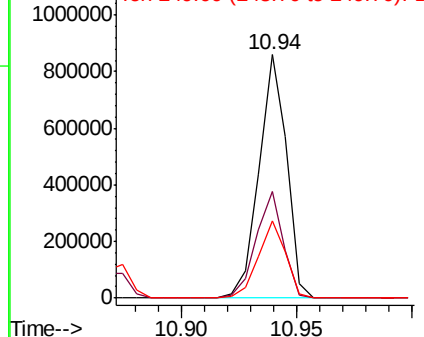
Tgt Ion	Ratio	Lower	Upper
284	100		
142	44.0	30.2	45.2
249	31.9	25.3	37.9

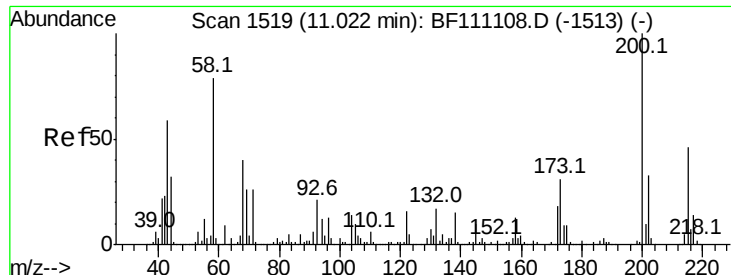
Abundance

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





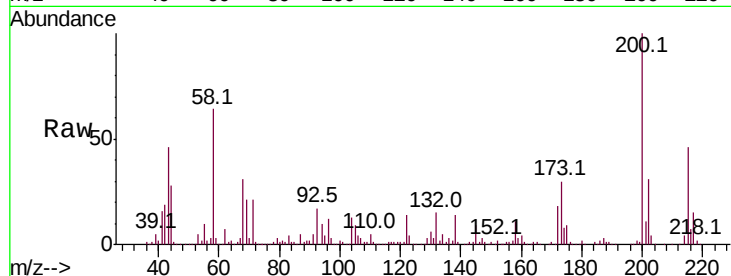
#69
Atrazine
Concen: 33.343 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

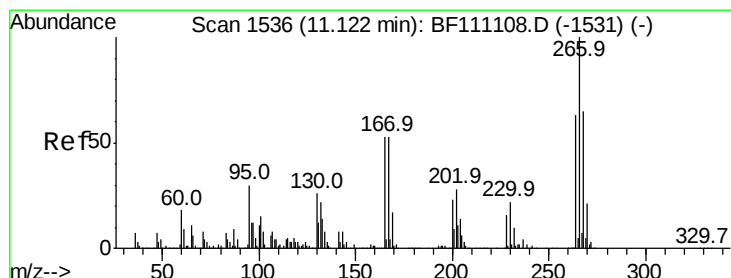
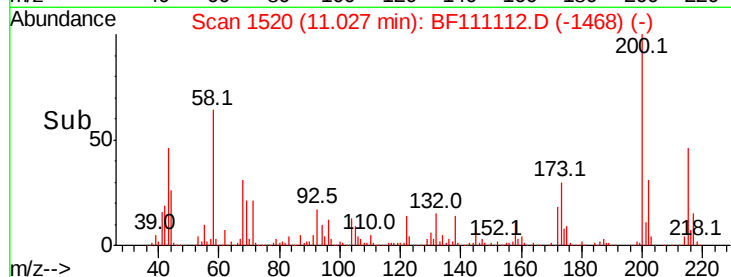
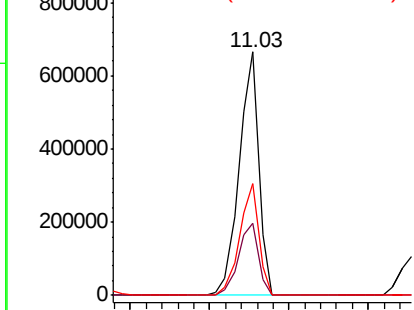
Tot Ion	Ratio	Lower	Upper
200	100		
173	29.8	11.3	51.3
215	45.7	25.9	65.9

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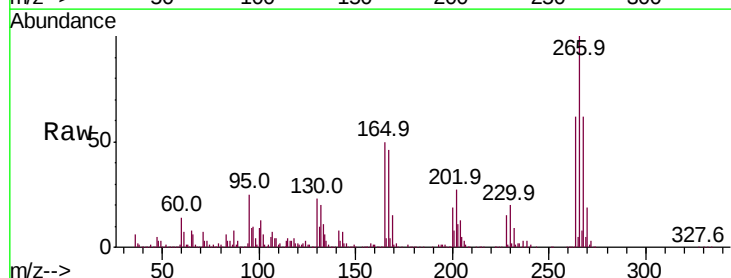


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

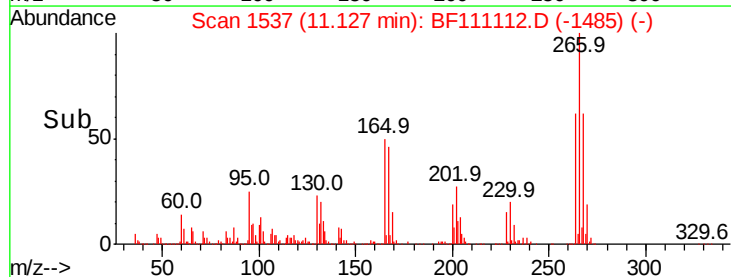
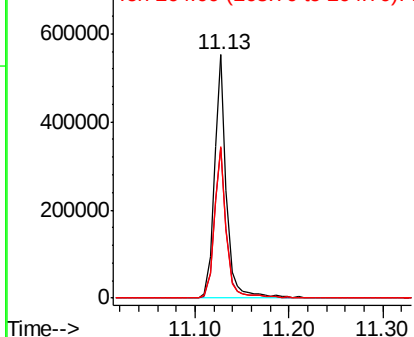


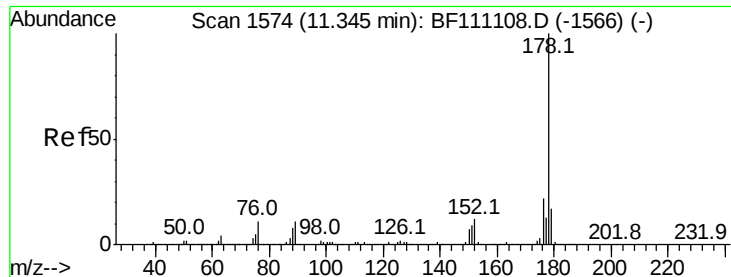
#70
Pentachlorophenol
Concen: 39.889 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	52.2	78.4
264	62.1	50.8	76.2



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





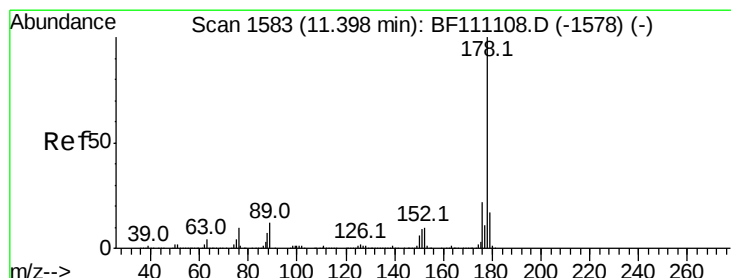
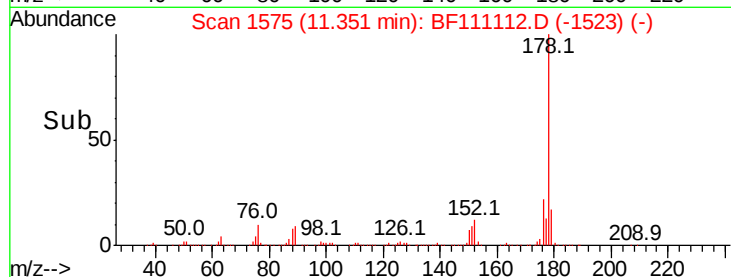
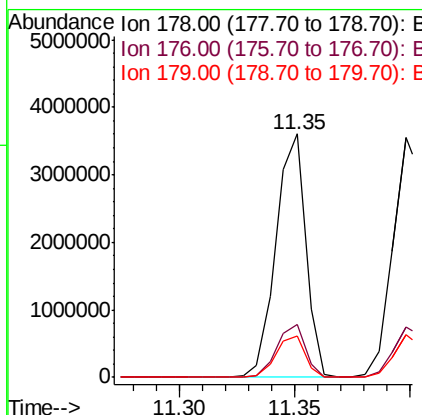
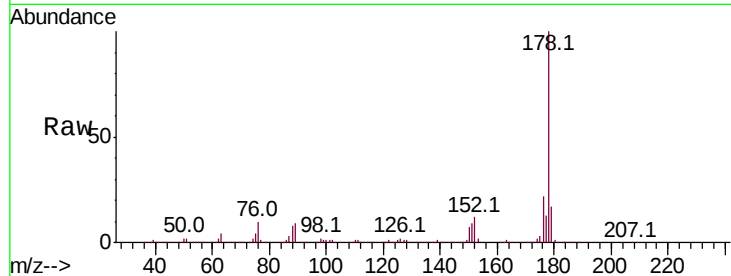
#71
Phenanthrene
Concen: 38.159 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion:178 Resp: 3235132
Ion Ratio Lower Upper
178 100
176 21.8 17.7 26.5
179 17.2 14.0 21.0

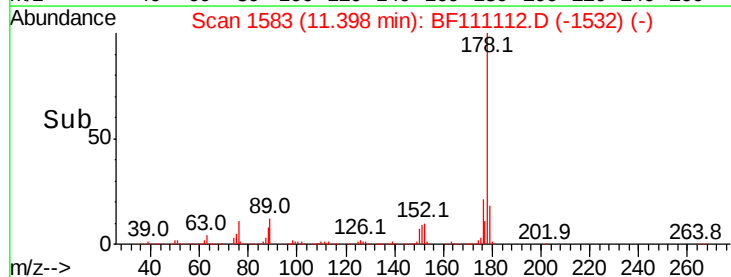
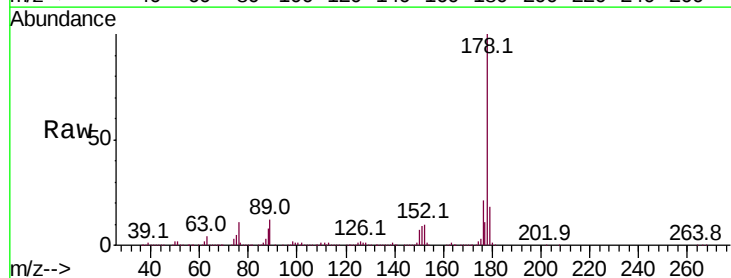
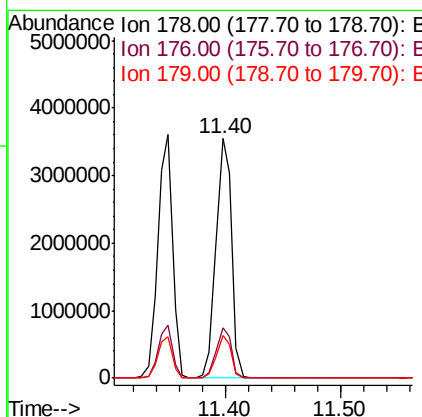
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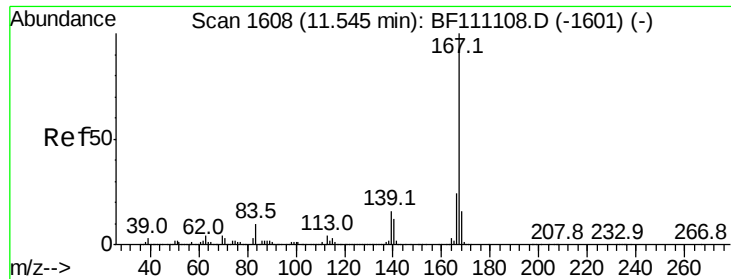
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#72
Anthracene
Concen: 38.649 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion:178 Resp: 3302862
Ion Ratio Lower Upper
178 100
176 21.2 17.3 25.9
179 17.6 13.8 20.8





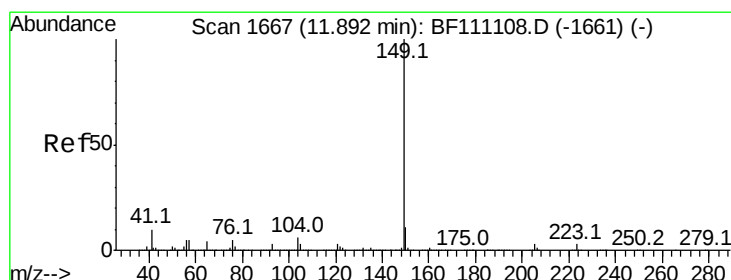
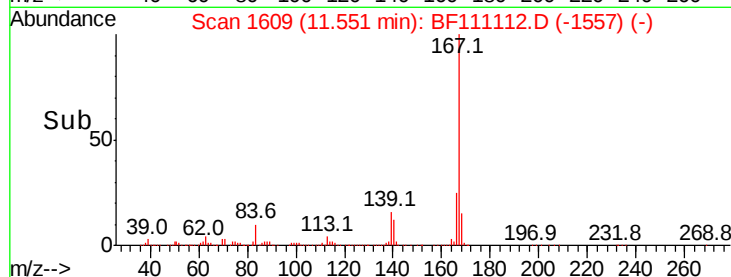
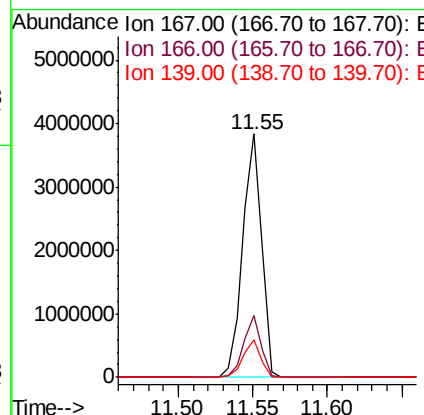
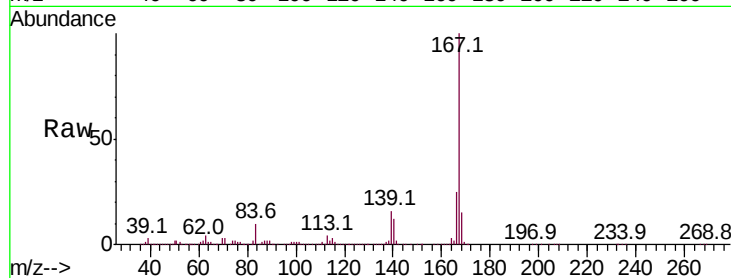
#73
 Carbazole
 Concen: 38.284 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	19.4	29.0
139	15.6	12.6	18.8

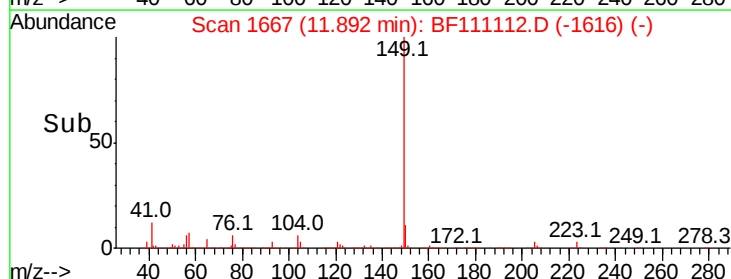
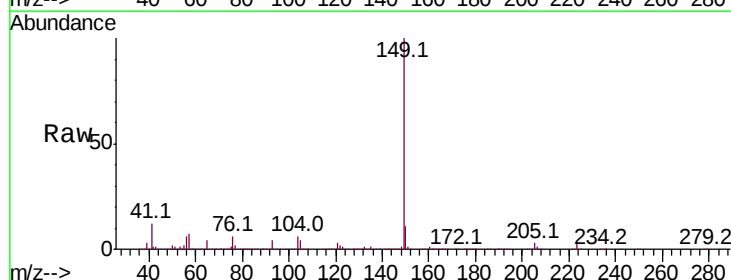
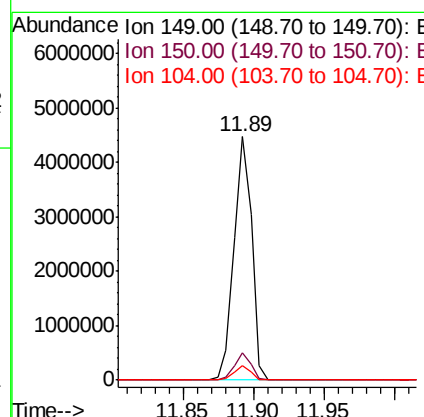
Manual Integrations
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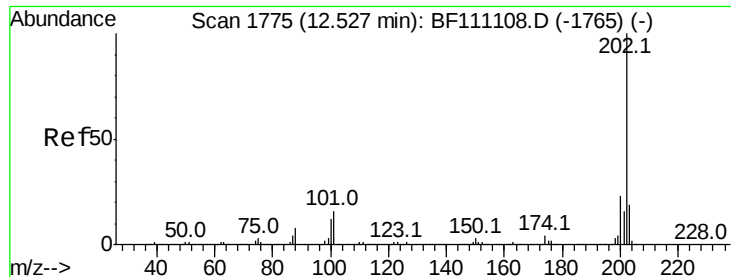
mohammad
 12/6/2018 12:11:43 PM



#74
 Di-n-butylphthalate
 Concen: 37.411 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	11.0	8.6	12.8
104	5.9	4.5	6.7





#75

Fluoranthene

Concen: 39.051 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

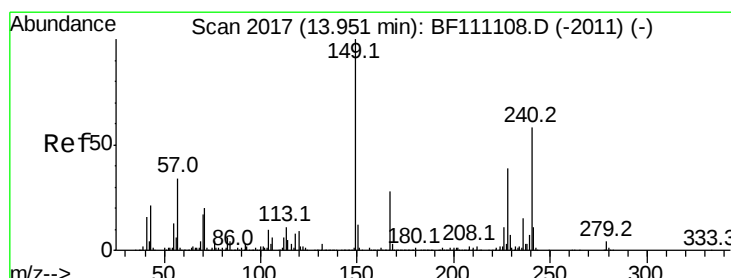
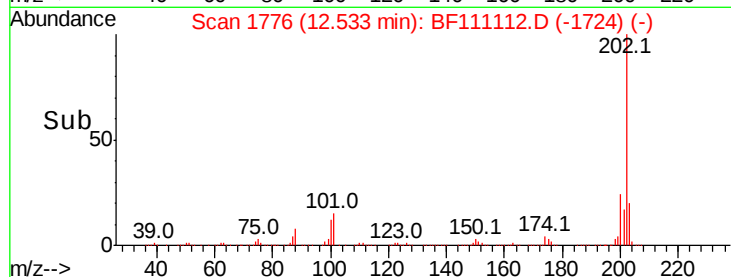
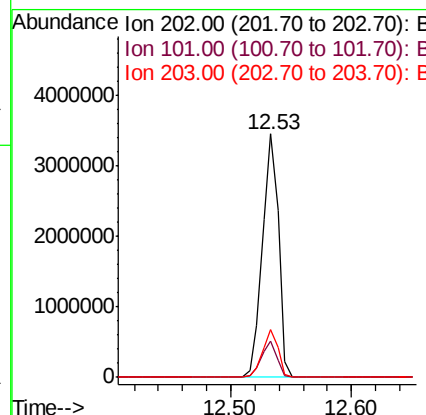
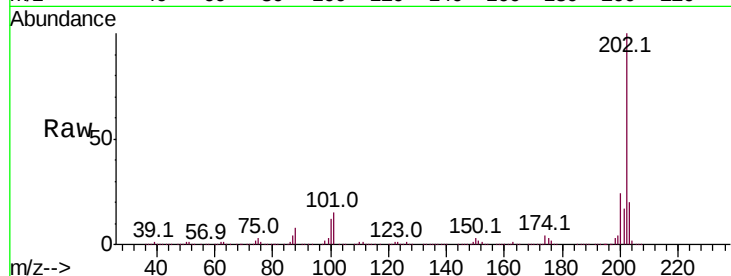
ClientSampleId :

ICVBF120518

Tot Ion:	202	Resp:	3239624
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	35.8
203	19.6	0.0	38.6

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#76

Chrysene-d12

Concen: 20.000 ng

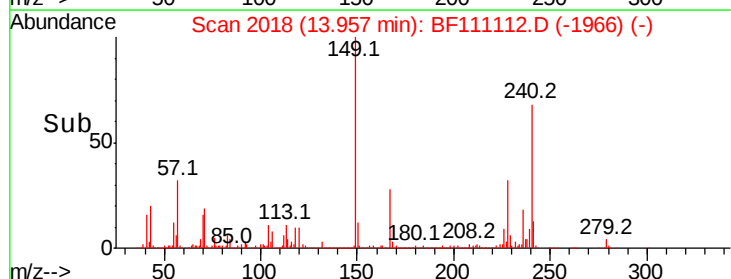
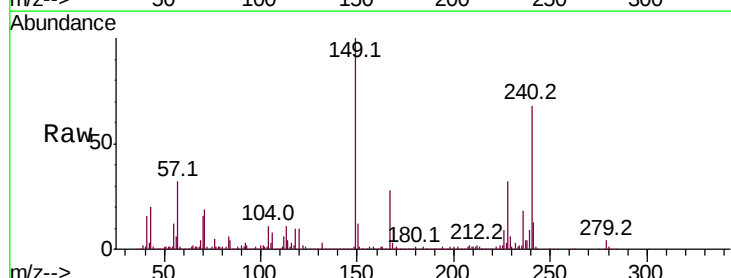
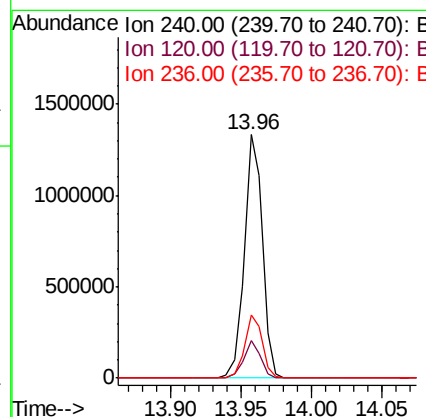
RT: 13.96 min Scan# 2018

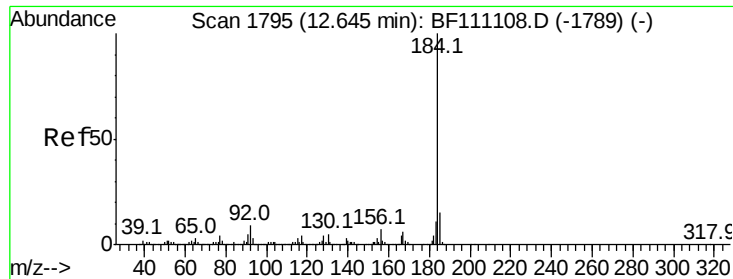
Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Tgt Ion:	240	Resp:	1180275
Ion	Ratio	Lower	Upper
240	100		
120	15.5	12.8	19.2
236	26.1	21.1	31.7





#77

Benzidine

Concen: 28.560 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion:184 Resp: 1143085

Ion Ratio Lower Upper

184 100

185 16.7 12.0 18.0

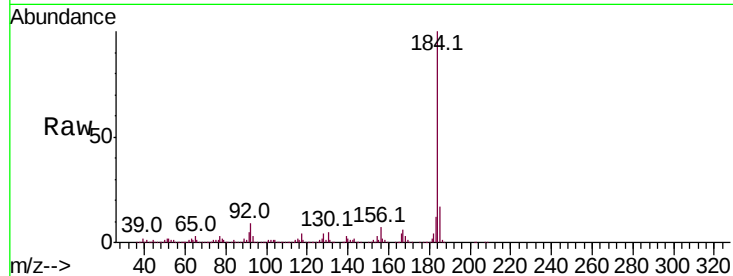
183 12.2 8.9 13.3

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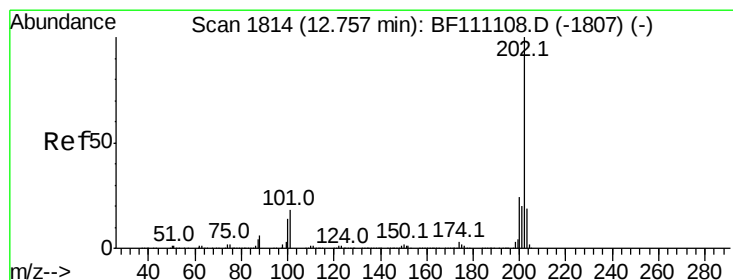
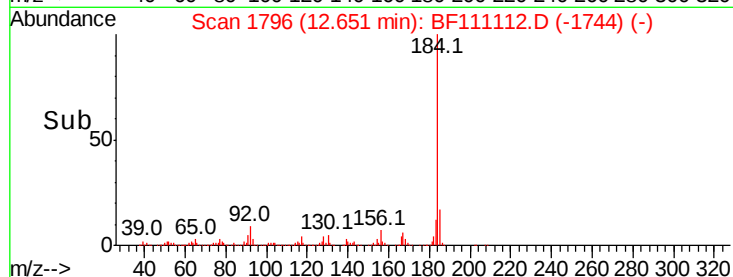
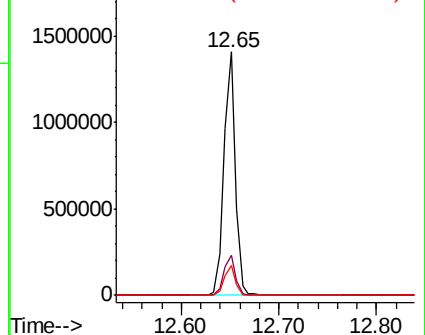
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.435 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

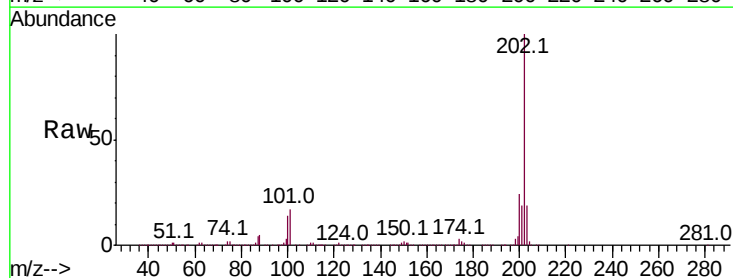
Tgt Ion:202 Resp: 3350241

Ion Ratio Lower Upper

202 100

200 23.9 19.3 28.9

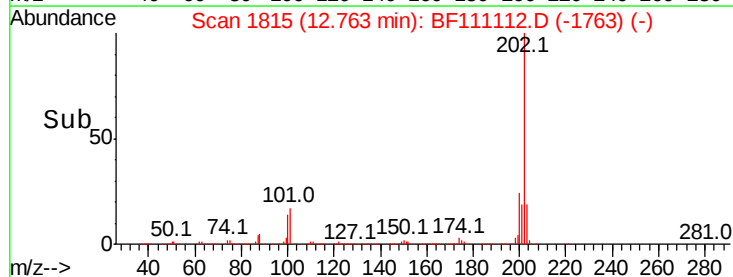
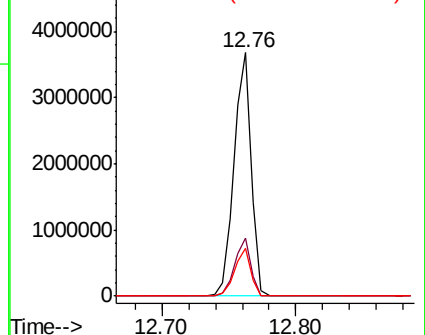
203 19.4 15.4 23.2

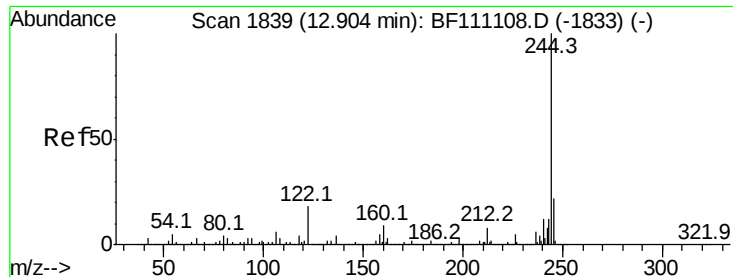


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





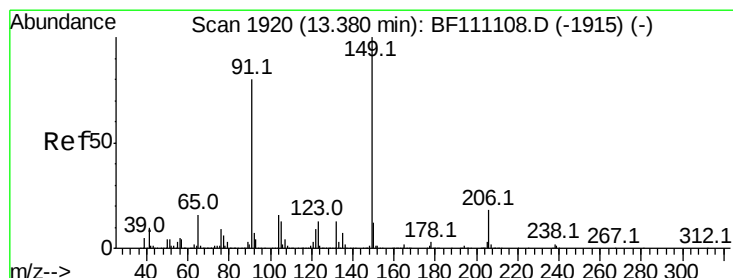
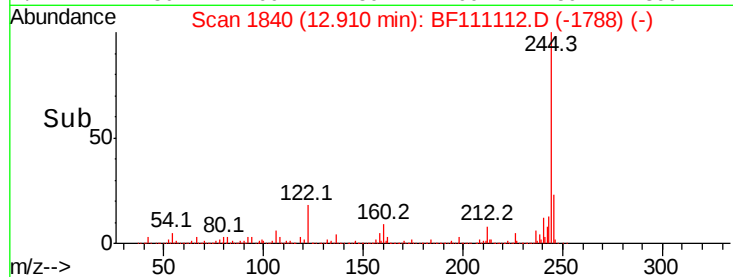
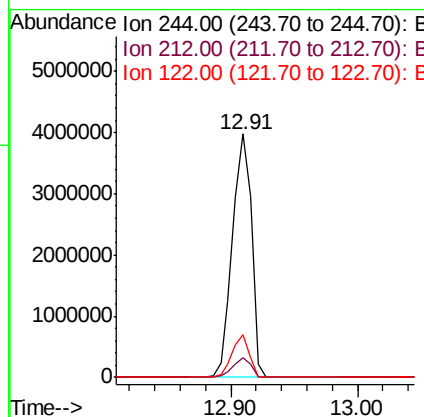
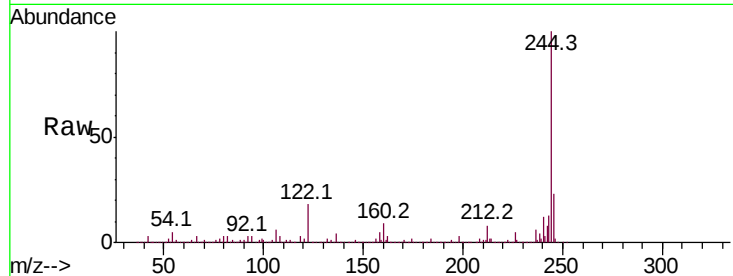
#79
 Terphenyl-d14
 Concen: 71.132 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.6	9.8
122	17.6	14.2	21.2

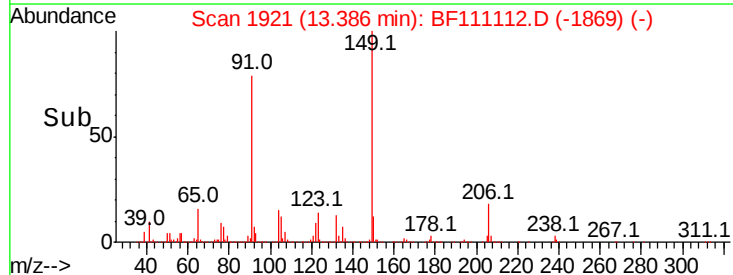
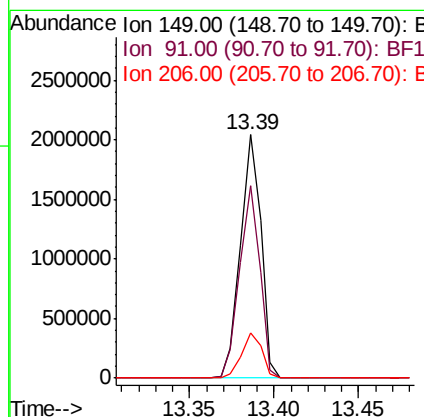
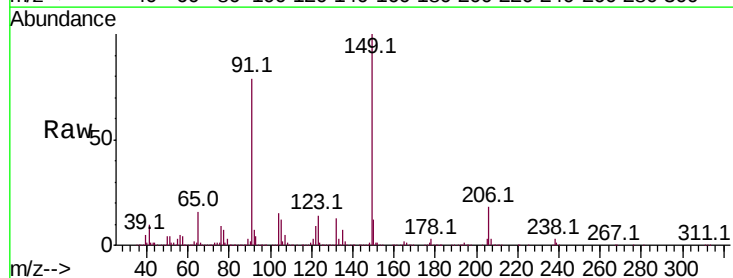
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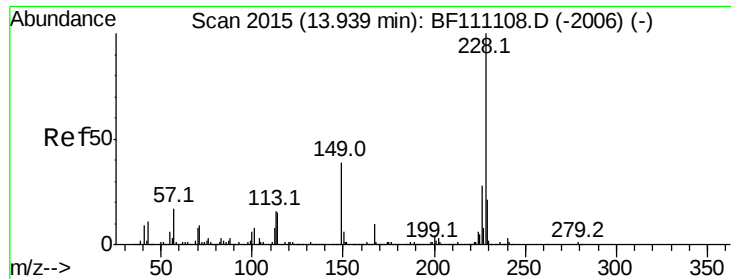
mohammad
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#80
 Butylbenzylphthalate
 Concen: 38.779 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	78.9	64.0	96.0
206	18.4	14.1	21.1





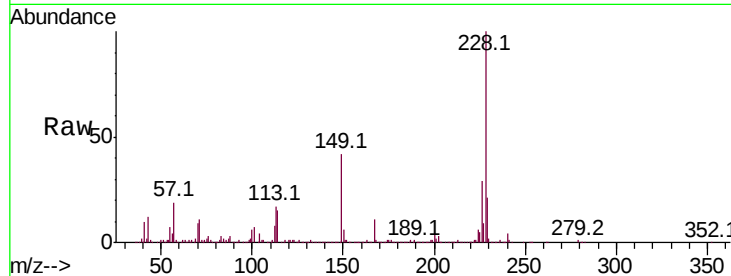
#81
Benzo(a)anthracene
Concen: 37.293 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.6	34.0
229	20.9	16.7	25.1

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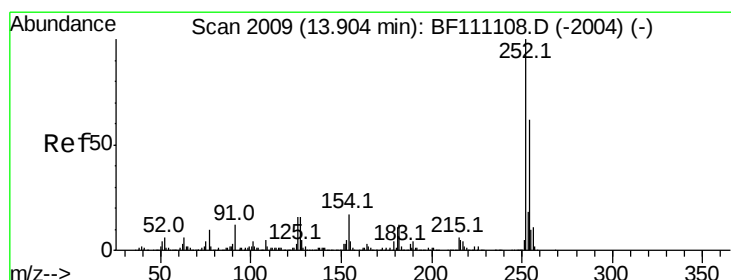
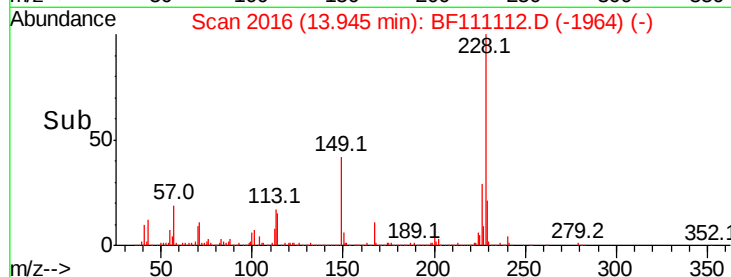
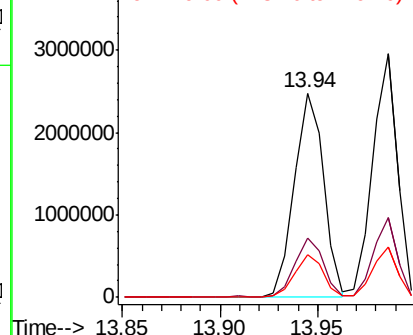


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 37.781 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

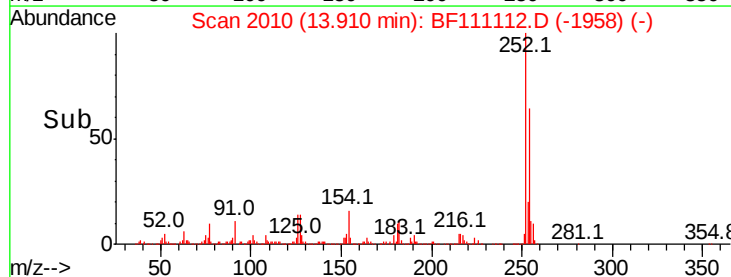
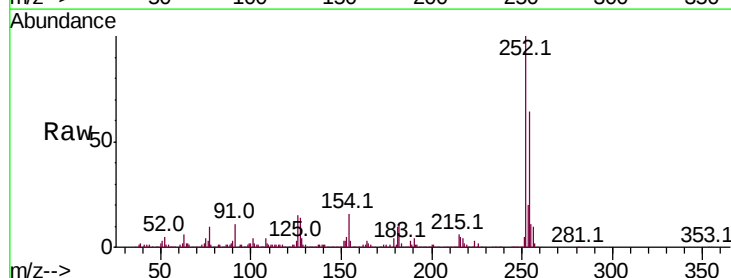
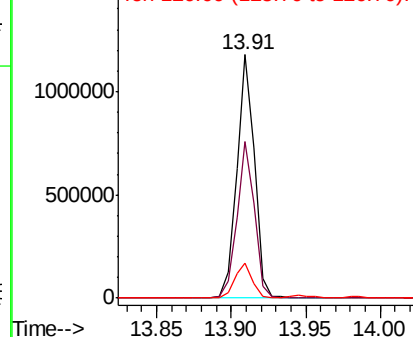
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	49.8	74.8
126	14.5	12.9	19.3

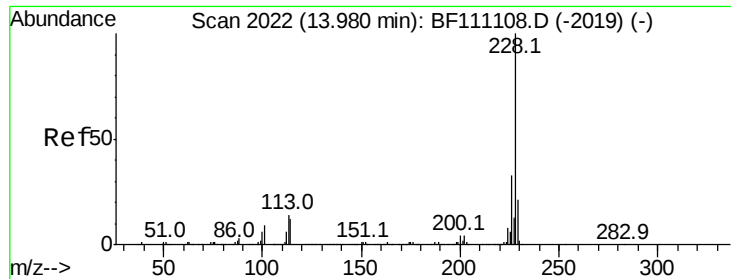
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





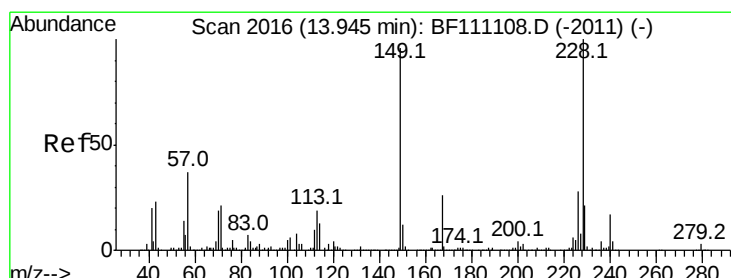
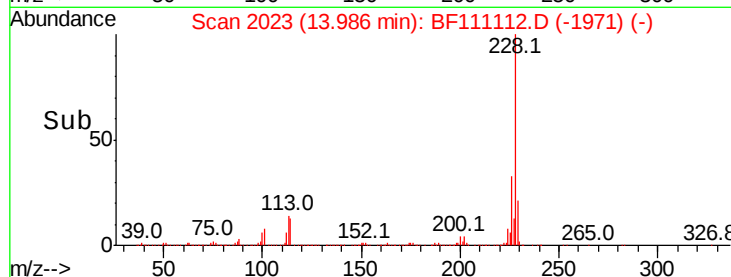
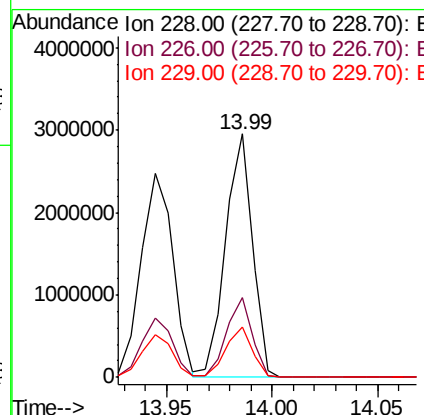
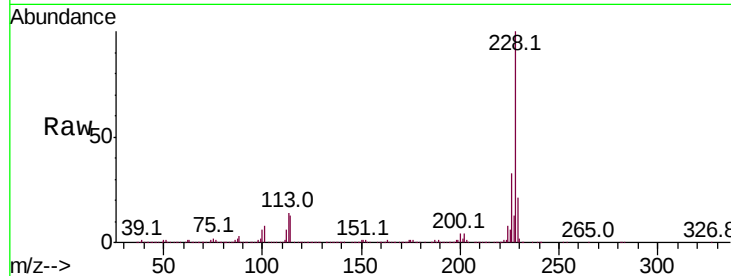
#83
 Chrysene
 Concen: 37.946 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120518

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	26.2	39.2
229	20.9	16.9	25.3

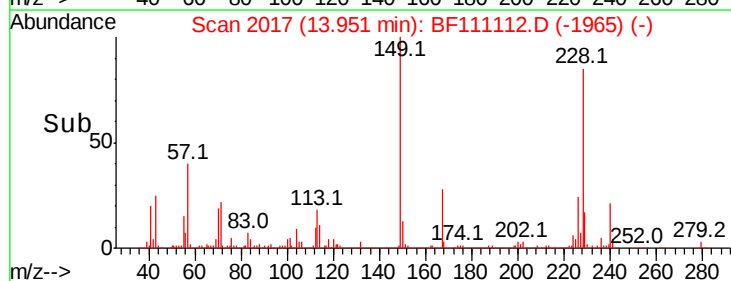
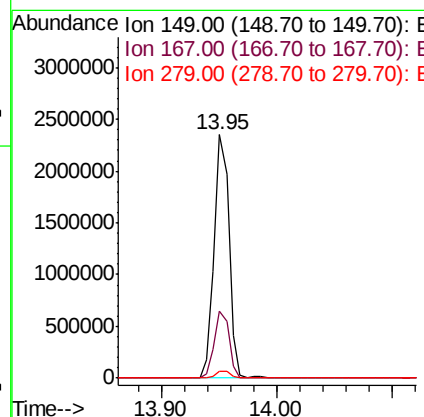
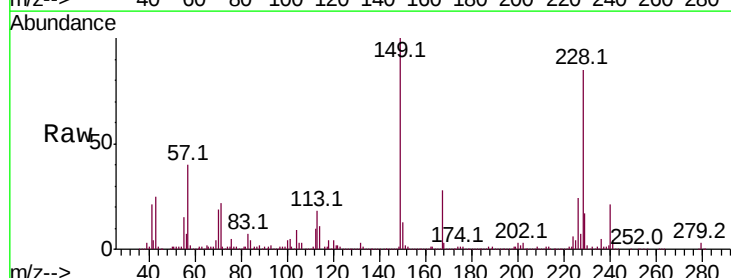
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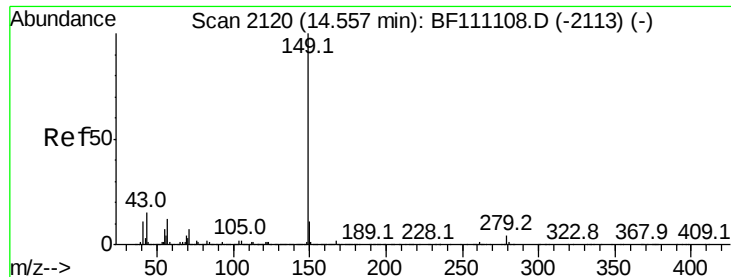
mohammad
 12/6/2018 12:11:43 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.572 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF111112.D
 Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.6	32.4
279	2.8	2.3	3.5





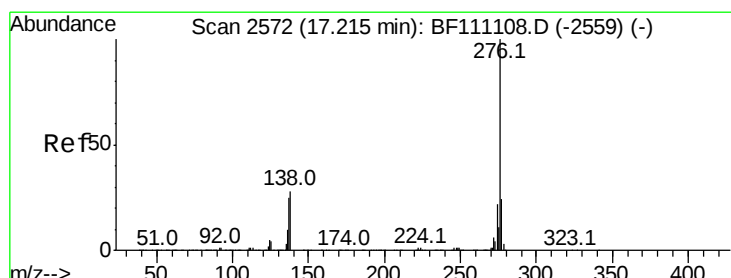
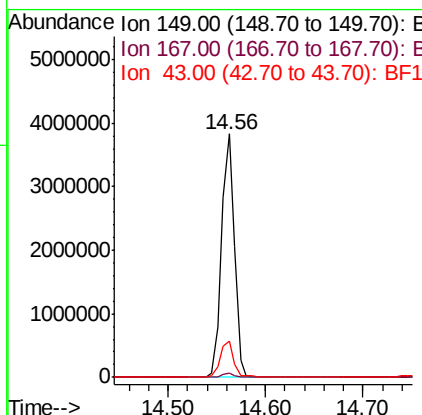
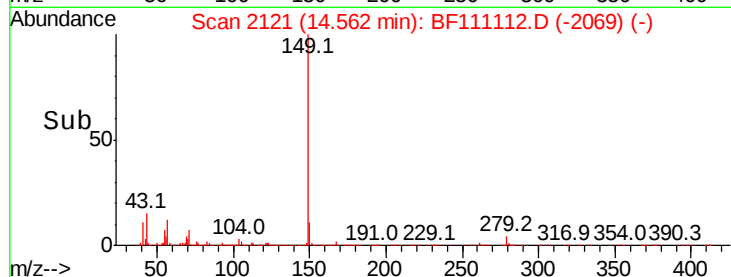
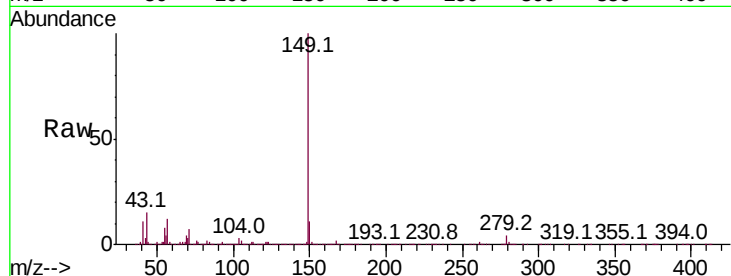
#85
Di-n-octyl phthalate
Concen: 41.635 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	15.3	11.9	17.9

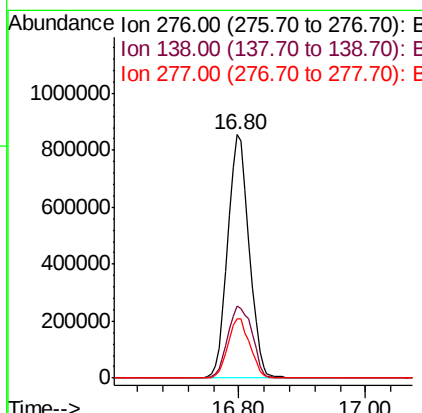
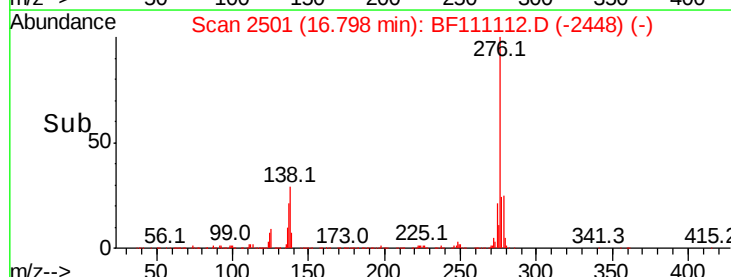
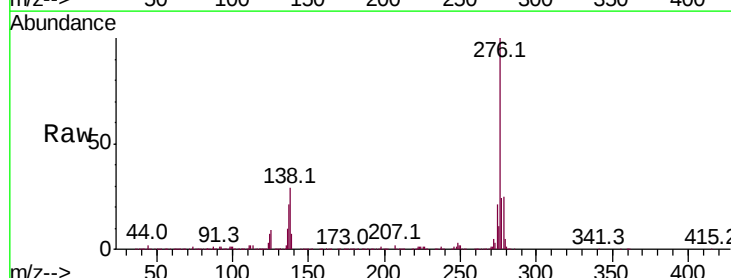
Manual Integrations
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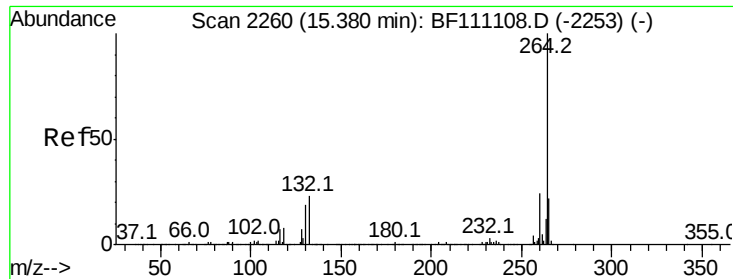
mohammad
12/6/2018 12:11:43 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.819 ng
RT: 16.80 min Scan# 2501
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.8	20.2	30.4#
277	25.0	15.8	23.6#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion:264 Resp: 1016087

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

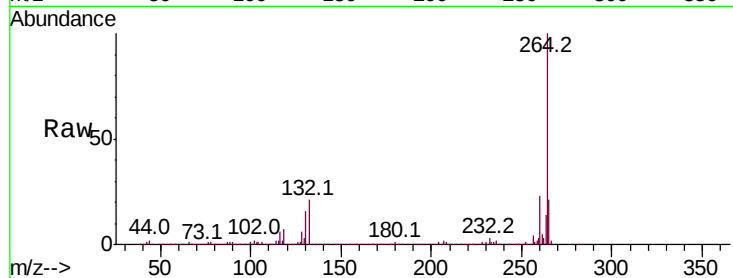
265 21.2 17.4 26.0

Manual Integrations

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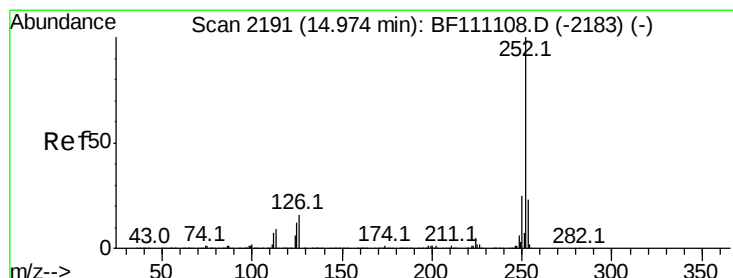
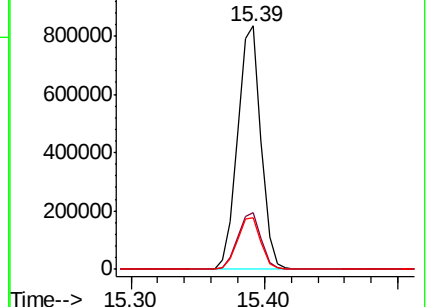
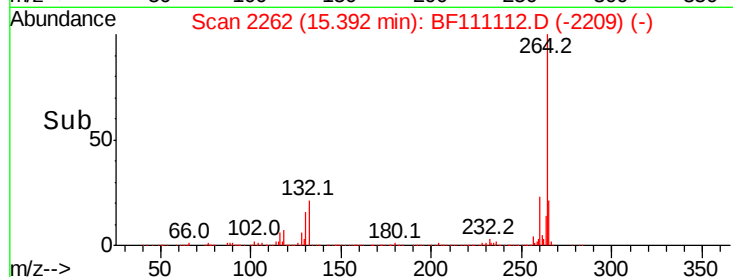
12/6/2018 12:11:43 PM



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.573 ng

RT: 14.98 min Scan# 2192

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

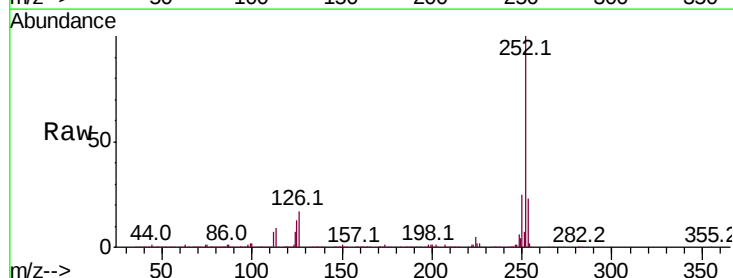
Tgt Ion:252 Resp: 2220877

Ion Ratio Lower Upper

252 100

253 23.0 18.5 27.7

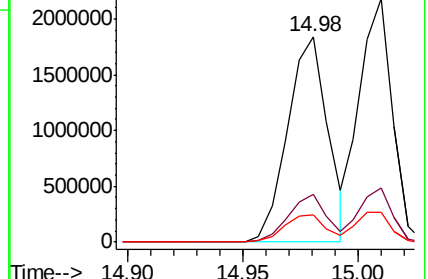
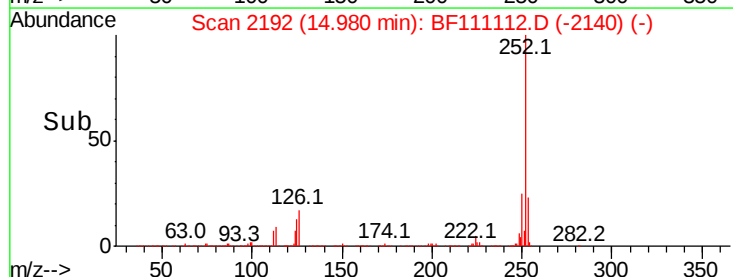
125 13.1 9.9 14.9

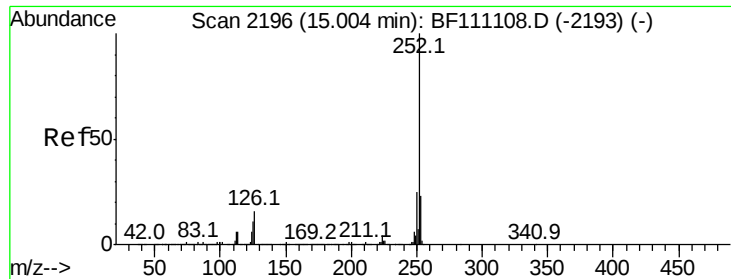


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





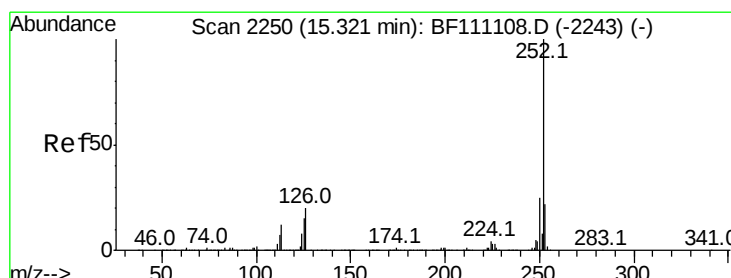
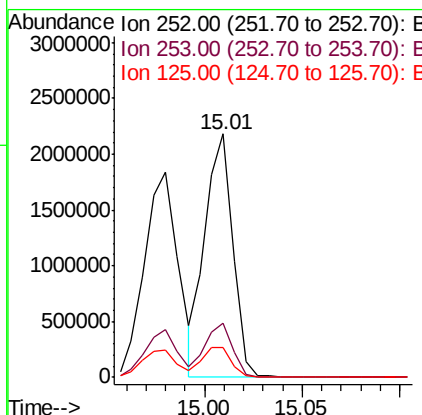
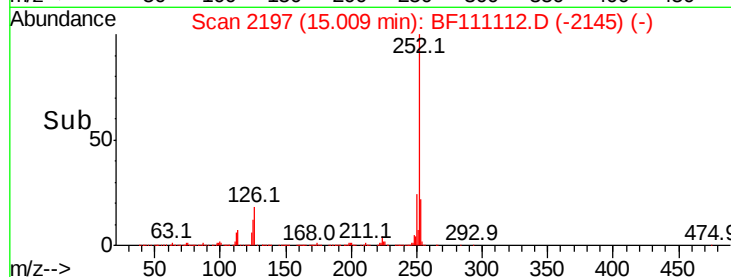
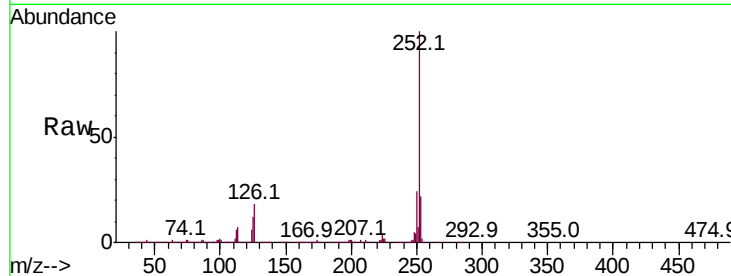
#89
Benzo(k)fluoranthene
Concen: 38.972 ng
RT: 15.01 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Instrument :
BNA_F
ClientSampleId :
ICVBF120518

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	12.2	9.9	14.9

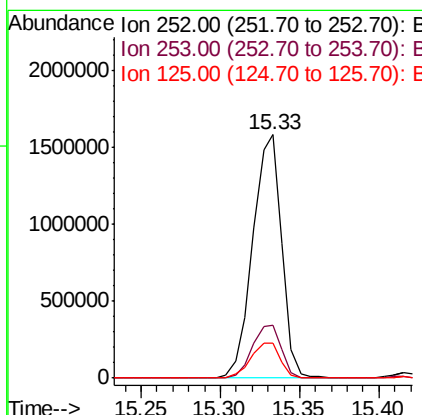
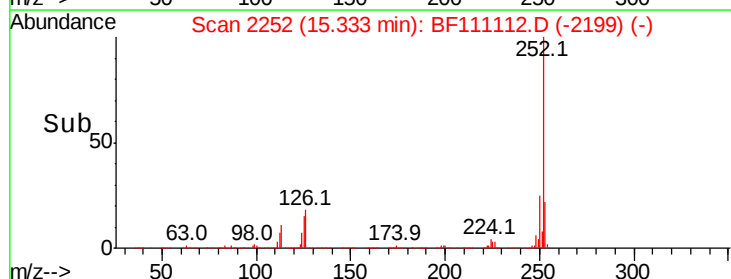
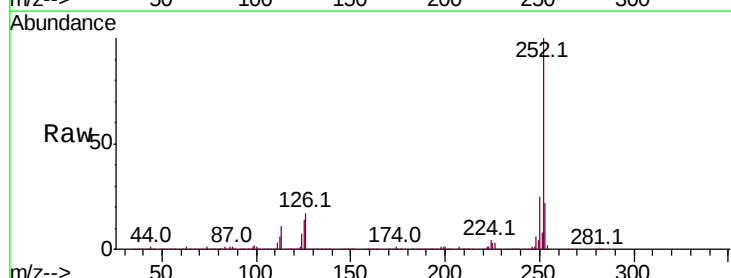
Manual Integrations
APPROVED

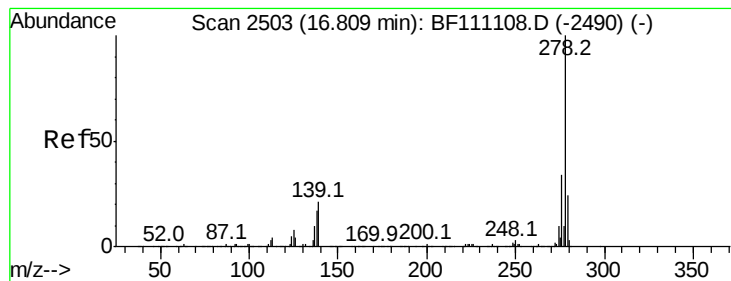
mohammad
12/6/2018 12:11:43 PM



#90
Benzo(a)pyrene
Concen: 37.907 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111112.D
Acq: 5 Dec 2018 16:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	14.1	12.4	18.6





#91

Dibenzo(a,h)anthracene

Concen: 37.306 ng

RT: 16.82 min Scan# 2505

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

Instrument :

BNA_F

ClientSampleId :

ICVBF120518

Tot Ion:278 Resp: 1653330

Ion Ratio Lower Upper

278 100

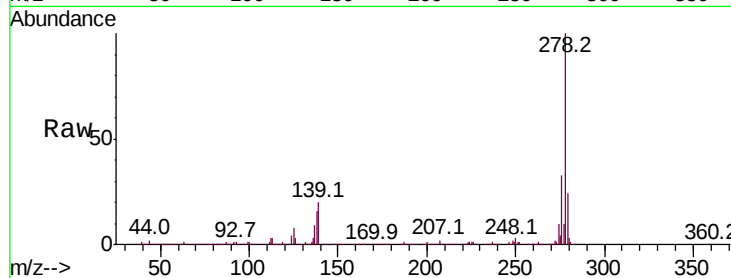
139 20.5 16.6 25.0

279 23.8 18.8 28.2

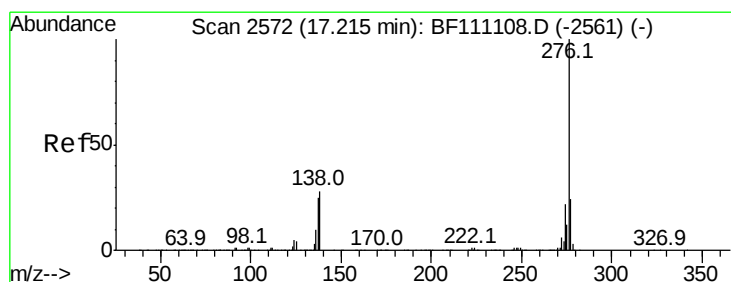
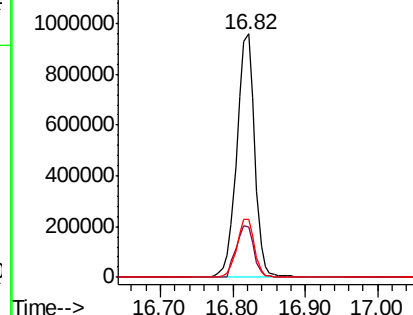
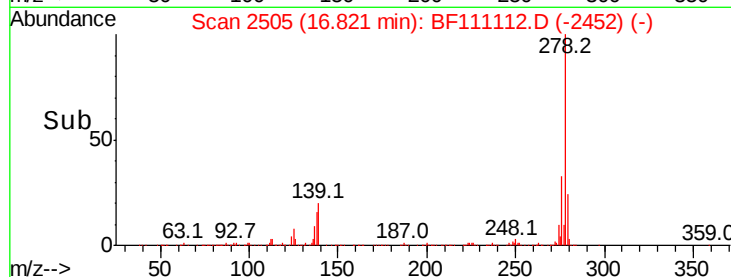
Manual Integrations
APPROVED

mohammad

12/6/2018 12:11:43 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



#92

Benzo(g,h,i)perylene

Concen: 36.568 ng

RT: 17.23 min Scan# 2574

Delta R.T. 0.01 min

Lab File: BF111112.D

Acq: 5 Dec 2018 16:59

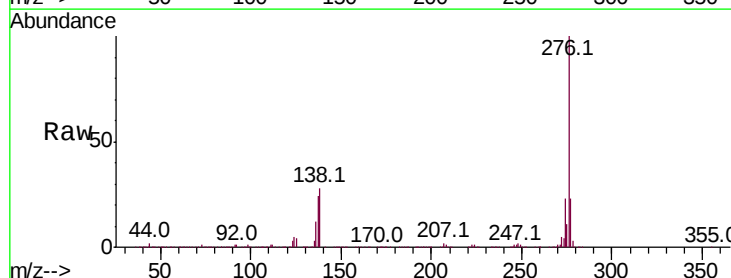
Tgt Ion:276 Resp: 1628553

Ion Ratio Lower Upper

276 100

277 23.0 19.3 28.9

138 28.4 22.3 33.5



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

