

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073119\
 Data File : BF115862.D
 Acq On : 31 Jul 2019 13:32
 Operator : HP/JU
 Sample : PB121801BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Manual Integrations
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 8/1/2019 5:06:26 PM

Quant Time: Jul 31 18:49:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	144672	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	579077	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303716	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	525013	20.00	ng	0.00
76) Chrysene-d12	14.02	240	395272	20.00	ng	0.00
87) Perylene-d12	15.49	264	373587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	989947	114.55	ng	0.02
7) Phenol-d6	6.49	99	1254884	115.09	ng	0.00
23) Nitrobenzene-d5	7.42	82	819892	81.73	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	343312	116.59	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1388088	85.61	ng	0.00
79) Terphenyl-d14	12.96	244	1490032	79.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	183307	41.987	ng	99
3) Pyridine	3.46	79	475070	38.954	ng	99
4) n-Nitrosodimethylamine	3.42	42	210839	43.808	ng	98
6) Aniline	6.52	93	518808	33.225	ng	100
8) 2-Chlorophenol	6.64	128	428366	44.826	ng	99
9) Benzaldehyde	6.40	77	250364	33.279	ng	97
10) Phenol	6.50	94	556961	43.378	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	408115	43.233	ng	99
12) 1,3-Dichlorobenzene	6.79	146	464236	42.035	ng	98
13) 1,4-Dichlorobenzene	6.87	146	471689	42.655	ng	99
14) 1,2-Dichlorobenzene	7.02	146	436114	42.831	ng	99
15) Benzyl Alcohol	6.99	79	368976	44.592	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	539528	41.901	ng	99
17) 2-Methylphenol	7.10	107	364833	45.087	ng	99
18) Hexachloroethane	7.36	117	171099	42.025	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	292846	43.342	ng	99
20) 3+4-Methylphenols	7.26	107	429909	44.896	ng	93
22) Acetophenone	7.26	105	575828	45.341	ng	# 99
24) Nitrobenzene	7.43	77	473478	43.710	ng	97
25) Isophorone	7.67	82	844555	44.027	ng	99
26) 2-Nitrophenol	7.75	139	234543	45.934	ng	96
27) 2,4-Dimethylphenol	7.79	122	380942	49.588	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	507378	42.674	ng	99
29) 2,4-Dichlorophenol	7.99	162	364569	44.946	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	400326	43.297	ng	98
31) Naphthalene	8.16	128	1244475	45.669	ng	100
32) Benzoic acid	7.93	122	253752	46.852	ng	98
33) 4-Chloroaniline	8.20	127	284683	23.382	ng	98
34) Hexachlorobutadiene	8.27	225	221903	41.667	ng	98
35) Caprolactam	8.57	113	112033m	42.706	ng	
36) 4-Chloro-3-methylphenol	8.69	107	381067	45.160	ng	97
37) 2-Methylnaphthalene	8.85	142	814984	45.412	ng	100
38) 1-Methylnaphthalene	8.95	142	768725	45.277	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	366339	45.118	ng	99

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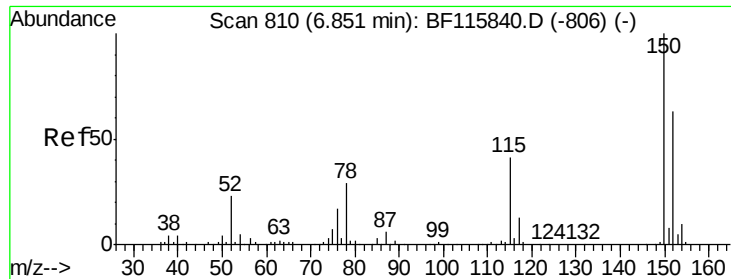
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	321639	87.629	ng	100
43) 2,4,6-Trichlorophenol	9.13	196	237068	42.418	ng	100
44) 2,4,5-Trichlorophenol	9.17	196	257177	44.516	ng	99
46) 1,1'-Biphenyl	9.32	154	966055	45.054	ng	99
47) 2-Chloronaphthalene	9.34	162	768411	43.057	ng	98
48) 2-Nitroaniline	9.43	65	244167	41.392	ng	88
49) Acenaphthylene	9.76	152	1183551	45.458	ng	99
50) Dimethylphthalate	9.62	163	862120	41.689	ng	100
51) 2,6-Dinitrotoluene	9.68	165	198281	44.121	ng	97
52) Acenaphthene	9.93	154	705227	44.152	ng	99
53) 3-Nitroaniline	9.85	138	147812	26.619	ng	91
54) 2,4-Dinitrophenol	9.96	184	181753	79.563	ng	# 88
55) Dibenzofuran	10.10	168	1049497	45.181	ng	99
56) 4-Nitrophenol	10.02	139	343999	96.704	ng	97
57) 2,4-Dinitrotoluene	10.09	165	262395	43.853	ng	95
58) Fluorene	10.45	166	793576	44.405	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.22	232	220611	45.389	ng	98
60) Diethylphthalate	10.32	149	813383	42.129	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	385980	42.645	ng	99
62) 4-Nitroaniline	10.47	138	224337	39.092	ng	96
63) Azobenzene	10.59	77	860596	43.336	ng	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	129263	46.460	ng	98
66) n-Nitrosodiphenylamine	10.55	169	711956	45.054	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	240367	42.768	ng	100
68) Hexachlorobenzene	11.00	284	272931	41.996	ng	98
69) Atrazine	11.08	200	218051	41.944	ng	99
70) Pentachlorophenol	11.19	266	282335	89.482	ng	98
71) Phenanthrene	11.41	178	1189464	44.317	ng	100
72) Anthracene	11.46	178	1226524	45.154	ng	99
73) Carbazole	11.61	167	1110303	45.054	ng	99
74) Di-n-butylphthalate	11.94	149	1207881	42.016	ng	100
75) Fluoranthene	12.59	202	1223228	43.533	ng	97
77) Benzidine	12.71	184	655002	49.049	ng	99
78) Pyrene	12.82	202	1268010	42.556	ng	99
80) Butylbenzylphthalate	13.44	149	517849	41.086	ng	97
81) Benzo(a)anthracene	14.01	228	1086906	43.021	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	263009	29.965	ng	99
83) Chrysene	14.05	228	1044618	42.589	ng	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	672273	41.046	ng	100
85) Di-n-octyl phthalate	14.60	149	1113599	42.806	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	909637	44.156	ng	100
88) Benzo(b)fluoranthene	15.06	252	945977	43.793	ng	97
89) Benzo(k)fluoranthene	15.09	252	959604	45.609	ng	99
90) Benzo(a)pyrene	15.43	252	899180	46.566	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	756189	45.241	ng	99
92) Benzo(g,h,i)perylene	17.41	276	753527	45.903	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB121801BS

Tot Ion:152 Resp: 144672

Ion Ratio Lower Upper

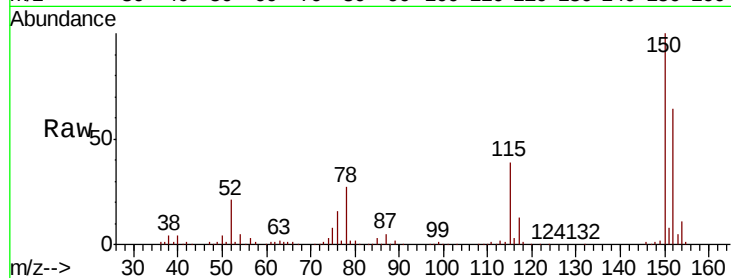
152 100

150 156.9 127.4 191.0

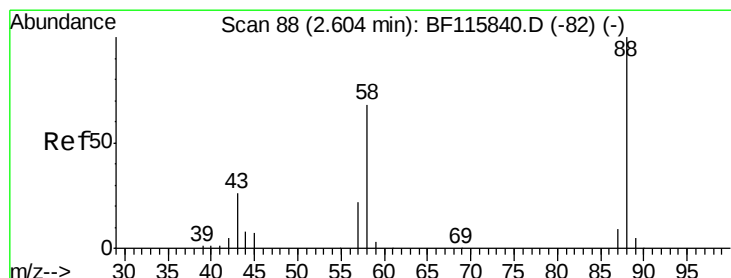
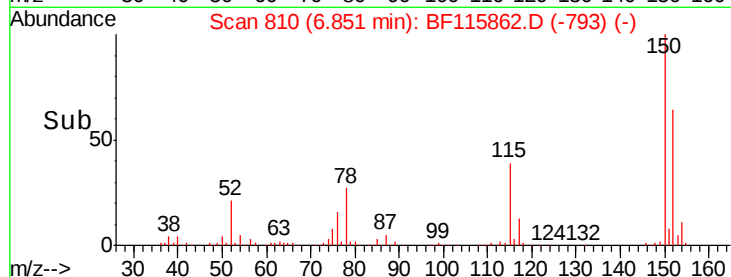
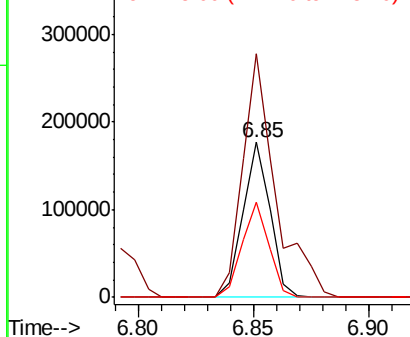
115 61.7 51.8 77.8

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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: 41.987 ng

RT: 2.73 min Scan# 109

Delta R.T. 0.12 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

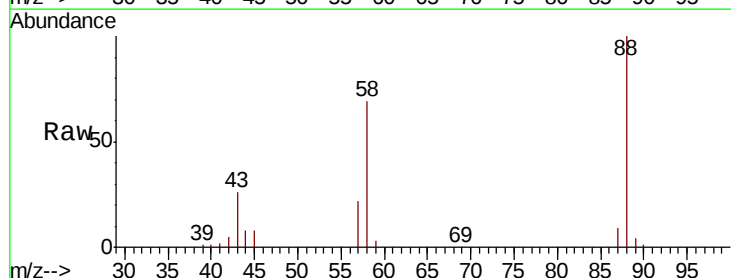
Tgt Ion: 88 Resp: 183307

Ion Ratio Lower Upper

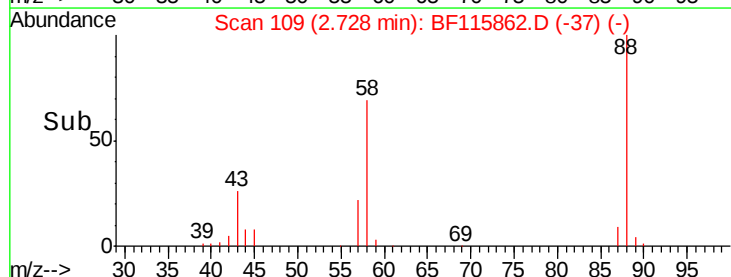
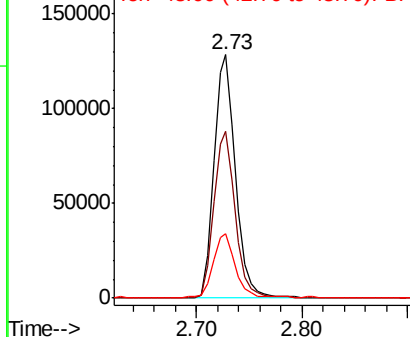
88 100

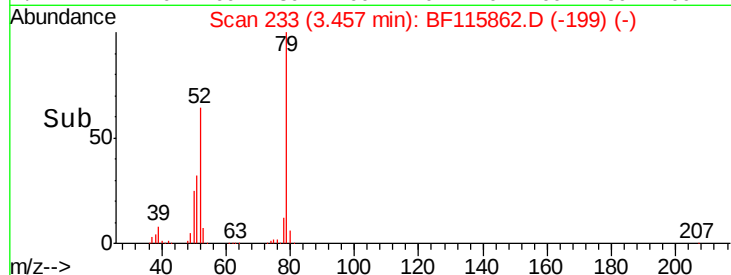
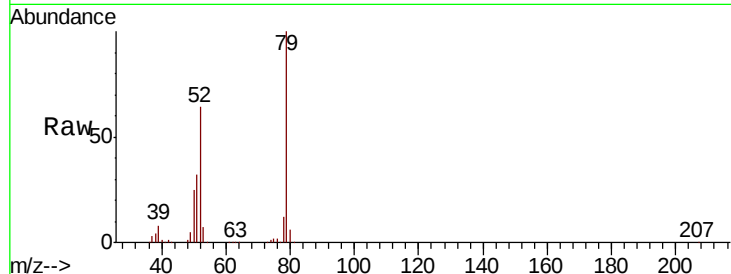
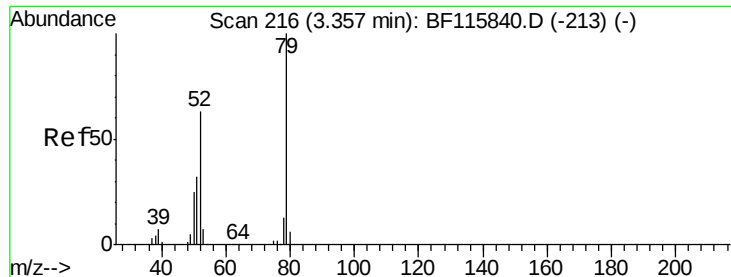
58 68.9 54.1 81.1

43 26.3 20.7 31.1



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





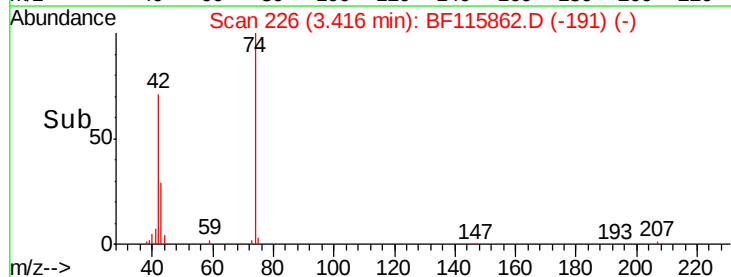
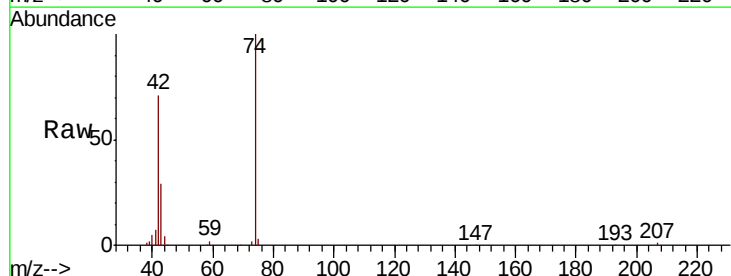
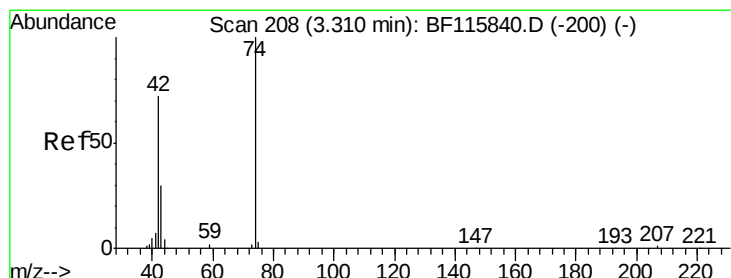
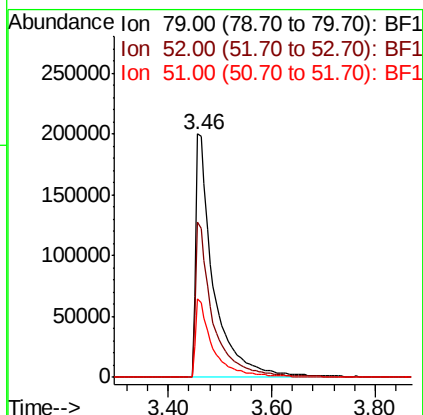
#3
Pvridine
Concen: 38.954 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.10 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.5	50.2	75.4
51	32.4	25.8	38.6

Instrument :
BNA_F
ClientSampleId :
PB121801BS

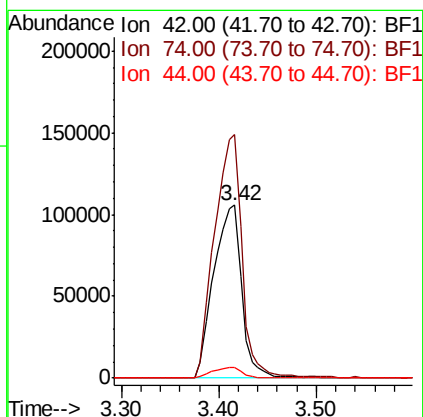
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#4
n-Nitrosodimethylamine
Concen: 43.808 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	141.0	111.0	166.4
44	5.9	4.7	7.1





#5

2-Fluorophenol

Concen: 114.551 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

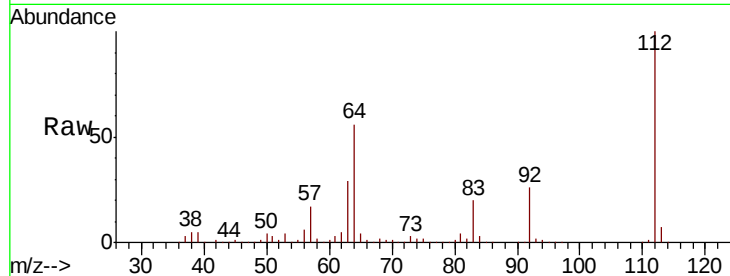
ClientSampleId :

PB121801BS

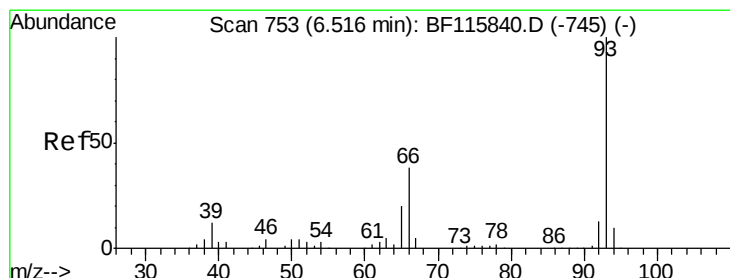
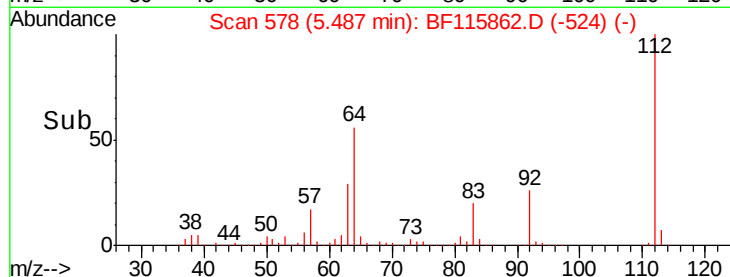
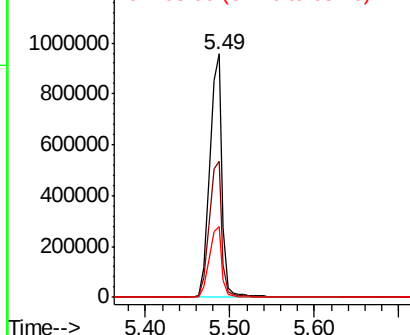
Tot Ion:	112	Resp:	989947
Ion Ratio	Lower	Upper	
112	100		
64	55.7	46.8	70.2
63	29.2	24.2	36.2

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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: 33.225 ng

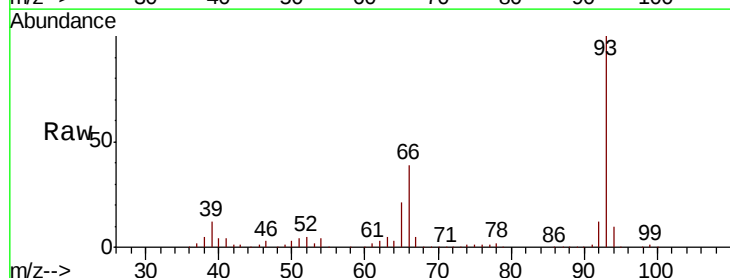
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

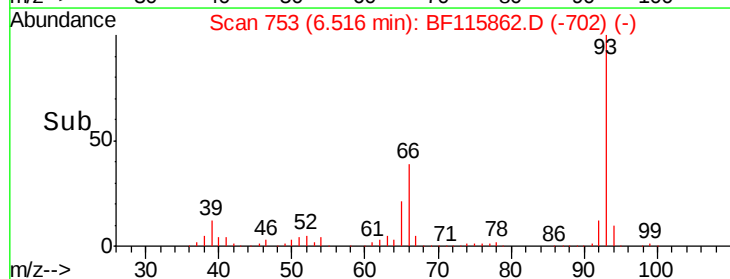
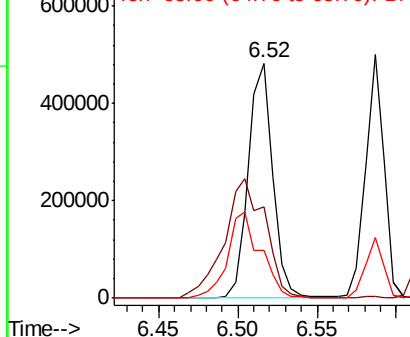
Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	93	Resp:	518808
Ion Ratio	Lower	Upper	
93	100		
66	38.9	31.4	47.0
65	20.6	16.5	24.7



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: 115.091 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB121801BS

Tot Ion: 99 Resp: 1254884

Ion Ratio Lower Upper

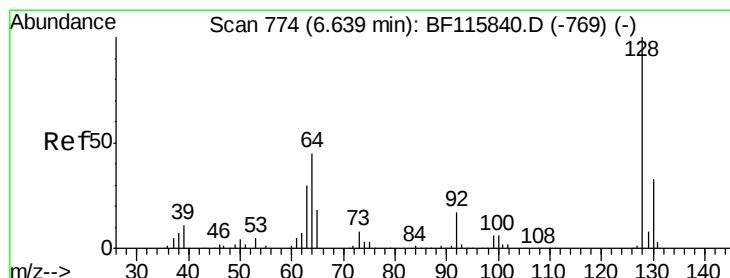
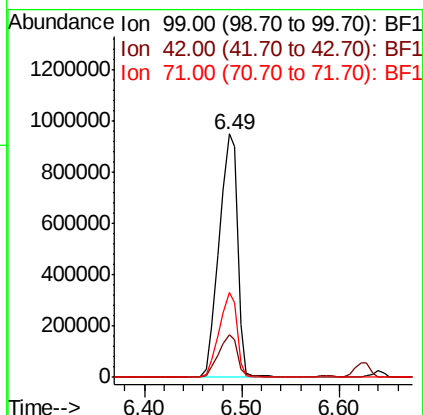
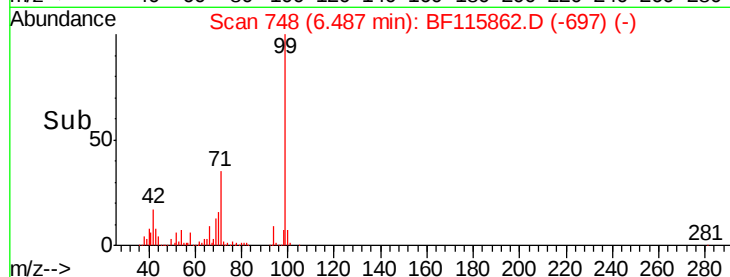
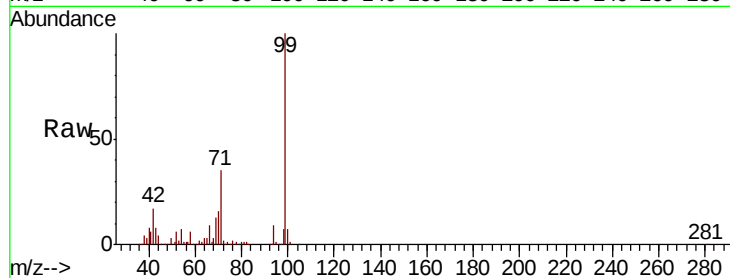
99 100

42 17.5 13.8 20.6

71 34.9 27.1 40.7

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#8

2-Chlorophenol

Concen: 44.826 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

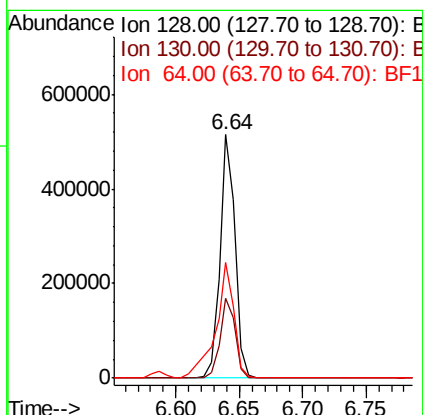
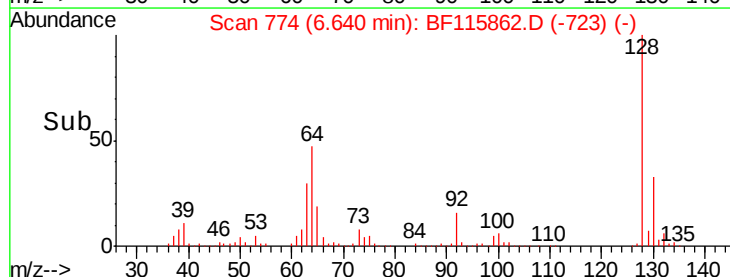
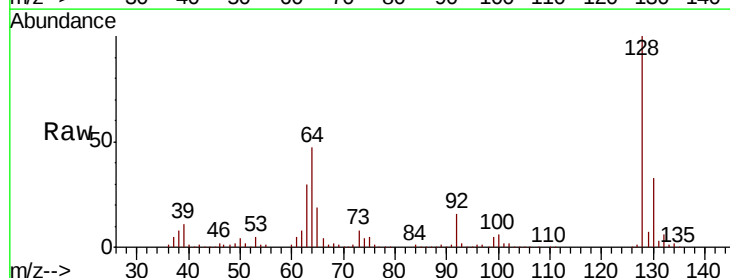
Tgt Ion: 128 Resp: 428366

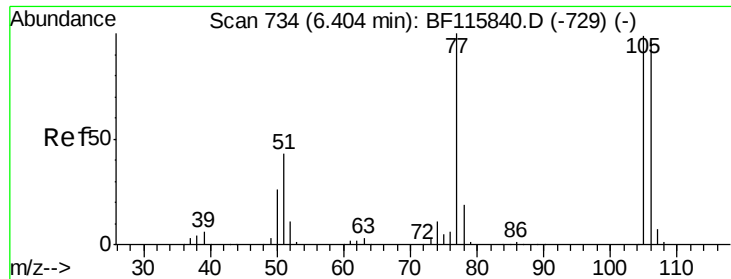
Ion Ratio Lower Upper

128 100

130 33.0 12.9 52.9

64 47.3 26.1 66.1





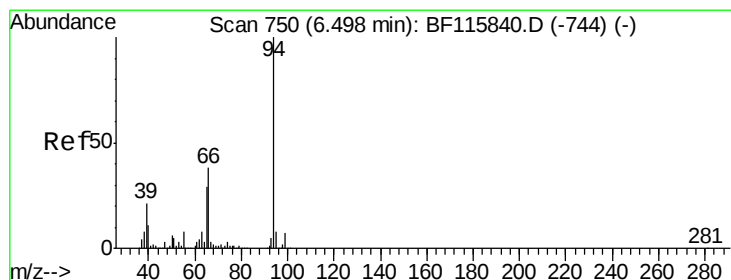
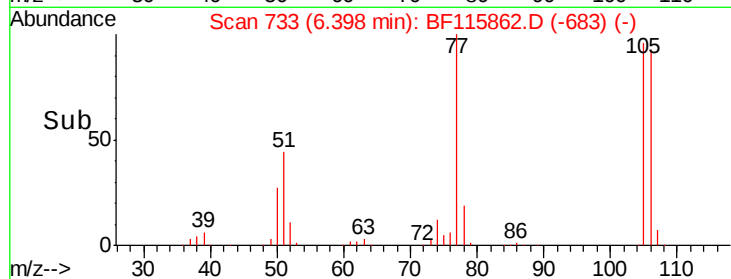
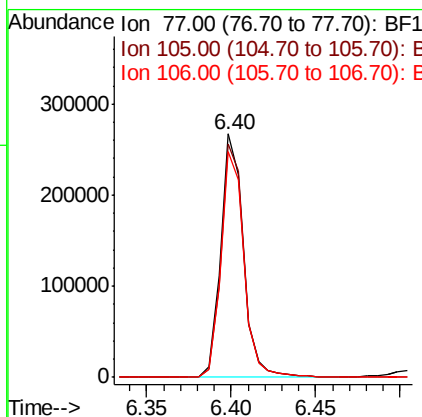
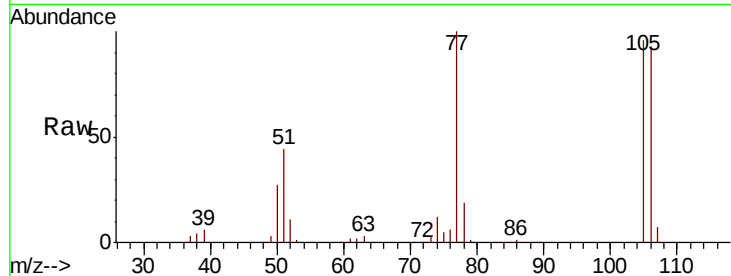
#9
Benzaldehyde
Concen: 33.279 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.1	79.0	119.0
106	92.7	76.2	116.2

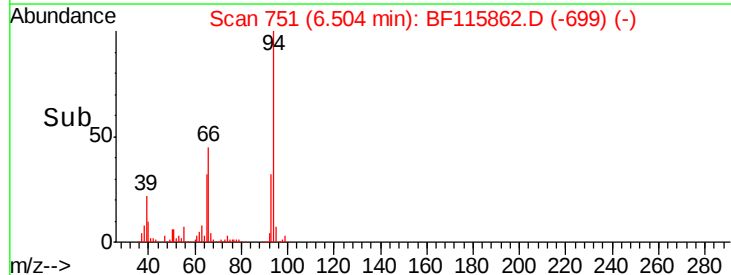
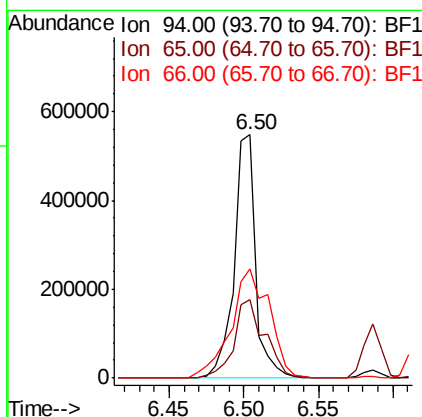
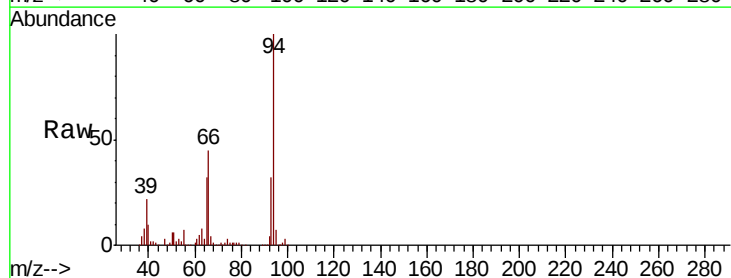
Manual Integrations
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#10
Phenol
Concen: 43.378 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.4	8.9	48.9
66	44.9	18.0	58.0





#11

bis(2-Chloroethyl)ether

Concen: 43.233 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

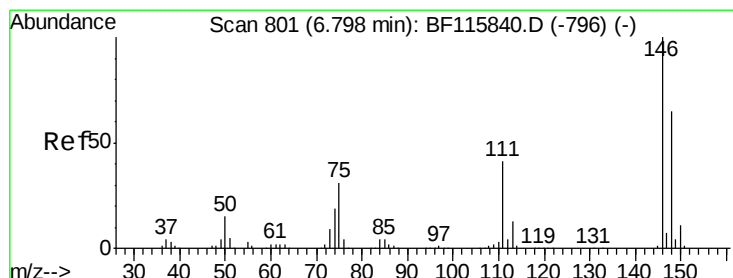
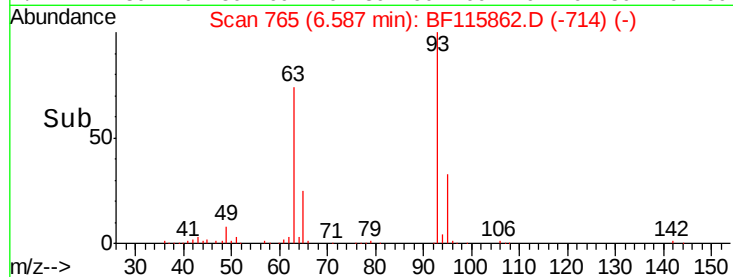
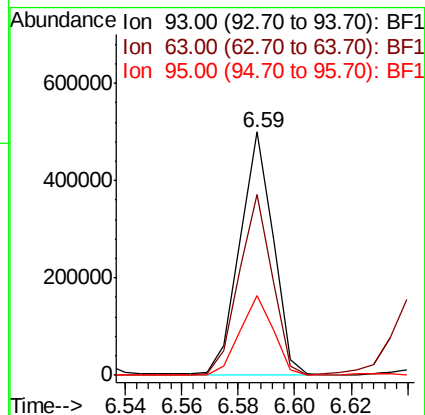
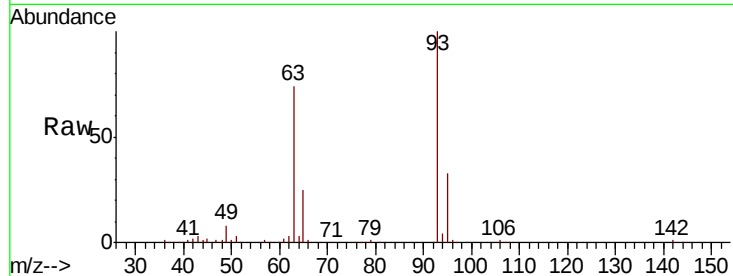
ClientSampleId :

PB121801BS

Tot Ion:	93	Resp:	408115
Ion Ratio	Lower	Upper	
93	100		
63	74.1	54.9	94.9
95	32.9	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 42.035 ng

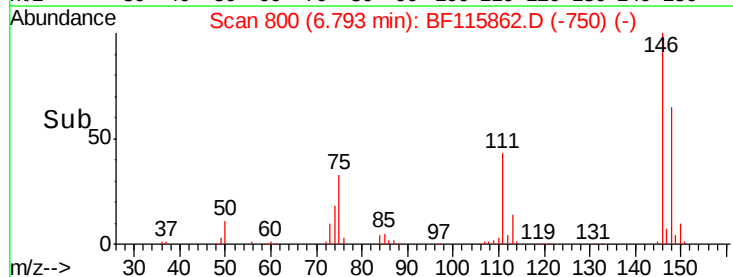
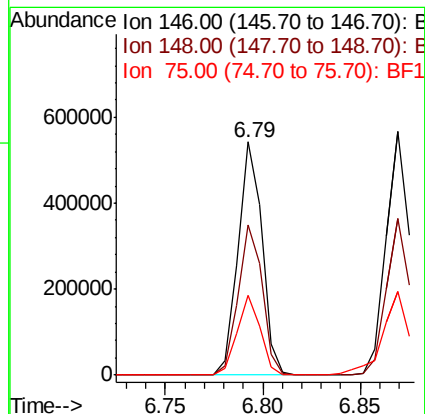
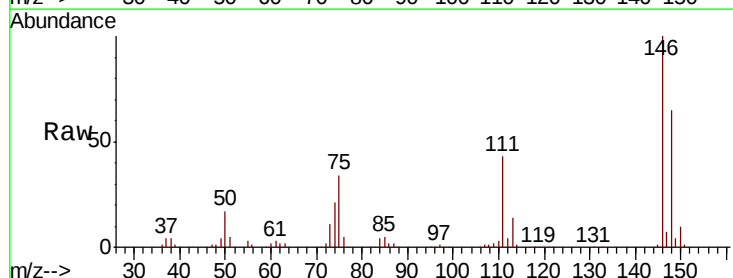
RT: 6.79 min Scan# 800

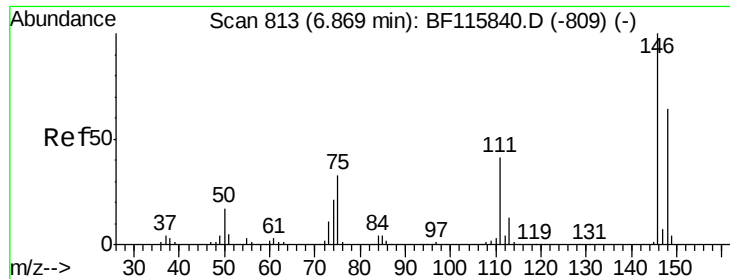
Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	146	Resp:	464236
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.1	78.1
75	34.1	25.0	37.6





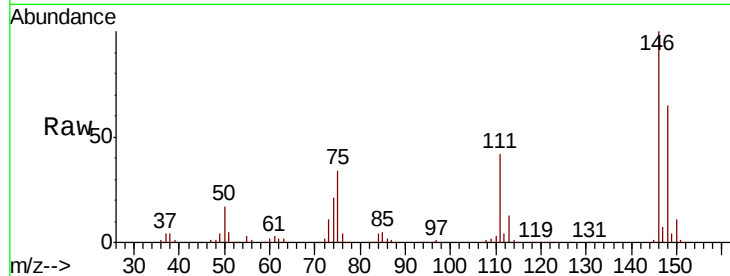
#13
 1,4-Dichlorobenzene
 Concen: 42.655 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

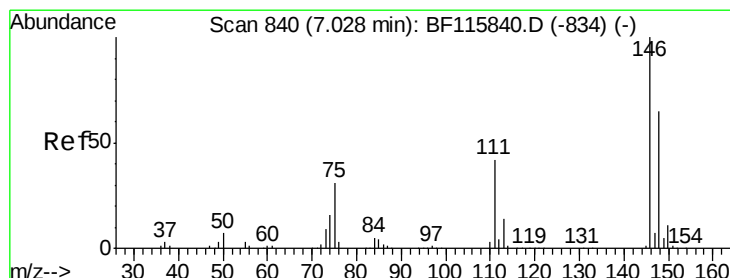
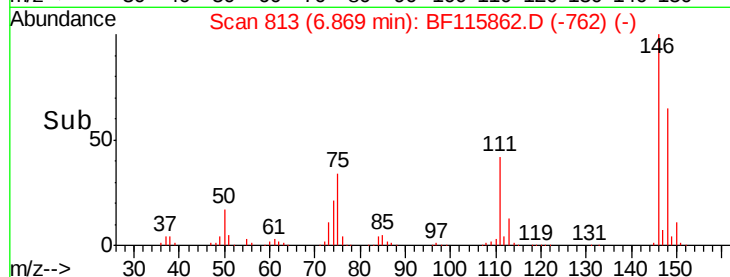
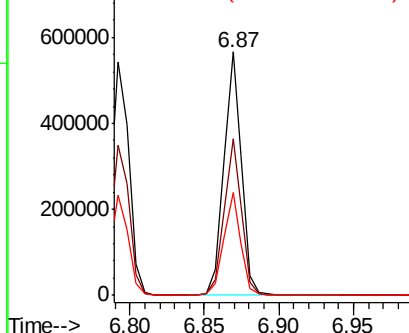
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.2	76.8
111	42.1	33.2	49.8

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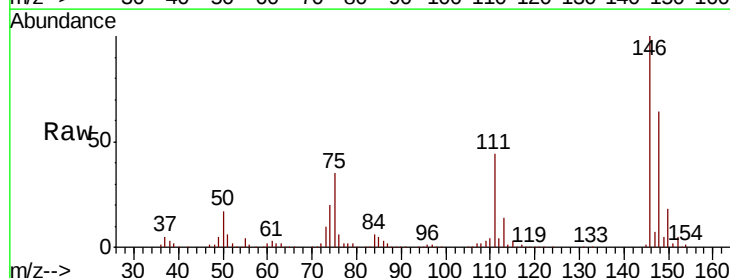


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

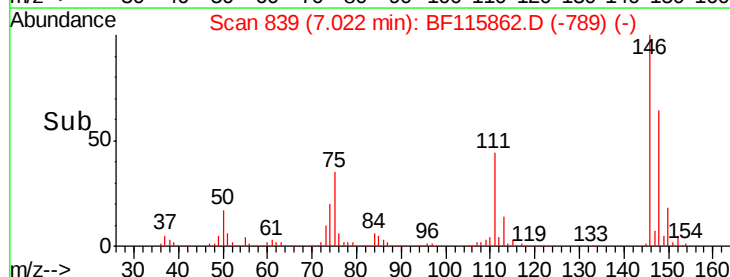
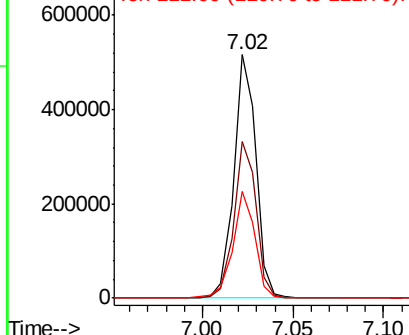


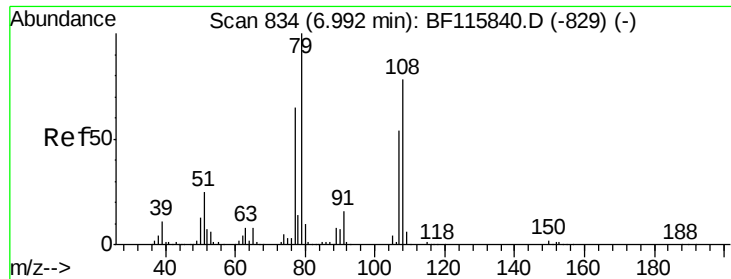
#14
 1,2-Dichlorobenzene
 Concen: 42.831 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	44.0	33.6	50.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.592 ng

RT: 6.99 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

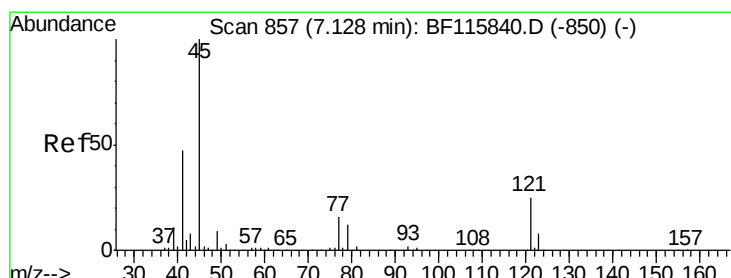
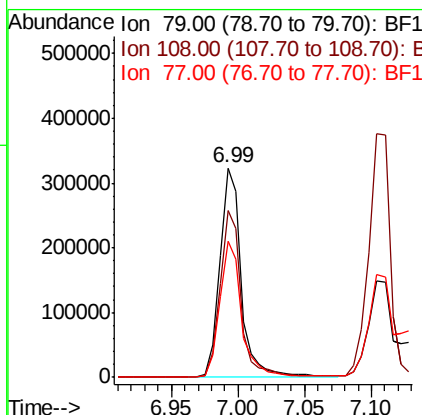
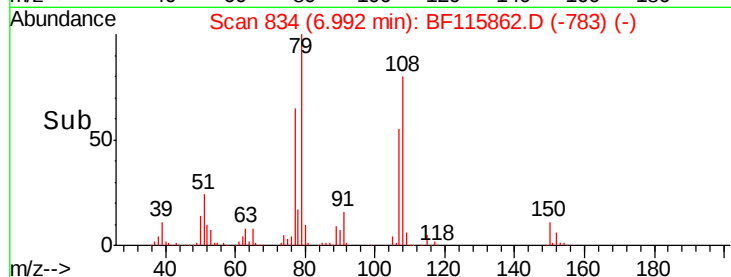
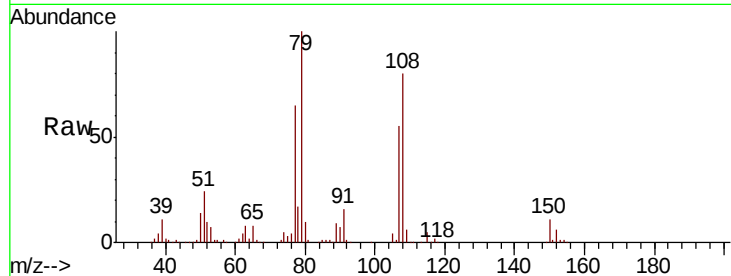
ClientSampleID :

PB121801BS

Tot Ion:	79	Resp:	368976
Ion	Ratio	Lower	Upper
79	100		
108	79.5	62.8	94.2
77	65.3	52.0	78.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.901 ng

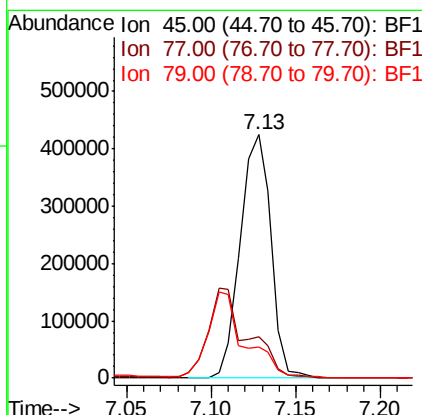
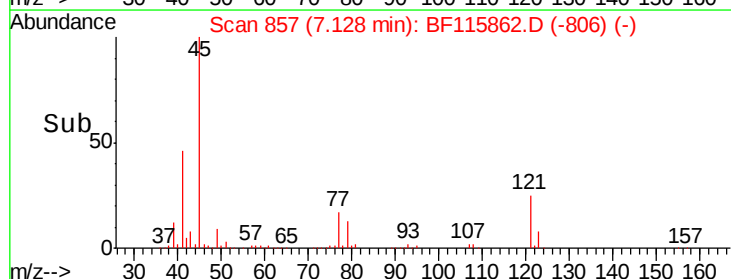
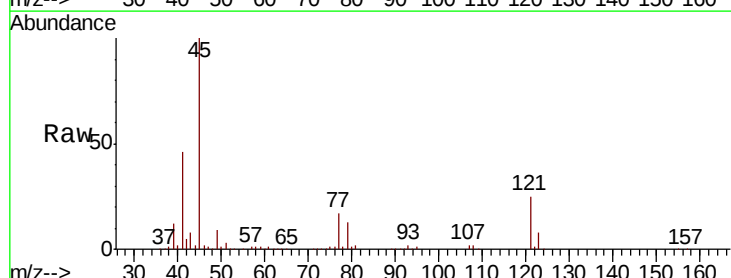
RT: 7.13 min Scan# 857

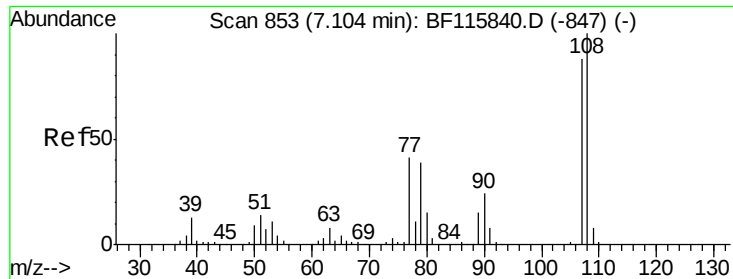
Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	45	Resp:	539528
Ion	Ratio	Lower	Upper
45	100		
77	16.9	0.0	36.3
79	12.8	0.0	32.5





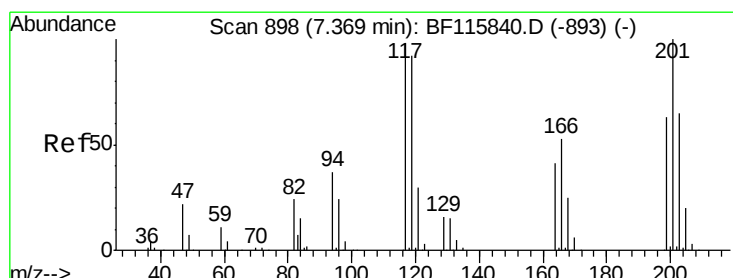
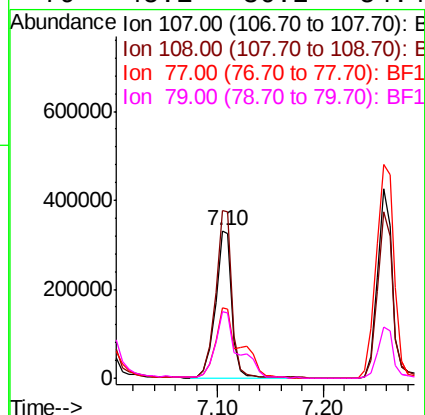
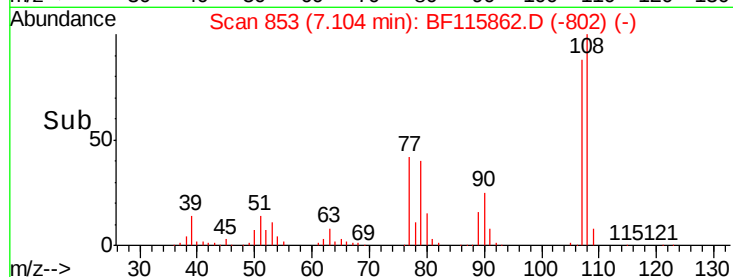
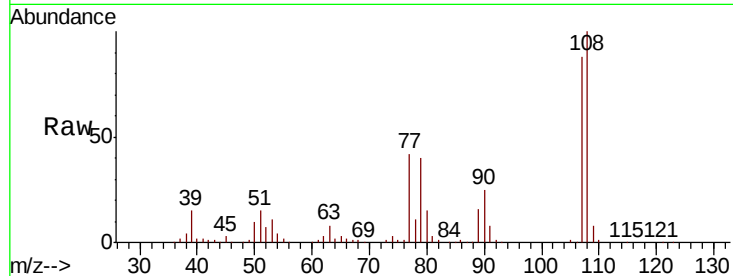
#17
2-Methylphenol
Concen: 45.087 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion:	107	Resp:	364833
Ion Ratio	Lower	Upper	
107	100		
108	113.6	91.4	137.0
77	47.7	37.6	56.4
79	45.1	36.2	54.4

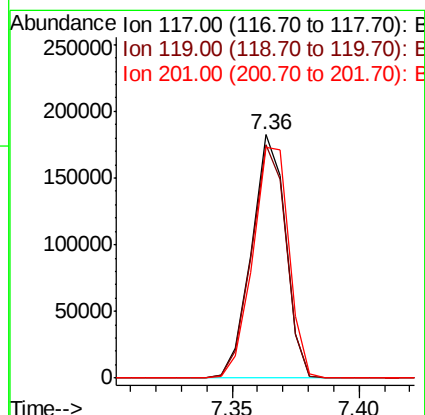
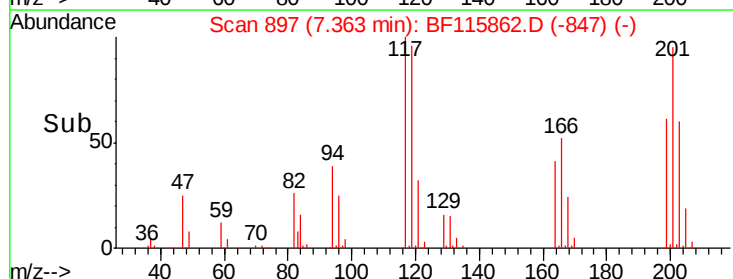
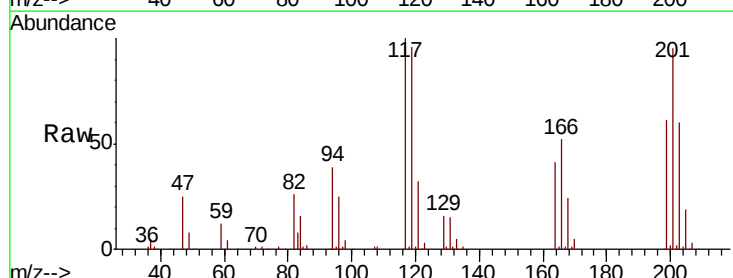
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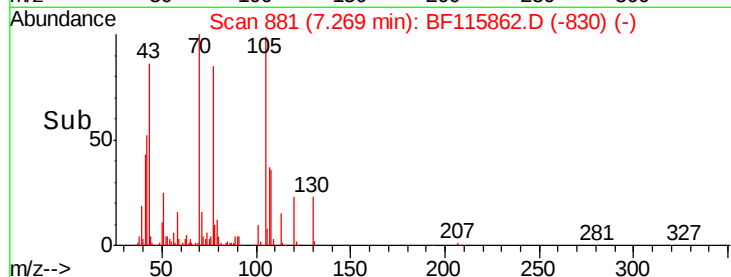
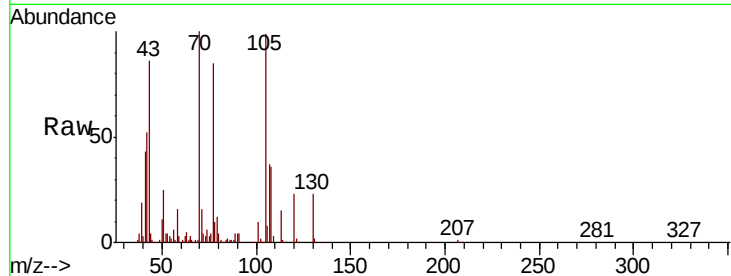
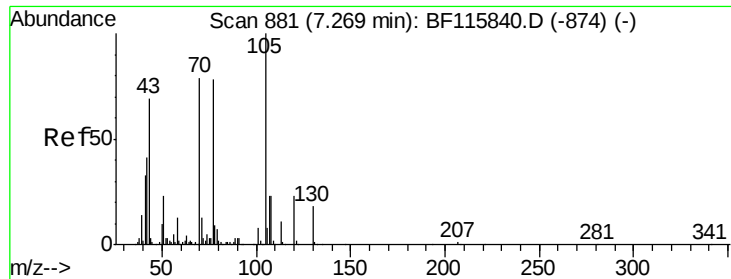
mohammad
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#18
Hexachloroethane
Concen: 42.025 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:	117	Resp:	171099
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.8	113.6
201	94.6	82.0	123.0





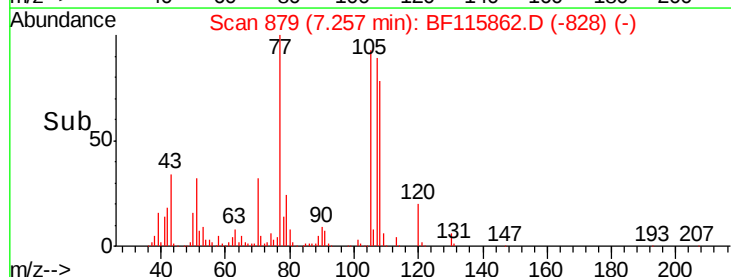
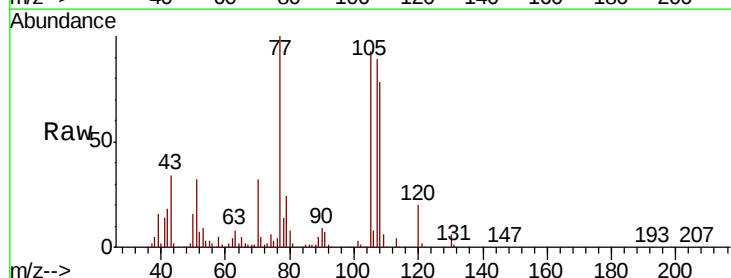
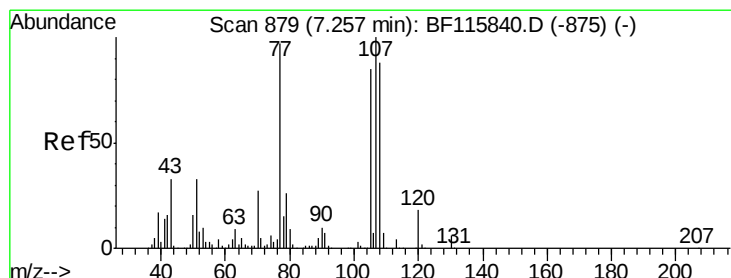
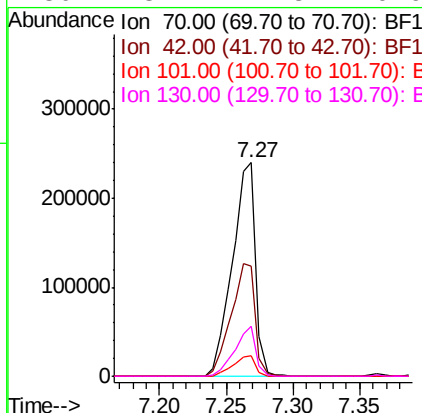
#19
n-Nitroso-di-n-propylamine
Concen: 43.342 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	51.8	41.8	62.8
101	9.8	7.7	11.5
130	23.1	17.8	26.6

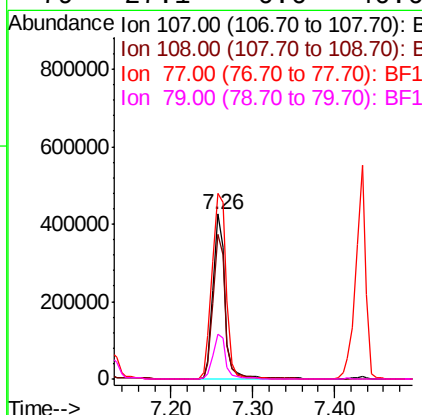
Manual Integrations
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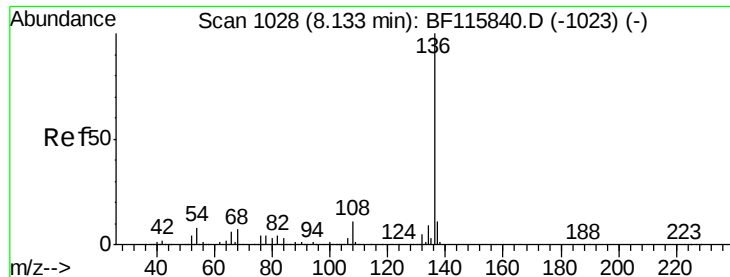
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#20
3+4-Methylphenols
Concen: 44.896 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.0	67.9	107.9
77	112.9	77.3	117.3
79	27.1	6.6	46.6





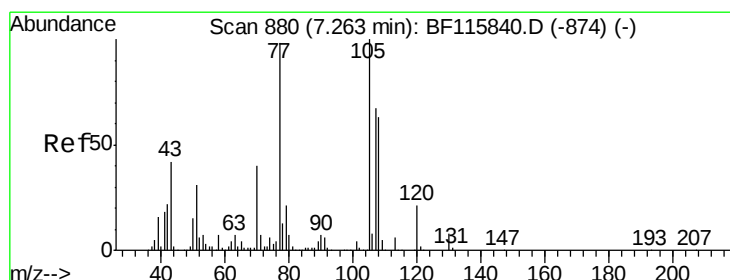
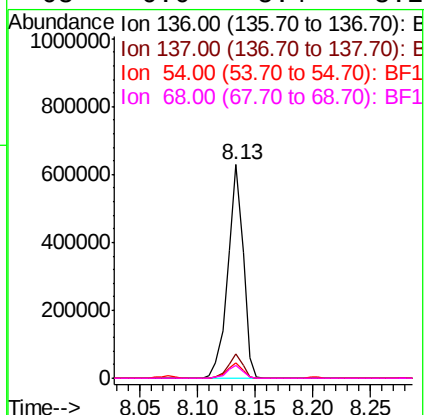
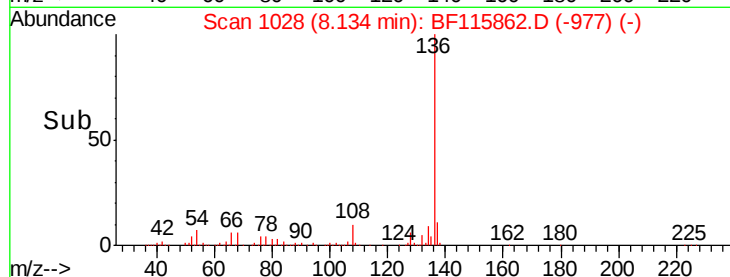
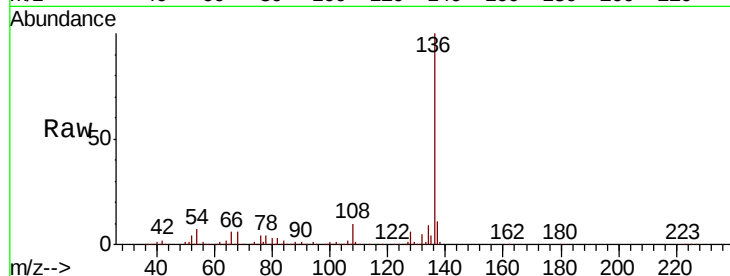
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	579077		
137	11.2		9.1	13.7
54	7.3		6.1	9.1
68	6.0		5.4	8.2

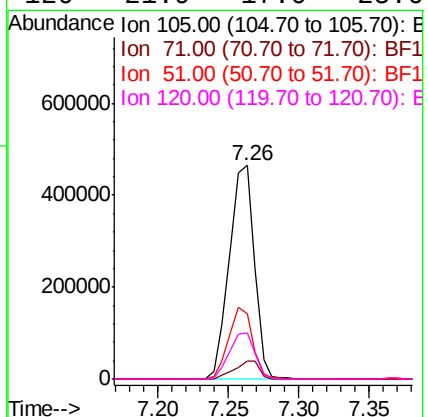
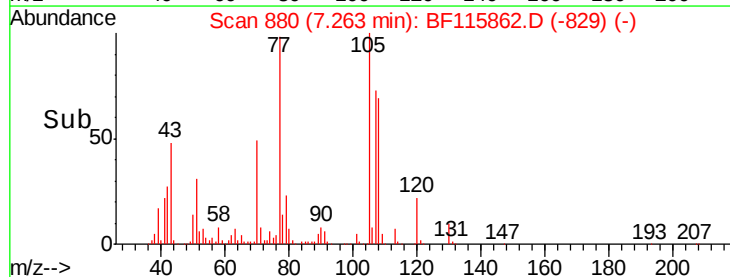
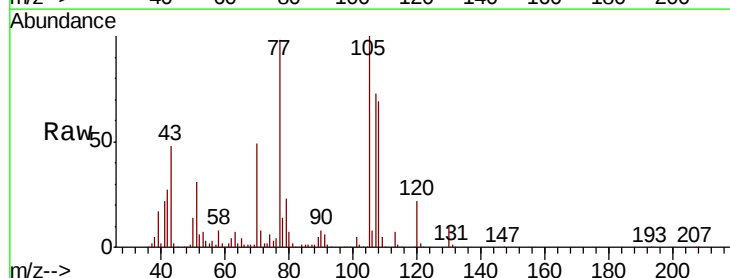
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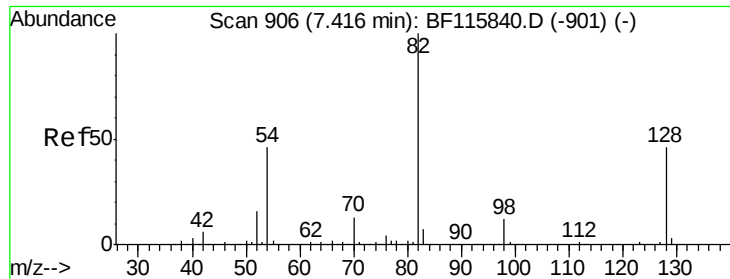
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#22
Acetophenone
Concen: 45.341 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575828		
71	8.4		5.4	8.0#
51	30.5		24.6	36.8
120	21.9		17.0	25.6





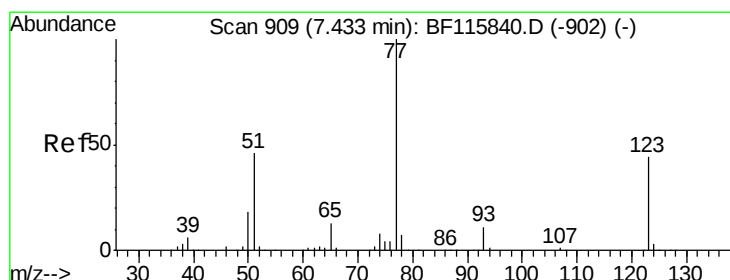
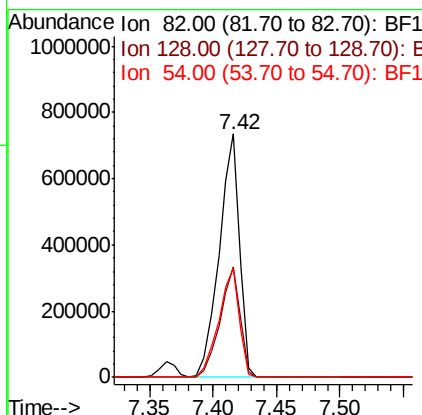
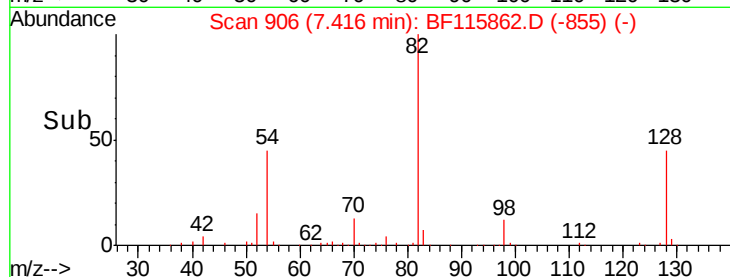
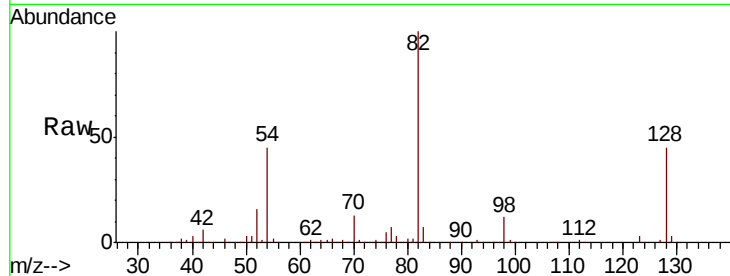
#23
Nitrobenzene-d5
Concen: 81.728 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	55.0
54	44.9	36.6	55.0

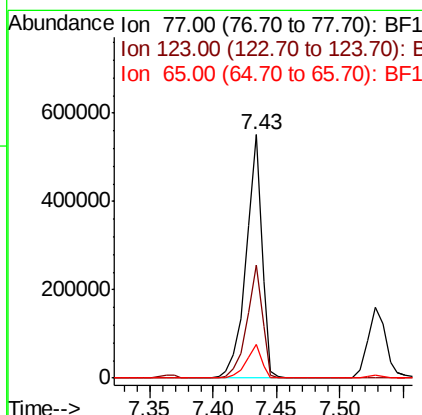
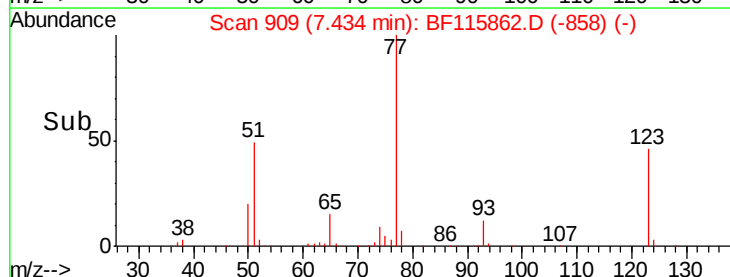
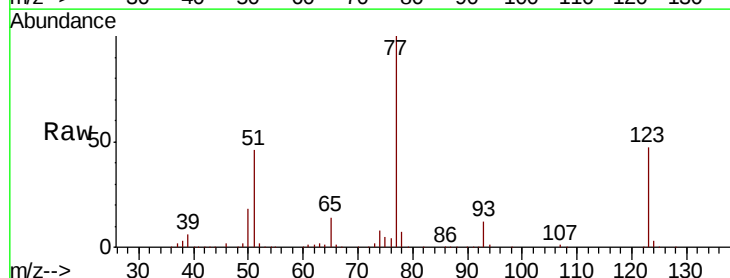
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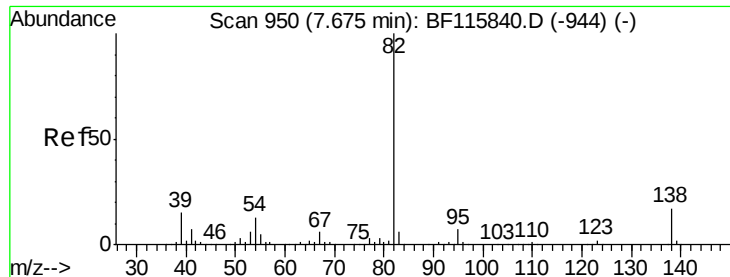
mohammad
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#24
Nitrobenzene
Concen: 43.710 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	35.5	53.3
65	13.7	10.6	15.8





#25

Isophorone

Concen: 44.027 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

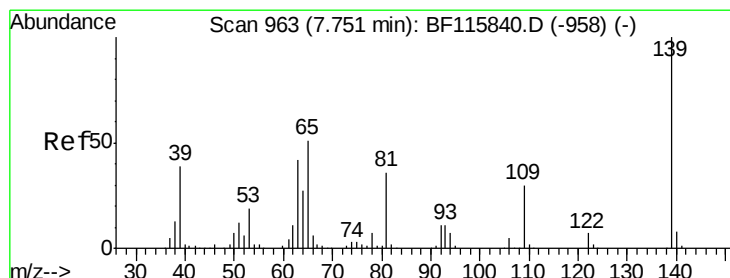
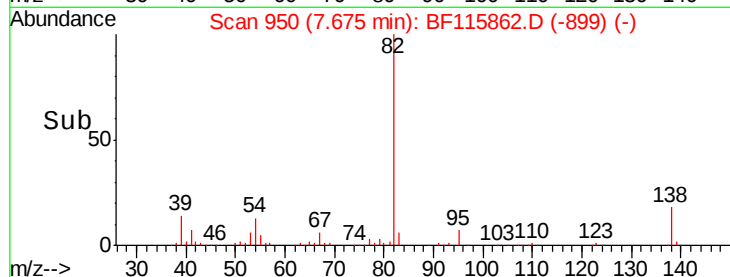
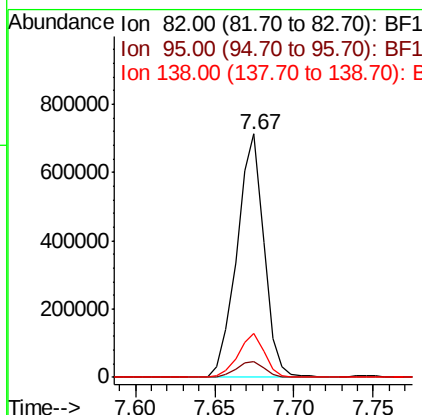
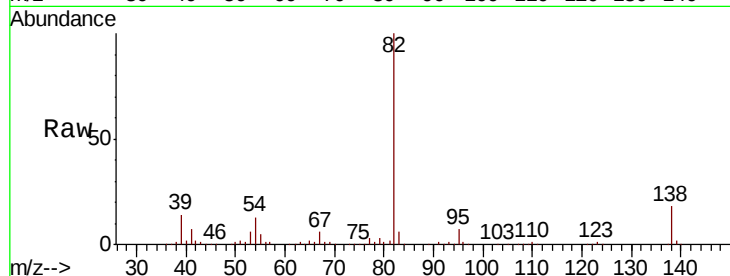
ClientSampleId :

PB121801BS

Tot Ion:	82	Resp:	844555
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	18.1	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.934 ng

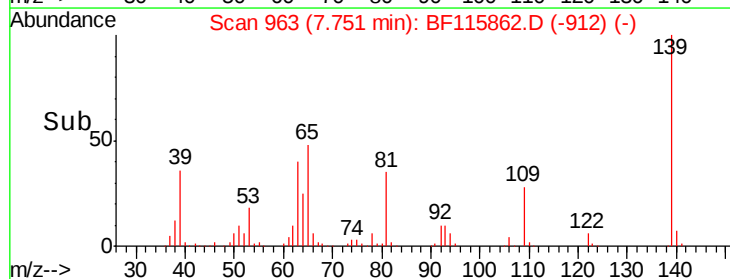
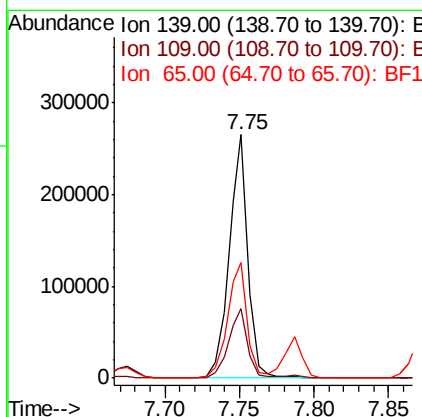
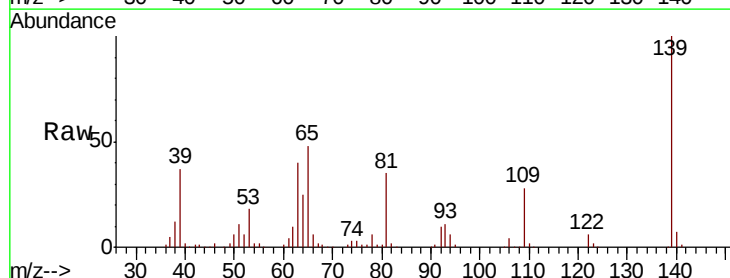
RT: 7.75 min Scan# 963

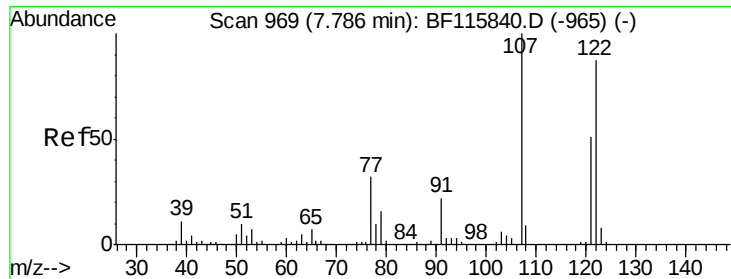
Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	139	Resp:	234543
Ion Ratio	Lower	Upper	
139	100		
109	28.5	23.6	35.4
65	47.6	40.6	60.8





#27

2,4-Dimethylphenol

Concen: 49.588 ng

RT: 7.79 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

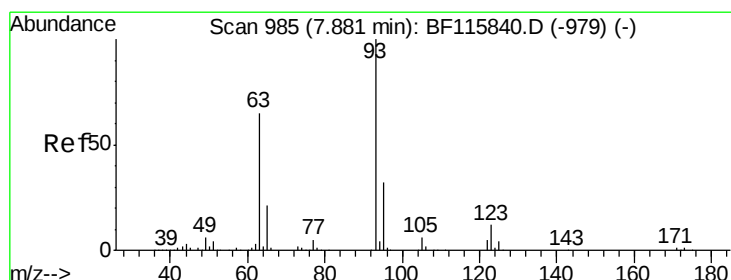
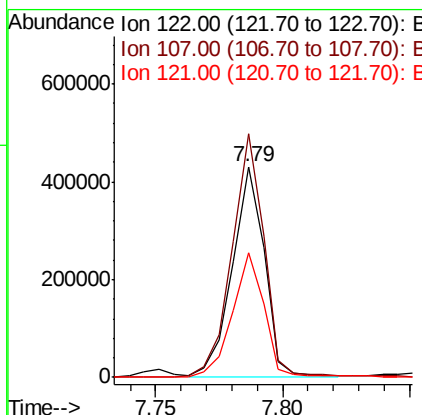
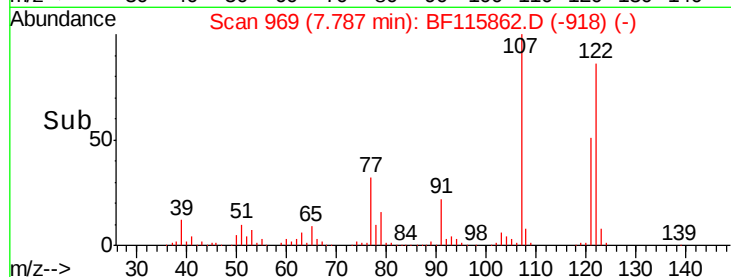
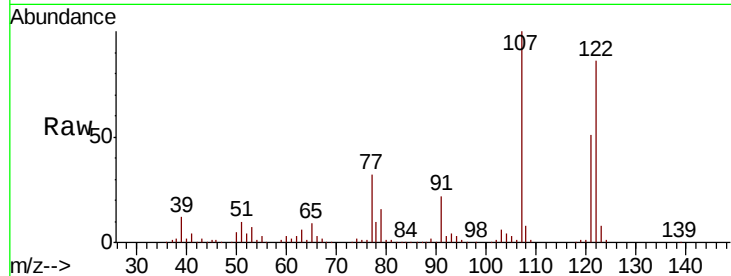
ClientSampleId :

PB121801BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.7	137.5
121	59.5	46.6	70.0

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#28

bis(2-Chloroethoxy)methane

Concen: 42.674 ng

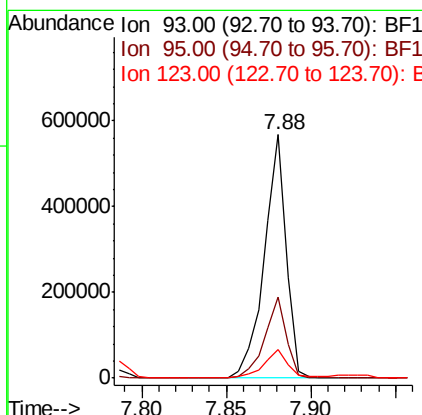
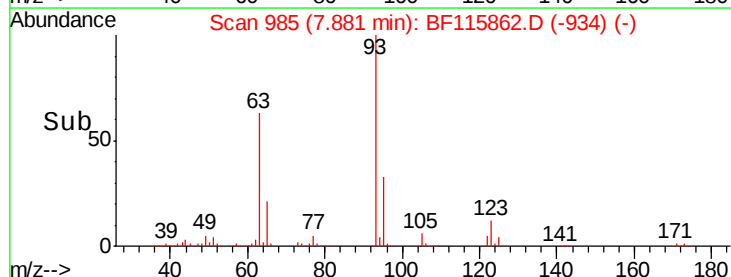
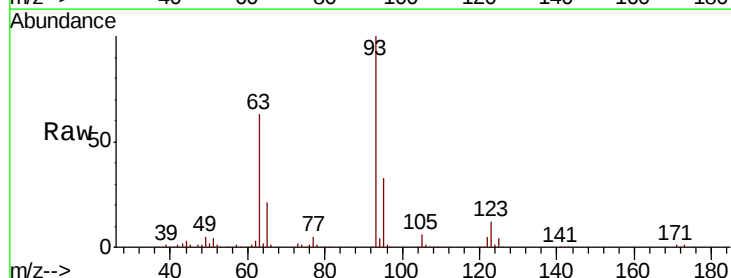
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.0	39.0
123	12.0	9.5	14.3





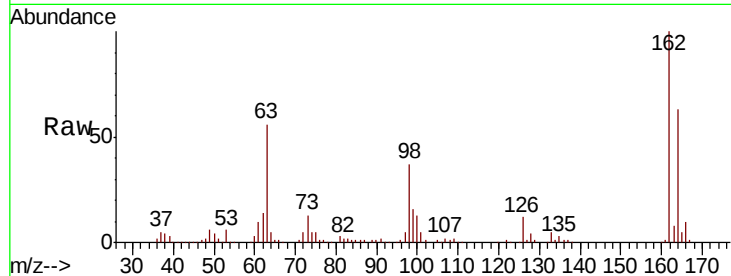
#29
2,4-Dichlorophenol
Concen: 44.946 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	43.2	83.2
98	36.9	17.3	57.3

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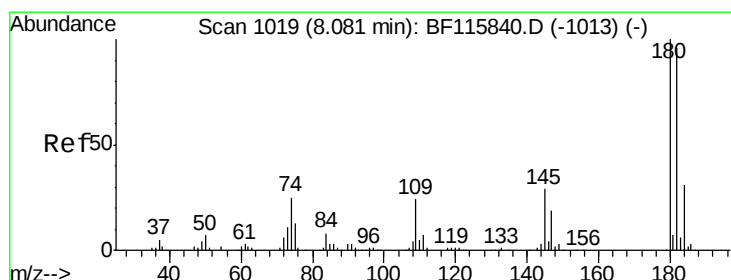
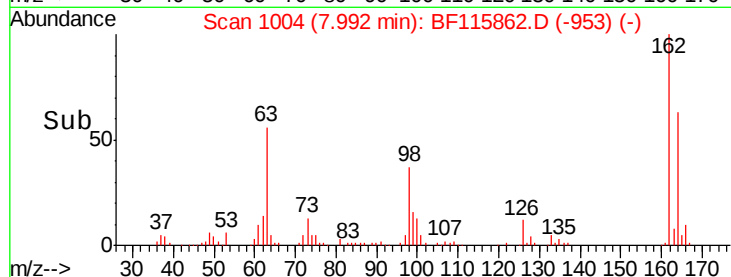
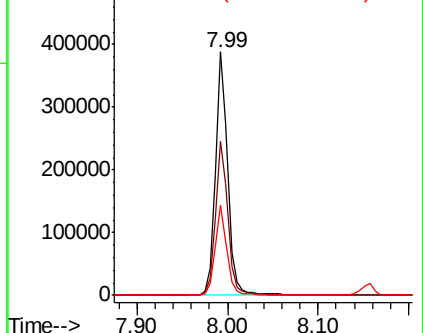


Abundance

Ion 162.00 (161.70 to 162.70): E

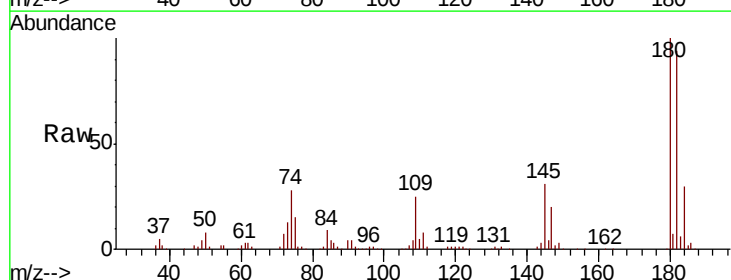
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 43.297 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	76.6	114.8
145	30.5	23.2	34.8

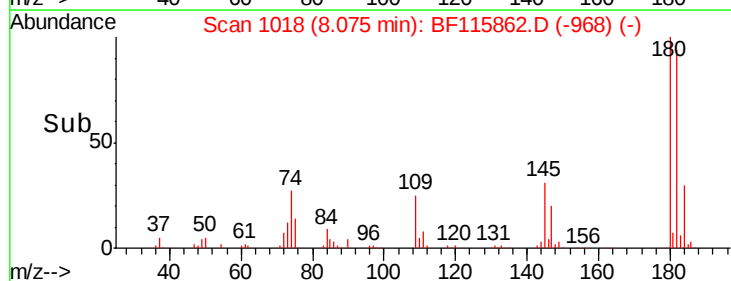
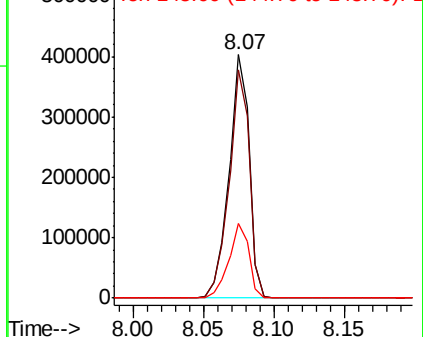


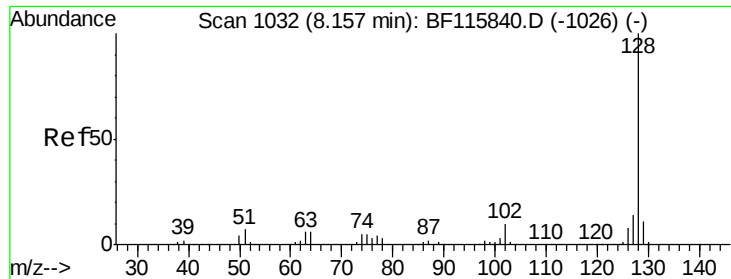
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





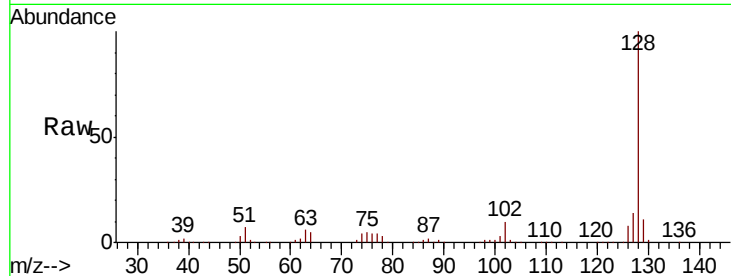
#31
Naphthalene
Concen: 45.669 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

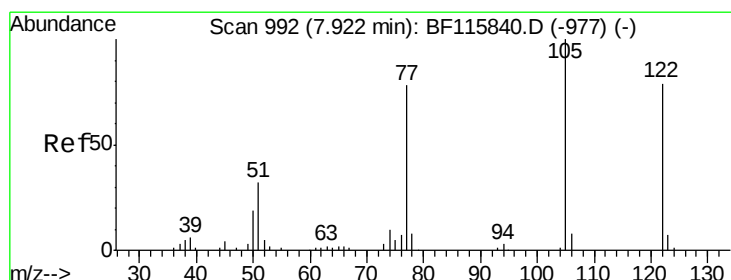
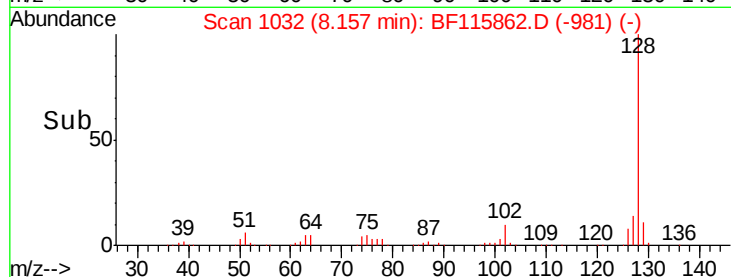
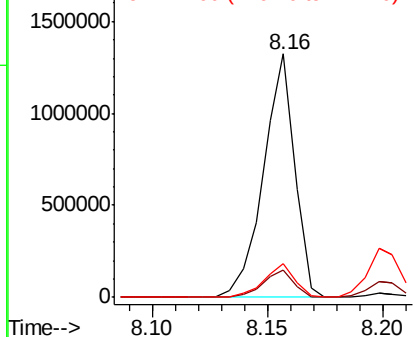
Tot Ion:128 Resp: 1244475
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.7 11.0 16.4

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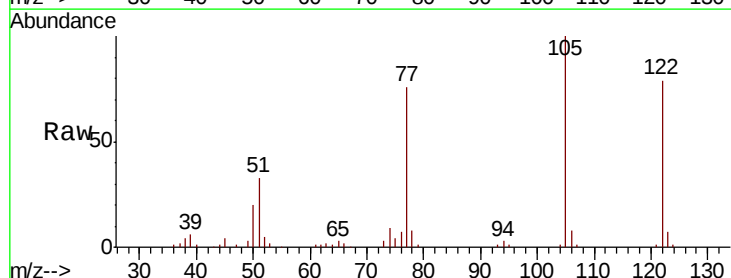


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

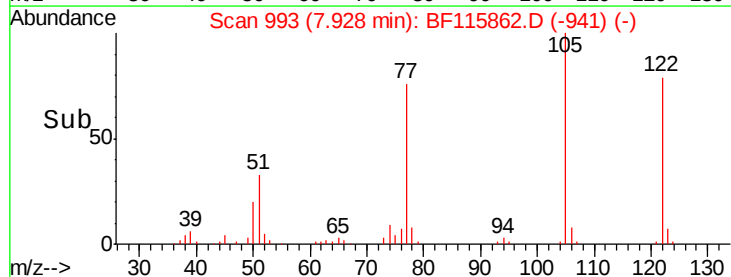
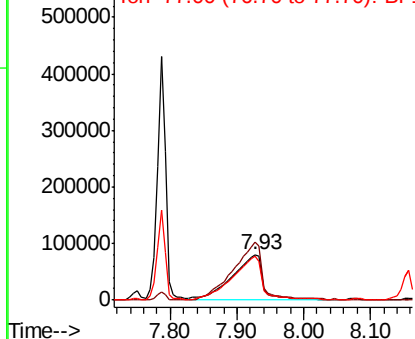


#32
Benzoic acid
Concen: 46.852 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion:122 Resp: 253752
Ion Ratio Lower Upper
122 100
105 126.8 103.1 143.1
77 96.6 76.8 116.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





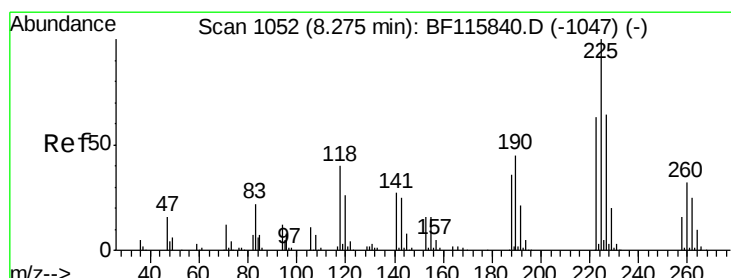
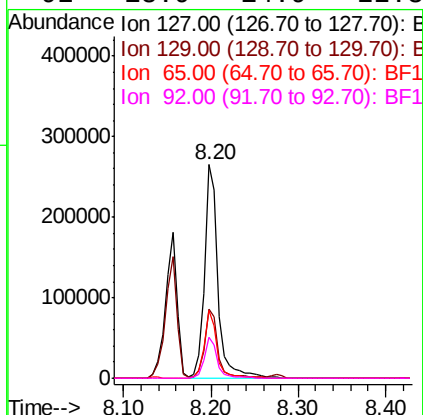
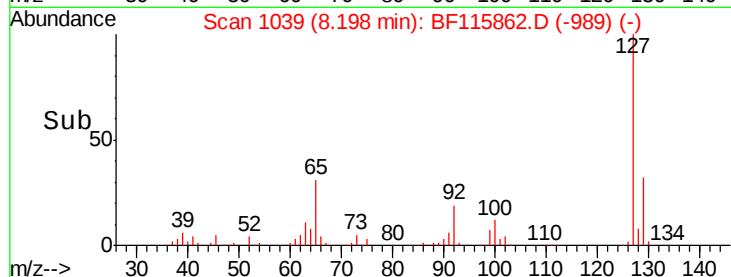
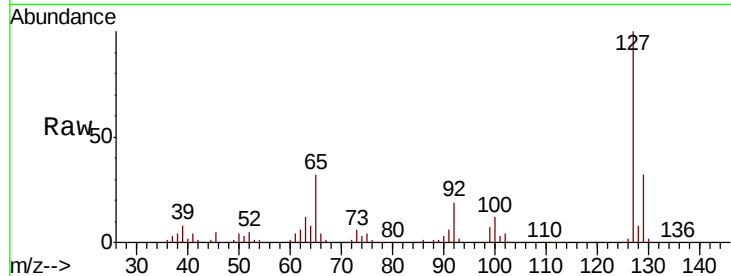
#33
4-Chloroaniline
Concen: 23.382 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.0	39.0		
65	31.6	23.9	35.9		
92	18.9	14.9	22.3		

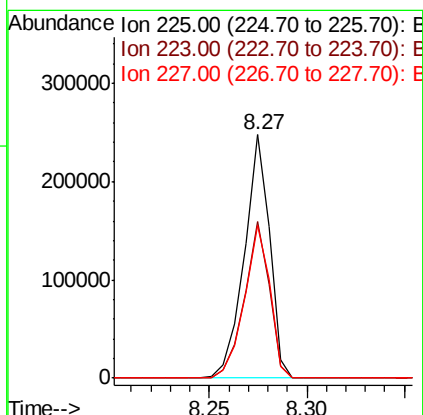
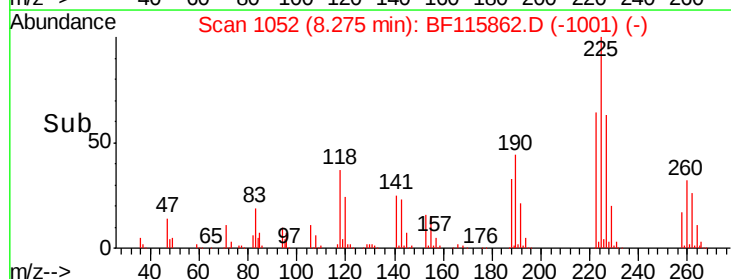
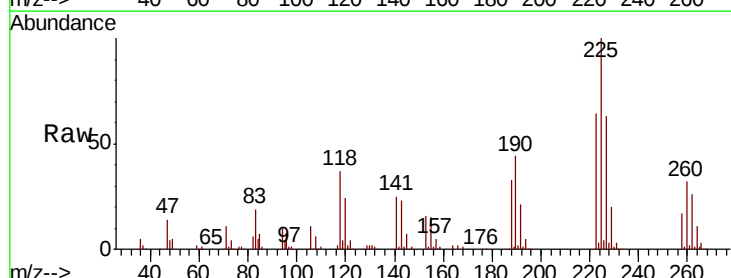
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#34
Hexachlorobutadiene
Concen: 41.667 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.5	50.4	75.6		
227	62.6	51.6	77.4		





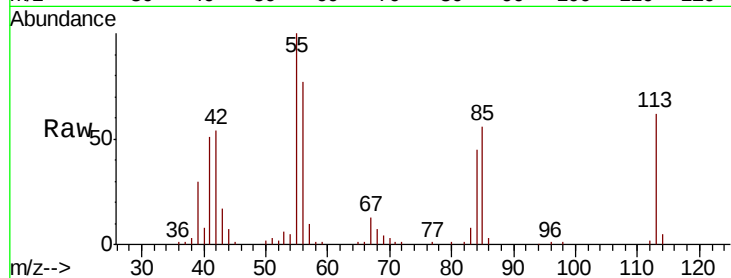
#35
Caprolactam
Concen: 42.706 ng/ml
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleID :
PB121801BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.5	138.1	178.1
56	124.4	100.6	140.6

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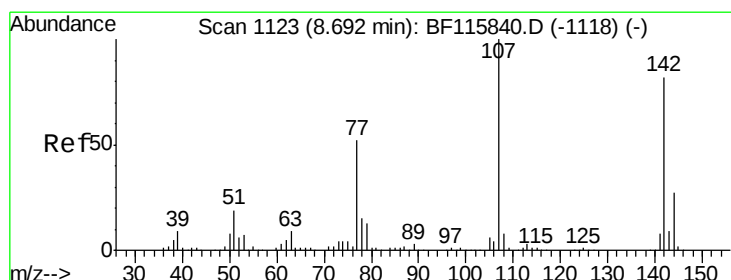
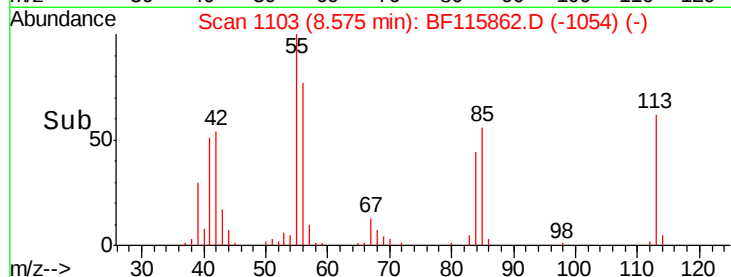
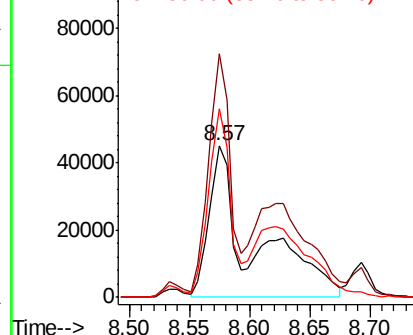


Abundance

Ion 113.00 (112.70 to 113.70): E

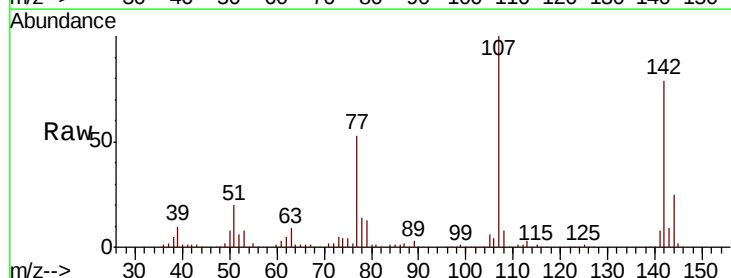
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 45.160 ng/ml
RT: 8.69 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	21.4	32.0
142	78.8	65.5	98.3

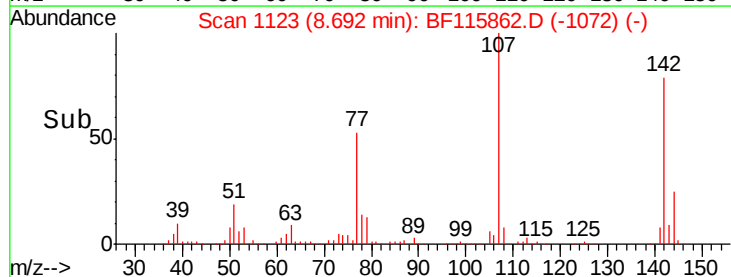
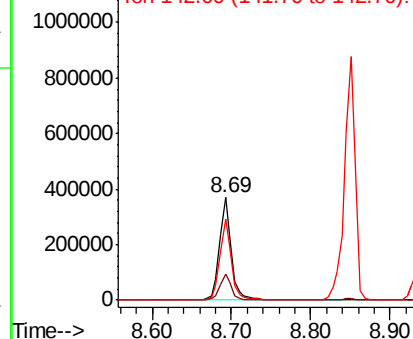


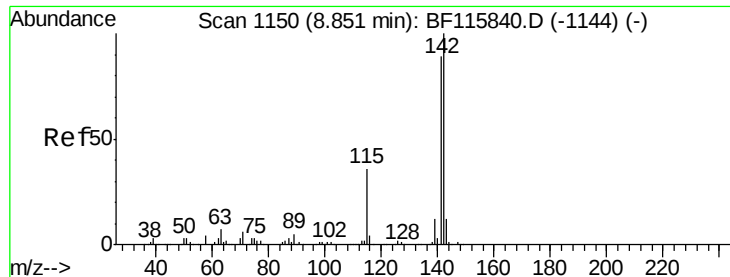
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





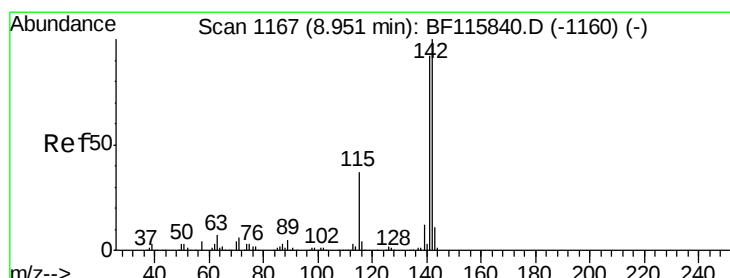
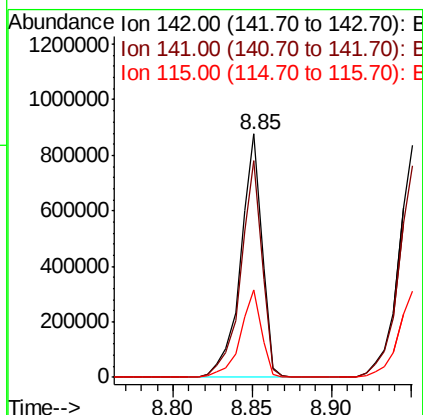
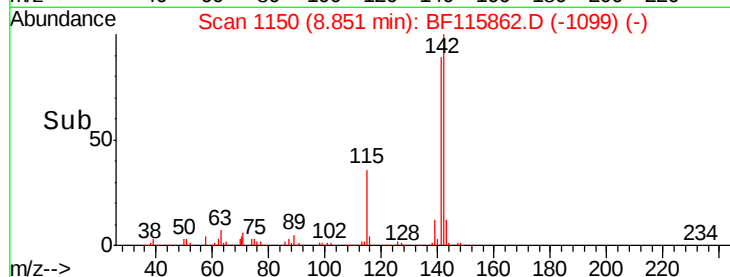
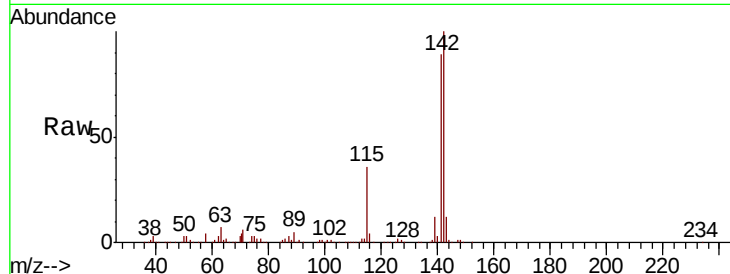
#37
2-Methylnaphthalene
Concen: 45.412 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2
115	35.8	28.9	43.3

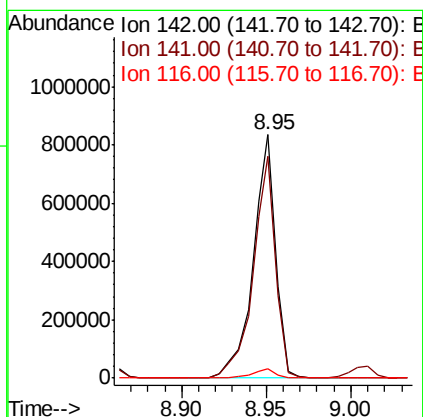
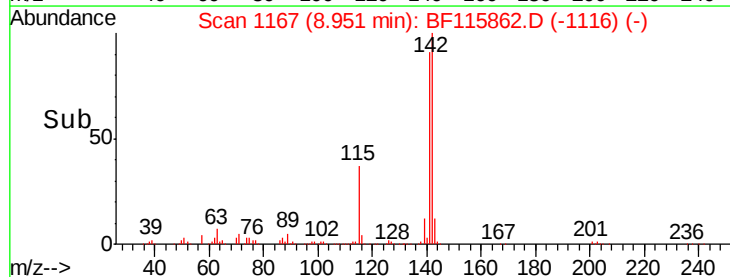
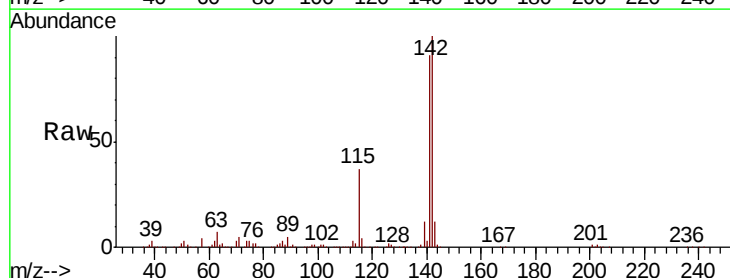
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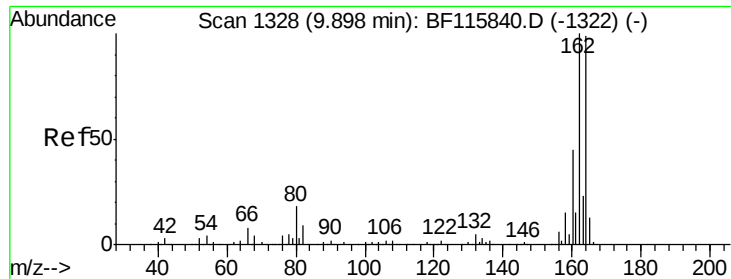
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#38
1-Methylnaphthalene
Concen: 45.277 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.8	110.6
116	3.7	3.1	4.7





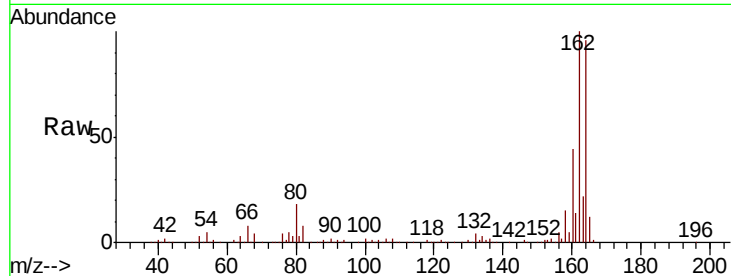
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.8	80.8	121.2	
160	46.0	36.2	54.4	

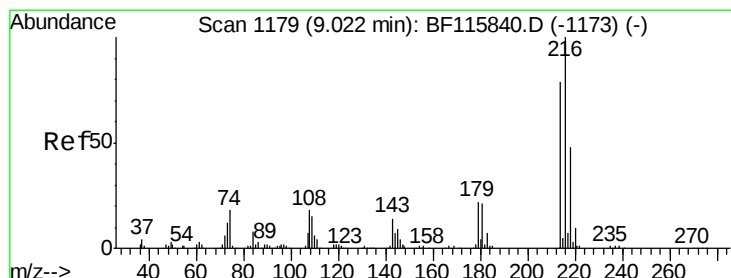
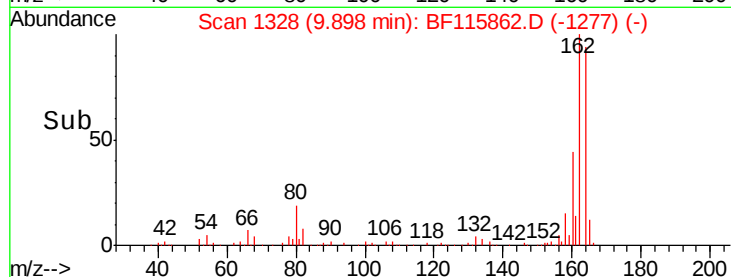
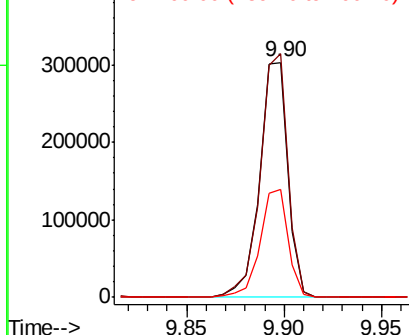
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Abundance

Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

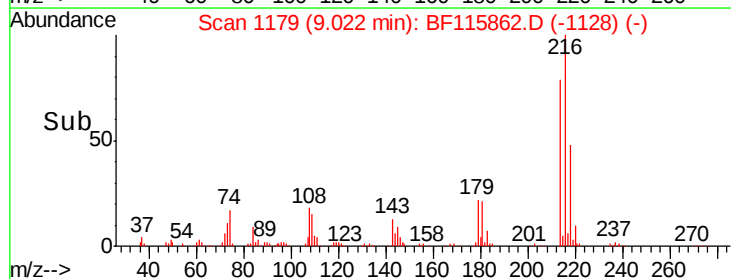
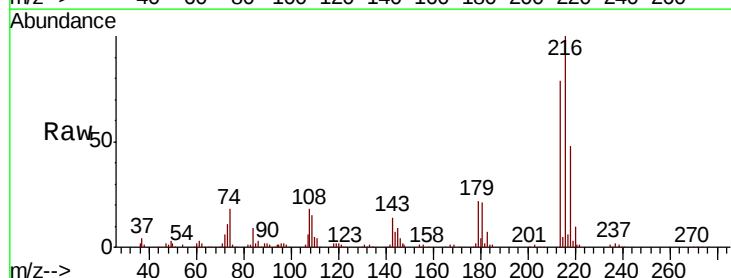
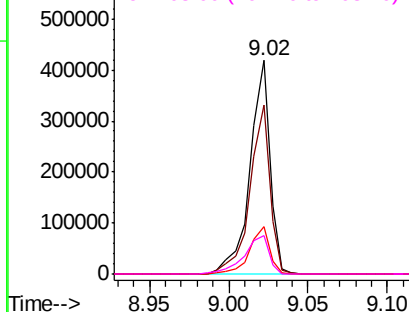


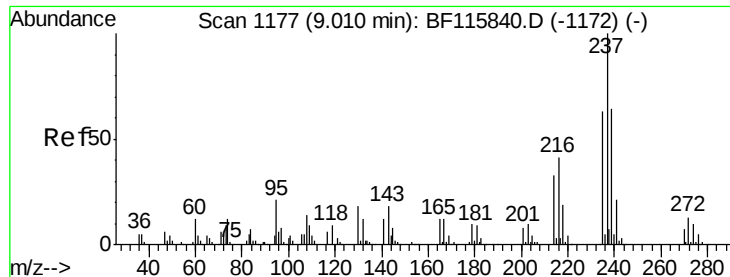
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.118 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	62.8	94.2	
179	21.9	17.6	26.4	
108	22.2	16.1	24.1	

Abundance

Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 87.629 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

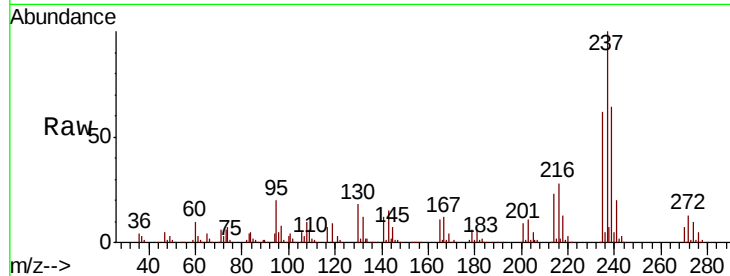
ClientSampleId :

PB121801BS

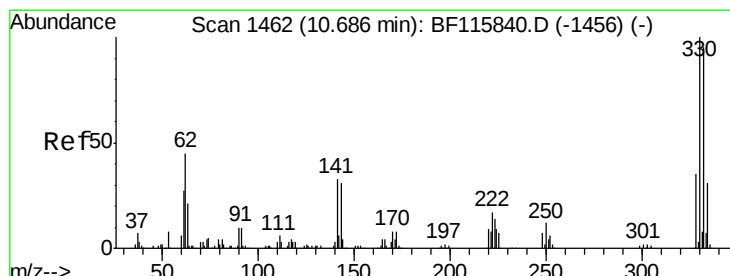
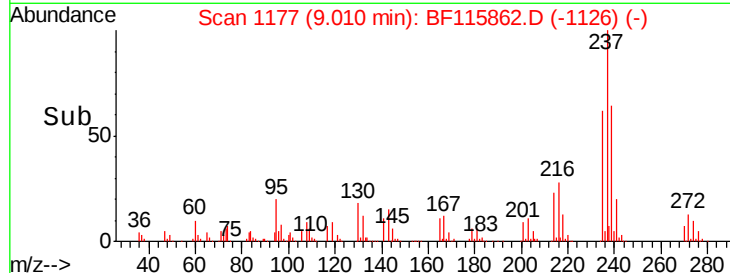
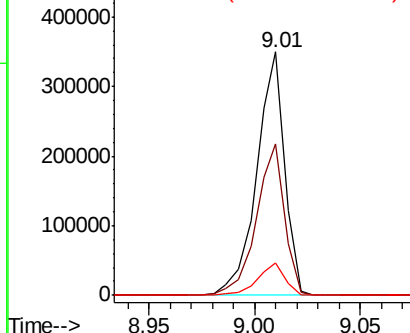
Tot Ion:	237	Resp:	321639
Ion Ratio	Lower	Upper	
237	100		
235	62.1	42.5	82.5
272	13.4	0.0	33.3

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



#42

2,4,6-Tribromophenol

Concen: 116.590 ng

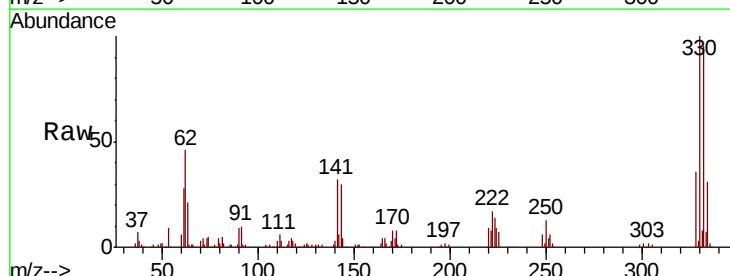
RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

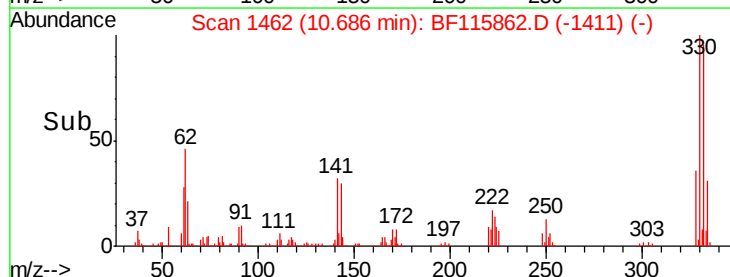
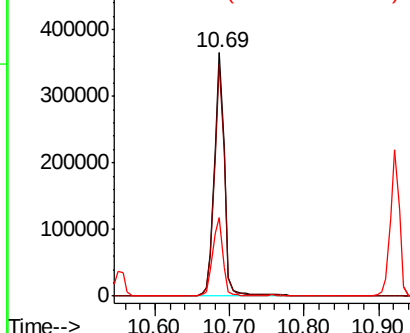
Lab File: BF115862.D

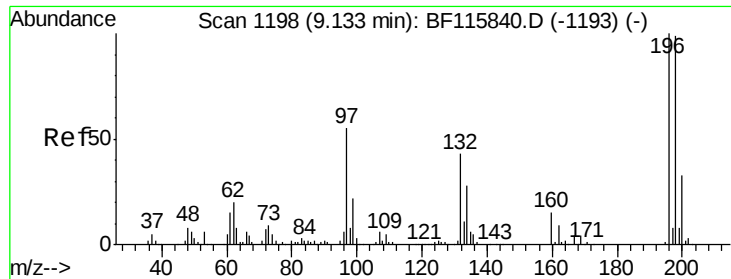
Acq: 31 Jul 2019 13:32

Tgt Ion:	330	Resp:	343312
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.7	116.5
141	33.0	28.1	42.1



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





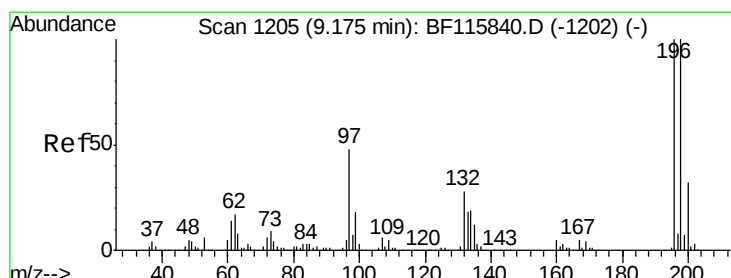
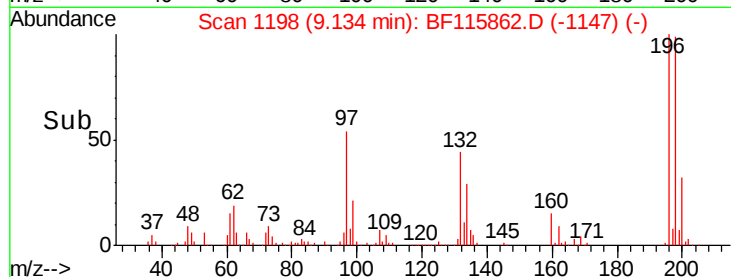
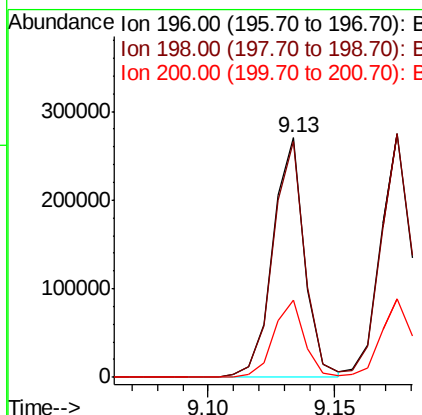
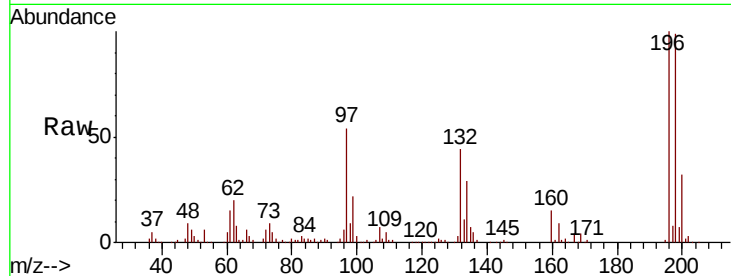
#43
 2,4,6-Trichlorophenol
 Concen: 42.418 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	237068		
198	98.8	79.1	118.7	
200	32.5	26.0	39.0	

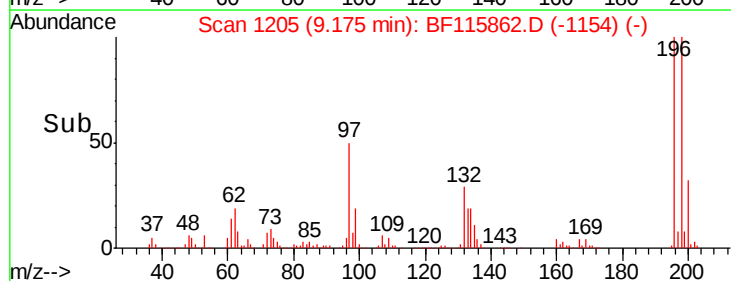
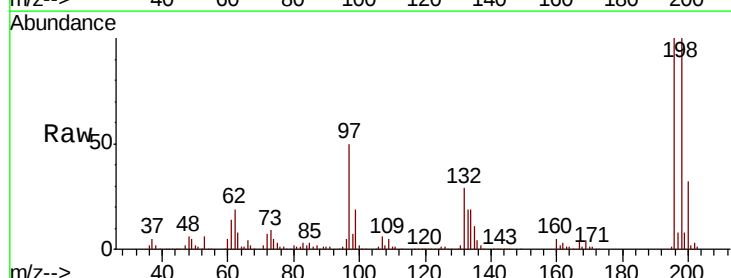
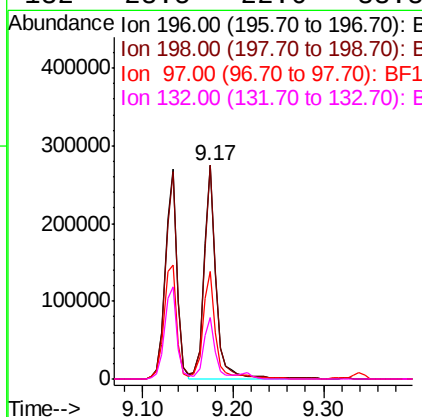
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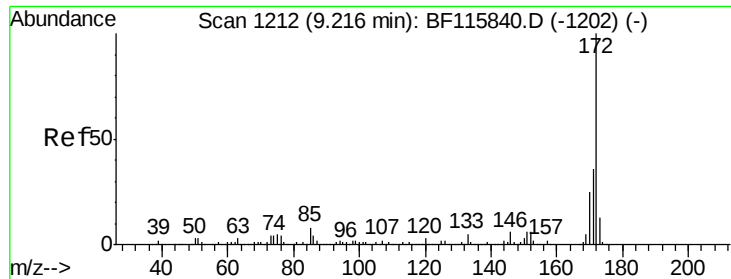
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.516 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257177		
198	100.0	80.1	120.1	
97	50.3	38.9	58.3	
132	28.5	22.6	33.8	





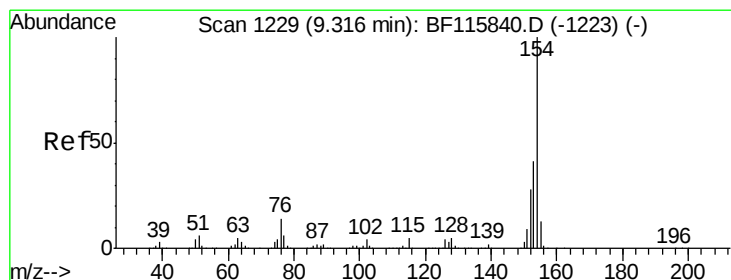
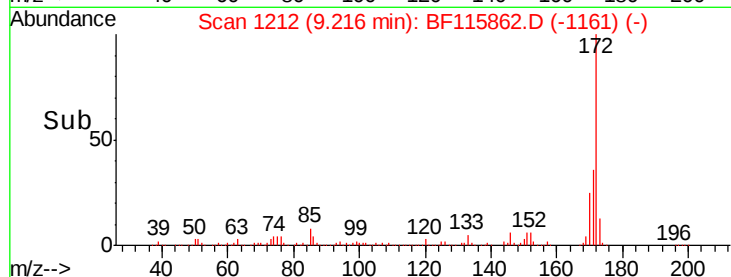
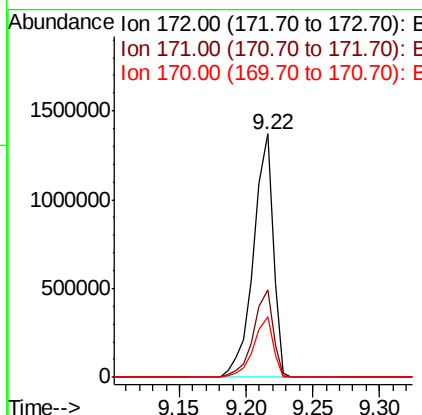
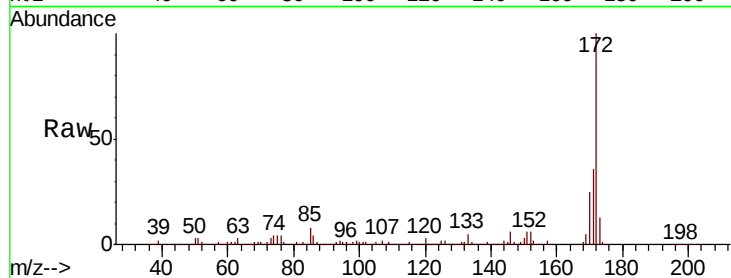
#45
2-Fluorobiphenyl
Concen: 85.606 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.1	43.7
170	25.0	20.1	30.1

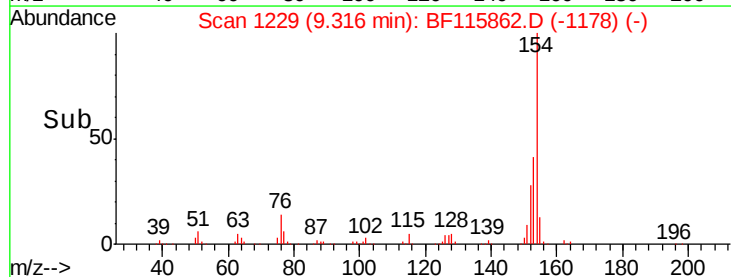
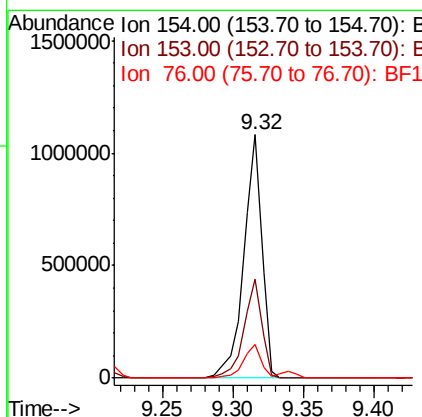
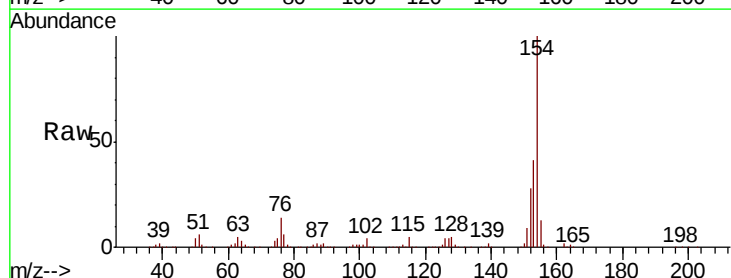
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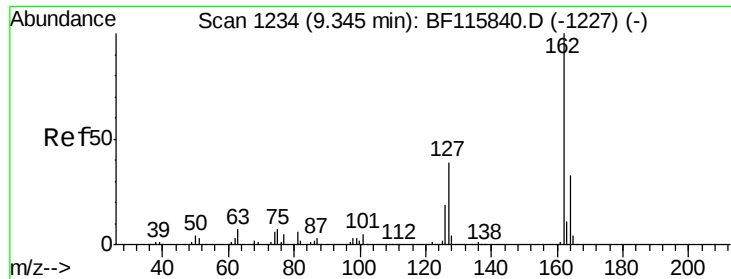
mohammad
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#46
1,1'-Biphenyl
Concen: 45.054 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.9	60.9
76	13.7	0.0	34.3





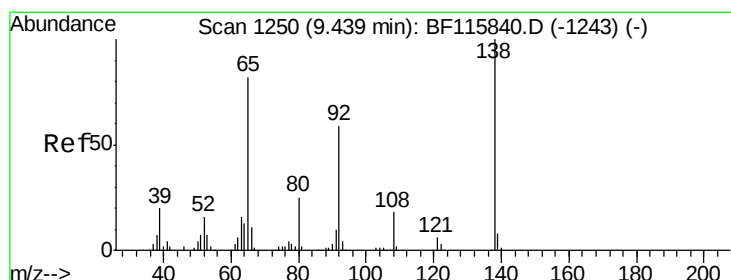
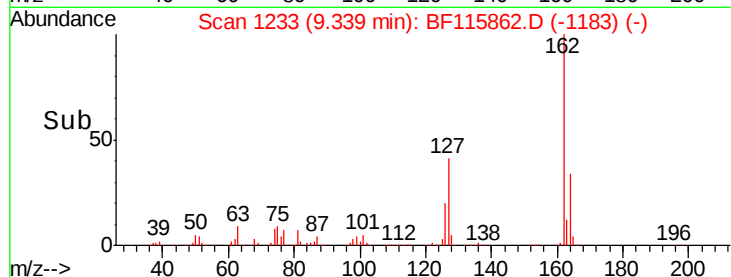
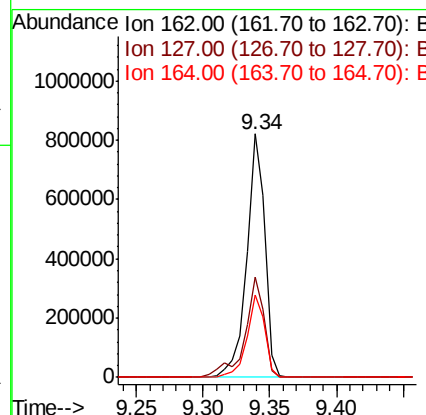
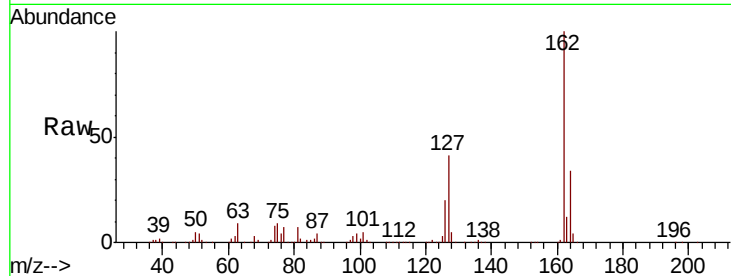
#47
 2-Chloronaphthalene
 Concen: 43.057 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.2	31.3	46.9		
164	33.8	26.6	40.0		

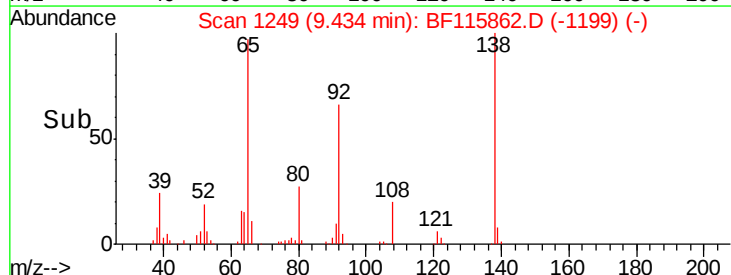
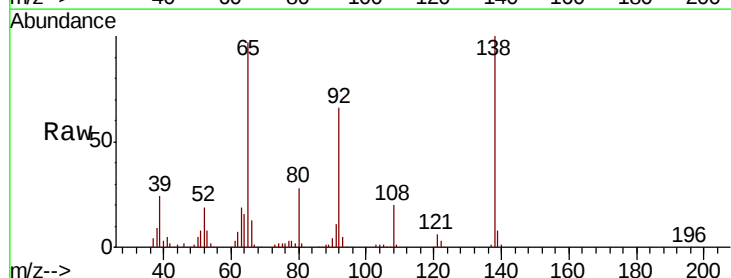
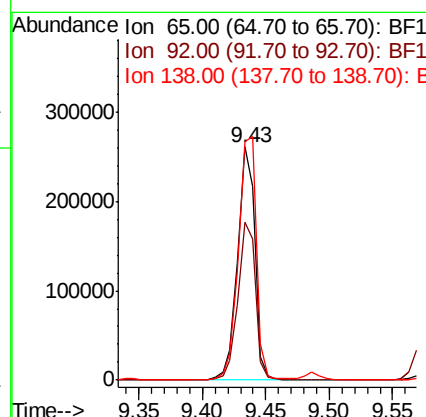
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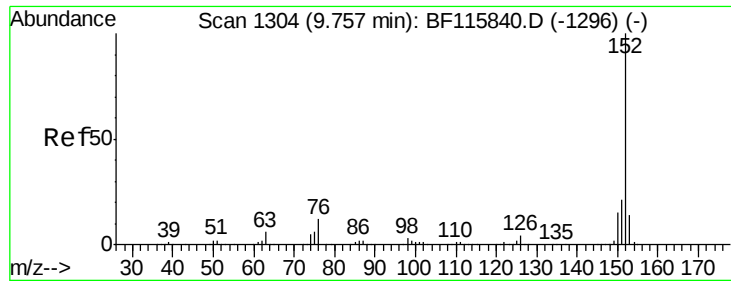
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#48
 2-Nitroaniline
 Concen: 41.392 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	67.8	57.1	85.7		
138	102.6	97.1	145.7		





#49

Acenaphthylene

Concen: 45.458 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

ClientSampleId :

PB121801BS

Tot Ion:152 Resp: 1183551

Ion Ratio Lower Upper

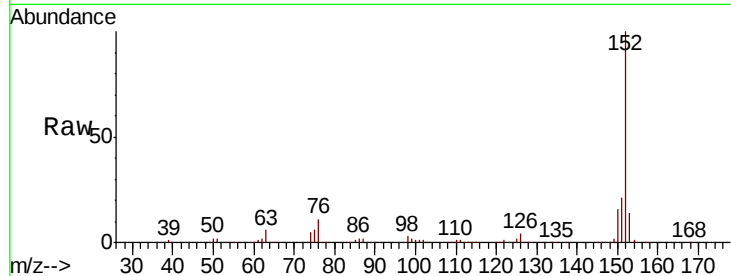
152 100

151 20.8 16.8 25.2

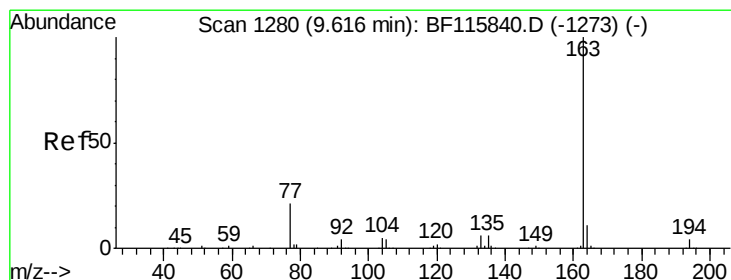
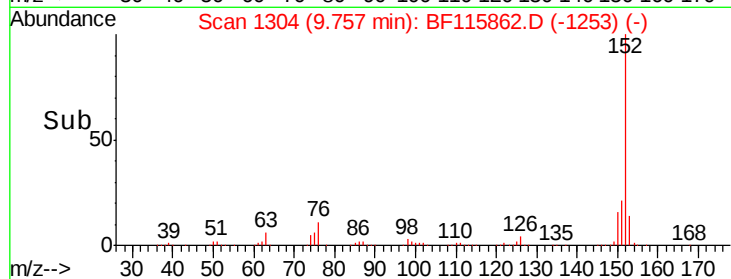
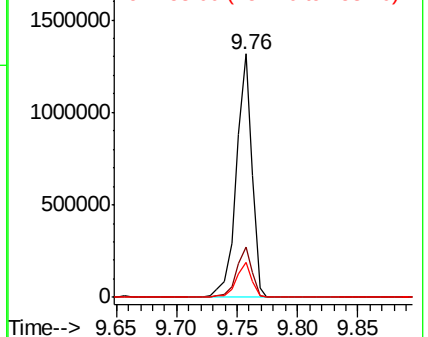
153 14.2 11.6 17.4

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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: 41.689 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

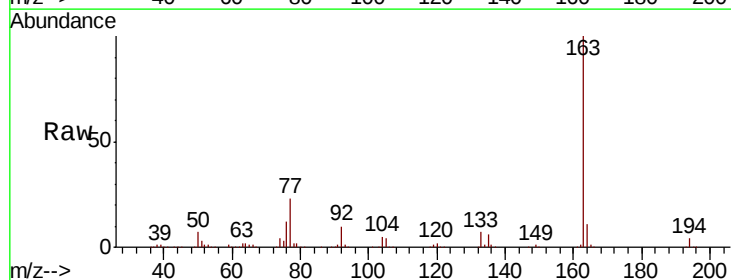
Tgt Ion:163 Resp: 862120

Ion Ratio Lower Upper

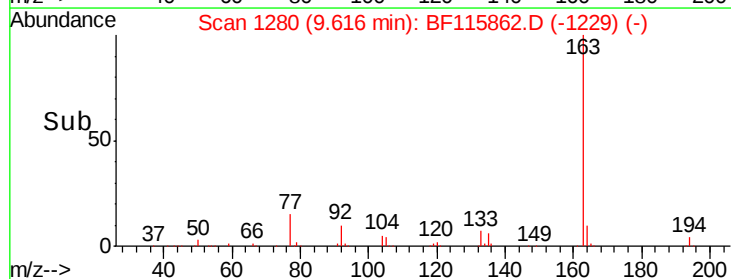
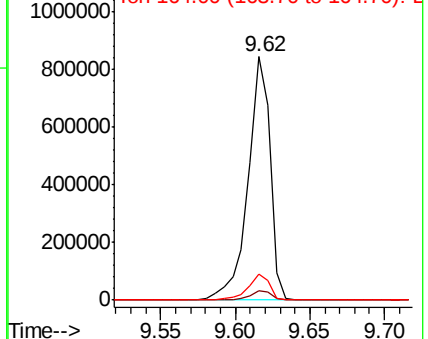
163 100

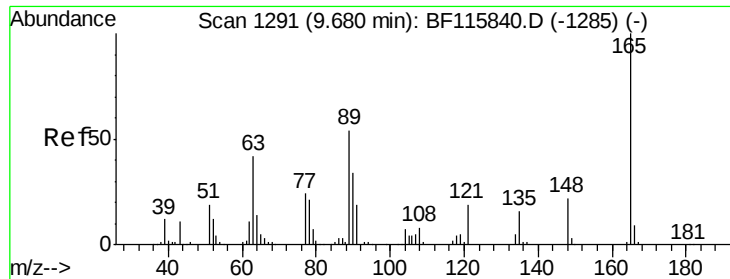
194 3.9 3.0 4.6

164 10.7 8.4 12.6



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





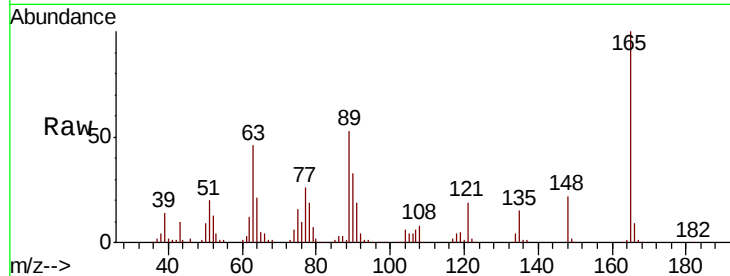
#51
2,6-Dinitrotoluene
Concen: 44.121 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	198281		
63	45.7	39.4	59.2	
89	52.5	43.0	64.6	

Manual Integrations
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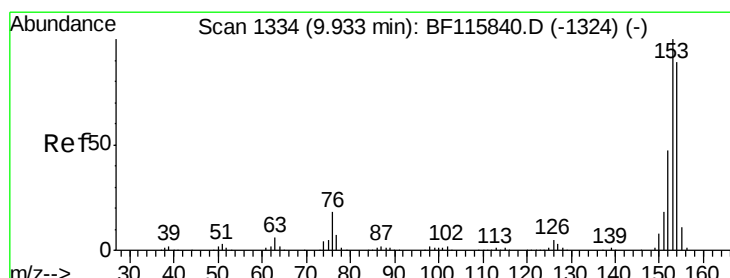
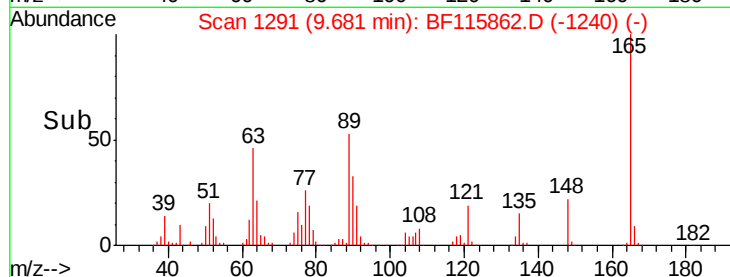
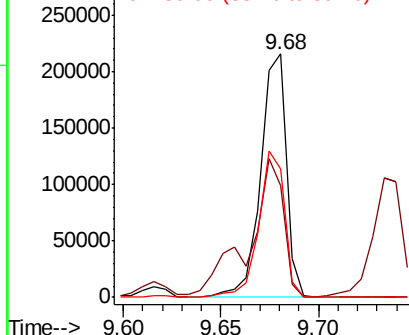


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 44.152 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

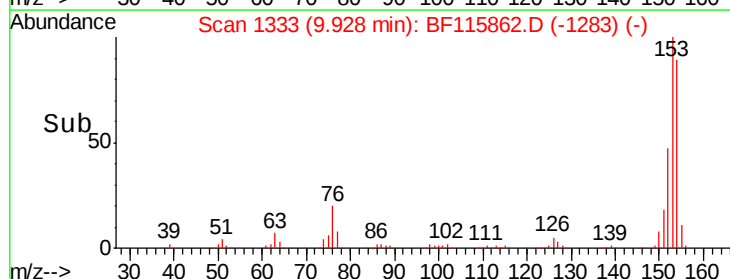
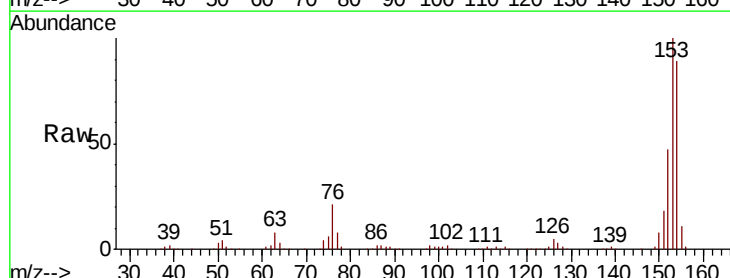
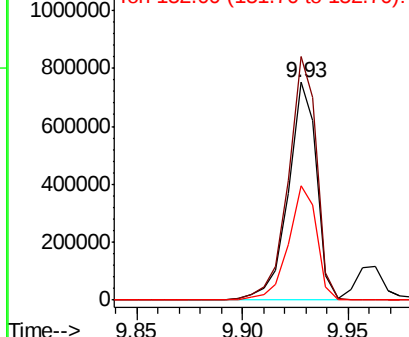
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	705227		
153	112.0	90.1	135.1	
152	52.8	42.6	63.8	

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





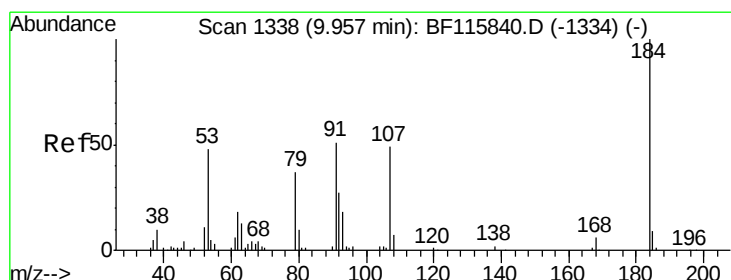
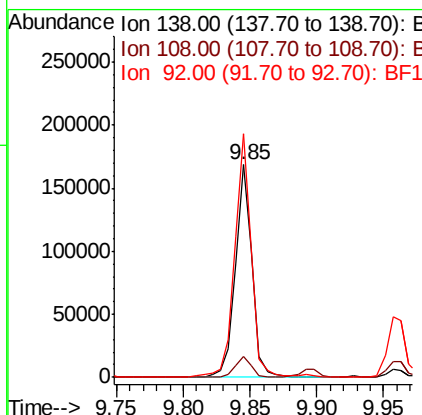
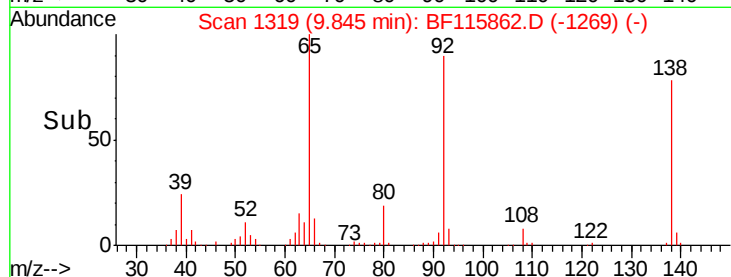
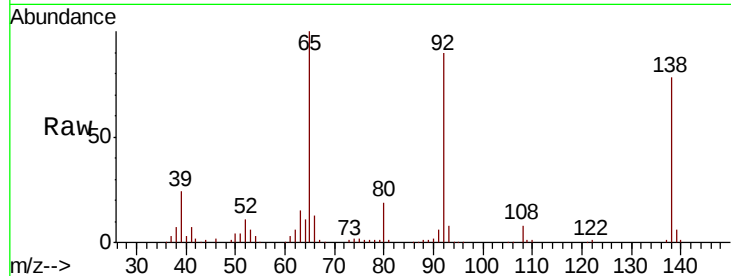
#53
3-Nitroaniline
Concen: 26.619 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.4	11.2
92	114.5	83.9	125.9

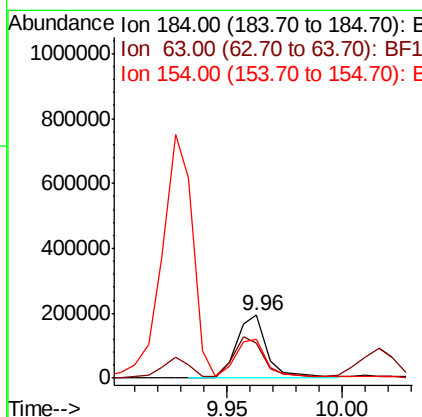
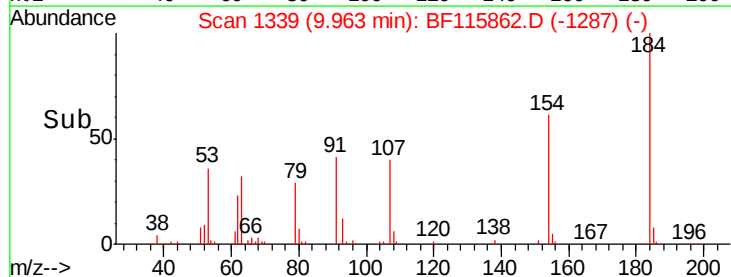
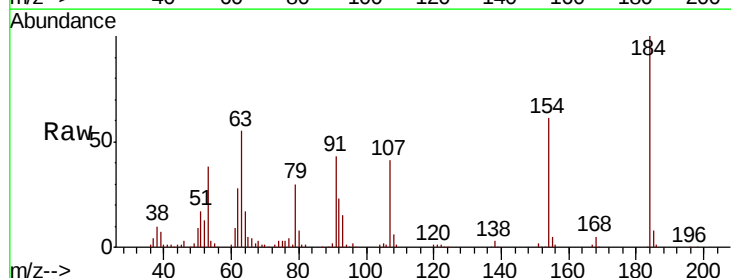
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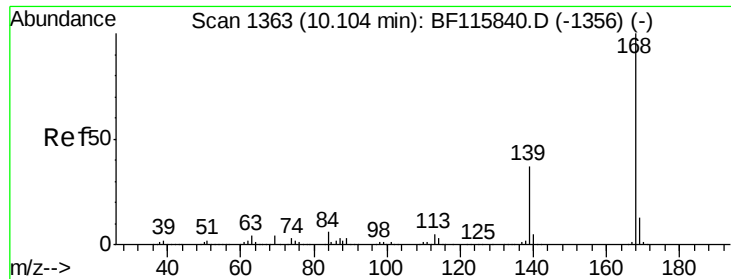
mohammad
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#54
2,4-Dinitrophenol
Concen: 79.563 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	56.7	85.1#
154	61.0	51.9	77.9





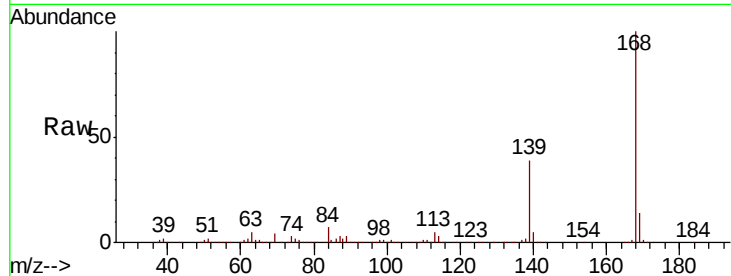
#55
Dibenzofuran
Concen: 45.181 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	13.6	10.8	16.2

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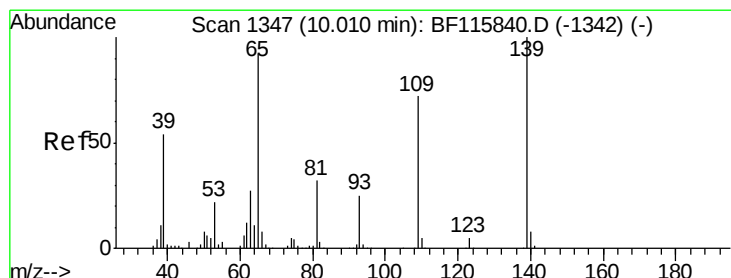
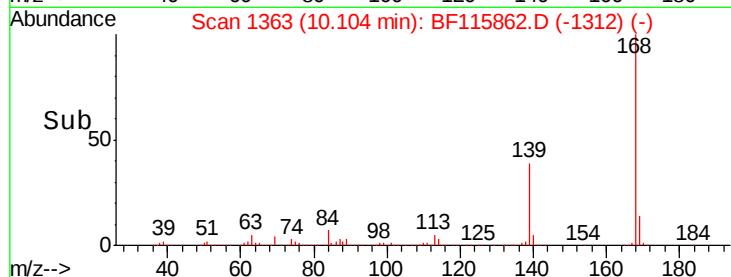
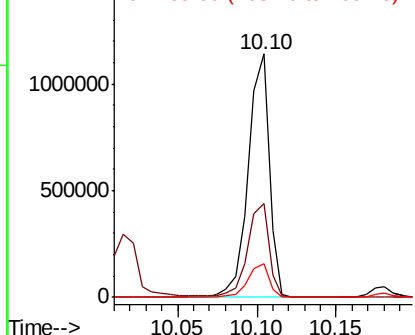


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 96.704 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

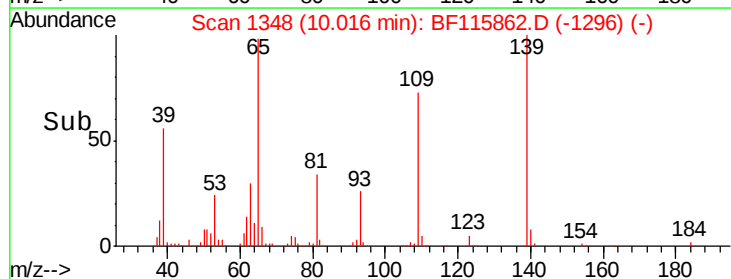
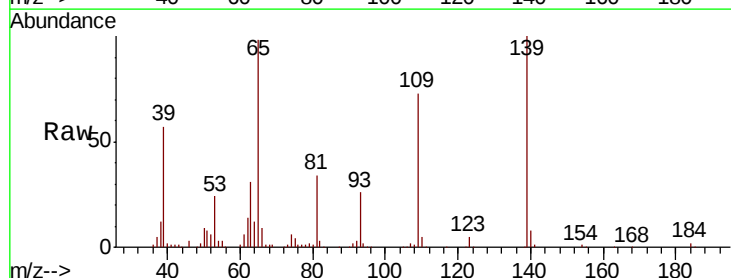
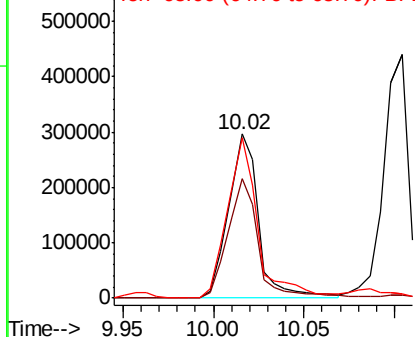
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	52.0	92.0
65	97.6	72.6	112.6

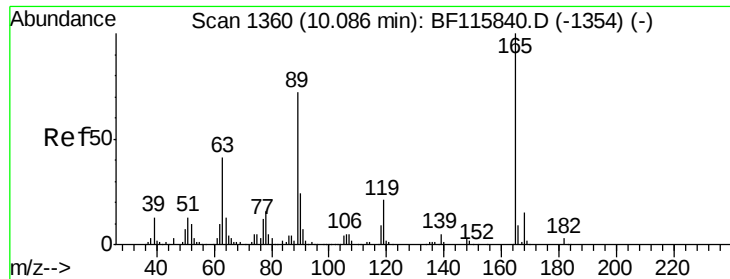
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 43.853 ng

RT: 10.09 min Scan# 1360

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

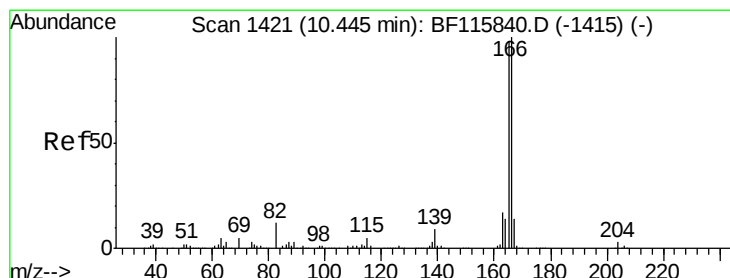
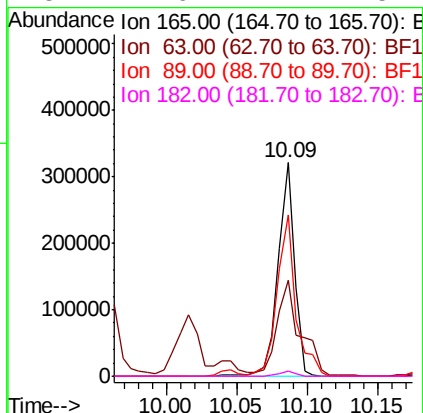
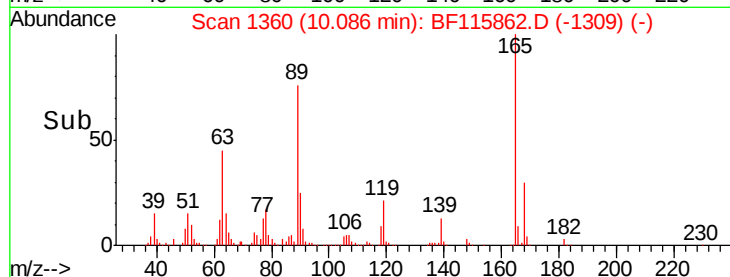
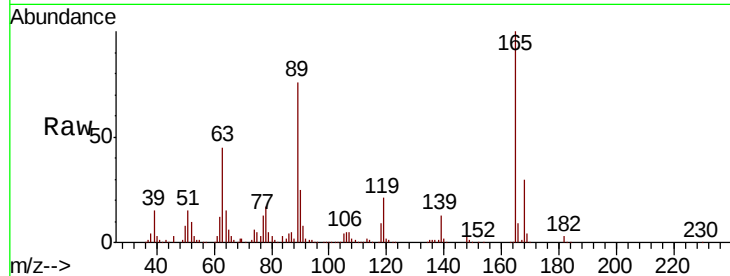
ClientSampleId :

PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	262395		
63	44.8	33.2	49.8	
89	75.6	57.3	85.9	
182	2.6	2.1	3.1	

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#58

Fluorene

Concen: 44.405 ng

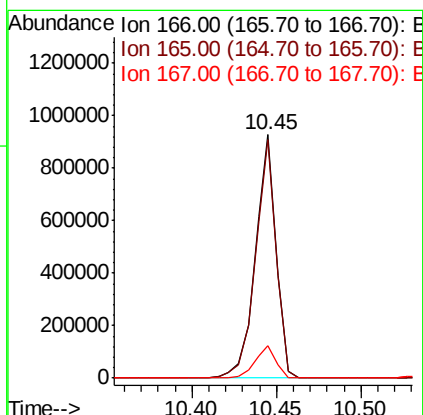
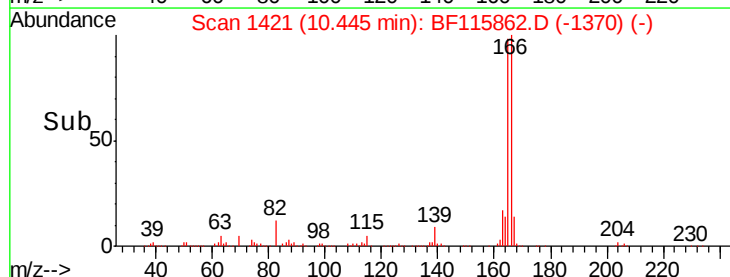
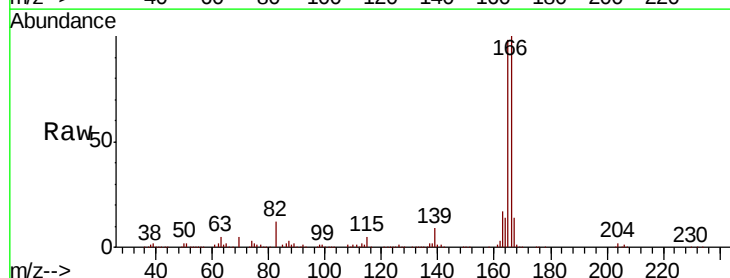
RT: 10.45 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	793576		
165	98.1	78.6	118.0	
167	13.5	10.9	16.3	





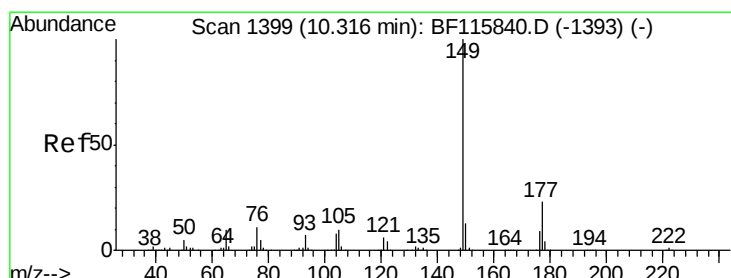
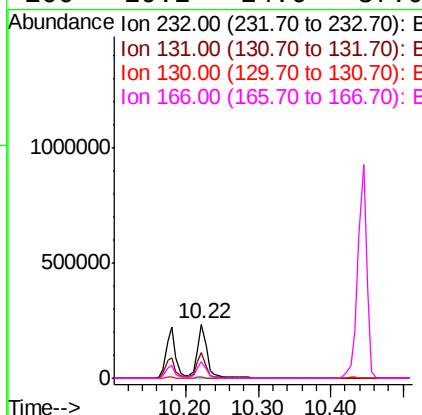
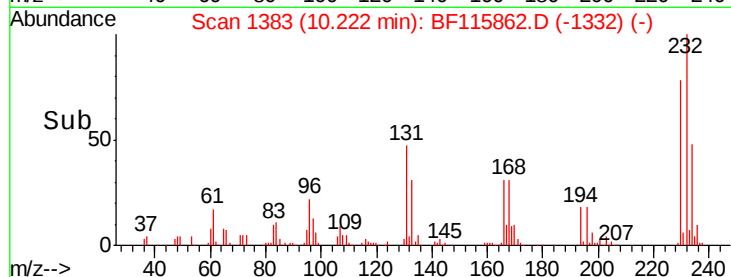
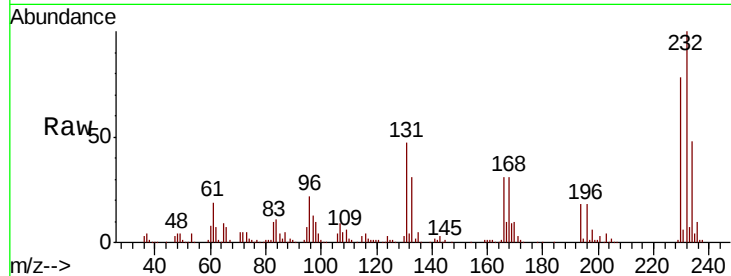
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.389 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.5	37.6	56.4
130	2.3	1.8	2.8
166	29.2	24.6	37.0

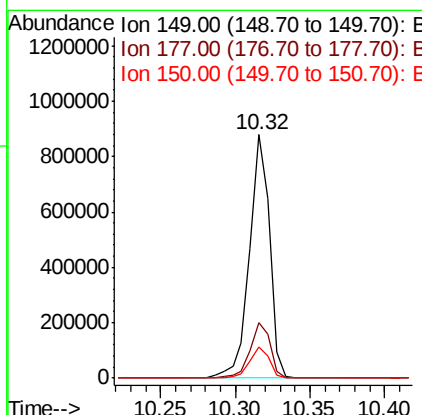
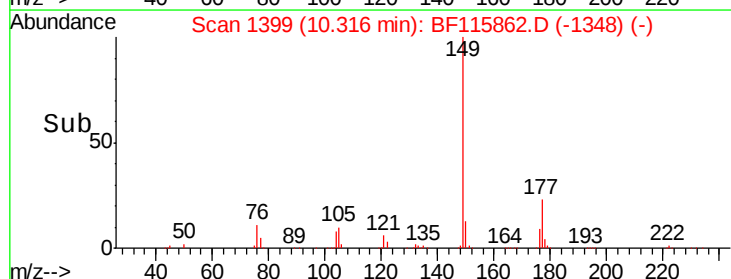
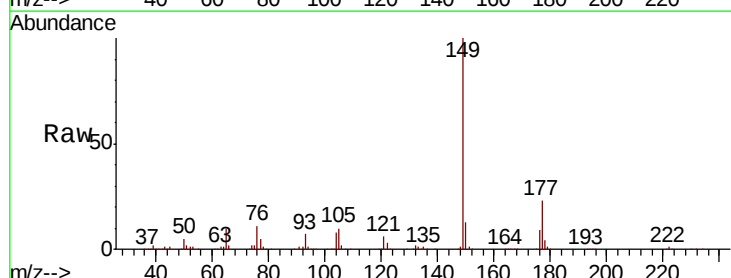
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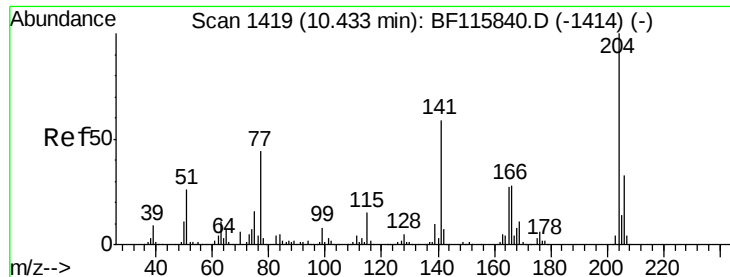
mohammad
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#60
Diethylphthalate
Concen: 42.129 ng
RT: 10.32 min Scan# 1399
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.4	27.6
150	12.8	10.1	15.1





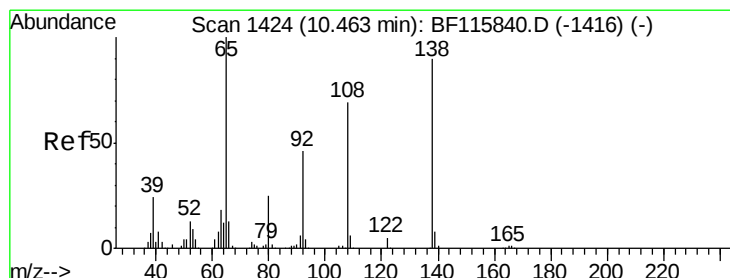
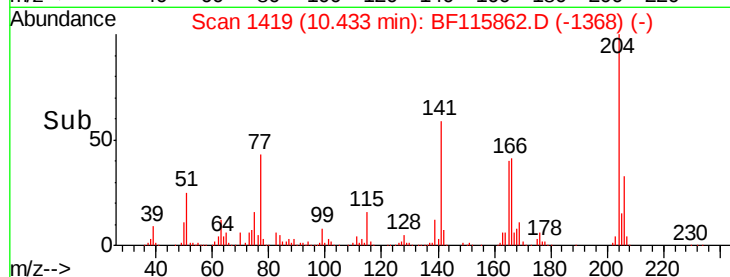
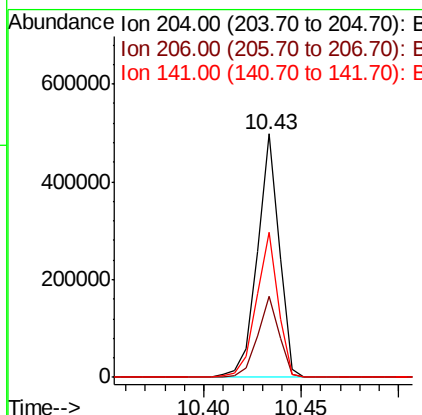
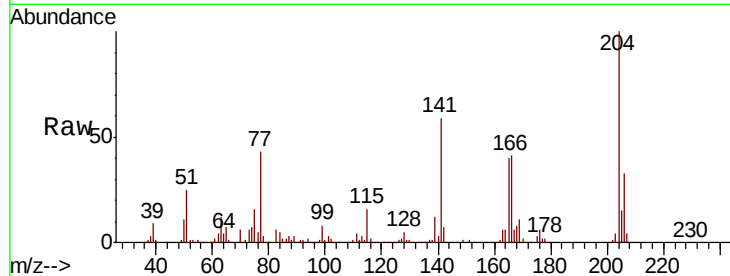
#61
4-Chlorophenyl-phenylether
Concen: 42.645 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	59.5	47.0	70.4

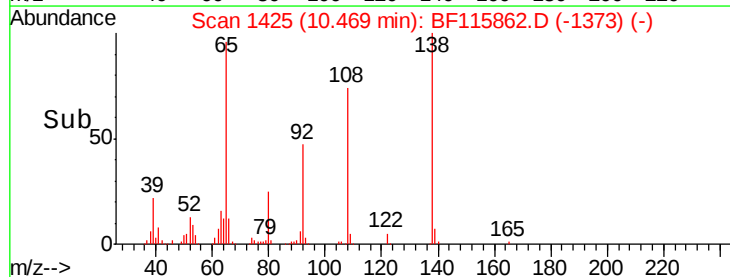
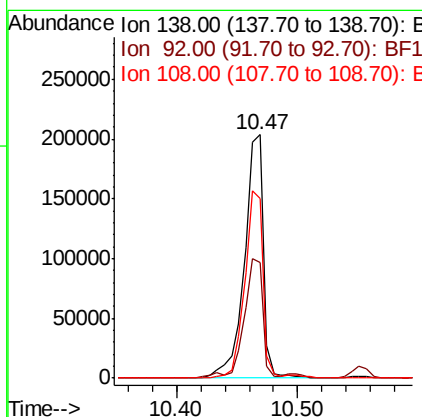
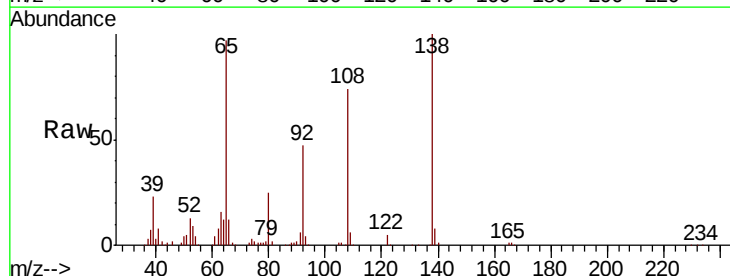
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#62
4-Nitroaniline
Concen: 39.092 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.4	31.0	71.0
108	74.0	56.7	96.7





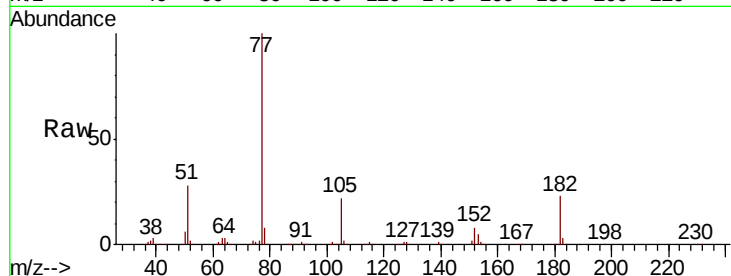
#63
Azobenzene
Concen: 43.336 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

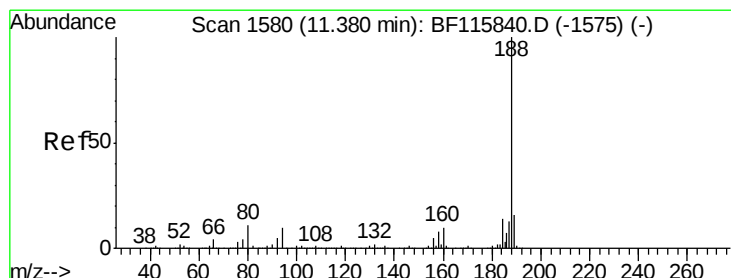
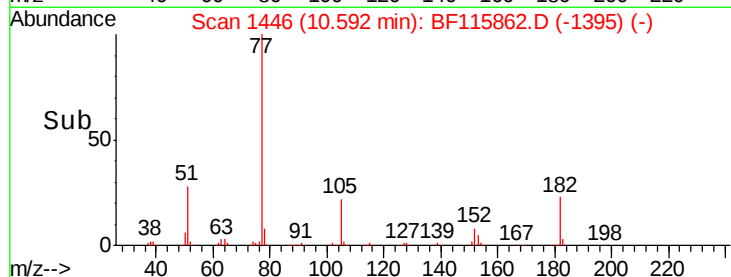
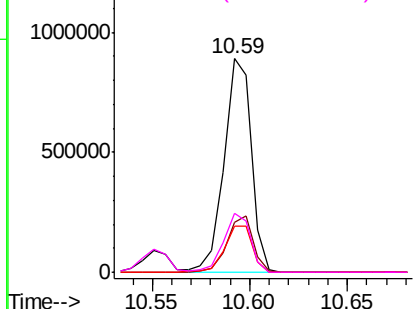
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.3	2.6	42.6
105	21.9	1.6	41.6
51	27.9	7.4	47.4

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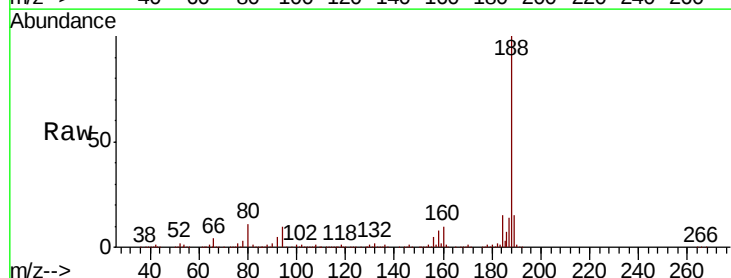


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

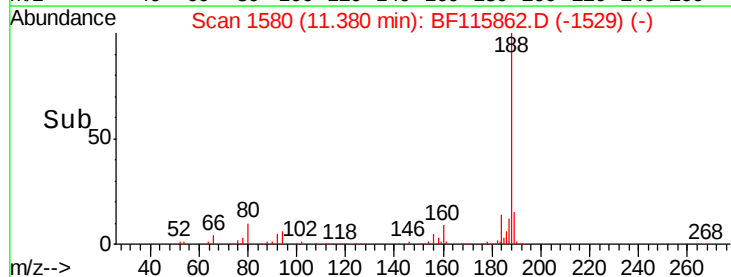
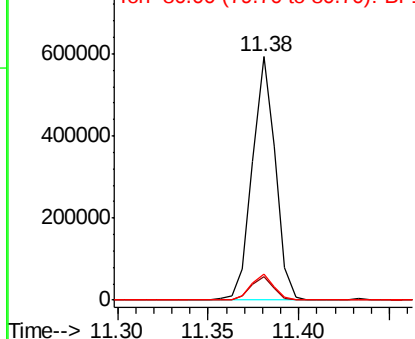


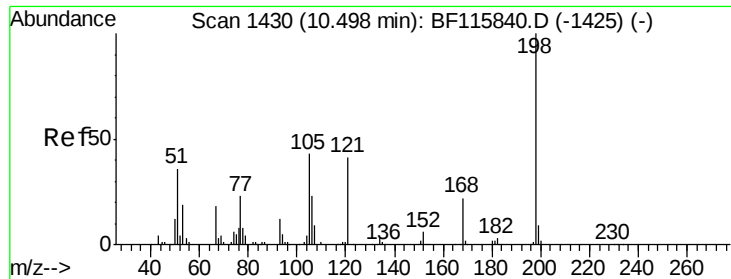
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.0	12.0
80	10.6	8.6	12.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 46.460 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

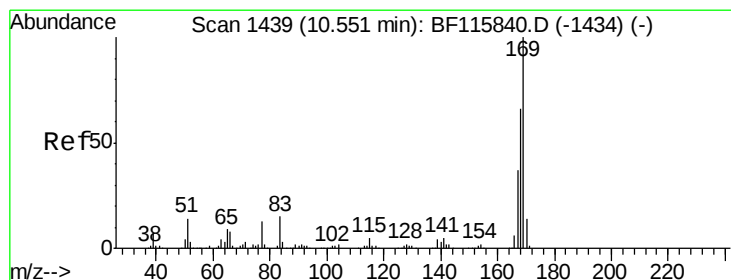
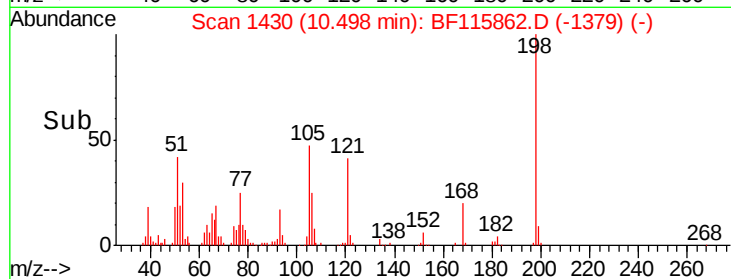
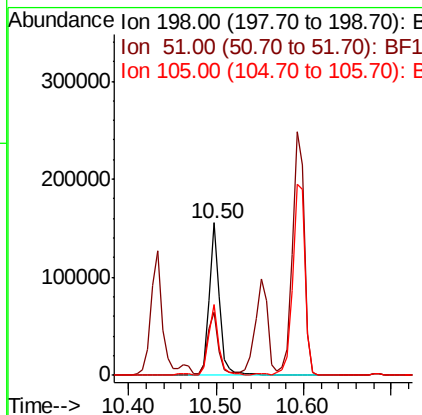
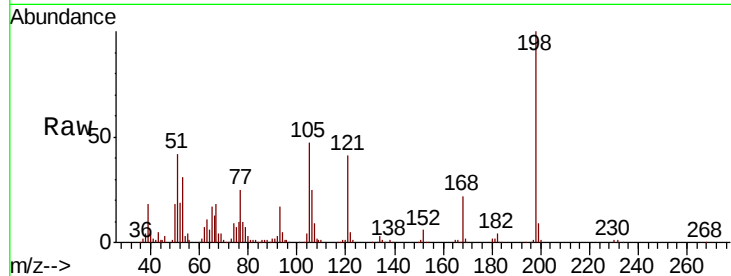
ClientSampleId :

PB121801BS

Tot Ion:	198	Resp:	129263
Ion Ratio	Lower	Upper	
198	100		
51	41.8	21.1	61.1
105	46.5	24.5	64.5

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#66

n-Nitrosodiphenylamine

Concen: 45.054 ng

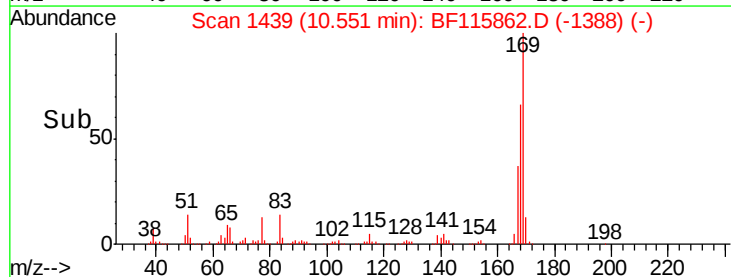
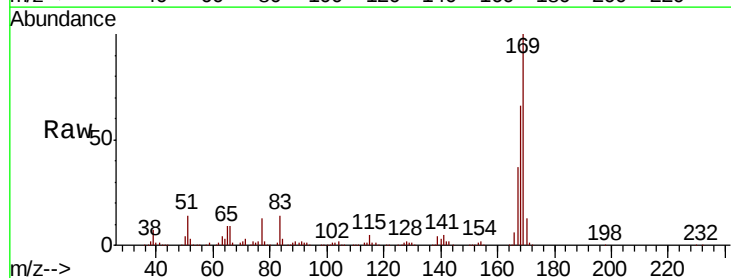
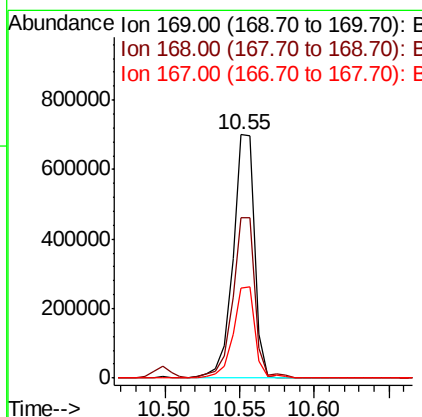
RT: 10.55 min Scan# 1439

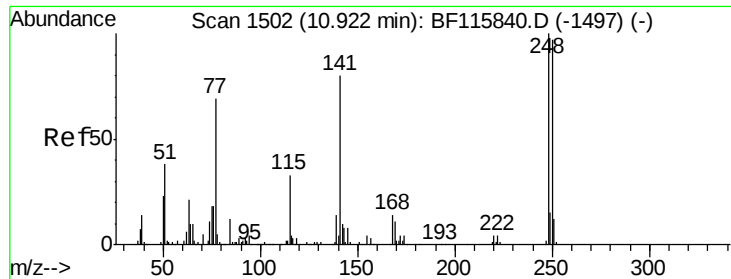
Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	169	Resp:	711956
Ion Ratio	Lower	Upper	
169	100		
168	65.9	53.0	79.6
167	36.9	29.9	44.9





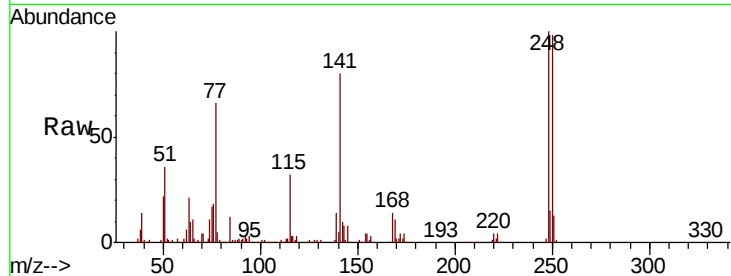
#67
4-Bromophenyl-phenylether
Concen: 42.768 ng
RT: 10.92 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	80.3	64.3	96.5

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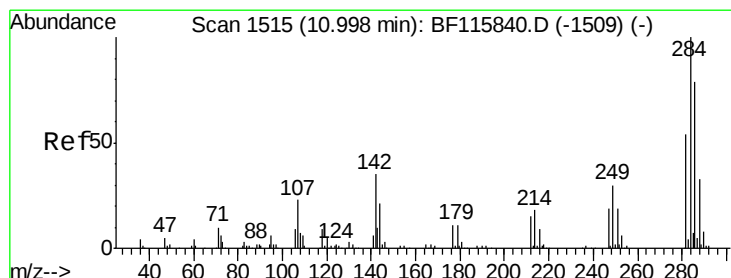
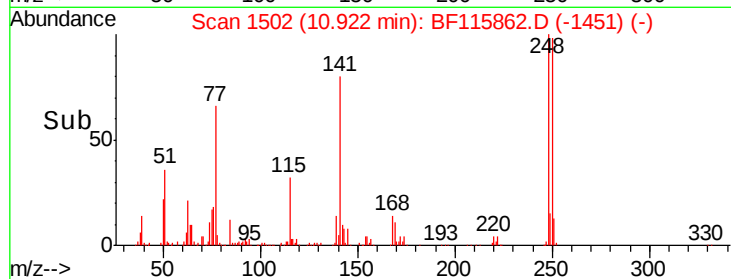
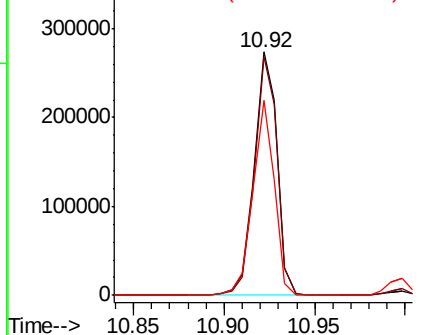


Abundance

Ion 248.00 (247.70 to 248.70): E

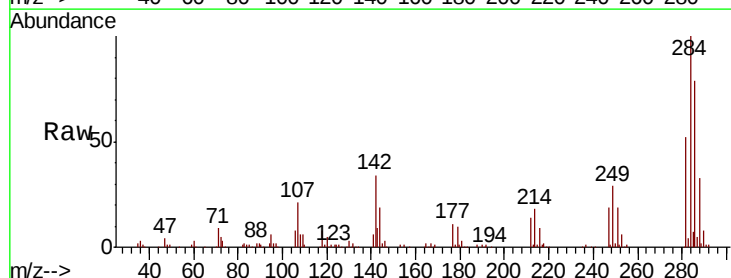
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.996 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.2	42.2
249	29.0	24.0	36.0

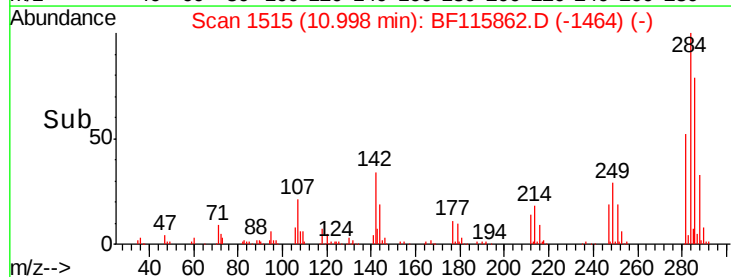
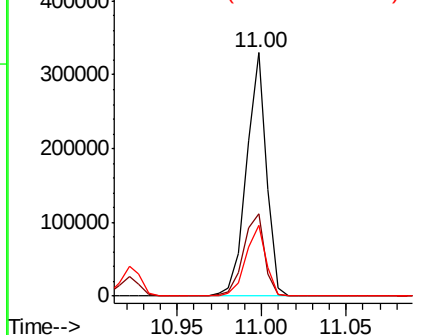


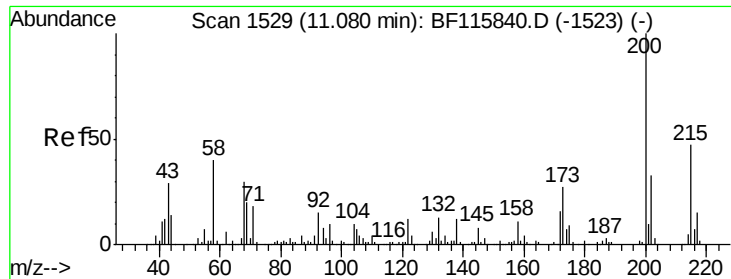
Abundance

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





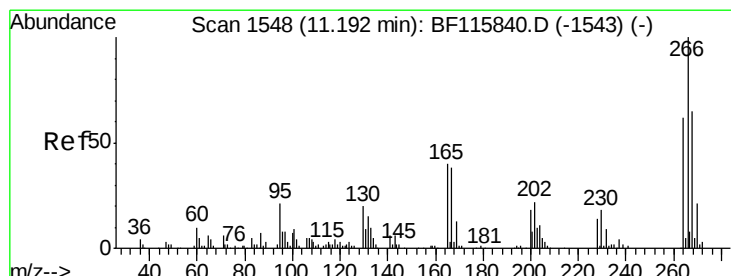
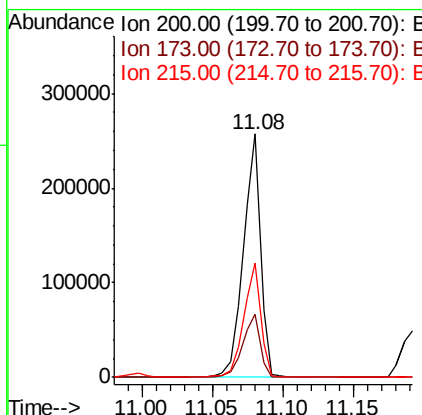
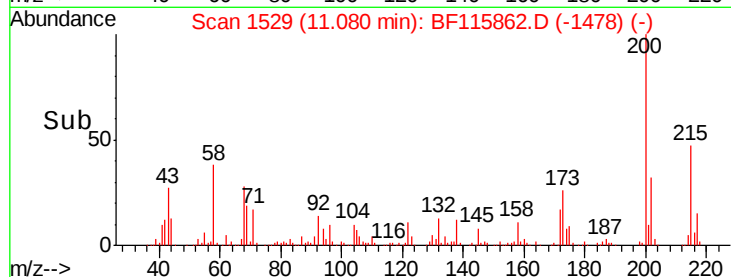
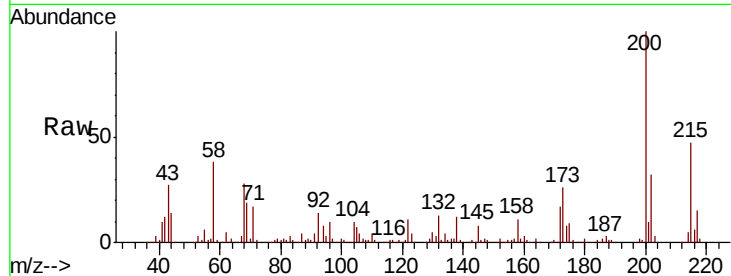
#69
 Atrazine
 Concen: 41.944 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	218051		
173	26.2	7.3	47.3	
215	47.2	26.9	66.9	

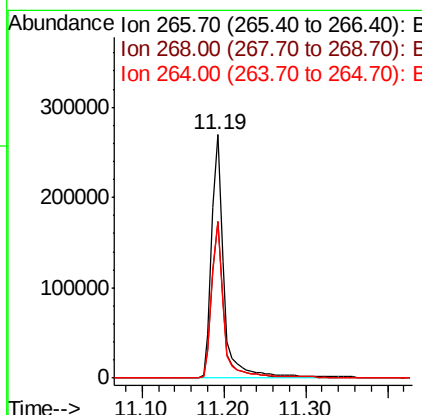
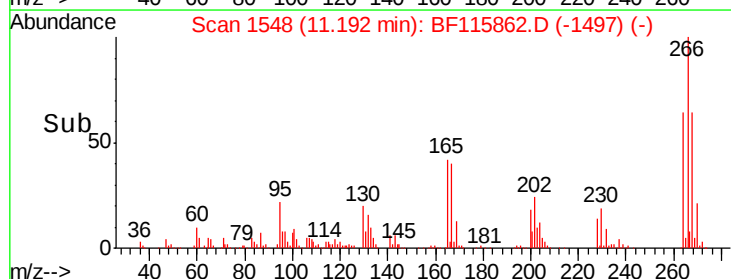
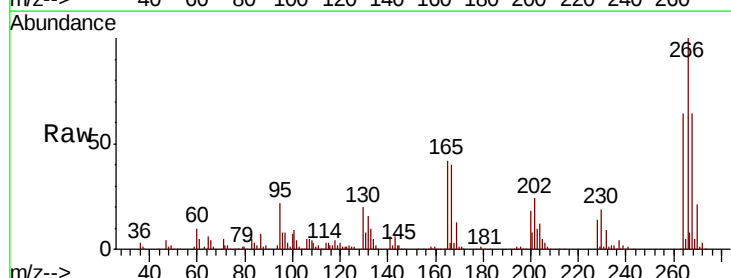
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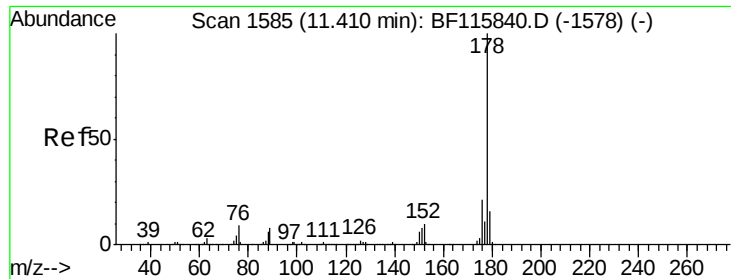
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#70
 Pentachlorophenol
 Concen: 89.482 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	282335		
268	64.1	51.6	77.4	
264	64.5	49.4	74.0	





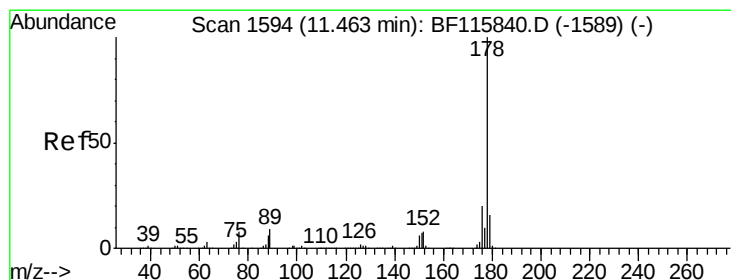
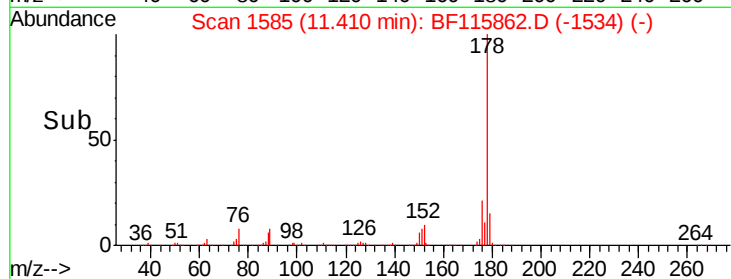
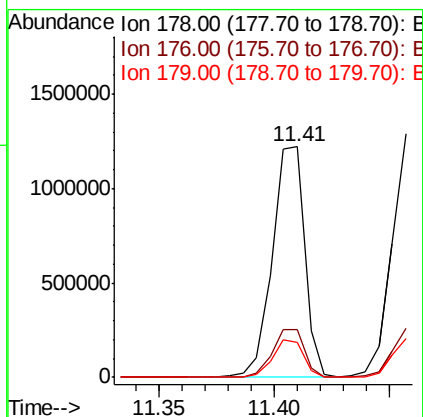
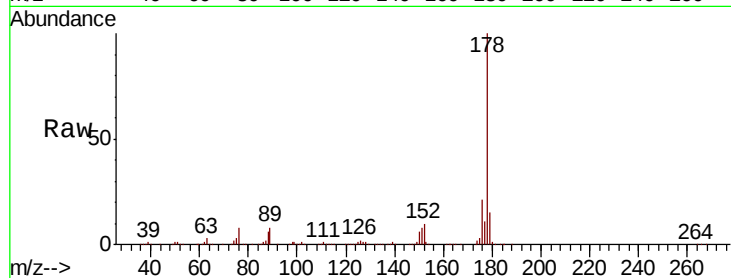
#71
Phenanthrene
Concen: 44.317 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.5	24.7
179	15.4	12.6	18.8

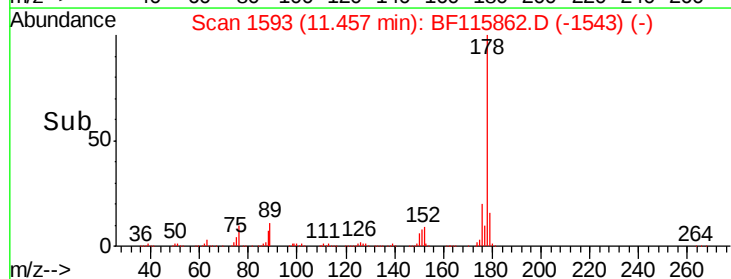
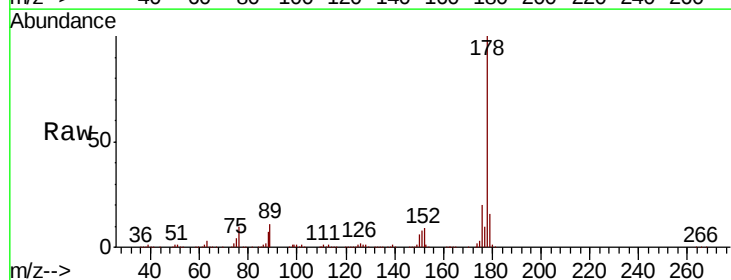
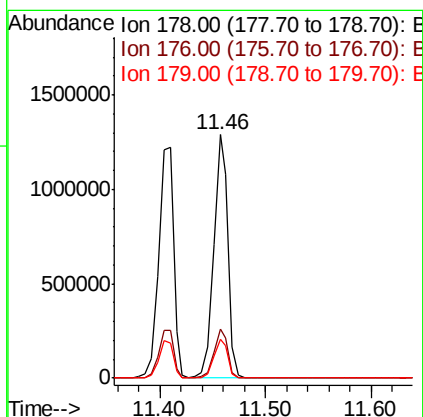
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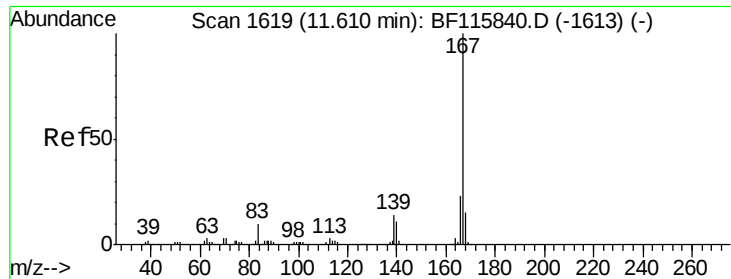
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#72
Anthracene
Concen: 45.154 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.2	12.4	18.6





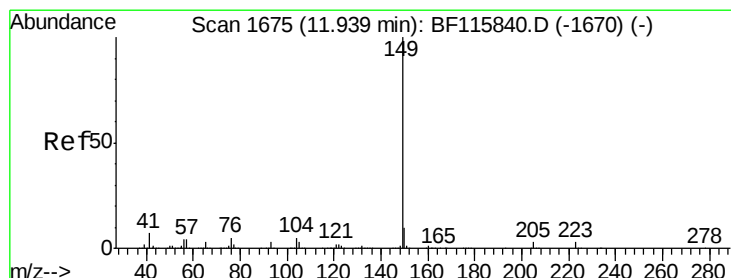
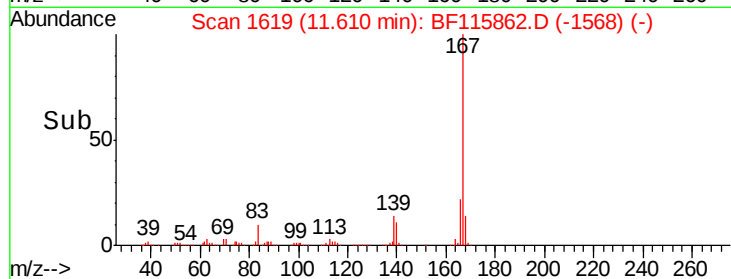
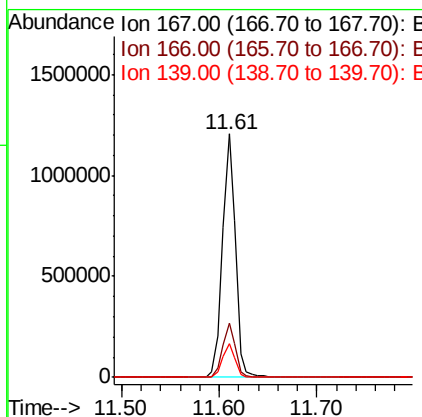
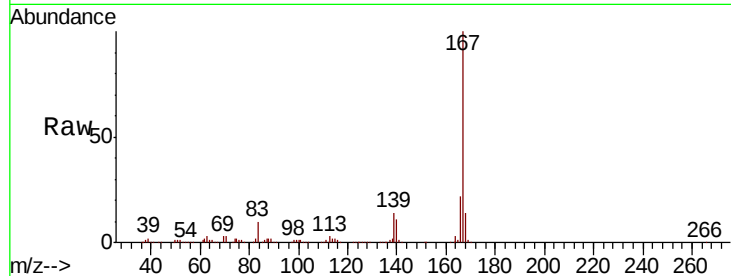
#73
 Carbazole
 Concen: 45.054 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.9	11.4	17.2

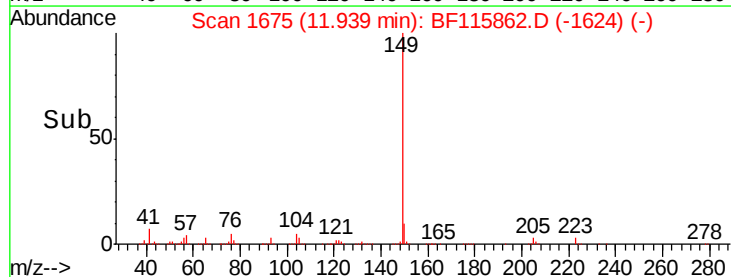
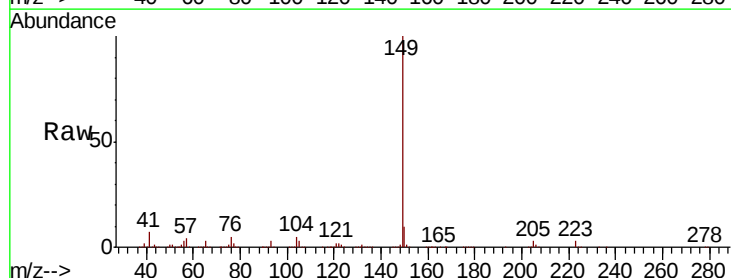
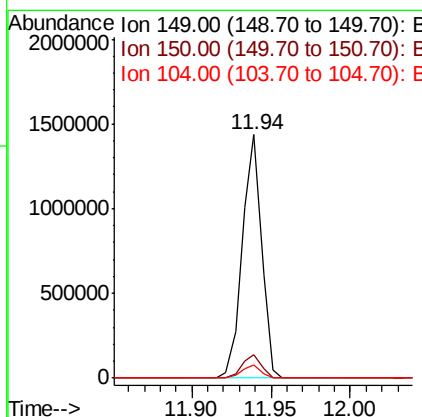
Manual Integrations
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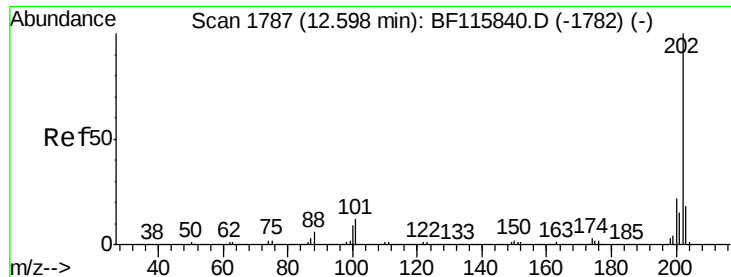
mohammad
 8/1/2019 5:06:26 PM



#74
 Di-n-butylphthalate
 Concen: 42.016 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.3	6.5





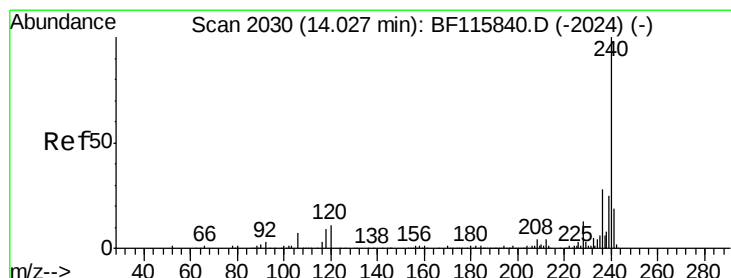
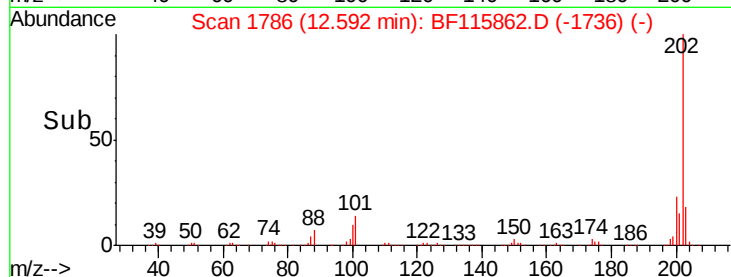
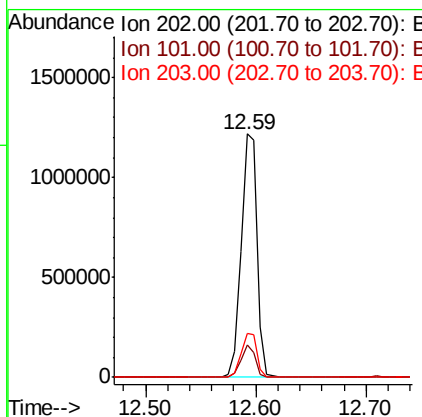
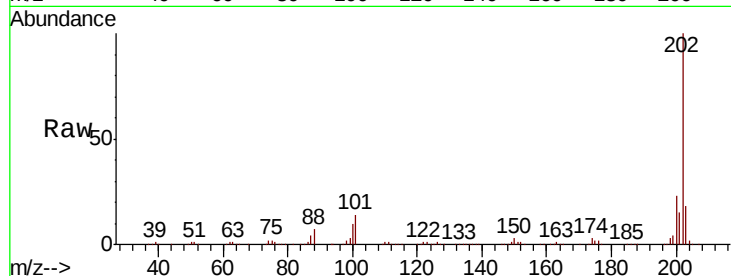
#75
 Fluoranthene
 Concen: 43.533 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1223228		
101	13.5		0.0	31.5
203	18.2		0.0	37.9

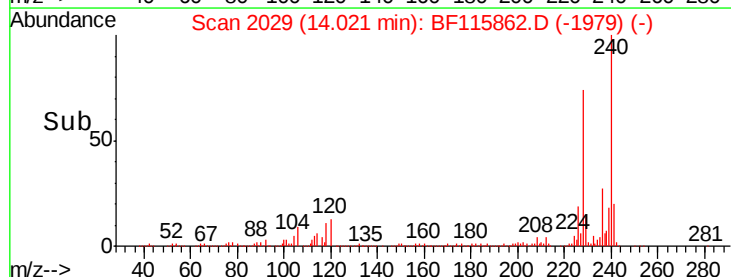
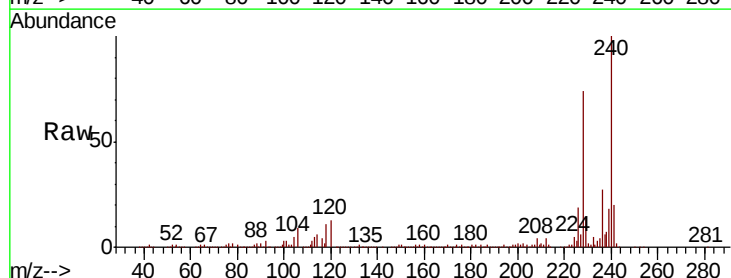
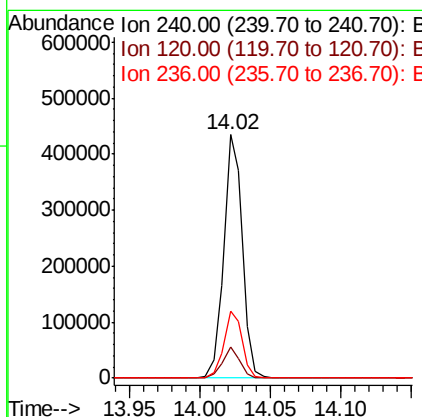
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	395272		
120	12.5		8.5	12.7
236	27.4		22.2	33.2





#77

Benzidine

Concen: 49.049 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.00 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

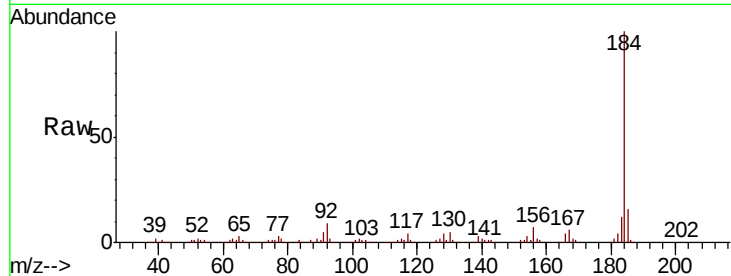
ClientSampleId :

PB121801BS

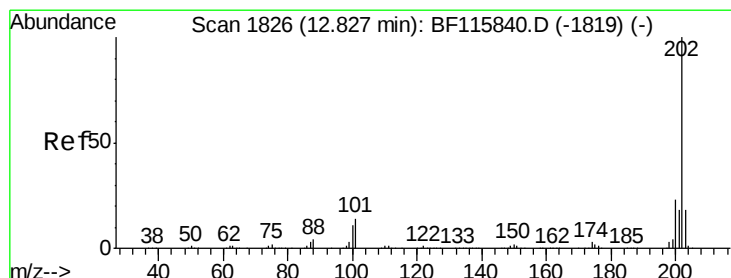
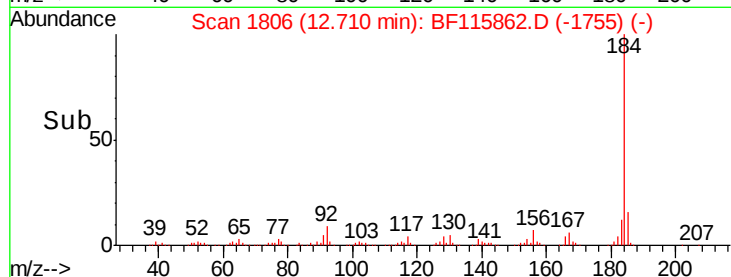
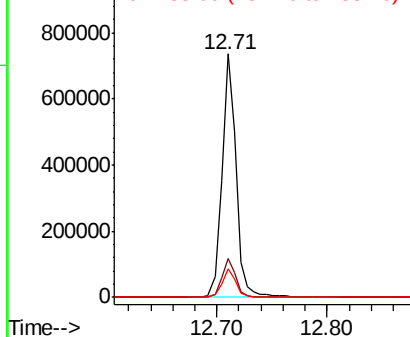
Tot Ion:	184	Resp:	655002
Ion Ratio	Lower	Upper	
184	100		
185	15.9	13.4	20.2
183	11.6	9.1	13.7

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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: 42.556 ng

RT: 12.82 min Scan# 1825

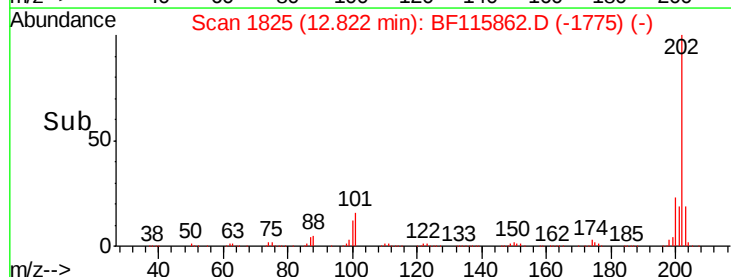
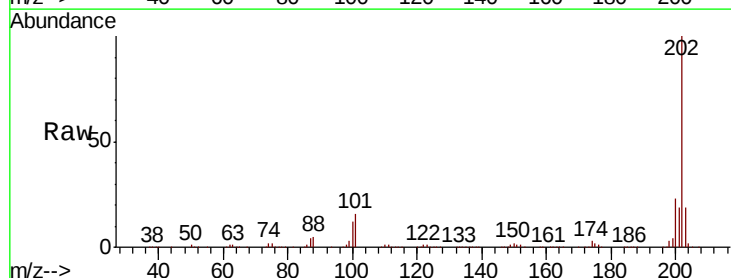
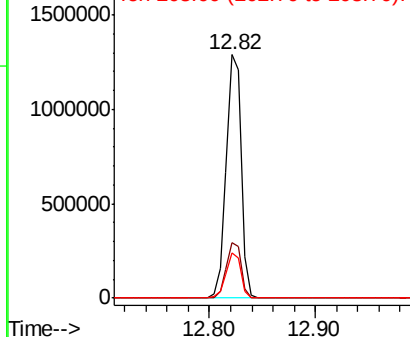
Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	202	Resp:	1268010
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.2	27.2
203	18.6	14.3	21.5

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





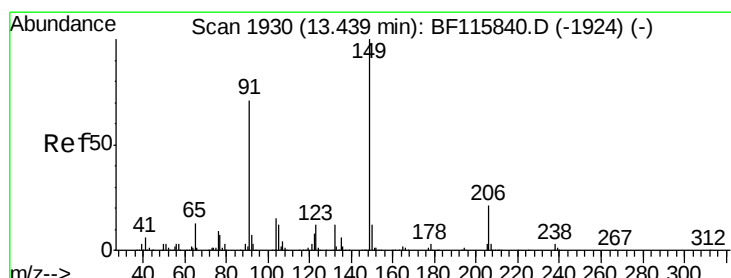
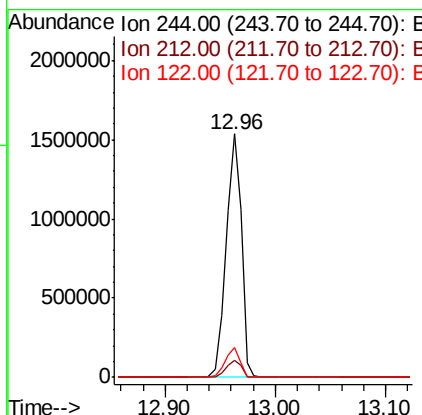
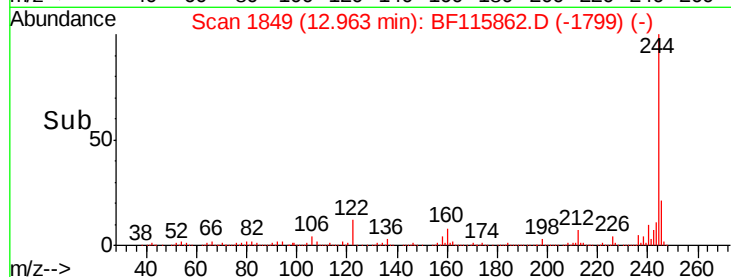
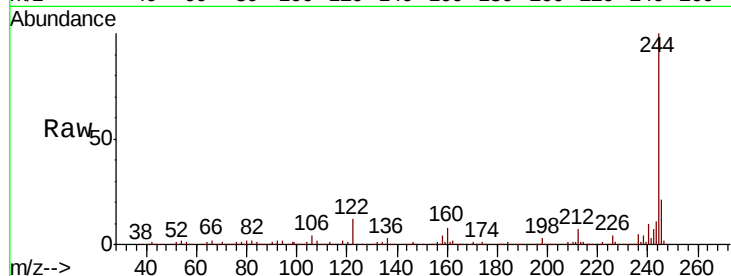
#79
 Terphenyl-d14
 Concen: 79.432 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	12.1	8.6	13.0

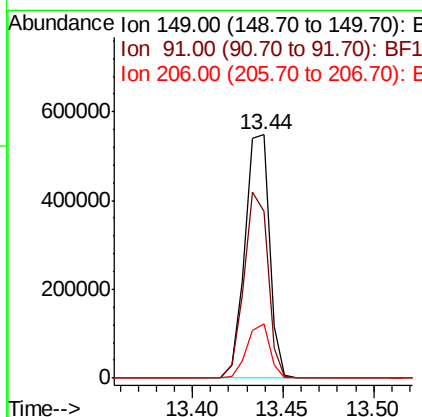
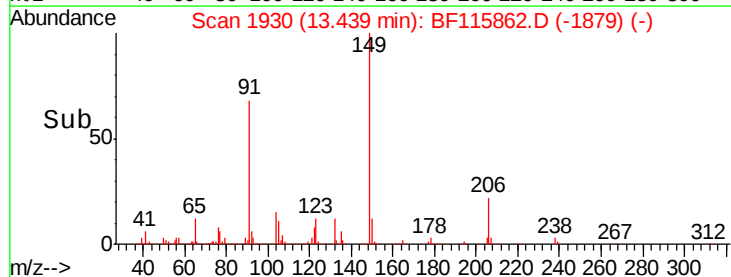
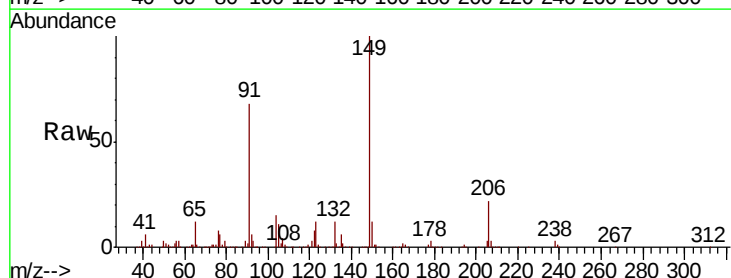
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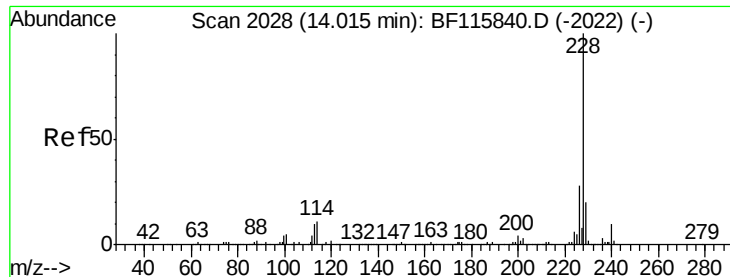
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#80
 Butylbenzylphthalate
 Concen: 41.086 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.0	85.6
206	22.0	16.9	25.3





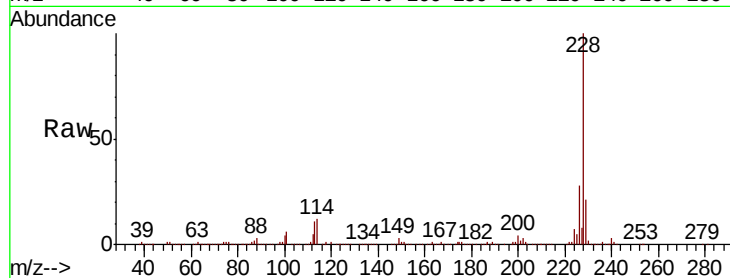
#81
Benzo(a)anthracene
Concen: 43.021 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.5	33.7
229	20.8	16.1	24.1

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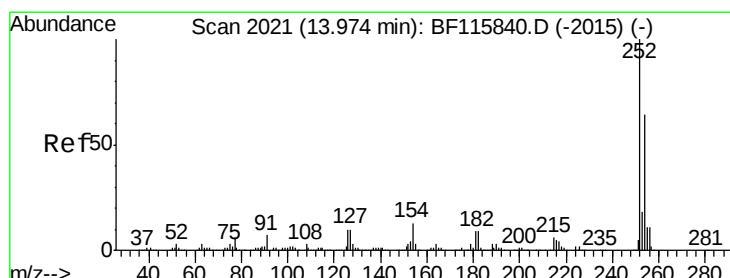
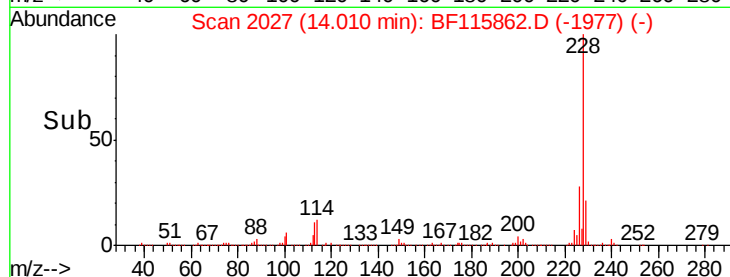
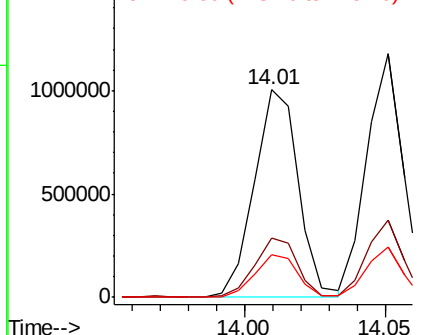


Abundance

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: 29.965 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

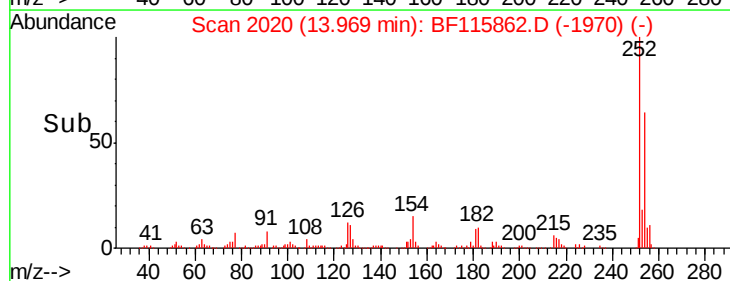
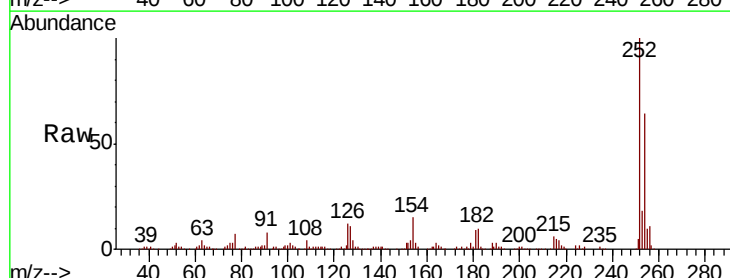
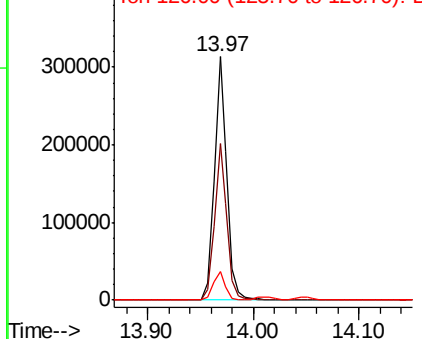
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.2	76.8
126	11.6	8.1	12.1

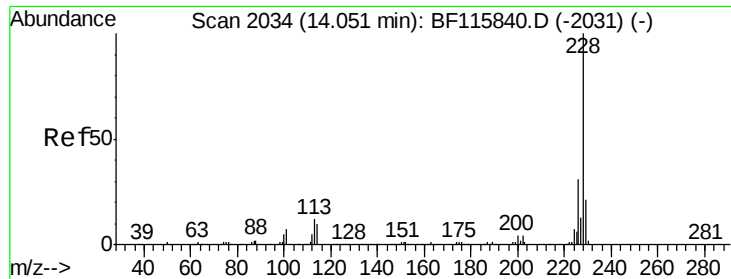
Abundance

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





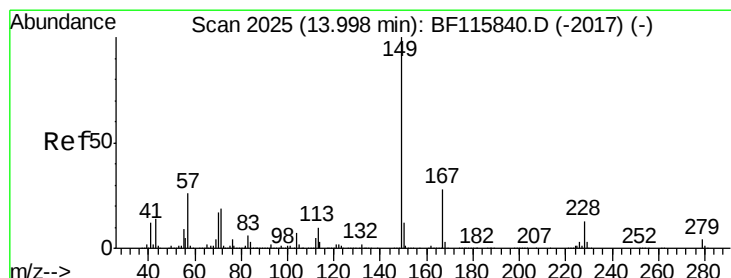
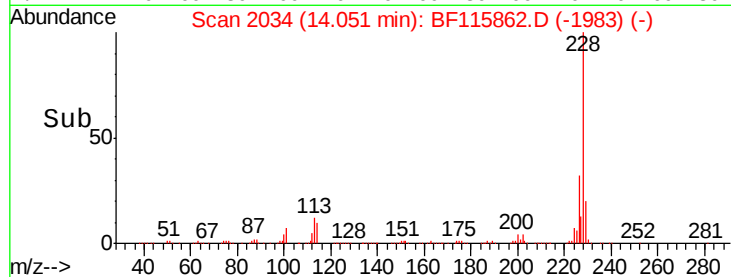
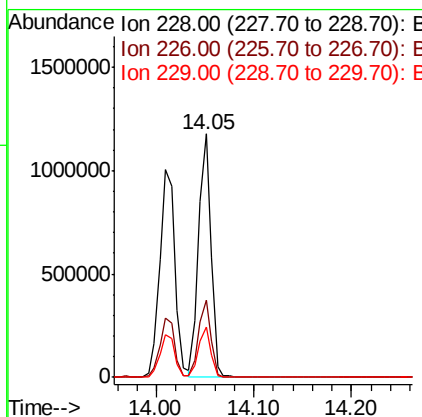
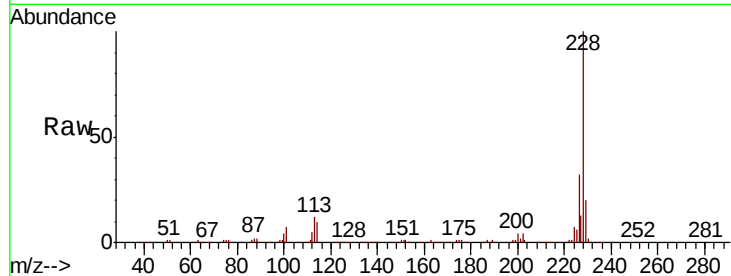
#83
 Chrvsene
 Concen: 42.589 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Instrument :
 BNA_F
 ClientSampleId :
 PB121801BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.8	37.2
229	20.4	16.4	24.6

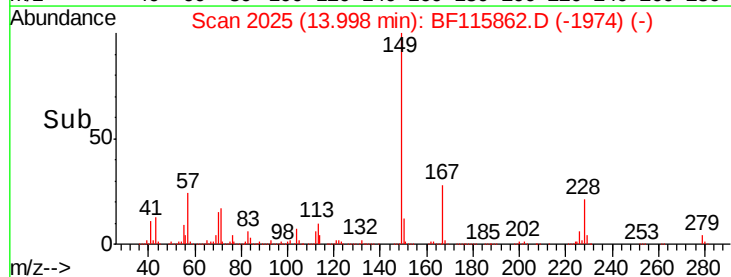
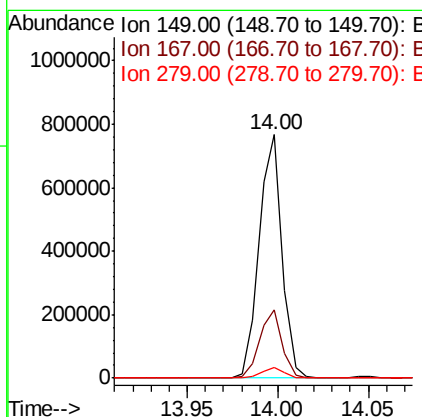
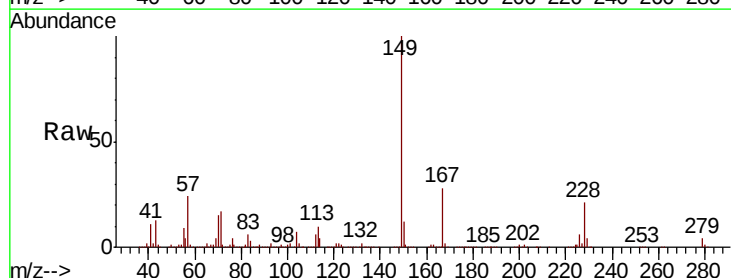
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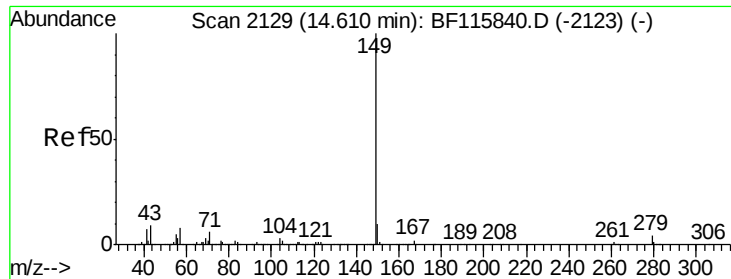
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.046 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115862.D
 Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.3	3.3	4.9





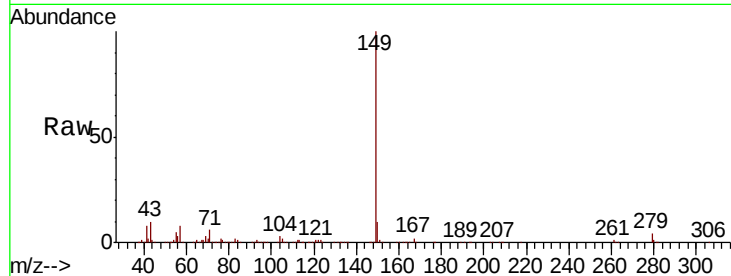
#85
Di-n-octyl phthalate
Concen: 42.806 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

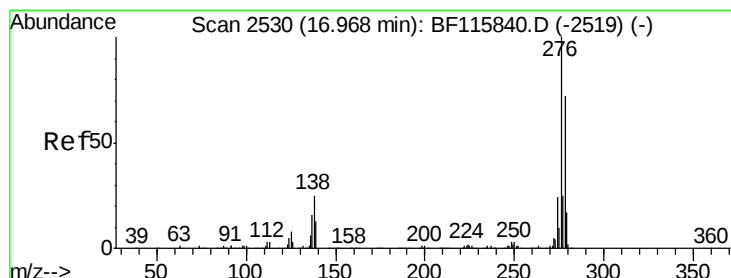
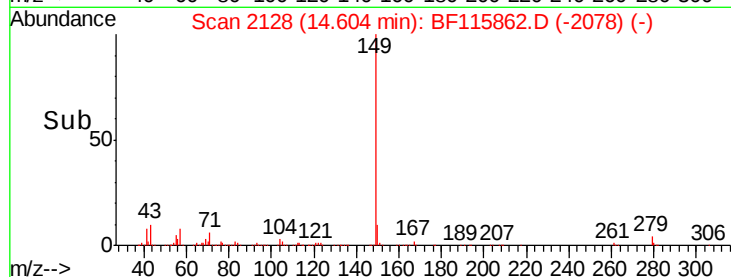
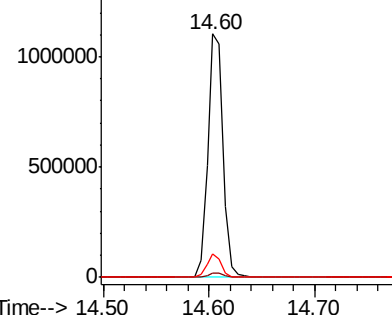
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.2	7.4	11.0

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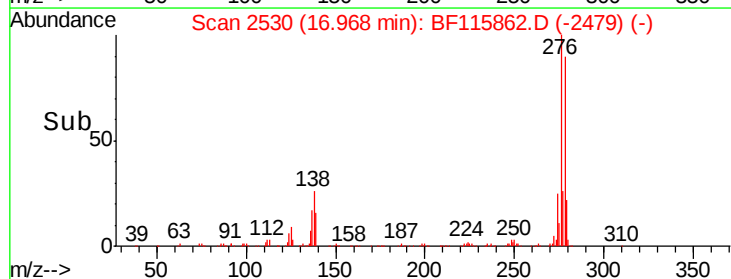
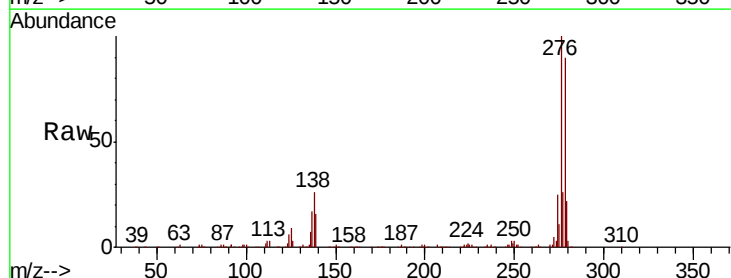
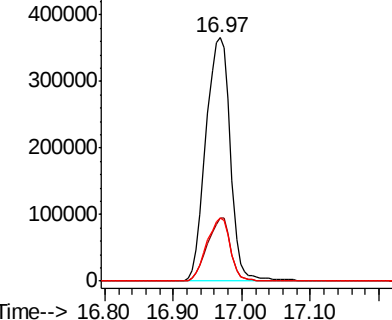
Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

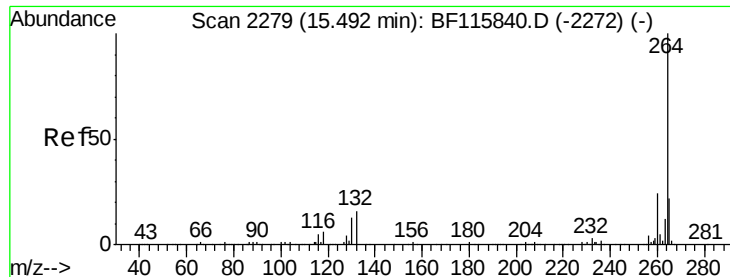


#86
Indeno(1,2,3-cd)pyrene
Concen: 44.156 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.6	29.4
277	25.2	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Instrument :

BNA_F

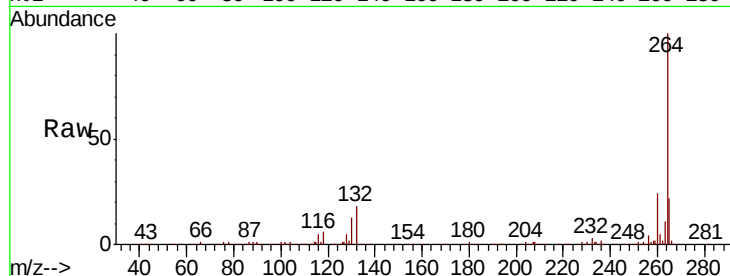
ClientSampleId :

PB121801BS

Tot Ion:	264	Resp:	373587
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.4	29.2
265	22.0	17.5	26.3

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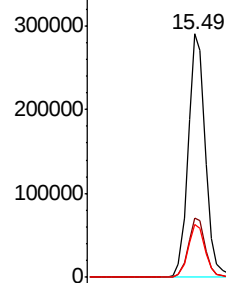


Abundance

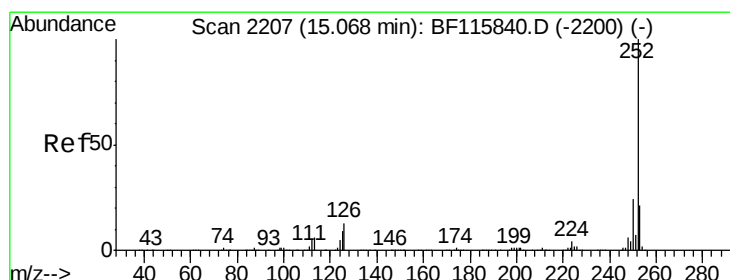
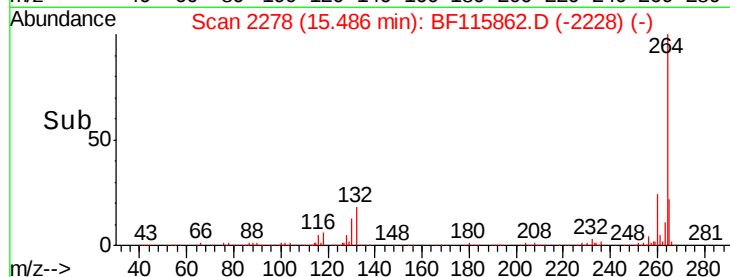
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 43.793 ng

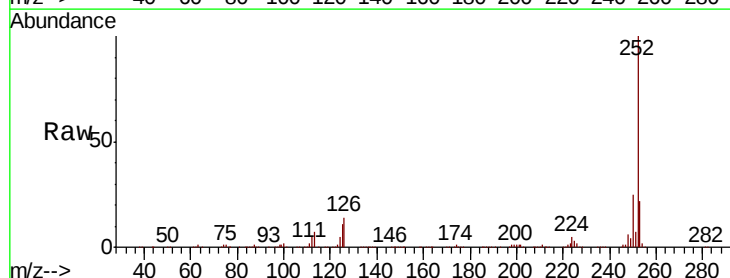
RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF115862.D

Acq: 31 Jul 2019 13:32

Tgt Ion:	252	Resp:	945977
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.2	25.8
125	10.5	7.4	11.0

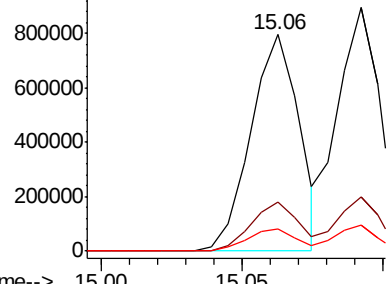


Abundance

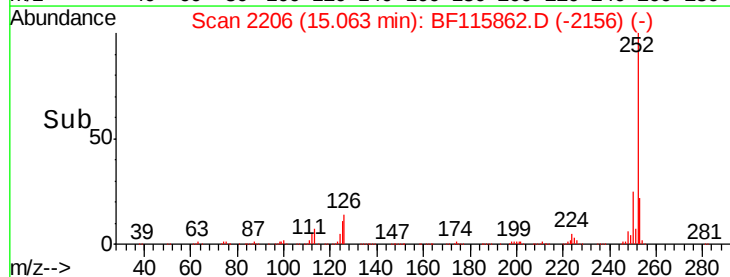
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





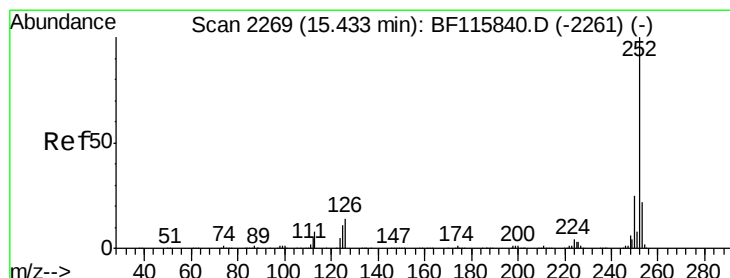
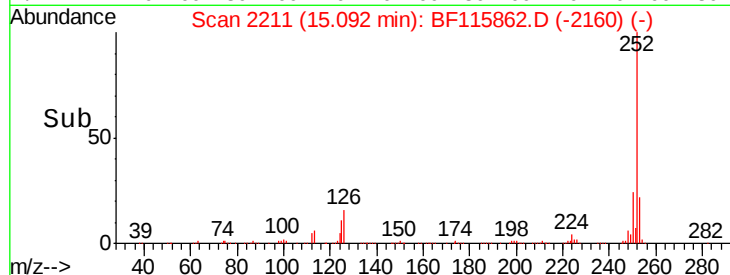
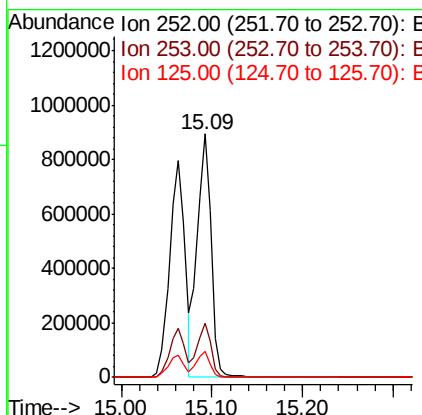
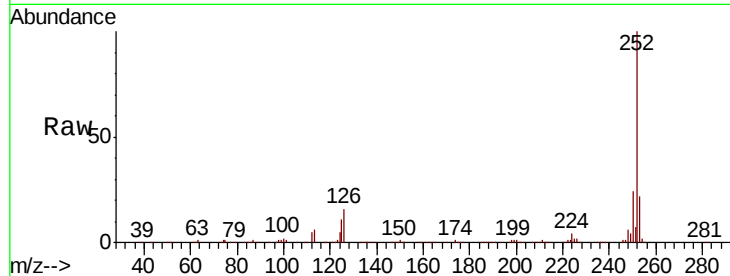
#89
Benzo(k)fluoranthene
Concen: 45.609 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.6	8.9	13.3

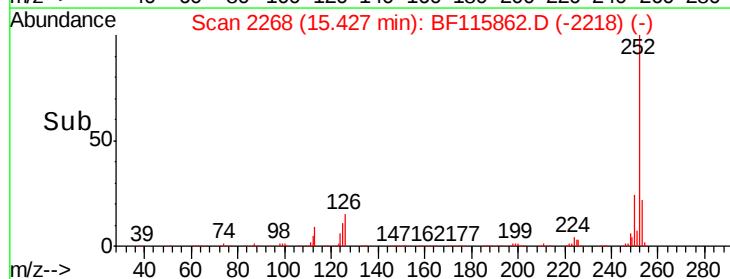
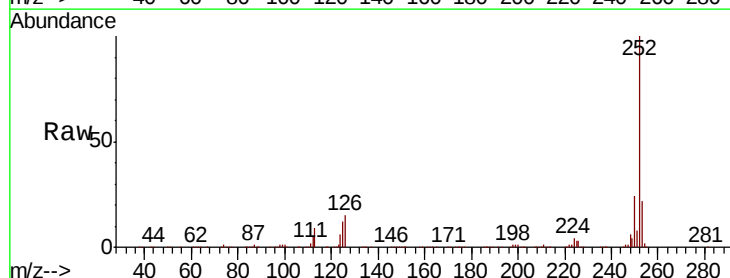
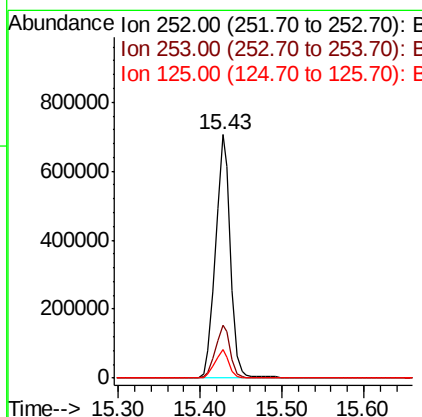
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#90
Benzo(a)pyrene
Concen: 46.566 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	11.5	8.8	13.2





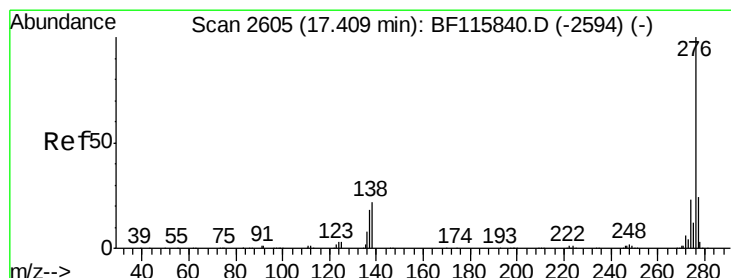
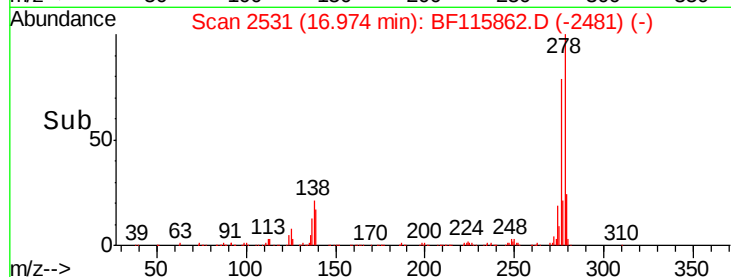
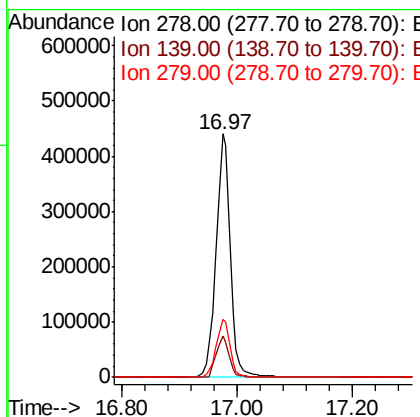
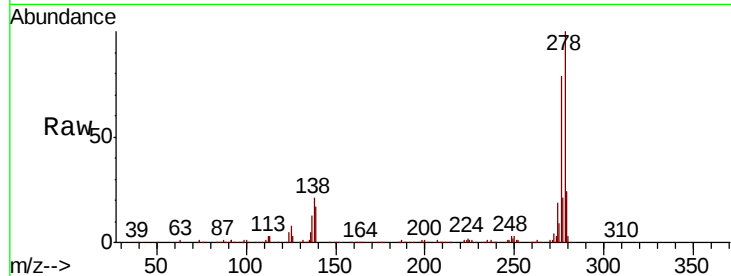
#91
Dibenzo(a,h)anthracene
Concen: 45.241 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.01 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Instrument :
BNA_F
ClientSampleId :
PB121801BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	23.6	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/1/2019 5:06:26 PM



#92
Benzo(g,h,i)perylene
Concen: 45.903 ng
RT: 17.41 min Scan# 2605
Delta R.T. 0.00 min
Lab File: BF115862.D
Acq: 31 Jul 2019 13:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	21.0	17.8	26.8

