

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120419\
 Data File : BF118085.D
 Acq On : 4 Dec 2019 14:40
 Operator : JU
 Sample : PB125225BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

Manual Integrations
 APPROVED

mohammad
 12/5/2019 10:50:41 AM

Quant Time: Dec 05 01:08:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	190280	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	783619	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	400532	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	824220	20.00	ng	0.00
76) Chrysene-d12	14.08	240	509365	20.00	ng	0.00
87) Perylene-d12	15.57	264	399119	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1141304	106.17	ng	0.02
7) Phenol-d6	6.52	99	1486338	114.64	ng	0.00
23) Nitrobenzene-d5	7.45	82	848010	64.33	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	628706	148.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1726261	77.32	ng	0.00
79) Terphenyl-d14	13.02	244	1973849	70.82	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.73	88	166150	33.066 ng	99
3) Pyridine	3.49	79	402925	30.569 ng	99
4) n-Nitrosodimethylamine	3.43	42	206139	35.827 ng	89
6) Aniline	6.54	93	467090	27.261 ng	99
8) 2-Chlorophenol	6.67	128	533929	45.775 ng	99
9) Benzaldehyde	6.43	77	178869	17.491 ng	98
10) Phenol	6.53	94	600930	44.601 ng	95
11) bis(2-Chloroethyl)ether	6.62	93	457061	42.244 ng	96
12) 1,3-Dichlorobenzene	6.82	146	577183	42.031 ng	99
13) 1,4-Dichlorobenzene	6.90	146	600496	43.261 ng	98
14) 1,2-Dichlorobenzene	7.05	146	580889	43.757 ng	99
15) Benzyl Alcohol	7.02	79	470749	47.027 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	583920	35.053 ng	99
17) 2-Methylphenol	7.13	107	457521	46.318 ng	99
18) Hexachloroethane	7.39	117	216556	42.469 ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	340900	42.618 ng	98
20) 3+4-Methylphenols	7.29	107	531452	43.342 ng	97
22) Acetophenone	7.29	105	712451	40.467 ng	# 95
24) Nitrobenzene	7.46	77	566145	41.631 ng	98
25) Isophorone	7.70	82	997872	41.301 ng	99
26) 2-Nitrophenol	7.78	139	333585	50.398 ng	99
27) 2,4-Dimethylphenol	7.82	122	493643	47.995 ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	650573	42.433 ng	99
29) 2,4-Dichlorophenol	8.03	162	482017	43.205 ng	98
30) 1,2,4-Trichlorobenzene	8.11	180	536950	41.493 ng	98
31) Naphthalene	8.19	128	1614994	44.208 ng	99
32) Benzoic acid	7.95	122	339587	39.432 ng	99
33) 4-Chloroaniline	8.23	127	408565	24.982 ng	99
34) Hexachlorobutadiene	8.30	225	308282	40.745 ng	98
35) Caprolactam	8.62	113	148273m	41.818 ng	
36) 4-Chloro-3-methylphenol	8.73	107	518331	45.779 ng	93
37) 2-Methylnaphthalene	8.89	142	1123476	45.516 ng	98
38) 1-Methylnaphthalene	8.99	142	1051132	45.044 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	481232	41.372 ng	99

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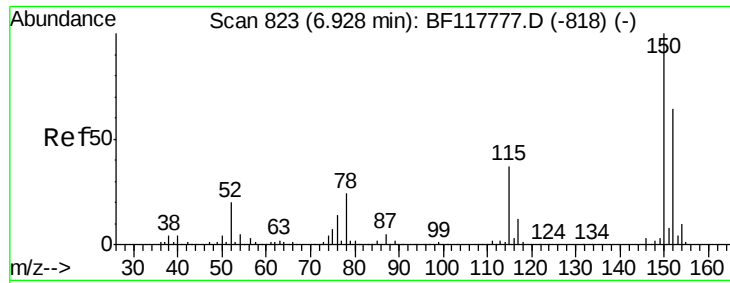
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 12/5/2019 10:50:41 AM

Quant Time: Dec 05 01:08:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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 QLast Update : Tue Dec 03 15:16:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	431021	66.123	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	368538	44.235	nq	100
44) 2,4,5-Trichlorophenol	9.21	196	379026	43.816	nq	98
46) 1,1'-Biphenyl	9.35	154	1358082	45.702	nq	99
47) 2-Chloronaphthalene	9.37	162	1038502	42.482	nq	99
48) 2-Nitroaniline	9.47	65	301403	40.839	nq	92
49) Acenaphthylene	9.80	152	1650836	46.319	nq	99
50) Dimethylphthalate	9.65	163	1260384	44.874	nq	99
51) 2,6-Dinitrotoluene	9.72	165	284953	46.421	nq	94
52) Acenaphthene	9.97	154	915874	40.115	nq	99
53) 3-Nitroaniline	9.89	138	202719	27.599	nq	99
54) 2,4-Dinitrophenol	10.00	184	268181	84.573	nq	97
55) Dibenzofuran	10.14	168	1458695	46.138	nq	99
56) 4-Nitrophenol	10.06	139	440817	80.401	nq	97
57) 2,4-Dinitrotoluene	10.13	165	384049	49.183	nq	96
58) Fluorene	10.49	166	1113205	45.437	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	304211	42.801	nq	98
60) Diethylphthalate	10.36	149	1269868	46.374	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	564950	45.438	nq	94
62) 4-Nitroaniline	10.50	138	292261	39.739	nq	96
63) Azobenzene	10.63	77	1114937	44.755	nq	98
65) 4,6-Dinitro-2-methylphenol	10.54	198	200435	52.091	nq	96
66) n-Nitrosodiphenylamine	10.59	169	1035519	43.170	nq	97
67) 4-Bromophenyl-phenylether	10.97	248	345723	38.875	nq	92
68) Hexachlorobenzene	11.04	284	410855	39.620	nq	95
69) Atrazine	11.12	200	339174	42.984	nq	100
70) Pentachlorophenol	11.23	266	459861	75.904	nq	98
71) Phenanthrene	11.45	178	1798666	43.405	nq	98
72) Anthracene	11.50	178	1771356	43.114	nq	99
73) Carbazole	11.66	167	1460182	40.670	nq	99
74) Di-n-butylphthalate	11.99	149	1940710	43.414	nq	99
75) Fluoranthene	12.65	202	1528937	39.617	nq	99
77) Benzidine	12.76	184	220623	13.223	nq	98
78) Pyrene	12.87	202	1717672	41.727	nq	99
80) Butylbenzylphthalate	13.49	149	719164	40.676	nq	98
81) Benzo(a)anthracene	14.07	228	1376363	40.891	nq	100
82) 3,3'-Dichlorobenzidine	14.03	252	366385	31.118	nq	100
83) Chrysene	14.11	228	1372516	42.081	nq	99
84) Bis(2-ethylhexyl)phthalate	14.05	149	968931	45.204	nq	99
85) Di-n-octyl phthalate	14.66	149	1695086	53.830	nq	99
86) Indeno(1,2,3-cd)pyrene	17.10	276	1279229	46.083	nq	98
88) Benzo(b)fluoranthene	15.13	252	1423192	54.884	nq	99
89) Benzo(k)fluoranthene	15.17	252	1279396	52.364	nq	99
90) Benzo(a)pyrene	15.52	252	1107270	48.560	nq	100
91) Dibenzo(a,h)anthracene	17.12	278	1088733	55.473	nq	99
92) Benzo(g,h,i)perylene	17.56	276	1067771	54.622	nq	98

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



#1

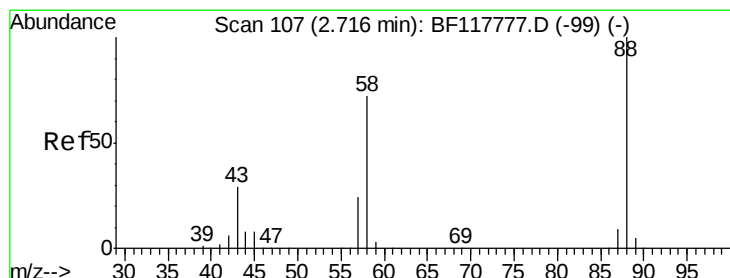
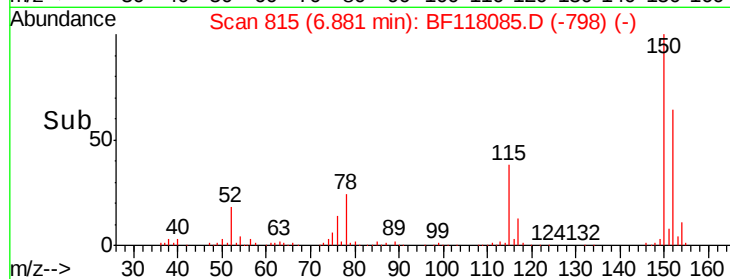
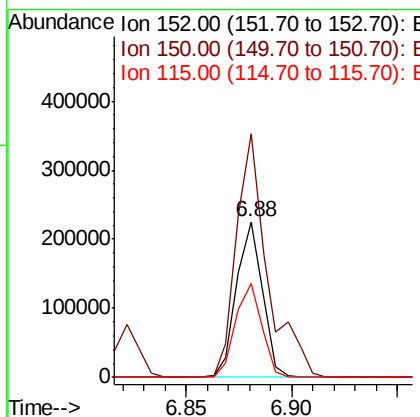
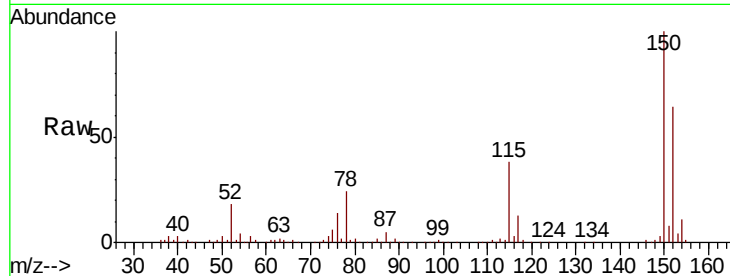
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.4	182.2
115	59.8	48.8	73.2

Manual Integrations
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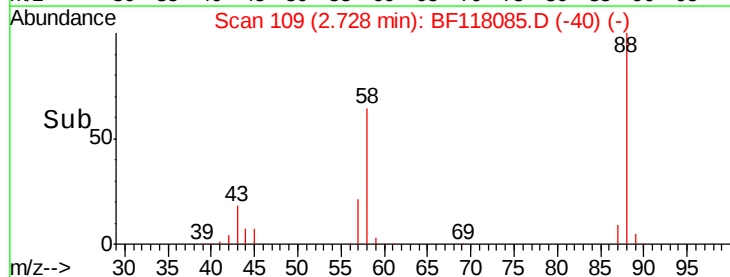
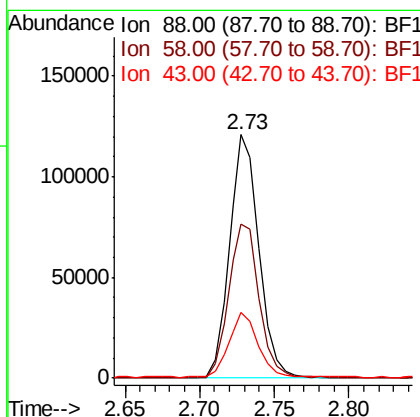
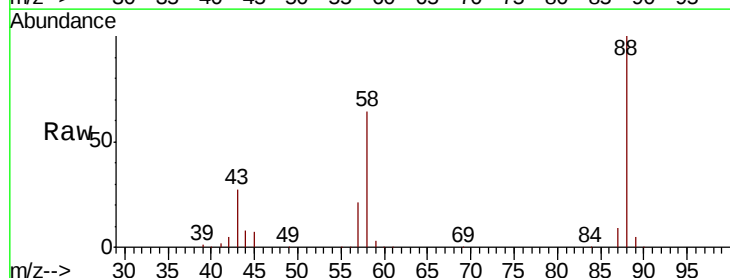
mohammad
12/5/2019 10:50:41 AM

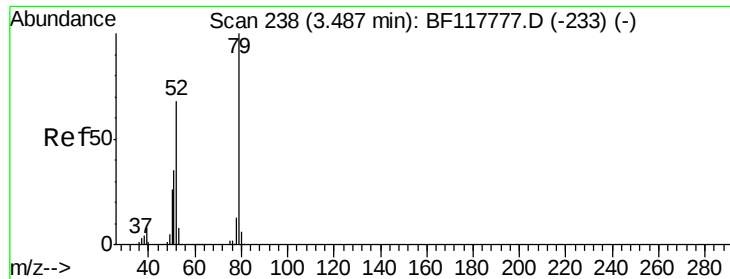


#2

1,4-Dioxane
Concen: 33.066 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.6	78.8
43	26.2	21.8	32.6





#3

Pvridine

Concen: 30.569 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.11 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

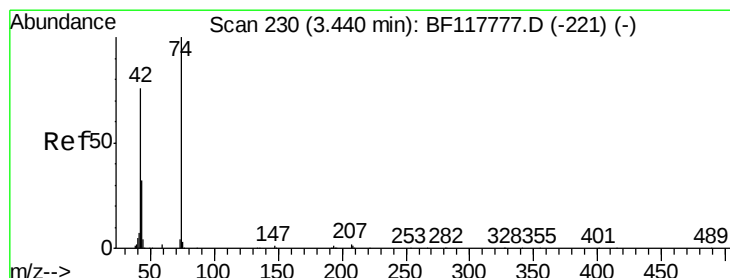
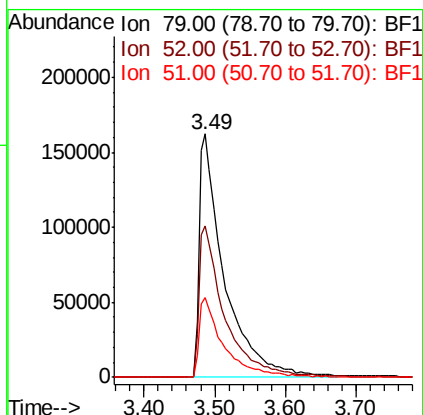
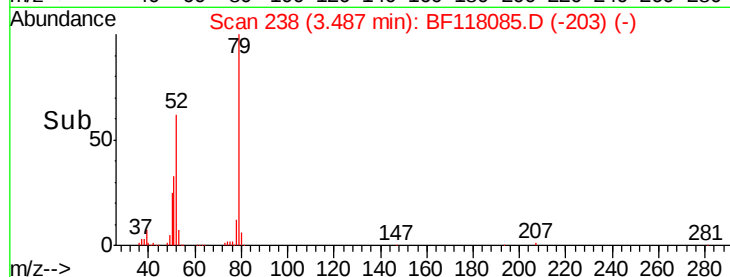
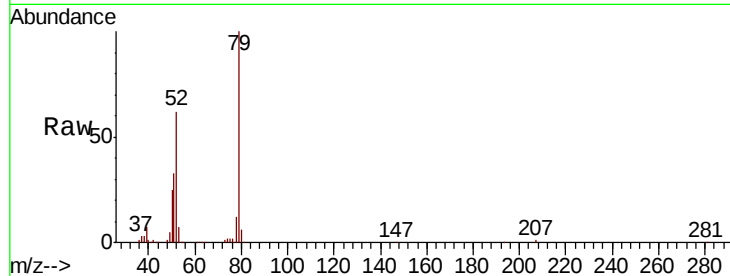
ClientSampleId :

PB125225BSD

Tot Ion:	79	Resp:	402925
Ion Ratio	Lower	Upper	
79	100		
52	62.2	50.6	75.8
51	32.7	26.8	40.2

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#4

n-Nitrosodimethylamine

Concen: 35.827 ng

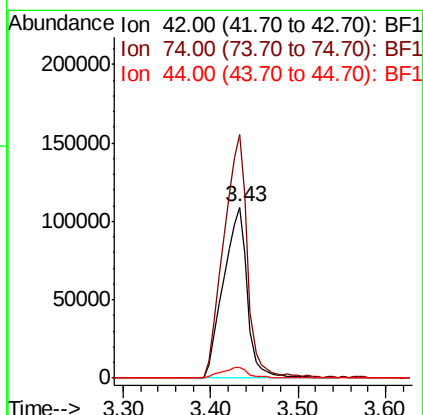
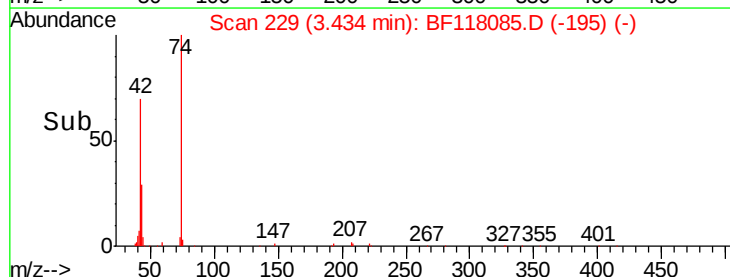
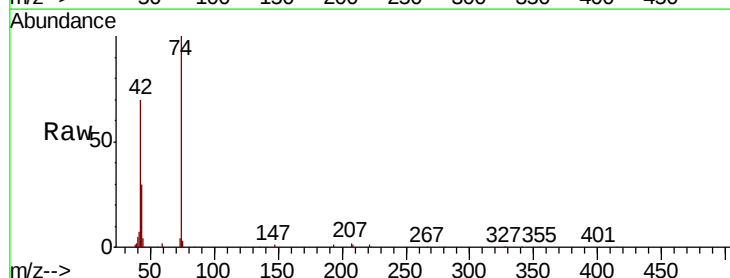
RT: 3.43 min Scan# 229

Delta R.T. 0.10 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	42	Resp:	206139
Ion Ratio	Lower	Upper	
42	100		
74	142.3	102.8	154.2
44	6.1	4.7	7.1





#5

2-Fluorophenol

Concen: 106.171 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB125225BSD

Tot Ion:112 Resp: 1141304

Ion Ratio Lower Upper

112 100

64 51.6 45.1 67.7

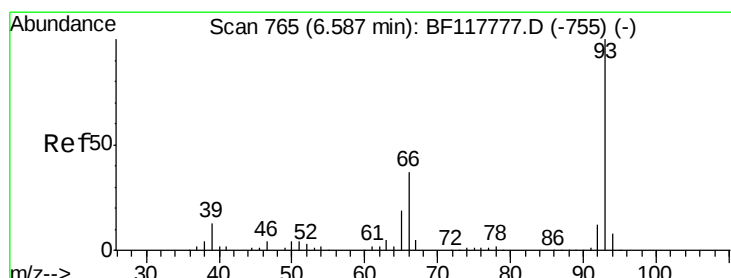
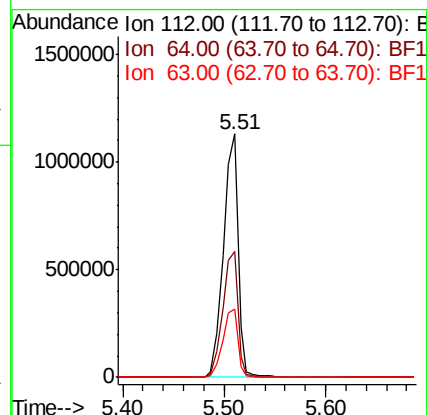
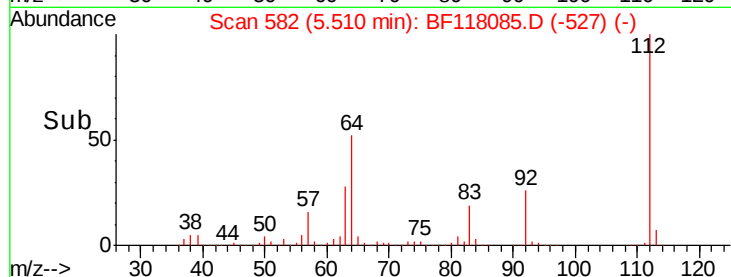
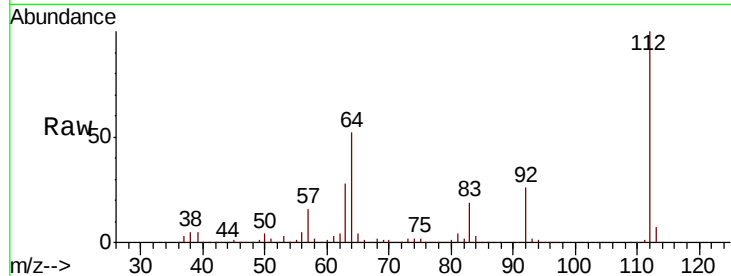
63 28.1 24.6 37.0

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#6

Aniline

Concen: 27.261 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

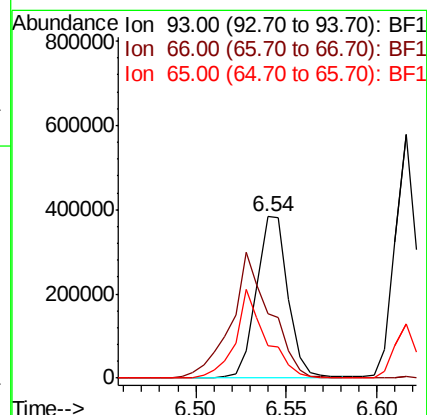
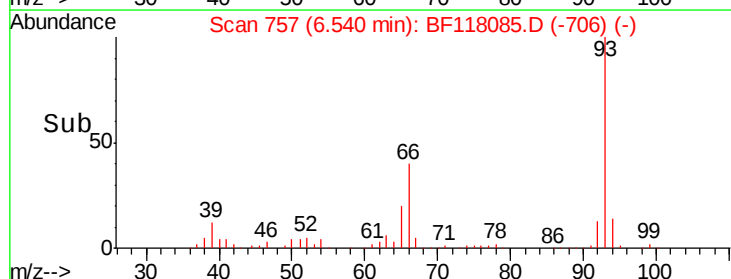
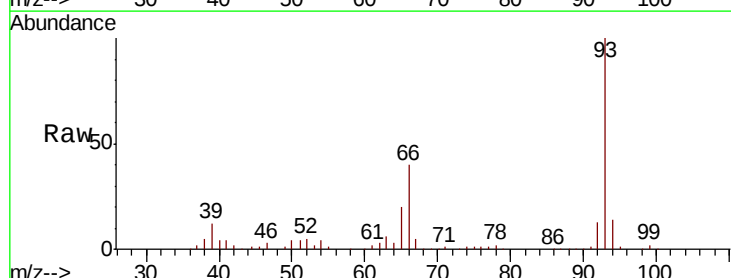
Tgt Ion: 93 Resp: 467090

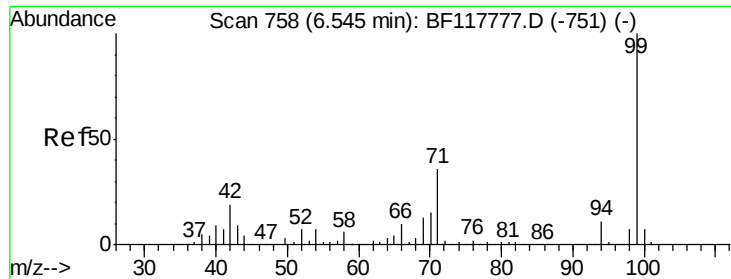
Ion Ratio Lower Upper

93 100

66 39.5 31.0 46.6

65 20.4 15.8 23.8





#7

Phenol-d6

Concen: 114.635 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB125225BSD

Tot Ion: 99 Resp: 1486338

Ion Ratio Lower Upper

99 100

42 17.3 14.0 21.0

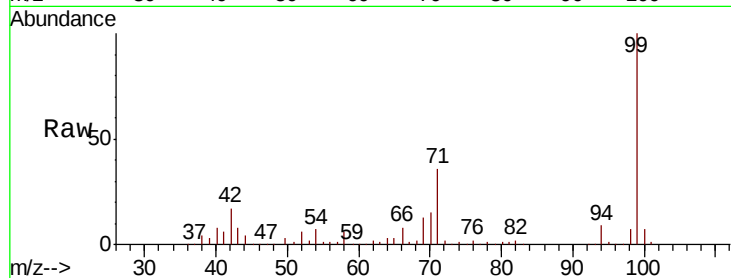
71 36.2 29.2 43.8

Manual Integrations

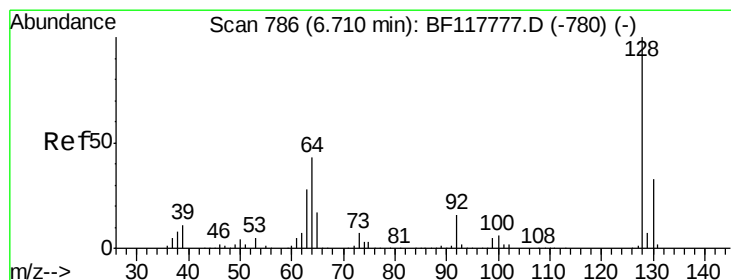
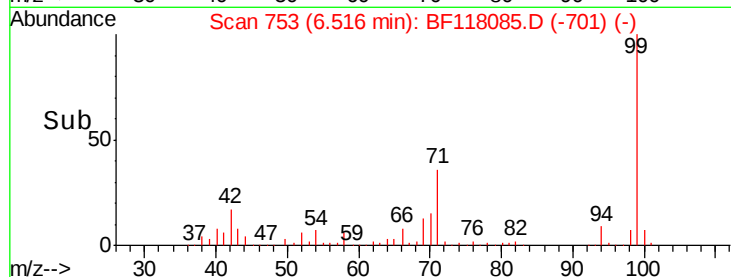
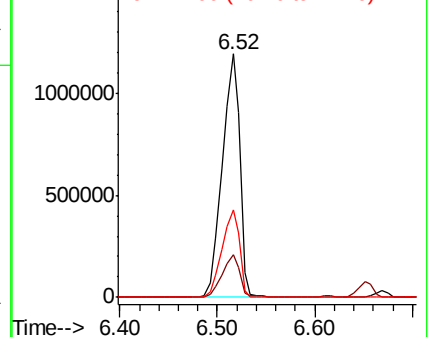
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.775 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

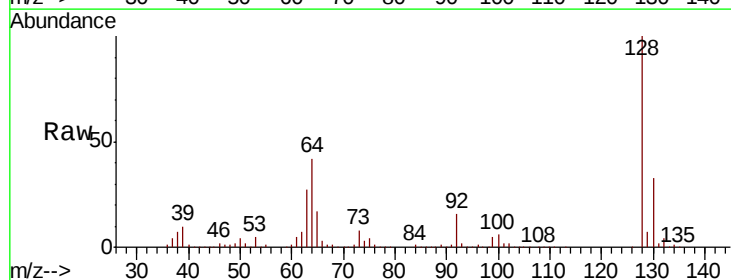
Tgt Ion:128 Resp: 533929

Ion Ratio Lower Upper

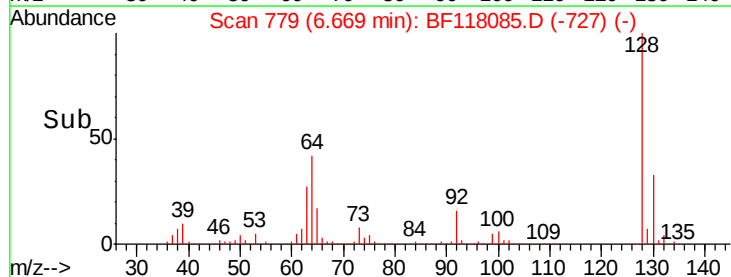
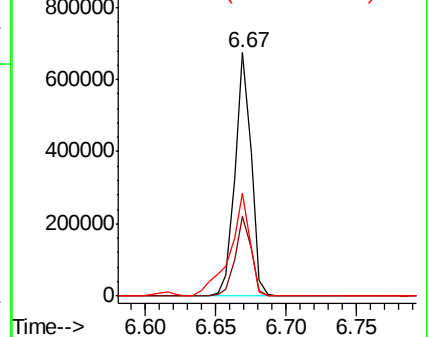
128 100

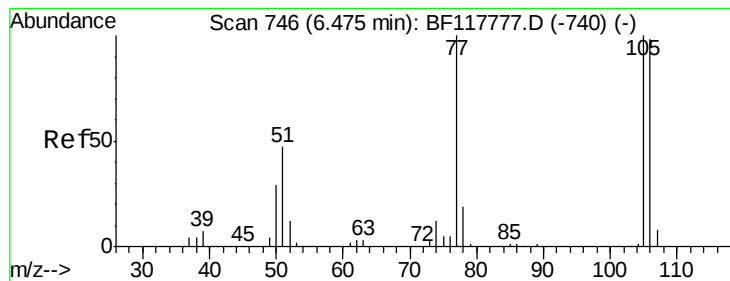
130 32.8 12.4 52.4

64 42.3 23.2 63.2



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





#9

Benzaldehyde

Concen: 17.491 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

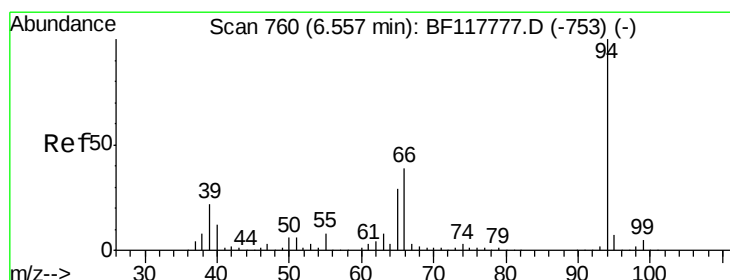
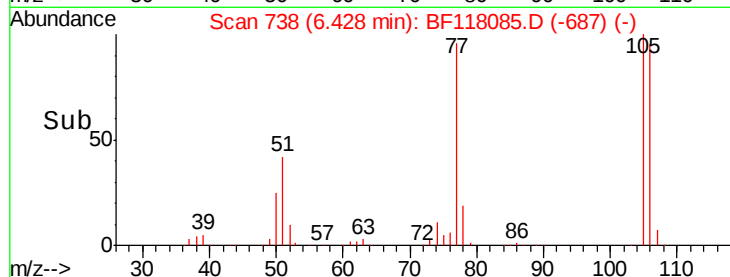
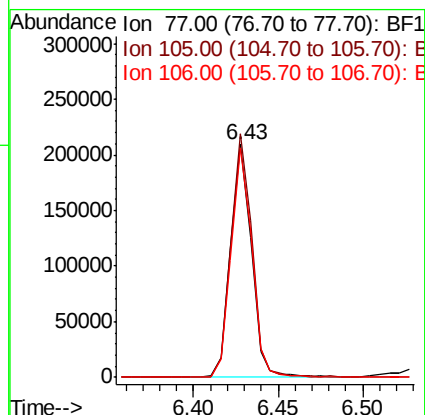
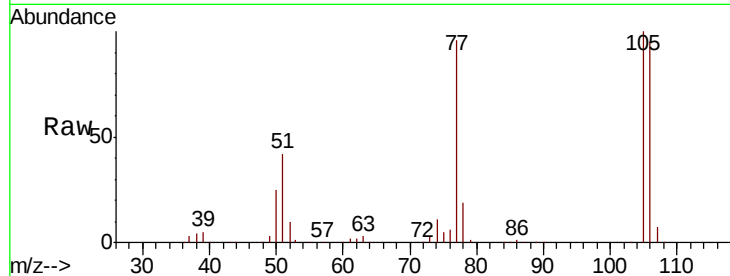
ClientSampleId :

PB125225BSD

Tot Ion:	77	Resp:	178869
Ion	Ratio	Lower	Upper
77	100		
105	104.5	83.3	123.3
106	98.8	80.9	120.9

Manual Integrations
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#10

Phenol

Concen: 44.601 ng

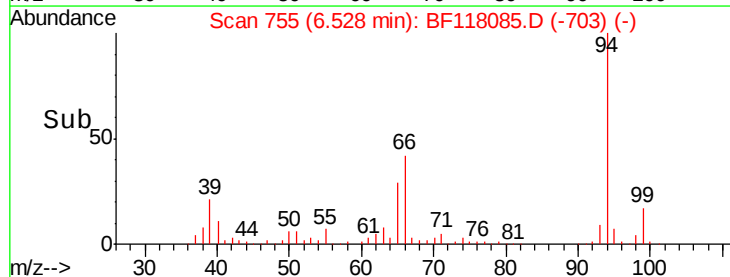
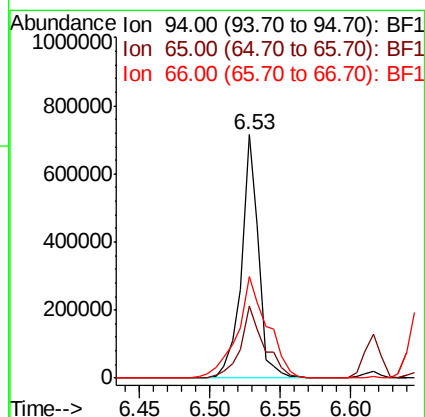
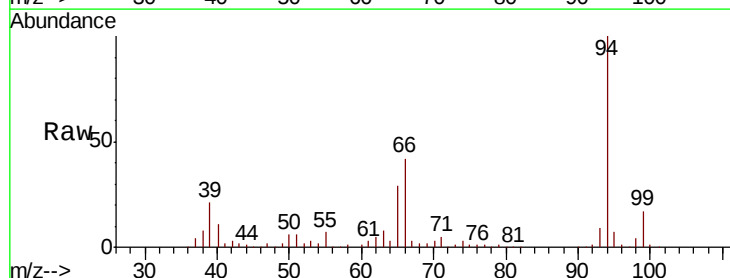
RT: 6.53 min Scan# 755

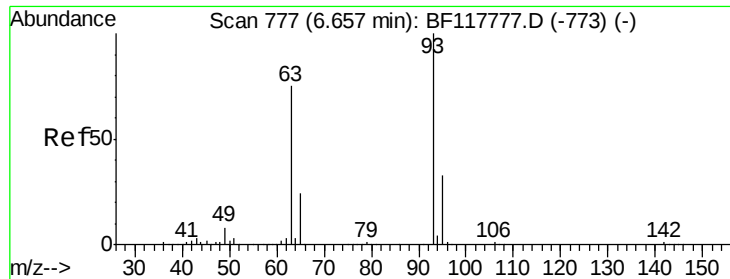
Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	94	Resp:	600930
Ion	Ratio	Lower	Upper
94	100		
65	29.4	6.9	46.9
66	41.8	18.6	58.6





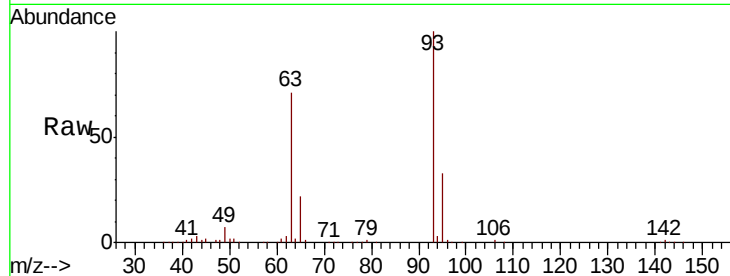
#11
bis(2-Chloroethyl)ether
Concen: 42.244 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

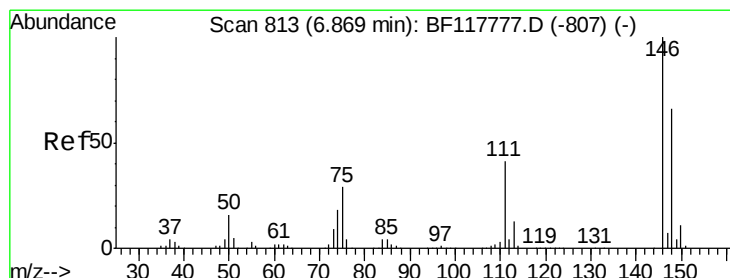
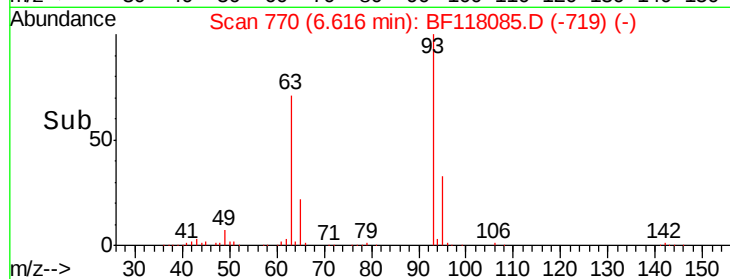
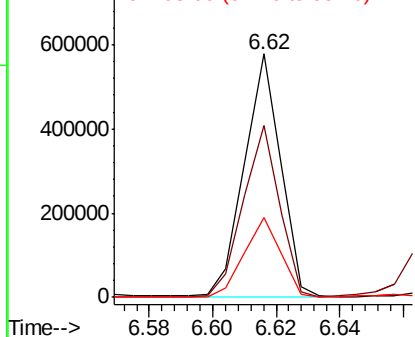
Tot Ion:	93	Resp:	457061
Ion	Ratio	Lower	Upper
93	100		
63	70.8	46.8	86.8
95	32.7	12.0	52.0

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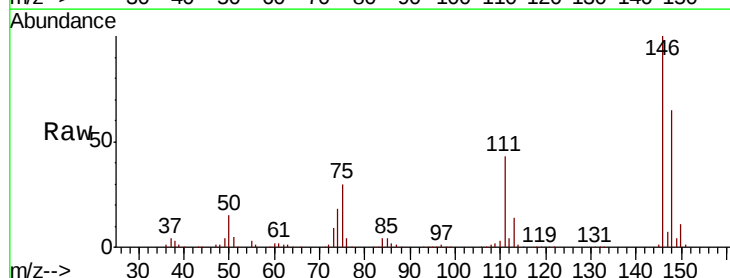


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

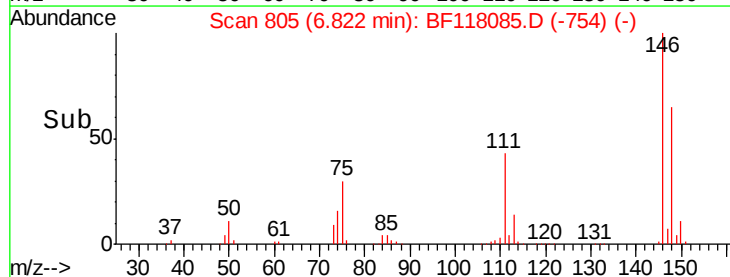
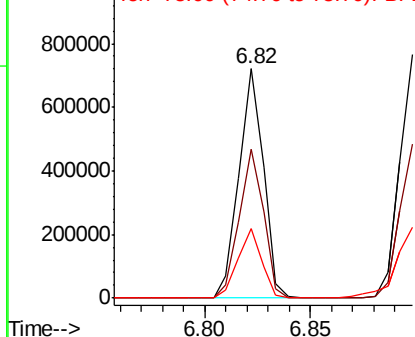


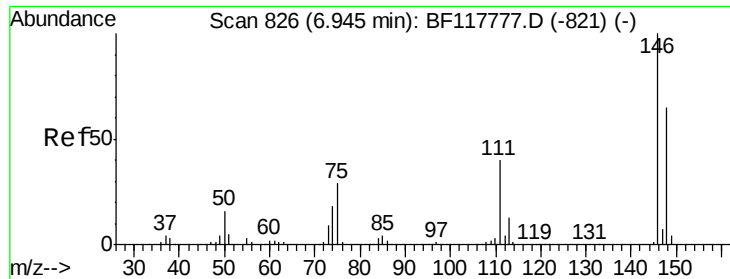
#12
1,3-Dichlorobenzene
Concen: 42.031 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:	146	Resp:	577183
Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.7	79.1
75	30.2	24.5	36.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





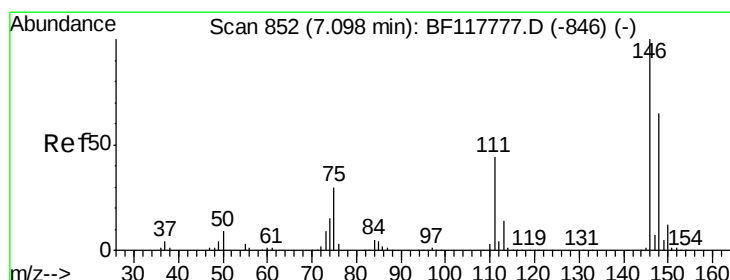
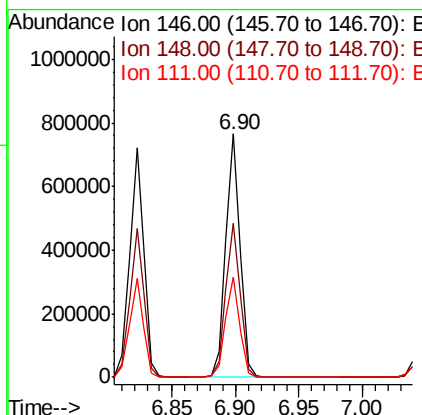
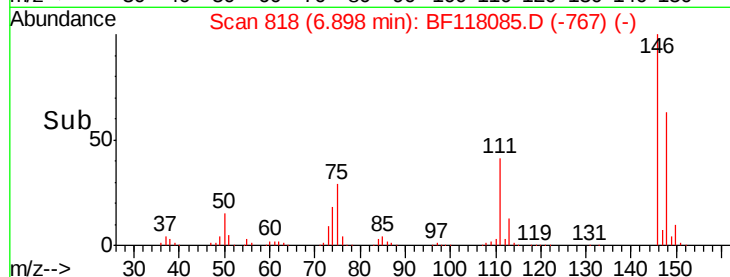
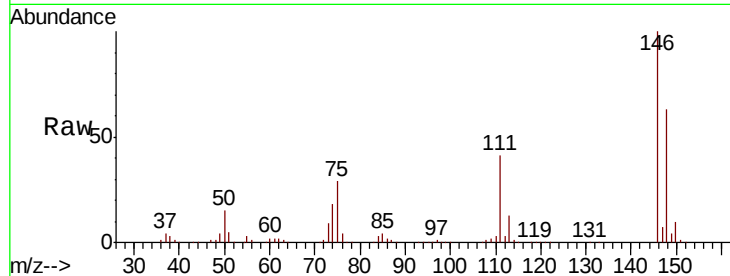
#13
 1,4-Dichlorobenzene
 Concen: 43.261 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	41.0	34.6	51.8

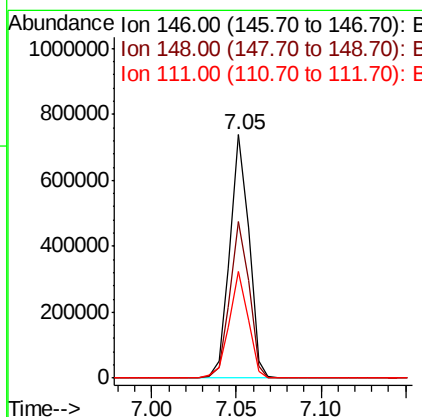
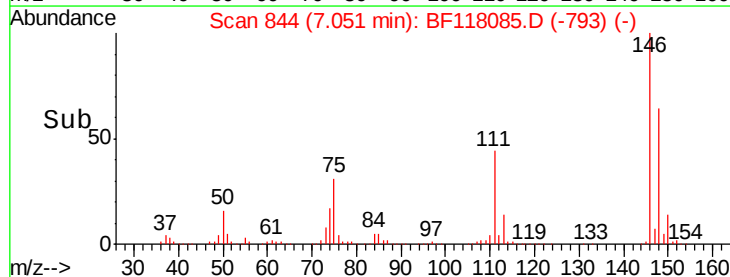
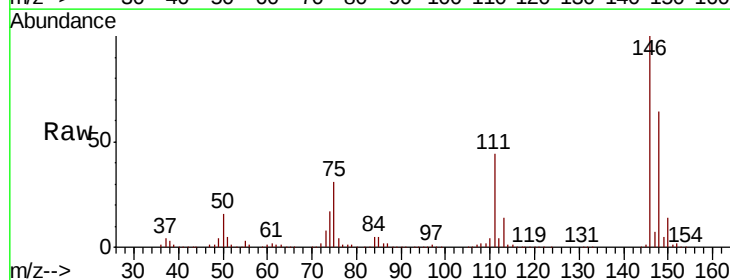
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#14
 1,2-Dichlorobenzene
 Concen: 43.757 ng
 RT: 7.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.6	77.4
111	43.7	35.8	53.8





#15

Benzyl Alcohol

Concen: 47.027 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

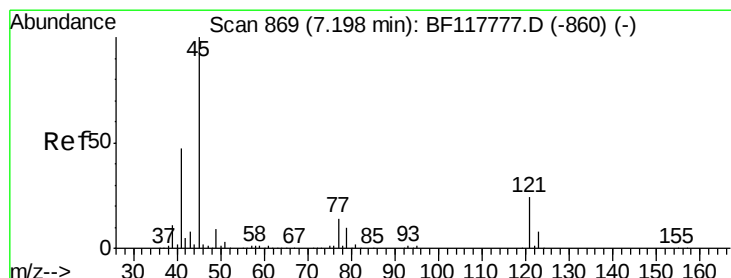
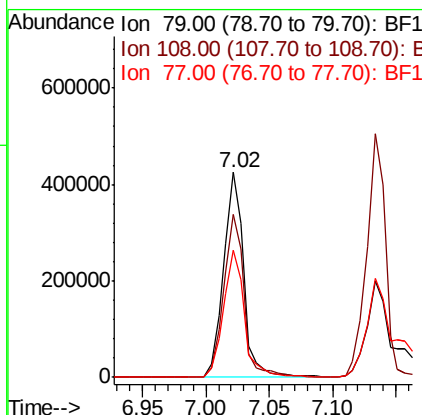
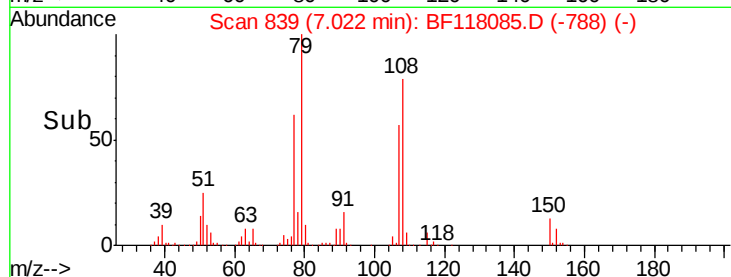
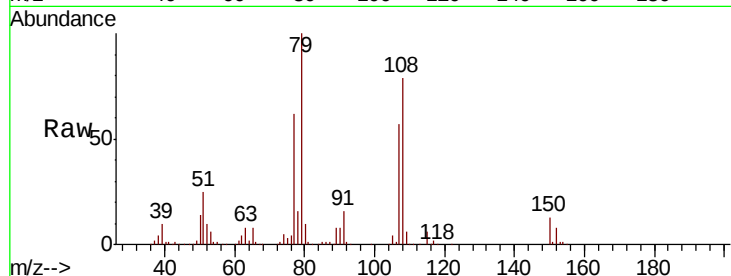
ClientSampleId :

PB125225BSD

Tot Ion:	79	Resp:	470749
Ion Ratio	Lower	Upper	
79	100		
108	79.4	63.1	94.7
77	62.1	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.053 ng

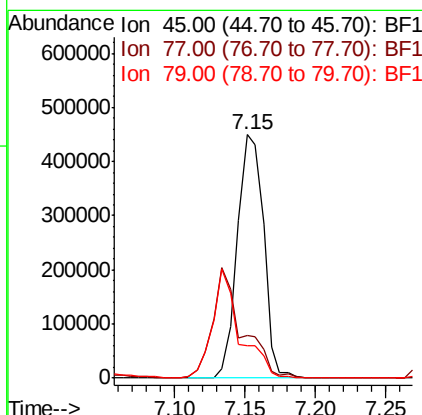
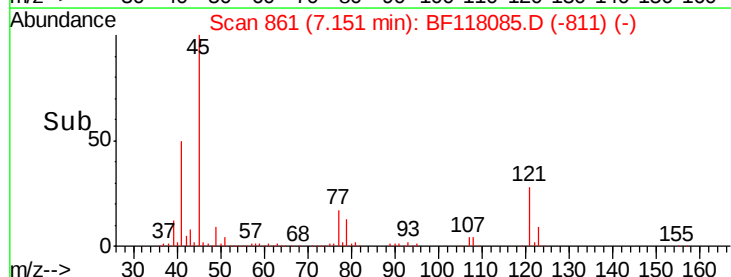
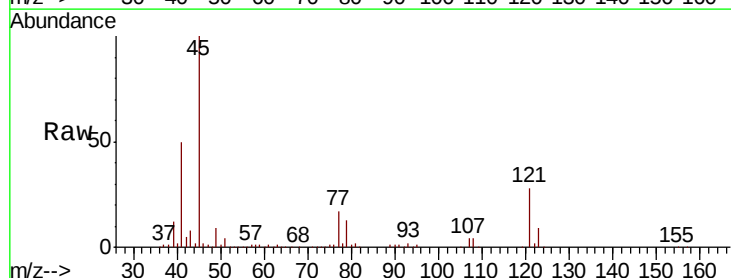
RT: 7.15 min Scan# 861

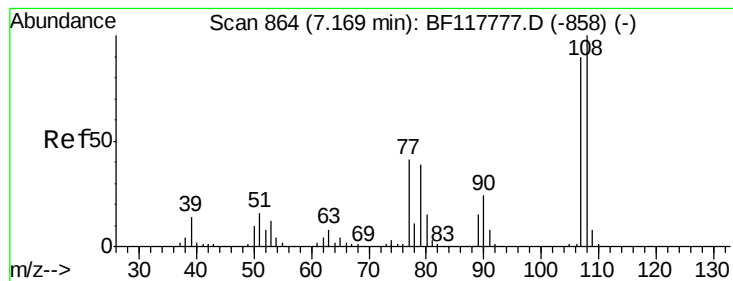
Delta R.T. -0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	45	Resp:	583920
Ion Ratio	Lower	Upper	
45	100		
77	17.5	0.0	36.8
79	13.2	0.0	33.5





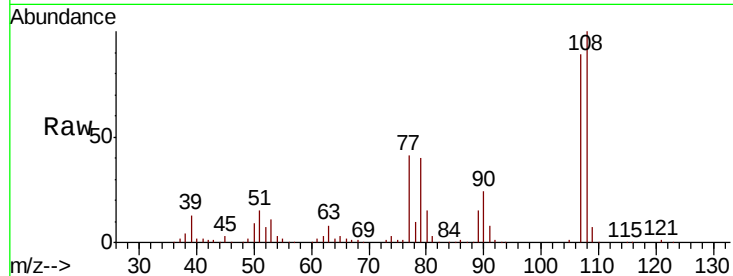
#17
2-Methylphenol
Concen: 46.318 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.1	89.8	134.8	
77	45.5	35.0	52.6	
79	44.6	35.0	52.6	

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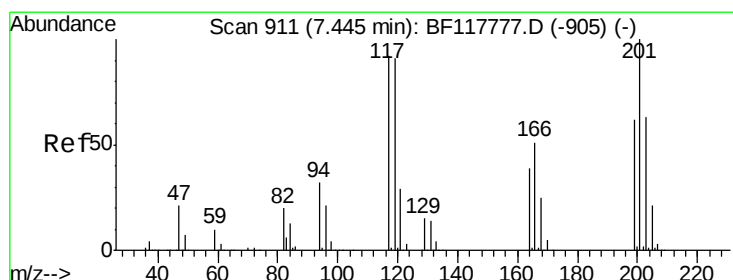
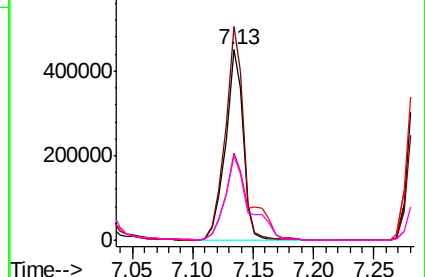
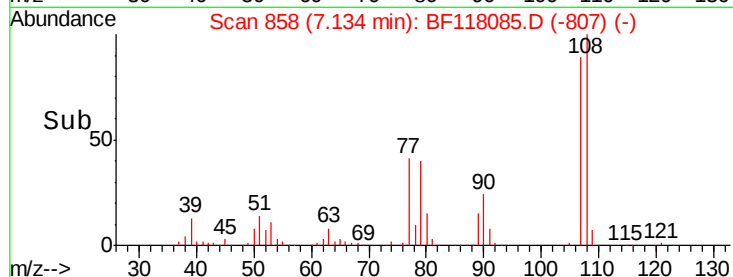
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

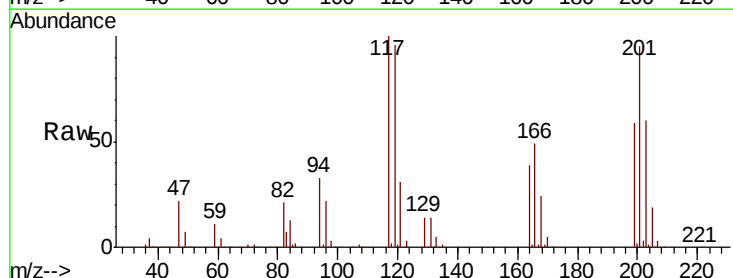
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 42.469 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.4	76.4	114.6	
201	95.5	71.7	107.5	

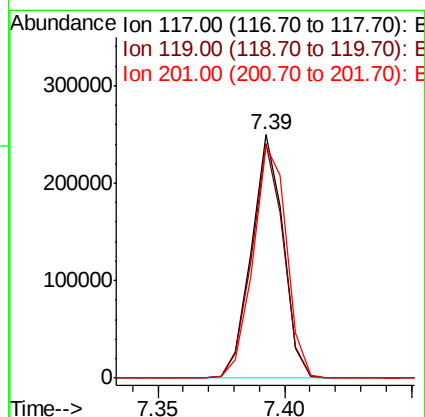
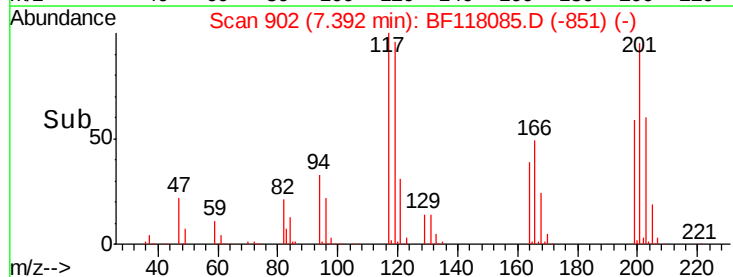


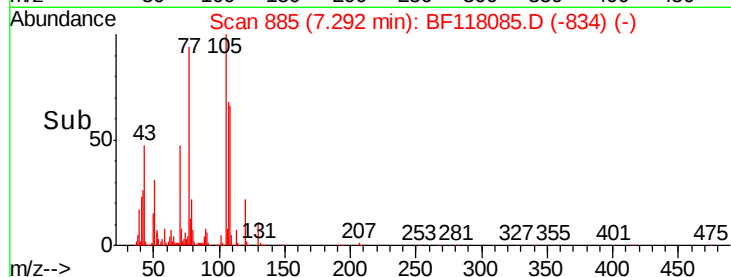
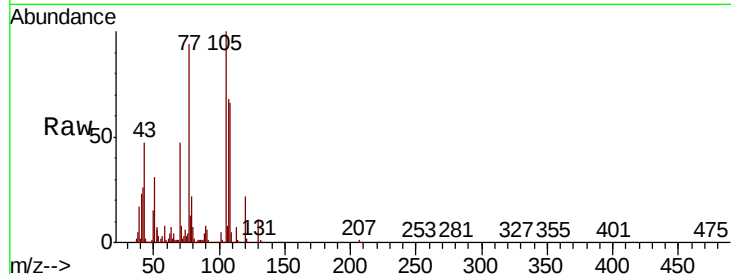
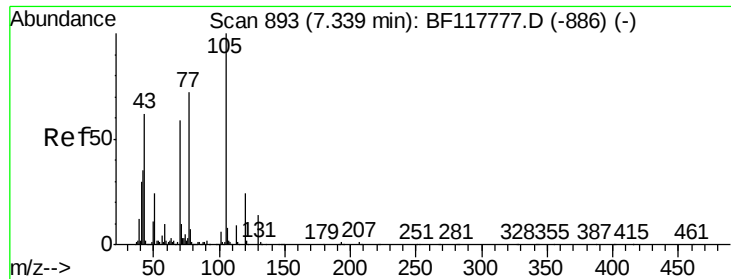
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





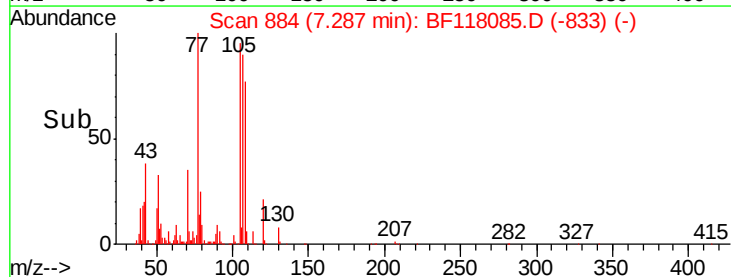
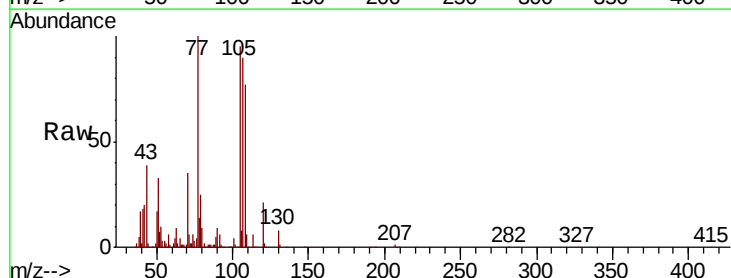
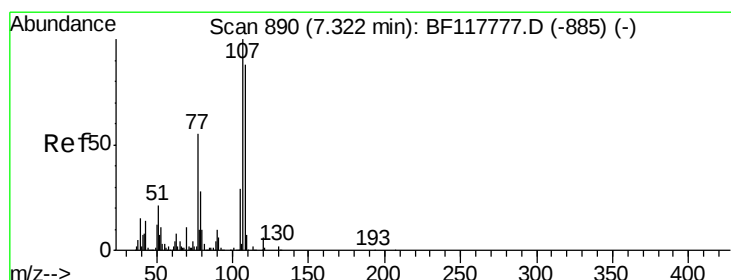
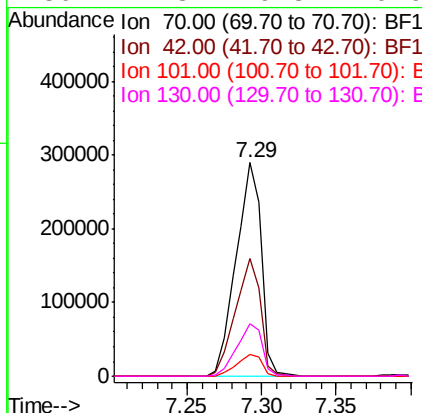
#19
n-Nitroso-di-n-propylamine
Concen: 42.618 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	46.0	69.0
101	9.9	8.8	13.2
130	24.3	19.8	29.6

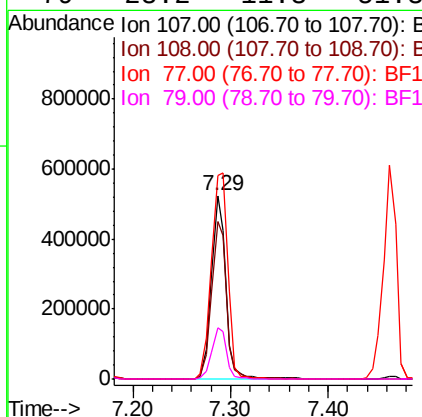
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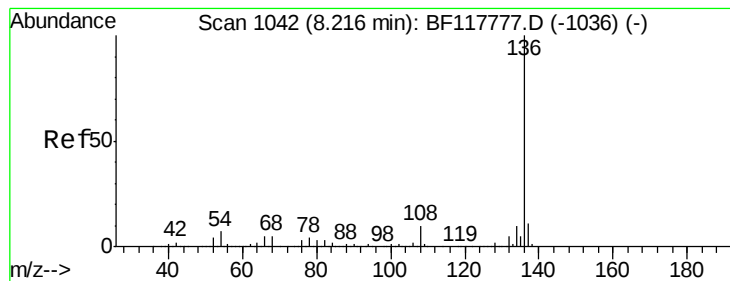
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#20
3+4-Methylphenols
Concen: 43.342 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.1	71.9	111.9
77	111.1	91.6	131.6
79	28.2	11.3	51.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

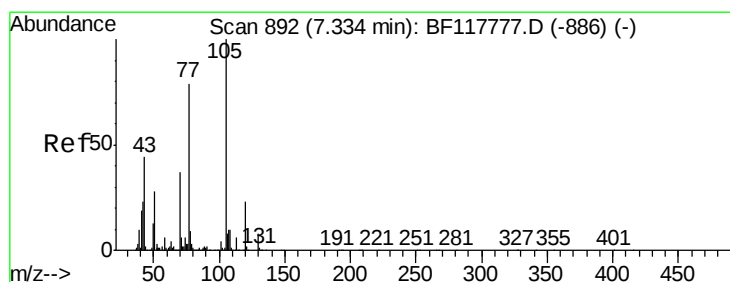
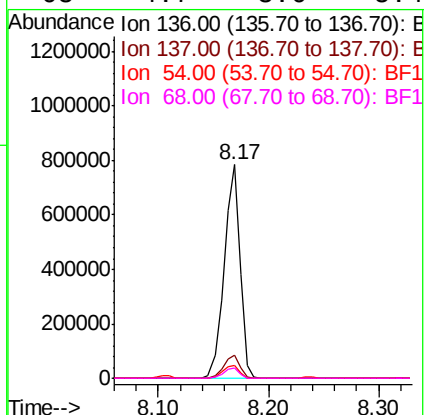
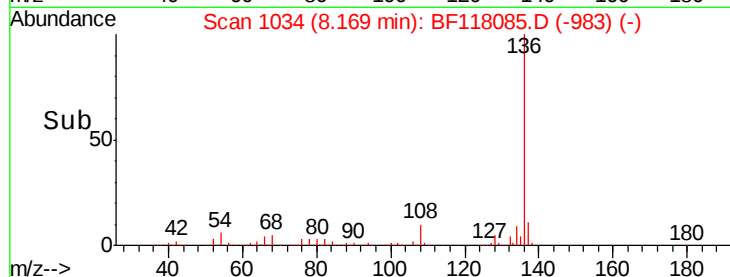
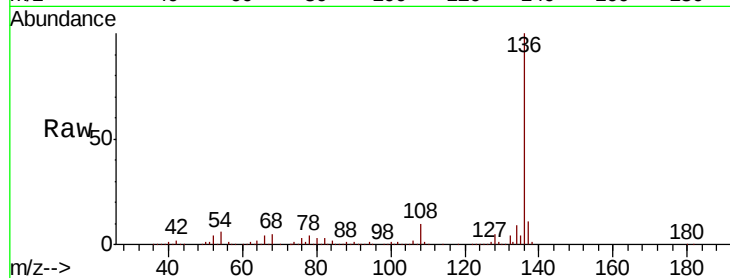
ClientSampleId :

PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	783619		
137	10.8		9.1	13.7
54	5.8		4.9	7.3
68	4.7		3.6	5.4

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#22

Acetophenone

Concen: 40.467 ng

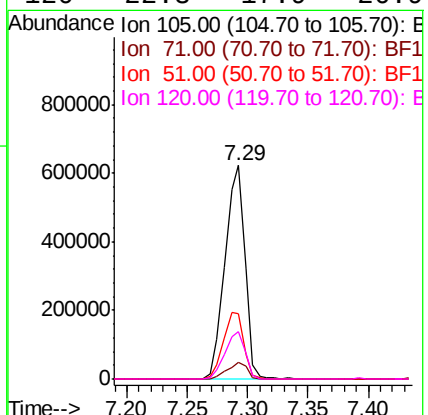
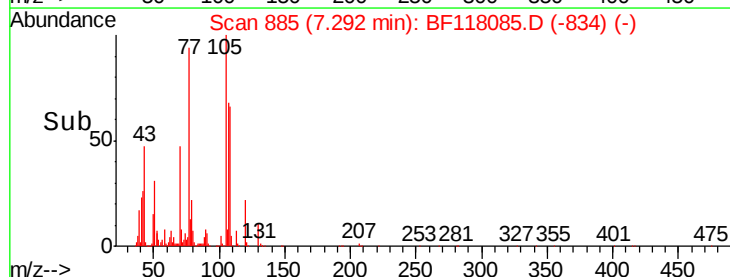
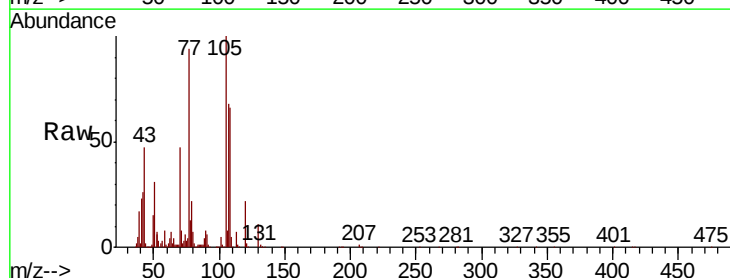
RT: 7.29 min Scan# 885

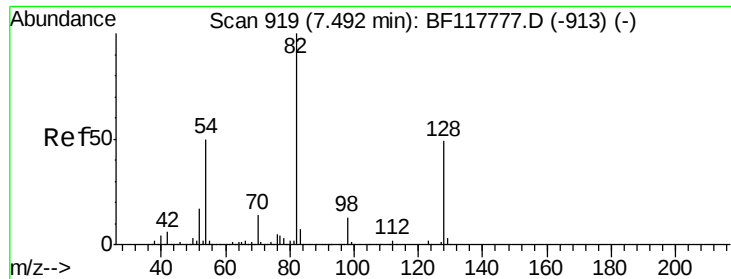
Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	712451		
71	7.8		5.9	8.9
51	30.7		20.2	30.2#
120	22.3		17.9	26.9





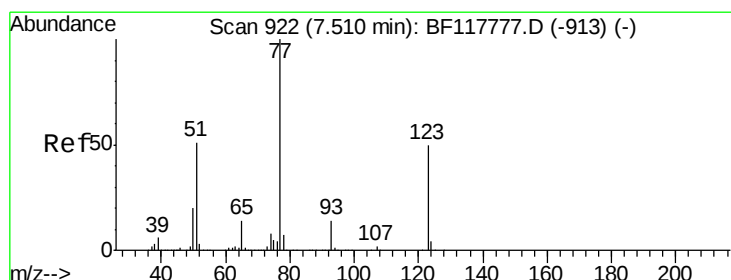
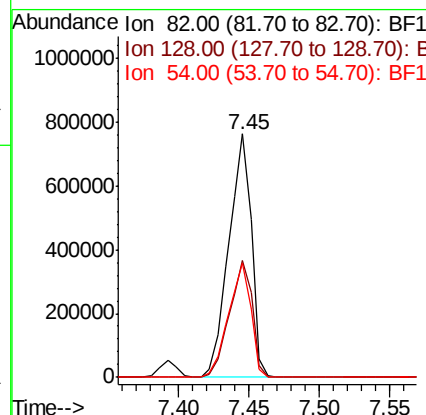
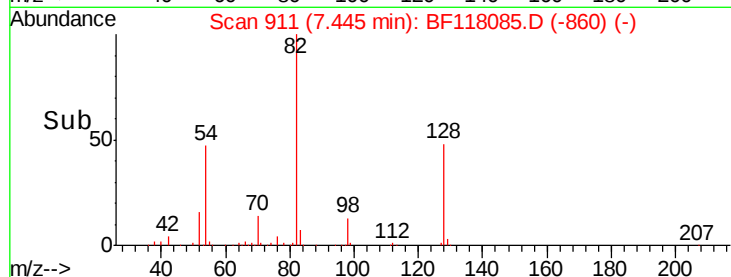
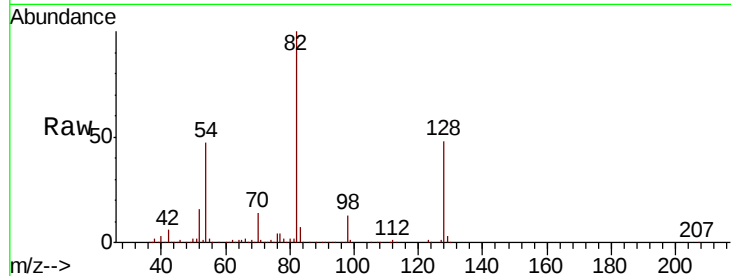
#23
Nitrobenzene-d5
Concen: 64.331 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	38.2	57.4
54	47.0	39.0	58.4

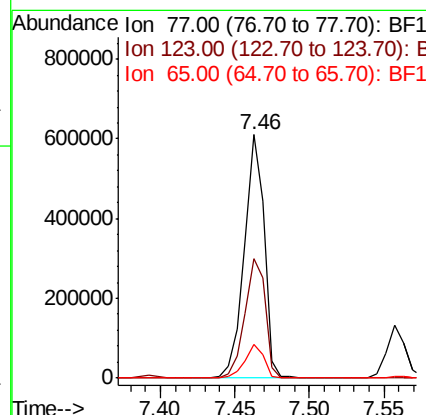
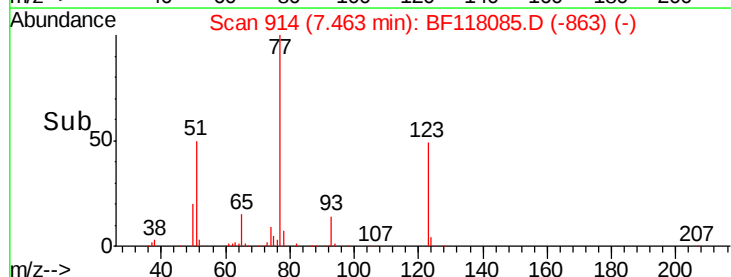
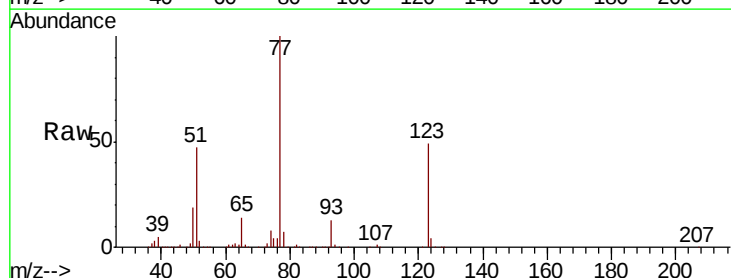
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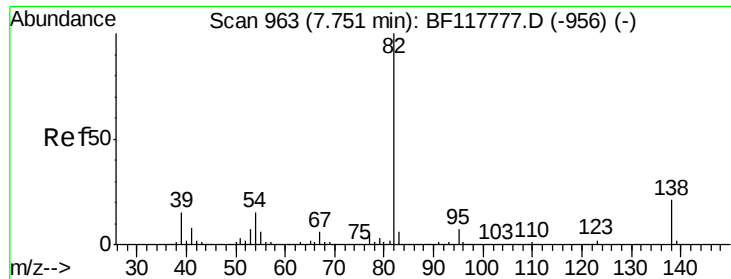
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#24
Nitrobenzene
Concen: 41.631 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	38.2	57.2
65	13.7	11.1	16.7





#25

Isophorone

Concen: 41.301 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

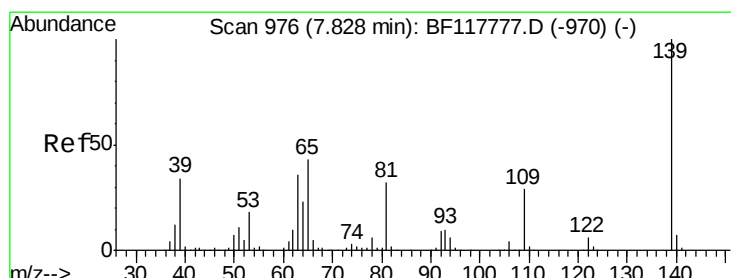
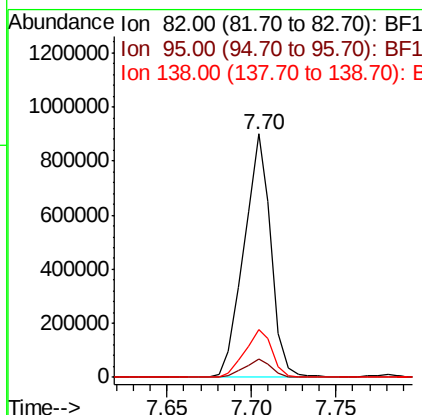
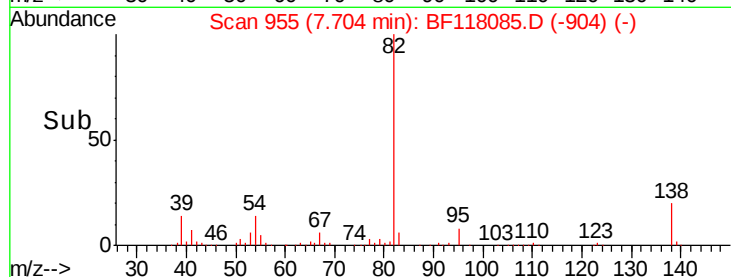
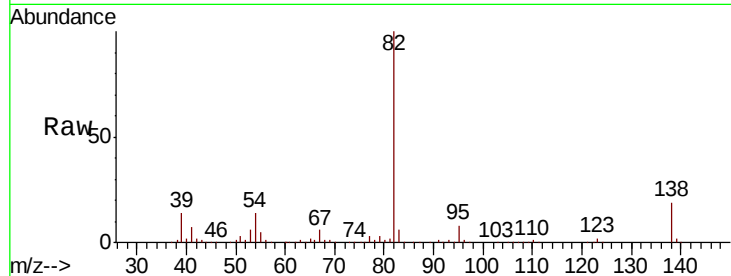
ClientSampleId :

PB125225BSD

Tot Ion:	82	Resp:	997872
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.2	9.2
138	19.5	15.9	23.9

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#26

2-Nitrophenol

Concen: 50.398 ng

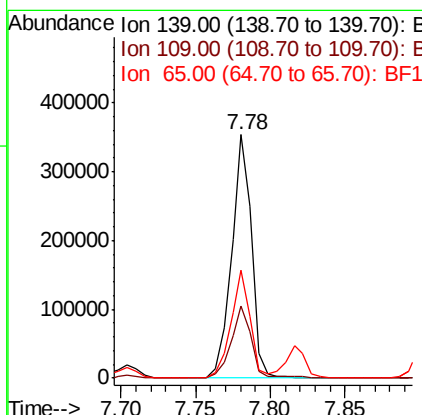
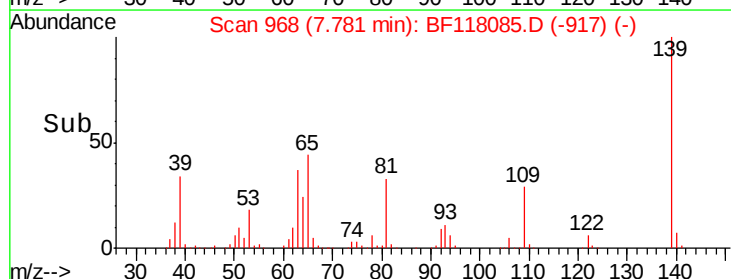
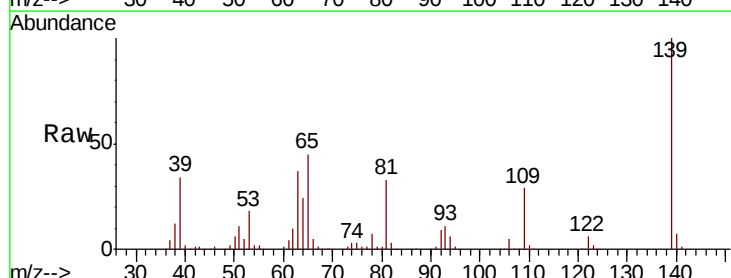
RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	139	Resp:	333585
Ion Ratio	Lower	Upper	
139	100		
109	29.5	23.8	35.6
65	44.5	36.2	54.4





#27

2,4-Dimethylphenol

Concen: 47.995 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

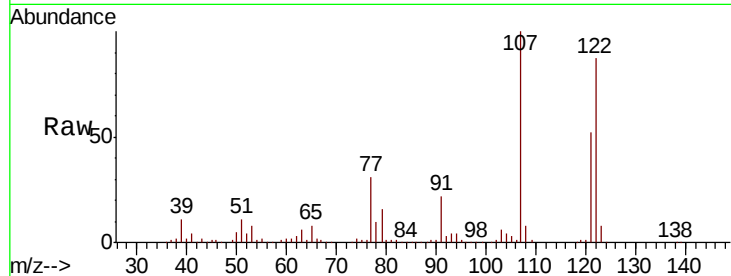
ClientSampleId :

PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	493643		
107	114.4	92.6	138.8	
121	59.1	46.9	70.3	

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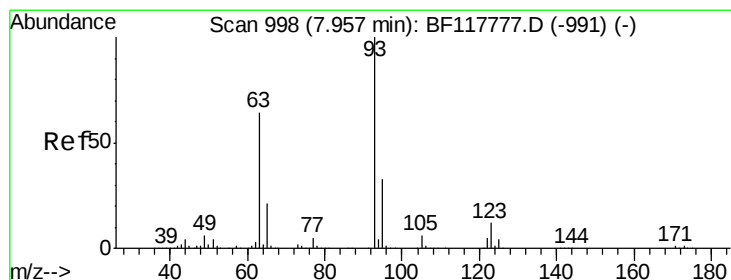
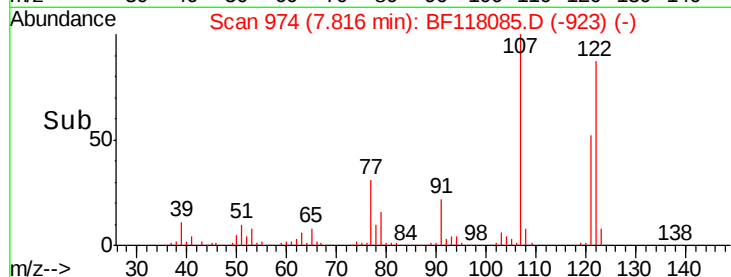
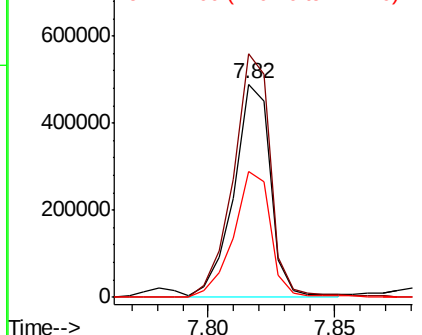


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.433 ng

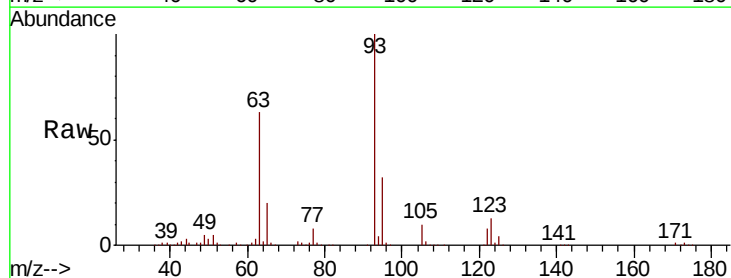
RT: 7.91 min Scan# 990

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	650573		
95	32.3	26.4	39.6	
123	12.5	10.2	15.4	

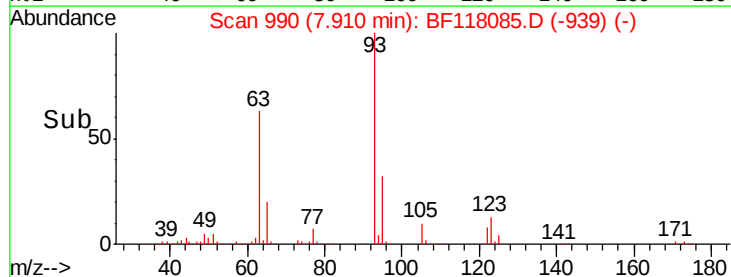
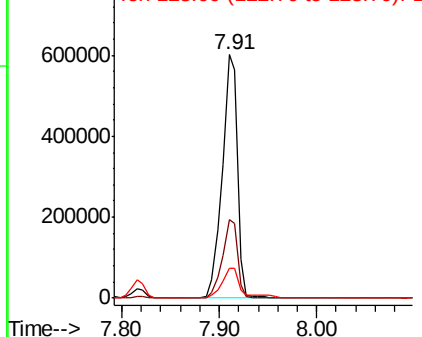


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





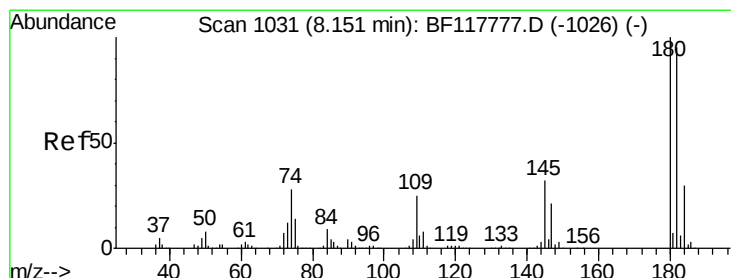
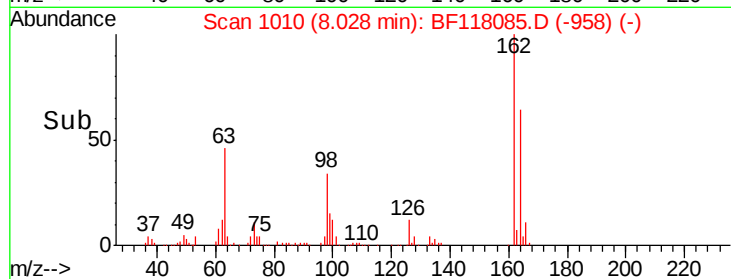
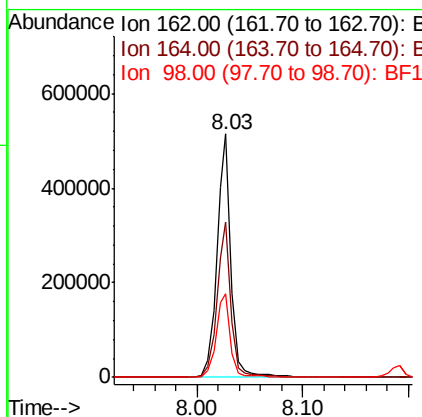
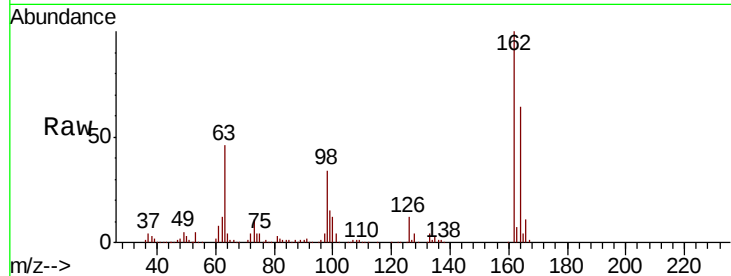
#29
2,4-Dichlorophenol
Concen: 43.205 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	482017		
164	63.7	42.9	82.9	
98	34.2	16.7	56.7	

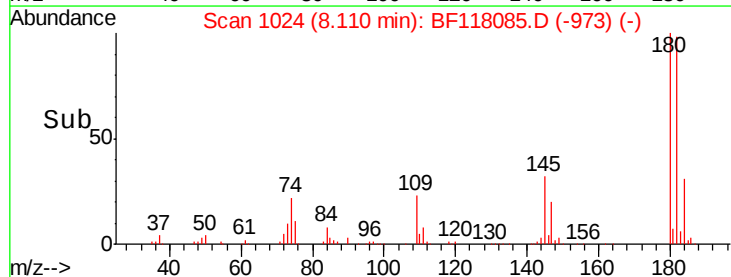
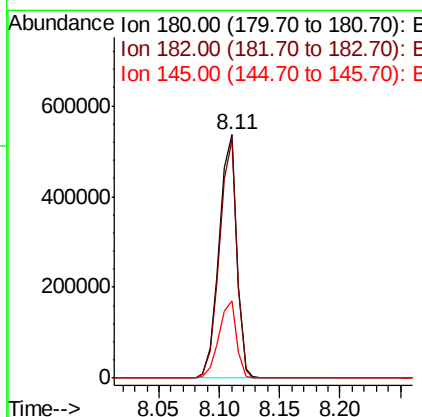
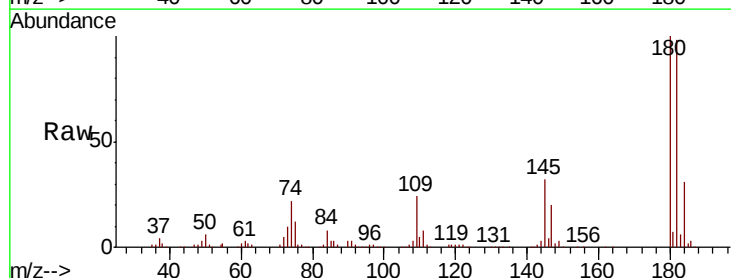
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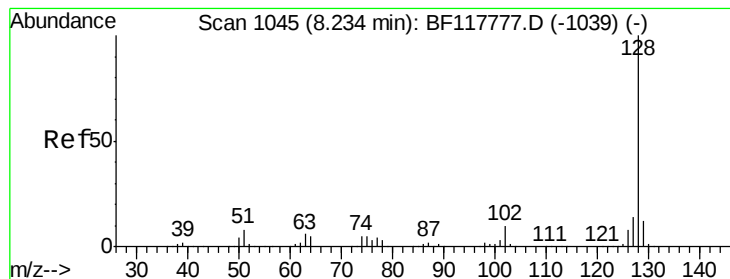
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 41.493 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	536950		
182	97.7	76.6	114.8	
145	31.6	25.1	37.7	





#31

Naphthalene

Concen: 44.208 ng

RT: 8.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB125225BSD

Tot Ion:128 Resp: 1614994

Ion Ratio Lower Upper

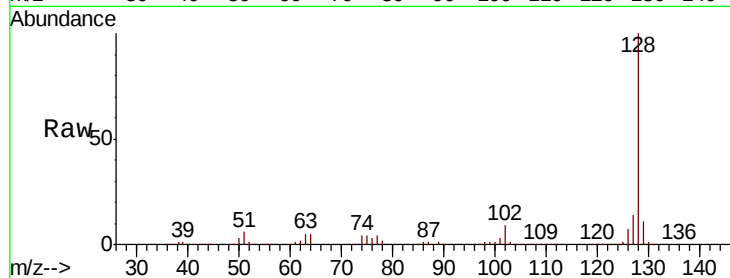
128 100

129 11.1 8.8 13.2

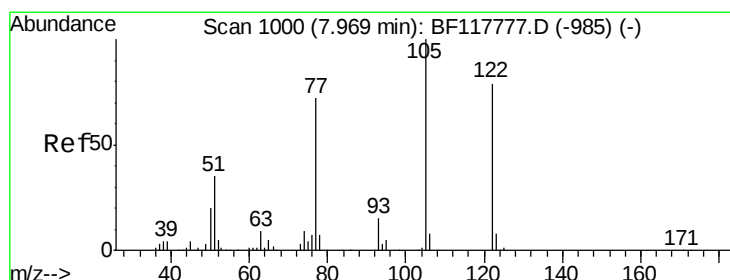
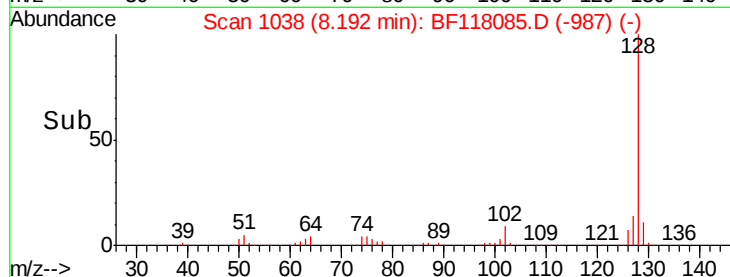
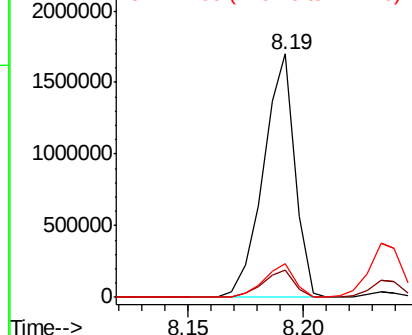
127 13.6 10.6 16.0

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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: 39.432 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

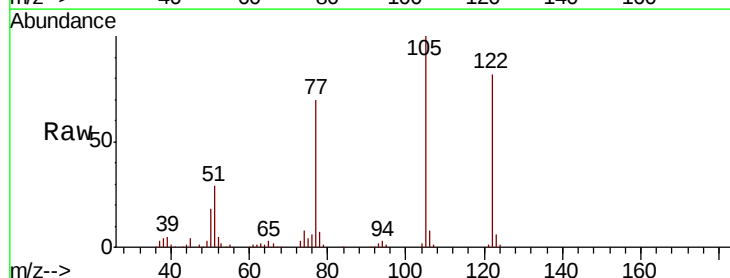
Tgt Ion:122 Resp: 339587

Ion Ratio Lower Upper

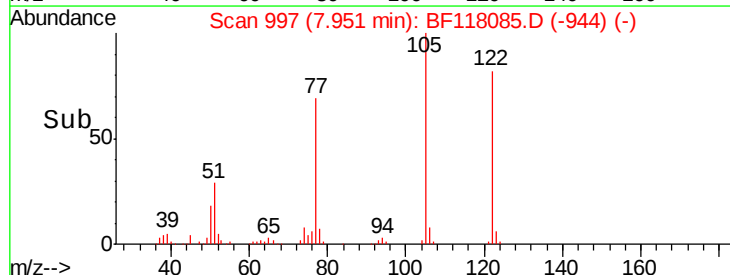
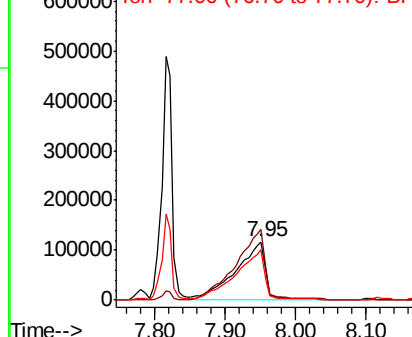
122 100

105 122.0 101.4 141.4

77 85.2 66.4 106.4



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





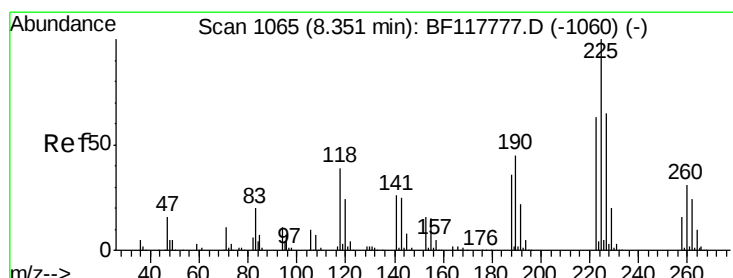
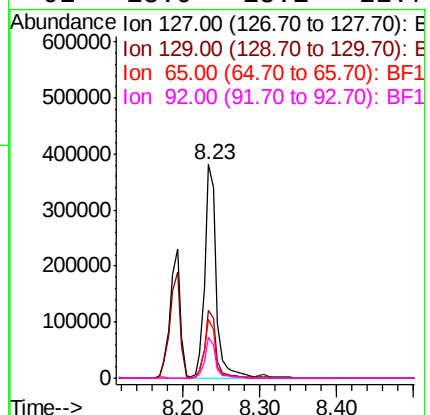
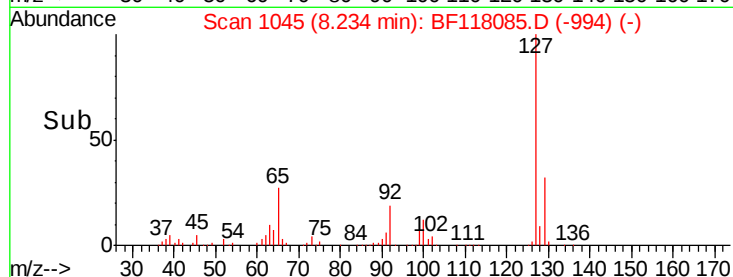
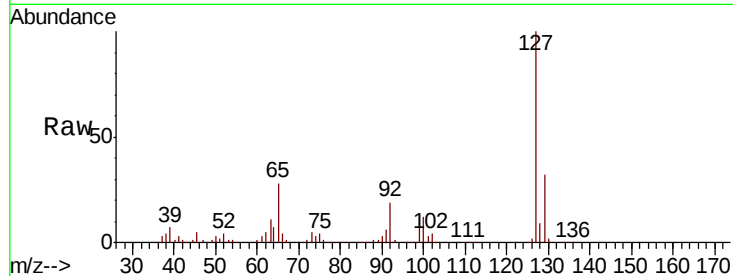
#33
4-Chloroaniline
Concen: 24.982 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.5	25.4	38.0	
65	27.6	23.4	35.0	
92	18.9	15.1	22.7	

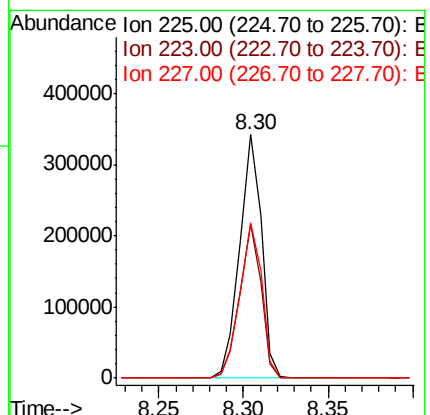
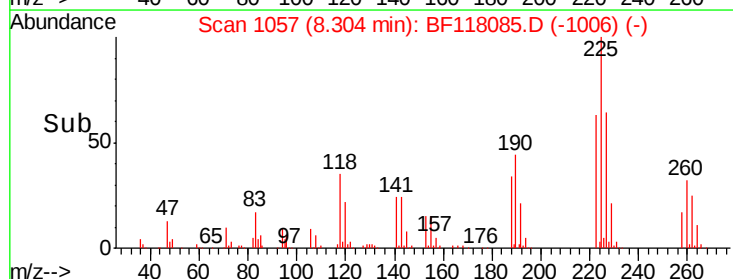
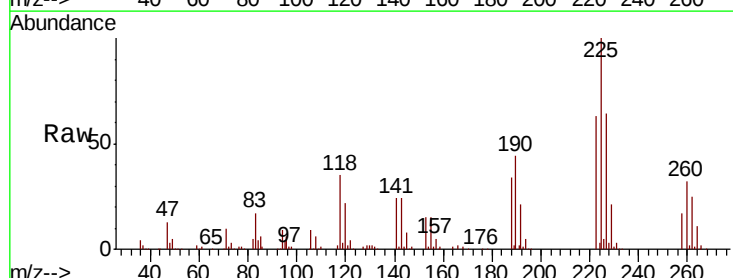
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#34
Hexachlorobutadiene
Concen: 40.745 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	51.4	77.2	
227	63.7	52.6	78.8	





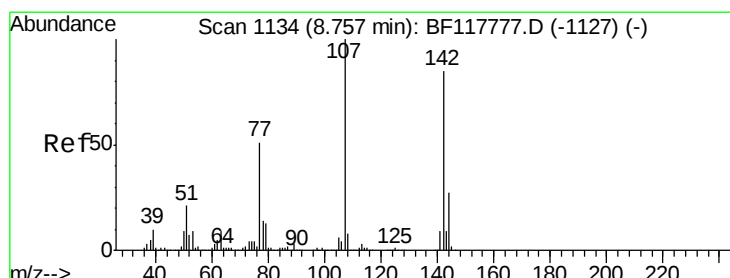
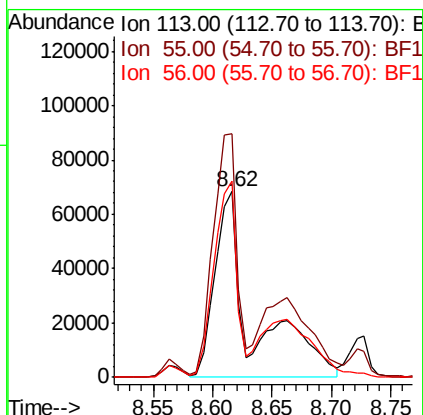
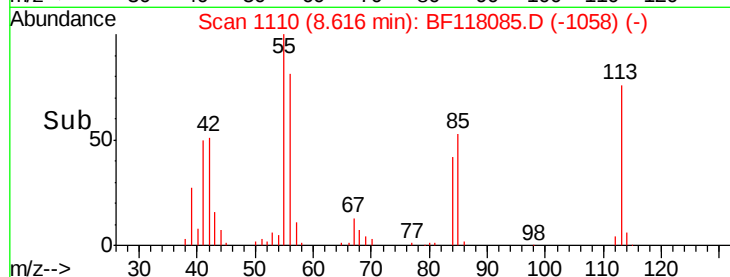
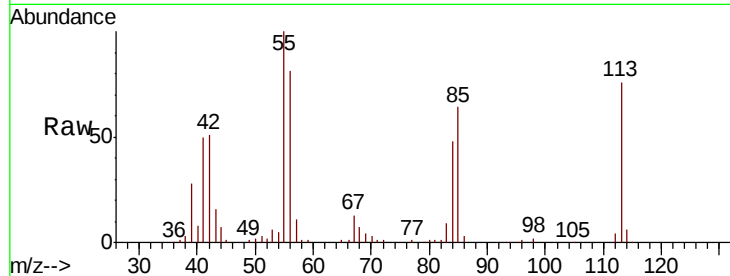
#35
Caprolactam
Concen: 41.818 ng/ml
RT: 8.62 min Scan# 1110
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.3	125.5	165.5
56	105.9	88.0	128.0

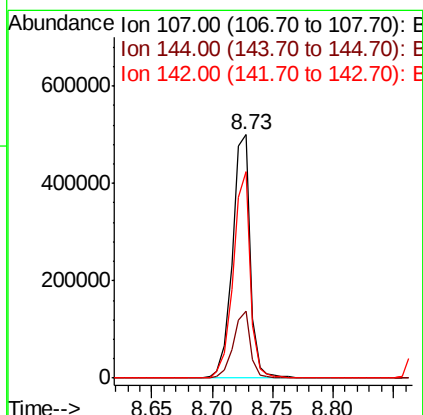
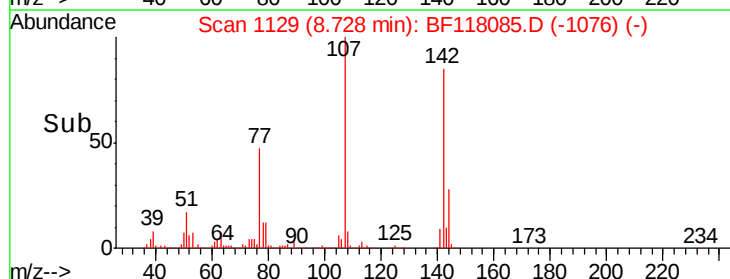
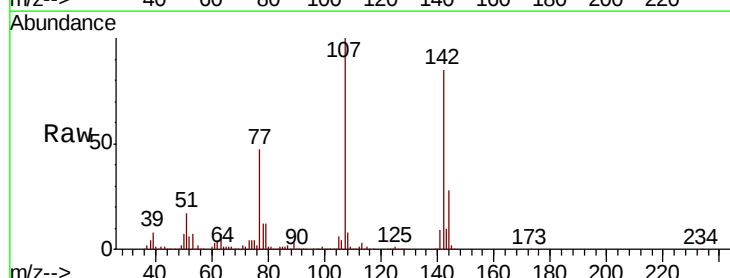
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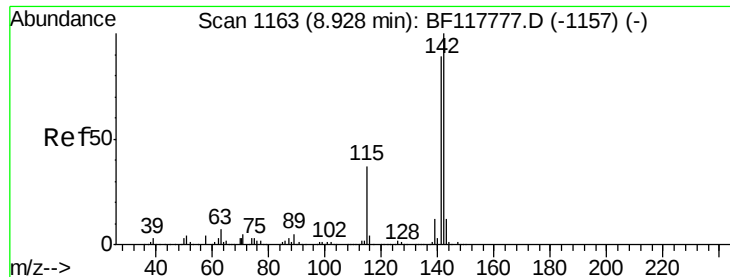
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 45.779 ng/ml
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.6	30.8
142	85.0	62.5	93.7





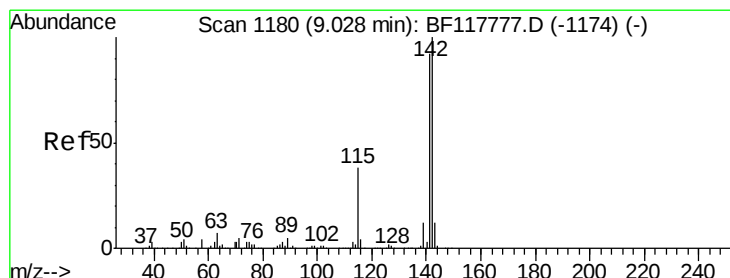
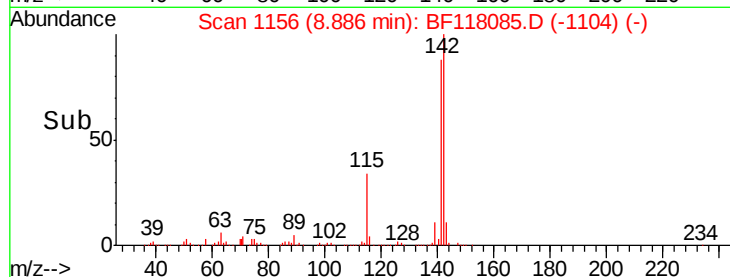
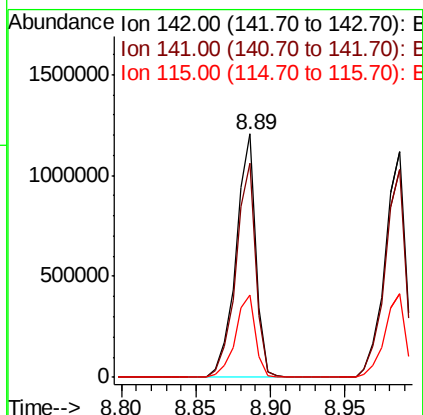
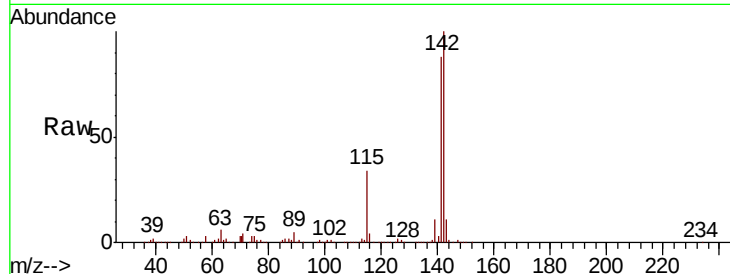
#37
2-Methylnaphthalene
Concen: 45.516 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4
115	33.9	29.2	43.8

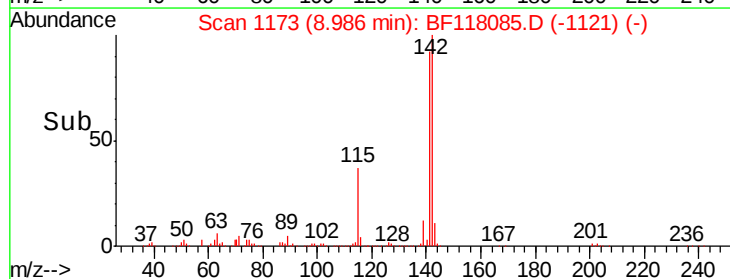
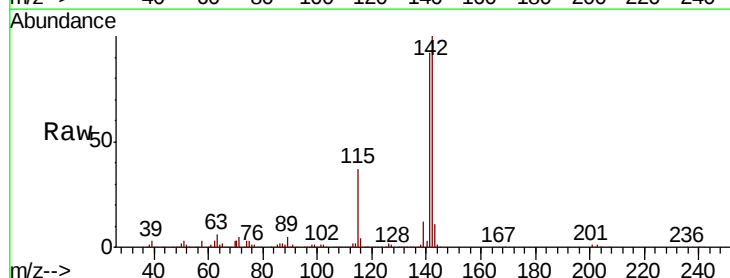
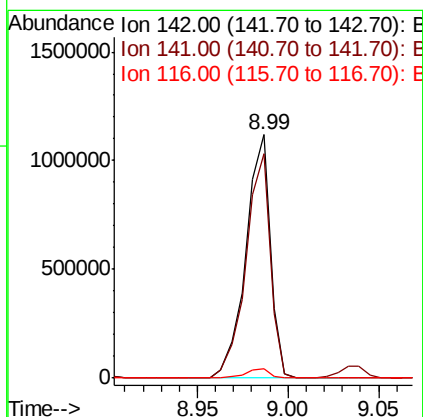
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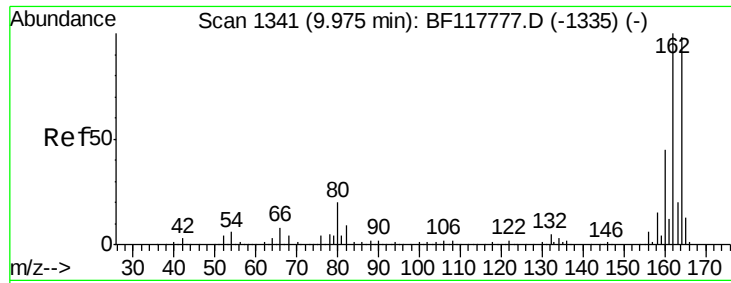
mohammad
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#38
1-Methylnaphthalene
Concen: 45.044 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.6	110.4
116	3.6	3.1	4.7





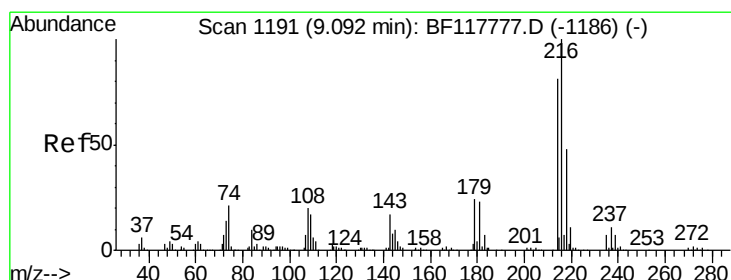
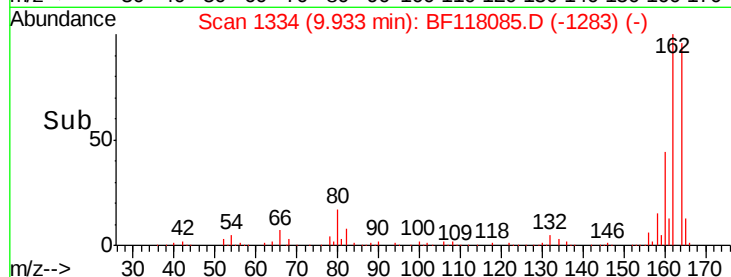
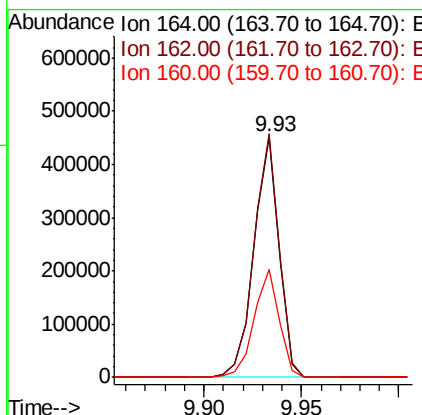
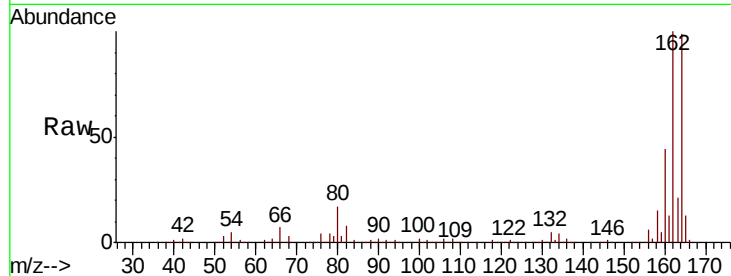
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.8	122.8
160	45.0	35.9	53.9

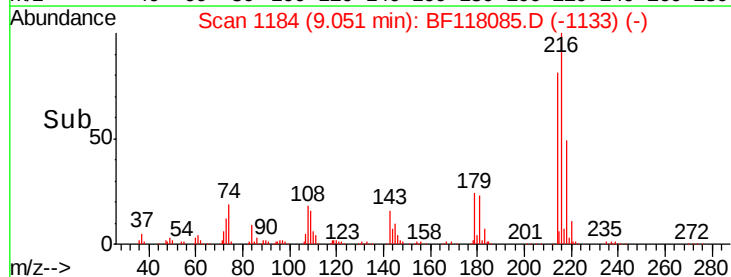
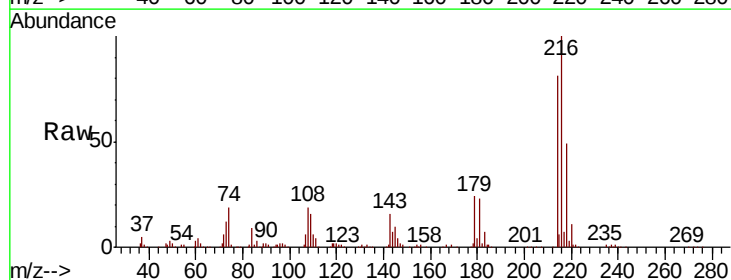
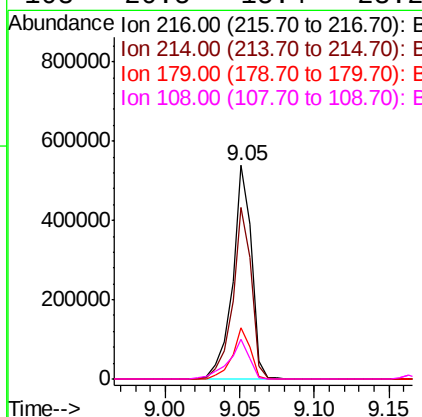
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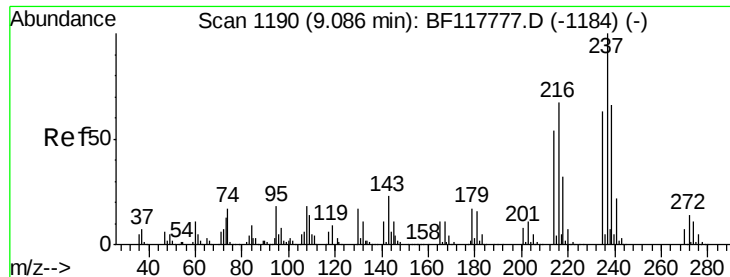
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.372 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.0	94.4
179	23.1	18.5	27.7
108	20.5	15.4	23.2





#41

Hexachlorocyclopentadiene

Concen: 66.123 ng

RT: 9.04 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

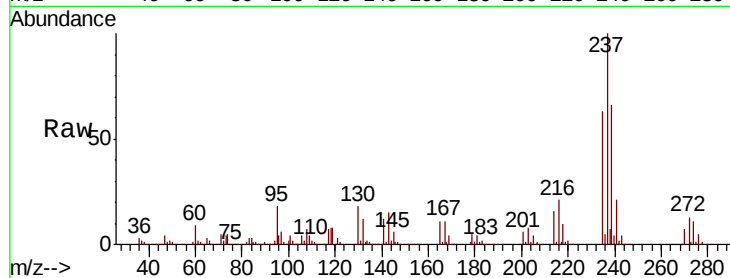
ClientSampleId :

PB125225BSD

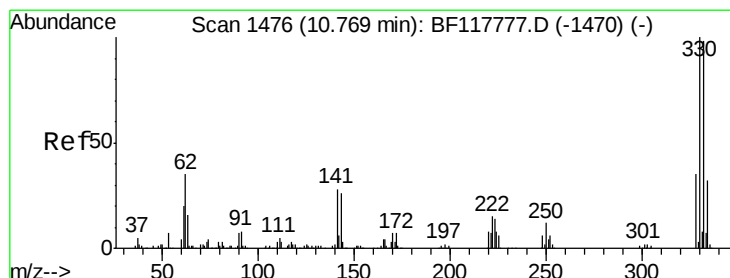
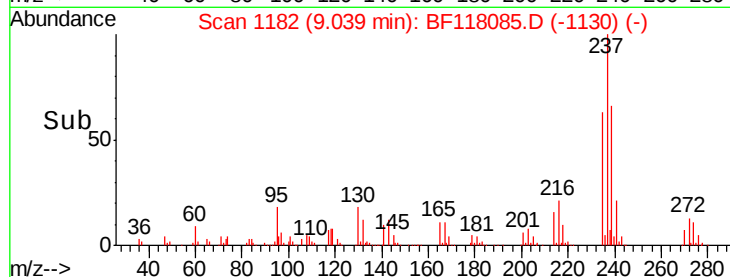
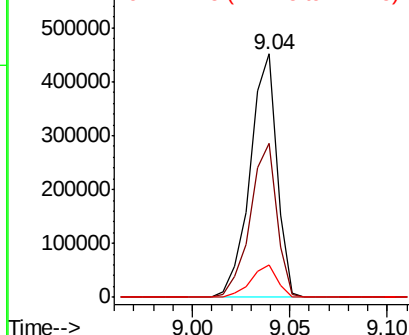
Tot Ion:	237	Resp:	431021
Ion Ratio		Lower	Upper
237	100		
235	63.5	43.7	83.7
272	13.4	0.0	32.7

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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: 148.266 ng

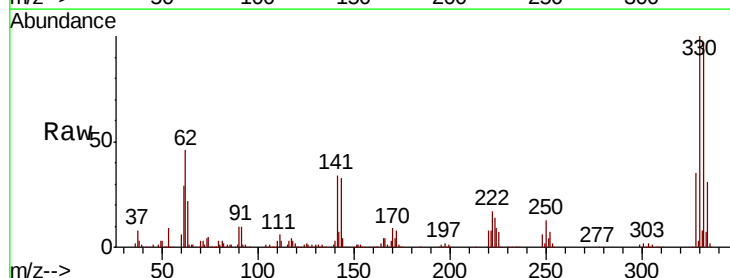
RT: 10.73 min Scan# 1469

Delta R.T. 0.01 min

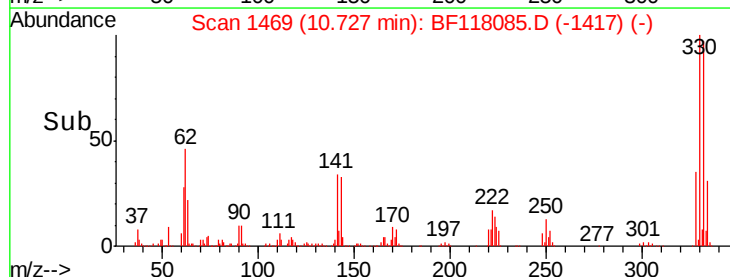
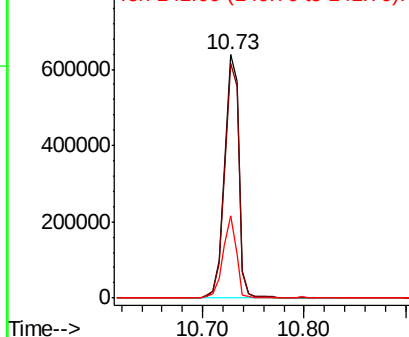
Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	330	Resp:	628706
Ion Ratio		Lower	Upper
330	100		
332	96.4	78.3	117.5
141	31.2	26.4	39.6



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





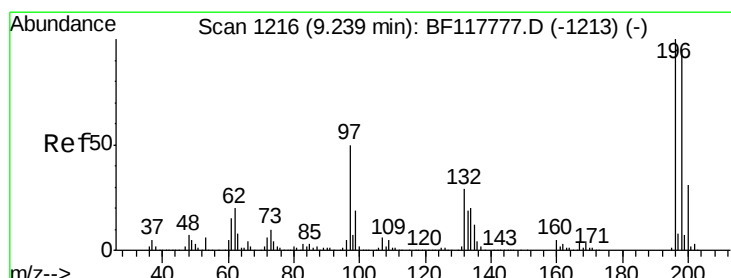
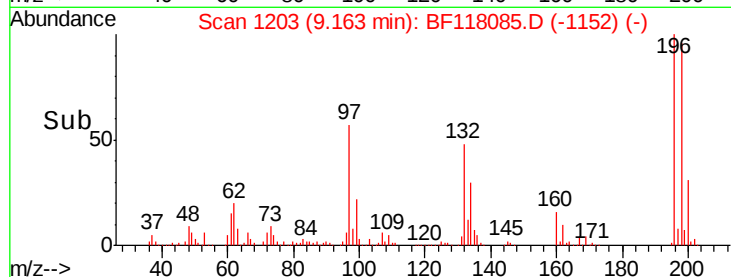
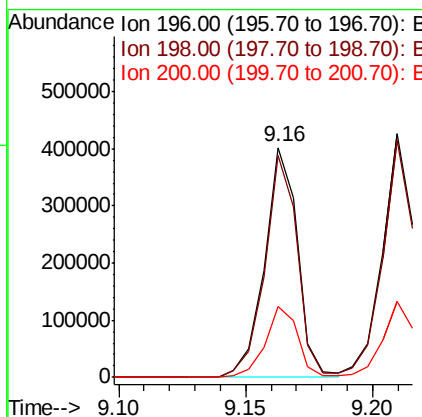
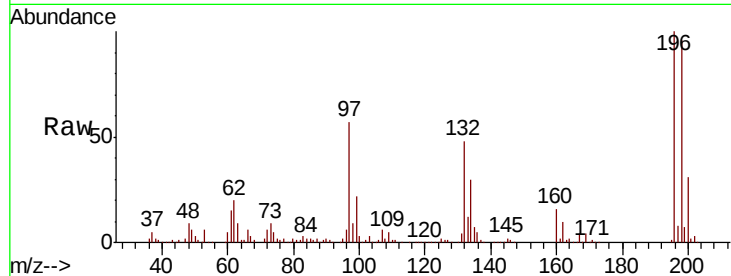
#43
2,4,6-Trichlorophenol
Concen: 44.235 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleID :
PB125225BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	368538		
198	96.2	76.9	115.3	
200	30.7	24.2	36.4	

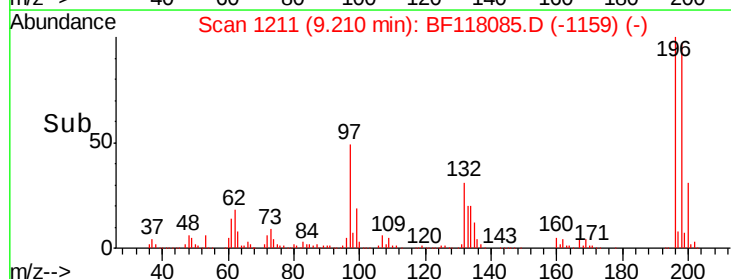
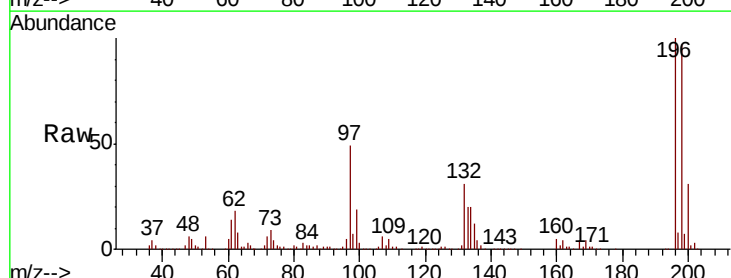
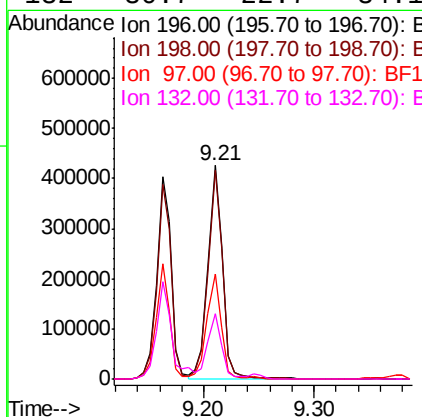
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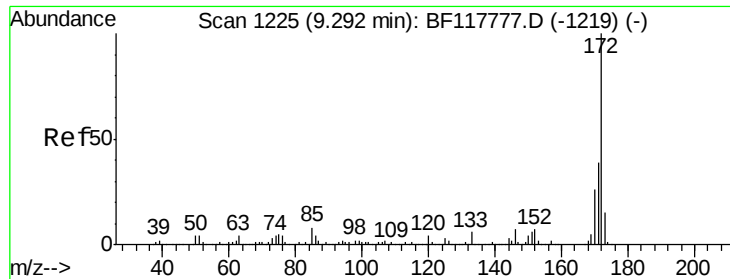
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 43.816 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	379026		
198	97.4	78.1	117.1	
97	49.2	37.4	56.2	
132	30.7	22.7	34.1	





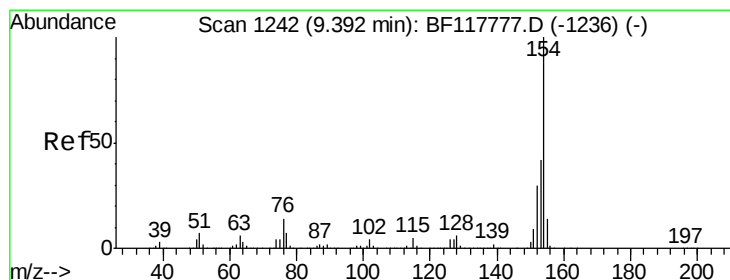
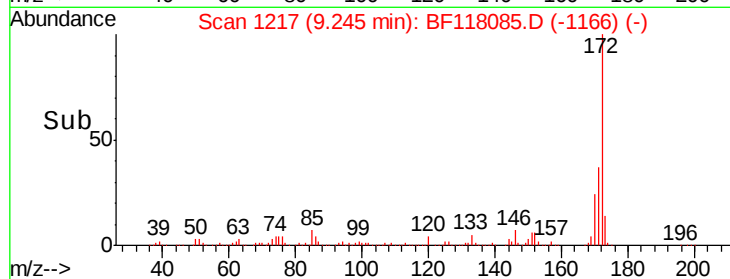
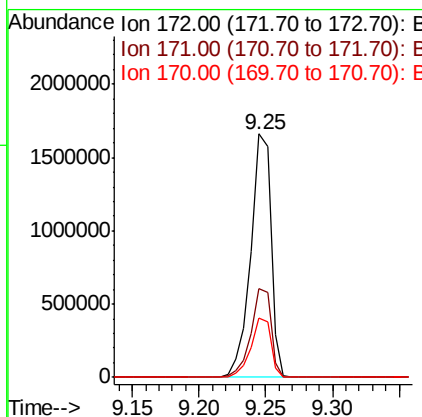
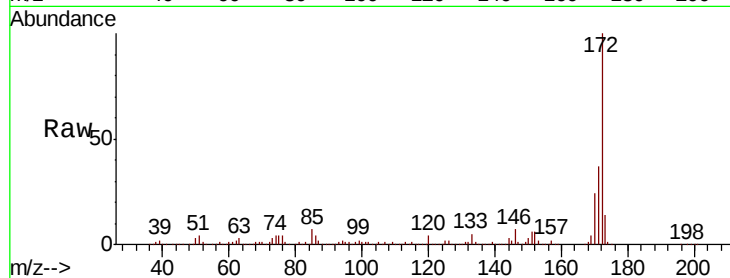
#45
2-Fluorobiphenyl
Concen: 77.321 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.2	43.8
170	24.3	19.3	28.9

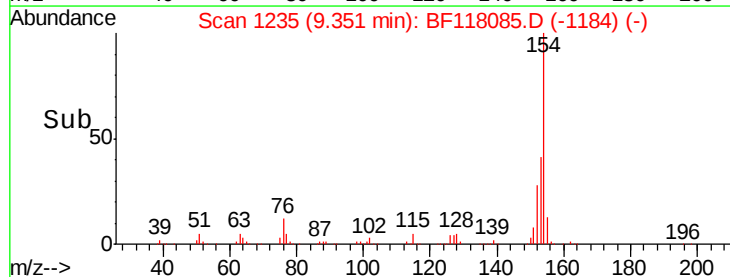
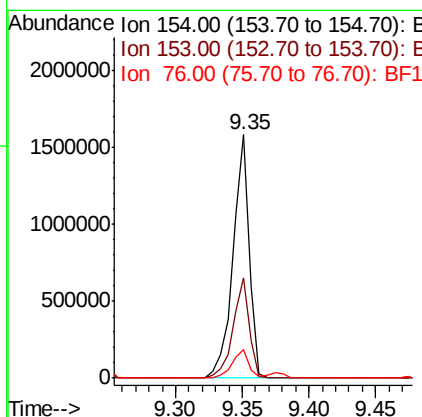
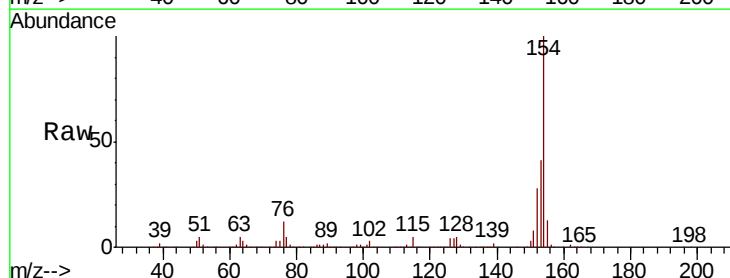
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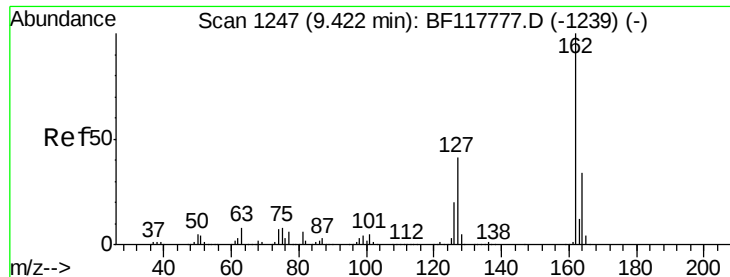
mohammad
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#46
1,1'-Biphenyl
Concen: 45.702 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.1	61.1
76	11.7	0.0	30.8





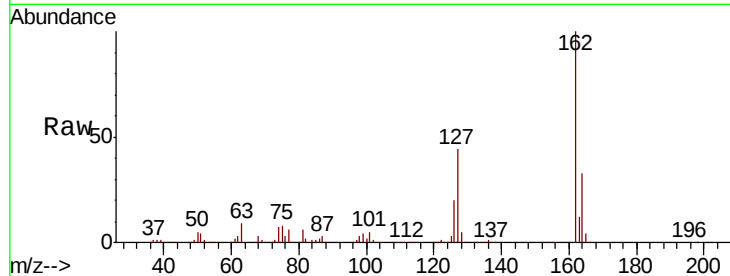
#47
 2-Chloronaphthalene
 Concen: 42.482 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

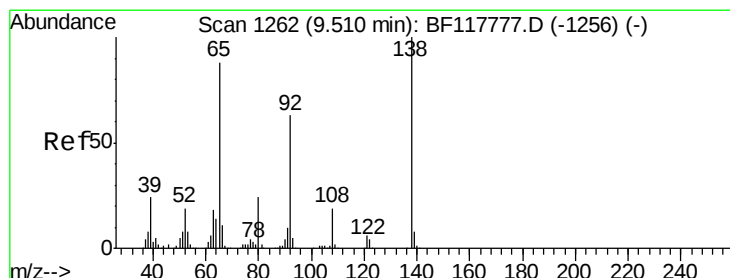
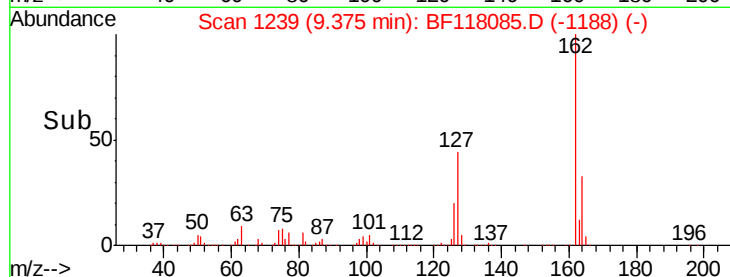
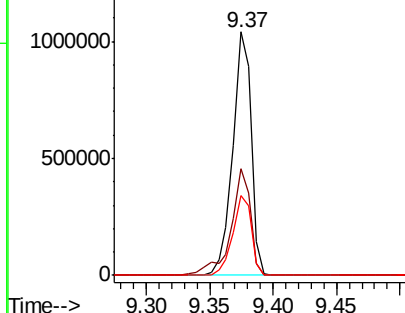
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.6	34.6	52.0
164	32.9	26.0	39.0

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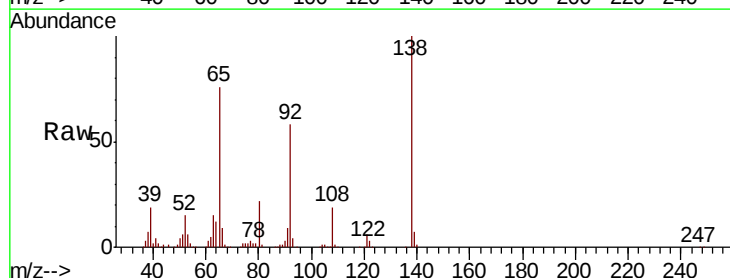


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

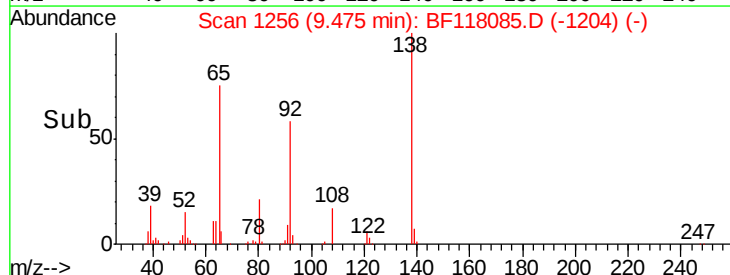
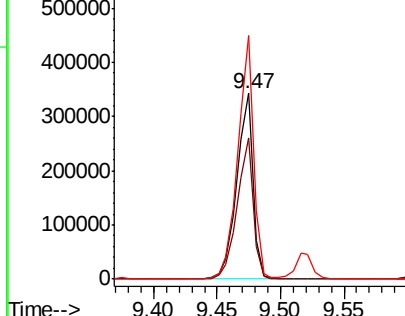


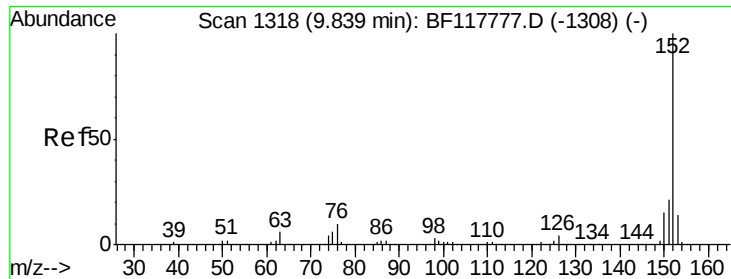
#48
 2-Nitroaniline
 Concen: 40.839 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.1	57.9	86.9
138	131.3	96.2	144.2



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





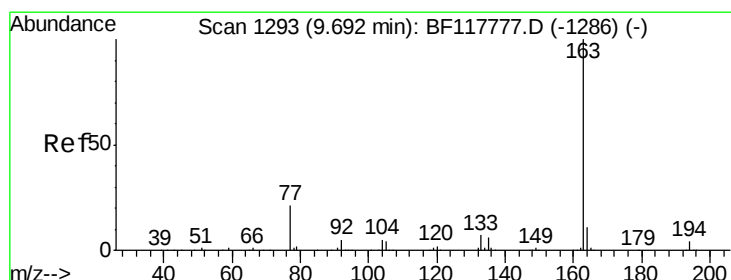
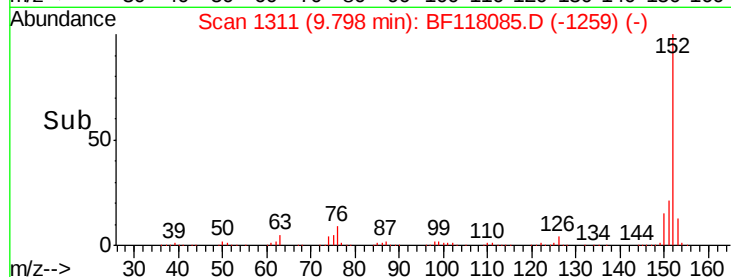
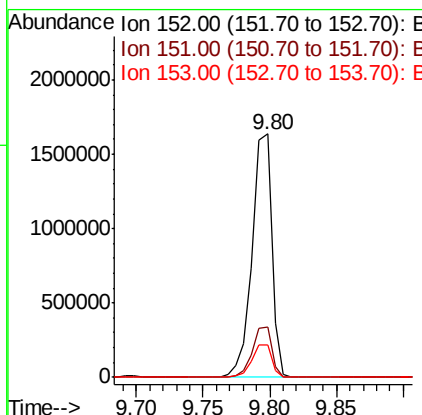
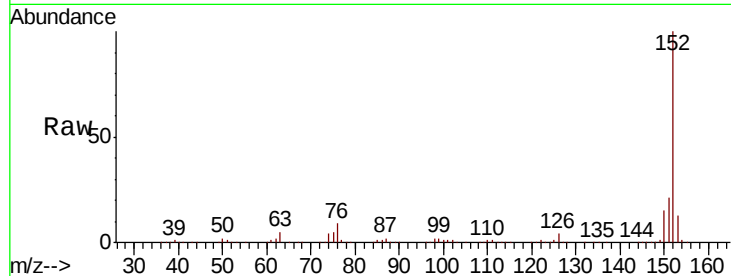
#49
Acenaphthylene
Concen: 46.319 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion:152 Resp: 1650836
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1
153 13.2 11.1 16.7

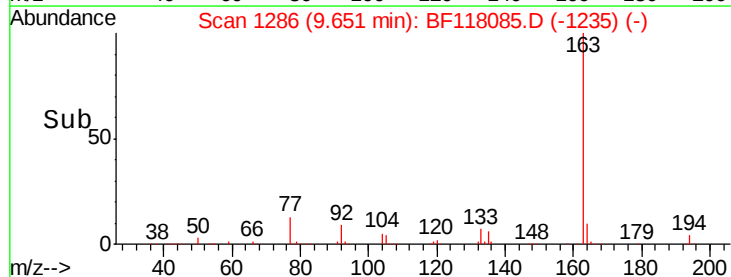
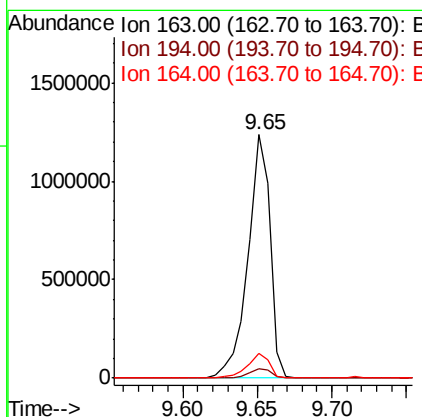
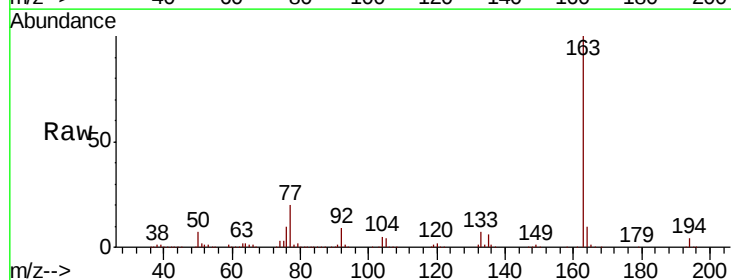
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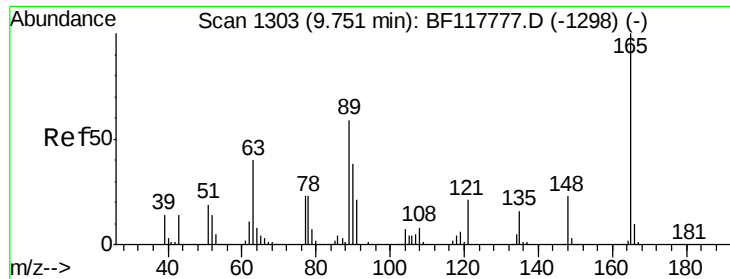
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#50
Dimethylphthalate
Concen: 44.874 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:163 Resp: 1260384
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 7.9 11.9





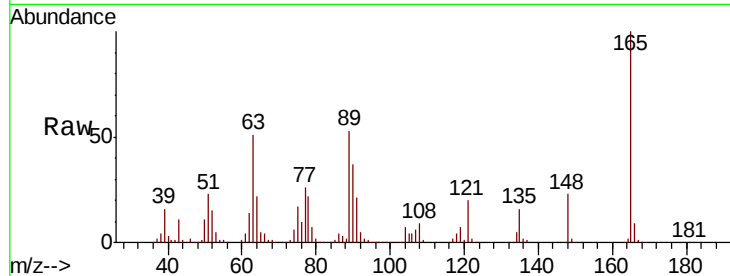
#51
2,6-Dinitrotoluene
Concen: 46.421 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

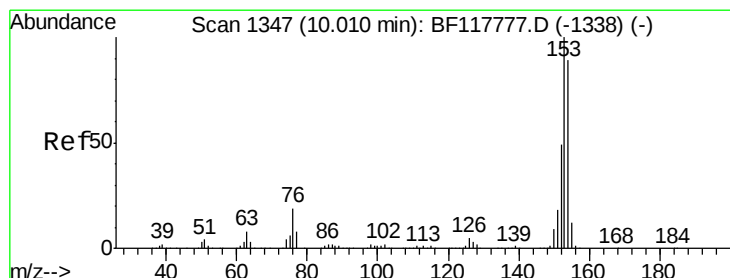
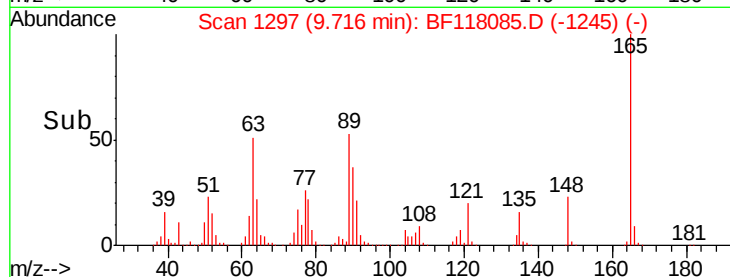
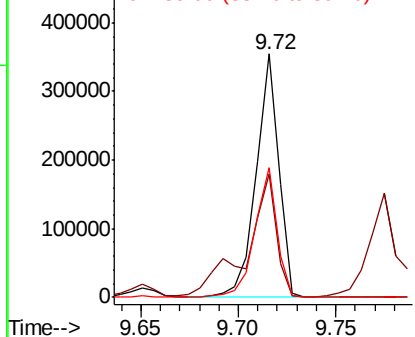
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	50.6	43.9	65.9	
89	53.2	45.5	68.3	

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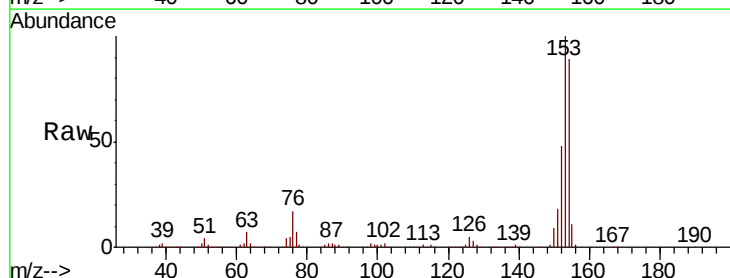


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

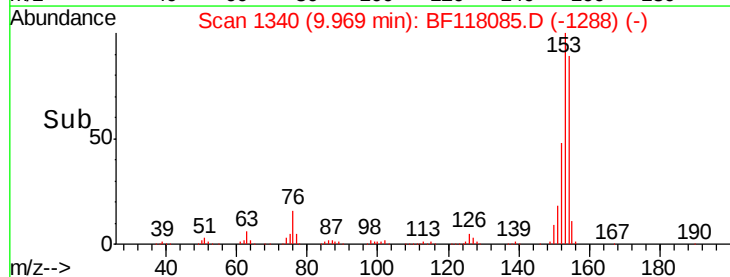
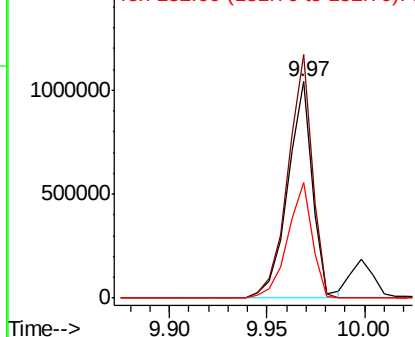


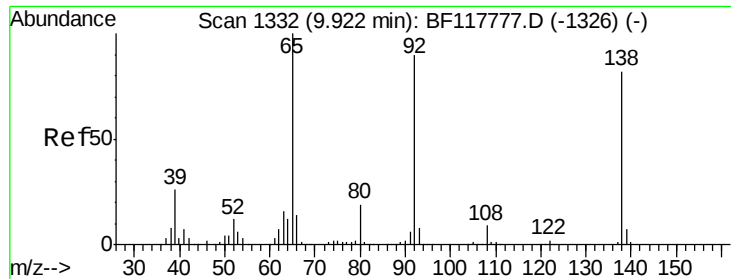
#52
Acenaphthene
Concen: 40.115 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.6	91.2	136.8	
152	53.6	43.6	65.4	



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





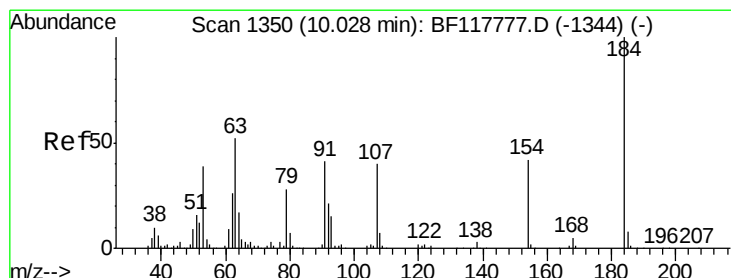
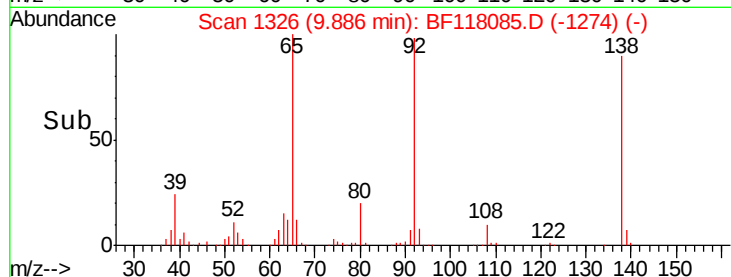
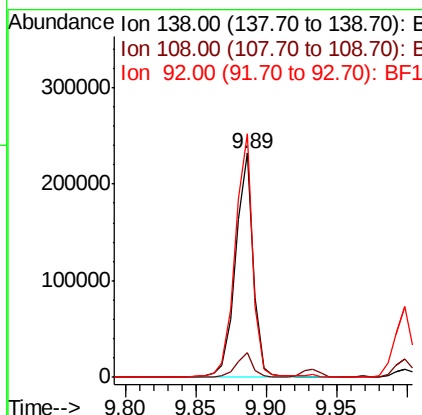
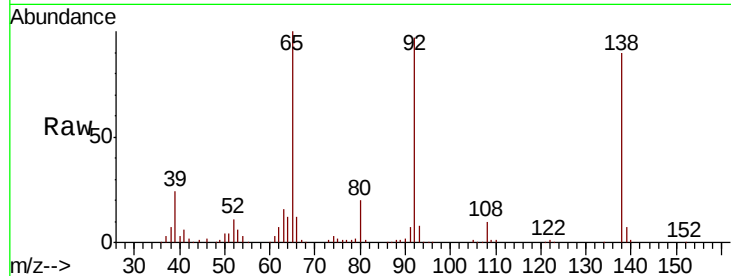
#53
3-Nitroaniline
Concen: 27.599 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.7	13.1
92	108.6	87.4	131.0

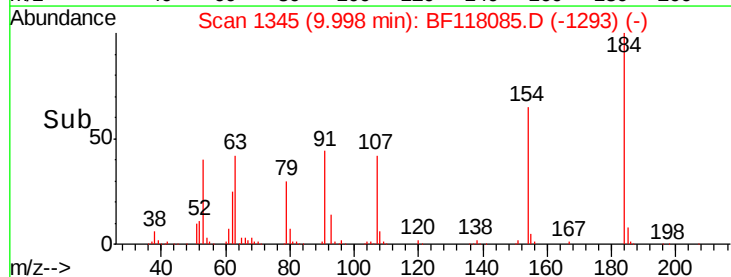
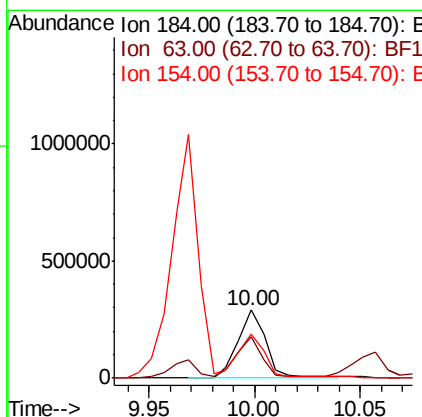
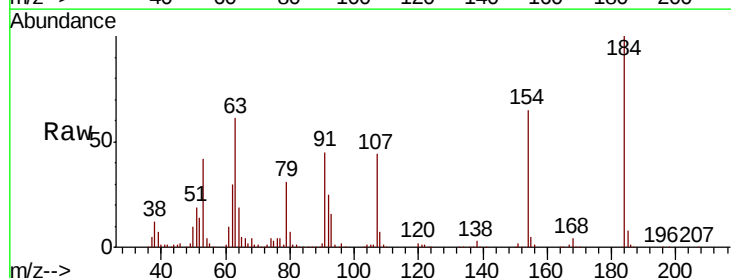
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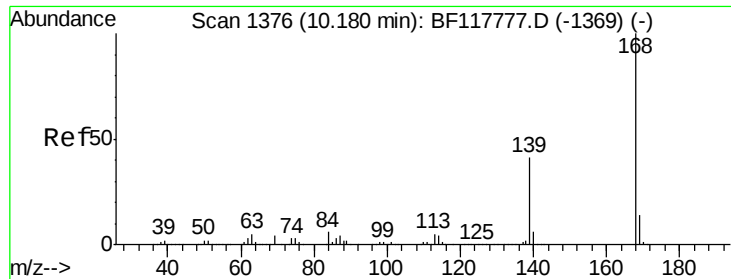
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#54
2,4-Dinitrophenol
Concen: 84.573 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.7	45.3	67.9
154	65.0	51.6	77.4





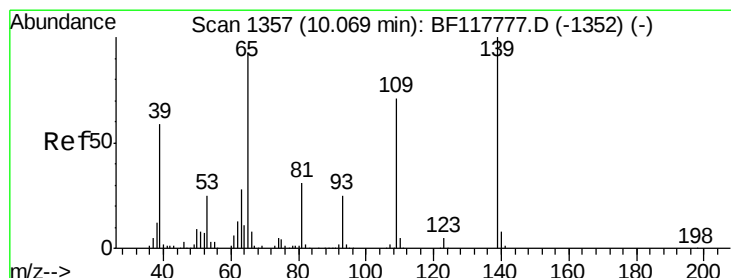
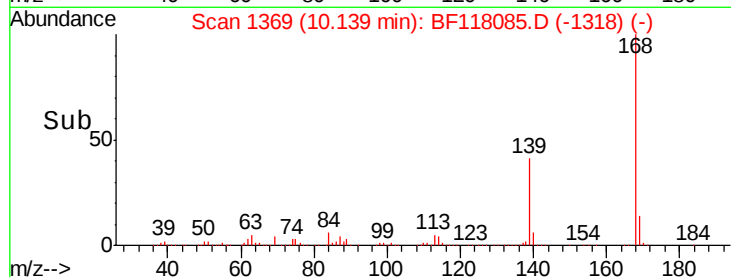
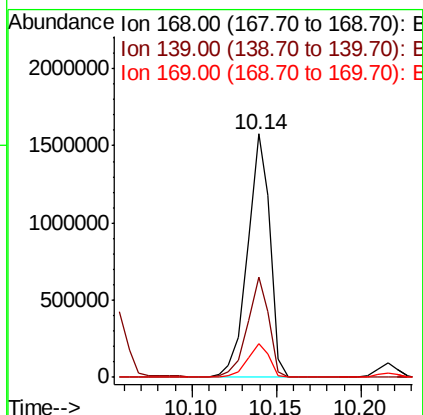
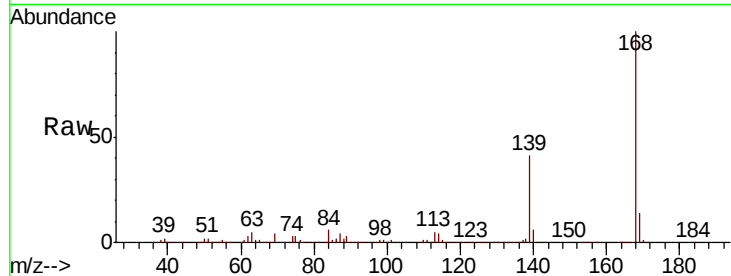
#55
Dibenzofuran
Concen: 46.138 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	32.5	48.7
169	14.0	10.8	16.2

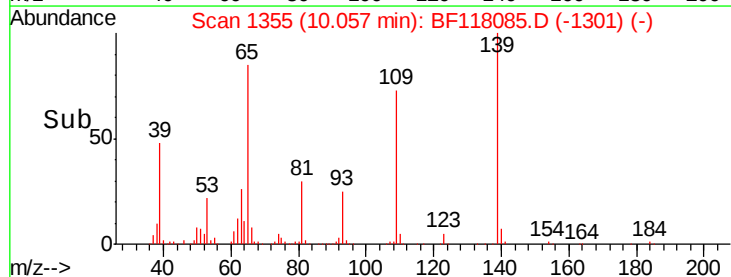
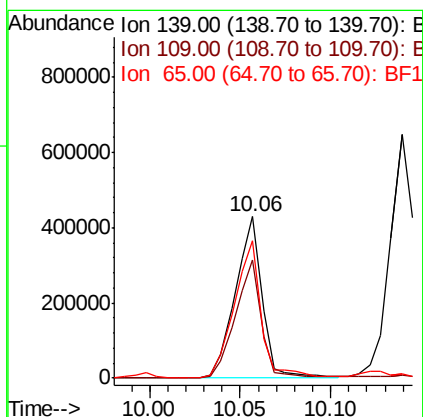
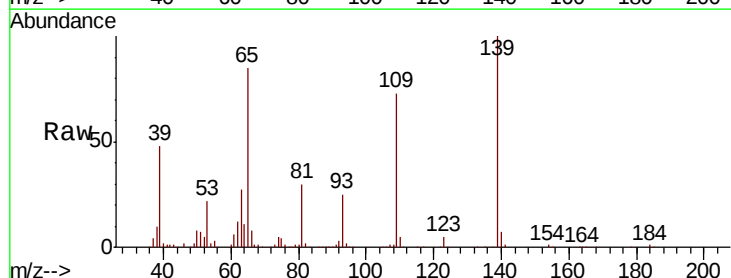
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#56
4-Nitrophenol
Concen: 80.401 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.1	55.2	95.2
65	85.2	68.7	108.7





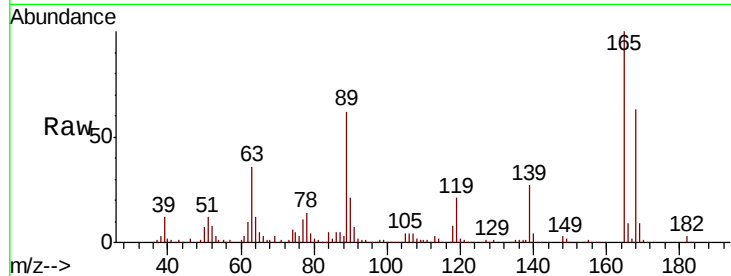
#57
2,4-Dinitrotoluene
Concen: 49.183 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.2	26.5	39.7
89	61.8	47.2	70.8
182	2.9	2.3	3.5

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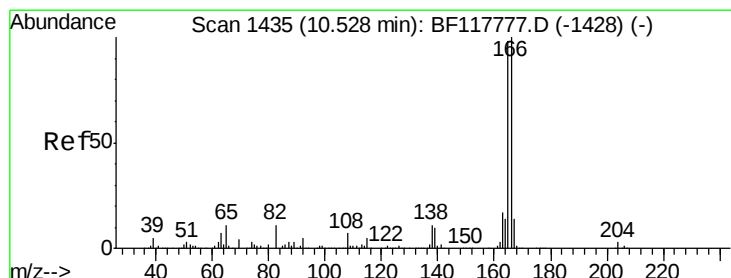
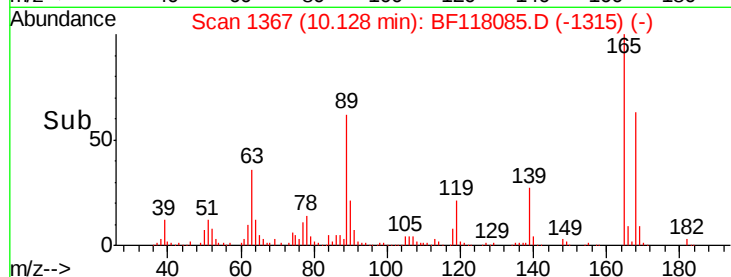
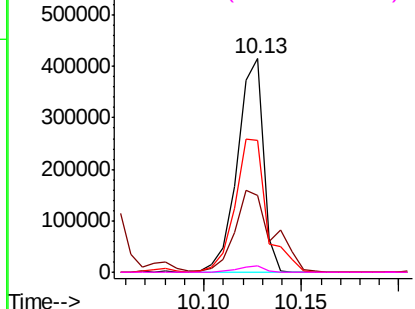
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.437 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

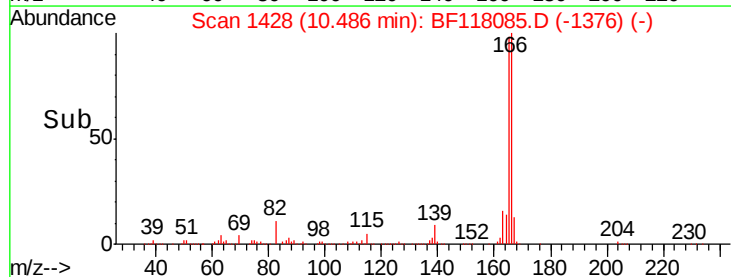
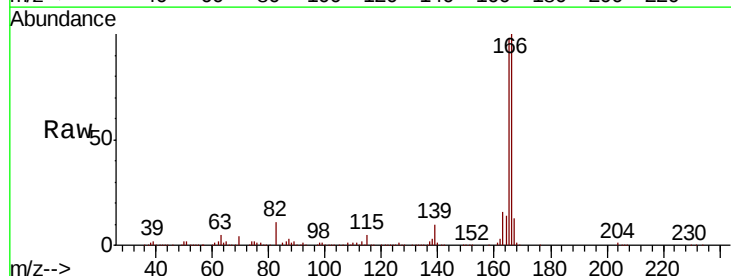
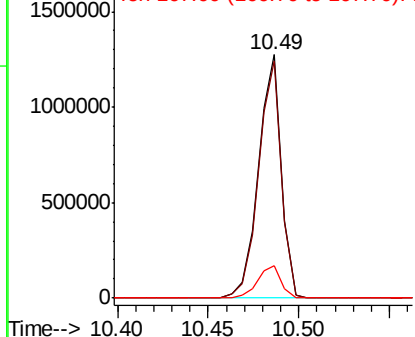
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.4	116.2
167	13.3	10.7	16.1

Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.801 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB125225BSD

Tot Ion:232 Resp: 304211

Ion Ratio Lower Upper

232 100

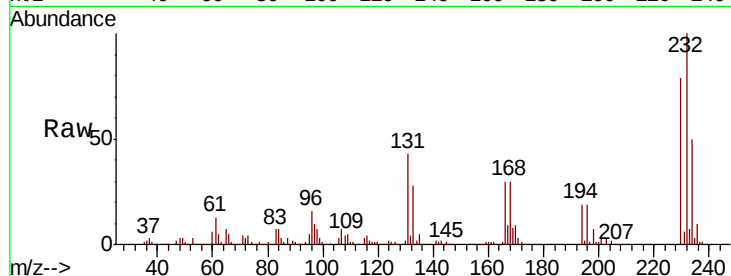
131 46.9 38.8 58.2

130 2.4 1.9 2.9

166 31.4 25.9 38.9

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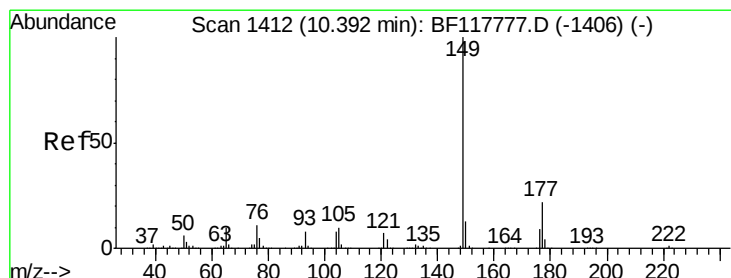
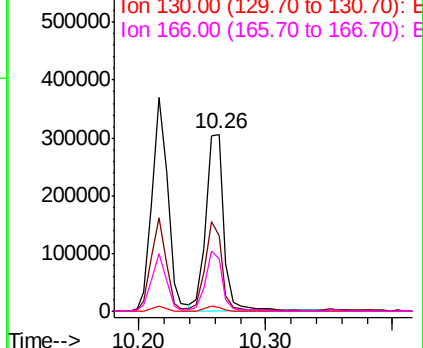
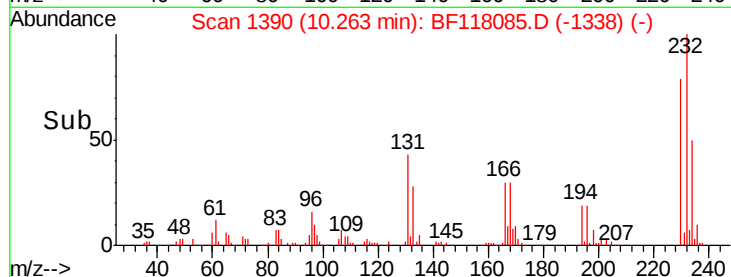
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 46.374 ng

RT: 10.36 min Scan# 1406

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

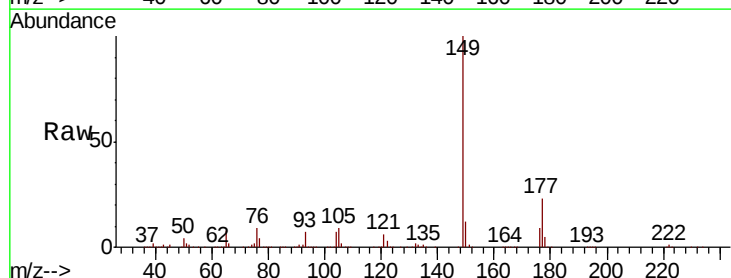
Tgt Ion:149 Resp: 1269868

Ion Ratio Lower Upper

149 100

177 23.0 17.6 26.4

150 12.3 9.8 14.8

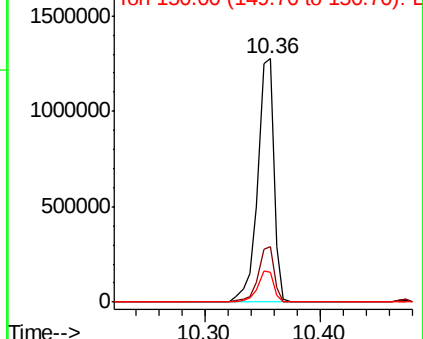
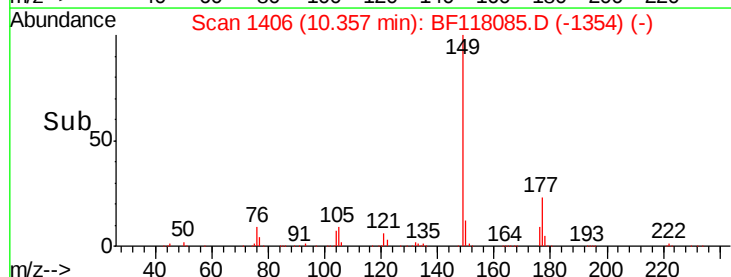


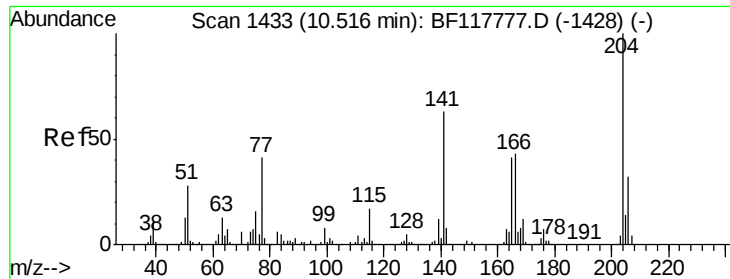
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





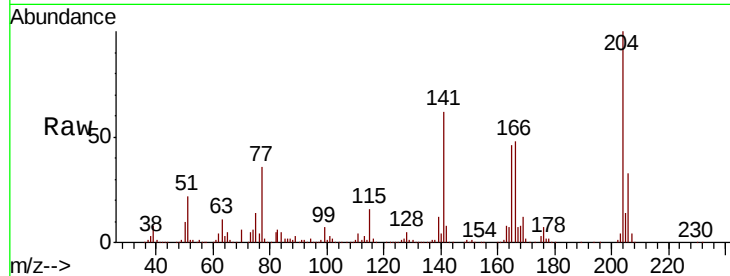
#61
4-Chlorophenyl-phenylether
Concen: 45.438 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleID :
PB125225BSD

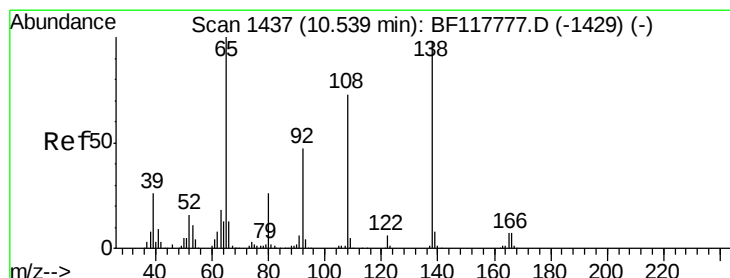
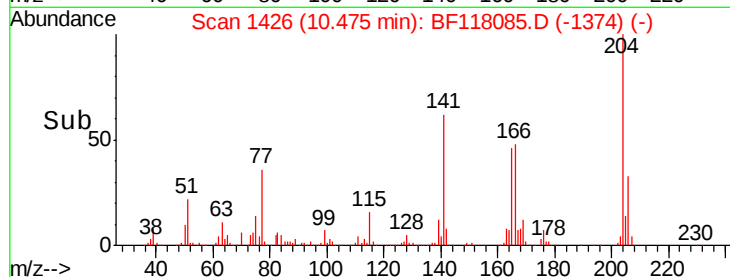
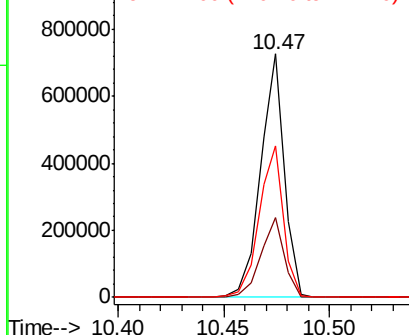
Tot Ion	Ratio	Resp	Lower	Upper
204	100	564950		
206	32.7	26.0	39.0	
141	62.4	55.1	82.7	

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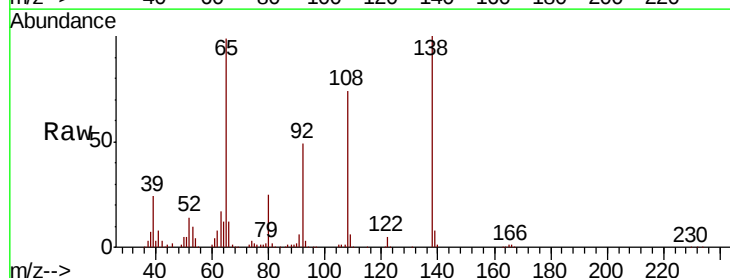


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

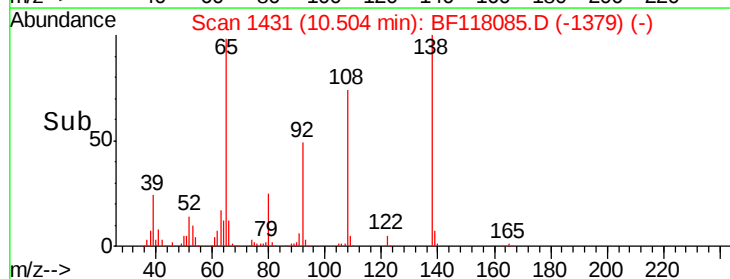
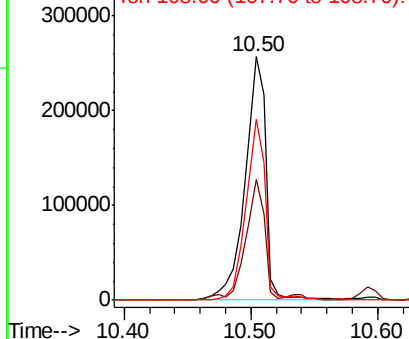


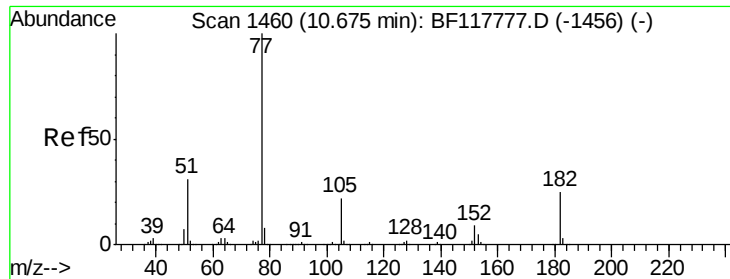
#62
4-Nitroaniline
Concen: 39.739 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	292261		
92	49.4	27.5	67.5	
108	74.1	57.9	97.9	



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





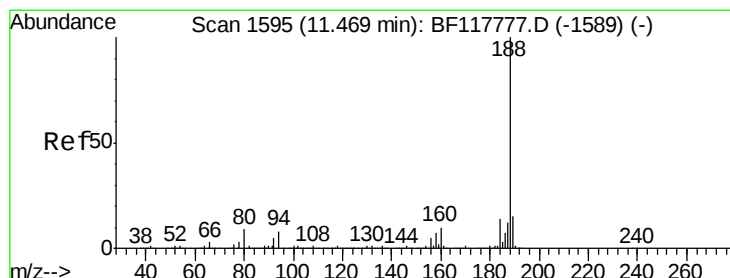
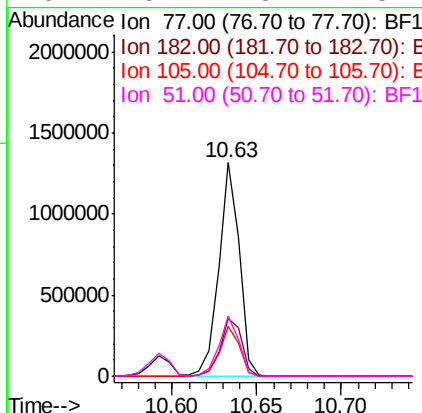
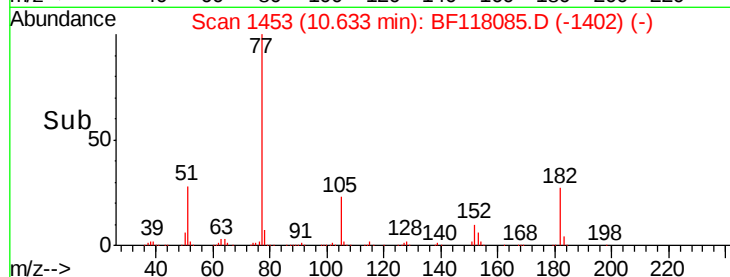
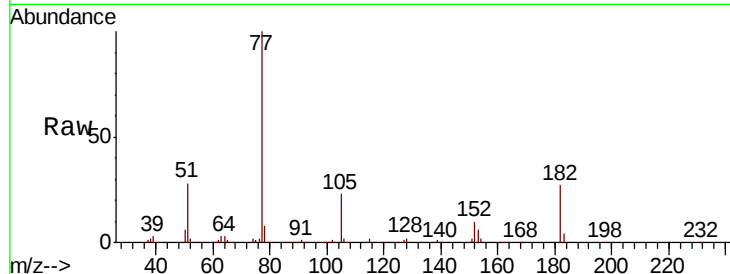
#63
Azobenzene
Concen: 44.755 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.3	8.2	48.2
105	23.1	2.1	42.1
51	28.1	8.7	48.7

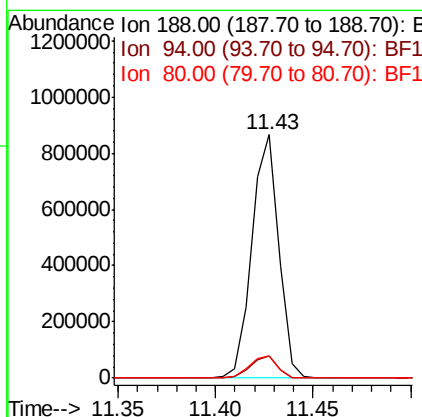
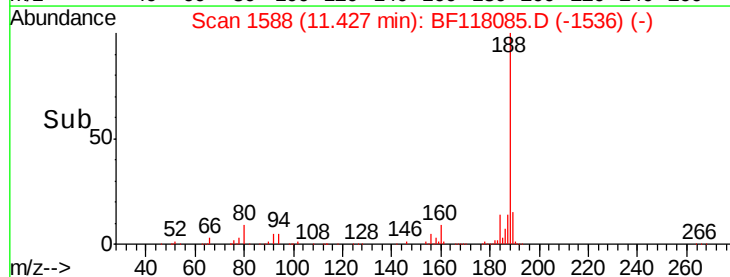
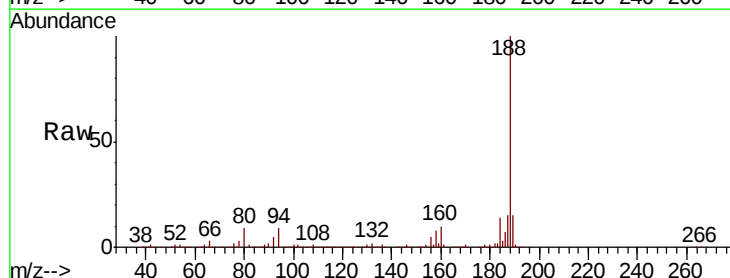
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.0	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 52.091 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

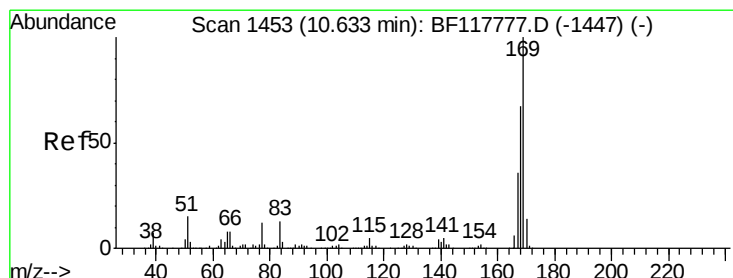
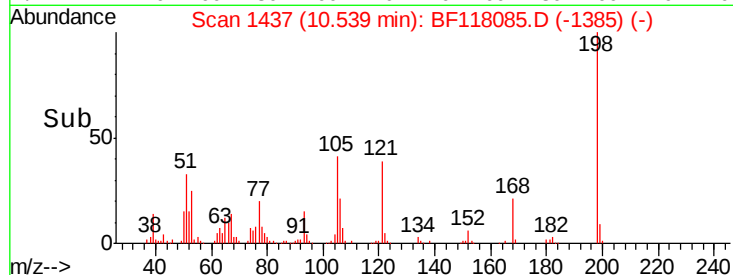
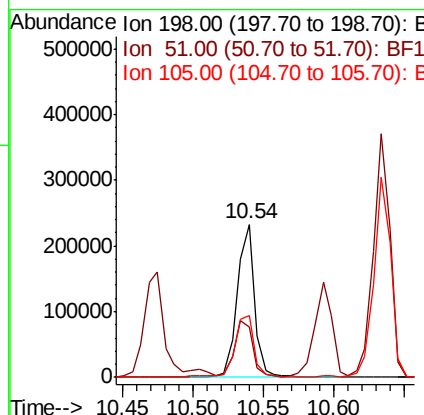
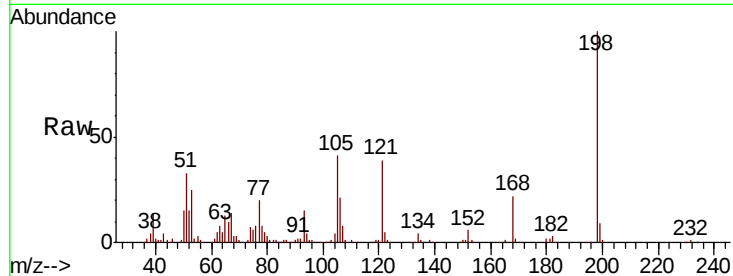
ClientSampleId :

PB125225BSD

Tot Ion:	198	Resp:	200435
Ion Ratio	Lower	Upper	
198	100		
51	33.1	12.6	52.6
105	40.7	17.0	57.0

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#66

n-Nitrosodiphenylamine

Concen: 43.170 ng

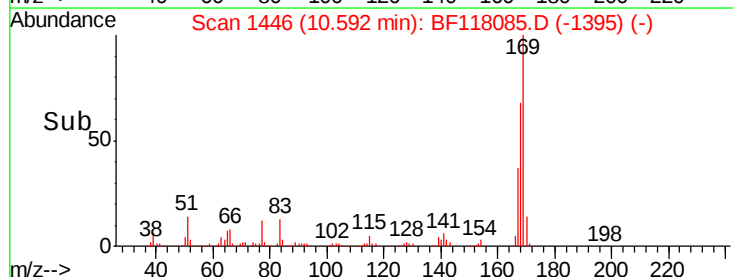
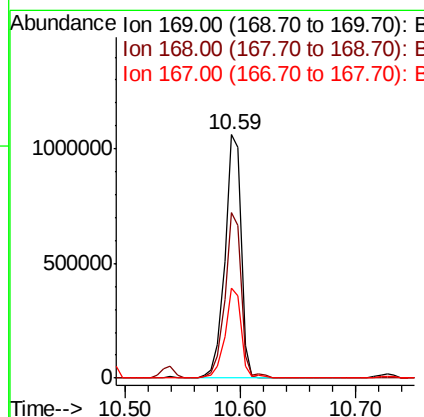
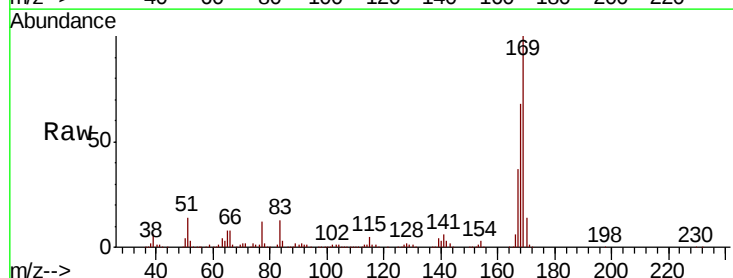
RT: 10.59 min Scan# 1446

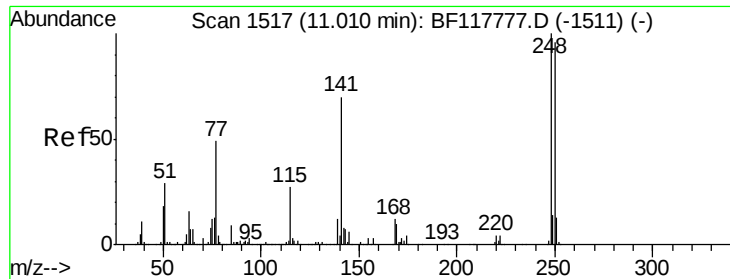
Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	169	Resp:	1035519
Ion Ratio	Lower	Upper	
169	100		
168	67.7	52.5	78.7
167	36.9	28.4	42.6





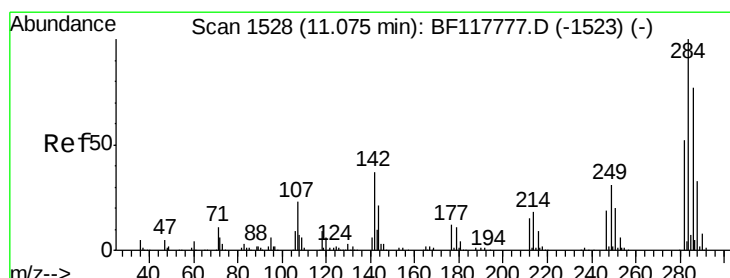
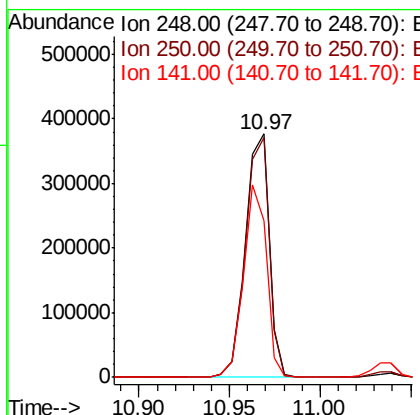
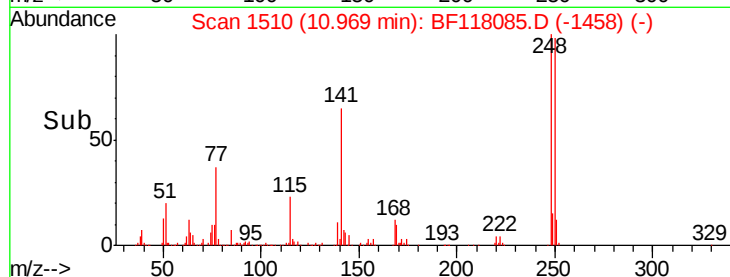
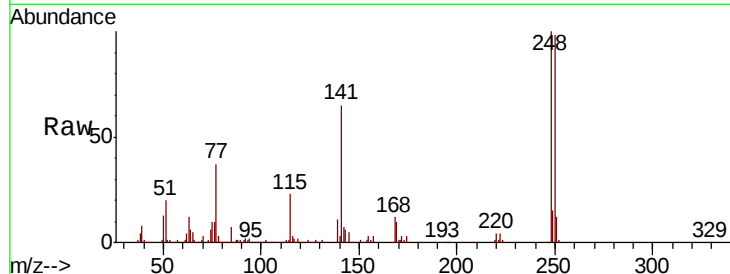
#67
4-Bromophenyl-phenylether
Concen: 38.875 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	64.5	64.0	96.0

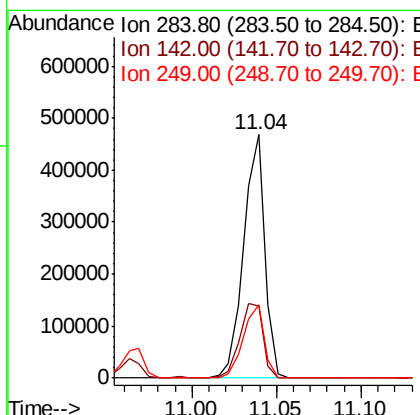
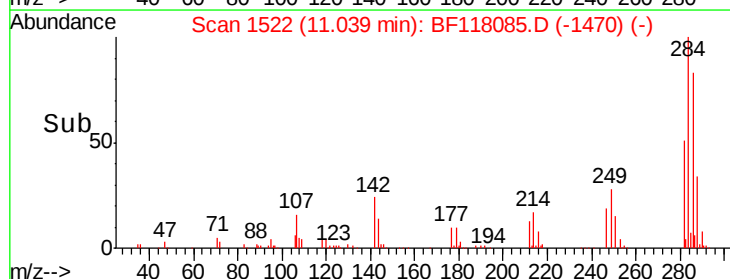
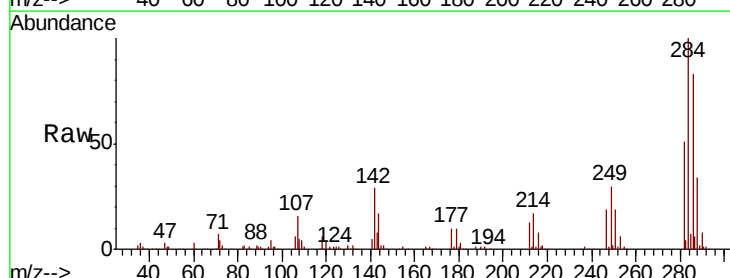
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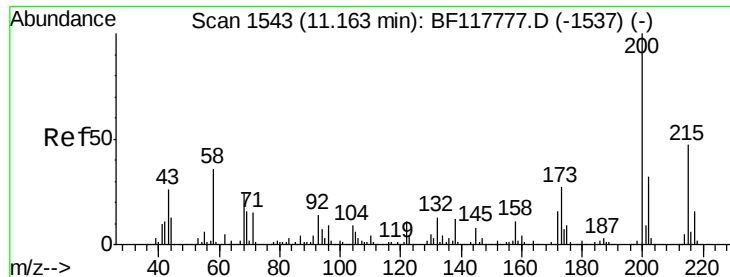
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#68
Hexachlorobenzene
Concen: 39.620 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	27.3	40.9
249	29.9	24.8	37.2





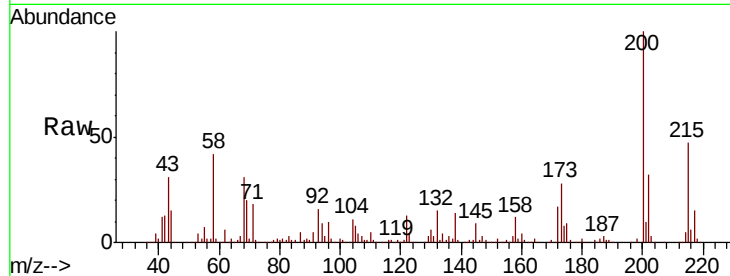
#69
 Atrazine
 Concen: 42.984 ng
 RT: 11.12 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

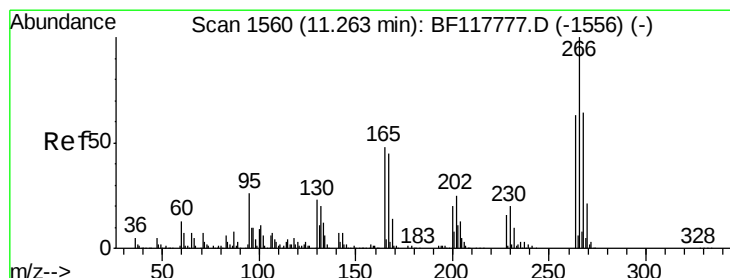
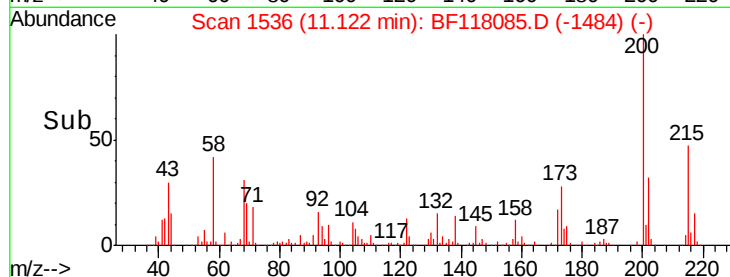
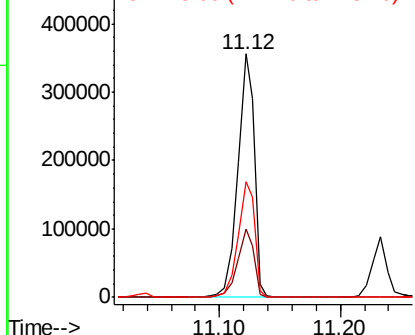
Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	7.9	47.9
215	47.2	27.0	67.0

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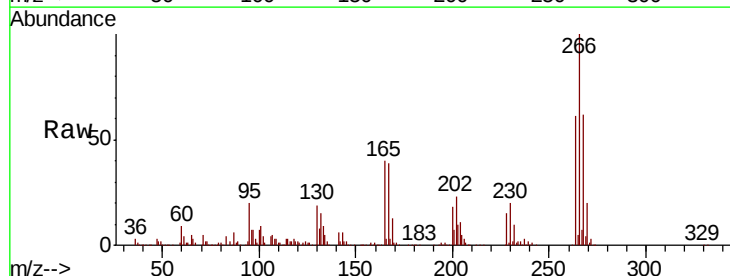


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

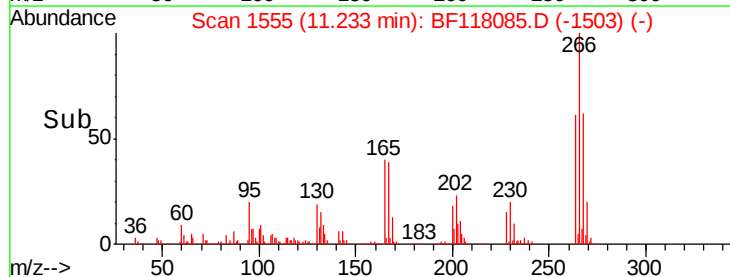
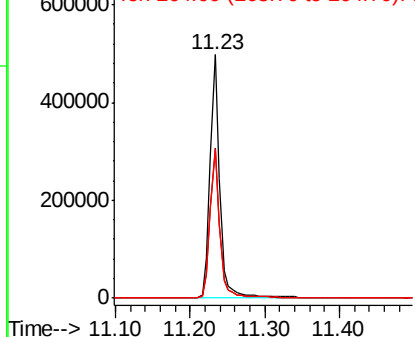


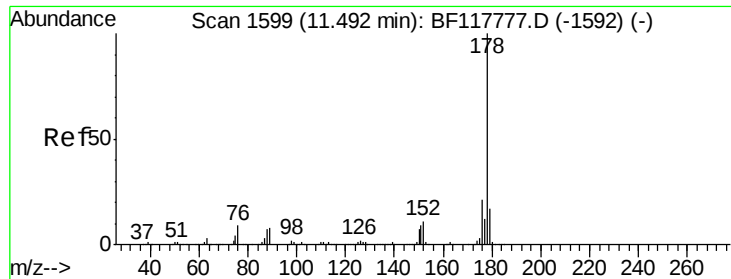
#70
 Pentachlorophenol
 Concen: 75.904 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.7	50.3	75.5
264	61.1	50.3	75.5



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E





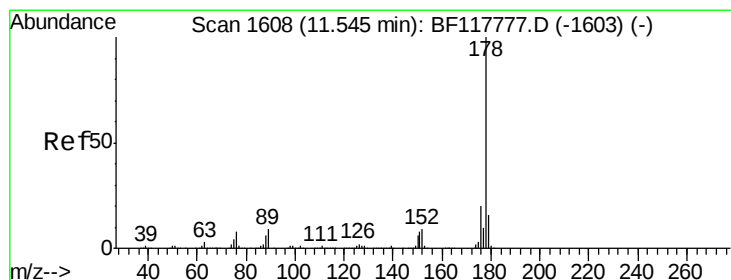
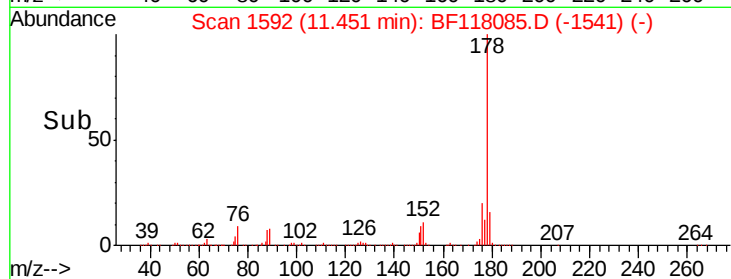
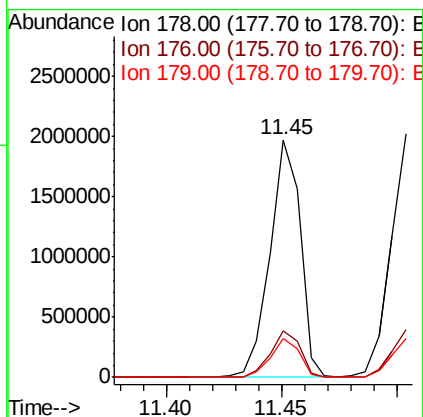
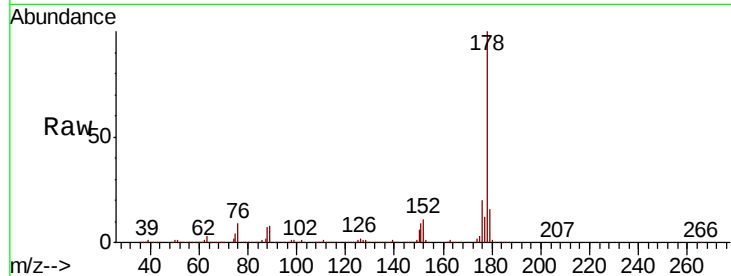
#71
Phenanthrene
Concen: 43.405 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion:178 Resp: 1798666
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 16.4 12.3 18.5

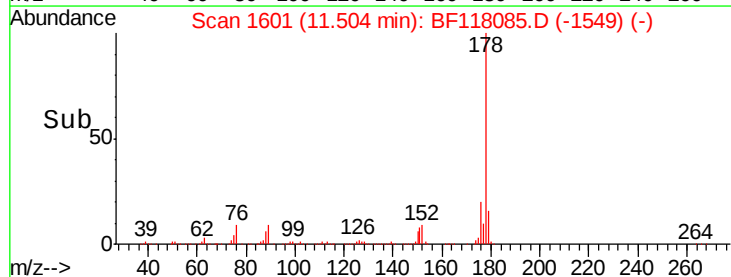
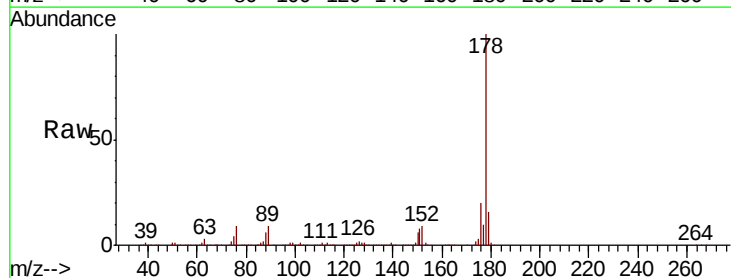
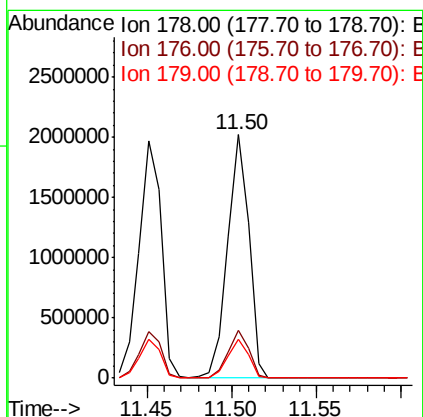
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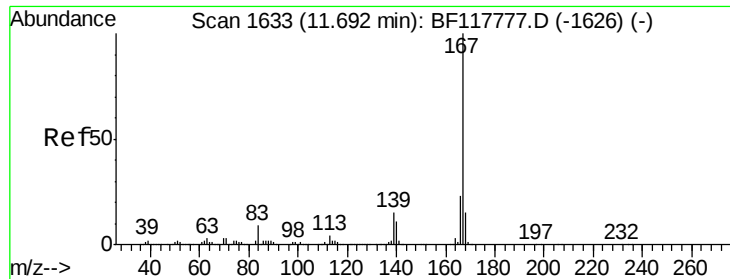
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#72
Anthracene
Concen: 43.114 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion:178 Resp: 1771356
Ion Ratio Lower Upper
178 100
176 19.8 15.0 22.6
179 16.0 12.8 19.2





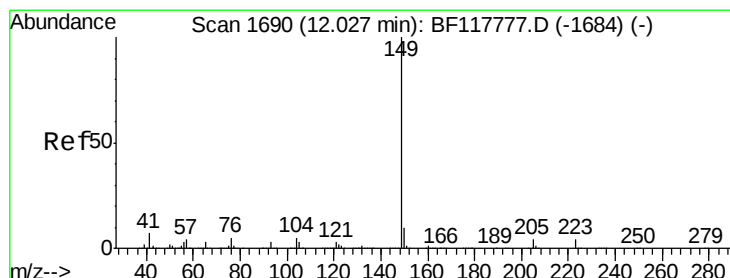
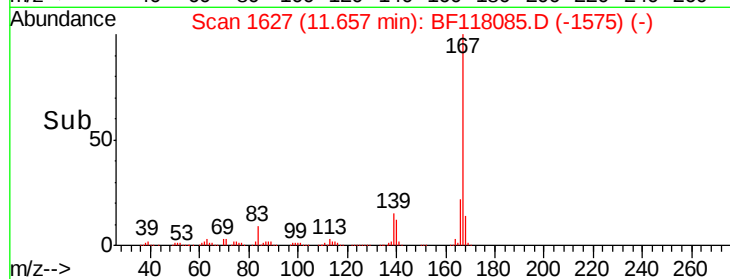
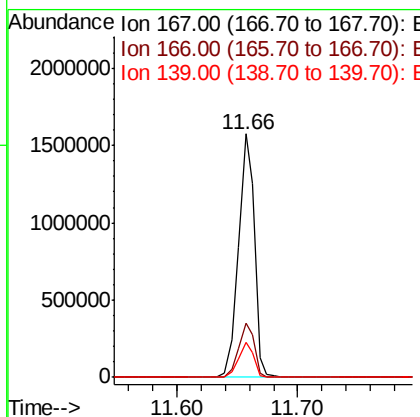
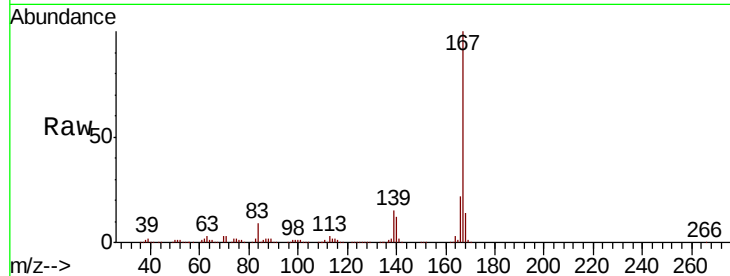
#73
 Carbazole
 Concen: 40.670 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	14.5	11.5	17.3

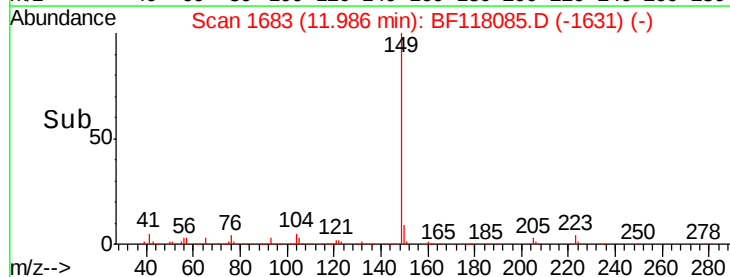
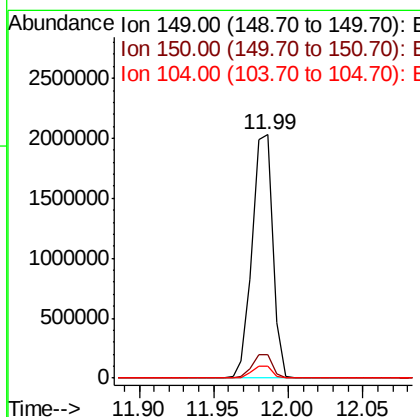
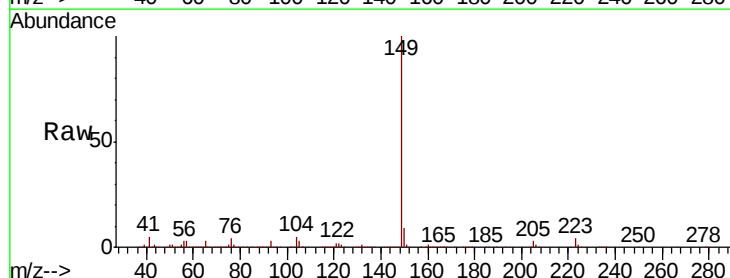
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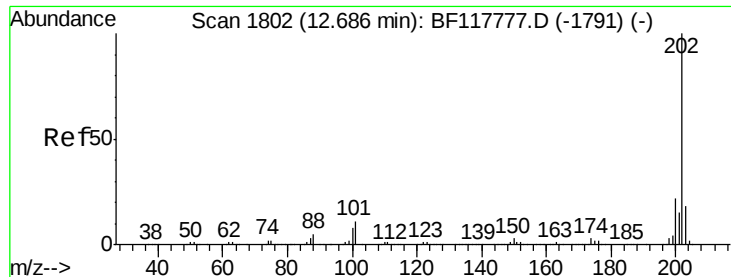
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#74
 Di-n-butylphthalate
 Concen: 43.414 ng
 RT: 11.99 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.8	4.2	6.4





#75

Fluoranthene

Concen: 39.617 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

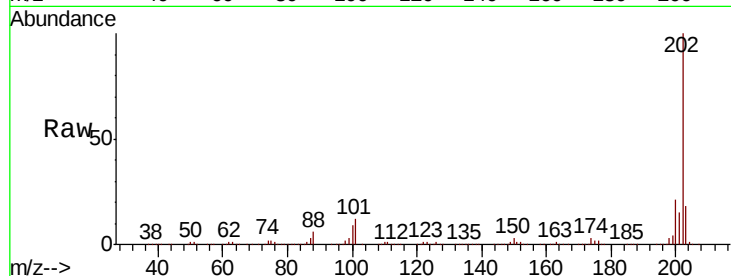
ClientSampleId :

PB125225BSD

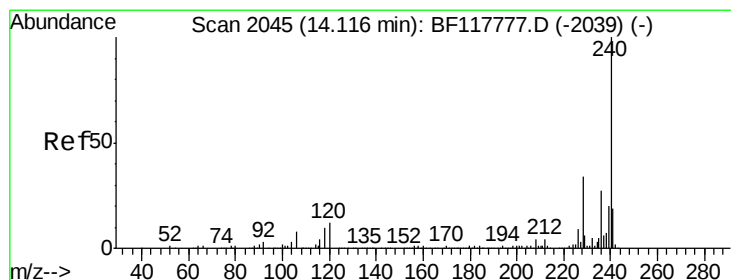
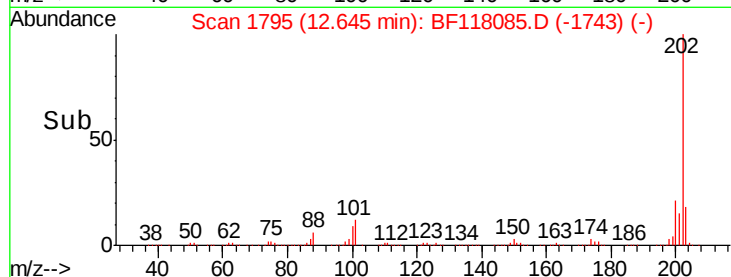
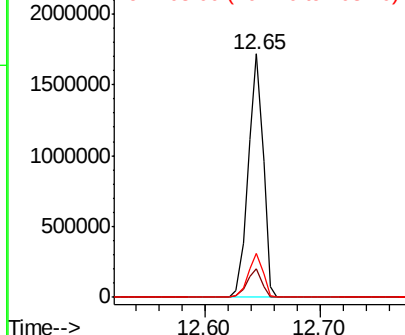
Tot Ion:	202	Resp:	1528937
Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.5
203	18.2	0.0	37.6

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



#76

Chrysene-d12

Concen: 20.000 ng

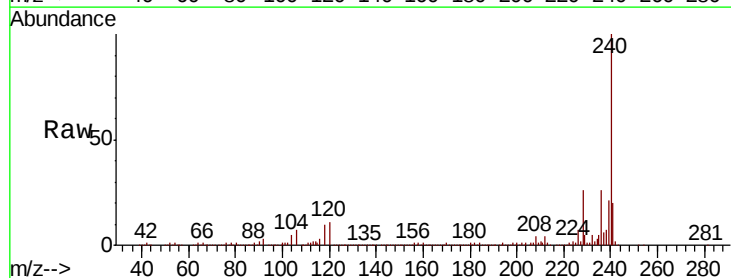
RT: 14.08 min Scan# 2039

Delta R.T. 0.01 min

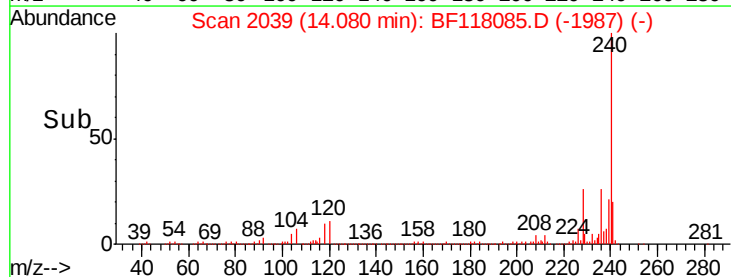
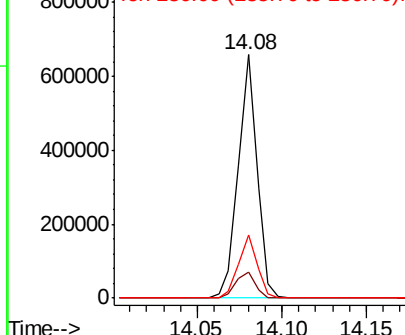
Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Tgt Ion:	240	Resp:	509365
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.4	12.6
236	26.2	20.6	31.0



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





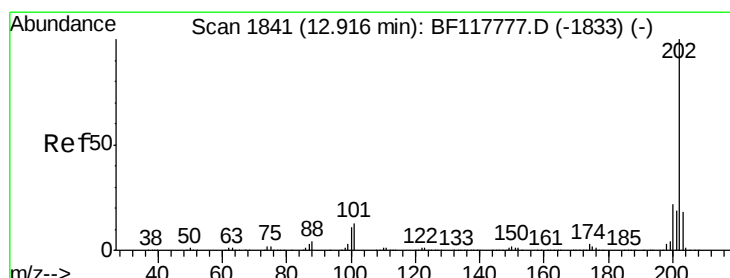
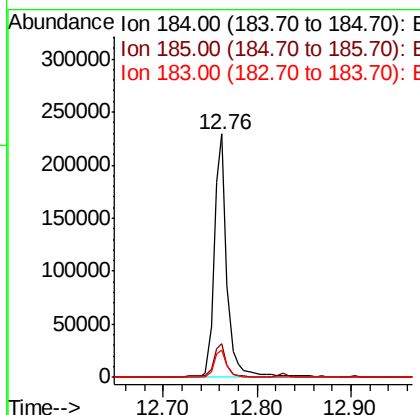
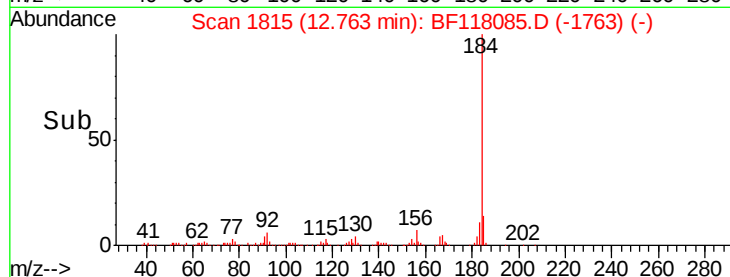
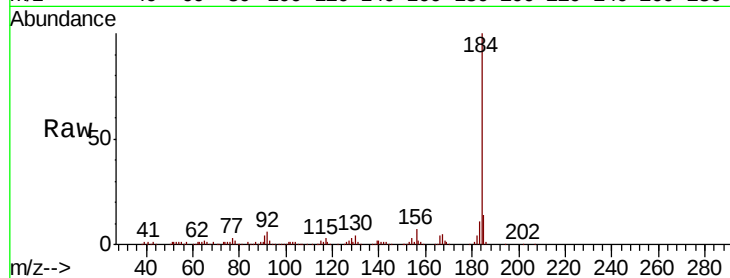
#77
Benzidine
Concen: 13.223 ng
RT: 12.76 min Scan# 1815
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.6	17.4
183	11.2	9.7	14.5

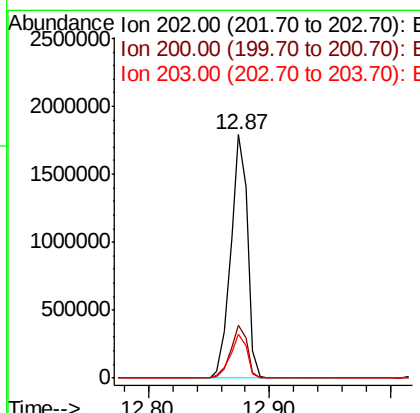
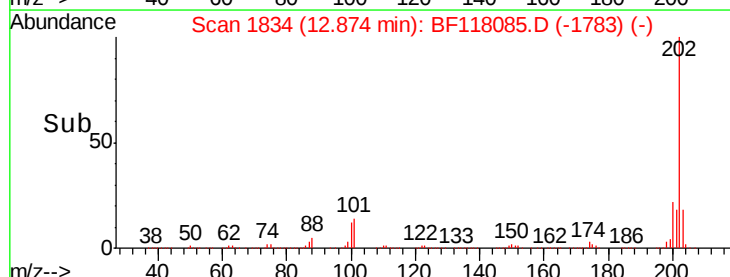
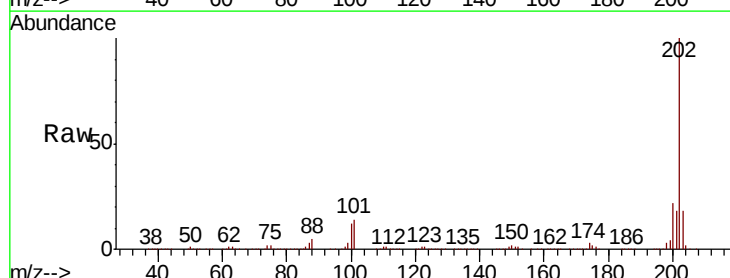
Manual Integrations
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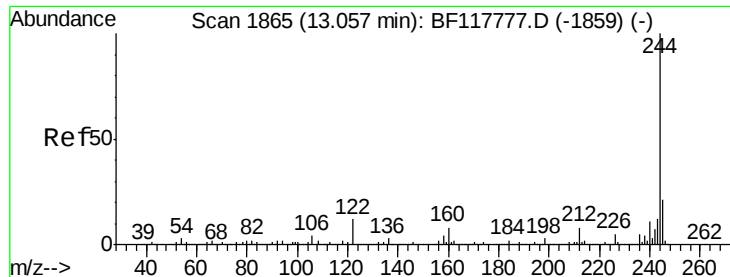
mohammad
12/5/2019 10:50:41 AM



#78
Pyrene
Concen: 41.727 ng
RT: 12.87 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	18.0	14.2	21.4





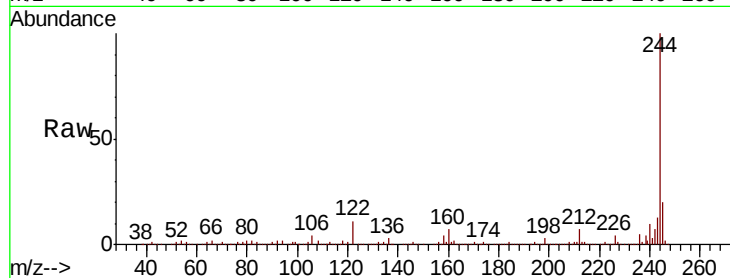
#79
 Terphenyl-d14
 Concen: 70.822 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Instrument :
 BNA_F
 ClientSampleId :
 PB125225BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.2	7.8
122	11.1	7.2	10.8

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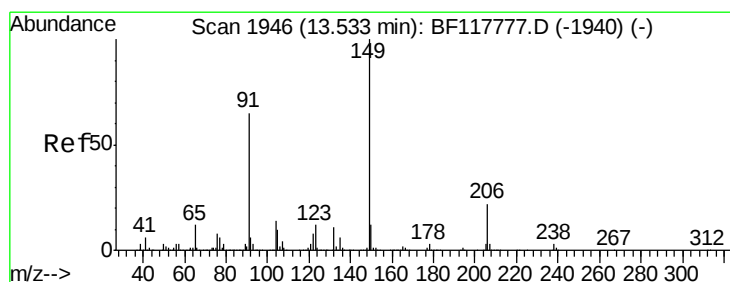
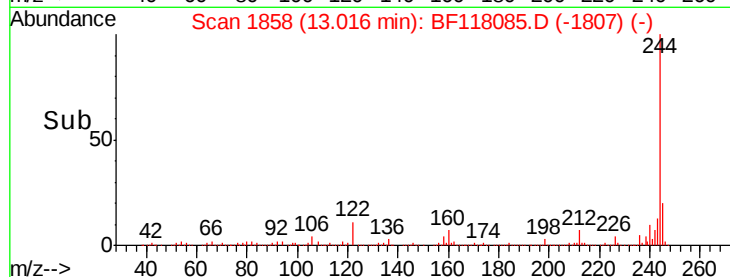
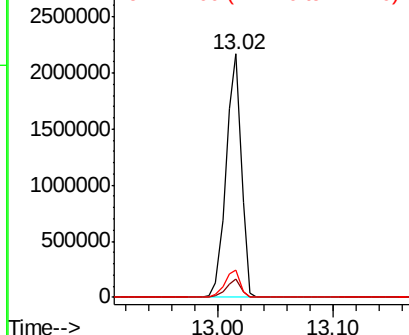


Abundance

Ion 244.00 (243.70 to 244.70): E

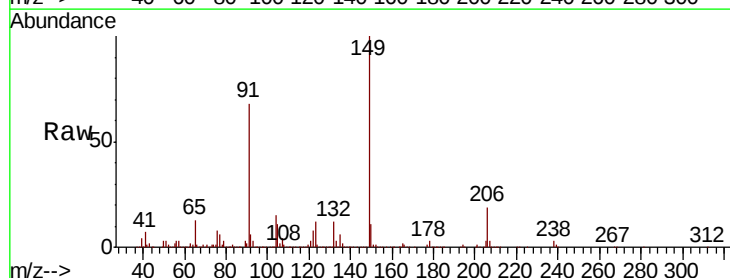
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 40.676 ng
 RT: 13.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BF118085.D
 Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	53.1	79.7
206	19.0	15.8	23.6

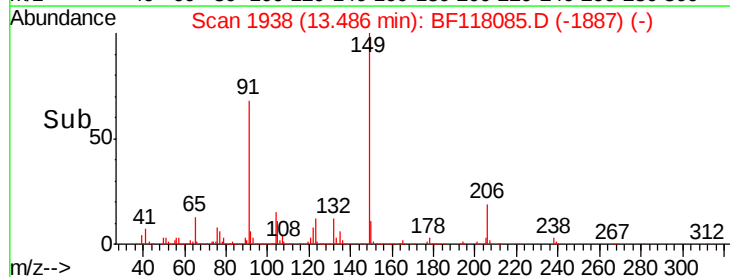
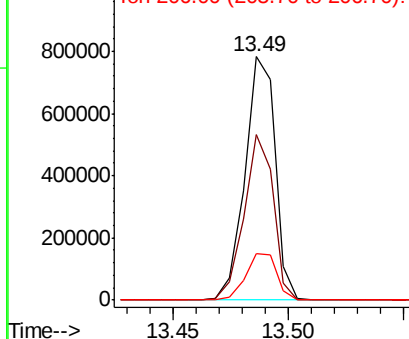


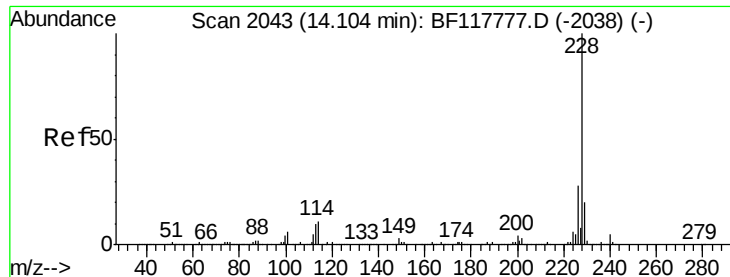
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





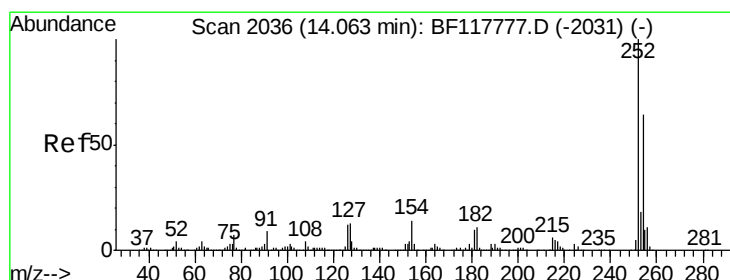
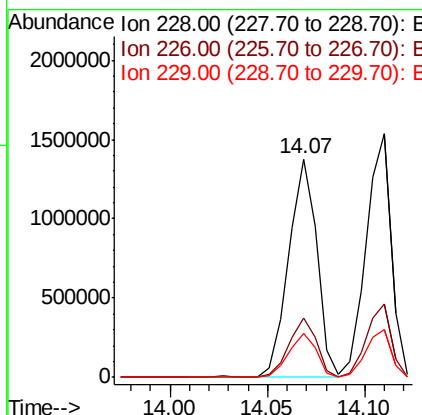
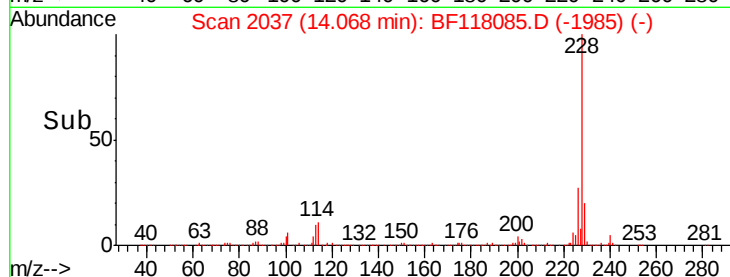
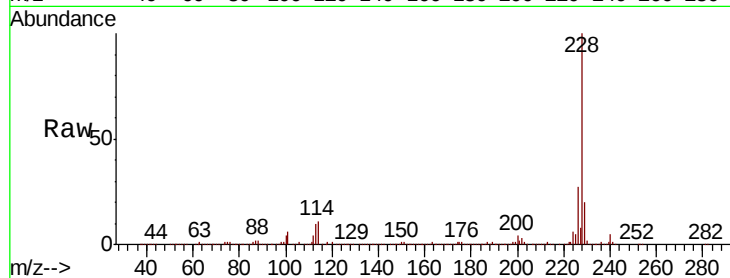
#81
Benzo(a)anthracene
Concen: 40.891 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	20.4	16.2	24.2

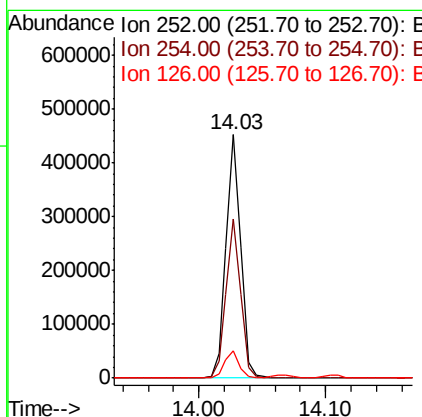
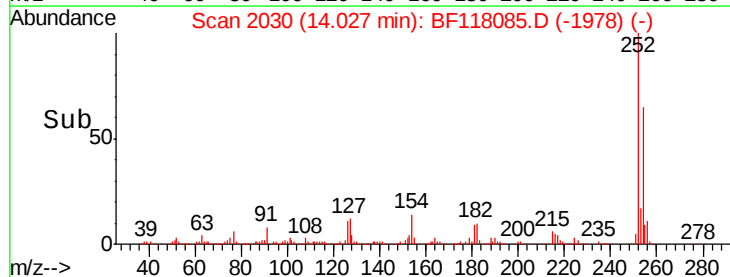
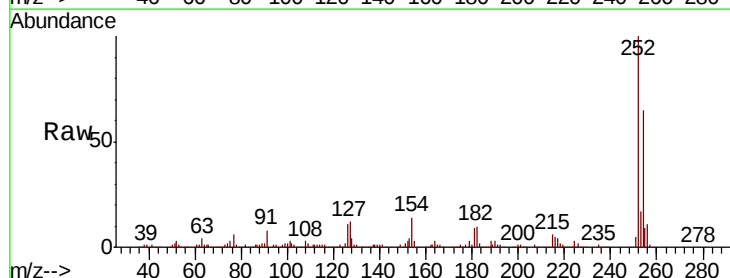
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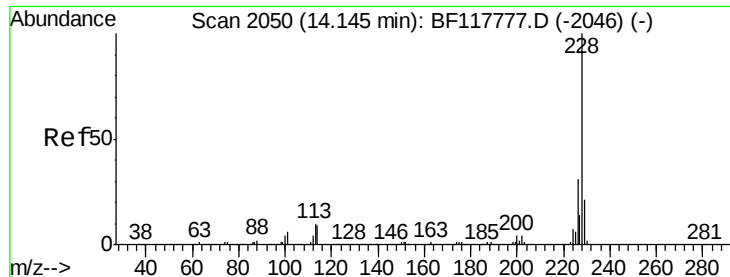
mohammad
12/5/2019 10:50:41 AM



#82
3,3'-Dichlorobenzidine
Concen: 31.118 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.2	78.2
126	11.3	9.3	13.9





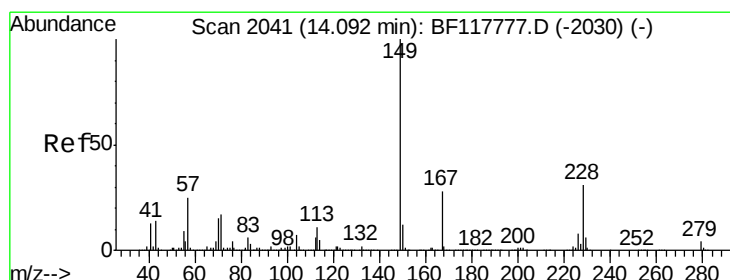
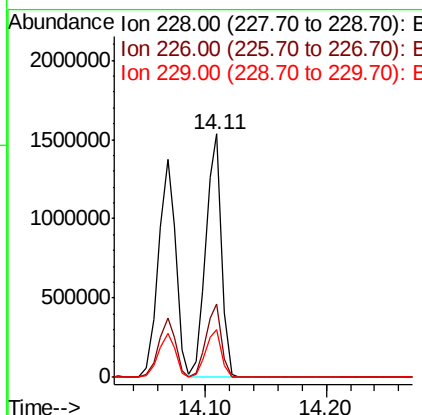
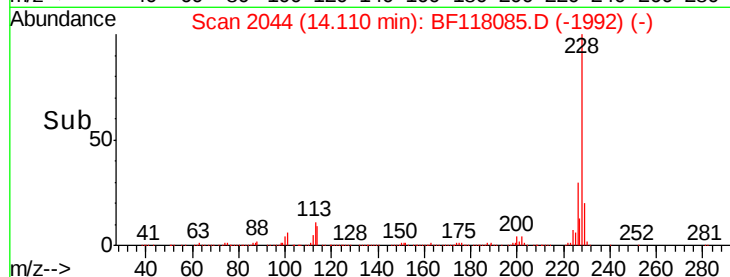
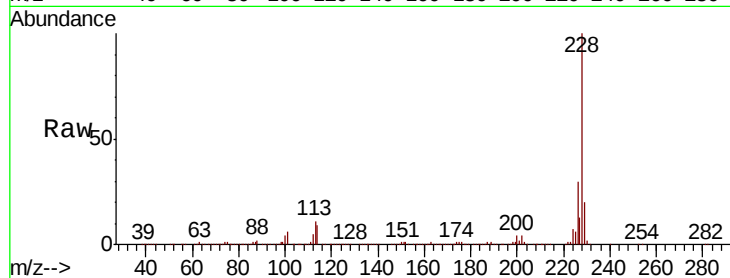
#83
Chrysene
Concen: 42.081 ng
RT: 14.11 min Scan# 2044
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ion	Ratio	Lower	Upper
228	100			
226	30.1	23.6	35.4	
229	19.8	16.2	24.2	

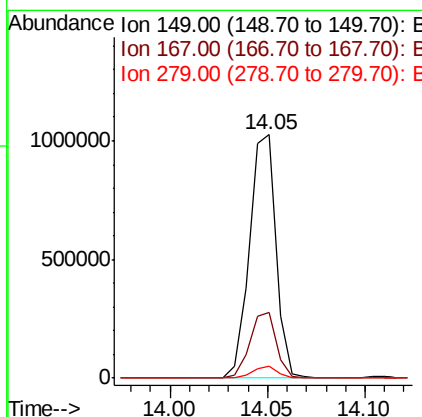
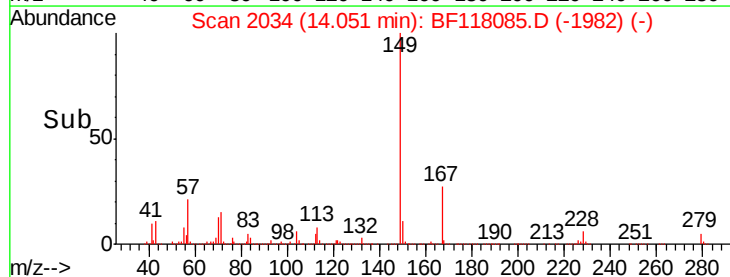
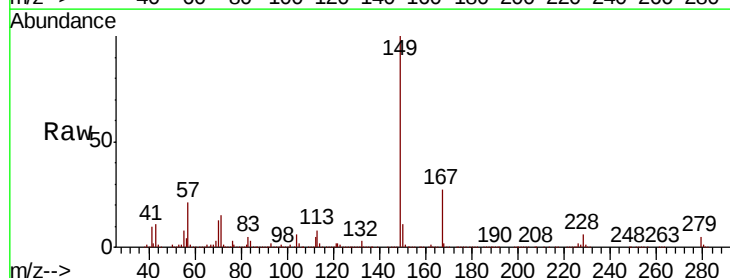
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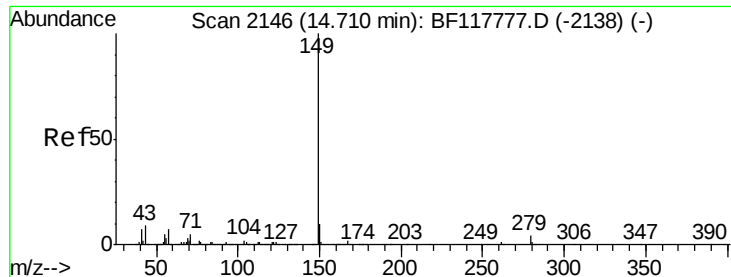
mohammad
12/5/2019 10:50:41 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.204 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
167	26.7	21.8	32.8	
279	4.7	3.4	5.0	





#85

Di-n-octyl phthalate

Concen: 53.830 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.00 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

Instrument :

BNA_F

ClientSampleId :

PB125225BSD

Tot Ion:149 Resp: 1695086

Ion Ratio Lower Upper

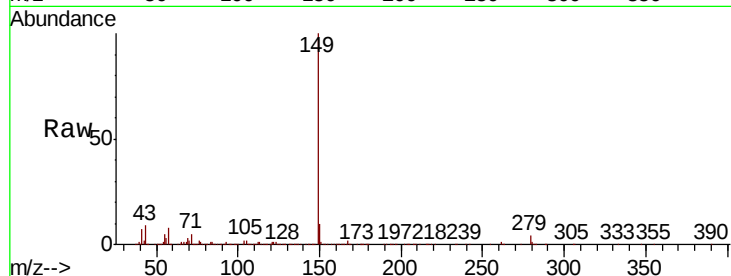
149 100

167 1.6 1.3 1.9

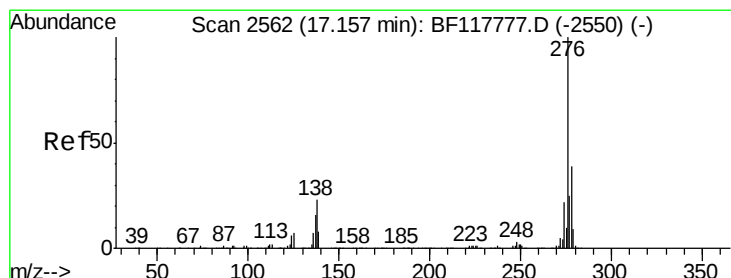
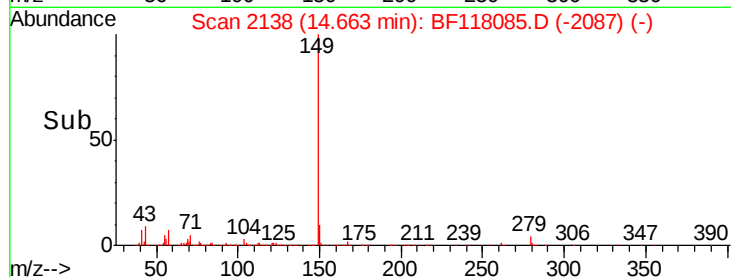
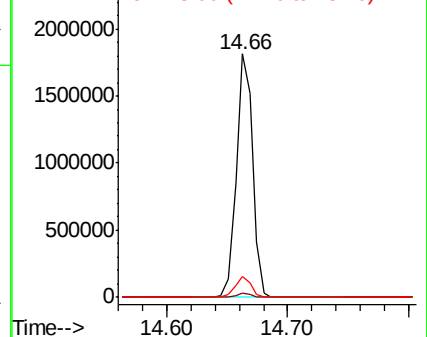
43 8.2 6.4 9.6

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.083 ng

RT: 17.10 min Scan# 2553

Delta R.T. 0.02 min

Lab File: BF118085.D

Acq: 4 Dec 2019 14:40

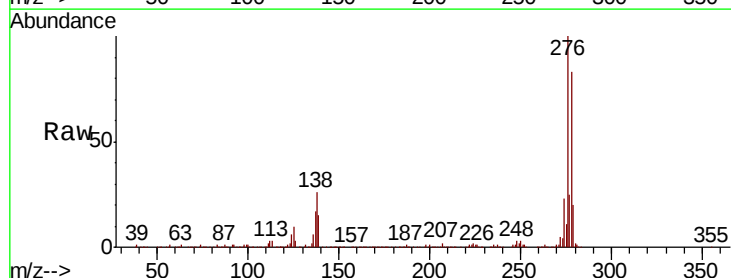
Tgt Ion:276 Resp: 1279229

Ion Ratio Lower Upper

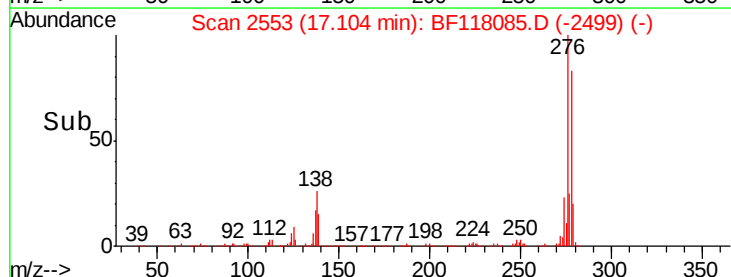
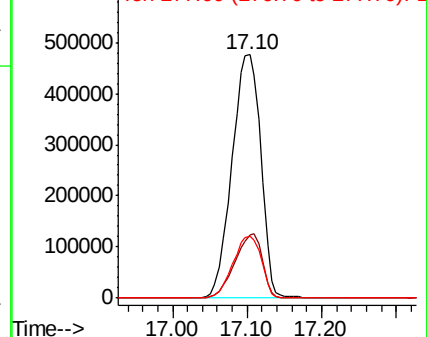
276 100

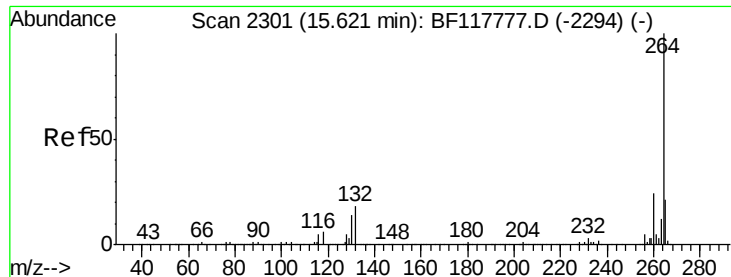
138 25.3 19.0 28.6

277 25.3 20.7 31.1



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





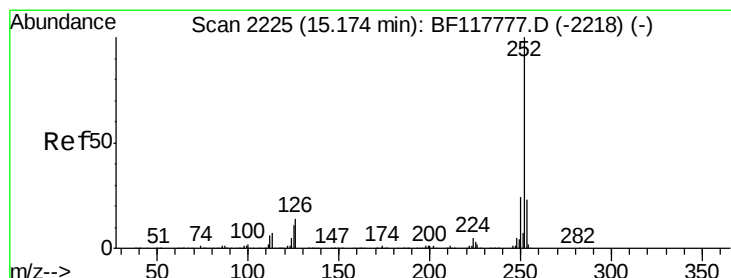
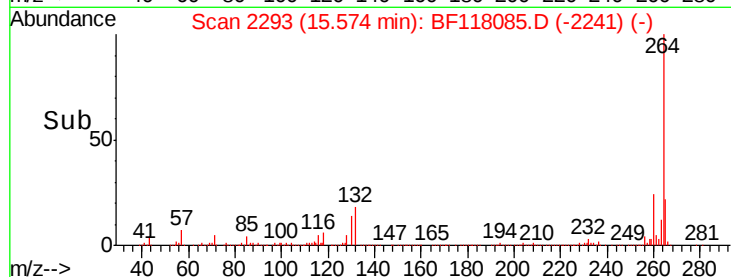
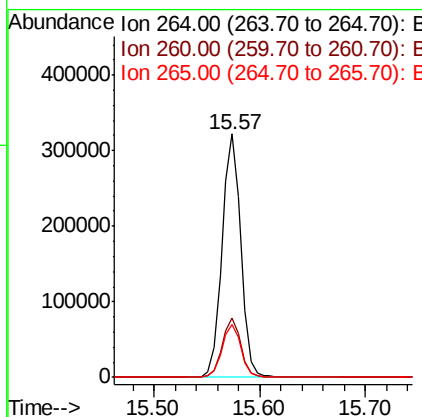
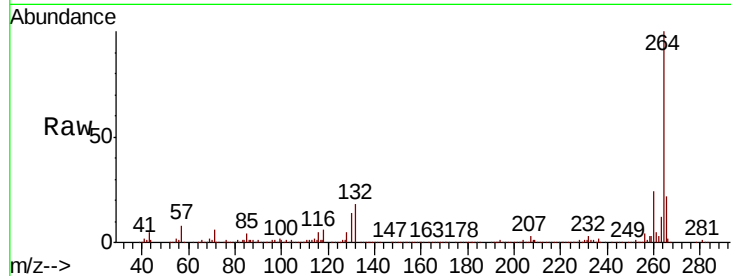
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.9	16.4	24.6

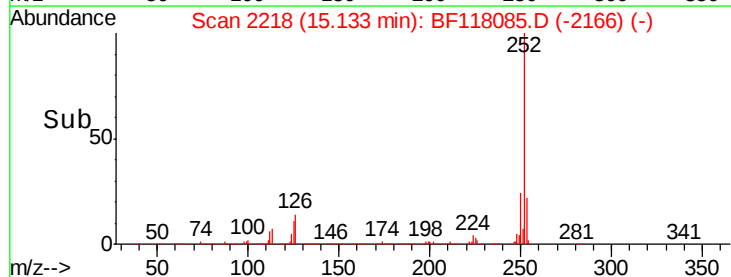
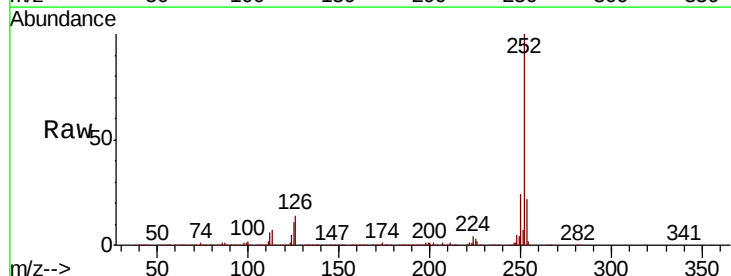
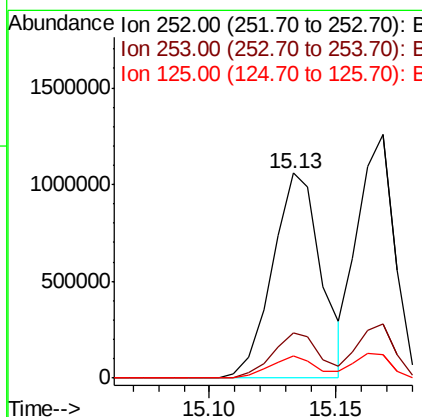
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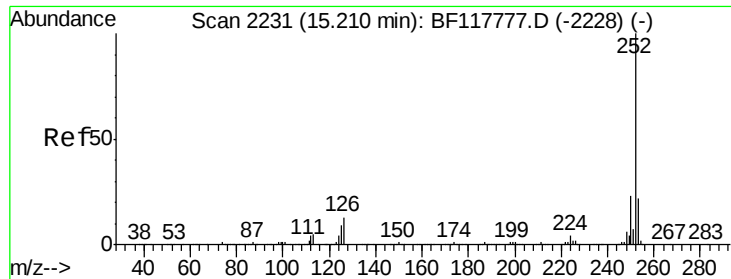
mohammad
12/5/2019 10:50:41 AM



#88
Benzo(b)fluoranthene
Concen: 54.884 ng
RT: 15.13 min Scan# 2218
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	10.6	7.7	11.5





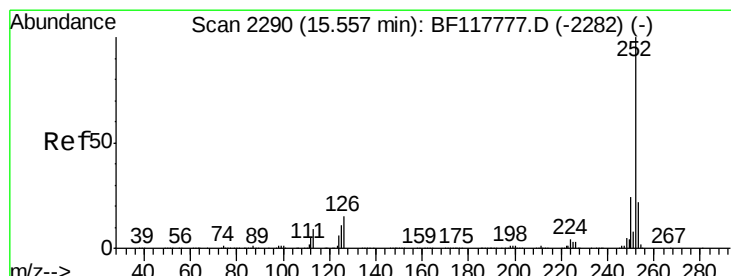
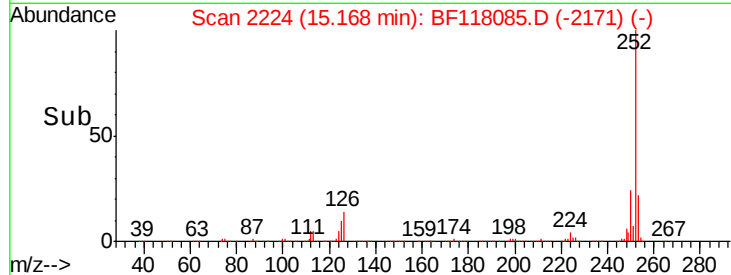
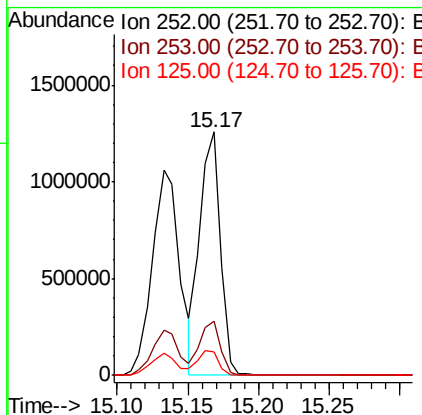
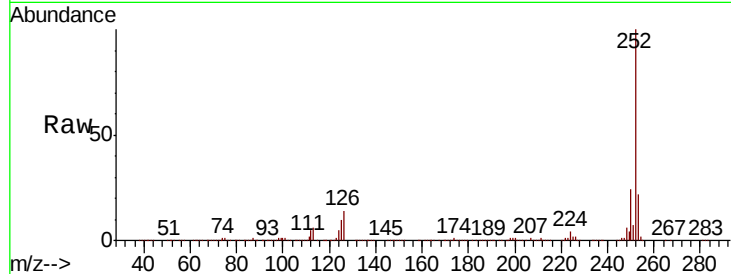
#89
Benzo(k)fluoranthene
Concen: 52.364 ng
RT: 15.17 min Scan# 2224
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	9.9	8.5	12.7

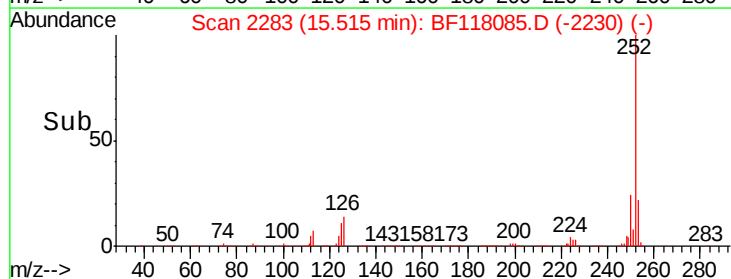
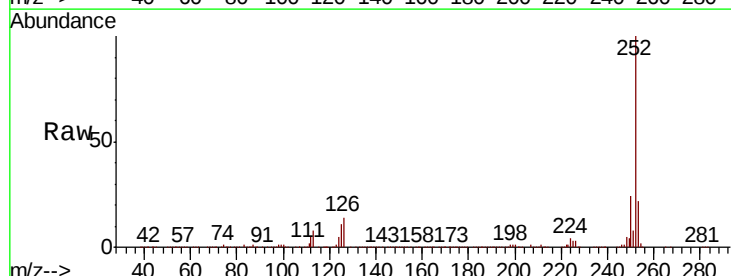
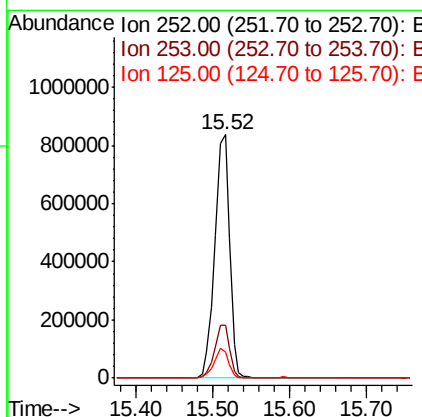
Manual Integrations
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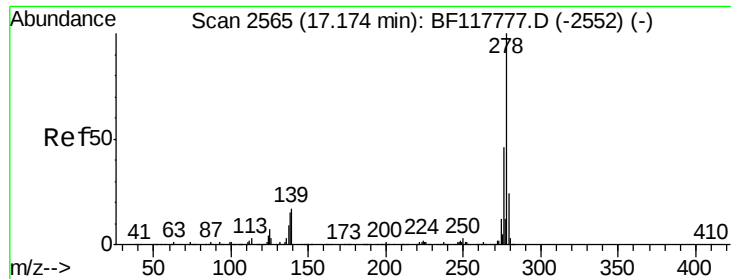
mohammad
12/5/2019 10:50:41 AM



#90
Benzo(a)pyrene
Concen: 48.560 ng
RT: 15.52 min Scan# 2283
Delta R.T. 0.01 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	10.9	8.9	13.3





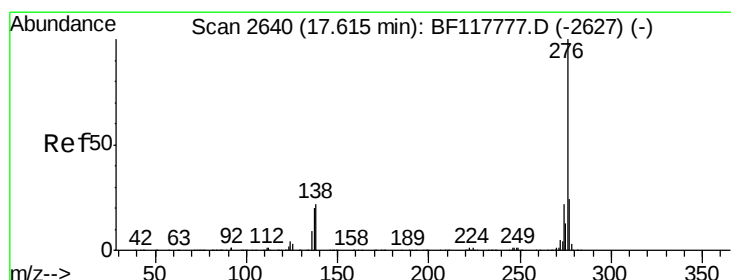
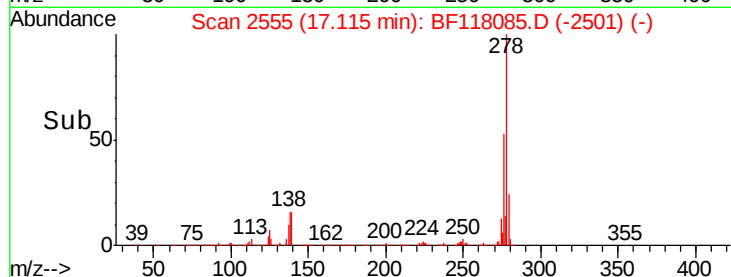
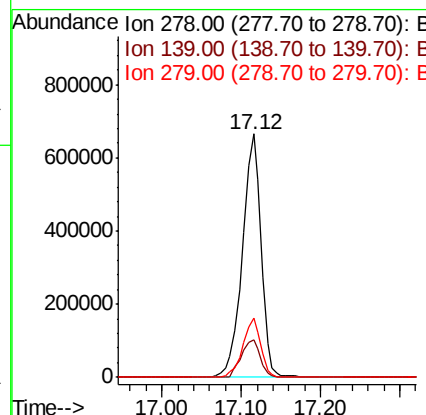
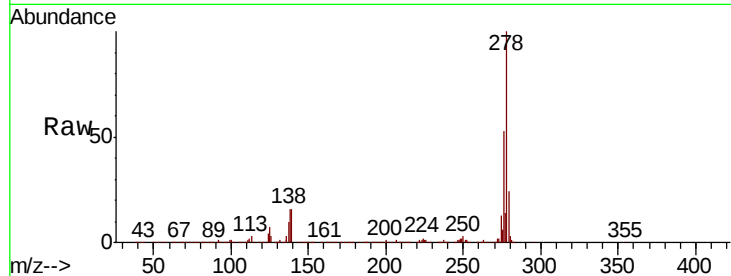
#91
Dibenzo(a,h)anthracene
Concen: 55.473 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.02 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Instrument :
BNA_F
ClientSampleId :
PB125225BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	12.2	18.4
279	24.1	19.0	28.6

Manual Integrations
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mohammad
12/5/2019 10:50:41 AM



#92
Benzo(g,h,i)perylene
Concen: 54.622 ng
RT: 17.56 min Scan# 2630
Delta R.T. 0.02 min
Lab File: BF118085.D
Acq: 4 Dec 2019 14:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	22.5	16.6	25.0

