

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118179.D
 Acq On : 13 Dec 2019 11:53
 Operator : JU
 Sample : PB125387BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

Manual Integrations
 APPROVED

mohammad
 12/16/2019 12:25:04 PM

Quant Time: Dec 13 17:49:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	115726	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	474449	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	255675	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	478530	20.00	ng	0.00
76) Chrysene-d12	14.07	240	339238	20.00	ng	0.00
87) Perylene-d12	15.56	264	299873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	706054	106.86	ng	0.02
7) Phenol-d6	6.50	99	850707	106.45	ng	0.00
23) Nitrobenzene-d5	7.44	82	581099	68.90	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	317243	102.14	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1221070	72.67	ng	0.00
79) Terphenyl-d14	13.00	244	1463000	74.16	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.73	88	108180	38.830 ng	98
3) Pyridine	3.49	79	255155	35.498 ng	99
4) n-Nitrosodimethylamine	3.44	42	126784	41.001 ng	99
6) Aniline	6.53	93	308722	30.199 ng	99
8) 2-Chlorophenol	6.66	128	313566	42.087 ng	97
9) Benzaldehyde	6.42	77	213246	58.769 ng	99
10) Phenol	6.52	94	369356	40.526 ng	94
11) bis(2-Chloroethyl)ether	6.60	93	271121	41.130 ng	97
12) 1,3-Dichlorobenzene	6.81	146	345859	39.739 ng	98
13) 1,4-Dichlorobenzene	6.89	146	353317	40.315 ng	98
14) 1,2-Dichlorobenzene	7.04	146	334734	40.671 ng	96
15) Benzyl Alcohol	7.02	79	260682	41.786 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	313681	39.578 ng	99
17) 2-Methylphenol	7.13	107	248408	41.921 ng	99
18) Hexachloroethane	7.38	117	127271	39.411 ng	95
19) n-Nitroso-di-n-propylamine	7.28	70	206120	42.444 ng	96
20) 3+4-Methylphenols	7.28	107	311186	41.808 ng	98
22) Acetophenone	7.28	105	425217	37.305 ng	# 98
24) Nitrobenzene	7.46	77	314893	38.004 ng	96
25) Isophorone	7.69	82	560187	39.183 ng	98
26) 2-Nitrophenol	7.77	139	175352	39.595 ng	99
27) 2,4-Dimethylphenol	7.81	122	267543	45.290 ng	98
28) bis(2-Chloroethoxy)methane	7.90	93	343546	36.775 ng	99
29) 2,4-Dichlorophenol	8.02	162	268458	38.982 ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	302123	37.540 ng	98
31) Naphthalene	8.18	128	933772	39.188 ng	100
32) Benzoic acid	7.94	122	192312	36.055 ng	97
33) 4-Chloroaniline	8.23	127	170571	16.579 ng	96
34) Hexachlorobutadiene	8.29	225	174960	36.253 ng	99
35) Caprolactam	8.60	113	82973m	39.069 ng	
36) 4-Chloro-3-methylphenol	8.72	107	282514	38.983 ng	100
37) 2-Methylnaphthalene	8.87	142	642080	39.803 ng	100
38) 1-Methylnaphthalene	8.97	142	609375	40.232 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	281135	36.297 ng	98

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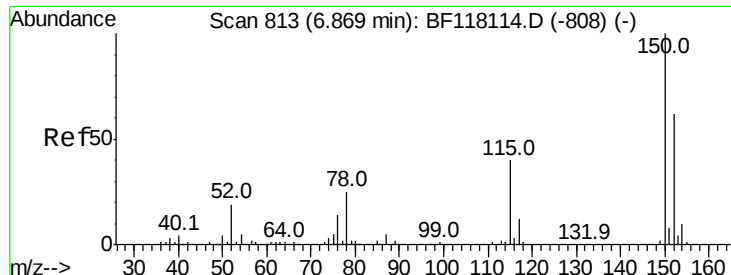
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 12/16/2019 12:25:04 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	318668	91.828	nq	99
43) 2,4,6-Trichlorophenol	9.15	196	196371	37.972	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	209711	39.141	nq	94
46) 1,1'-Biphenyl	9.34	154	770049	38.188	nq	99
47) 2-Chloronaphthalene	9.36	162	600319	37.009	nq	97
48) 2-Nitroaniline	9.46	65	166106	35.909	nq	96
49) Acenaphthylene	9.78	152	951179	39.758	nq	99
50) Dimethylphthalate	9.64	163	701250	37.132	nq	99
51) 2,6-Dinitrotoluene	9.70	165	154964	37.736	nq	98
52) Acenaphthene	9.95	154	545969	37.388	nq	97
53) 3-Nitroaniline	9.87	138	102027	21.112	nq	96
54) 2,4-Dinitrophenol	9.99	184	153511	75.139	nq	98
55) Dibenzofuran	10.13	168	834752	39.013	nq	99
56) 4-Nitrophenol	10.05	139	247915	73.920	nq	97
57) 2,4-Dinitrotoluene	10.11	165	213670	38.983	nq	96
58) Fluorene	10.47	166	663860	39.041	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	175695	39.748	nq	98
60) Diethylphthalate	10.34	149	716108	38.486	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	326387	38.149	nq	96
62) 4-Nitroaniline	10.49	138	157303	31.209	nq	99
63) Azobenzene	10.62	77	617541	38.878	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	109319	41.366	nq	93
66) n-Nitrosodiphenylamine	10.58	169	580436	38.842	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	203818	37.312	nq	# 90
68) Hexachlorobenzene	11.02	284	236043	36.713	nq	99
69) Atrazine	11.11	200	201587	54.733	nq	98
70) Pentachlorophenol	11.22	266	251419	83.152	nq	99
71) Phenanthrene	11.44	178	989107	38.883	nq	99
72) Anthracene	11.49	178	1022020	40.274	nq	100
73) Carbazole	11.65	167	861622	37.843	nq	99
74) Di-n-butylphthalate	11.97	149	1137744	39.928	nq	99
75) Fluoranthene	12.63	202	1015329	39.039	nq	99
77) Benzidine	12.75	184	331758	37.149	nq	98
78) Pyrene	12.86	202	1028893	38.487	nq	99
80) Butylbenzylphthalate	13.47	149	476191	39.331	nq	98
81) Benzo(a)anthracene	14.06	228	892323	38.040	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	225510	29.272	nq	98
83) Chrysene	14.09	228	846956	37.799	nq	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	668039	41.845	nq	100
85) Di-n-octyl phthalate	14.65	149	1036374	42.854	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	646925	34.313	nq	100
88) Benzo(b)fluoranthene	15.12	252	733846	37.002	nq	99
89) Benzo(k)fluoranthene	15.15	252	743820	39.040	nq	99
90) Benzo(a)pyrene	15.50	252	638524	36.454	nq	99
91) Dibenzo(a,h)anthracene	17.09	278	543631	36.185	nq	98
92) Benzo(g,h,i)perylene	17.53	276	520082	36.025	nq	99

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



#1

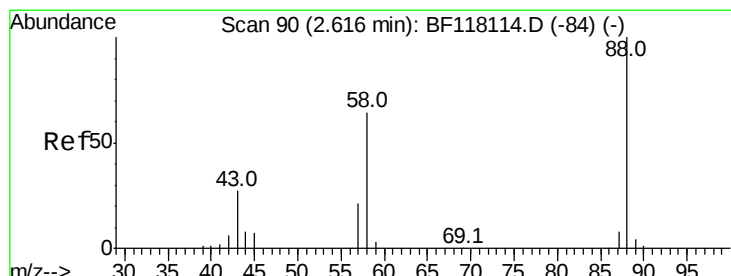
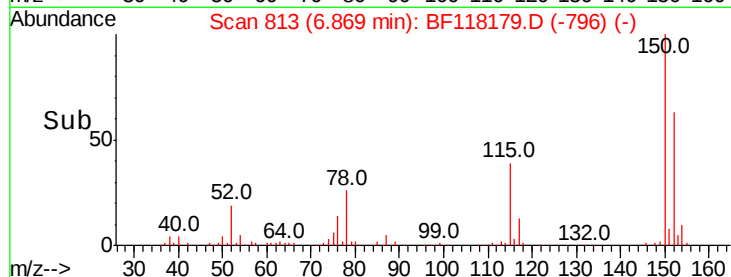
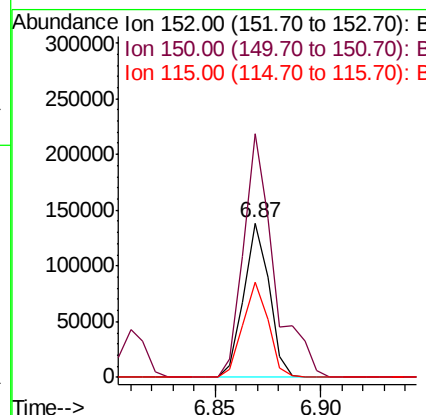
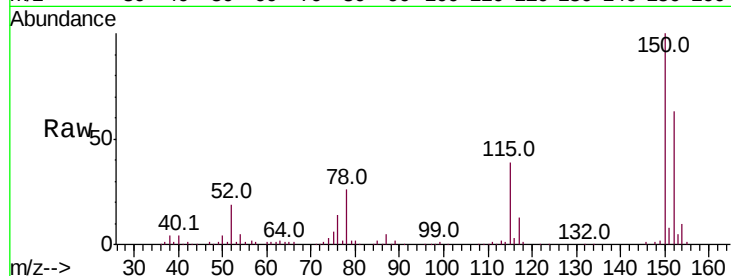
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	128.3	192.5
115	62.0	51.1	76.7

Manual Integrations
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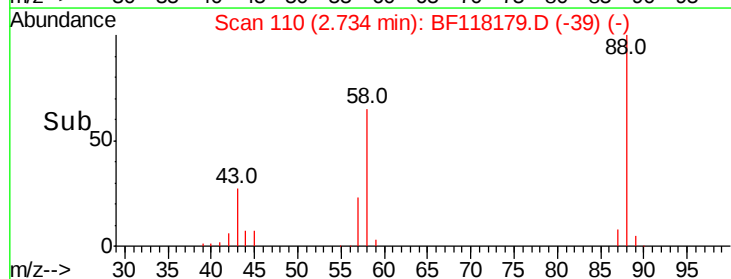
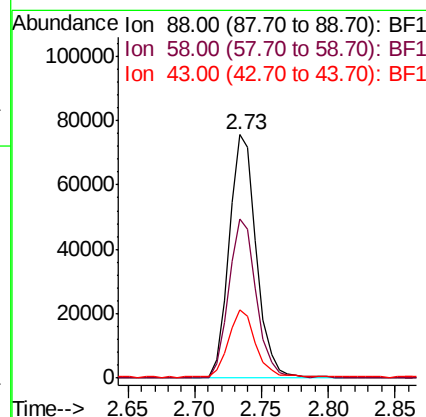
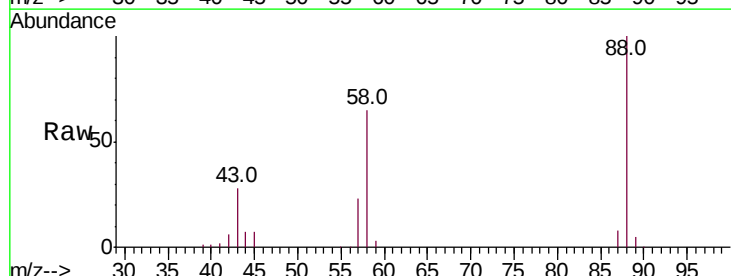
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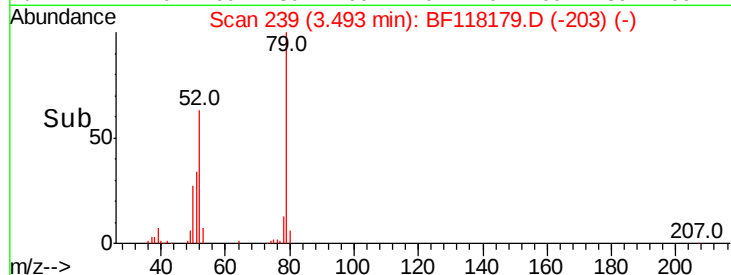
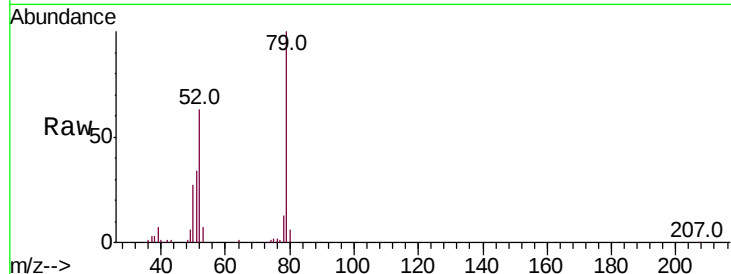
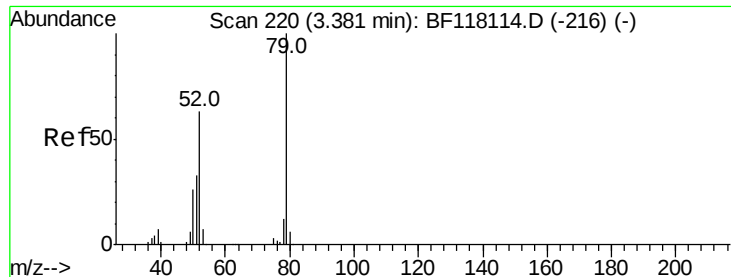


#2

1,4-Dioxane
Concen: 38.830 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.12 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.1	52.2	78.4
43	29.9	21.4	32.2





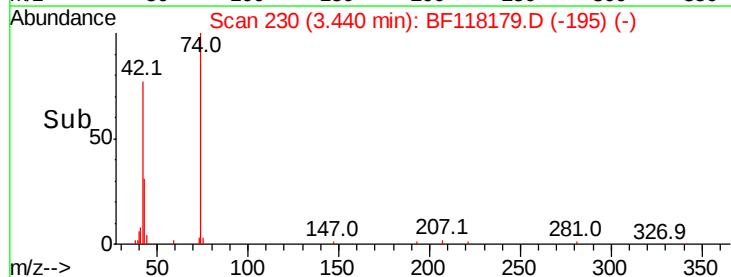
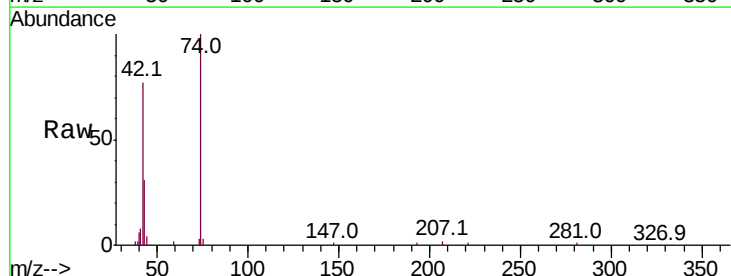
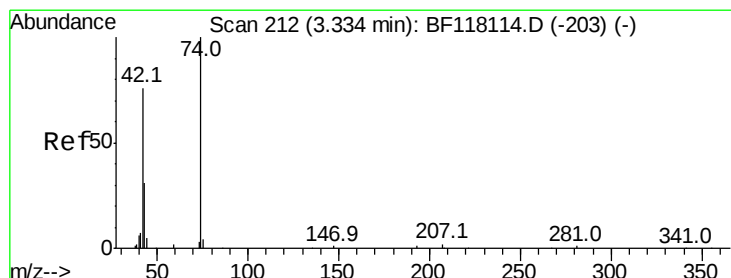
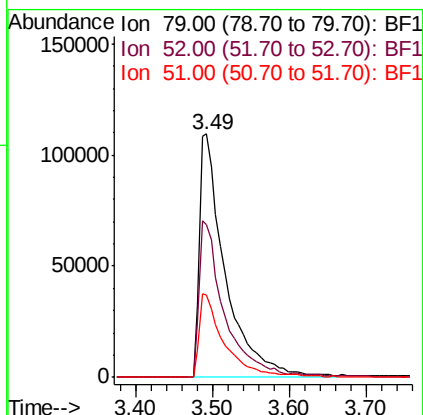
#3
 Pvridine
 Concen: 35.498 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.11 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tot Ion	Ratio	Resp	Lower	Upper
79	100	255155		
52	62.7		50.7	76.1
51	33.6		26.4	39.6

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

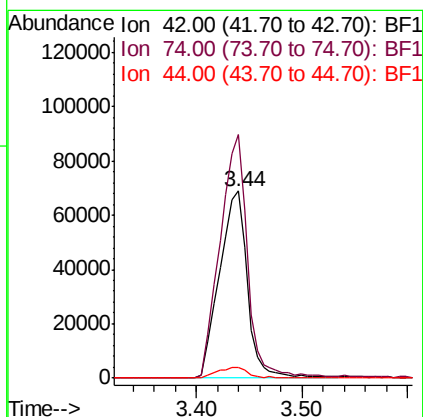
Manual Integrations
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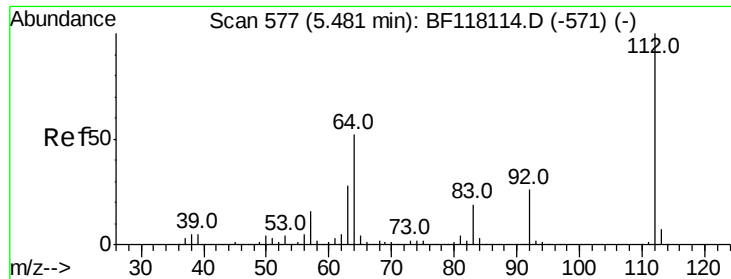
mohammad
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#4
 n-Nitrosodimethylamine
 Concen: 41.001 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.11 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	126784		
74	130.1		104.6	157.0
44	5.5		5.1	7.7





#5

2-Fluorophenol

Concen: 106.858 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

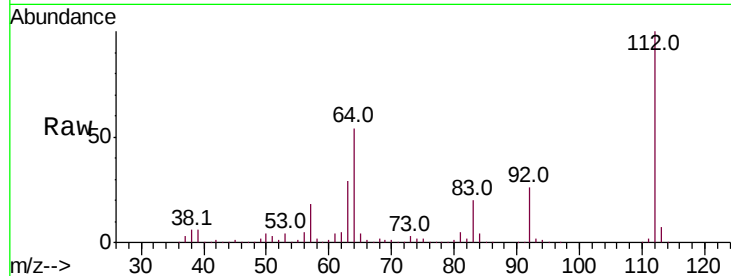
ClientSampled :

PB125387BS

Tot Ion:	112	Resp:	706054
Ion Ratio	Lower	Upper	
112	100		
64	53.9	41.3	61.9
63	29.5	22.4	33.6

Manual Integrations
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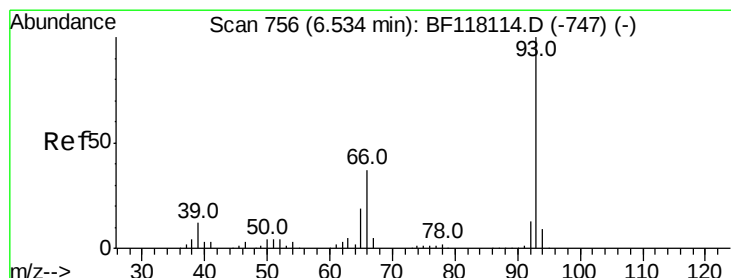
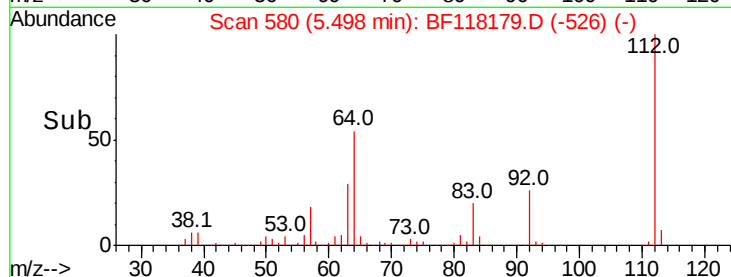
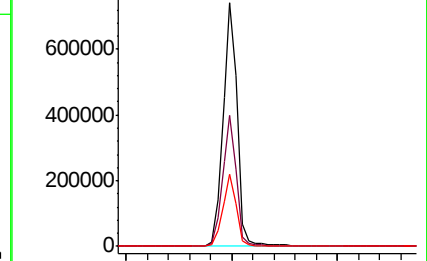
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 30.199 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF118179.D

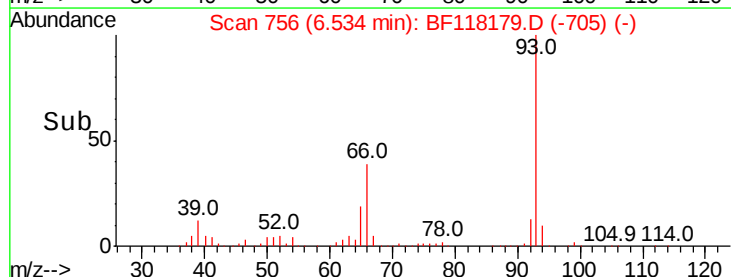
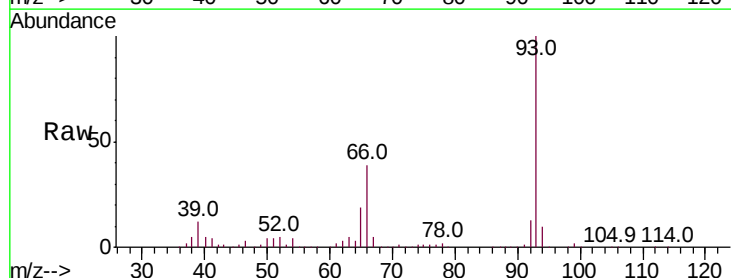
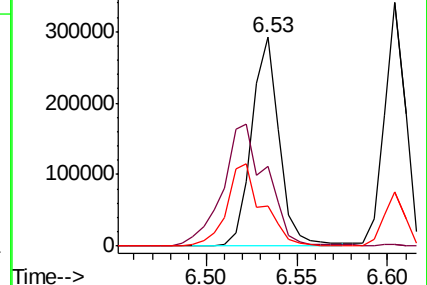
Acq: 13 Dec 2019 11:53

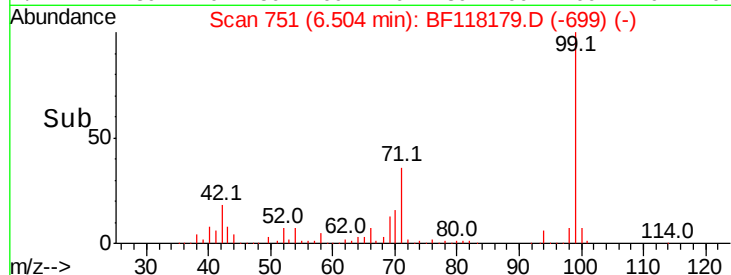
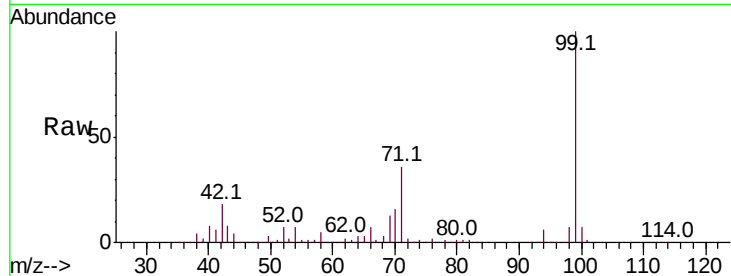
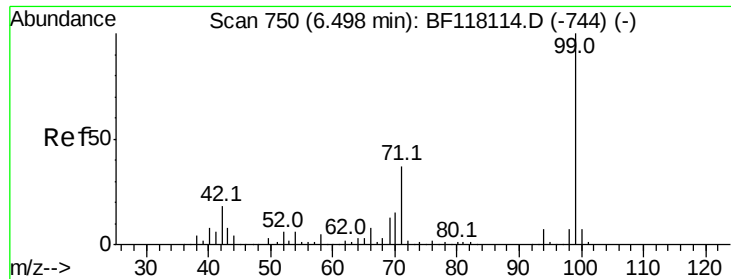
Tgt Ion:	93	Resp:	308722
Ion Ratio	Lower	Upper	
93	100		
66	38.5	30.2	45.2
65	19.3	15.5	23.3

Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 106.447 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tot Ion:	99	Resp:	850707
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.1	21.1
71	36.4	29.7	44.5

Instrument :

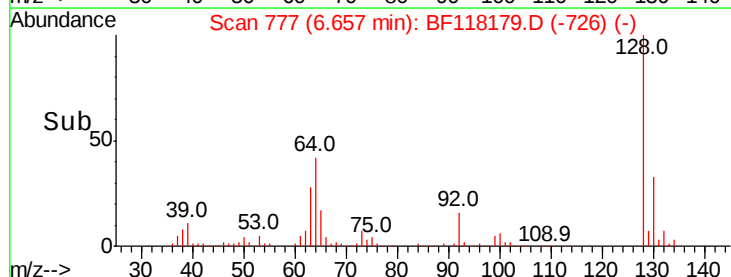
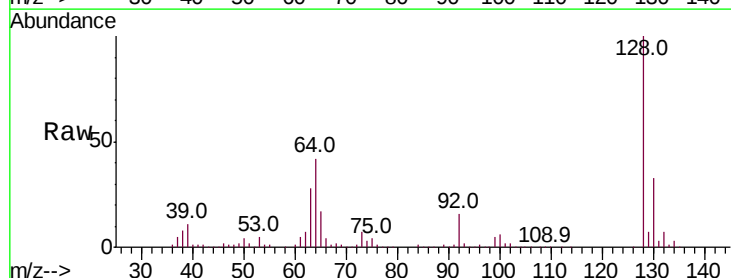
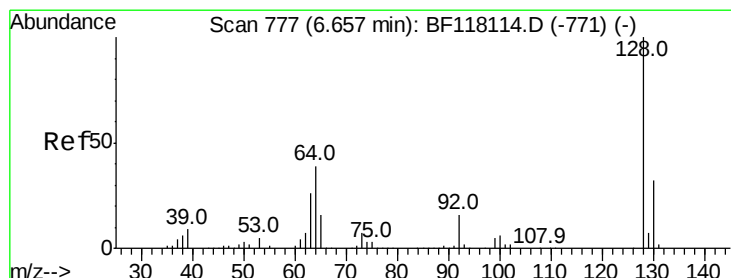
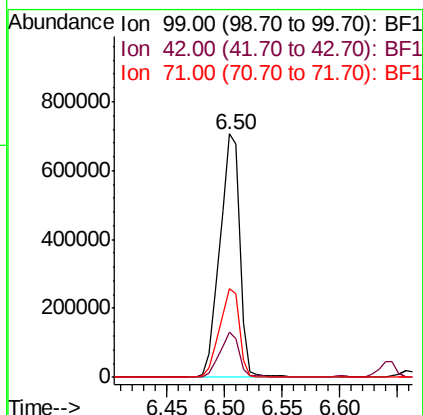
BNA_F

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#8

2-Chlorophenol

Concen: 42.087 ng

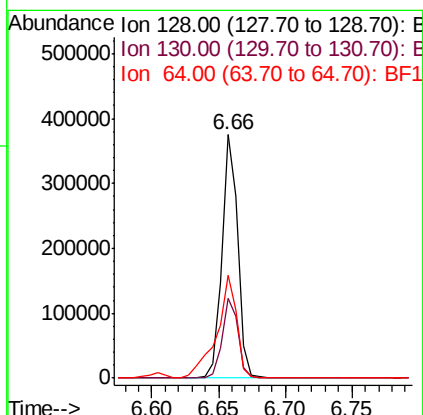
RT: 6.66 min Scan# 777

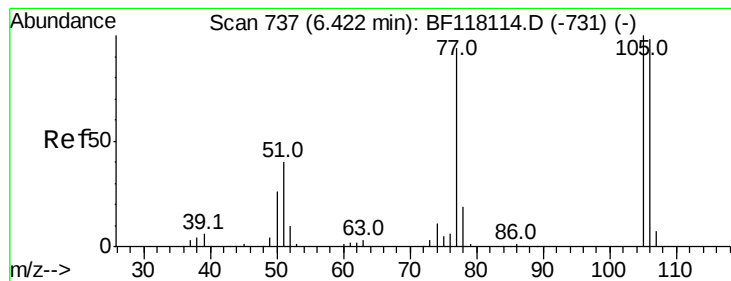
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	128	Resp:	313566
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.1	52.1
64	42.3	19.3	59.3





#9

Benzaldehyde

Concen: 58.769 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

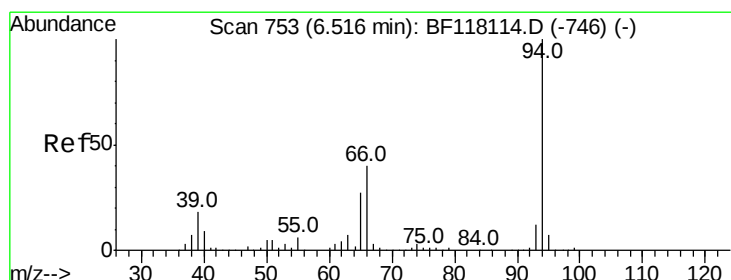
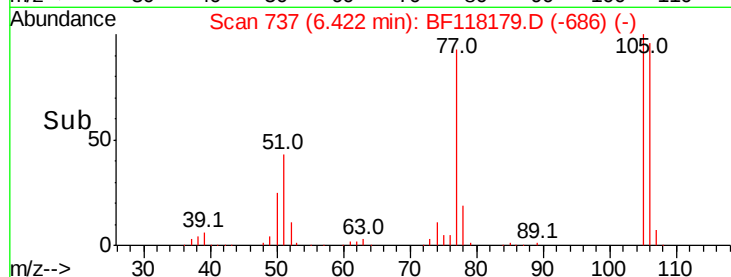
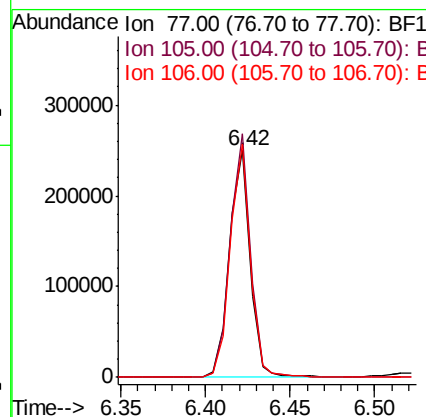
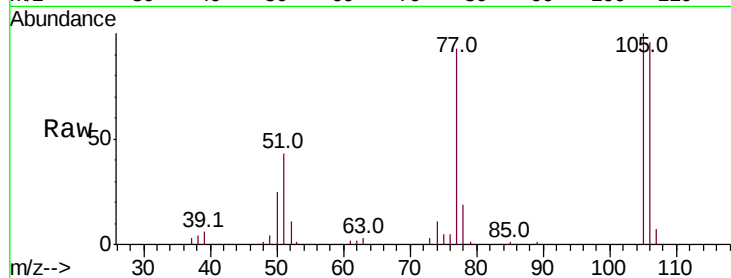
ClientSampleId :

PB125387BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	107.5	86.4	126.4
106	103.2	83.8	123.8

Manual Integrations
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#10

Phenol

Concen: 40.526 ng

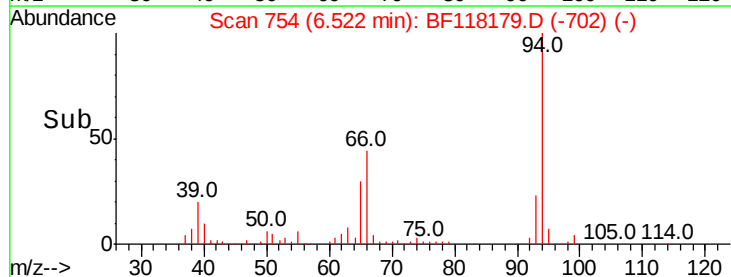
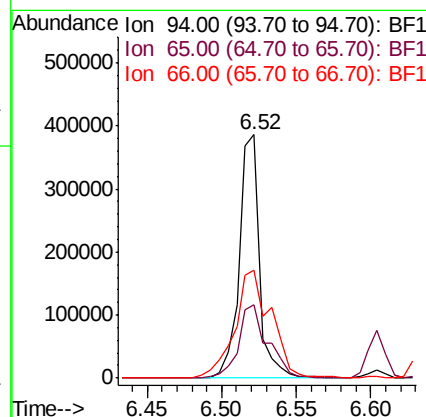
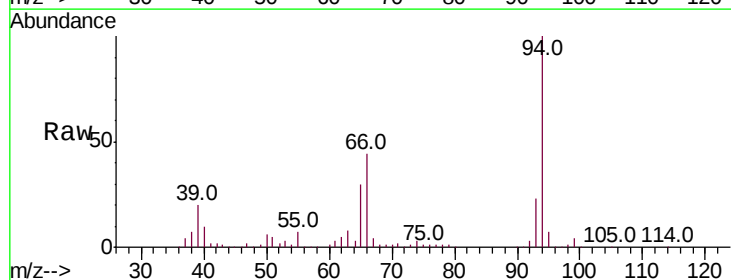
RT: 6.52 min Scan# 754

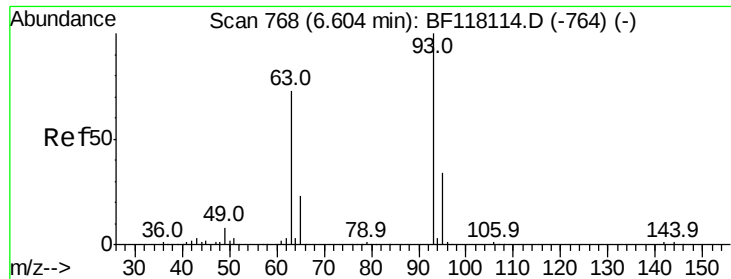
Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	7.3	47.3
66	44.3	20.2	60.2





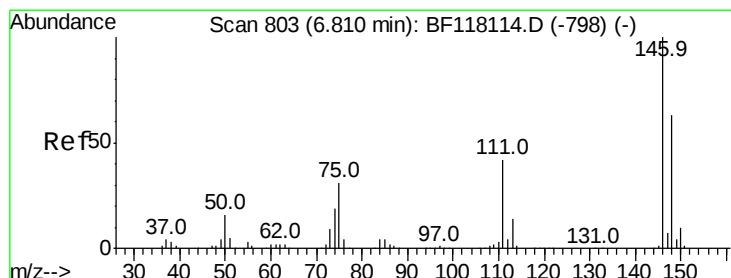
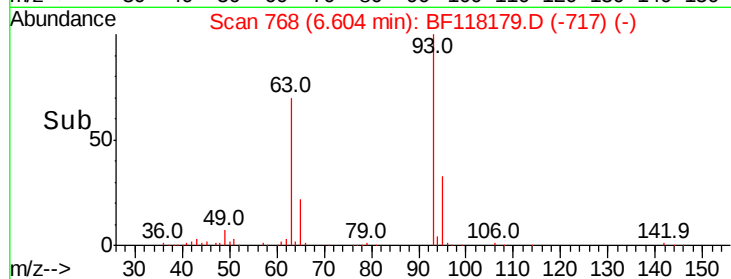
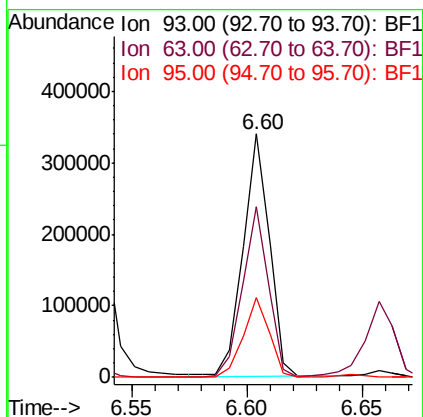
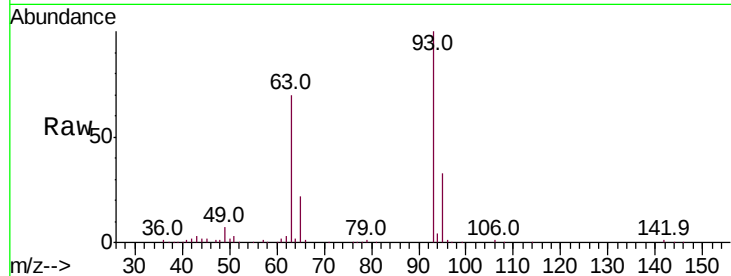
#11
bis(2-Chloroethyl)ether
Concen: 41.130 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	271121		
63	69.8	53.2	93.2	
95	32.8	13.8	53.8	

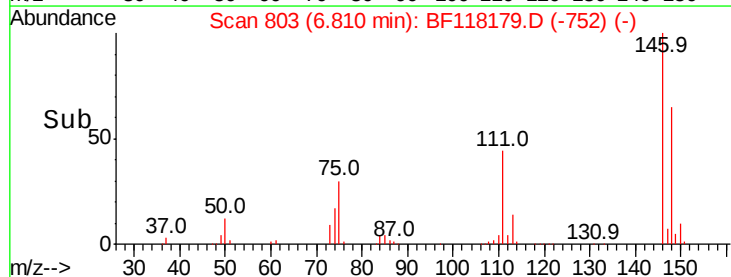
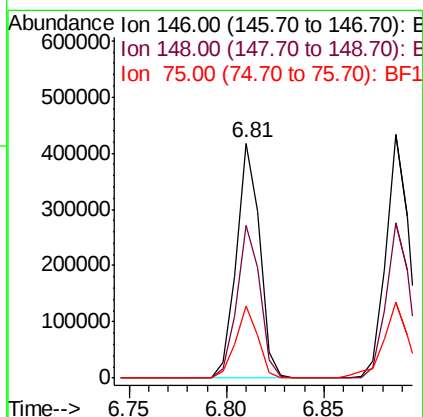
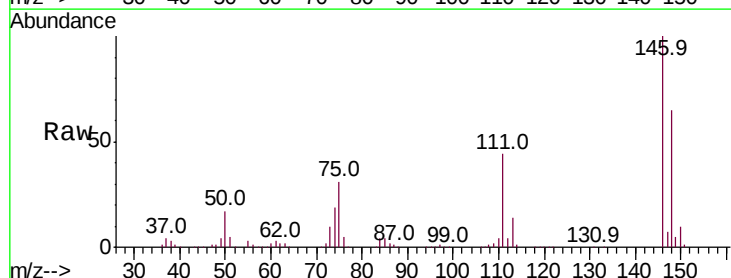
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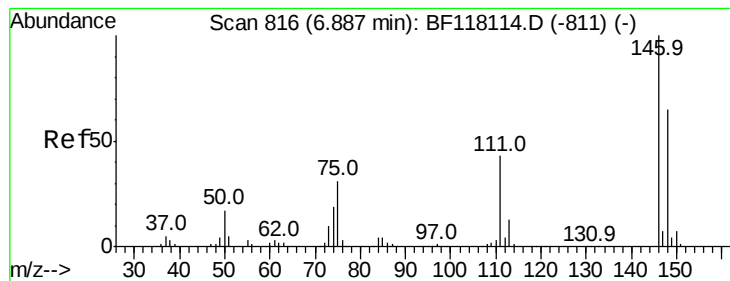
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.739 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	345859		
148	64.9	50.2	75.4	
75	30.7	24.6	37.0	





#13

1,4-Dichlorobenzene

Concen: 40.315 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

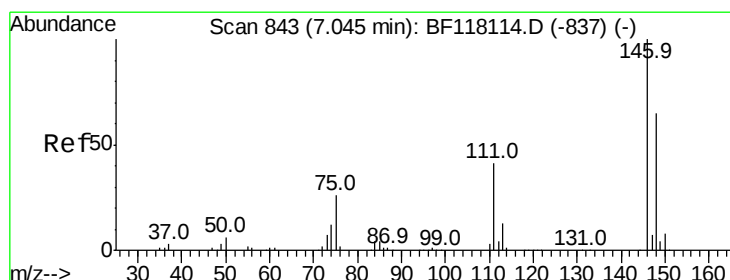
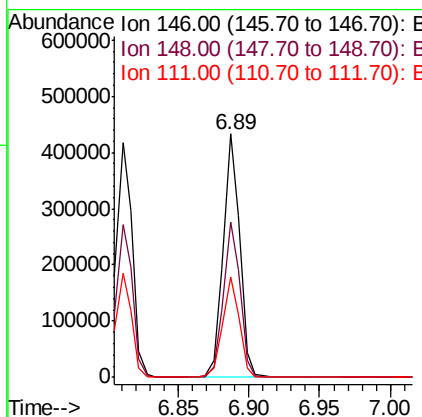
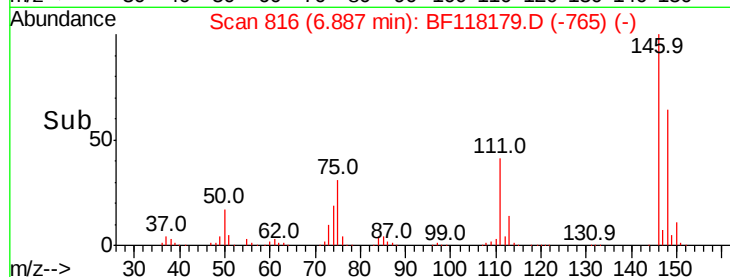
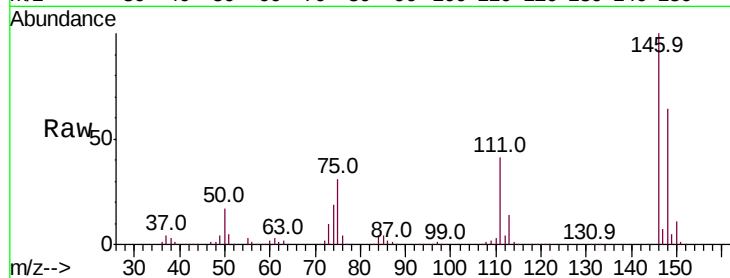
ClientSampled :

PB125387BS

Tot Ion:	146	Resp:	353317
Ion Ratio	Lower	Upper	
146	100		
148	64.0	52.1	78.1
111	41.1	34.6	52.0

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#14

1,2-Dichlorobenzene

Concen: 40.671 ng

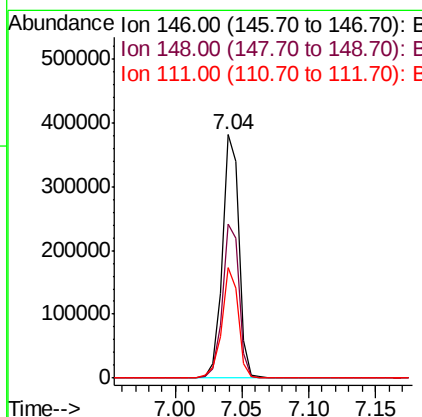
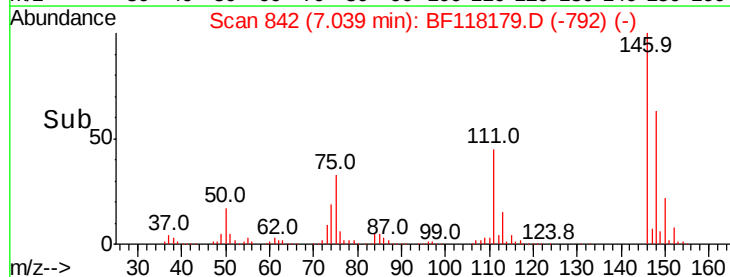
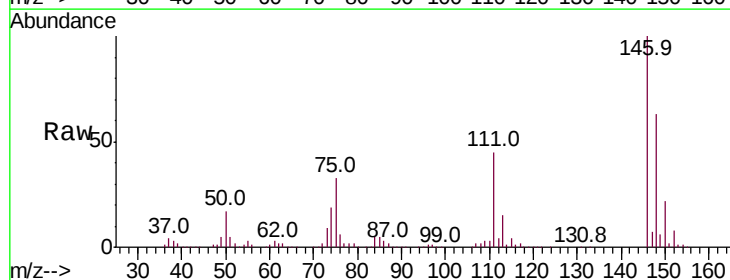
RT: 7.04 min Scan# 842

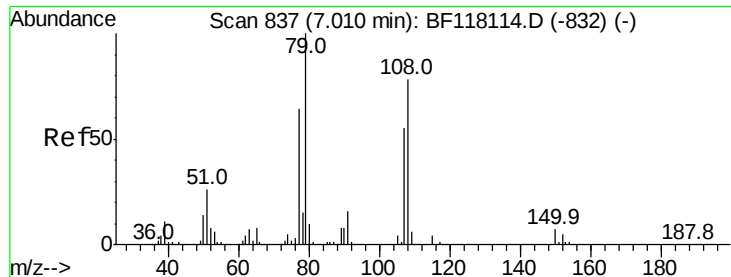
Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	146	Resp:	334734
Ion Ratio	Lower	Upper	
146	100		
148	63.4	52.2	78.2
111	45.4	33.1	49.7





#15

Benzyl Alcohol

Concen: 41.786 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

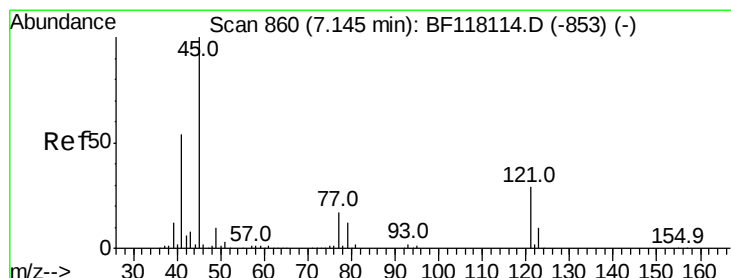
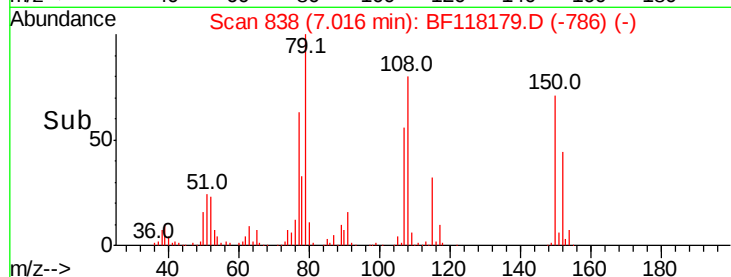
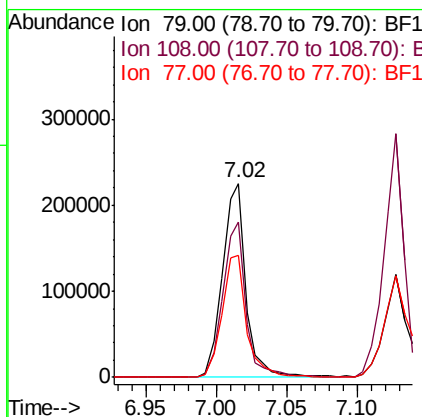
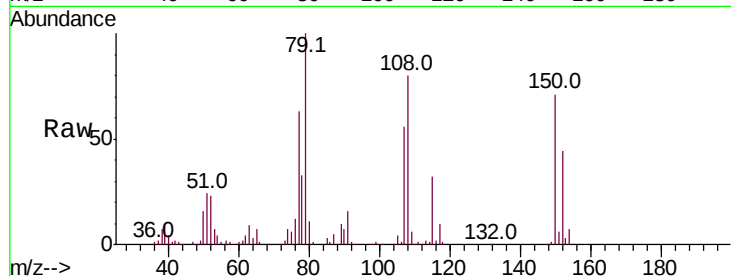
ClientSampleId :

PB125387BS

Tot Ion:	79	Resp:	260682
Ion Ratio	Lower	Upper	
79	100		
108	79.9	62.7	94.1
77	62.8	51.4	77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.578 ng

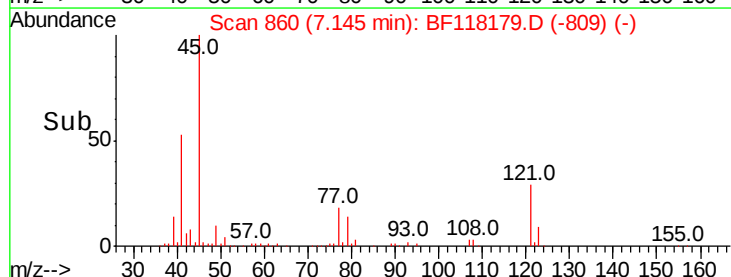
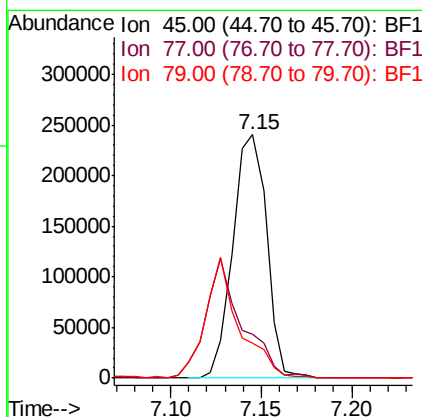
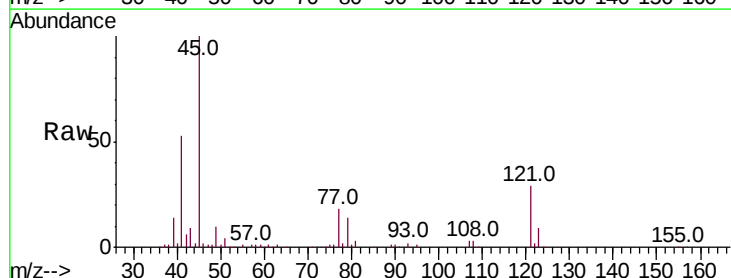
RT: 7.15 min Scan# 860

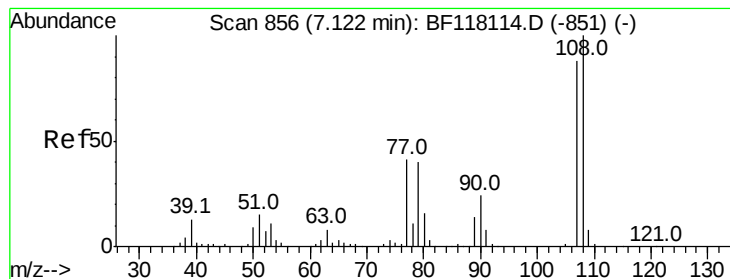
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	45	Resp:	313681
Ion Ratio	Lower	Upper	
45	100		
77	18.1	0.0	38.0
79	14.3	0.0	33.2





#17

2-Methylphenol

Concen: 41.921 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

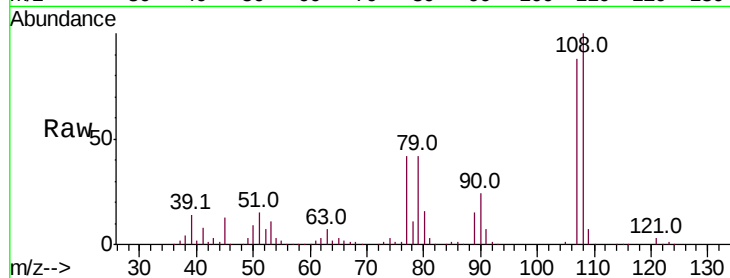
ClientSampled :

PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.1	136.7	
77	47.4	37.8	56.6	
79	47.5	37.0	55.6	

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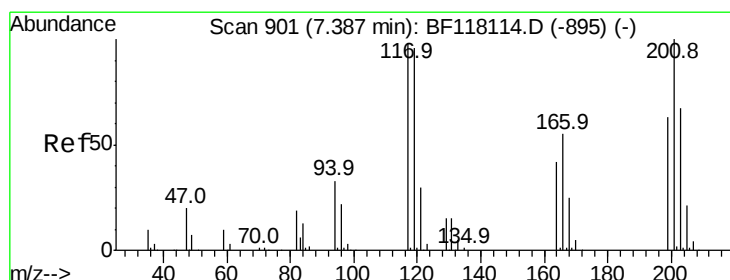
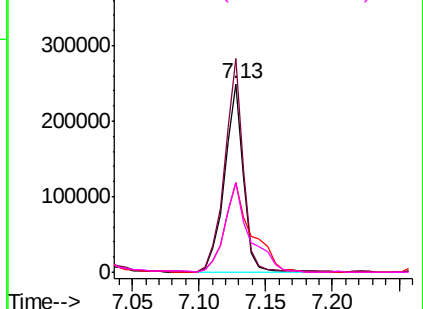
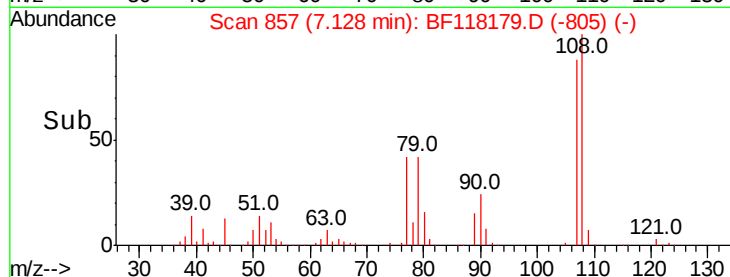
Abundance

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: 39.411 ng

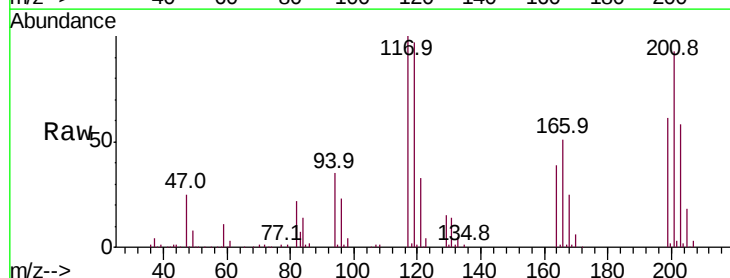
RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	78.2	117.4	
201	93.4	81.6	122.4	

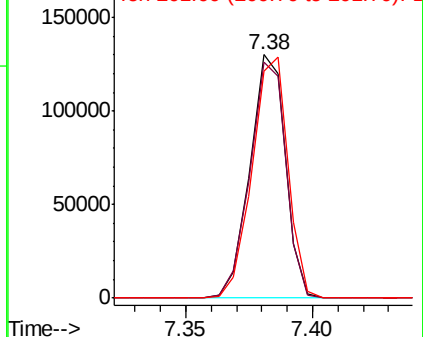
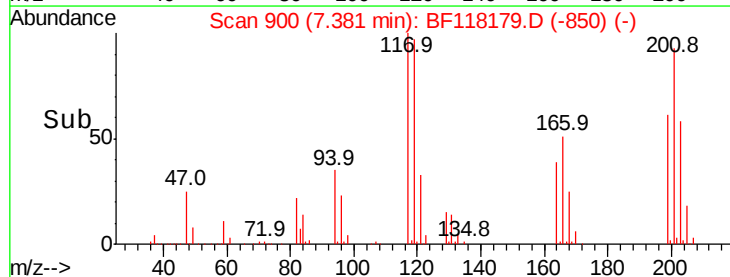


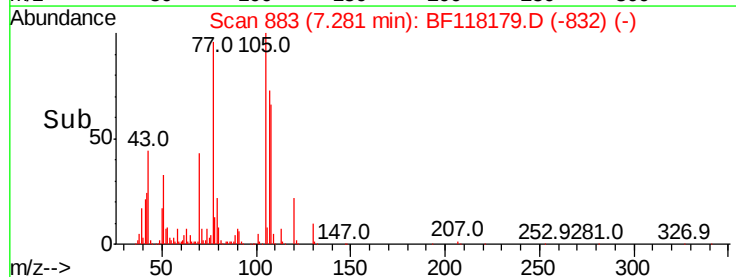
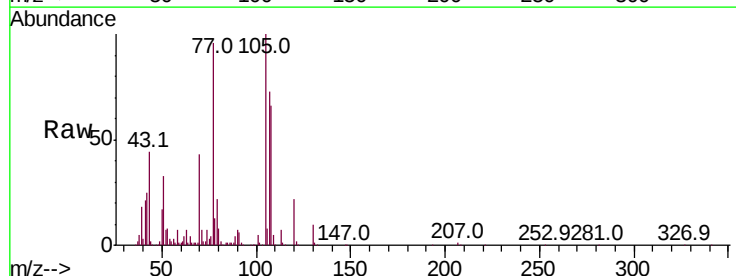
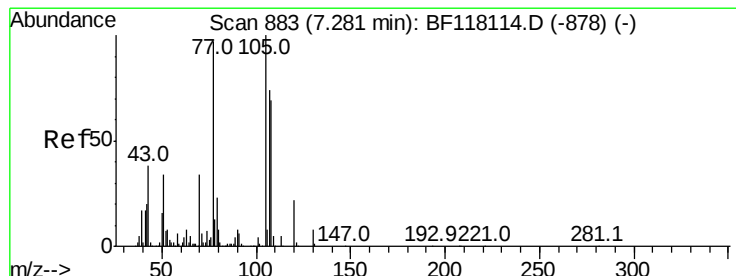
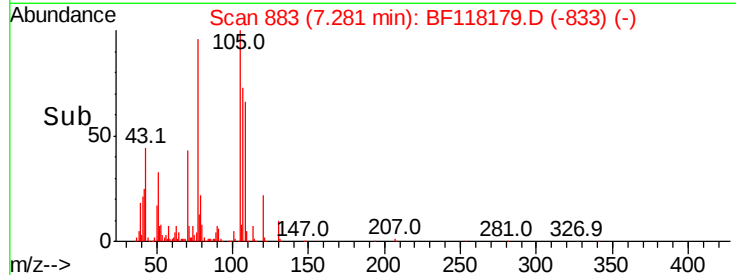
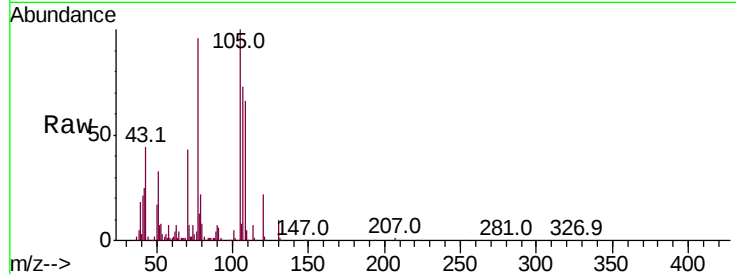
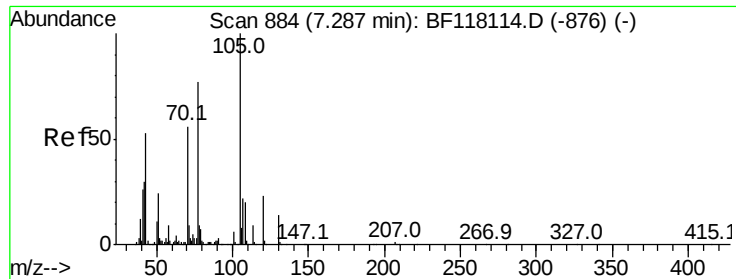
Abundance

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: 42.444 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF118179.D

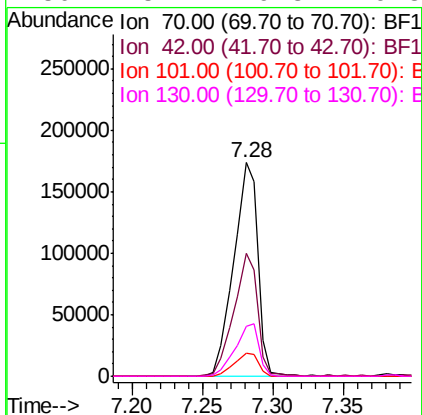
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.8	43.2	64.8
101	10.8	8.1	12.1
130	23.2	19.8	29.8

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#20

3+4-Methylphenols

Concen: 41.808 ng

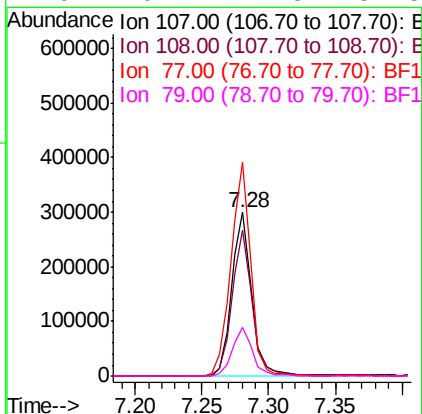
RT: 7.28 min Scan# 883

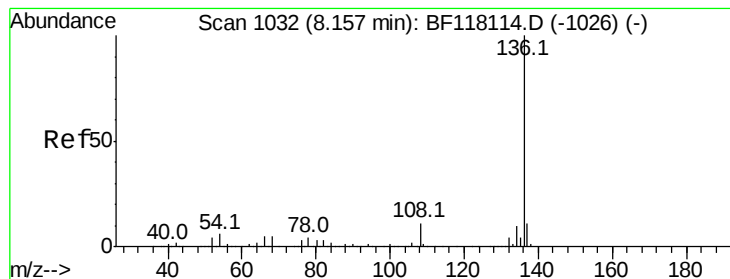
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	73.2	113.2
77	130.6	110.9	150.9
79	29.7	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

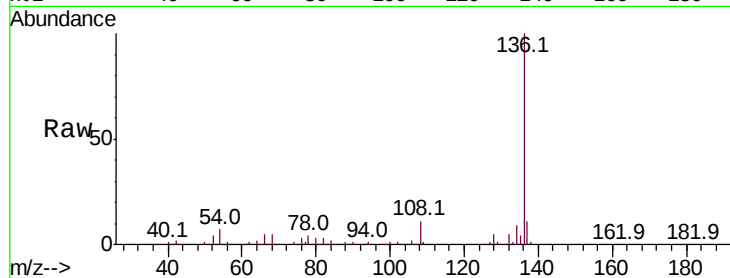
ClientSampleId :

PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	474449		
137	10.9		9.0	13.6
54	6.6		5.0	7.6
68	4.6		3.8	5.8

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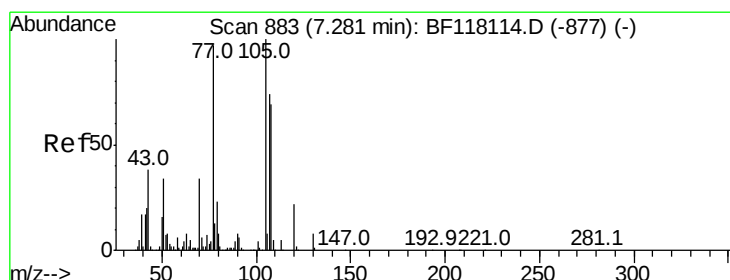
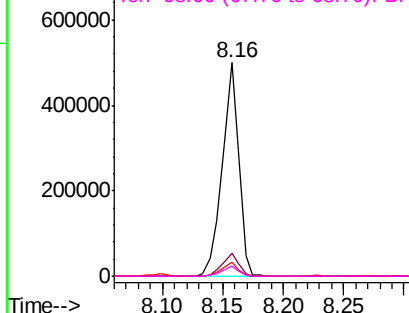
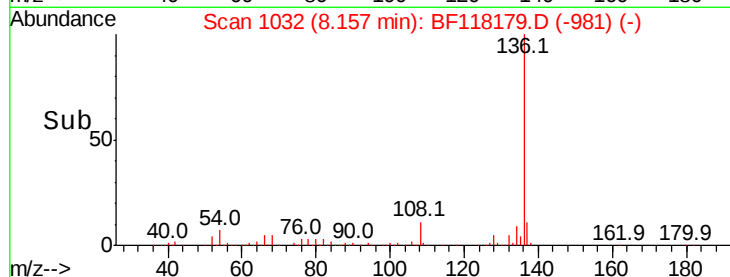
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.305 ng

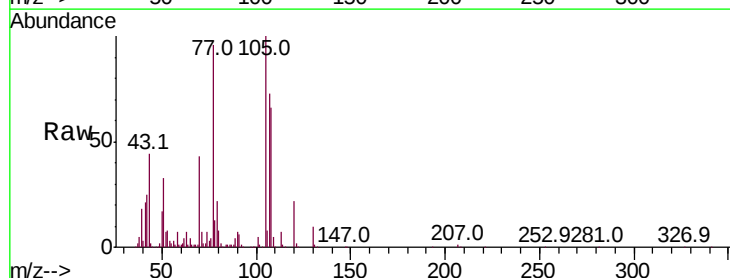
RT: 7.28 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	425217		
71	7.1		4.7	7.1#
51	32.8		27.1	40.7
120	21.9		17.8	26.6



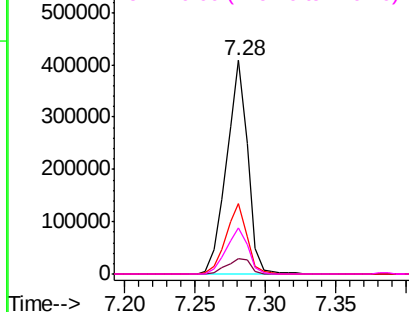
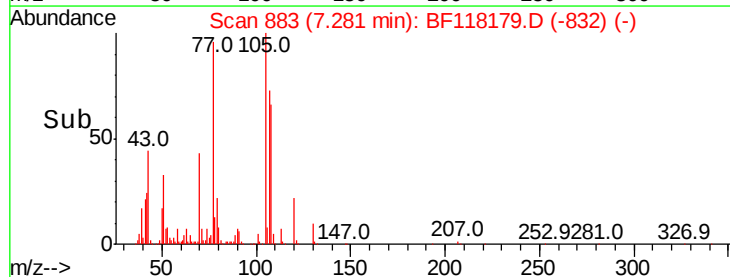
Abundance

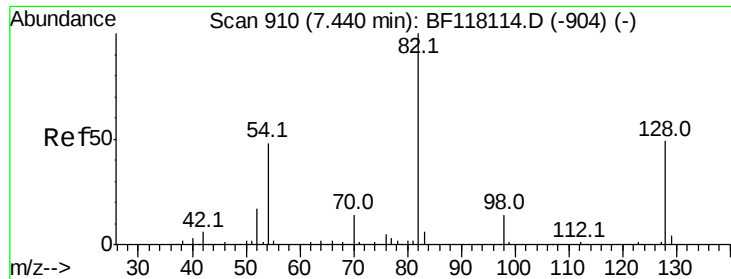
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





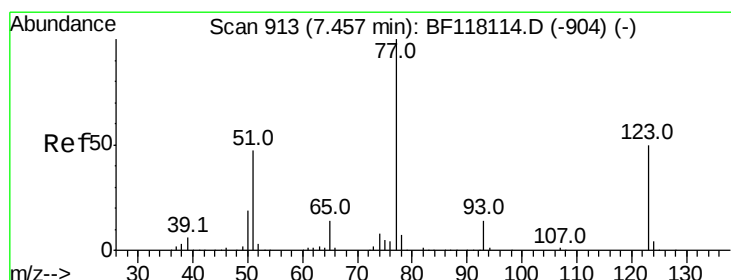
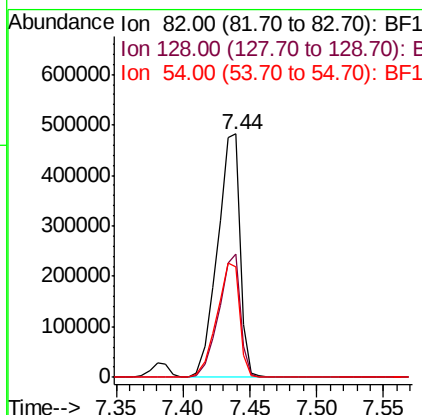
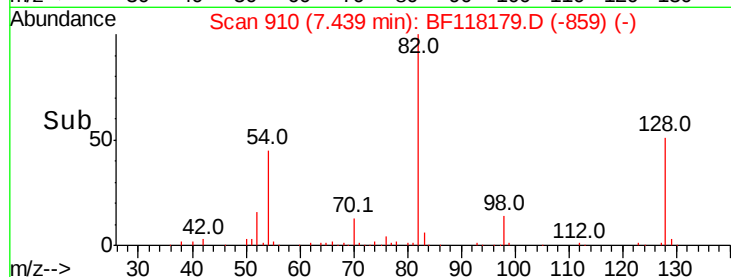
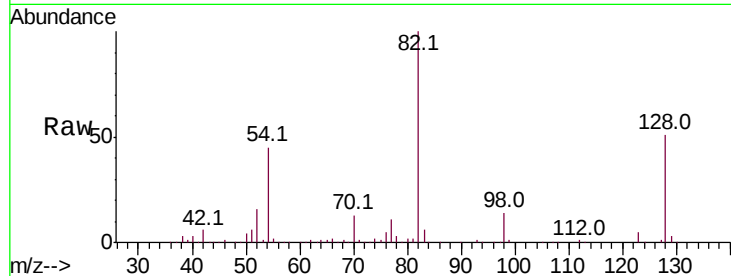
#23
 Nitrobenzene-d5
 Concen: 68.904 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.8	39.1	58.7
54	45.2	38.2	57.2

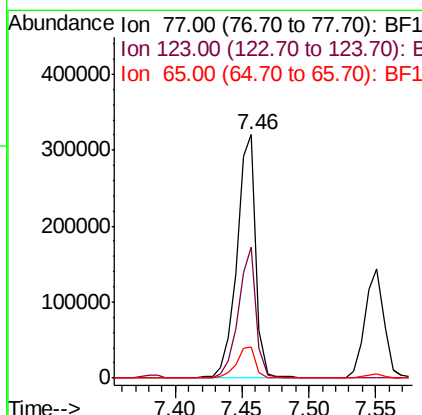
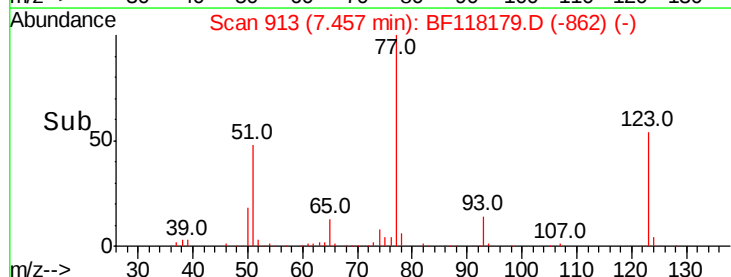
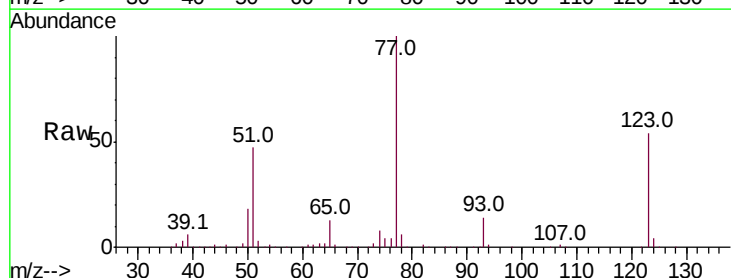
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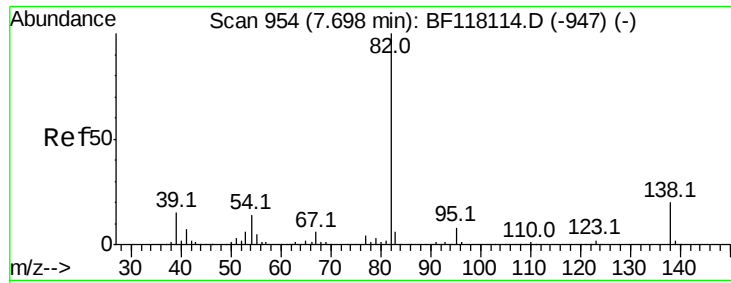
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#24
 Nitrobenzene
 Concen: 38.004 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	40.1	60.1
65	13.0	10.9	16.3





#25

Isophorone

Concen: 39.183 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

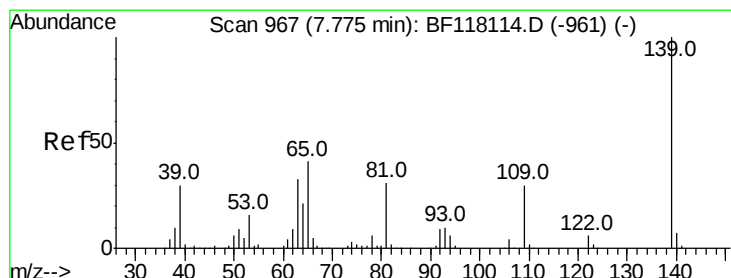
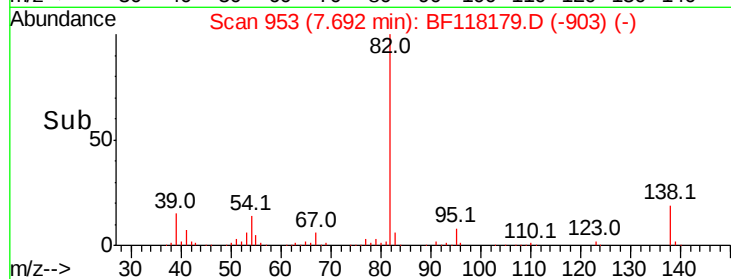
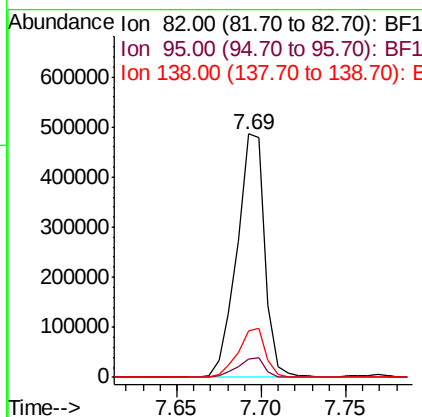
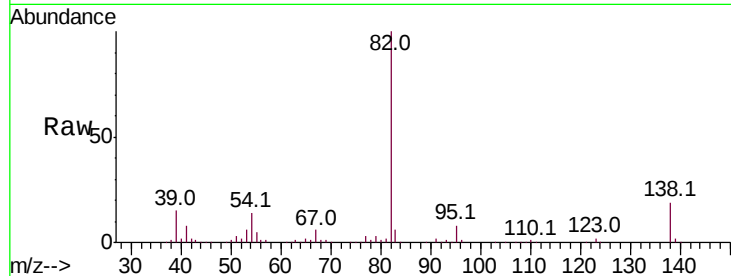
ClientSampleId :

PB125387BS

Tot Ion:	82	Resp:	560187
Ion Ratio		Lower	Upper
82	100		
95	7.6	6.3	9.5
138	19.3	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.595 ng

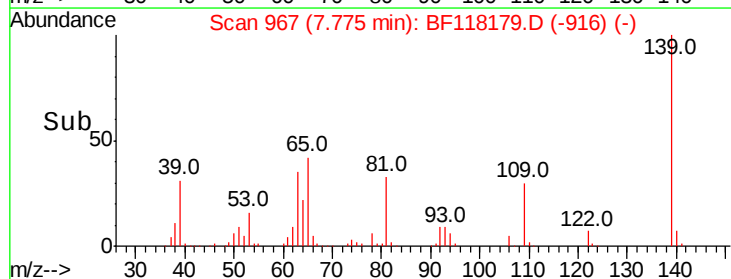
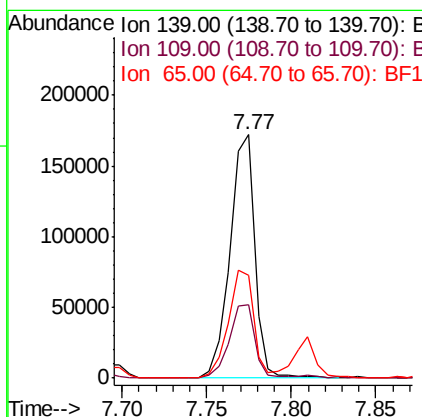
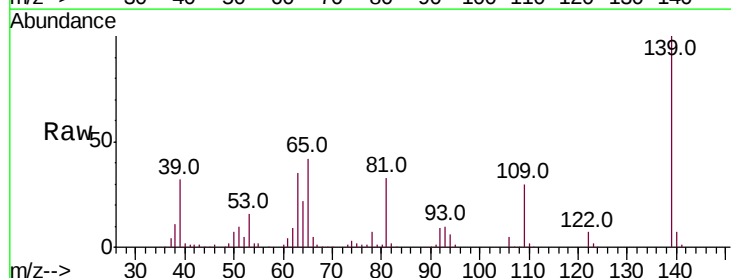
RT: 7.77 min Scan# 967

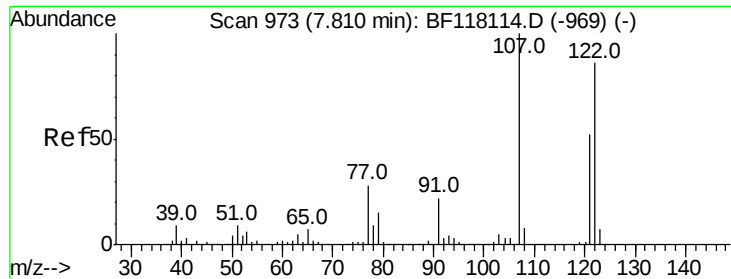
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	139	Resp:	175352
Ion Ratio		Lower	Upper
139	100		
109	30.4	23.9	35.9
65	42.1	33.0	49.6





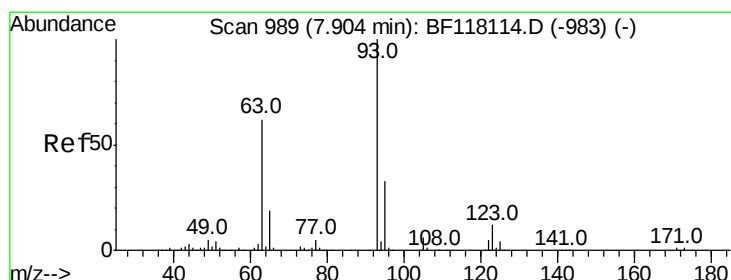
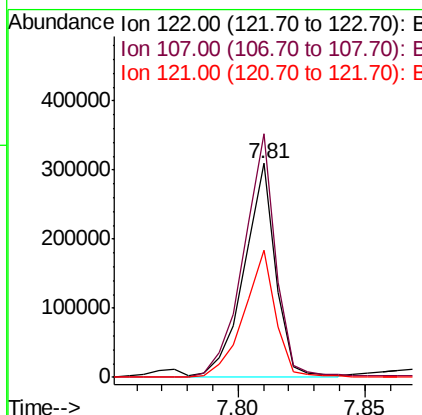
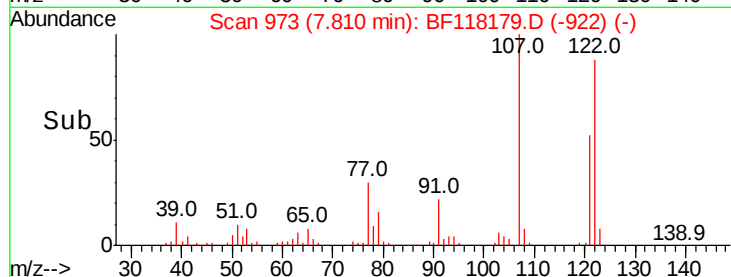
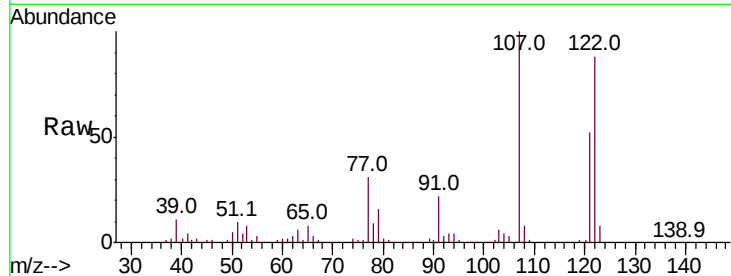
#27
2,4-Dimethylphenol
Concen: 45.290 ng
RT: 7.81 min Scan# 973
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	267543		
107	113.9	92.9	139.3	
121	59.3	48.3	72.5	

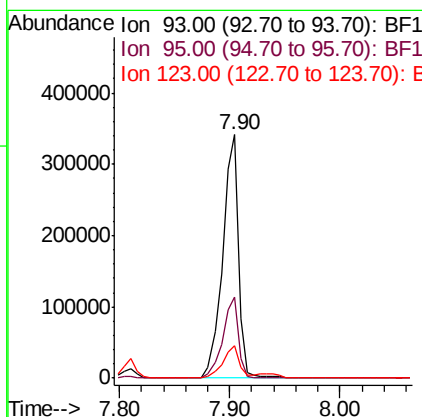
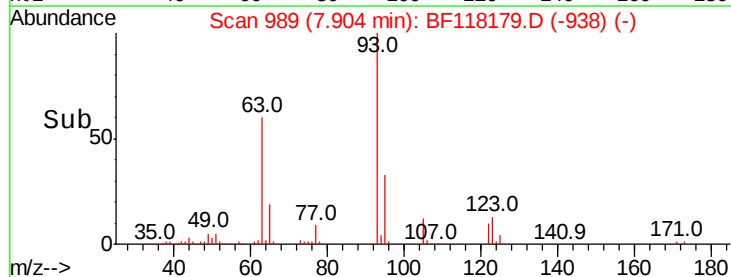
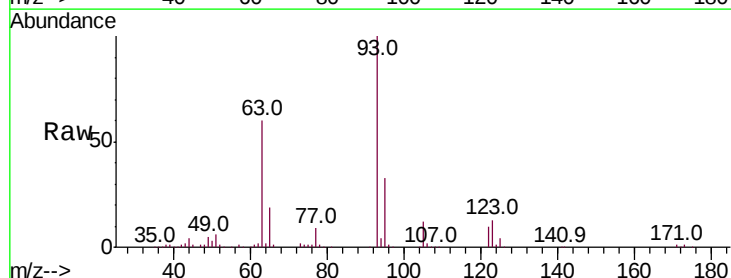
Manual Integrations
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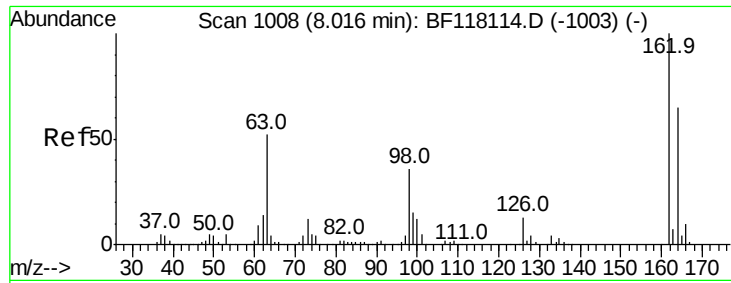
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 36.775 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	343546		
95	33.1	26.7	40.1	
123	13.2	10.0	15.0	





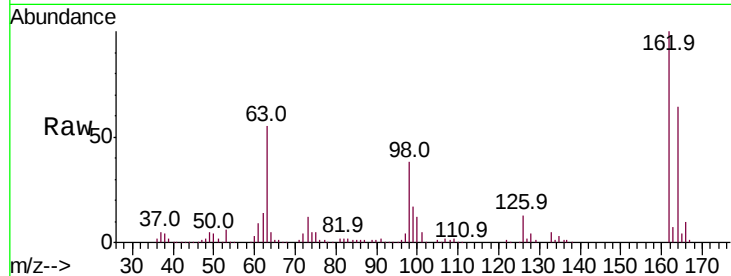
#29
2,4-Dichlorophenol
Concen: 38.982 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

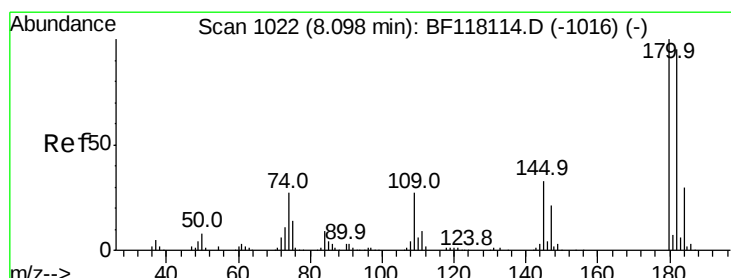
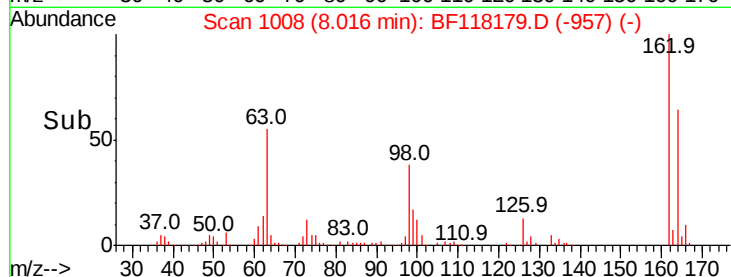
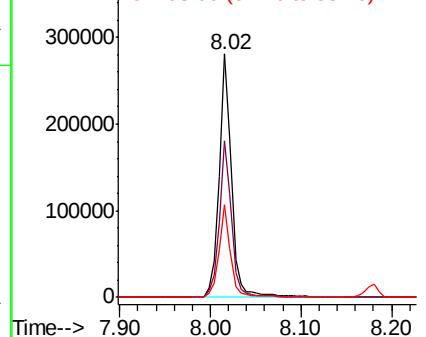
Tot Ion	Ratio	Resp	Lower	Upper
162	100	268458		
164	64.2	45.2	85.2	
98	38.2	15.9	55.9	

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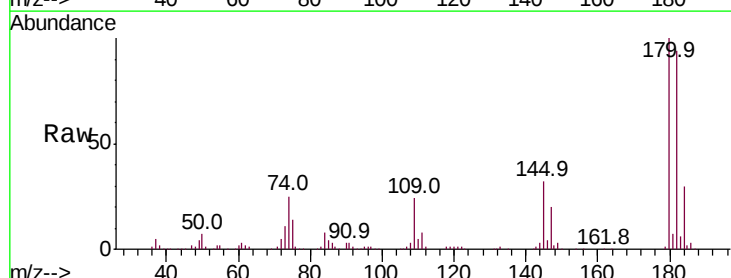


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

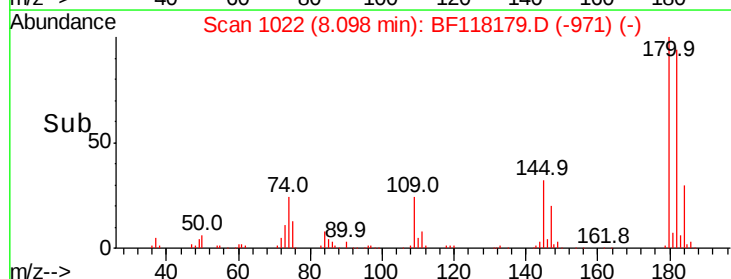
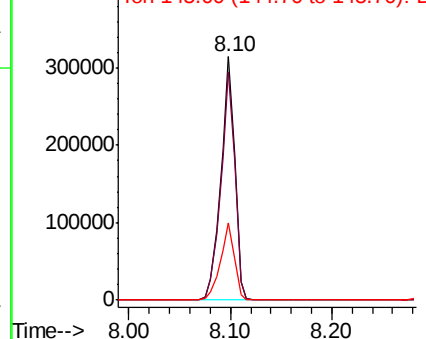


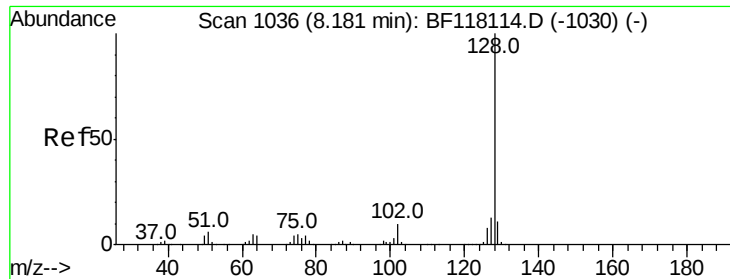
#30
1,2,4-Trichlorobenzene
Concen: 37.540 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	302123		
182	93.6	76.1	114.1	
145	31.8	26.1	39.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





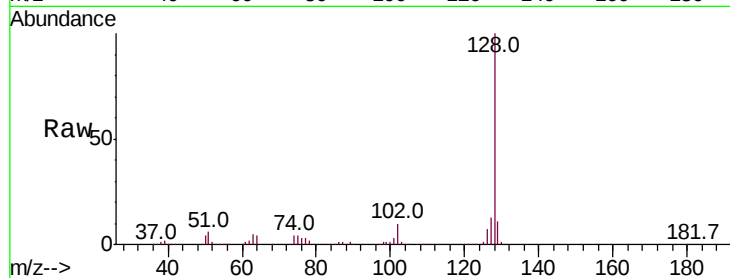
#31
Naphthalene
Concen: 39.188 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.1	13.7	
127	13.2	10.6	16.0	

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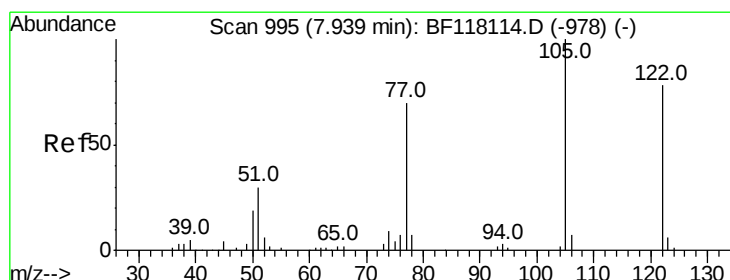
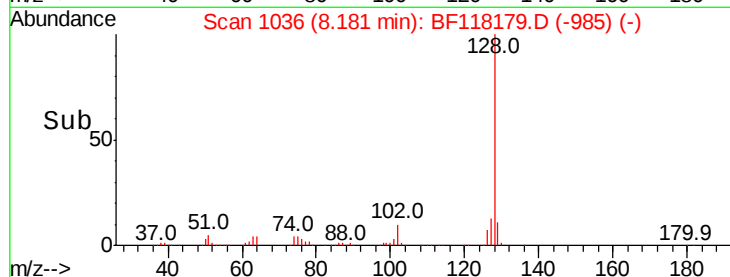
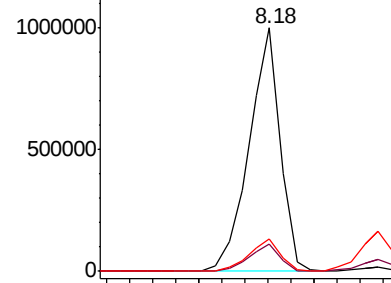


Abundance

Ion 128.00 (127.70 to 128.70): E

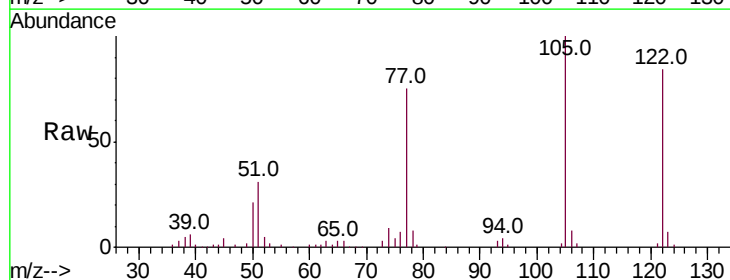
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.055 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	119.1	104.7	144.7	
77	88.8	69.1	109.1	

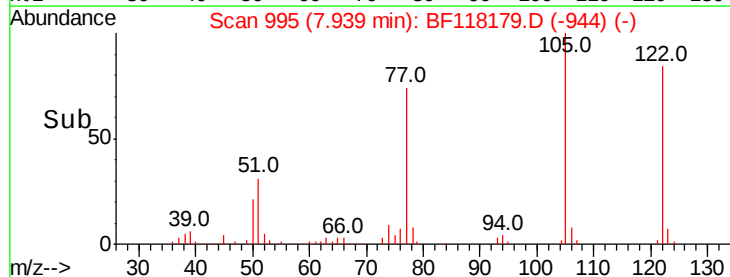
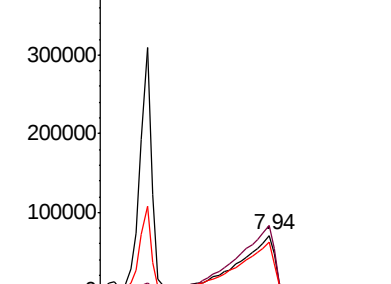


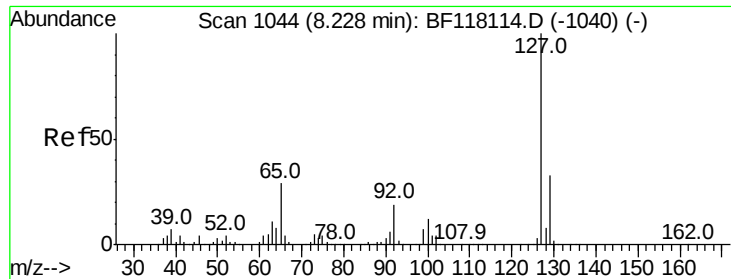
Abundance

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





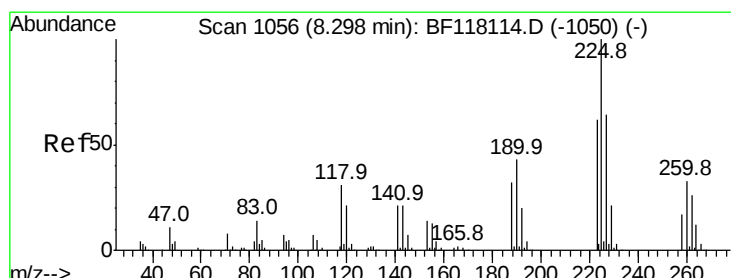
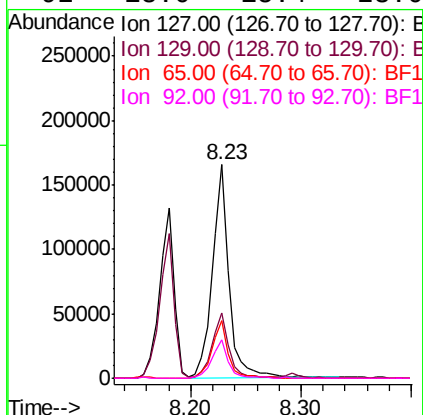
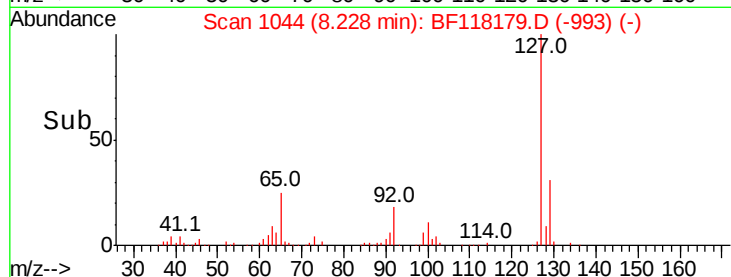
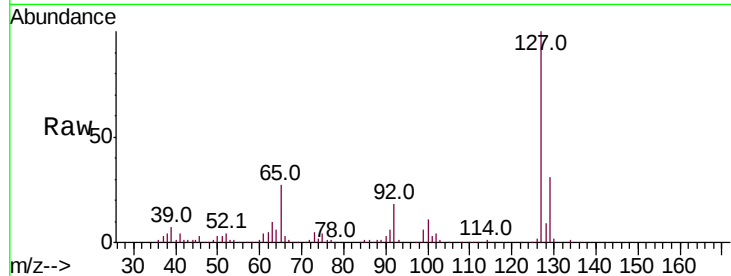
#33
4-Chloroaniline
Concen: 16.579 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	30.8	26.6	40.0	
65	26.8	23.2	34.8	
92	18.0	15.4	23.0	

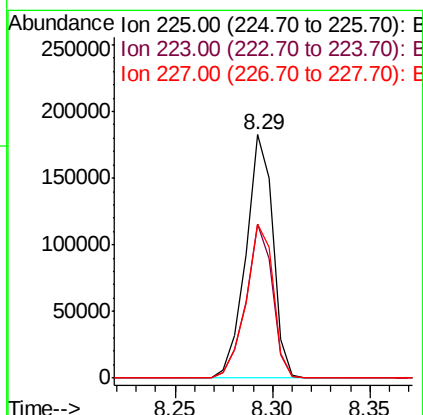
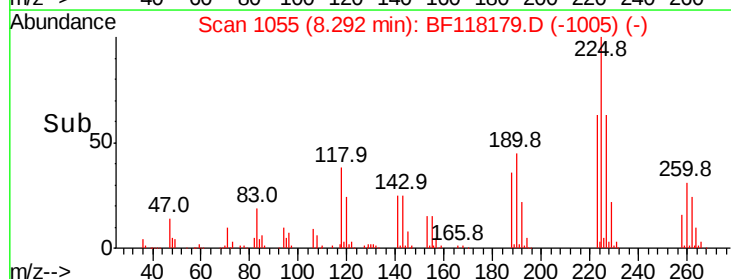
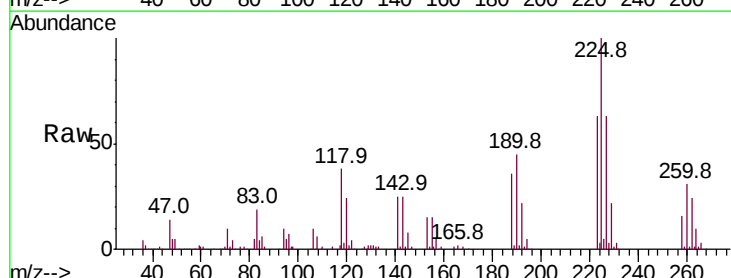
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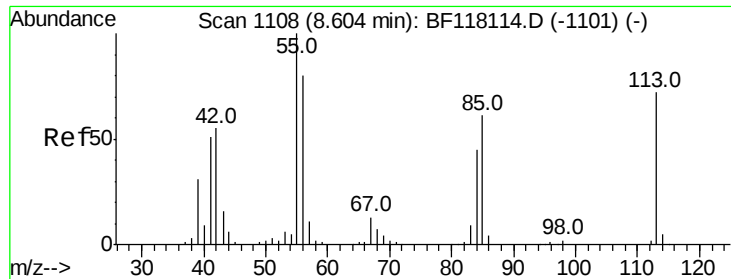
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#34
Hexachlorobutadiene
Concen: 36.253 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	49.6	74.4	
227	63.4	51.0	76.6	





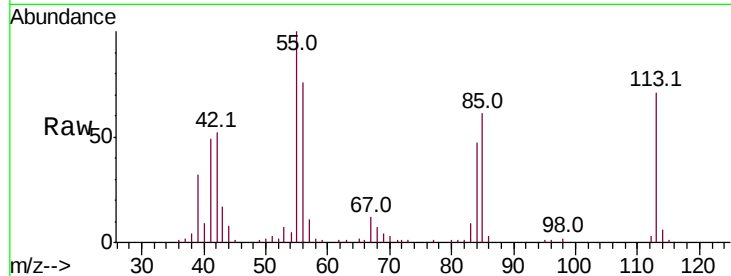
#35
 Caprolactam
 Concen: 39.069 ng/ml
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	141.2		118.9	158.9	
56	108.0		91.4	131.4	

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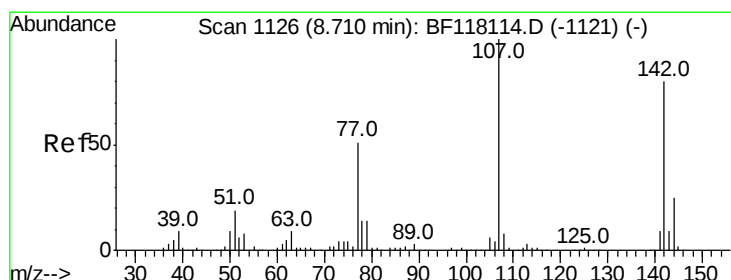
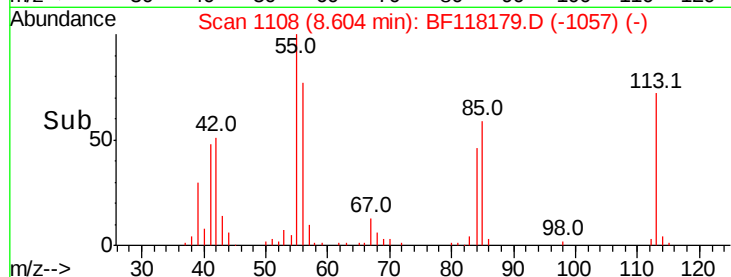
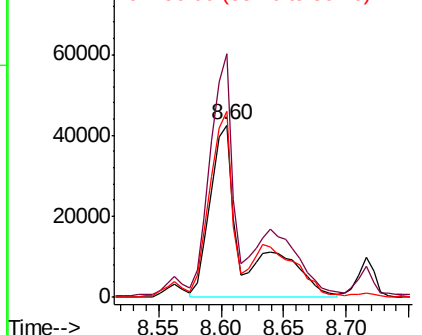


Abundance

Ion 113.00 (112.70 to 113.70): E

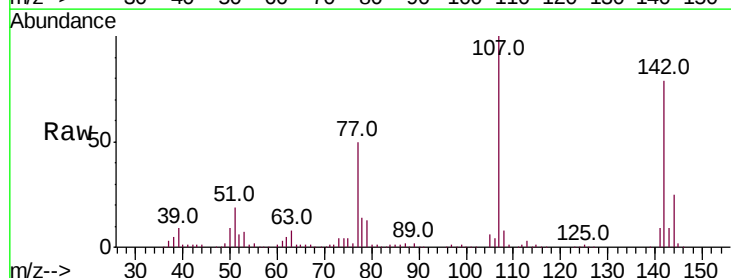
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 38.983 ng/ml
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.9		20.3	30.5	
142	79.5		63.7	95.5	

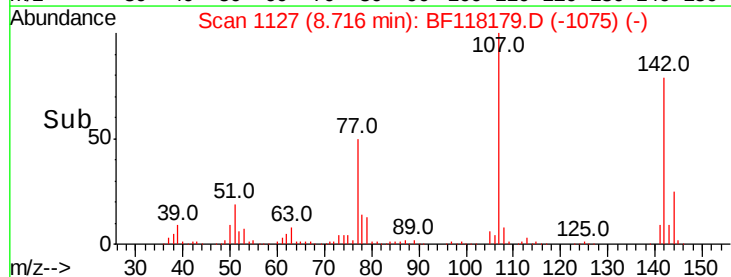
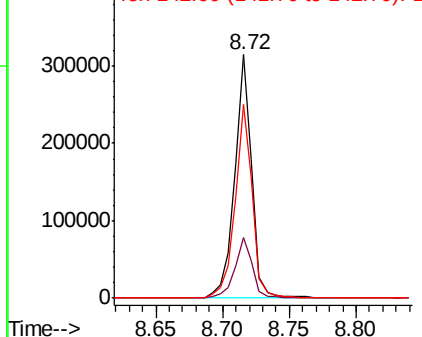


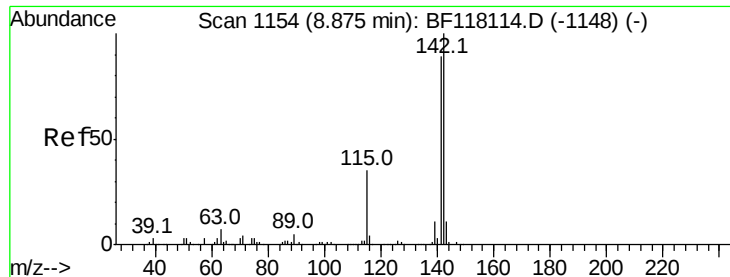
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





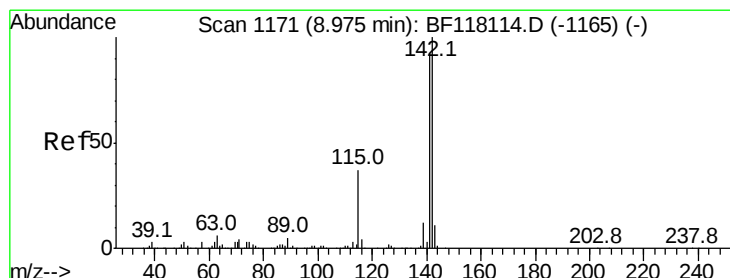
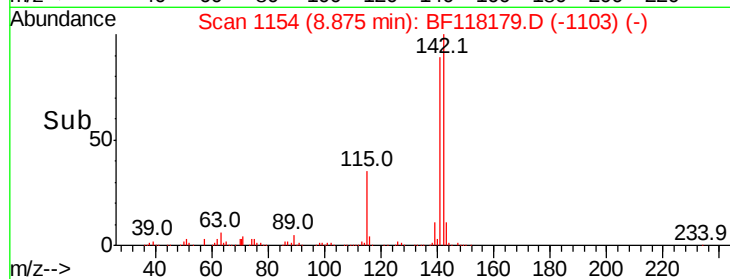
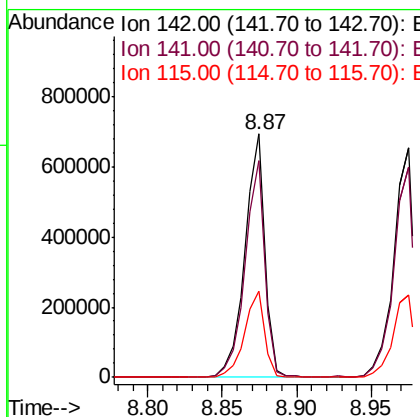
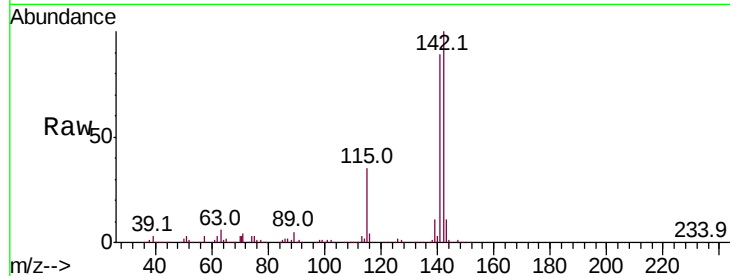
#37
2-Methylnaphthalene
Concen: 39.803 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	642080		
141	89.2	71.4	107.0	
115	35.3	28.2	42.4	

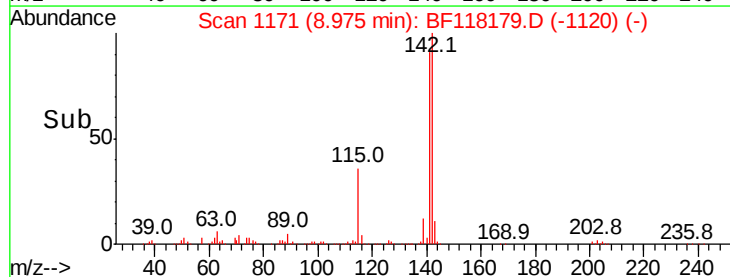
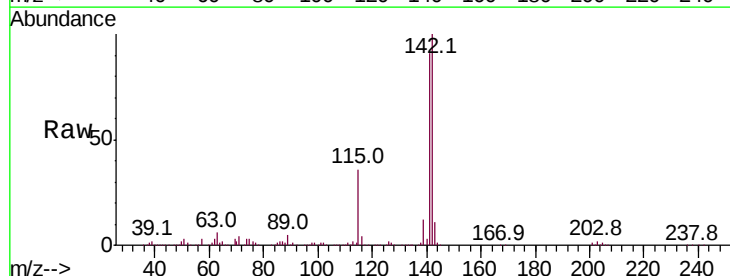
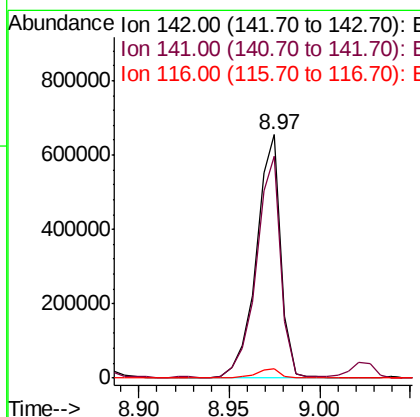
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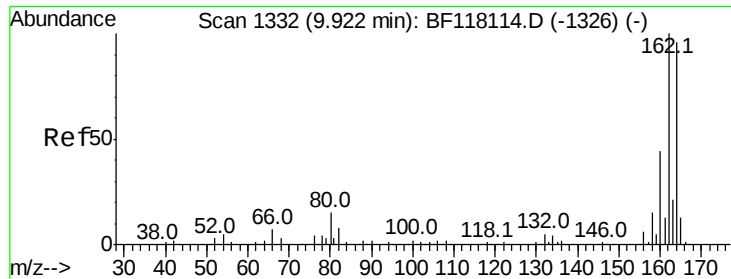
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#38
1-Methylnaphthalene
Concen: 40.232 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	609375		
141	91.3	74.0	111.0	
116	3.6	3.2	4.8	





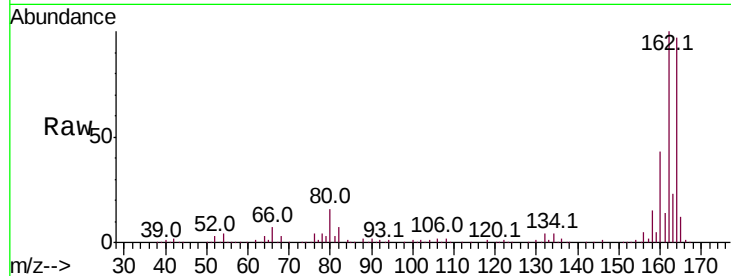
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	255675		
162	103.2	83.4	125.0	
160	44.8	36.6	54.8	

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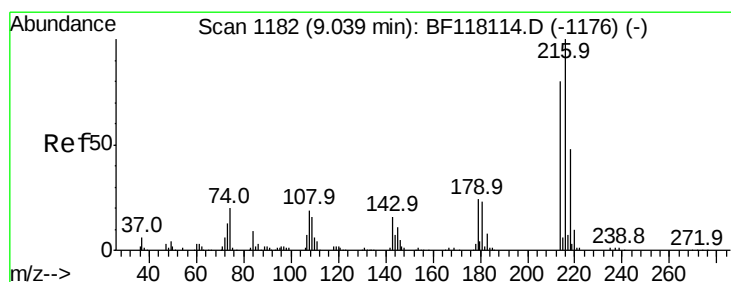
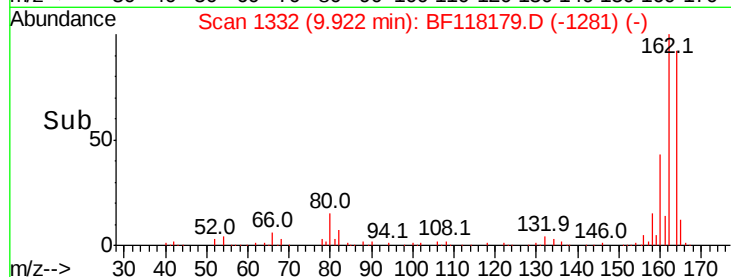
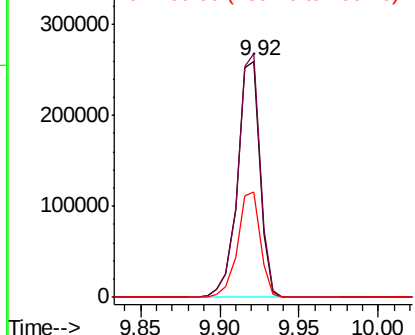


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.297 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	281135		
214	78.1	63.4	95.2	
179	22.9	18.6	27.8	
108	21.3	15.4	23.0	

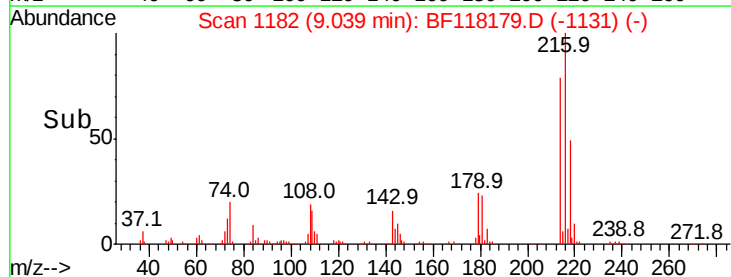
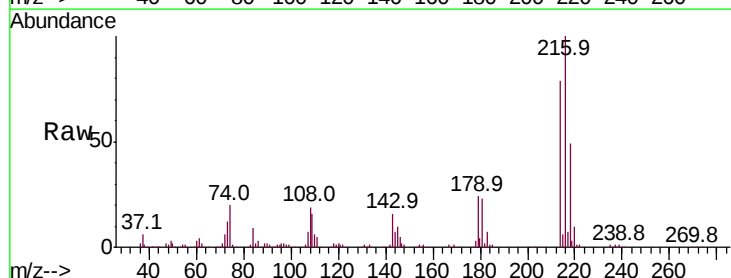
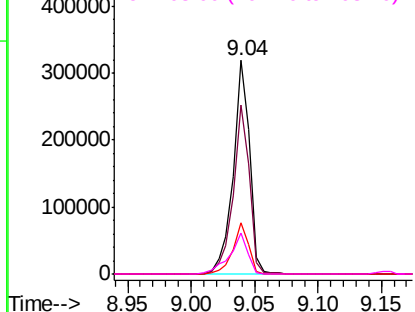
Abundance

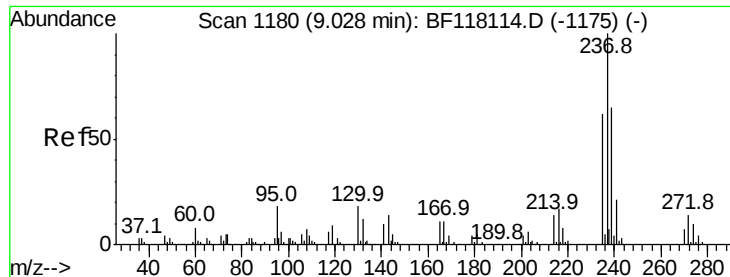
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.828 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

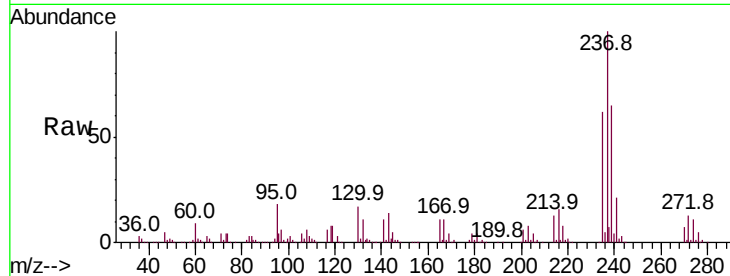
ClientSampleId :

PB125387BS

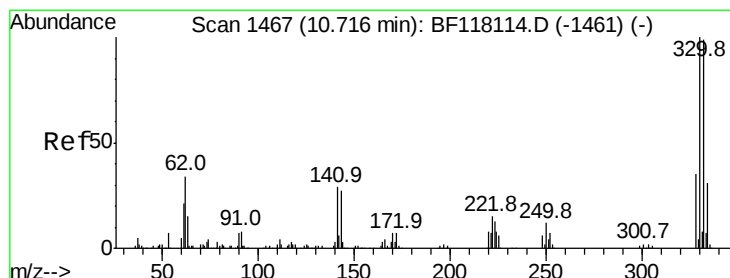
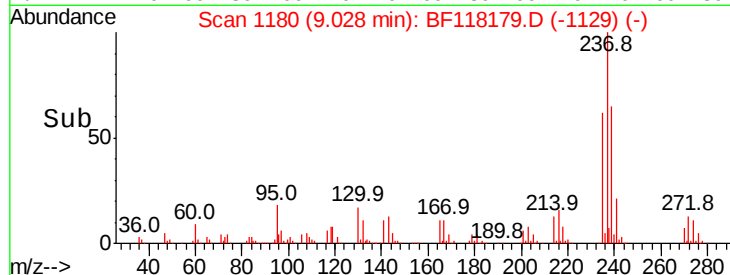
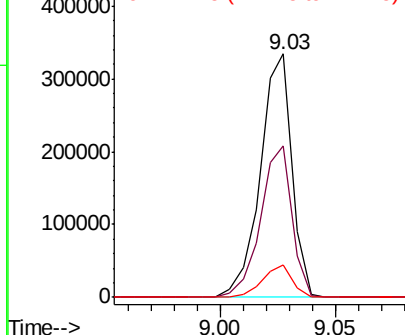
Tot Ion:	237	Resp:	318668
Ion Ratio	Lower	Upper	
237	100		
235	62.3	41.5	81.5
272	13.3	0.0	33.7

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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: 102.139 ng

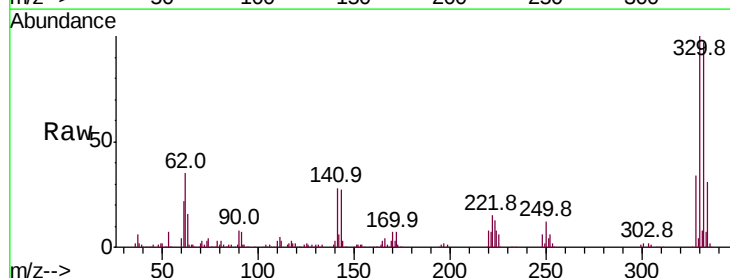
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

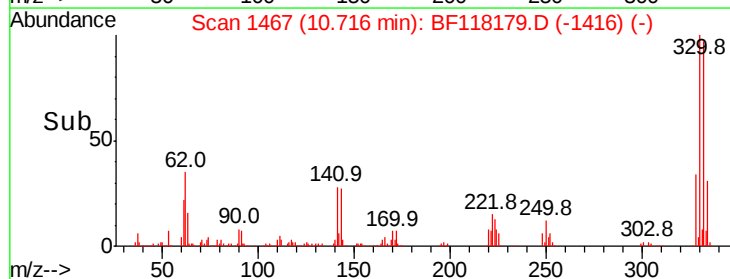
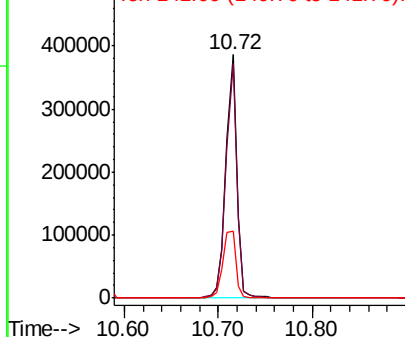
Lab File: BF118179.D

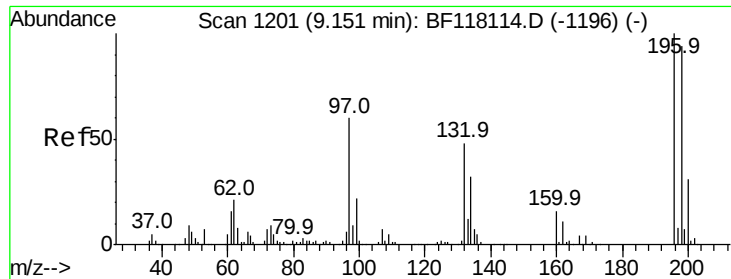
Acq: 13 Dec 2019 11:53

Tgt Ion:	330	Resp:	317243
Ion Ratio	Lower	Upper	
330	100		
332	95.7	78.1	117.1
141	32.7	26.9	40.3



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





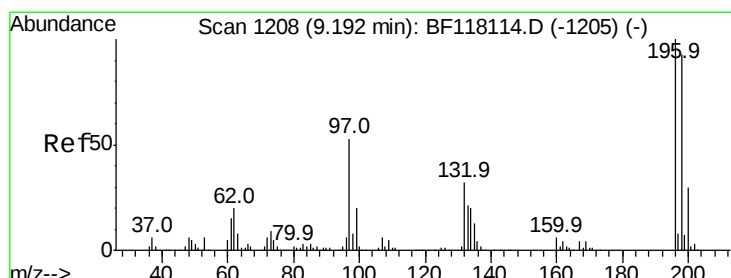
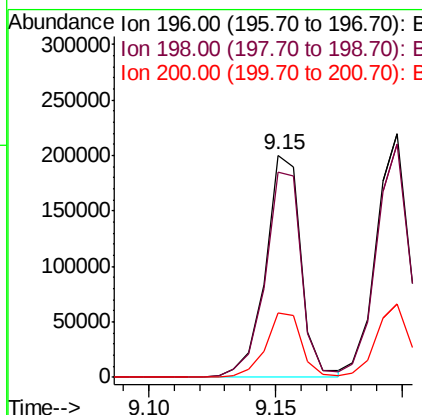
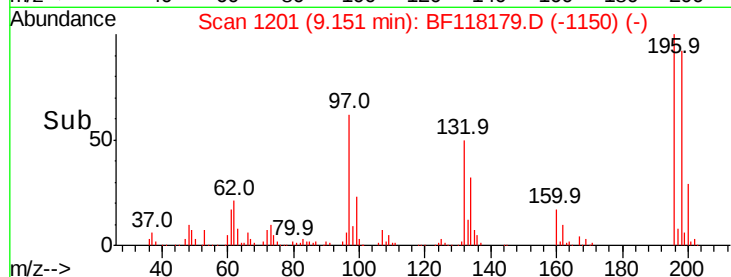
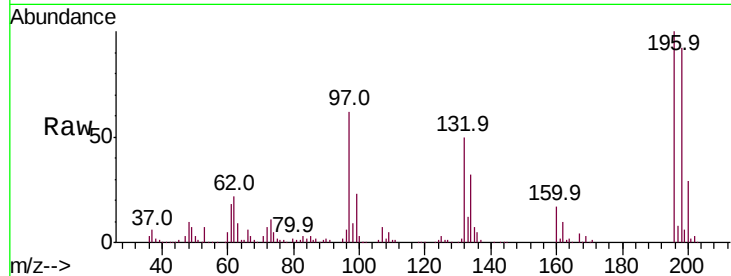
#43
 2,4,6-Trichlorophenol
 Concen: 37.972 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampled :
 PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196371		
198	92.1	75.0	112.4	
200	29.0	24.5	36.7	

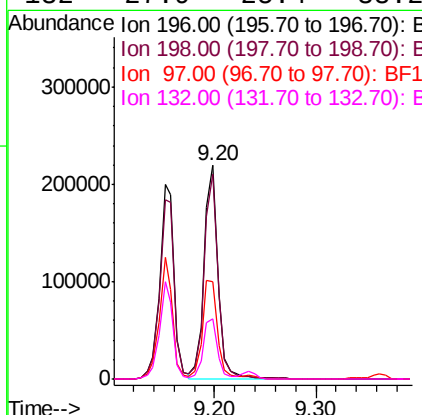
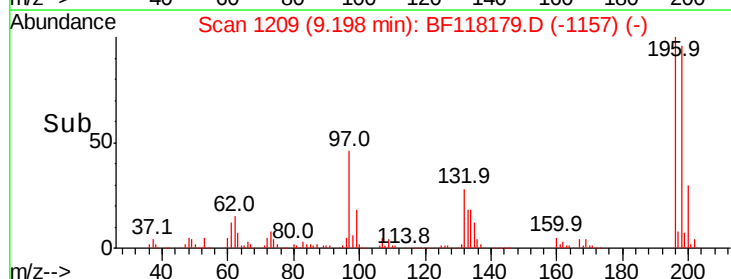
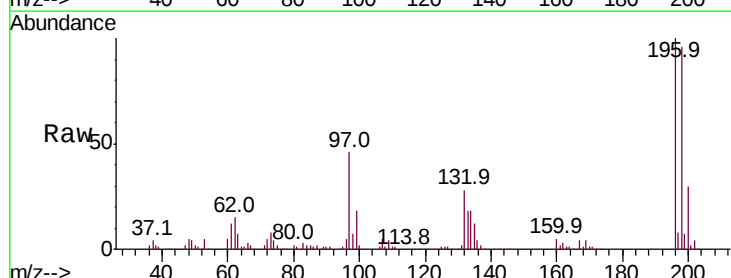
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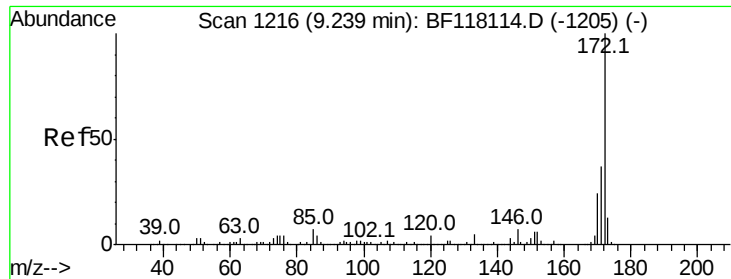
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.141 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	209711		
198	95.9	74.2	111.4	
97	45.8	42.5	63.7	
132	27.9	25.4	38.2	





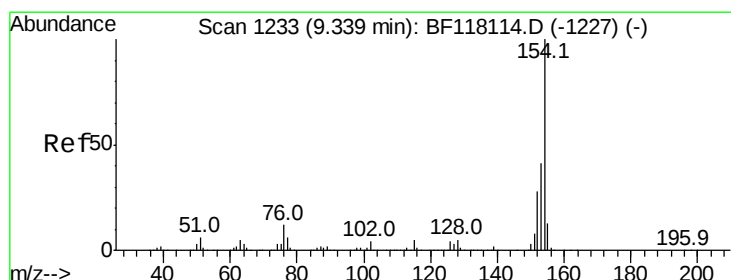
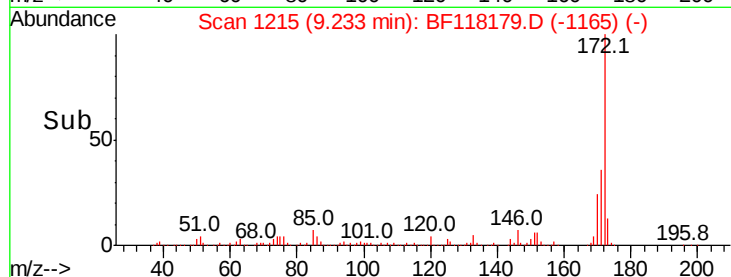
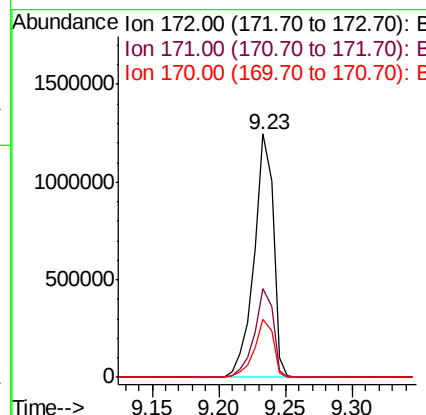
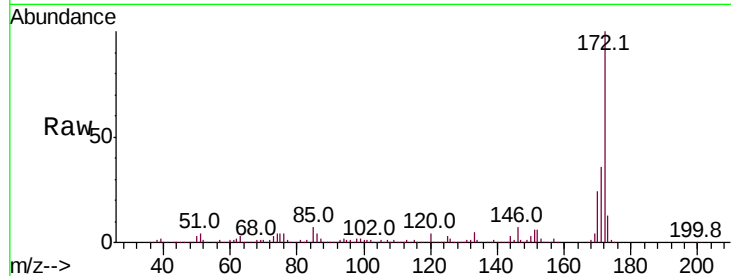
#45
2-Fluorobiphenyl
Concen: 72.672 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	23.7	19.4	29.2

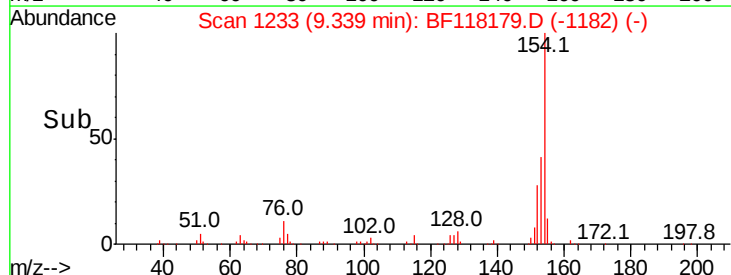
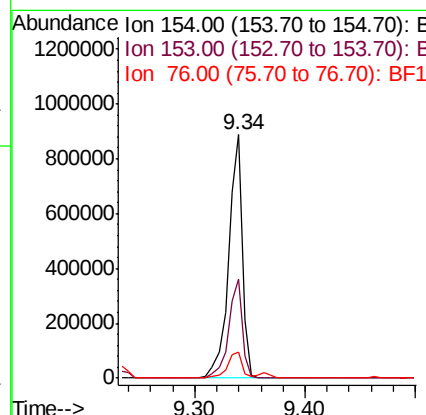
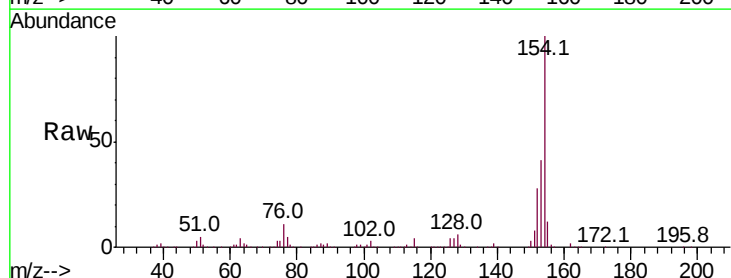
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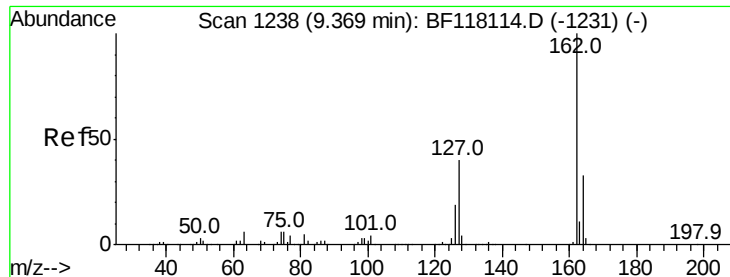
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#46
1,1'-Biphenyl
Concen: 38.188 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	10.5	0.0	31.9





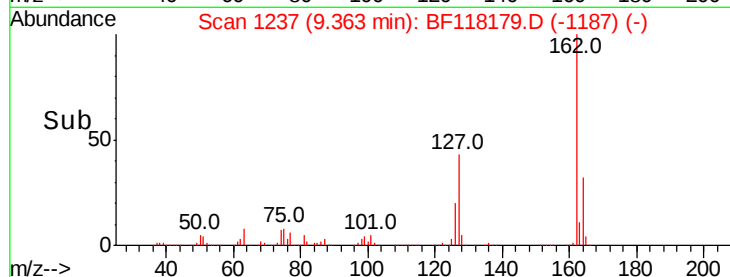
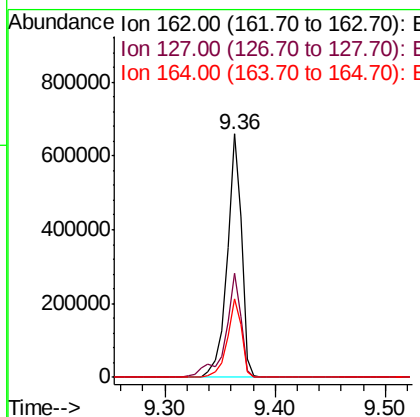
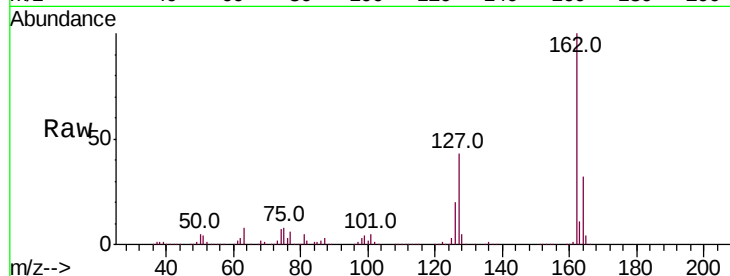
#47
2-Chloronaphthalene
Concen: 37.009 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	600319		
127	42.7		32.0	48.0
164	32.2		26.1	39.1

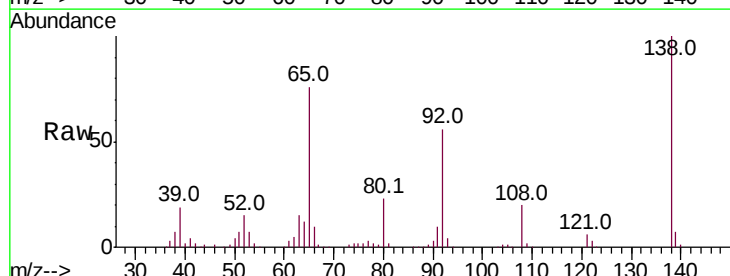
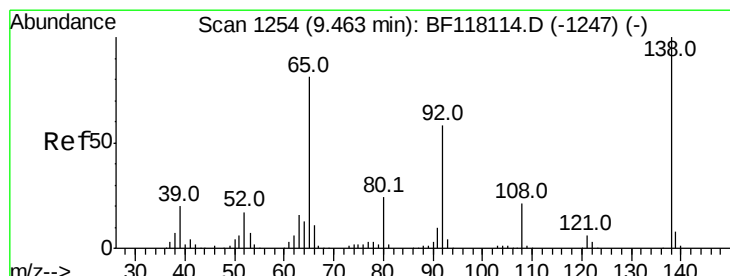
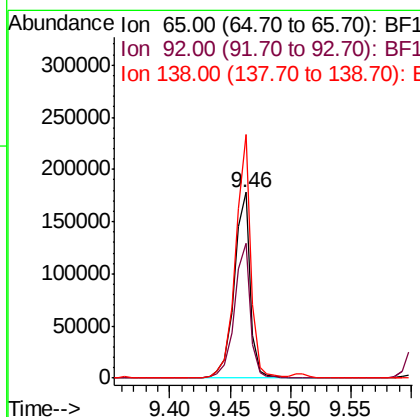
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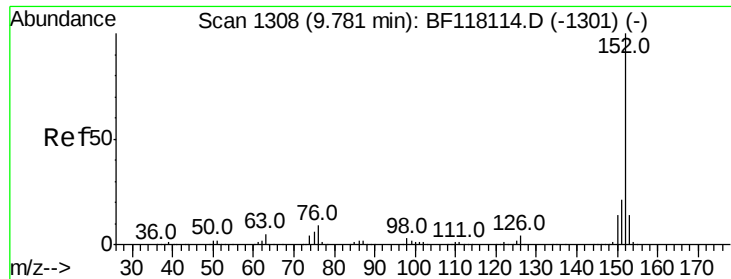
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#48
2-Nitroaniline
Concen: 35.909 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	166106		
92	72.8		57.8	86.6
138	131.0		98.8	148.2





#49

Acenaphthylene

Concen: 39.758 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

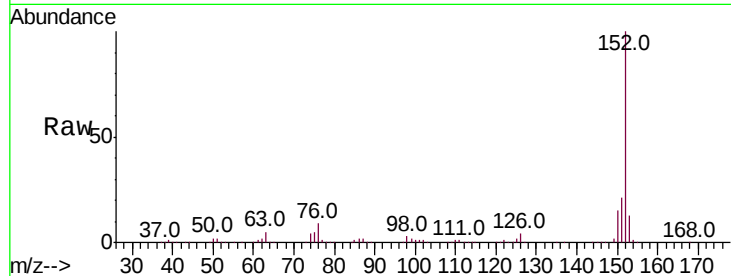
ClientSampleId :

PB125387BS

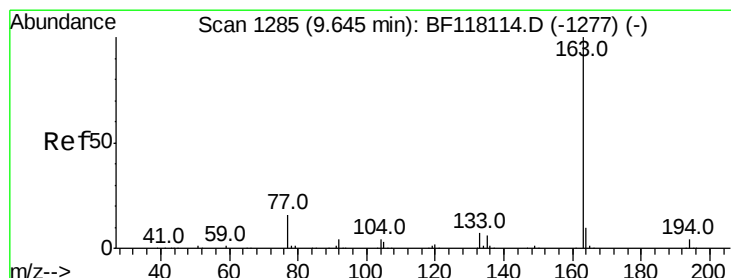
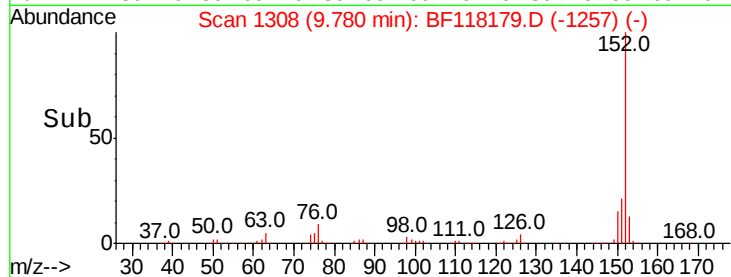
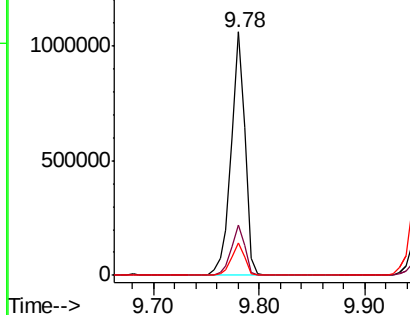
Tot Ion:	152	Resp:	951179
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.4	24.6
153	13.2	10.8	16.2

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



#50

Dimethylphthalate

Concen: 37.132 ng

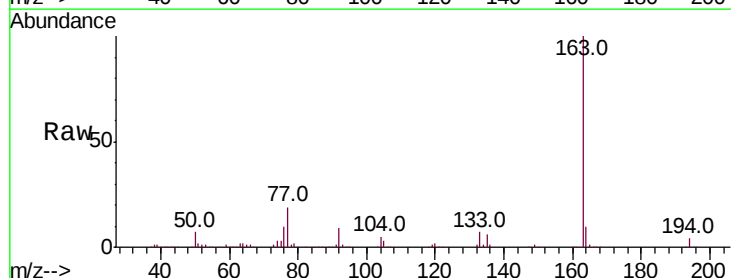
RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

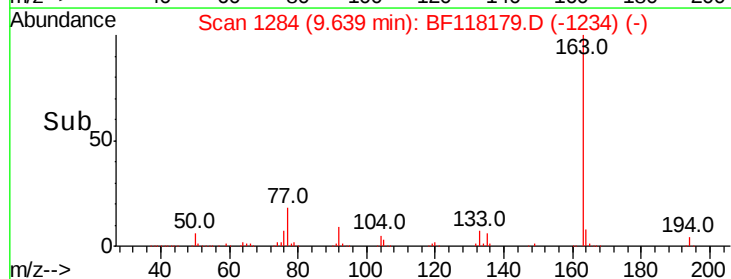
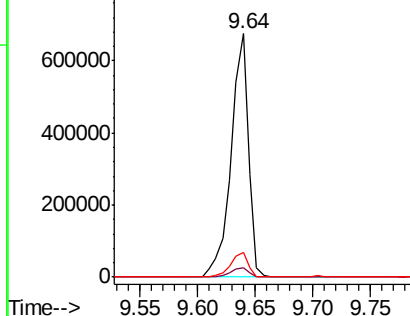
Lab File: BF118179.D

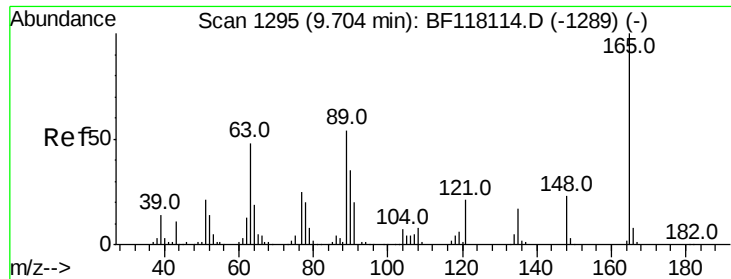
Acq: 13 Dec 2019 11:53

Tgt Ion:	163	Resp:	701250
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.3	7.7	11.5



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





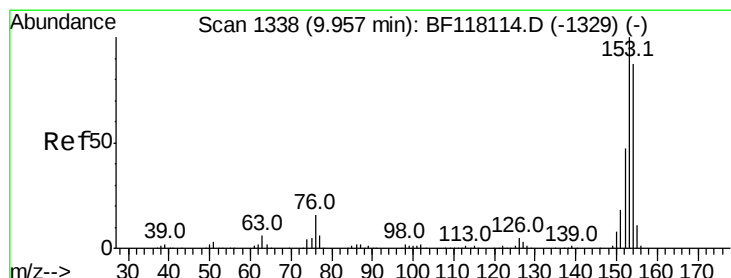
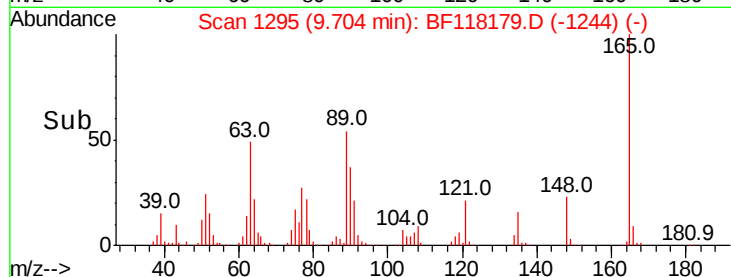
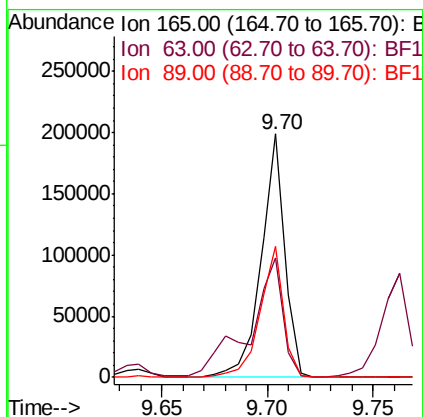
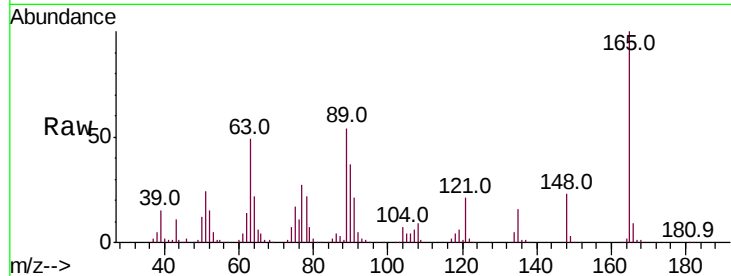
#51
2,6-Dinitrotoluene
Concen: 37.736 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	154964		
63	49.3		41.4	62.0
89	53.6		42.9	64.3

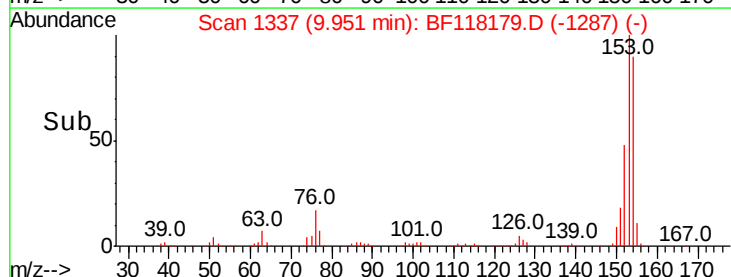
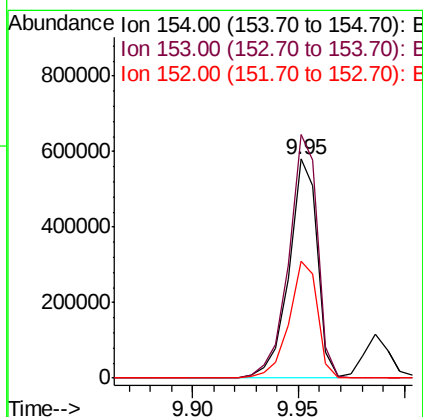
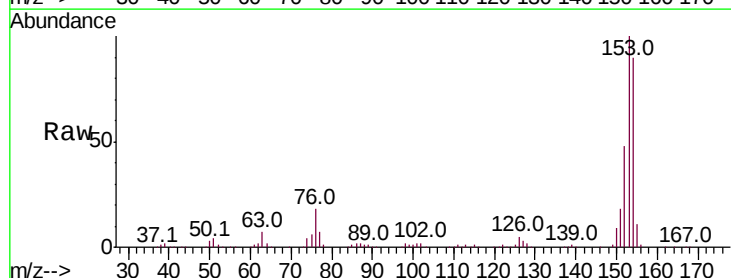
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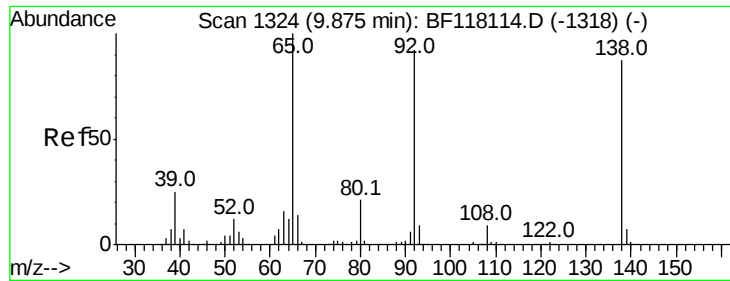
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#52
Acenaphthene
Concen: 37.388 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545969		
153	111.0		91.8	137.6
152	53.2		43.3	64.9





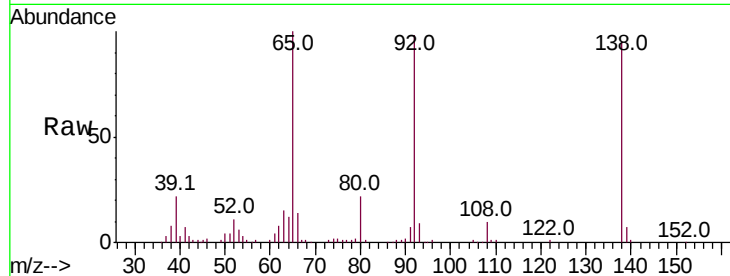
#53
3-Nitroaniline
Concen: 21.112 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.1	8.2	12.4	
92	102.1	84.9	127.3	

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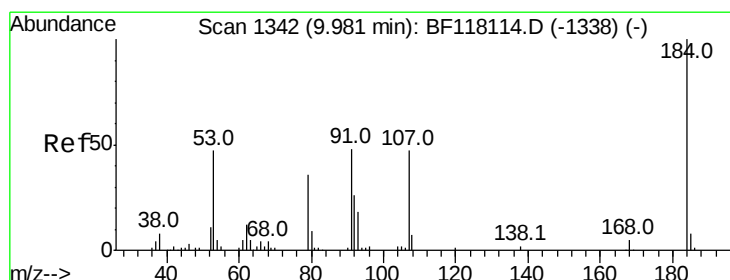
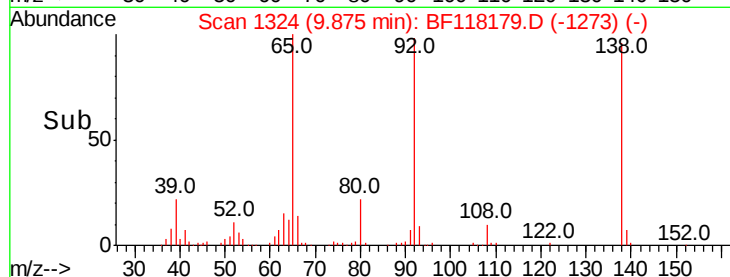
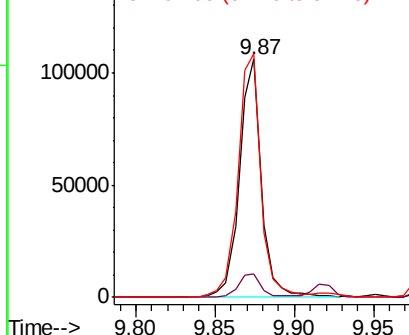


Abundance

Ion 138.00 (137.70 to 138.70): E

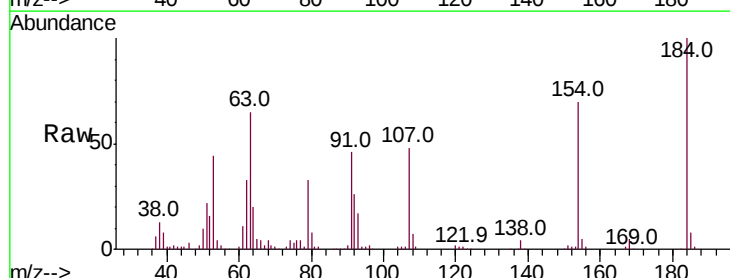
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.139 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	64.7	53.9	80.9	
154	70.3	56.3	84.5	

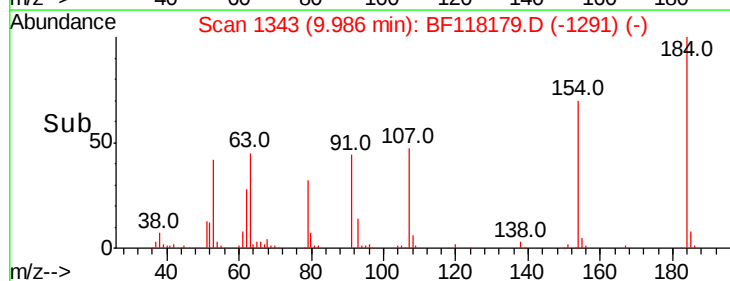
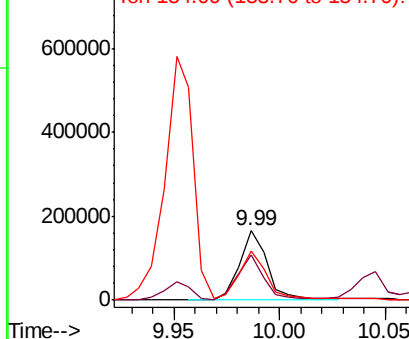


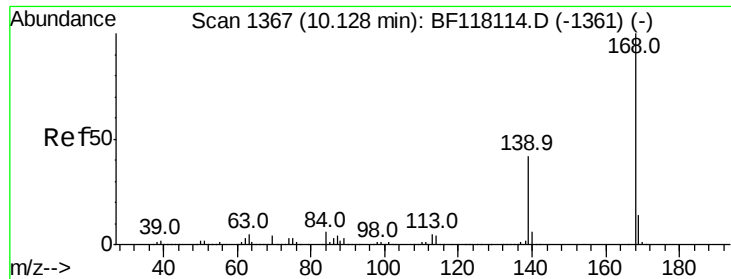
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





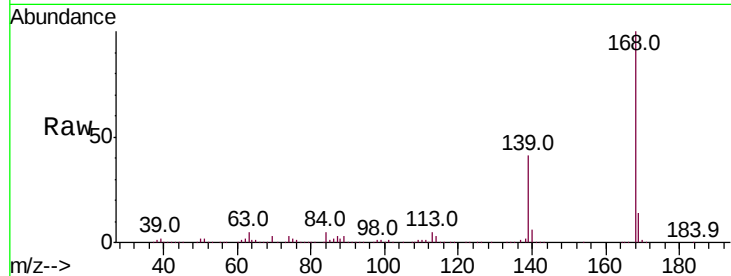
#55
Dibenzofuran
Concen: 39.013 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.8	33.4	50.0
169	13.6	11.0	16.6

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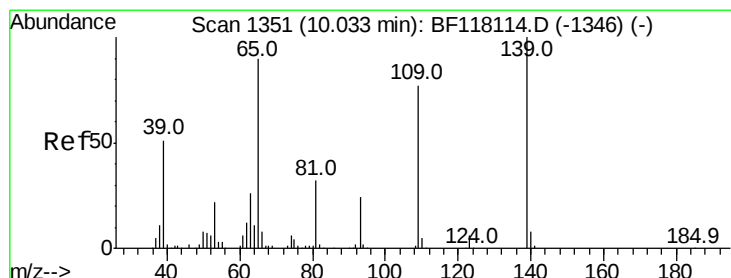
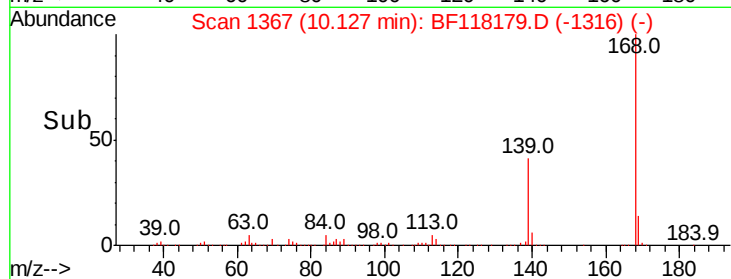
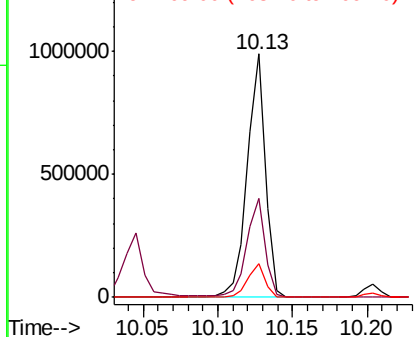


Abundance

Ion 168.00 (167.70 to 168.70): E

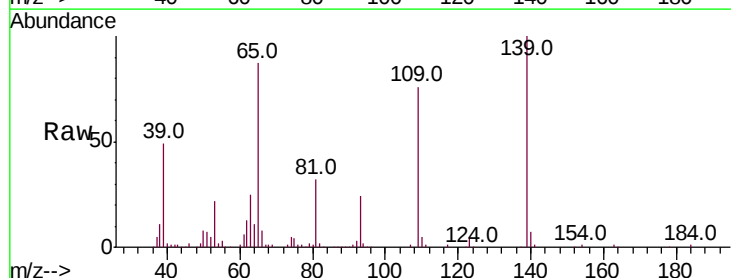
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 73.920 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.8	57.3	97.3
65	87.0	70.2	110.2

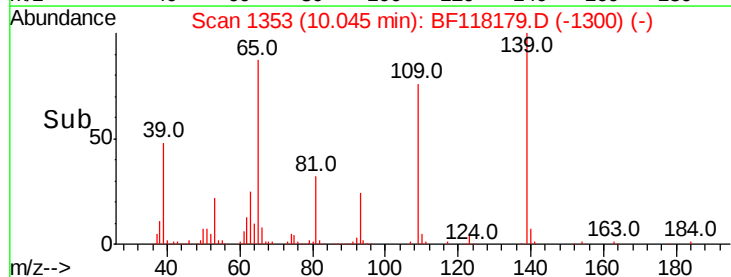
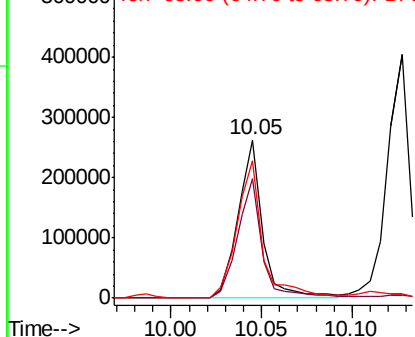


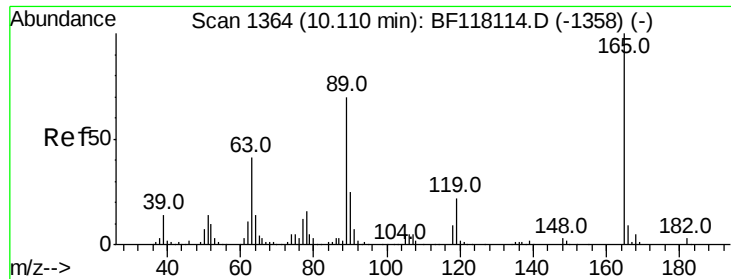
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





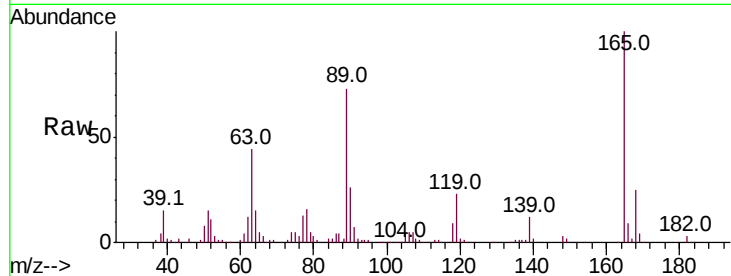
#57
2,4-Dinitrotoluene
Concen: 38.983 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

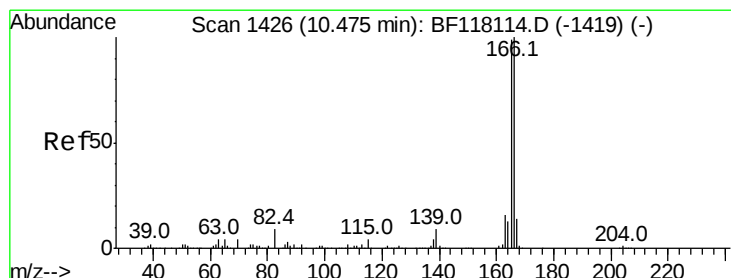
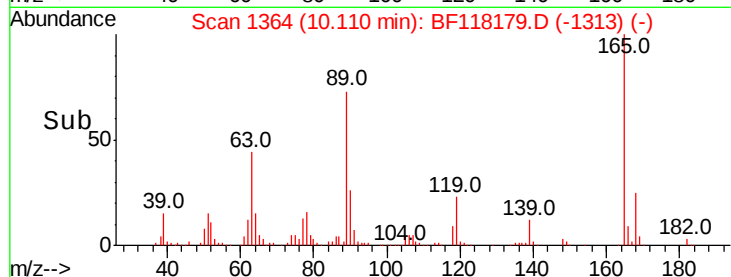
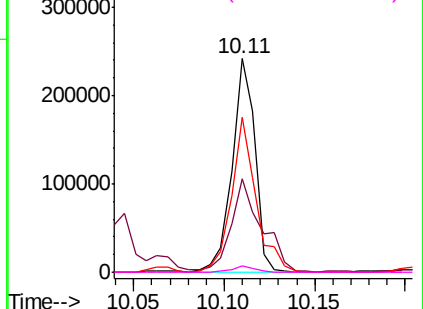
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.9	32.6	49.0	
89	72.5	56.1	84.1	
182	3.0	2.1	3.1	

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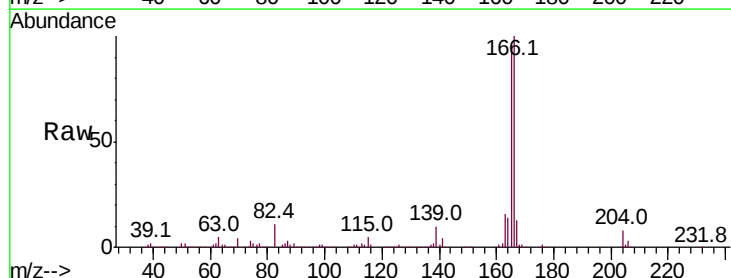


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

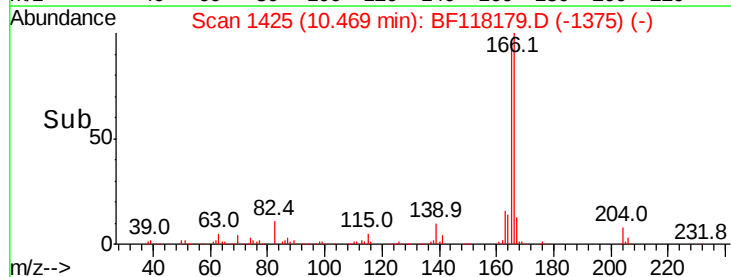
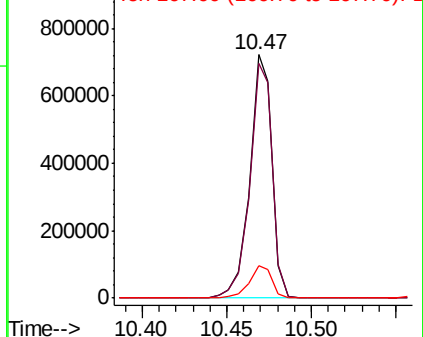


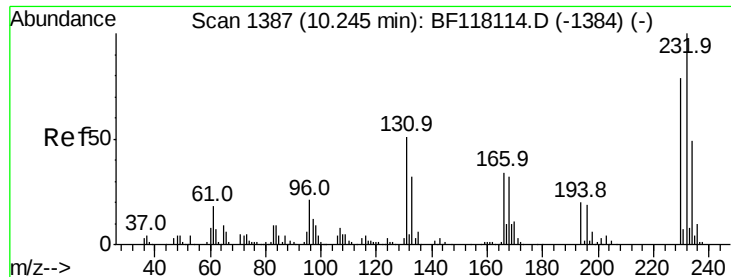
#58
Fluorene
Concen: 39.041 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.3	79.0	118.4	
167	13.4	10.9	16.3	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





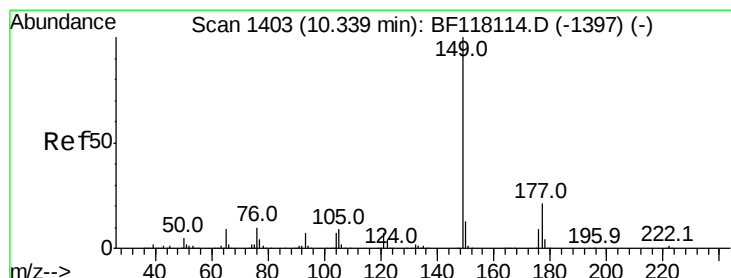
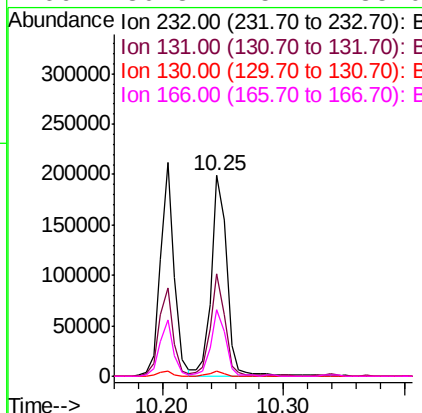
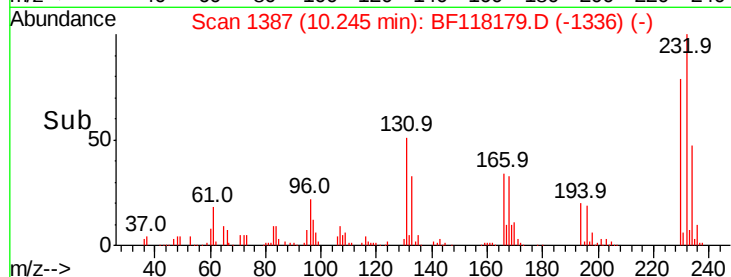
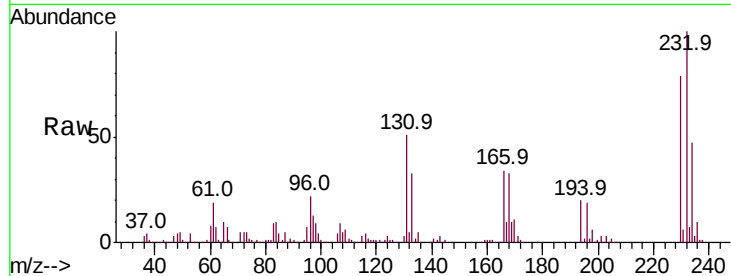
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.748 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	175695		
131	47.3		38.8	58.2
130	2.4		1.9	2.9
166	30.8		25.4	38.0

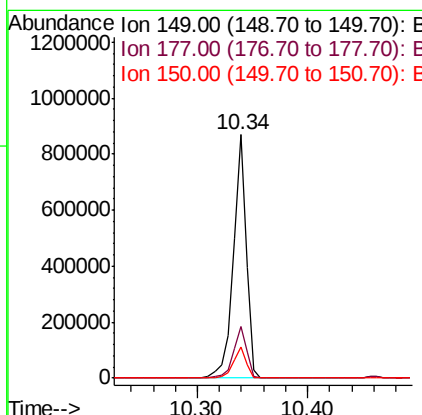
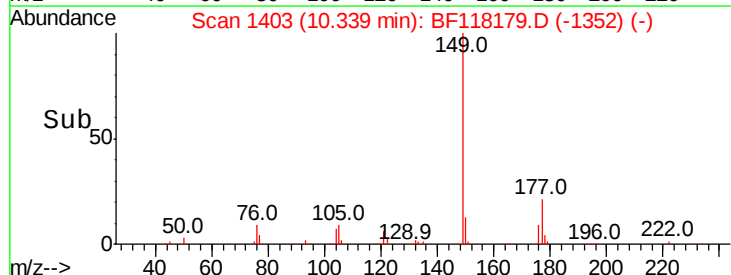
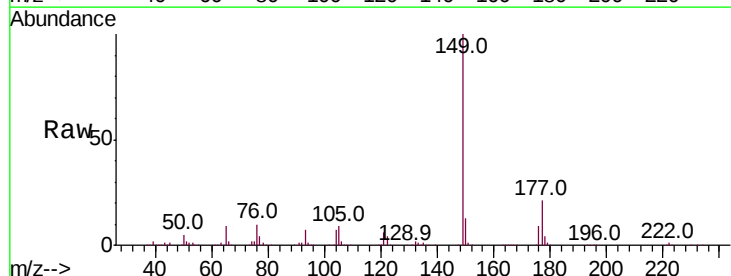
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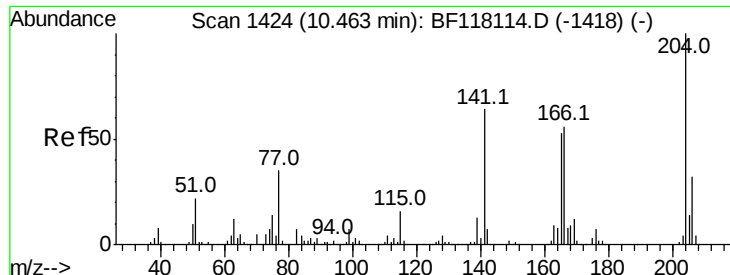
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#60
Diethylphthalate
Concen: 38.486 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	716108		
177	21.5		17.0	25.4
150	12.9		10.1	15.1





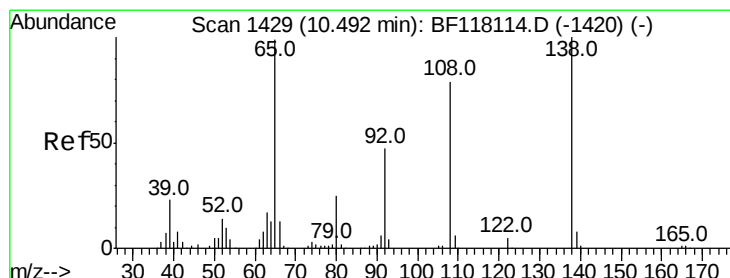
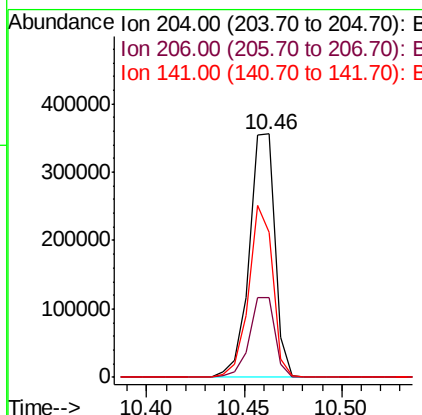
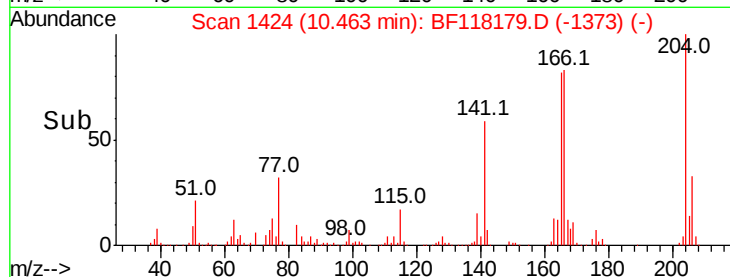
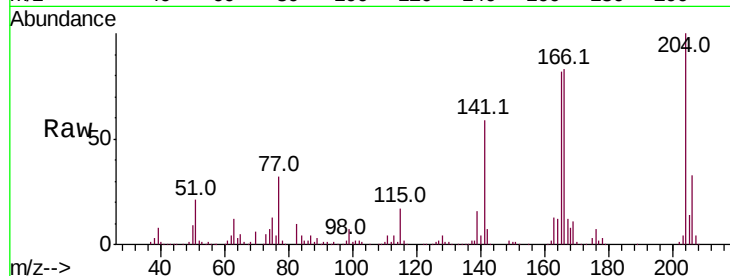
#61
 4-Chlorophenyl-phenylether
 Concen: 38.149 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleID :
 PB125387BS

Tot Ion:	204	Resp:	326387
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.0	39.0
141	59.3	51.0	76.6

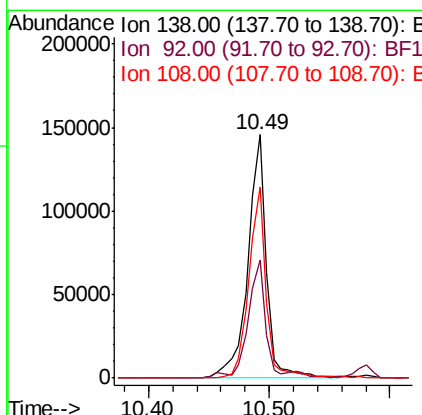
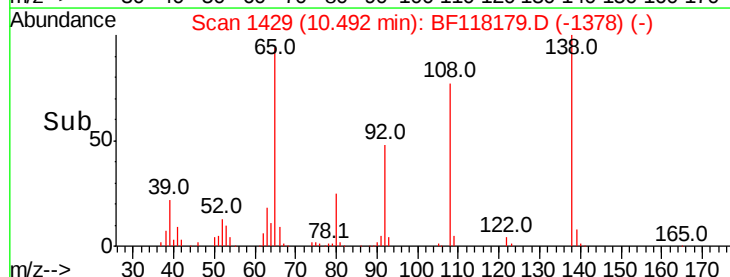
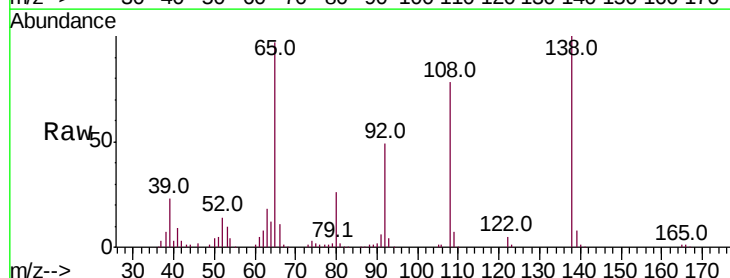
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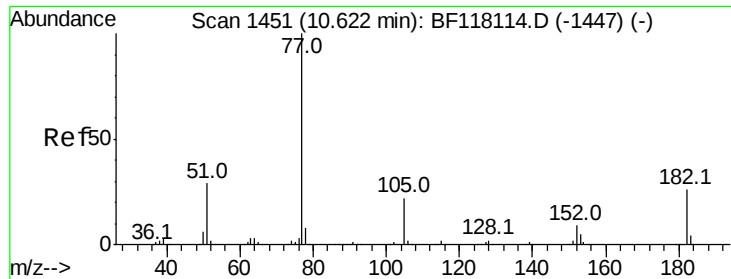
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#62
 4-Nitroaniline
 Concen: 31.209 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion:	138	Resp:	157303
Ion Ratio	Lower	Upper	
138	100		
92	48.6	27.1	67.1
108	78.4	59.0	99.0





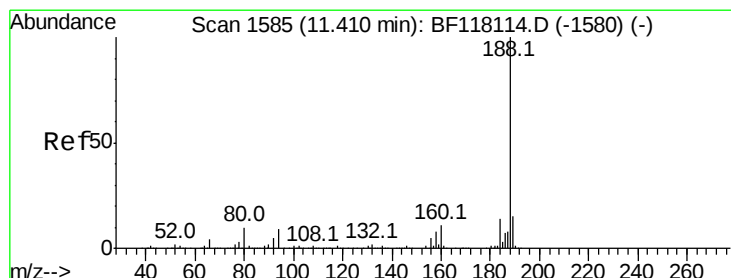
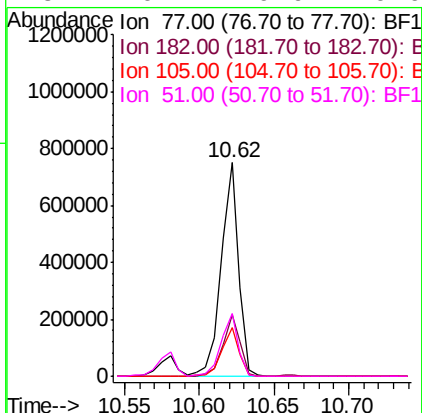
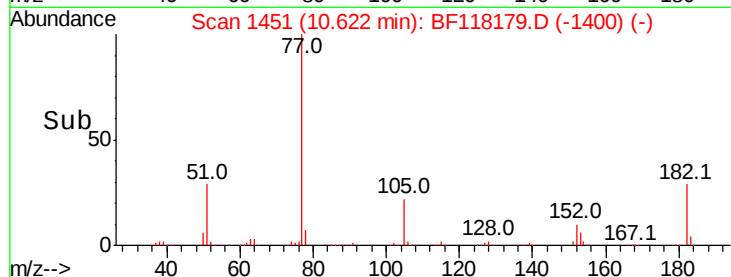
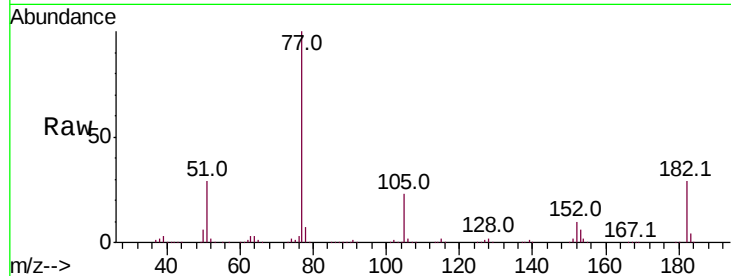
#63
Azobenzene
Concen: 38.878 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	617541		
182	29.0	5.7	45.7	
105	22.7	2.2	42.2	
51	29.2	9.6	49.6	

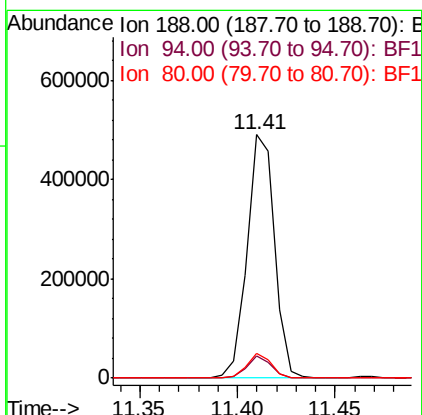
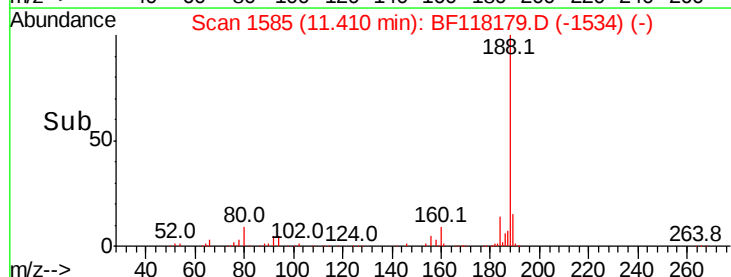
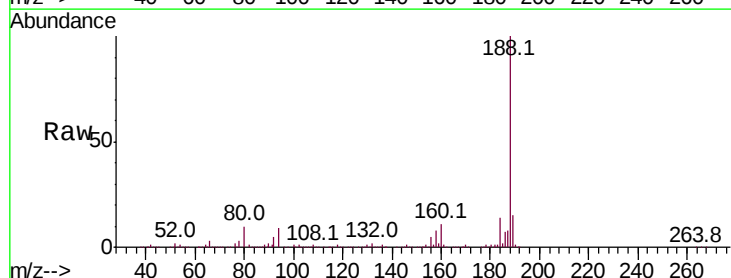
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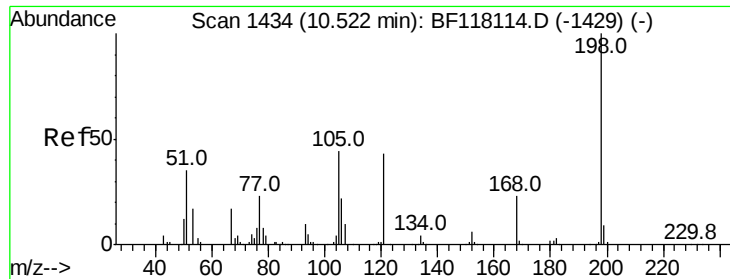
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	478530		
94	9.2	7.1	10.7	
80	9.9	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 41.366 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

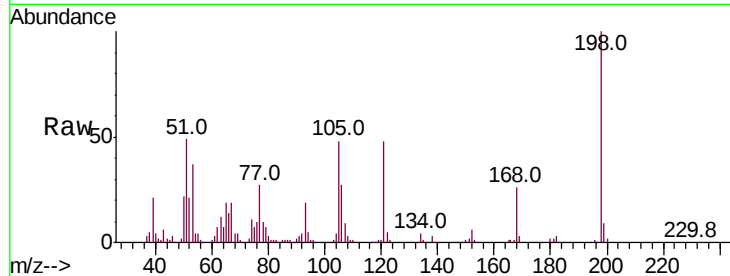
ClientSampleId :

PB125387BS

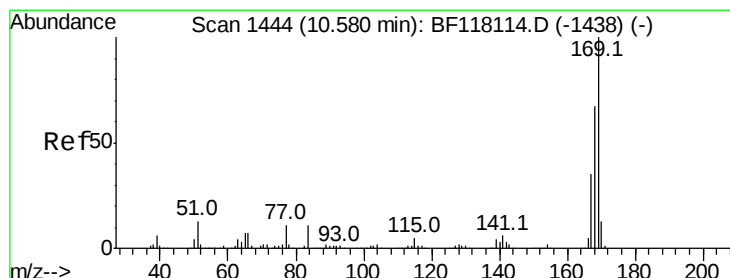
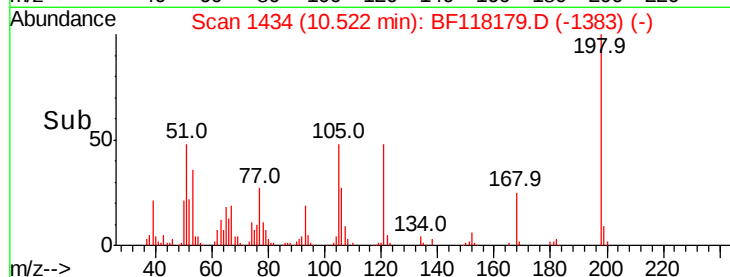
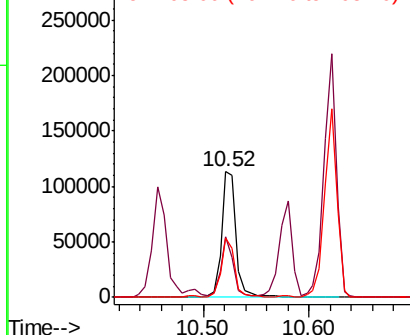
Tot Ion:	198	Resp:	109319
Ion Ratio	Lower	Upper	
198	100		
51	48.5	22.0	62.0
105	47.6	25.6	65.6

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.842 ng

RT: 10.58 min Scan# 1444

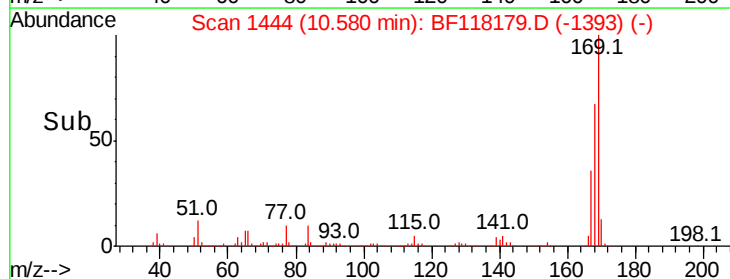
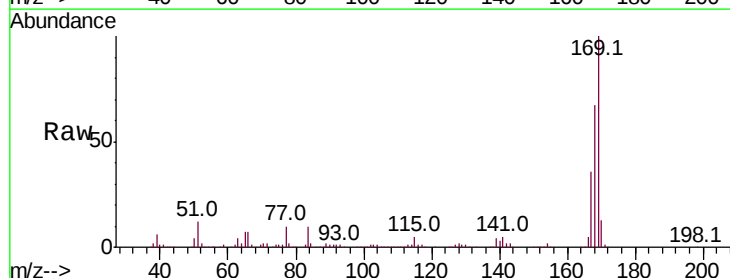
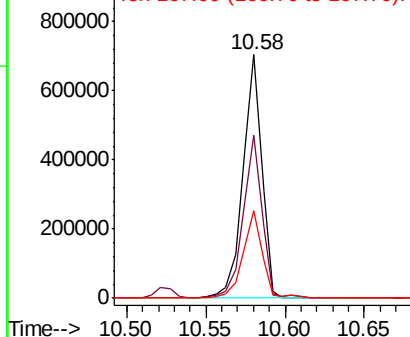
Delta R.T. -0.00 min

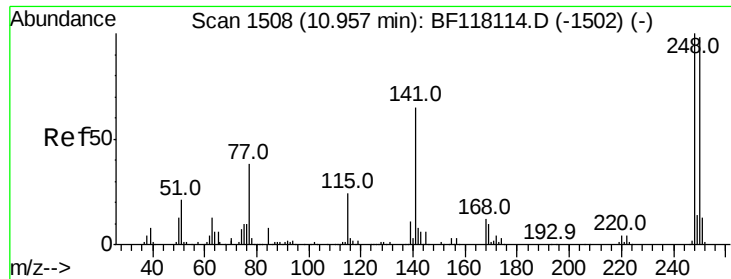
Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	169	Resp:	580436
Ion Ratio	Lower	Upper	
169	100		
168	67.2	53.4	80.2
167	36.0	28.4	42.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





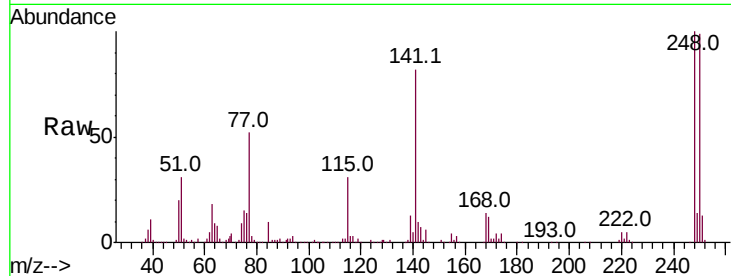
#67
4-Bromophenyl-phenylether
Concen: 37.312 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.3	117.5
141	82.4	52.2	78.4

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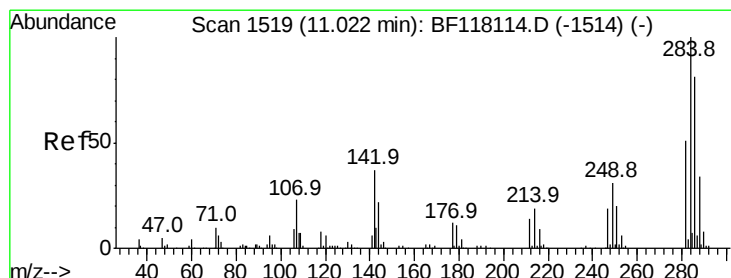
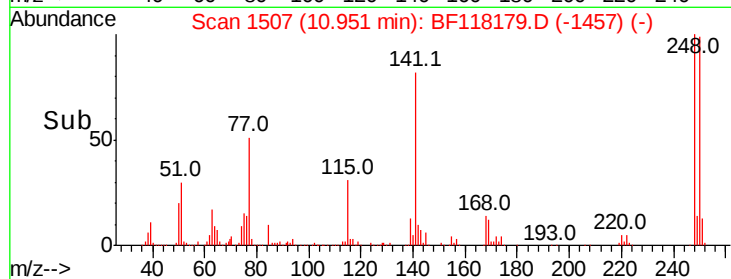
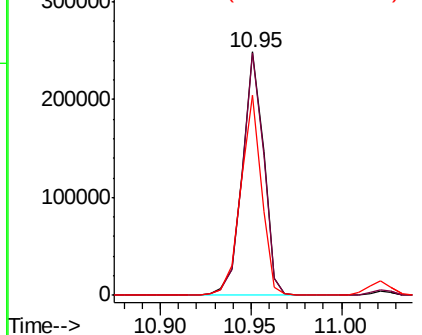


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.713 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

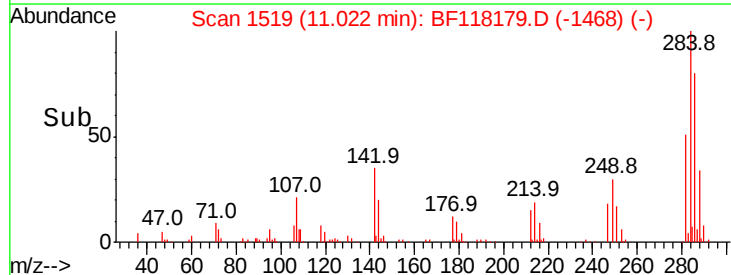
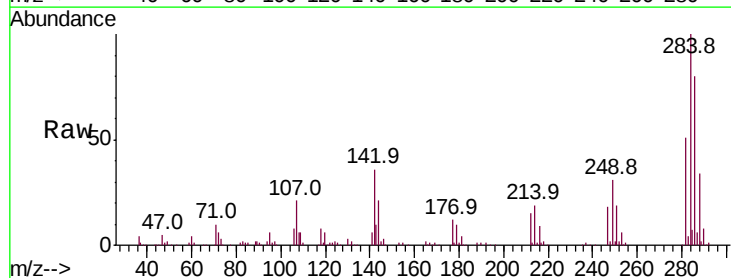
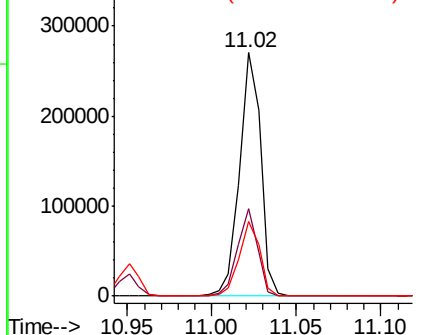
Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.0	29.7	44.5
249	30.7	24.6	37.0

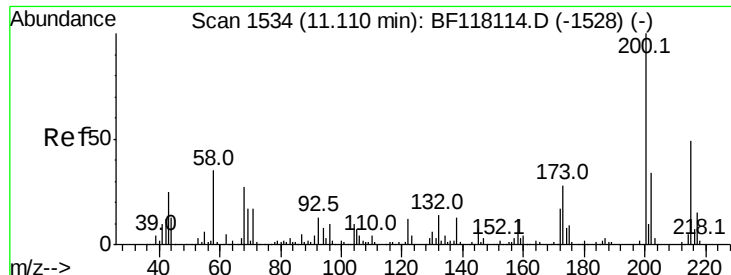
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





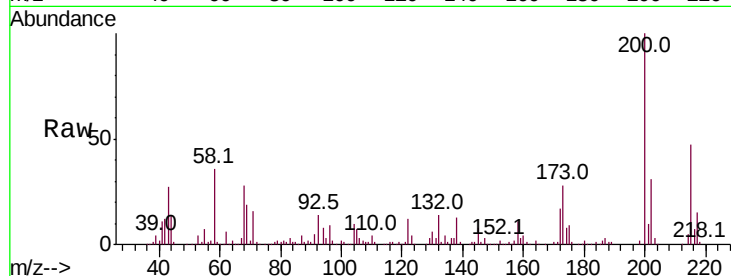
#69
Atrazine
Concen: 54.733 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.8	8.1	48.1
215	47.1	29.0	69.0

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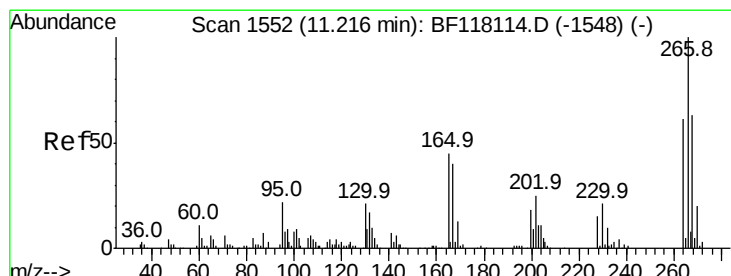
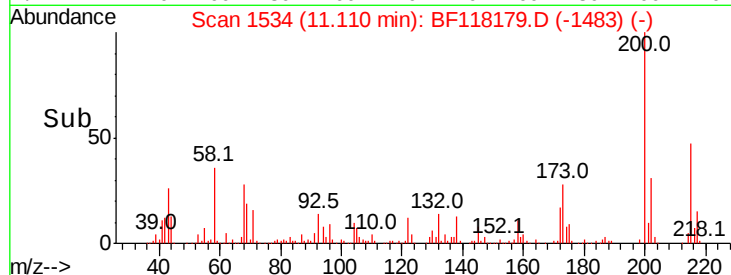
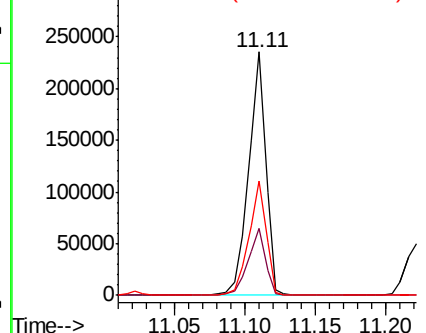


Abundance

Ion 200.00 (199.70 to 200.70): E

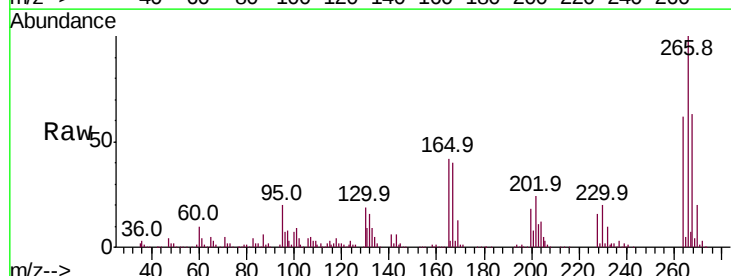
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 83.152 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.1	50.7	76.1
264	62.1	48.7	73.1

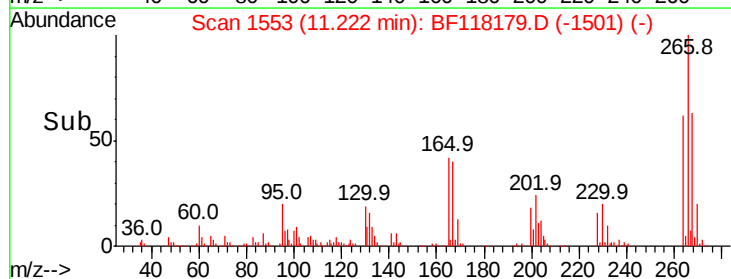
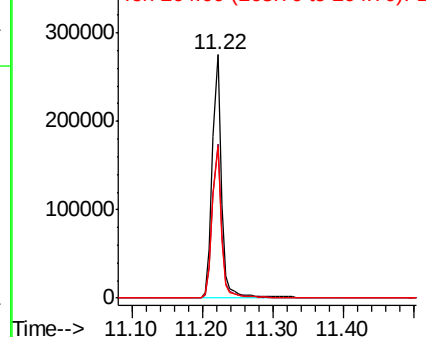


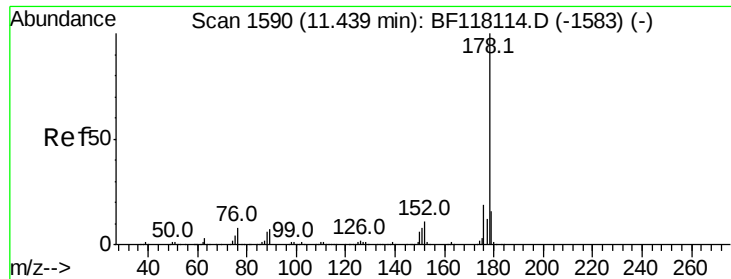
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.883 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

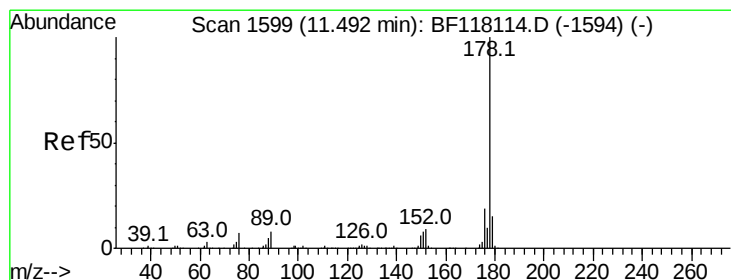
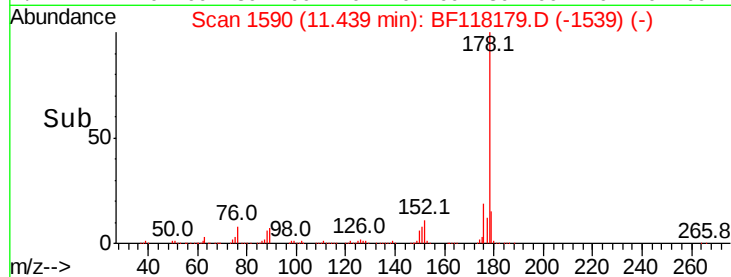
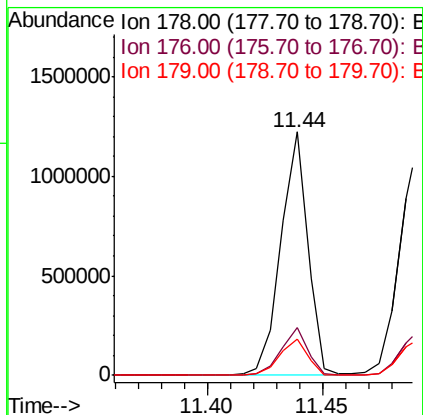
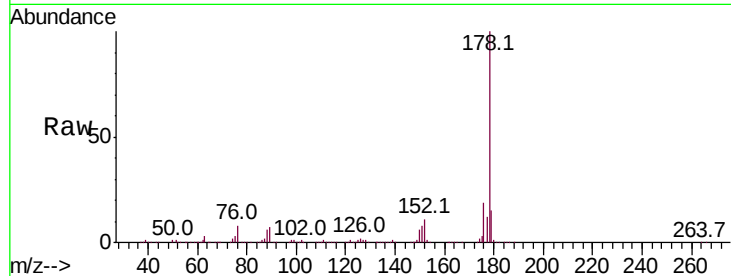
ClientSampleId :

PB125387BS

Tot Ion:178	Resp:	989107
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.5 23.3
179	15.1	12.6 18.8

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#72

Anthracene

Concen: 40.274 ng

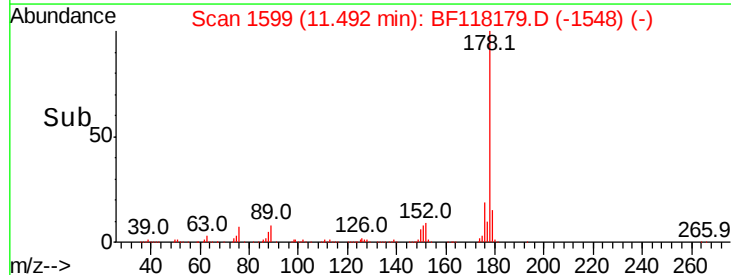
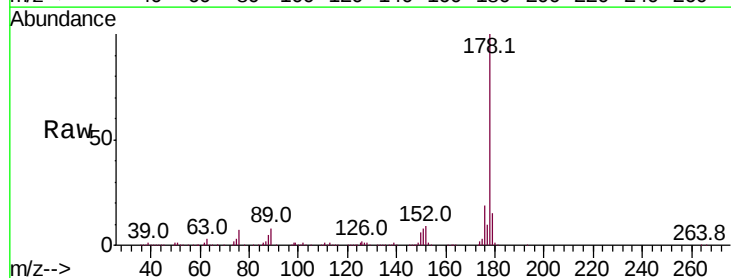
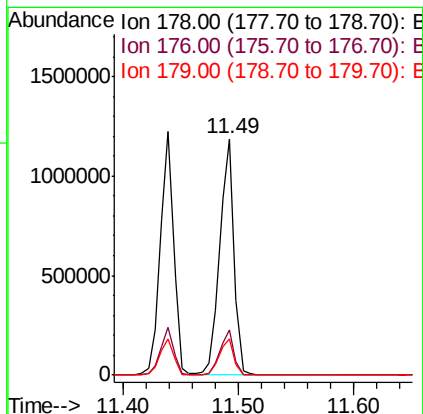
RT: 11.49 min Scan# 1599

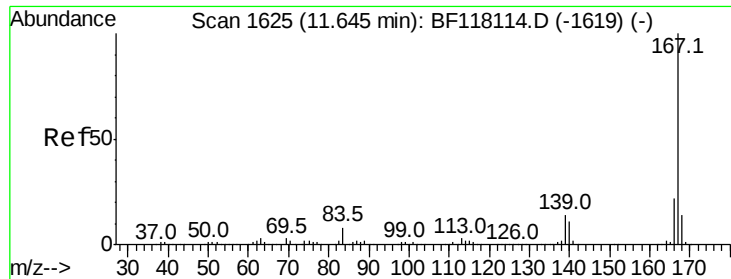
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:178	Resp:	1022020
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.6
179	15.2	12.2 18.4





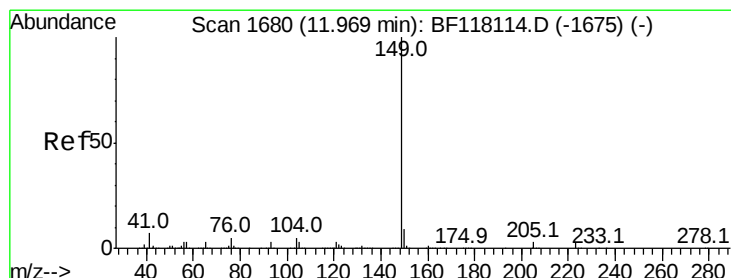
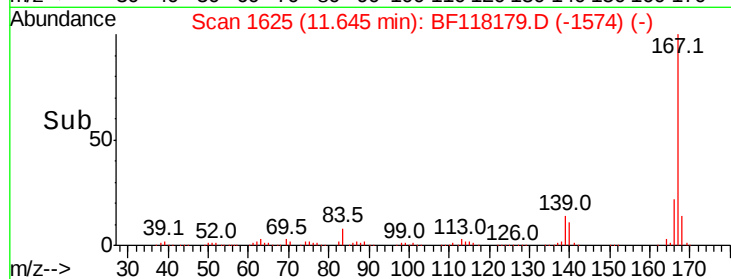
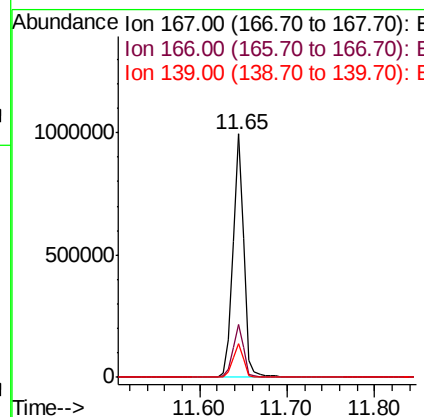
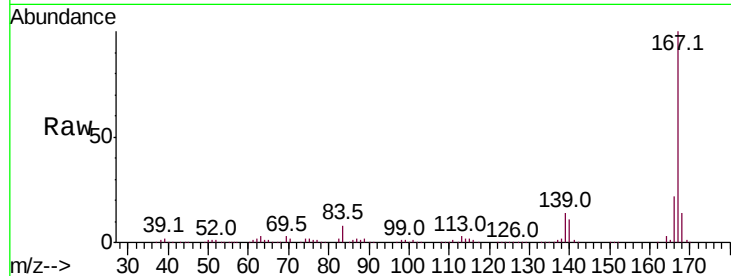
#73
 Carbazole
 Concen: 37.843 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	861622		
166	21.7		17.4	26.2
139	13.7		11.4	17.0

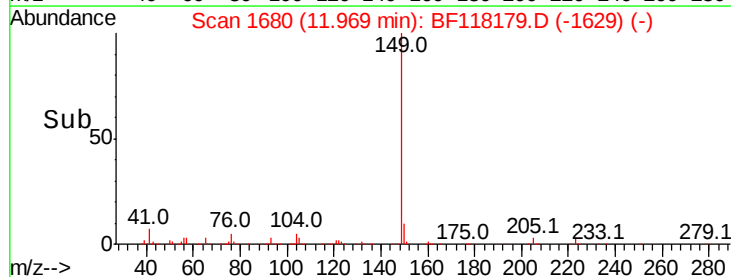
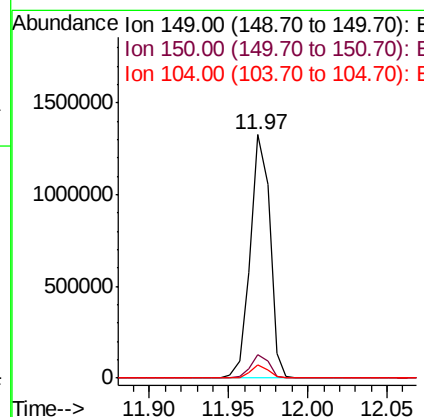
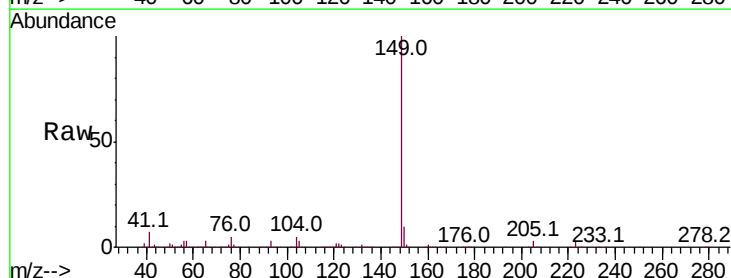
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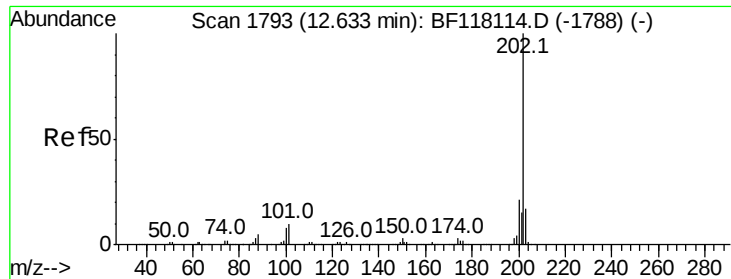
mohammad
 12/16/2019 12:25:04 PM



#74
 Di-n-butylphthalate
 Concen: 39.928 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1137744		
150	9.6		7.4	11.2
104	5.3		4.3	6.5





#75

Fluoranthene

Concen: 39.039 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

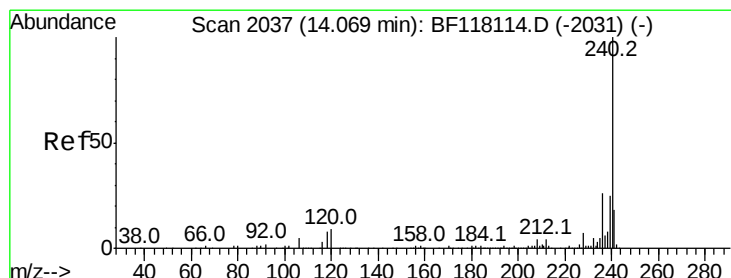
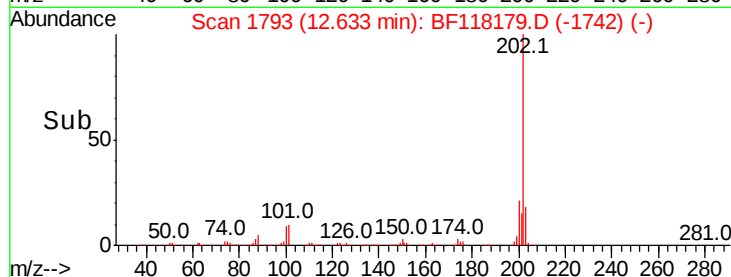
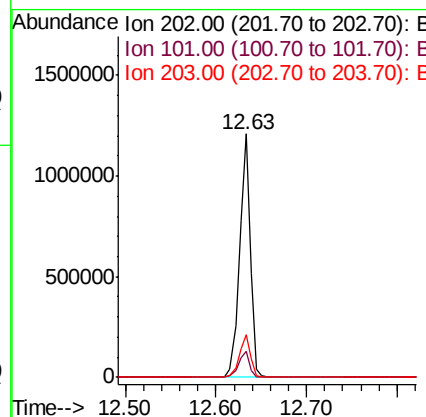
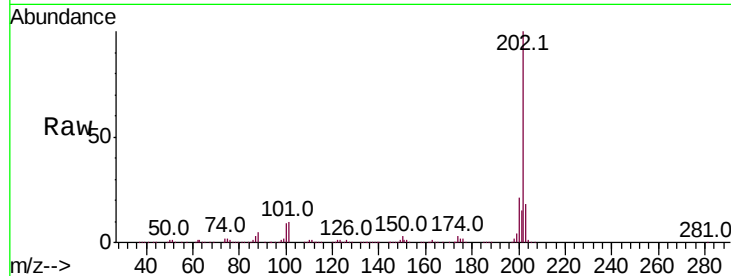
ClientSampleId :

PB125387BS

Tot Ion:	202	Resp:	1015329
Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.4
203	17.7	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

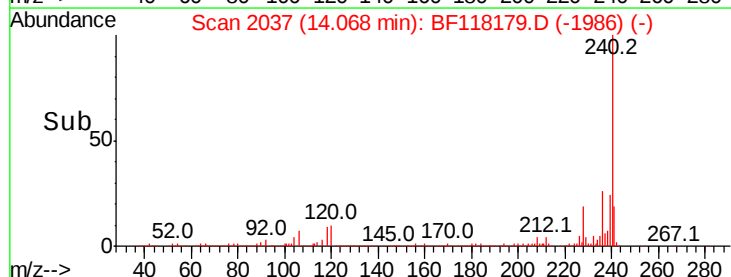
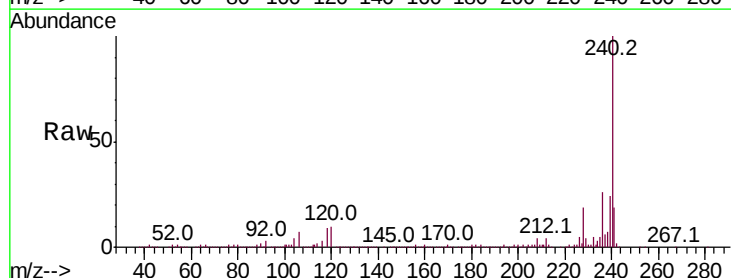
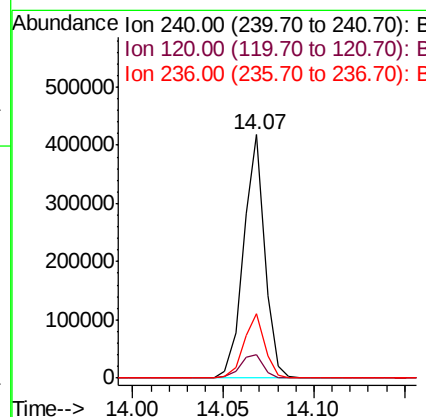
RT: 14.07 min Scan# 2037

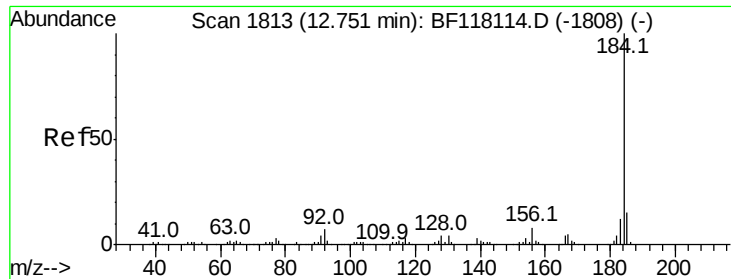
Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Tgt Ion:	240	Resp:	339238
Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.1	10.7
236	26.4	21.0	31.6





#77

Benzidine

Concen: 37.149 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

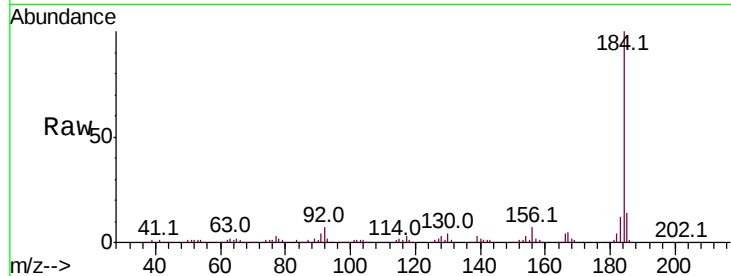
ClientSampleId :

PB125387BS

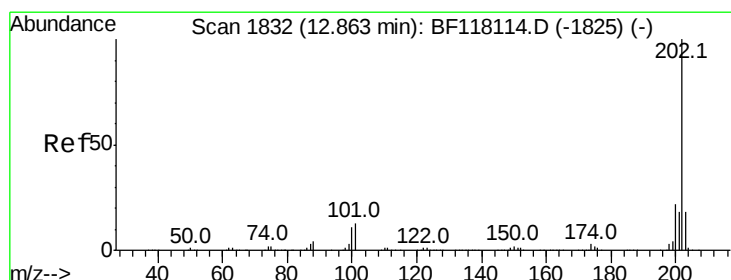
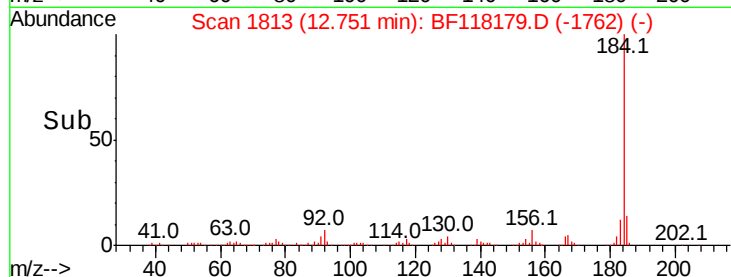
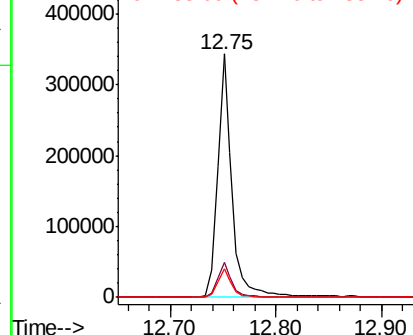
Tot Ion:	184	Resp:	331758
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.3	18.5
183	11.7	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.487 ng

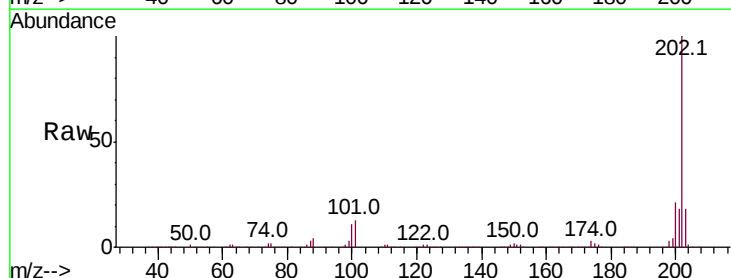
RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

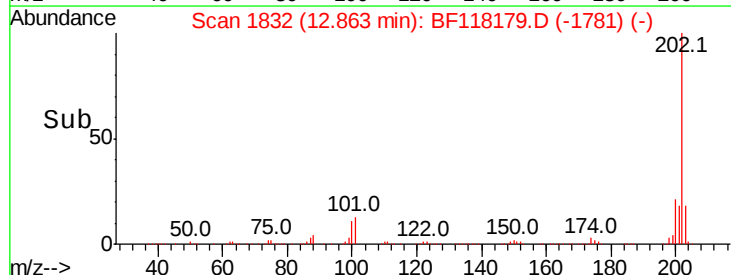
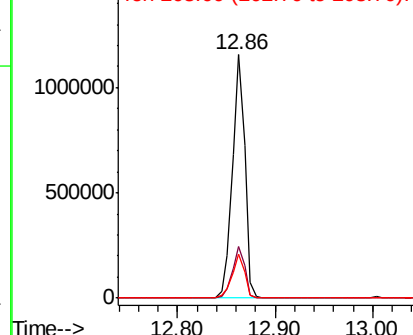
Lab File: BF118179.D

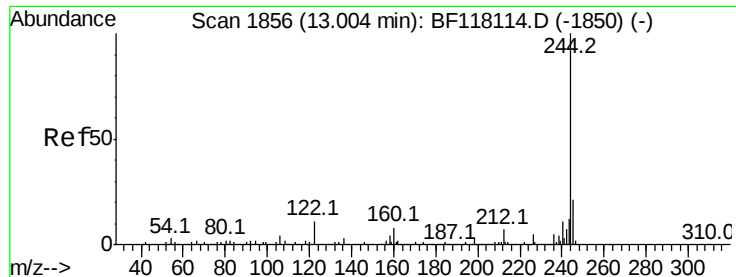
Acq: 13 Dec 2019 11:53

Tgt Ion:	202	Resp:	1028893
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.5	26.3
203	18.0	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.161 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

ClientSampleId :

PB125387BS

Tot Ion:244 Resp: 1463000

Ion Ratio Lower Upper

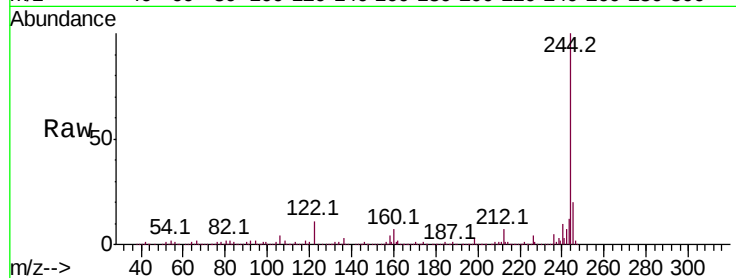
244 100

212 7.2 5.9 8.9

122 11.2 9.0 13.6

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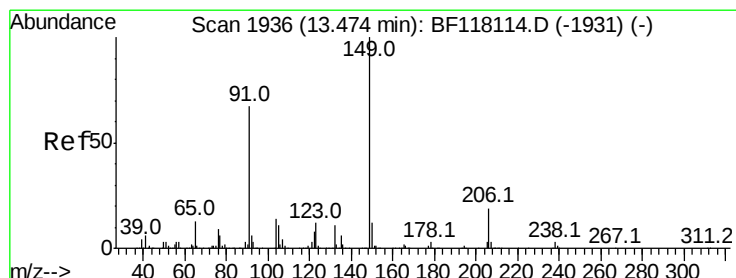
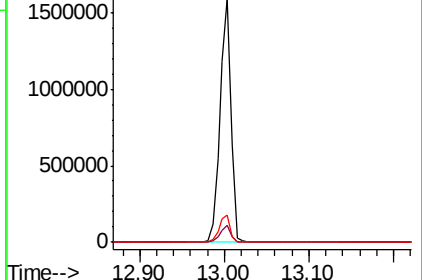
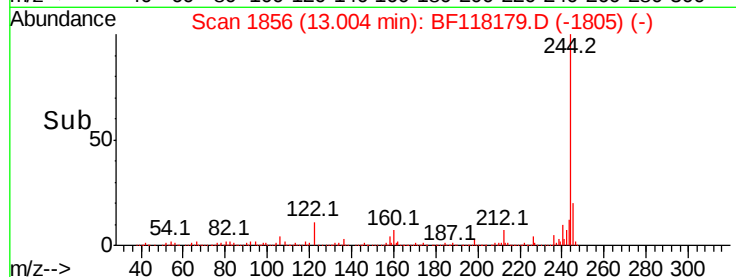
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.331 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

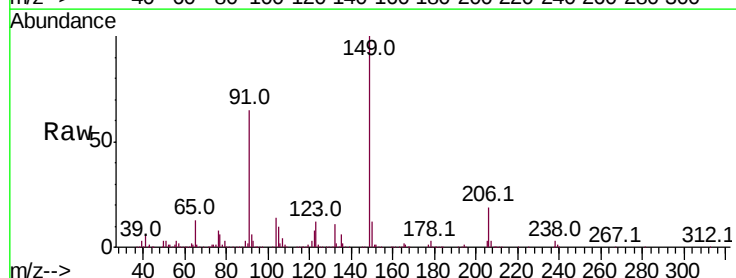
Tgt Ion:149 Resp: 476191

Ion Ratio Lower Upper

149 100

91 65.4 53.9 80.9

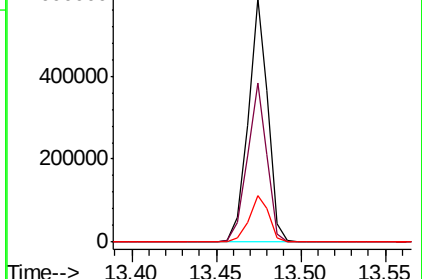
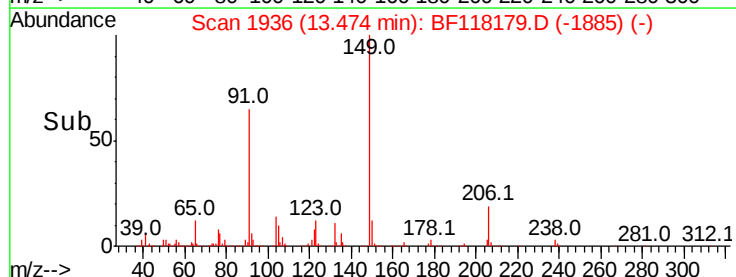
206 18.9 15.2 22.8

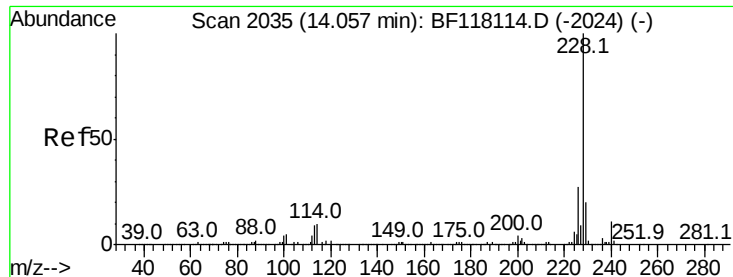


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





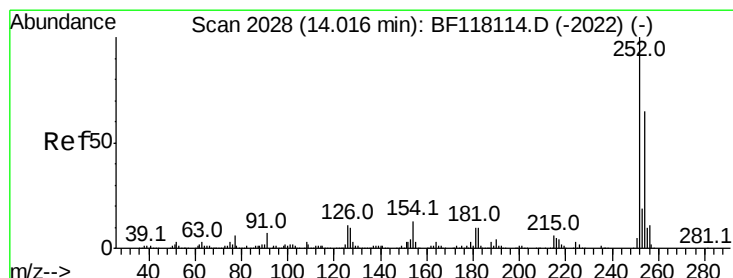
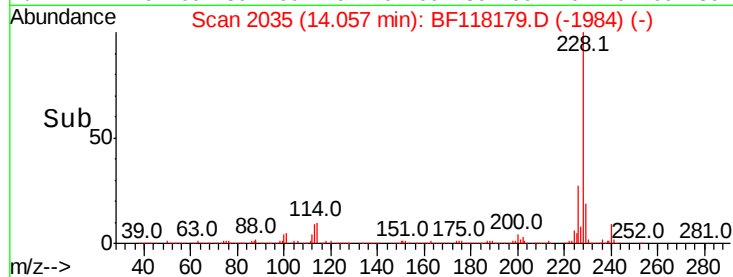
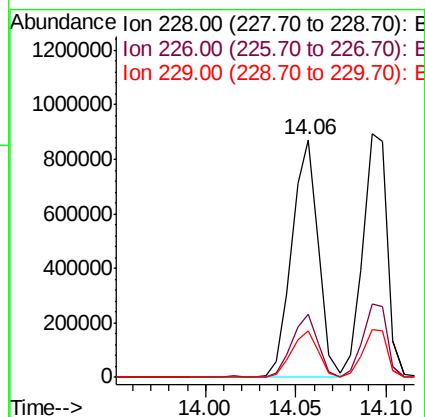
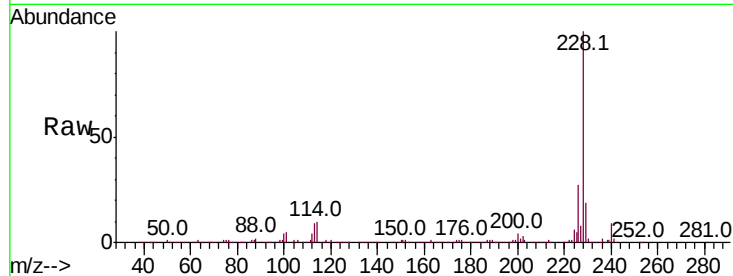
#81
Benzo(a)anthracene
Concen: 38.040 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.8
229	19.4	15.8	23.8

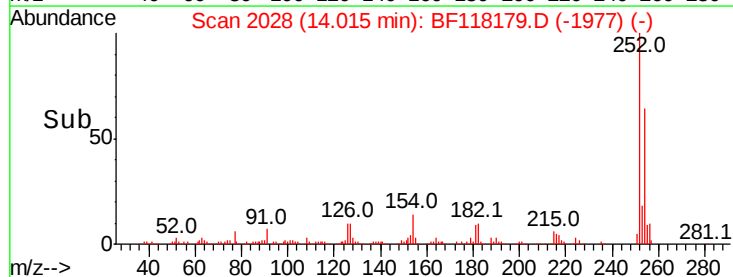
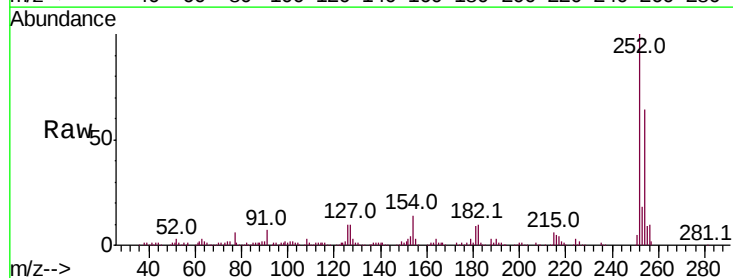
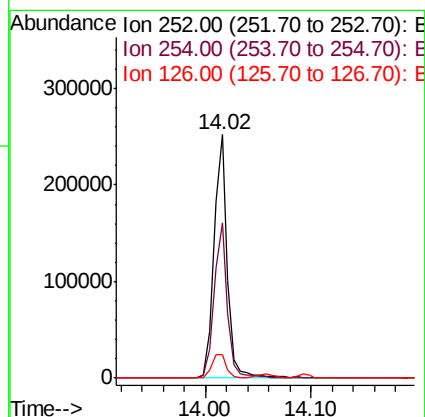
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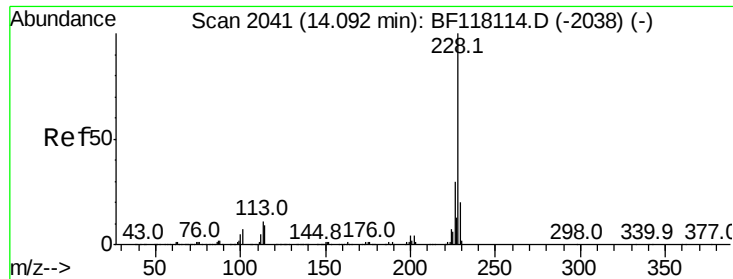
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.272 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.2	78.4
126	9.9	8.6	13.0





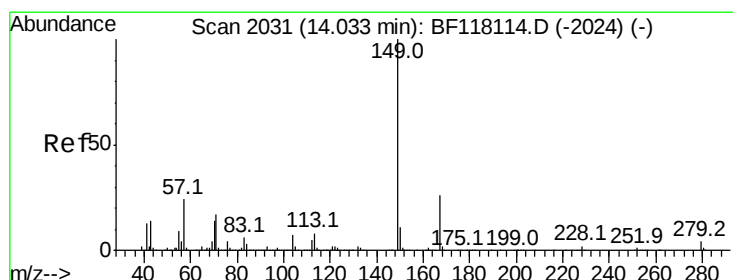
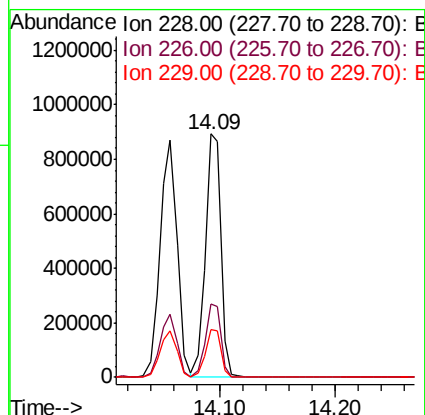
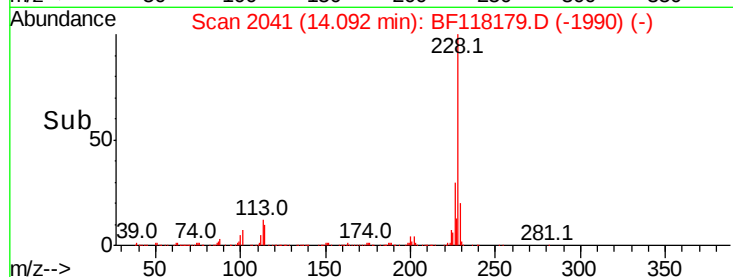
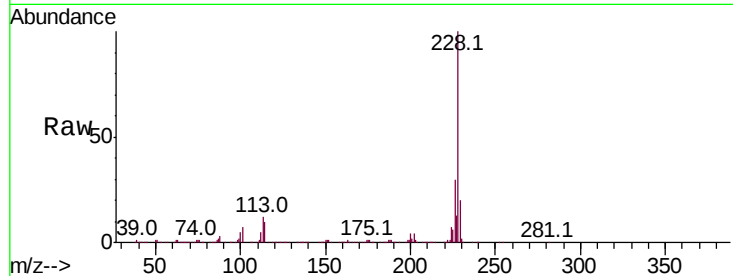
#83
 Chrvsene
 Concen: 37.799 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Instrument :
 BNA_F
 ClientSampleId :
 PB125387BS

Tot Ion:	228	Resp:	846956
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.8	35.8
229	19.7	15.7	23.5

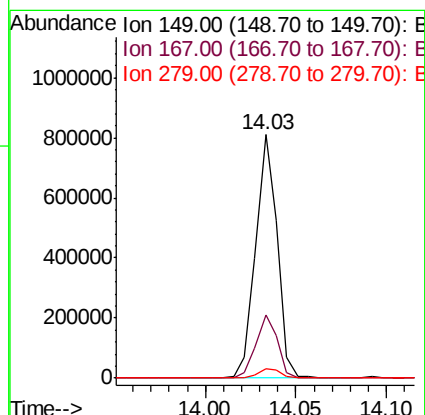
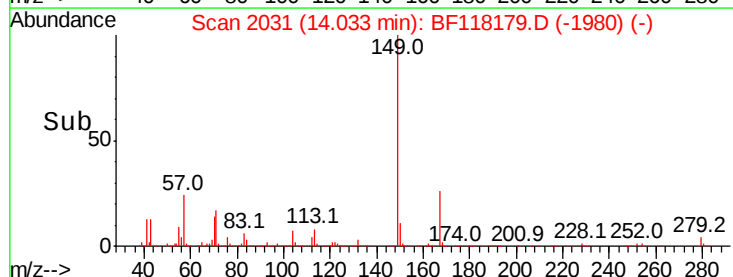
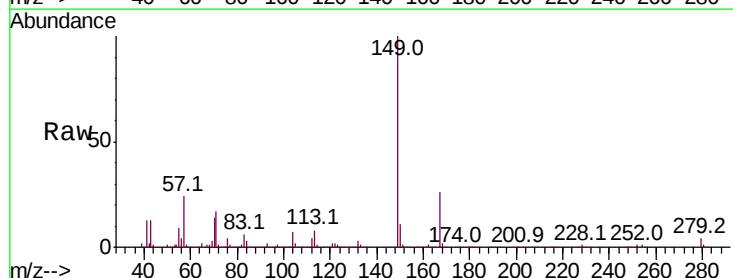
Manual Integrations
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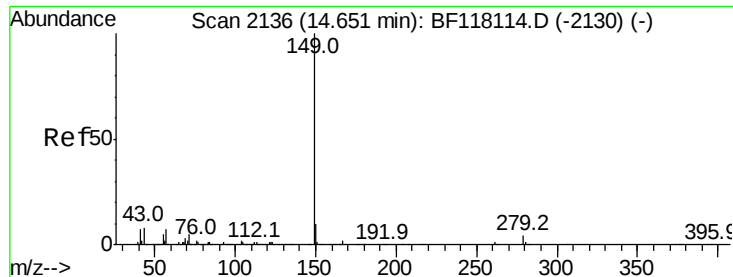
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.845 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118179.D
 Acq: 13 Dec 2019 11:53

Tgt Ion:	149	Resp:	668039
Ion Ratio	Lower	Upper	
149	100		
167	26.1	20.8	31.2
279	3.7	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 42.854 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118179.D

Acq: 13 Dec 2019 11:53

Instrument :

BNA_F

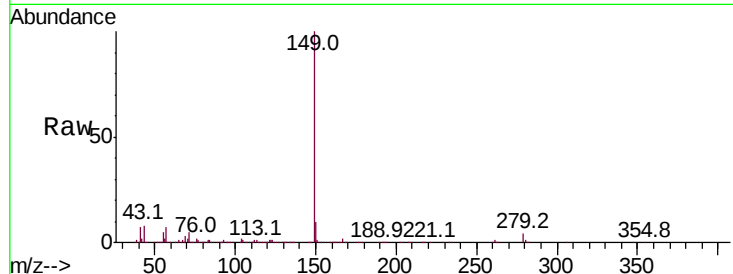
ClientSampleId :

PB125387BS

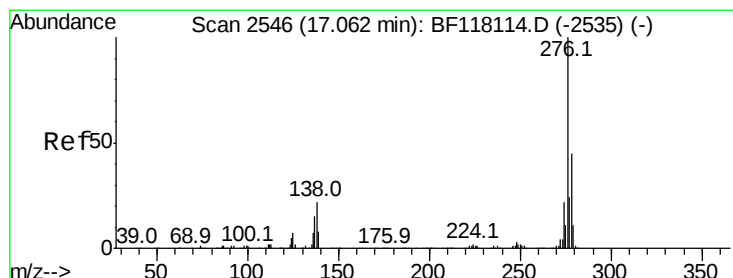
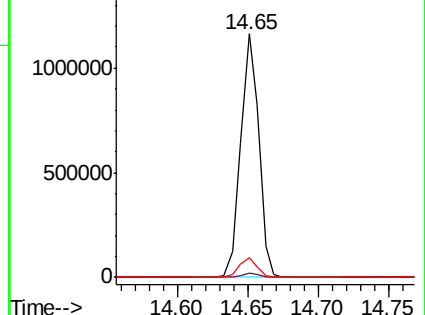
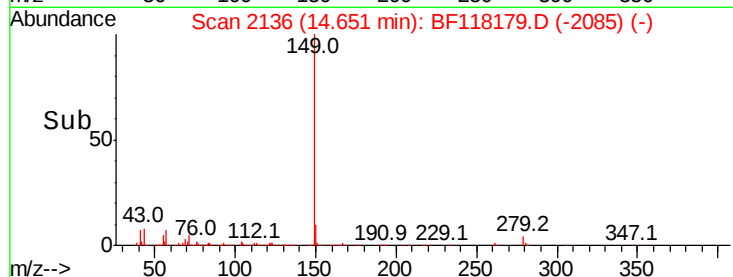
Tot Ion:	149	Resp:	1036374
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.1	6.5	9.7

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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: 34.313 ng

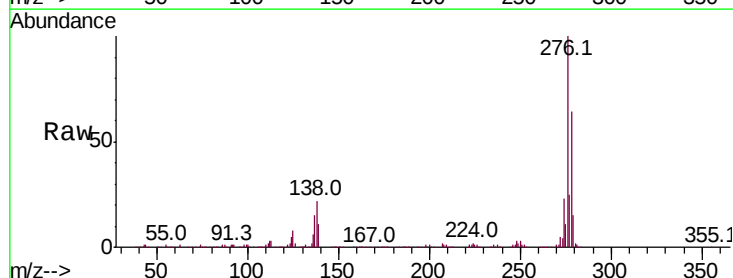
RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

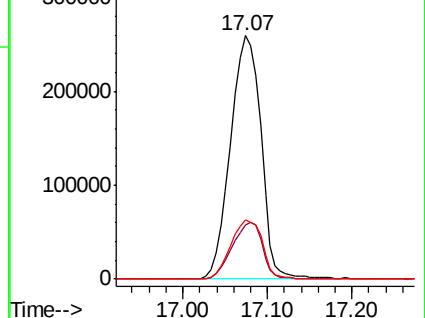
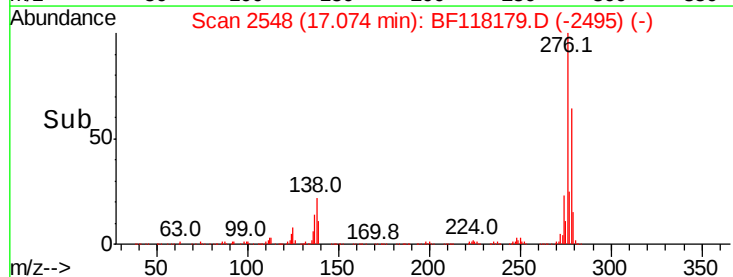
Lab File: BF118179.D

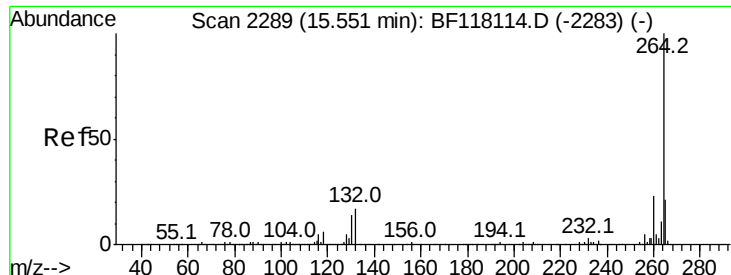
Acq: 13 Dec 2019 11:53

Tgt Ion:	276	Resp:	646925
Ion	Ratio	Lower	Upper
276	100		
138	23.3	18.9	28.3
277	25.4	20.4	30.6



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





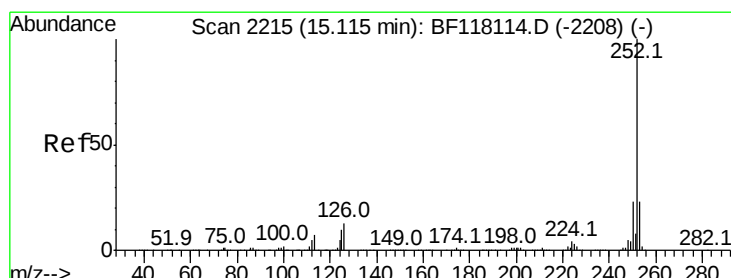
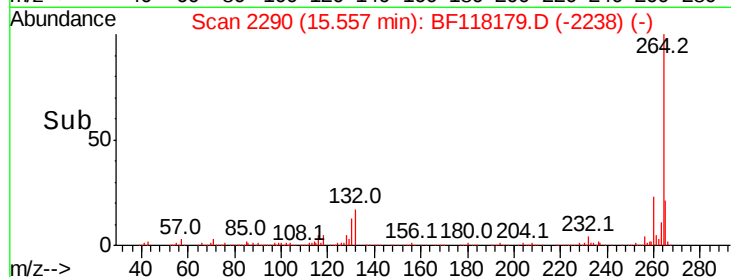
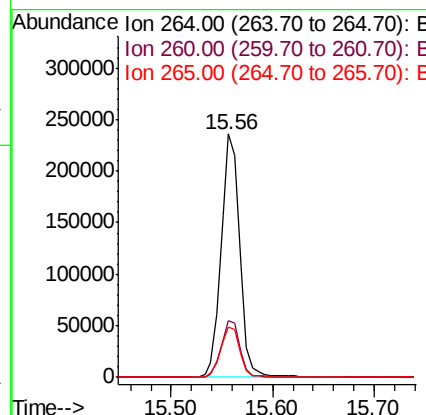
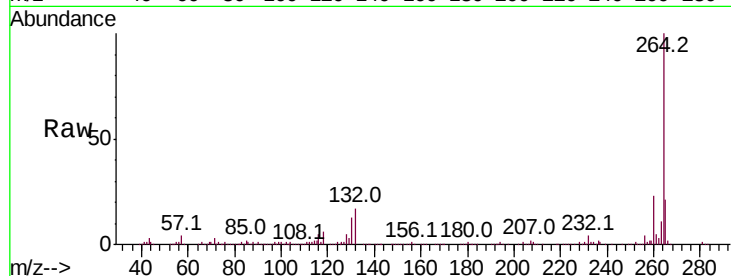
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	20.8	16.8	25.2

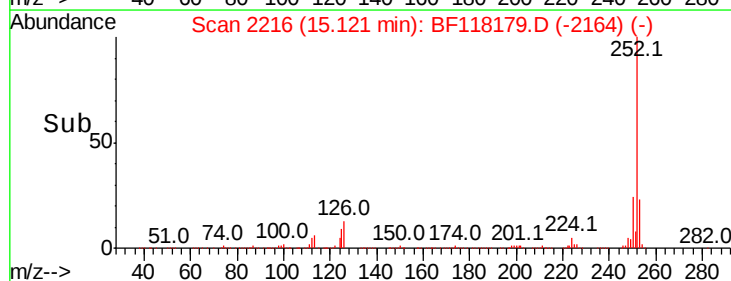
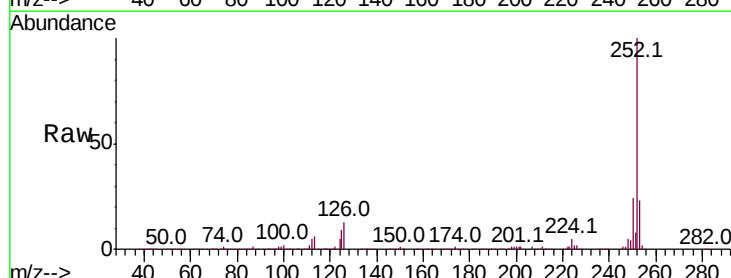
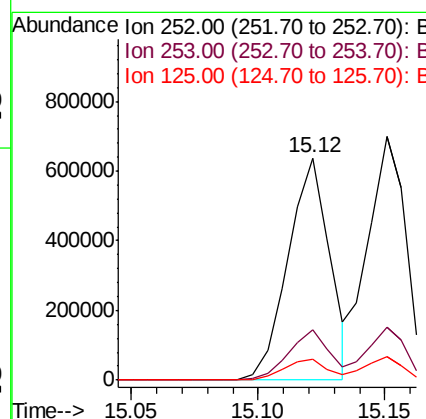
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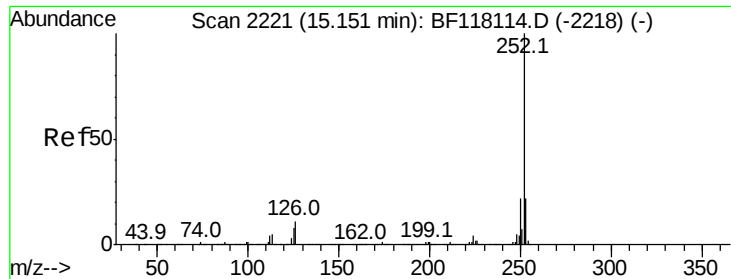
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.002 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	9.4	8.3	12.5





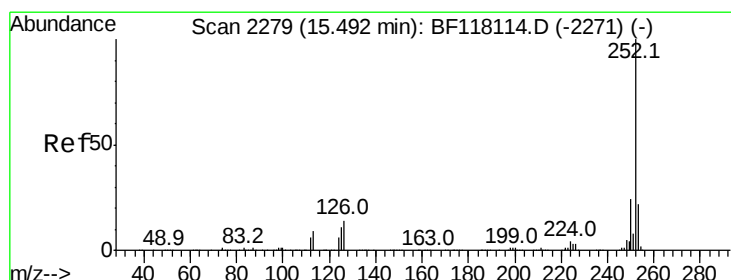
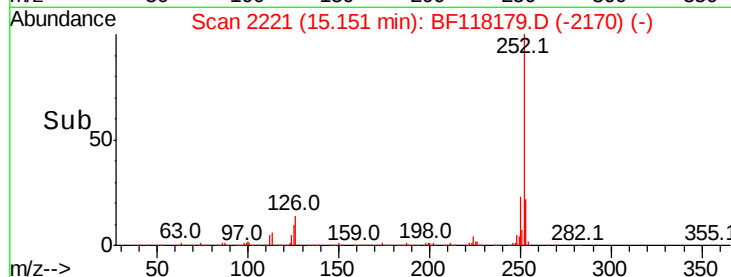
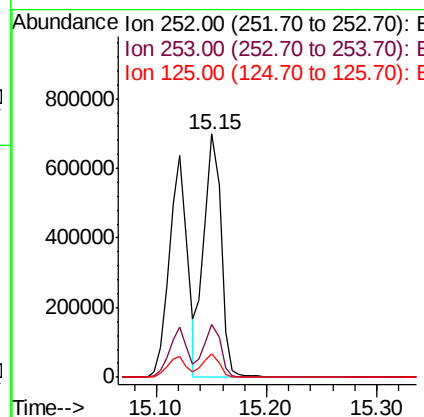
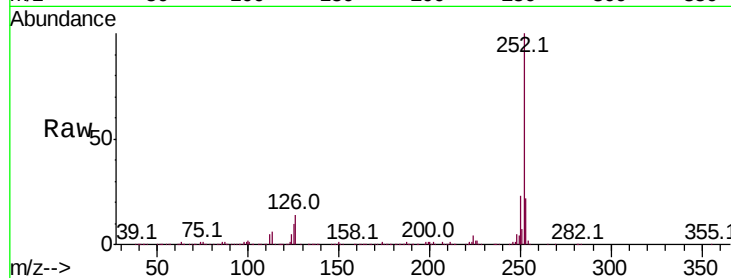
#89
Benzo(k)fluoranthene
Concen: 39.040 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.7	6.7	10.1

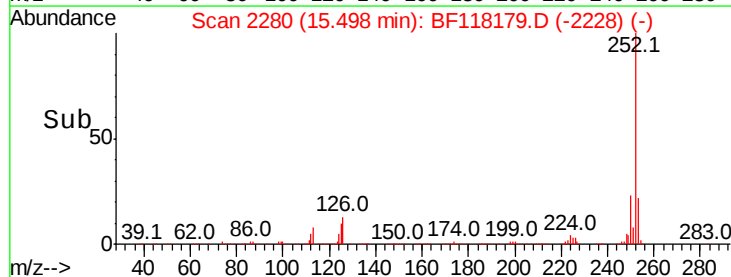
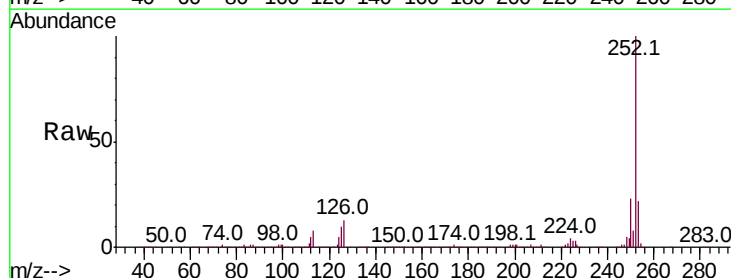
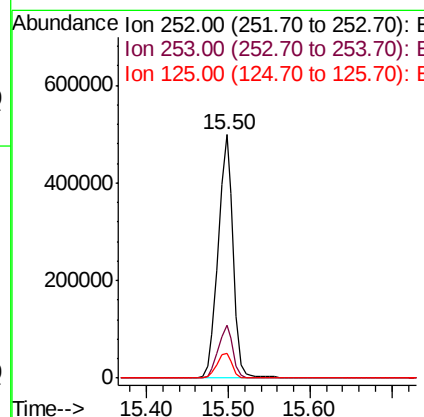
Manual Integrations
APPROVED

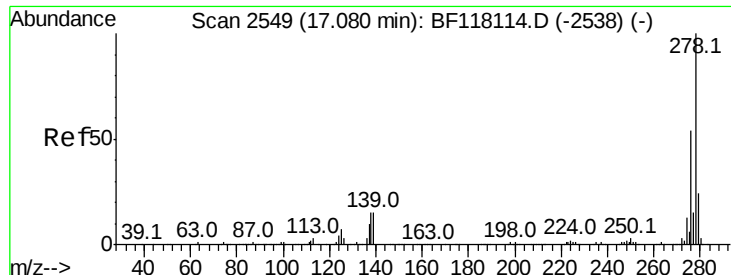
mohammad
12/16/2019 12:25:04 PM



#90
Benzo(a)pyrene
Concen: 36.454 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.2	9.1	13.7





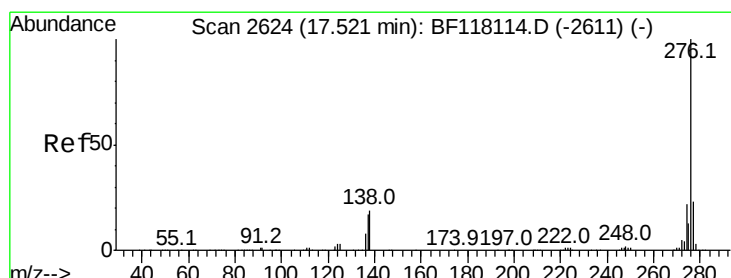
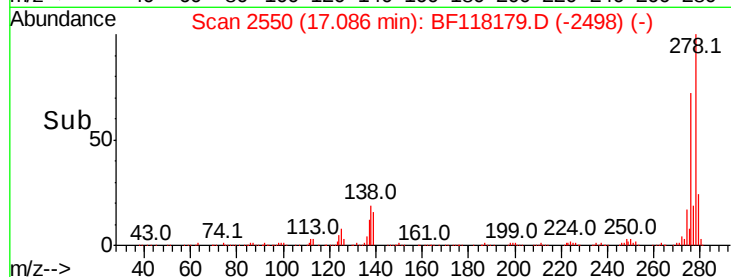
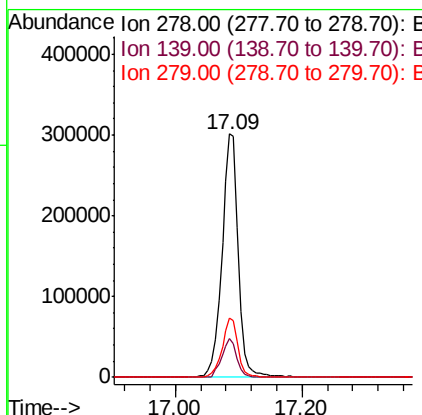
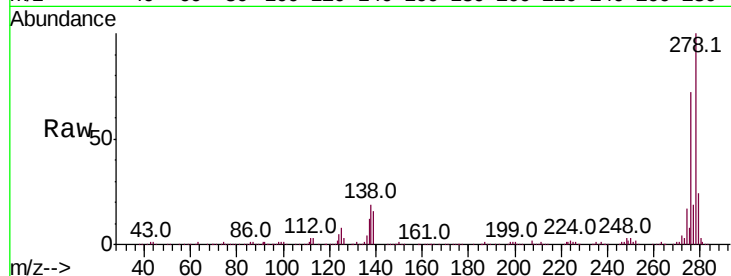
#91
Dibenzo(a,h)anthracene
Concen: 36.185 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Instrument :
BNA_F
ClientSampleId :
PB125387BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	24.4	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/16/2019 12:25:04 PM



#92
Benzo(g,h,i)perylene
Concen: 36.025 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118179.D
Acq: 13 Dec 2019 11:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	19.7	15.5	23.3

