

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121319\
 Data File : BF118178.D
 Acq On : 13 Dec 2019 10:41
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
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mohammad
 12/16/2019 12:25:01 PM

Quant Time: Dec 13 17:48:58 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	146321	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	561093	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	300351	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	562336	20.00	ng	0.00
76) Chrysene-d12	14.07	240	388149	20.00	ng	0.00
87) Perylene-d12	15.56	264	338782	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	632197	75.67	ng	0.00
7) Phenol-d6	6.50	99	769811	76.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	751595	75.36	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	283792	77.78	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1538798	77.96	ng	0.00
79) Terphenyl-d14	13.00	244	1788291	79.23	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.63	88	128620	36.513 ng	99
3) Pyridine	3.39	79	331719	36.500 ng	98
4) n-Nitrosodimethylamine	3.35	42	143688	36.752 ng	100
6) Aniline	6.53	93	482987	37.367 ng	98
8) 2-Chlorophenol	6.66	128	361834	38.411 ng	97
9) Benzaldehyde	6.42	77	203492	38.254 ng	95
10) Phenol	6.52	94	435617	37.802 ng	90
11) bis(2-Chloroethyl)ether	6.60	93	318235	38.183 ng	98
12) 1,3-Dichlorobenzene	6.81	146	425844	38.698 ng	98
13) 1,4-Dichlorobenzene	6.89	146	432442	39.026 ng	98
14) 1,2-Dichlorobenzene	7.05	146	404424	38.864 ng	99
15) Benzyl Alcohol	7.02	79	303270	38.448 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	394100	39.328 ng	96
17) 2-Methylphenol	7.13	107	285049	38.046 ng	98
18) Hexachloroethane	7.39	117	160256	39.249 ng	99
19) n-Nitroso-di-n-propylamine	7.29	70	243330	39.629 ng	97
20) 3+4-Methylphenols	7.28	107	362185	38.486 ng	91
22) Acetophenone	7.29	105	510883	37.899 ng	# 93
24) Nitrobenzene	7.46	77	365347	37.284 ng	99
25) Isophorone	7.70	82	638889	37.788 ng	99
26) 2-Nitrophenol	7.77	139	199744	38.138 ng	96
27) 2,4-Dimethylphenol	7.81	122	261731	37.464 ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	427688	38.712 ng	98
29) 2,4-Dichlorophenol	8.02	162	312921	38.422 ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	369235	38.794 ng	99
31) Naphthalene	8.18	128	1078946	38.289 ng	99
32) Benzoic acid	7.95	122	247805	39.285 ng	97
33) 4-Chloroaniline	8.23	127	455232	37.414 ng	99
34) Hexachlorobutadiene	8.30	225	224158	39.275 ng	99
35) Caprolactam	8.61	113	94388	37.581 ng	98
36) 4-Chloro-3-methylphenol	8.72	107	324132	37.819 ng	97
37) 2-Methylnaphthalene	8.87	142	734660	38.509 ng	100
38) 1-Methylnaphthalene	8.97	142	692967	38.686 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	345643	37.988 ng	100

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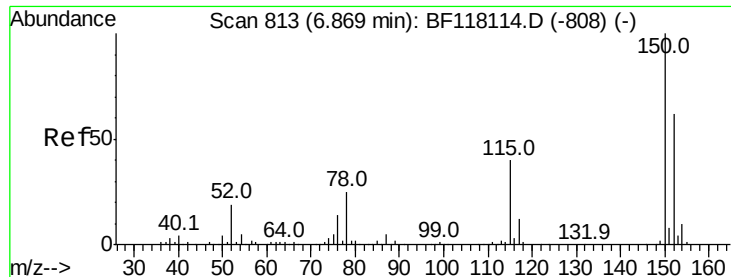
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	139522	34.225	ng	99
43) 2,4,6-Trichlorophenol	9.15	196	228929	37.683	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	240577	38.223	ng	96
46) 1,1'-Biphenyl	9.34	154	914674	38.613	ng	100
47) 2-Chloronaphthalene	9.36	162	724545	38.024	ng	96
48) 2-Nitroaniline	9.46	65	203875	37.518	ng	99
49) Acenaphthylene	9.78	152	1073840	38.208	ng	99
50) Dimethylphthalate	9.64	163	853454	38.470	ng	99
51) 2,6-Dinitrotoluene	9.70	165	181173	37.556	ng	96
52) Acenaphthene	9.96	154	652293	38.025	ng	98
53) 3-Nitroaniline	9.87	138	213328	37.577	ng	98
54) 2,4-Dinitrophenol	9.99	184	89149	37.145	ng	92
55) Dibenzofuran	10.13	168	958435	38.130	ng	100
56) 4-Nitrophenol	10.04	139	131934	33.487	ng	98
57) 2,4-Dinitrotoluene	10.12	165	249433	38.739	ng	93
58) Fluorene	10.47	166	775628	38.829	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	198682	38.262	ng	98
60) Diethylphthalate	10.34	149	858277	39.266	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	393783	39.180	ng	95
62) 4-Nitroaniline	10.49	138	217335	36.706	ng	99
63) Azobenzene	10.62	77	722368	38.713	ng	99
65) 4,6-Dinitro-2-methylphenol	10.53	198	114285	36.801	ng	90
66) n-Nitrosodiphenylamine	10.58	169	669387	38.118	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	249216	38.824	ng	# 90
68) Hexachlorobenzene	11.02	284	291704	38.608	ng	99
69) Atrazine	11.11	200	182283	36.517	ng	99
70) Pentachlorophenol	11.22	266	132067	37.169	ng	100
71) Phenanthrene	11.44	178	1135144	37.973	ng	100
72) Anthracene	11.49	178	1150115	38.568	ng	99
73) Carbazole	11.65	167	1009316	37.723	ng	99
74) Di-n-butylphthalate	11.97	149	1390505	41.526	ng	99
75) Fluoranthene	12.63	202	1156665	37.845	ng	99
77) Benzidine	12.75	184	231288	22.635	ng	100
78) Pyrene	12.86	202	1163724	38.045	ng	99
80) Butylbenzylphthalate	13.47	149	576872	41.643	ng	98
81) Benzo(a)anthracene	14.06	228	1015523	37.837	ng	99
82) 3,3'-Dichlorobenzidine	14.02	252	336897	38.220	ng	99
83) Chrysene	14.09	228	960822	37.477	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	804721	44.055	ng	98
85) Di-n-octyl phthalate	14.65	149	1220672	44.115	ng	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	767526	35.580	ng	100
88) Benzo(b)fluoranthene	15.12	252	846605	37.785	ng	97
89) Benzo(k)fluoranthene	15.15	252	821903m	38.184	ng	
90) Benzo(a)pyrene	15.50	252	743032	37.548	ng	98
91) Dibenzo(a,h)anthracene	17.09	278	640750	37.751	ng	99
92) Benzo(g,h,i)perylene	17.53	276	587766	36.037	ng	98

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



#1

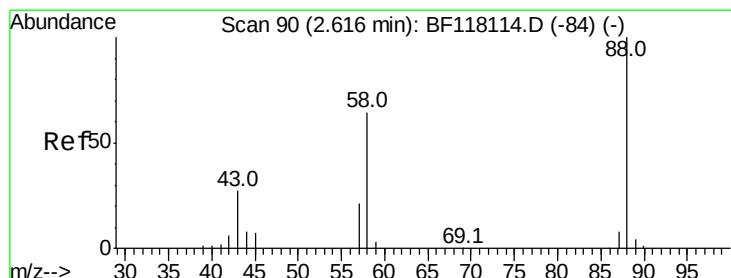
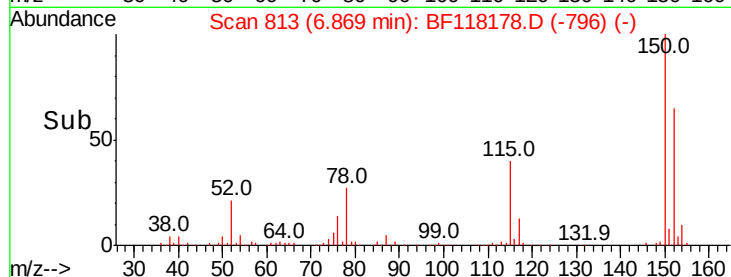
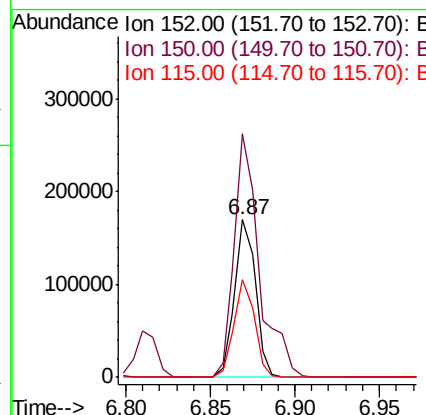
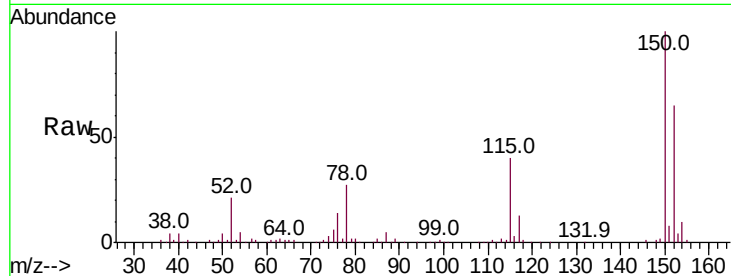
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	128.3	192.5
115	62.1	51.1	76.7

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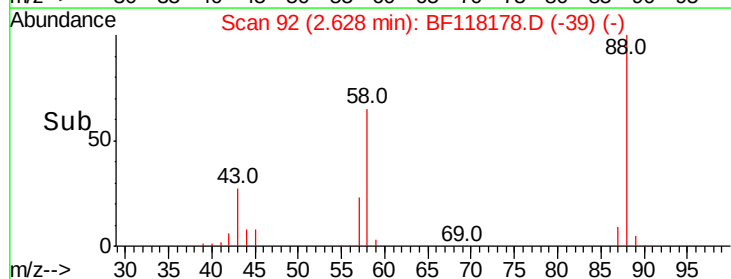
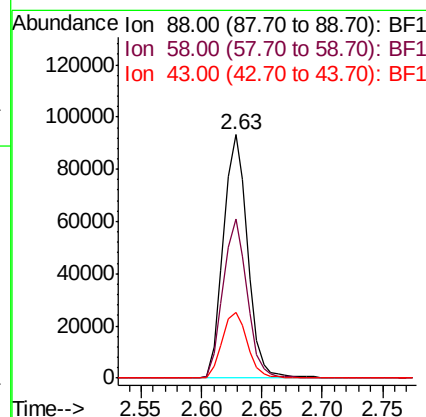
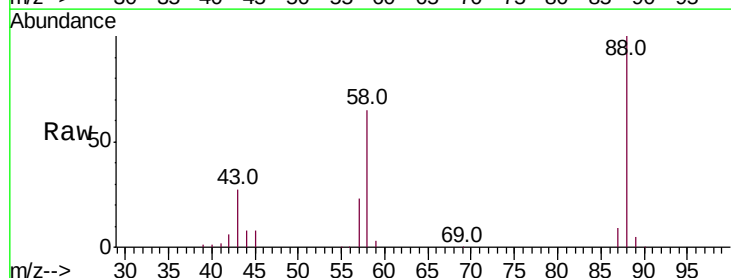
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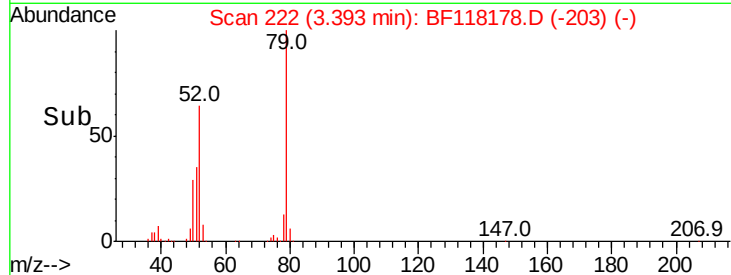
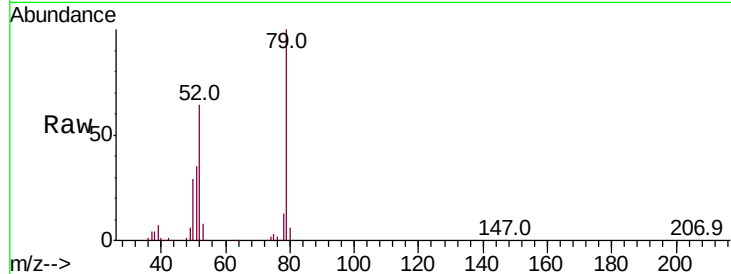
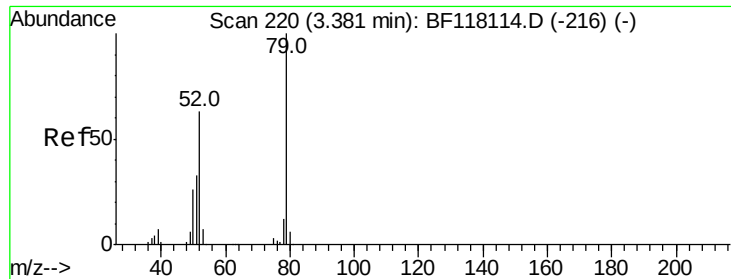


#2

1,4-Dioxane
Concen: 36.513 ng
RT: 2.63 min Scan# 92
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.2	52.2	78.4
43	27.9	21.4	32.2





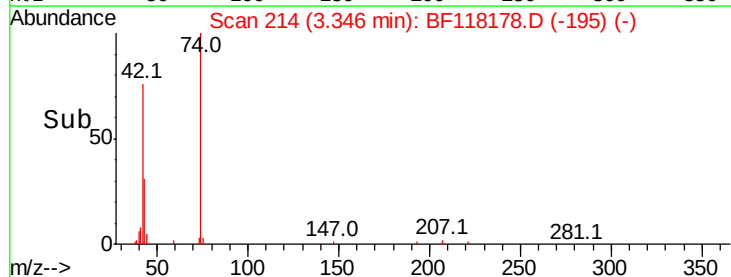
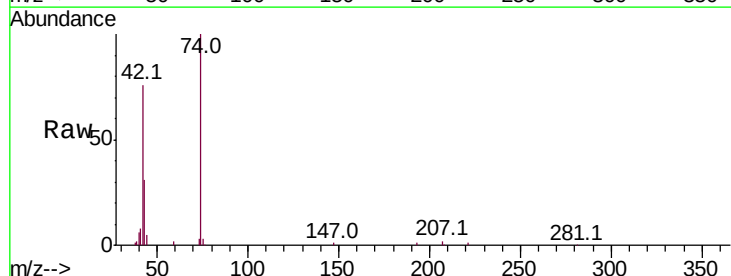
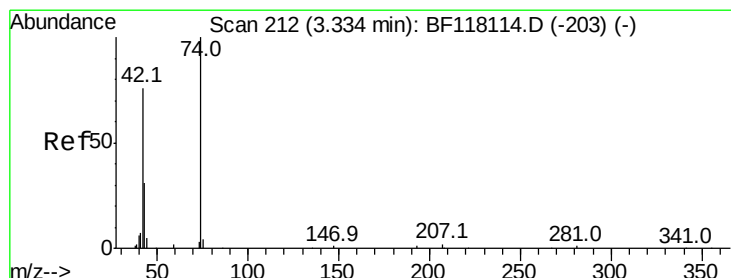
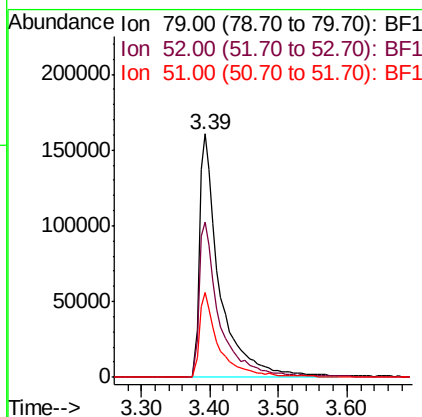
#3
Pvridine
Concen: 36.500 ng
RT: 3.39 min Scan# 222
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.0	50.7	76.1
51	34.9	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

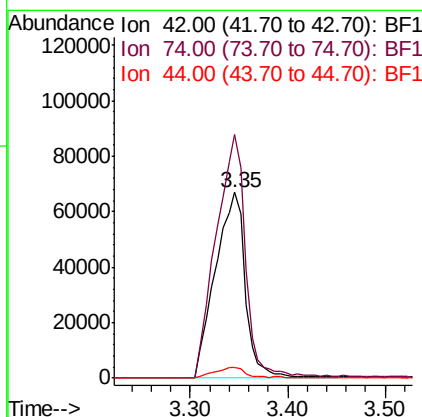
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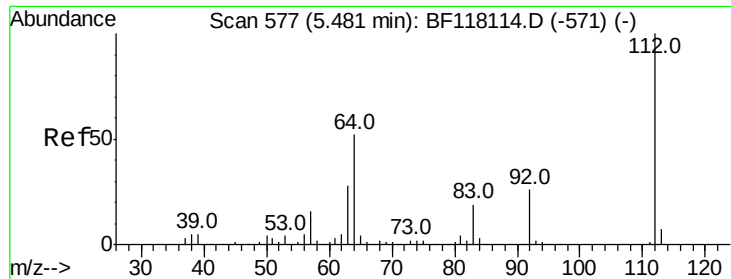
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#4
n-Nitrosodimethylamine
Concen: 36.752 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.1	104.6	157.0
44	5.9	5.1	7.7





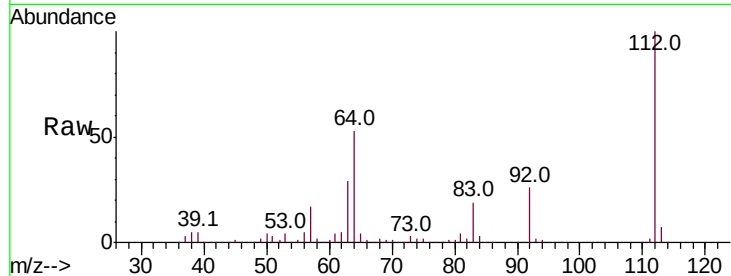
#5
2-Fluorophenol
Concen: 75.674 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

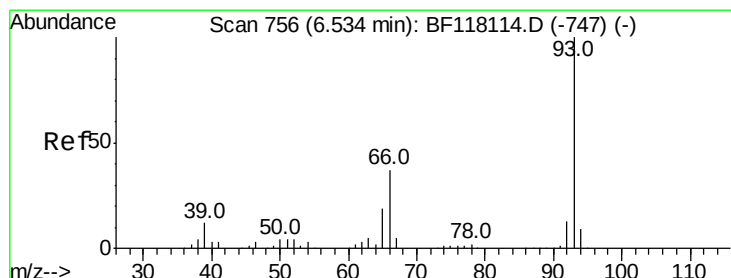
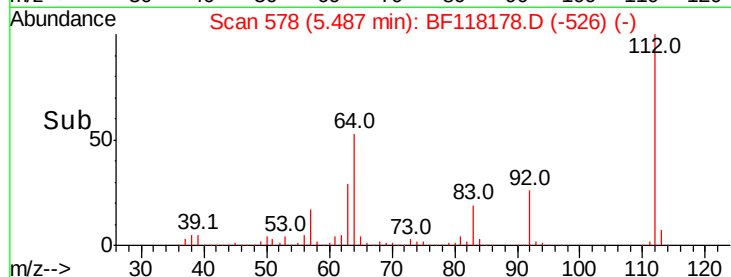
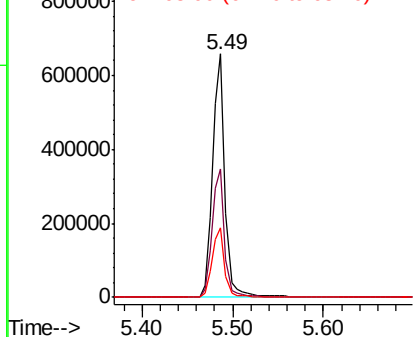
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		632197		
64	52.8	41.3	61.9		
63	28.8	22.4	33.6		

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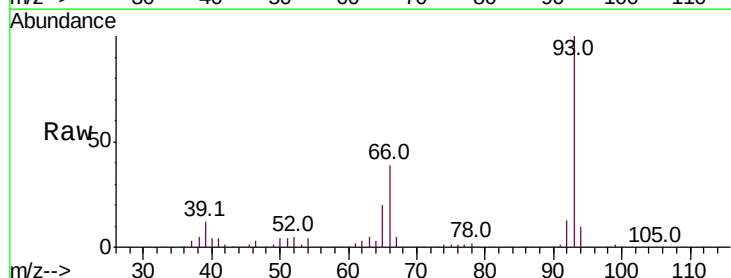


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

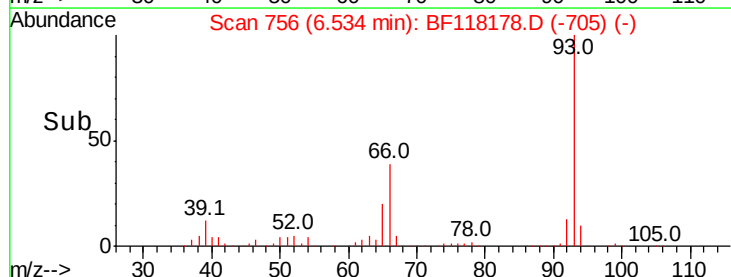
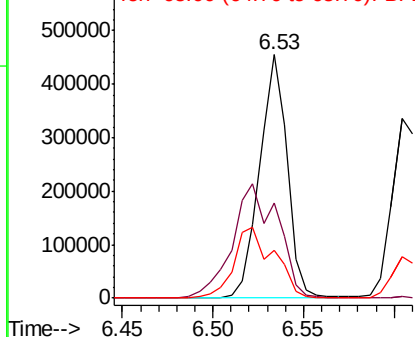


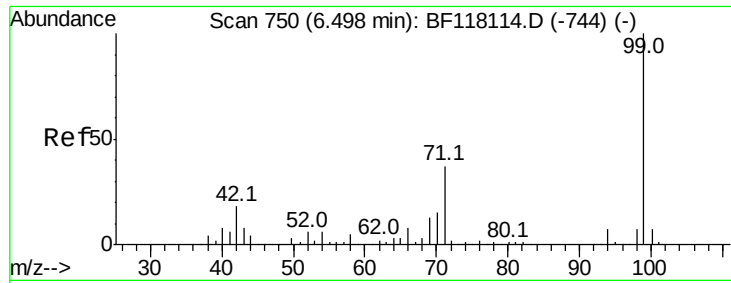
#6
Aniline
Concen: 37.367 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		482987		
66	38.9	30.2	45.2		
65	19.7	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: 76.184 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

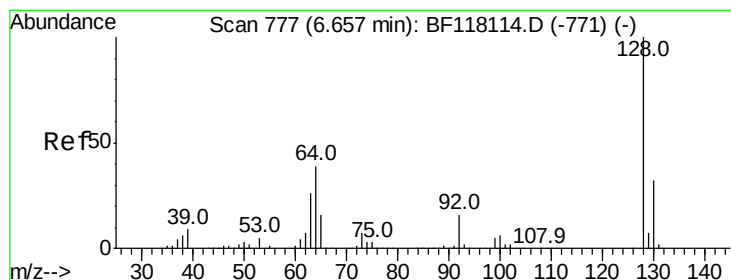
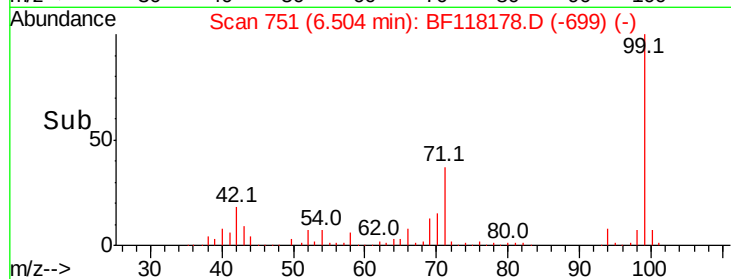
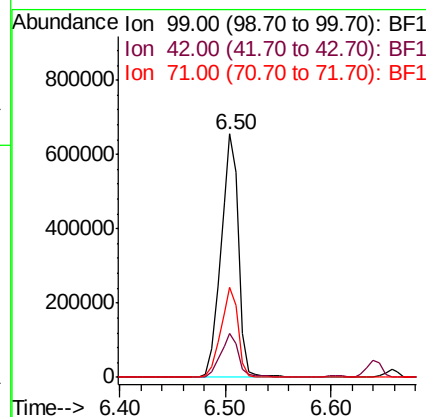
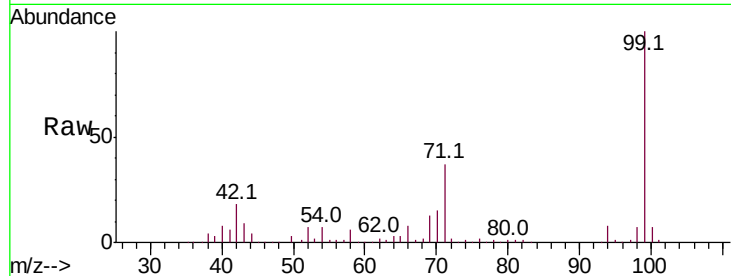
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
99	100		
42	18.0	14.1	21.1
71	36.8	29.7	44.5

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#8

2-Chlorophenol

Concen: 38.411 ng

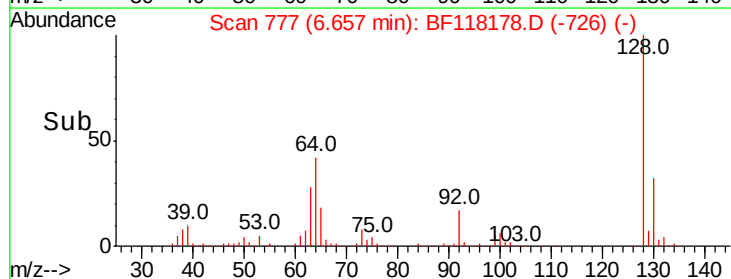
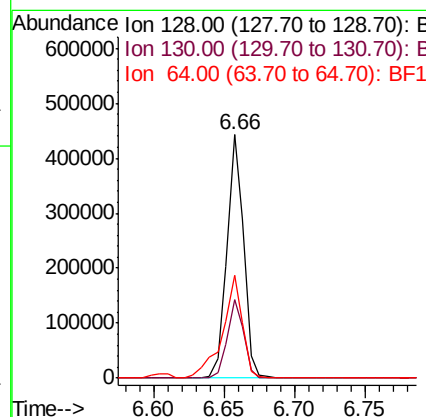
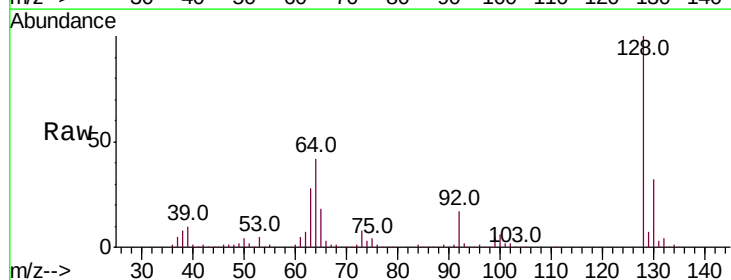
RT: 6.66 min Scan# 777

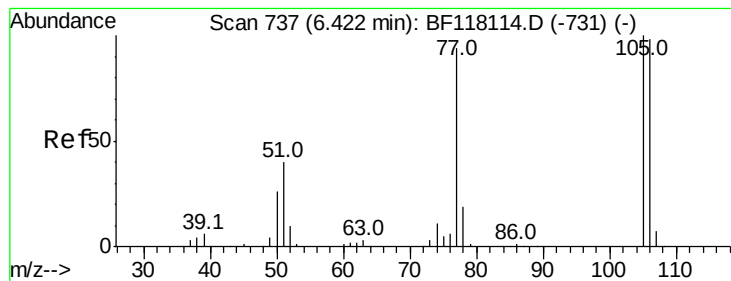
Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.1	52.1
64	42.2	19.3	59.3





#9

Benzaldehyde

Concen: 38.254 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

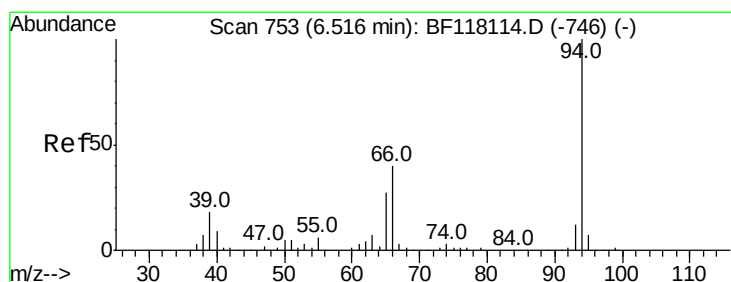
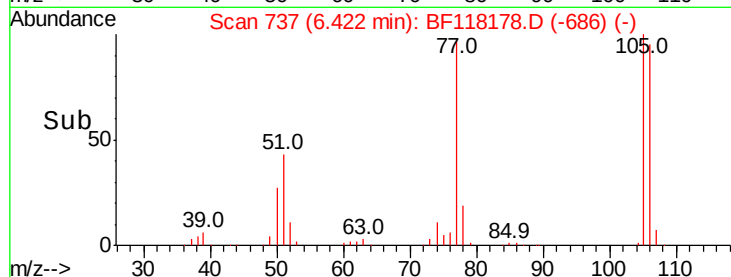
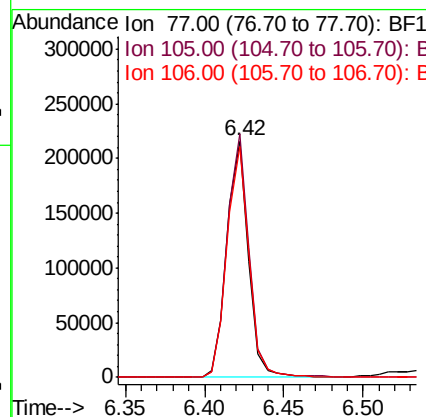
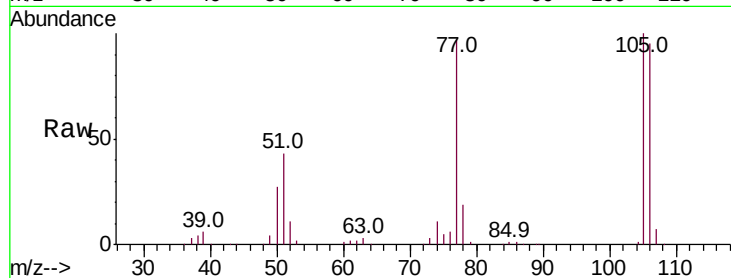
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.1	86.4	126.4		
106	97.6	83.8	123.8		

Manual Integrations
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#10

Phenol

Concen: 37.802 ng

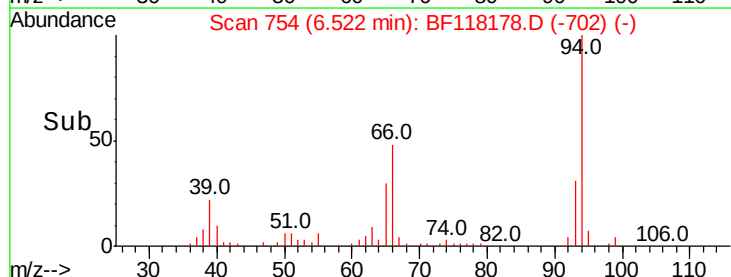
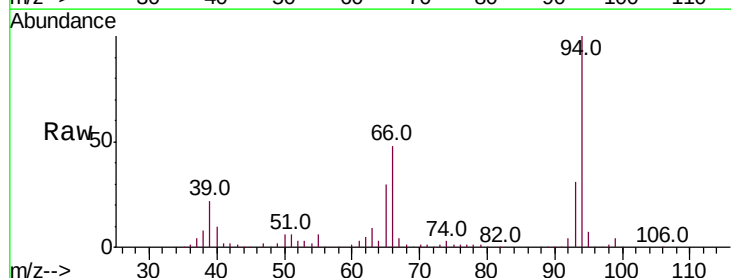
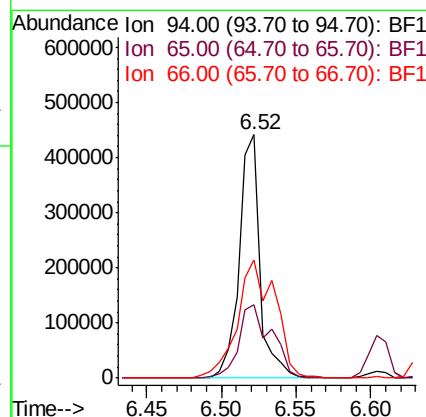
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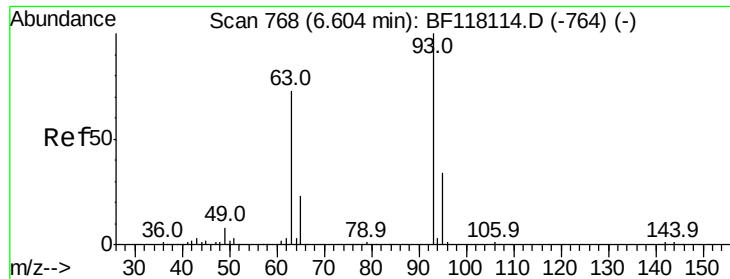
Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	30.0	7.3	47.3		
66	48.3	20.2	60.2		





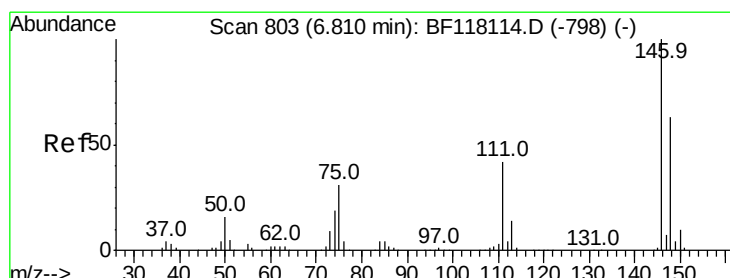
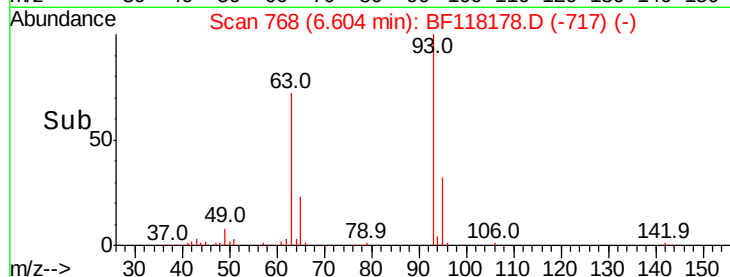
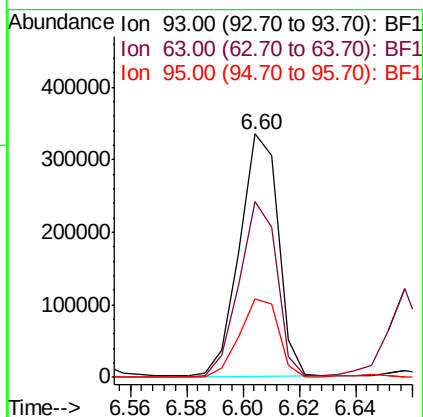
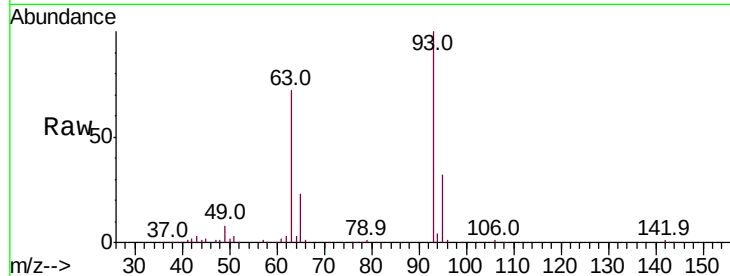
#11
bis(2-Chloroethyl)ether
Concen: 38.183 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	72.1	53.2	93.2	
95	32.2	13.8	53.8	

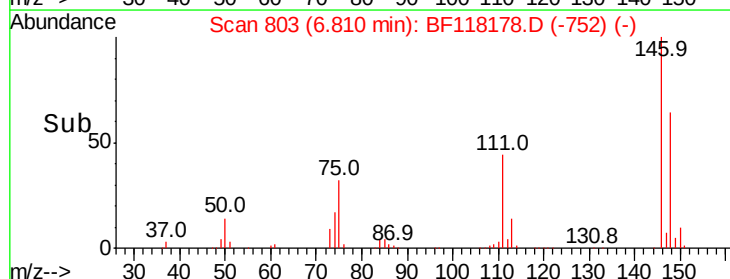
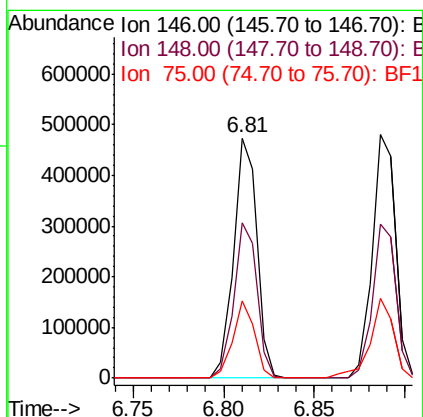
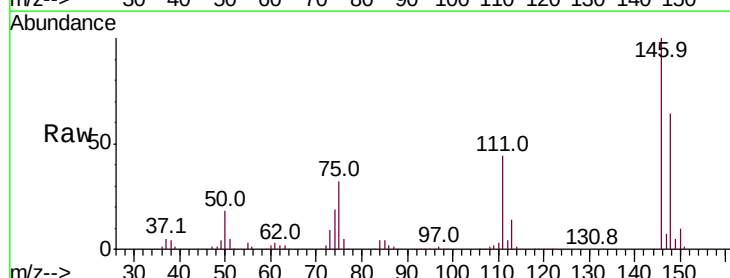
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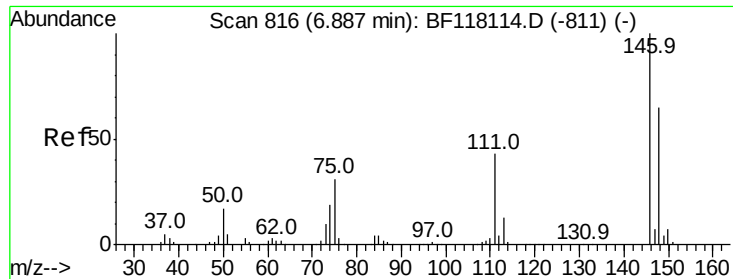
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#12
1,3-Dichlorobenzene
Concen: 38.698 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.4	50.2	75.4	
75	32.0	24.6	37.0	





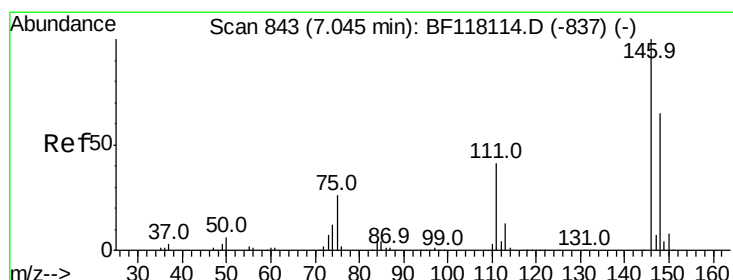
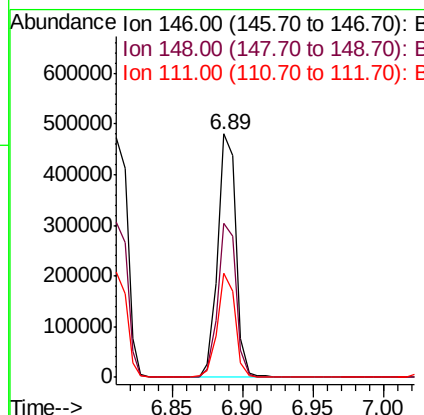
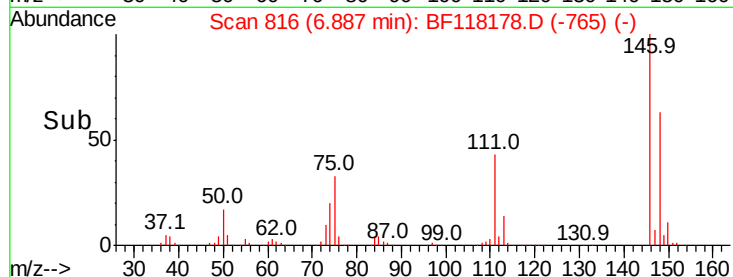
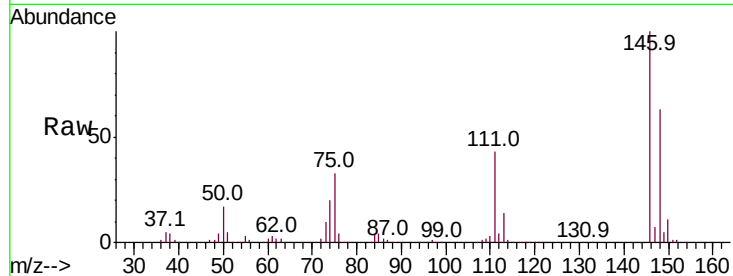
#13
1,4-Dichlorobenzene
Concen: 39.026 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.1	78.1
111	43.0	34.6	52.0

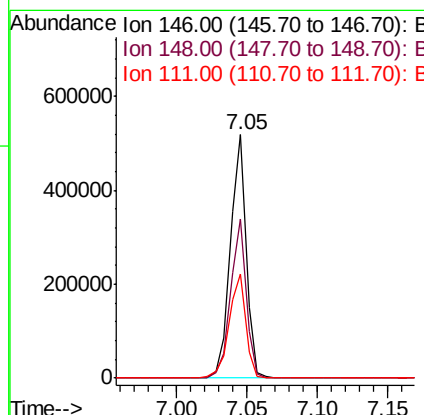
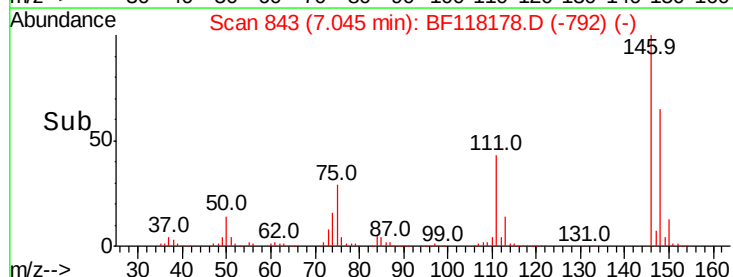
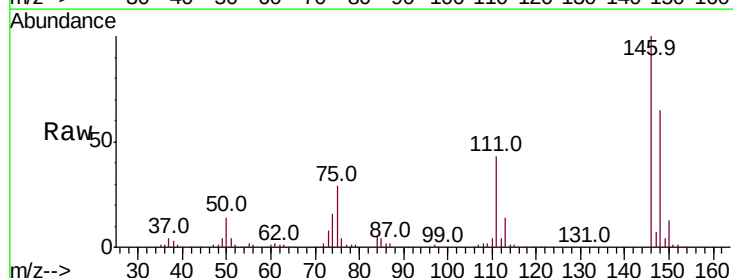
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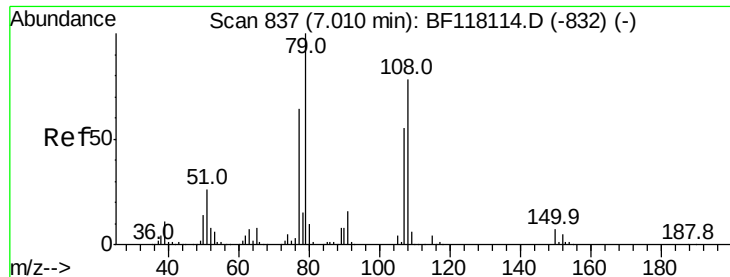
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#14
1,2-Dichlorobenzene
Concen: 38.864 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	43.0	33.1	49.7





#15

Benzyl Alcohol

Concen: 38.448 ng

RT: 7.02 min Scan# 838

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 303270

Ion Ratio Lower Upper

79 100

108 78.0 62.7 94.1

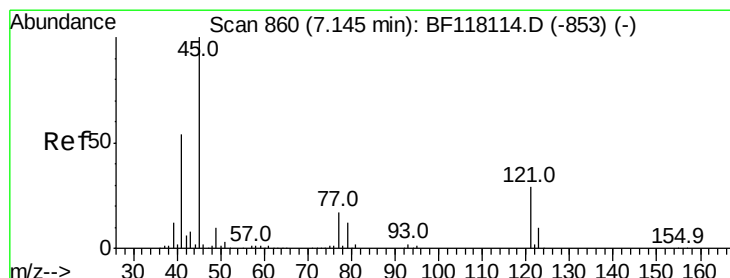
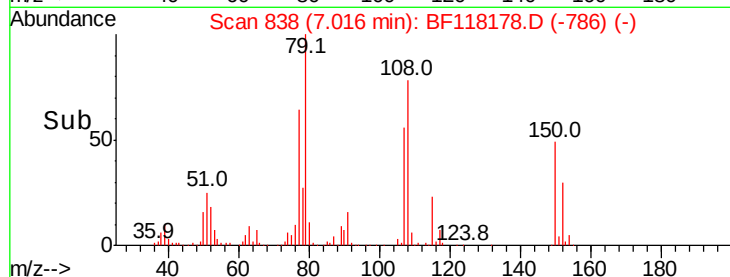
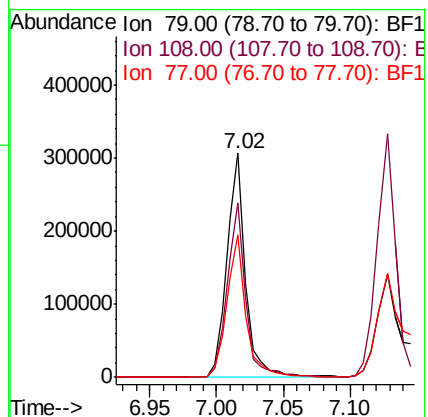
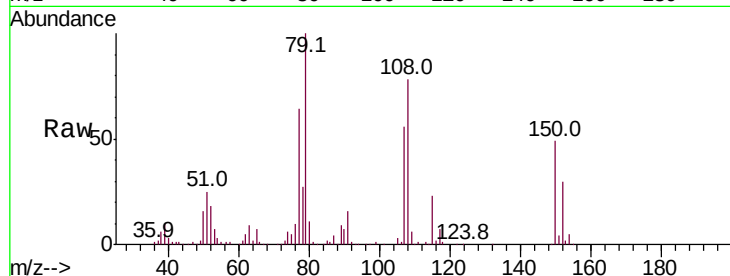
77 63.5 51.4 77.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.328 ng

RT: 7.15 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

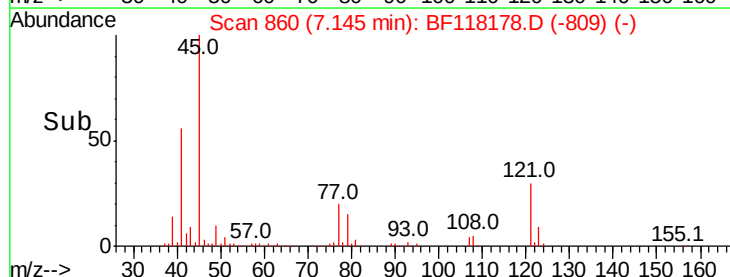
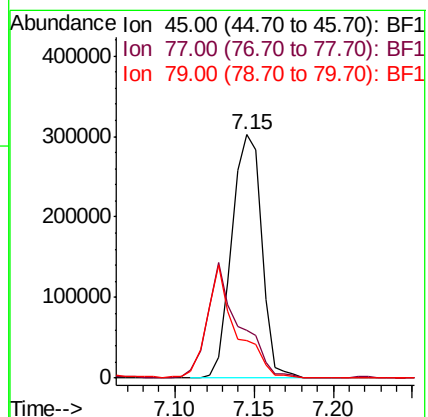
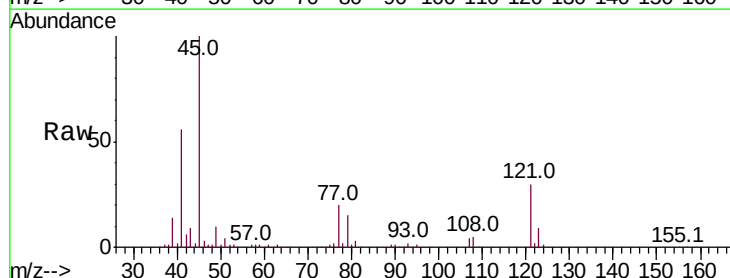
Tgt Ion: 45 Resp: 394100

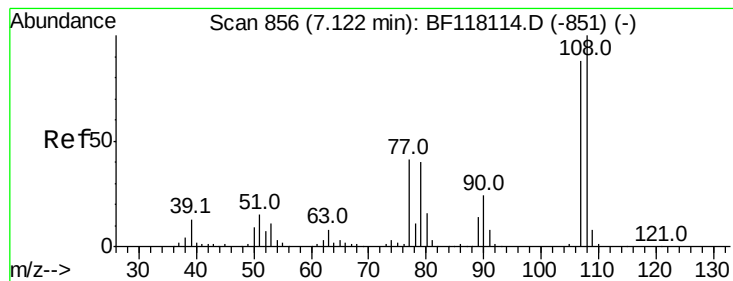
Ion Ratio Lower Upper

45 100

77 19.5 0.0 38.0

79 15.5 0.0 33.2





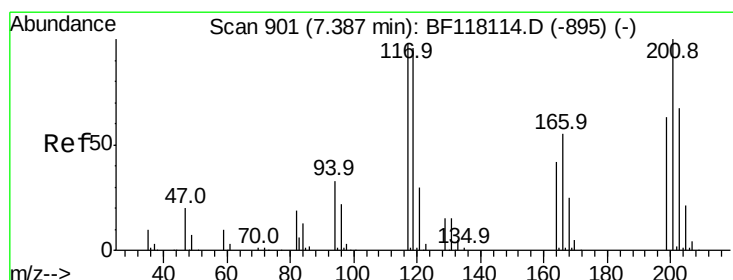
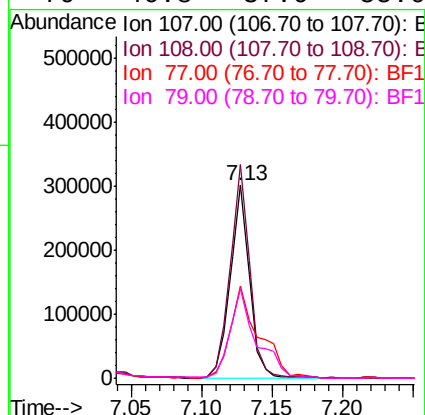
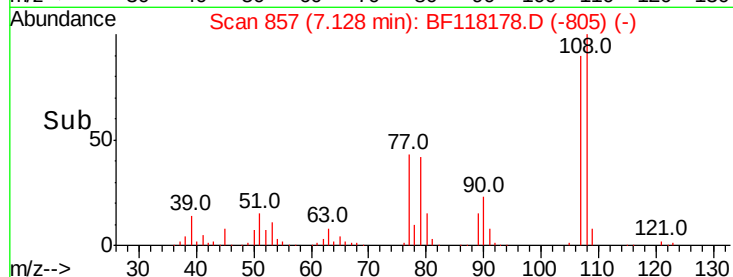
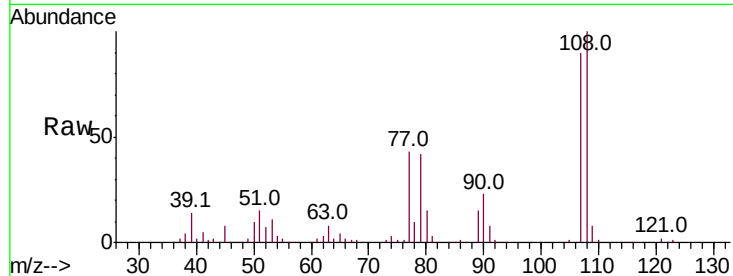
#17
2-Methylphenol
Concen: 38.046 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	91.1	136.7
77	47.6	37.8	56.6
79	46.8	37.0	55.6

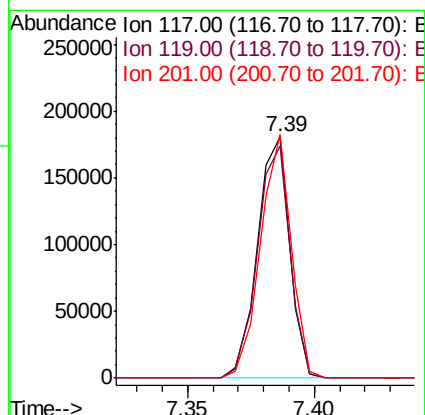
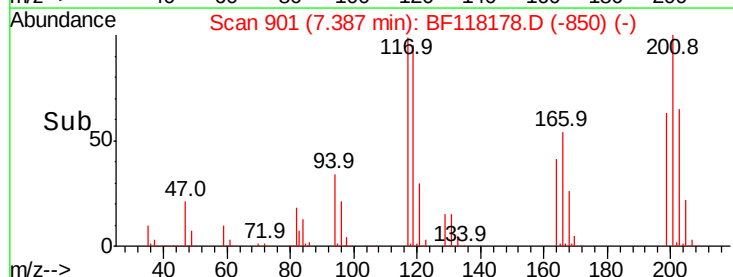
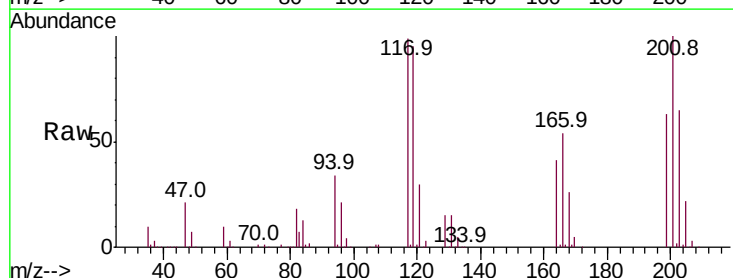
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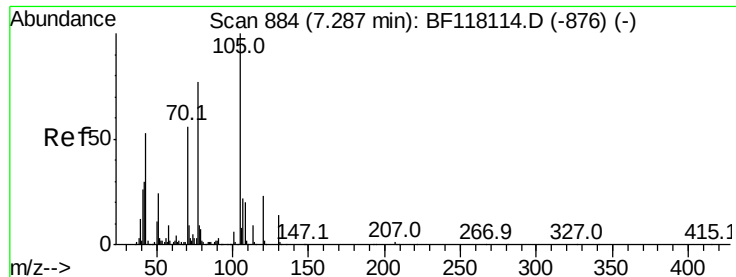
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#18
Hexachloroethane
Concen: 39.249 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	78.2	117.4
201	100.9	81.6	122.4





#19

n-Nitroso-di-n-propylamine

Concen: 39.629 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BF118178.D

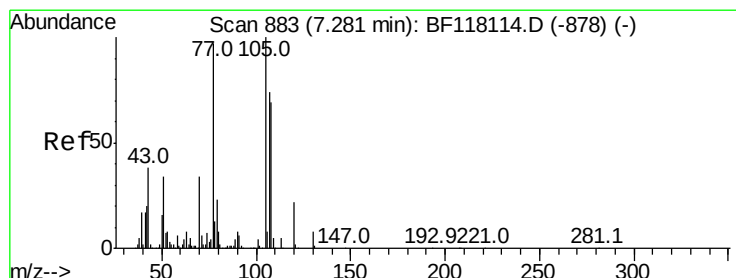
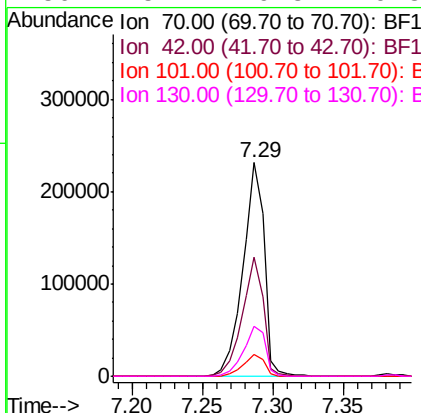
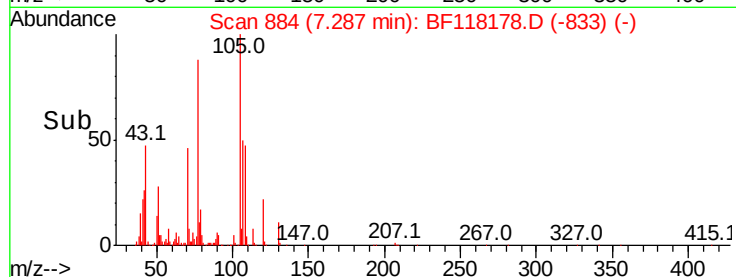
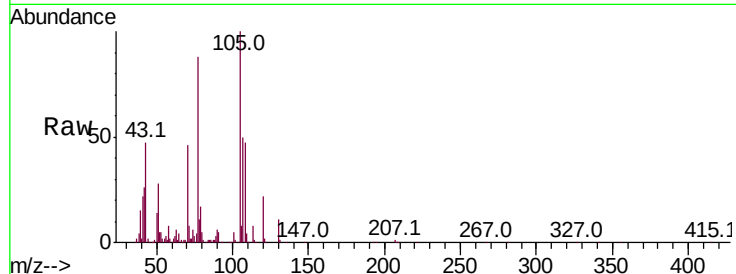
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.0	43.2	64.8
101	10.2	8.1	12.1
130	23.2	19.8	29.8

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#20

3+4-Methylphenols

Concen: 38.486 ng

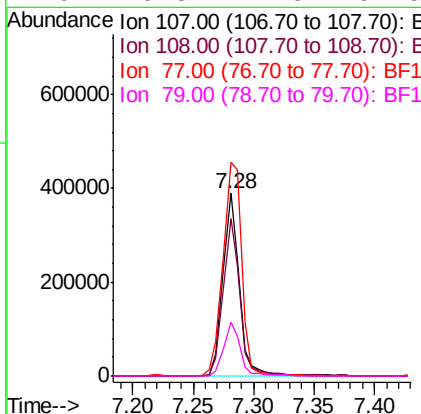
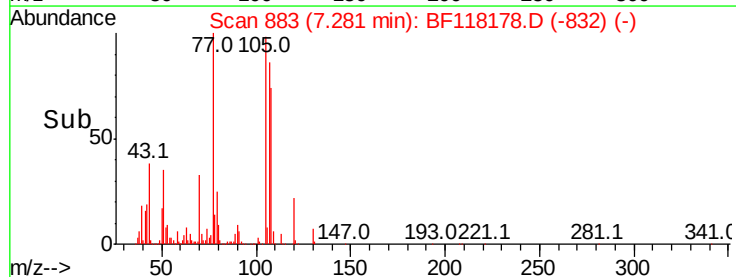
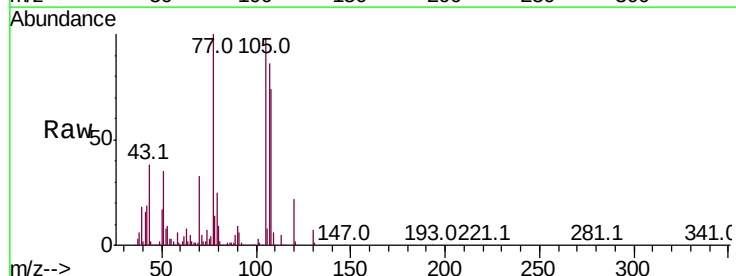
RT: 7.28 min Scan# 883

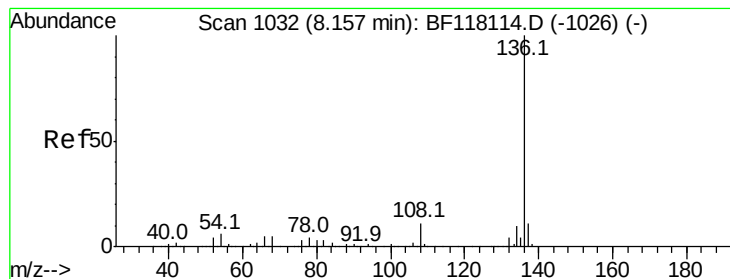
Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	73.2	113.2
77	116.8	110.9	150.9
79	29.3	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: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

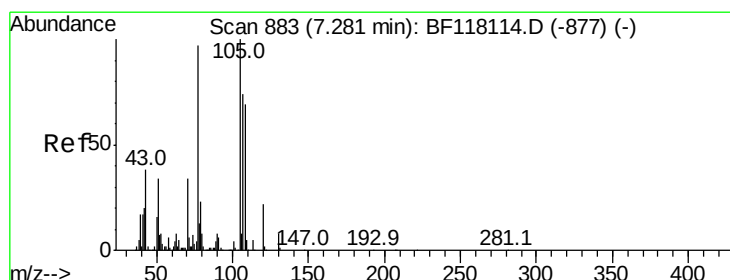
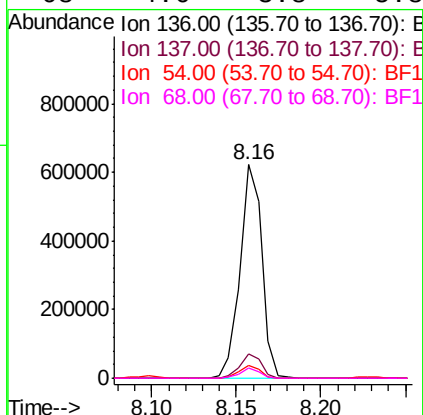
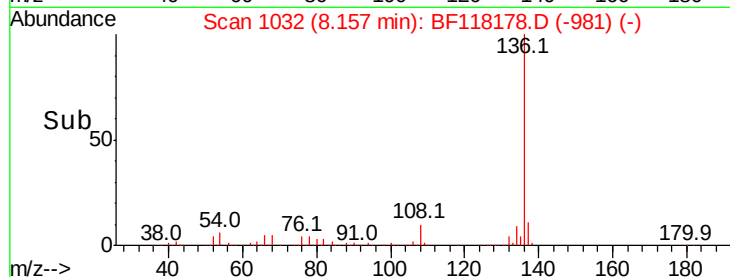
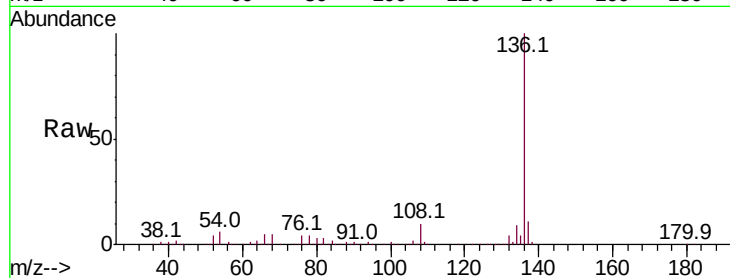
ClientSampleId :

SSTDCCC040

Tot Ion	136	Resp	561093
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.0	13.6
54	6.2	5.0	7.6
68	4.6	3.8	5.8

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#22

Acetophenone

Concen: 37.899 ng

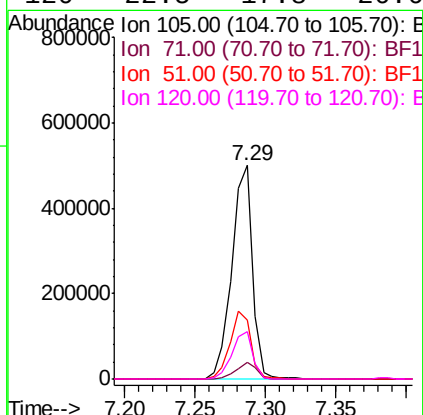
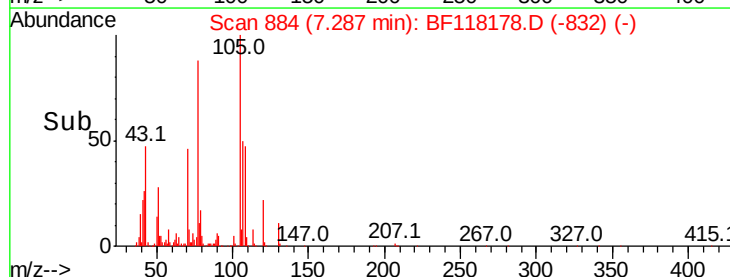
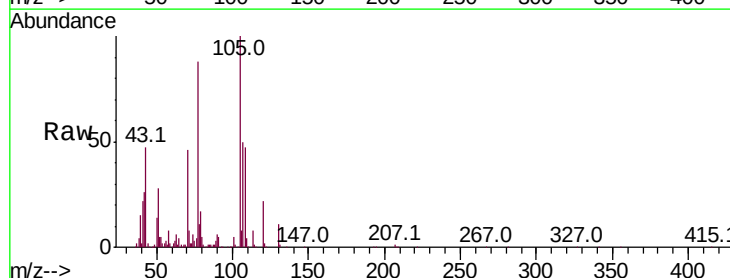
RT: 7.29 min Scan# 884

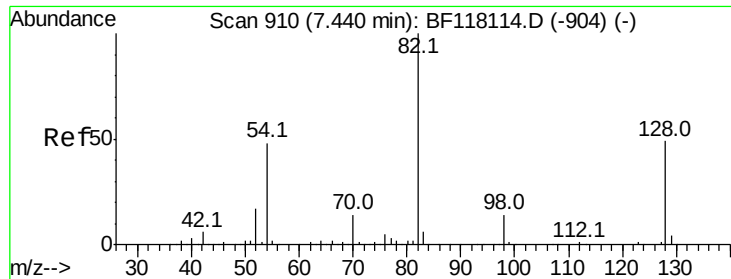
Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	105	Resp	510883
Ion Ratio	Lower	Upper	
105	100		
71	7.8	4.7	7.1#
51	27.5	27.1	40.7
120	22.5	17.8	26.6





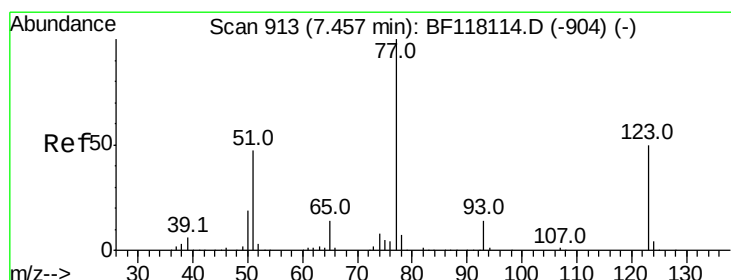
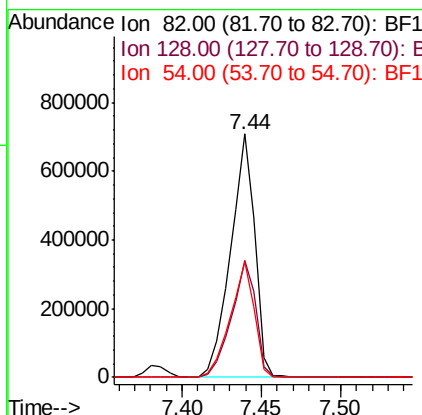
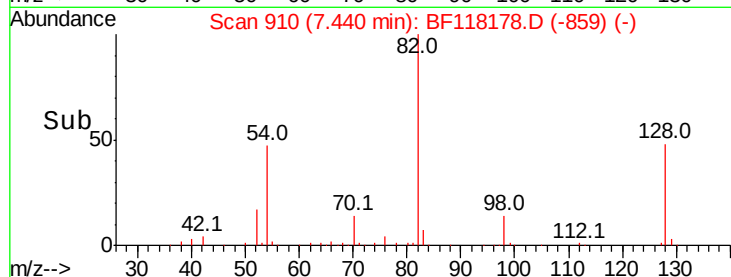
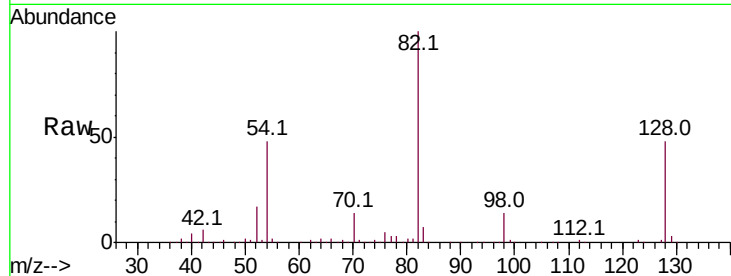
#23
 Nitrobenzene-d5
 Concen: 75.358 ng
 RT: 7.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	751595		
128	47.8		39.1	58.7
54	47.6		38.2	57.2

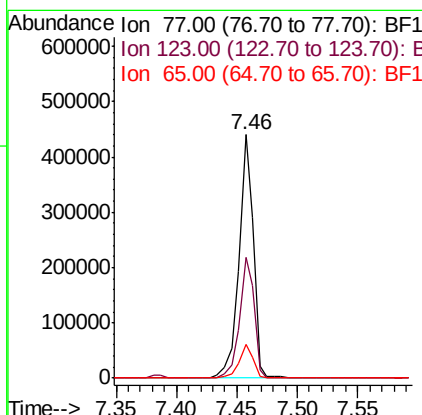
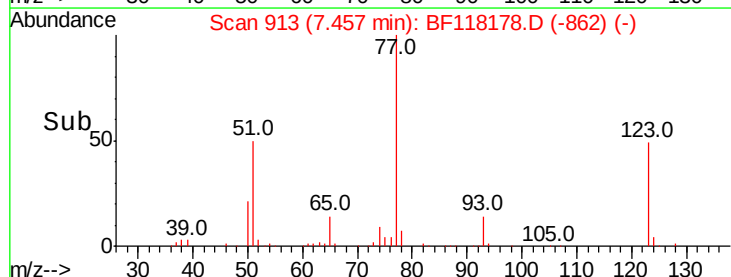
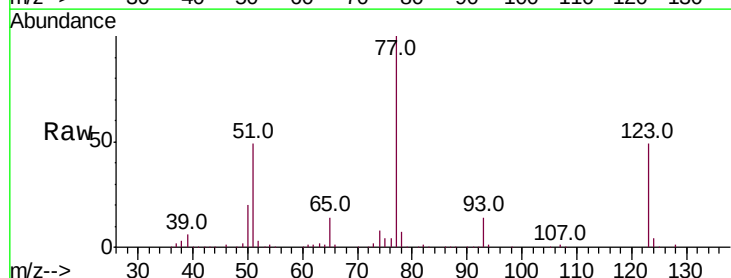
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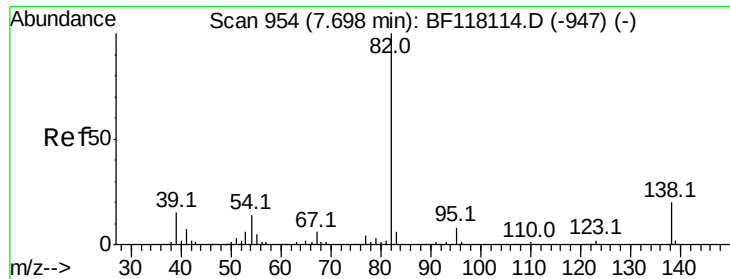
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#24
 Nitrobenzene
 Concen: 37.284 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	365347		
123	49.3		40.1	60.1
65	13.7		10.9	16.3





#25

Isophorone

Concen: 37.788 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

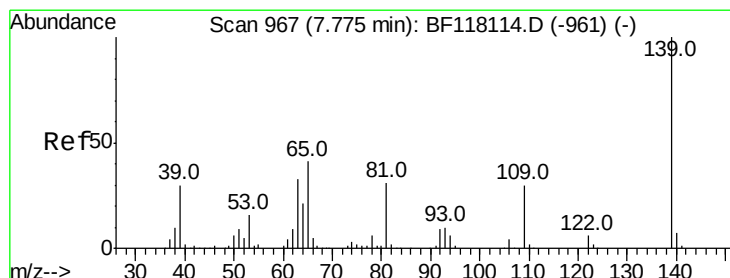
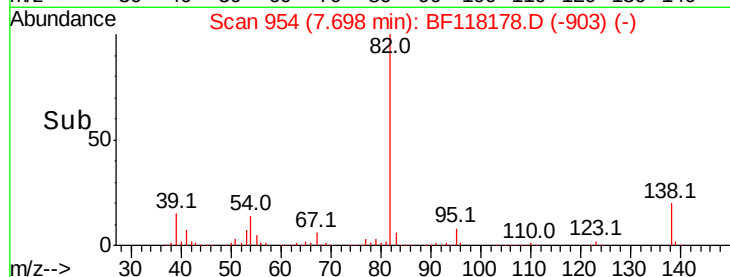
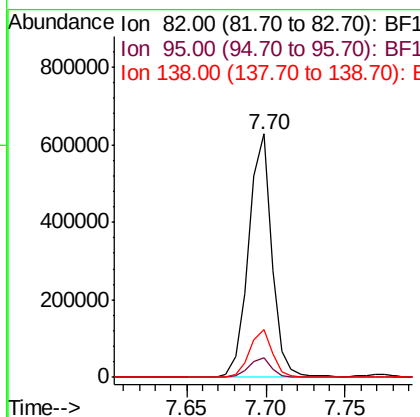
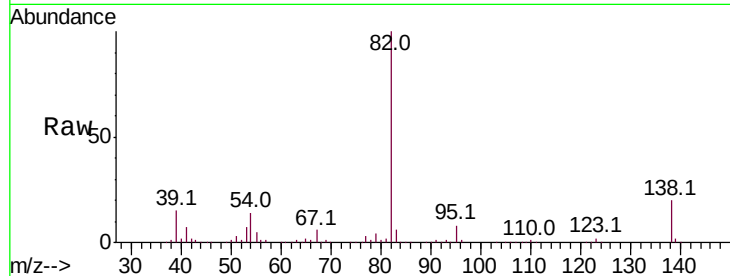
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	638889
Ion Ratio		Lower	Upper
82	100		
95	8.0	6.3	9.5
138	19.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 38.138 ng

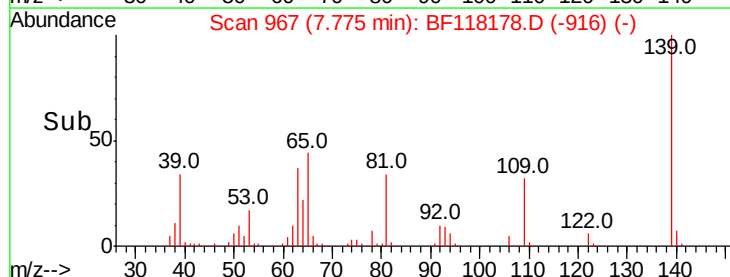
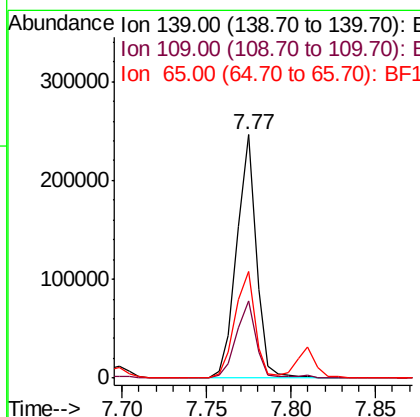
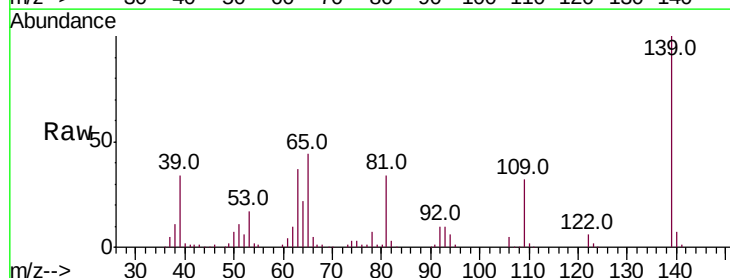
RT: 7.77 min Scan# 967

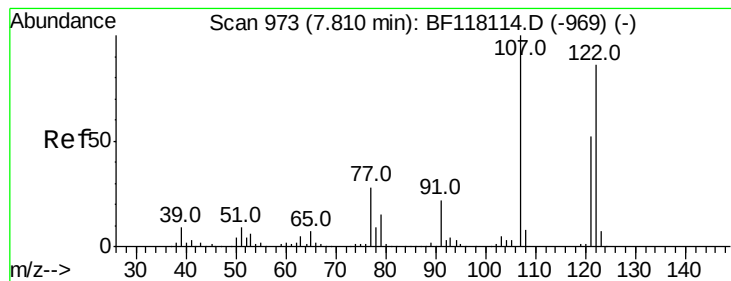
Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion:	139	Resp:	199744
Ion Ratio		Lower	Upper
139	100		
109	31.6	23.9	35.9
65	44.0	33.0	49.6





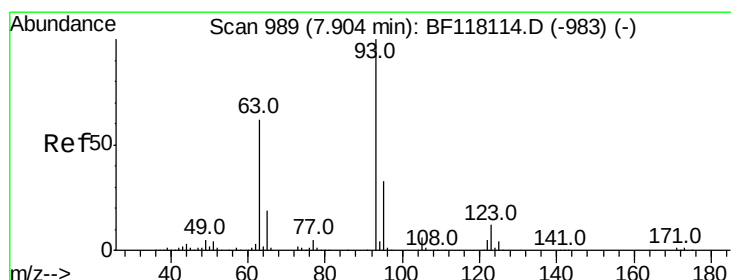
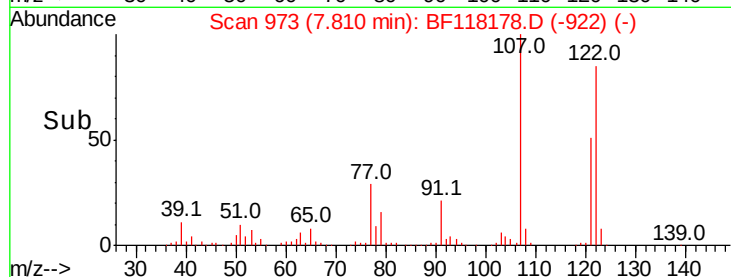
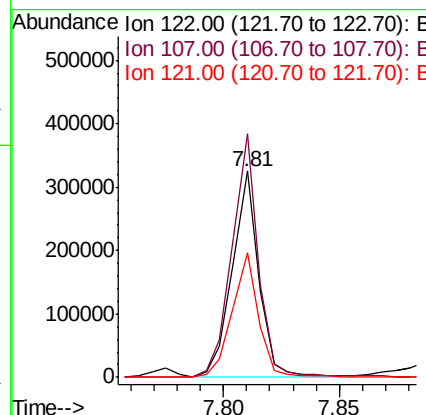
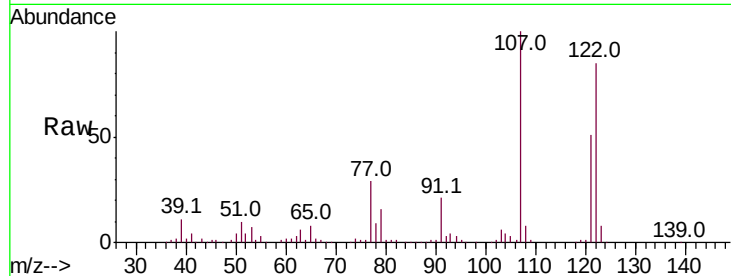
#27
2,4-Dimethylphenol
Concen: 37.464 ng
RT: 7.81 min Scan# 973
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.1	92.9	139.3
121	60.4	48.3	72.5

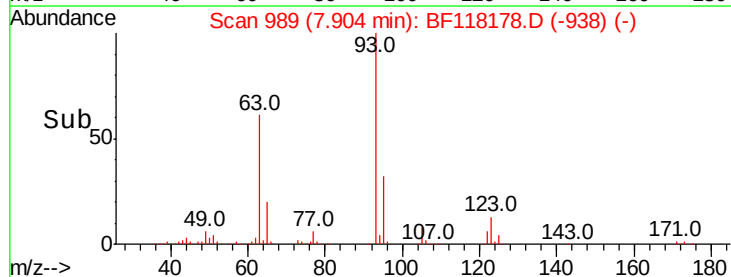
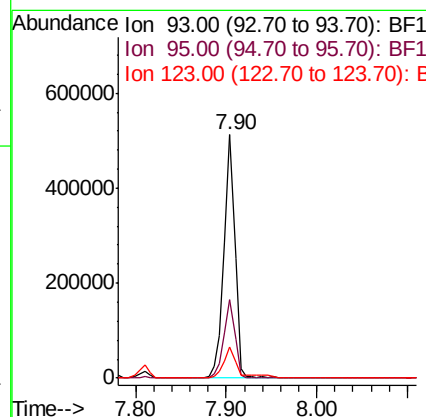
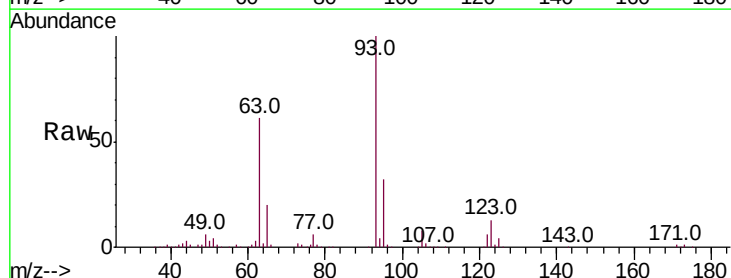
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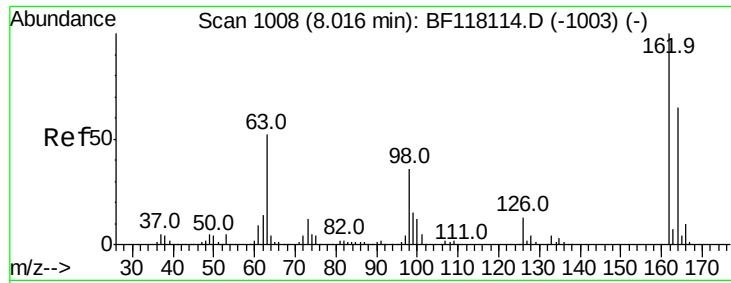
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#28
bis(2-Chloroethoxy)methane
Concen: 38.712 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.7	40.1
123	12.8	10.0	15.0





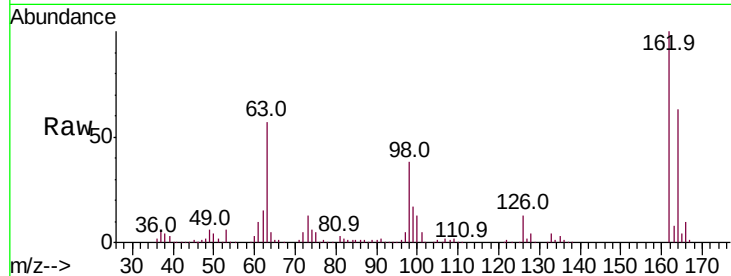
#29
2,4-Dichlorophenol
Concen: 38.422 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	312921		
164	63.3	45.2	85.2	
98	38.2	15.9	55.9	

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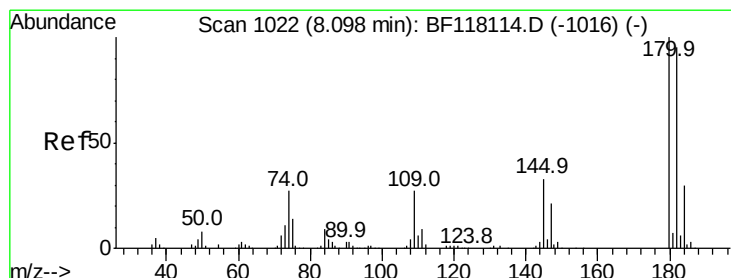
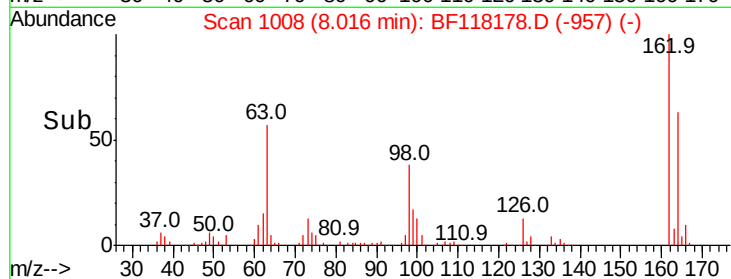
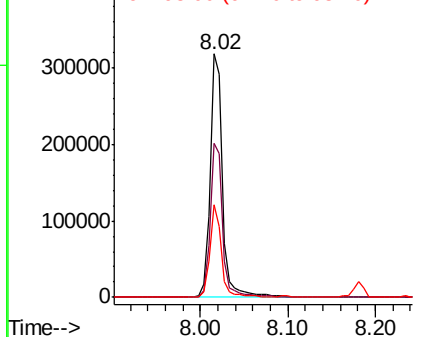


Abundance

Ion 162.00 (161.70 to 162.70): E

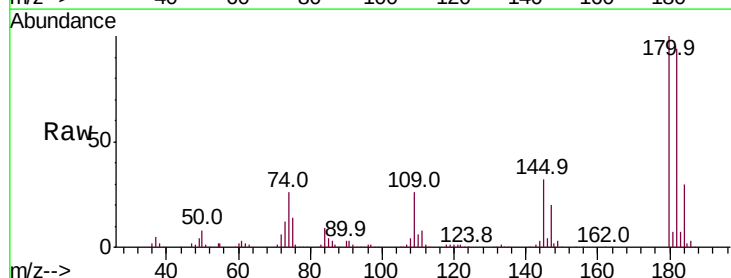
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.794 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	369235		
182	93.7	76.1	114.1	
145	32.2	26.1	39.1	

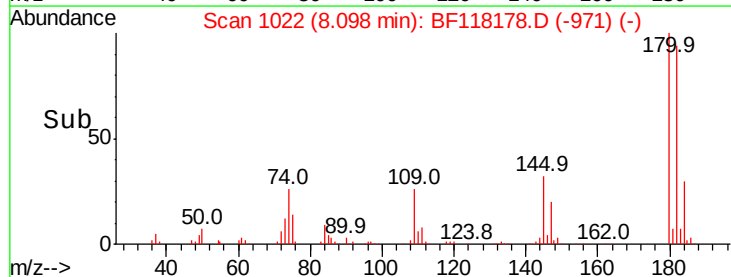
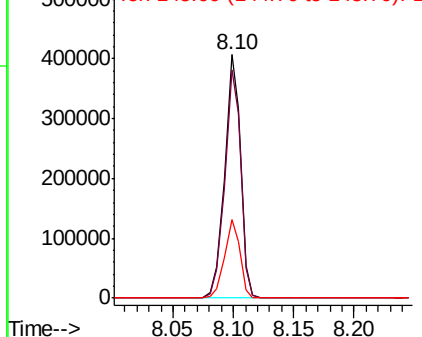


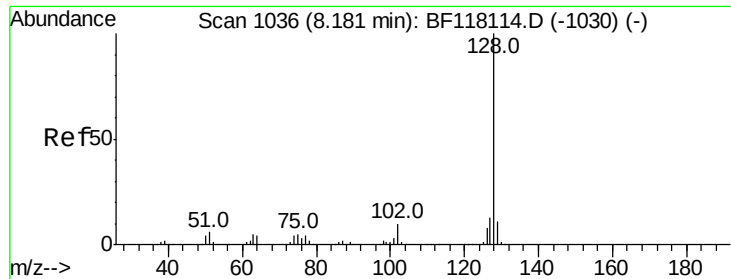
Abundance

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





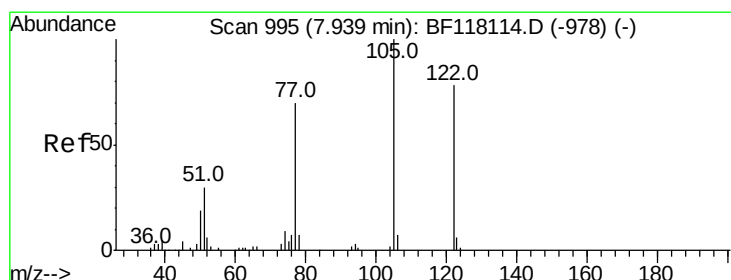
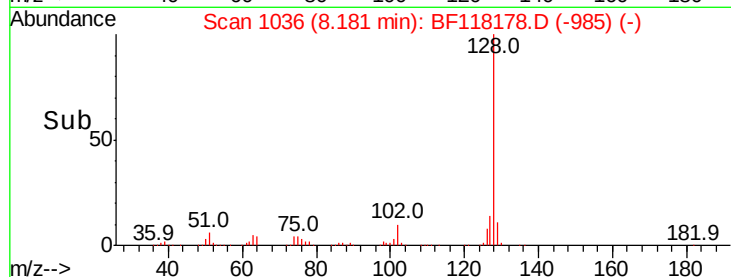
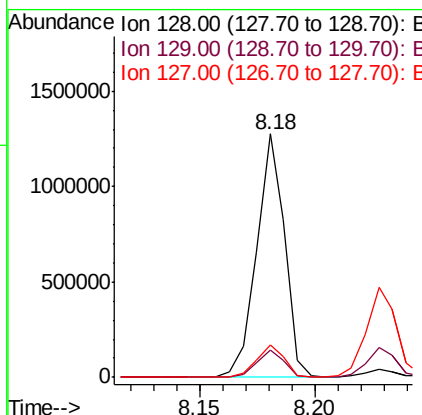
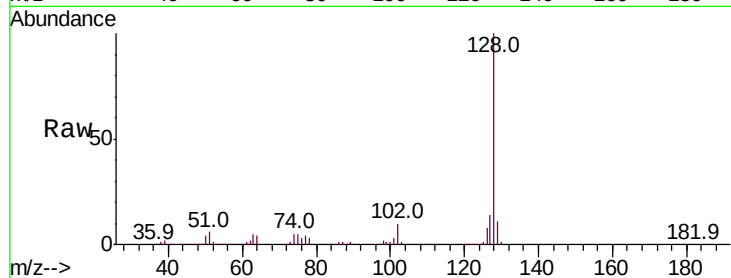
#31
Naphthalene
Concen: 38.289 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.6	10.6	16.0

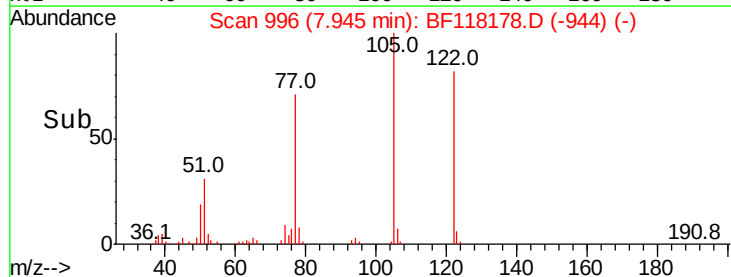
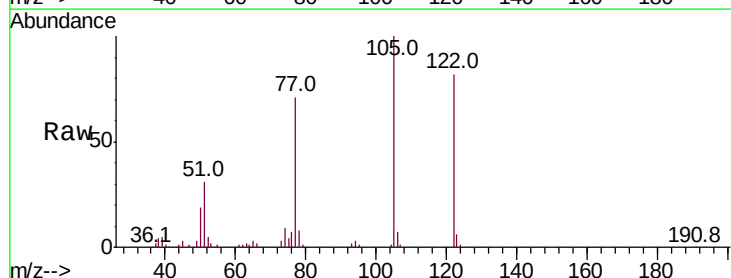
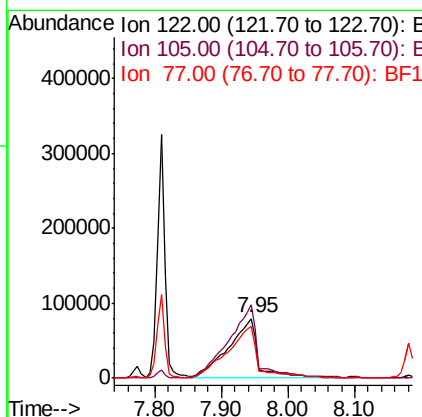
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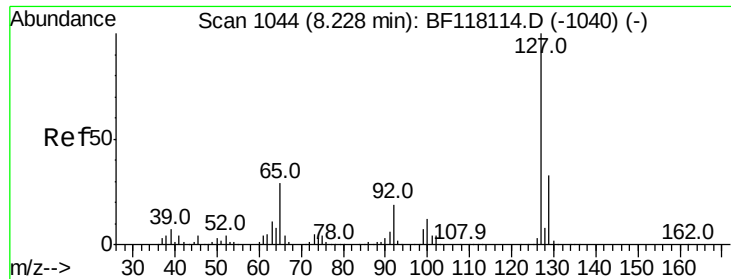
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#32
Benzoic acid
Concen: 39.285 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.7	104.7	144.7
77	86.6	69.1	109.1





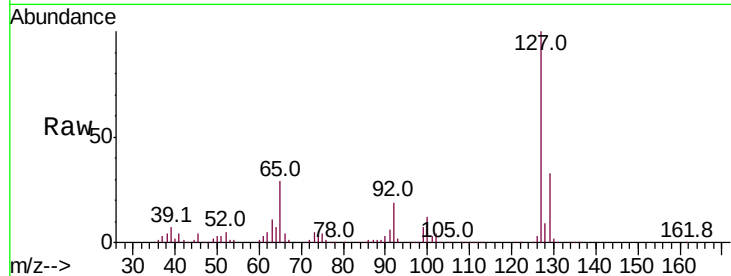
#33
4-Chloroaniline
Concen: 37.414 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

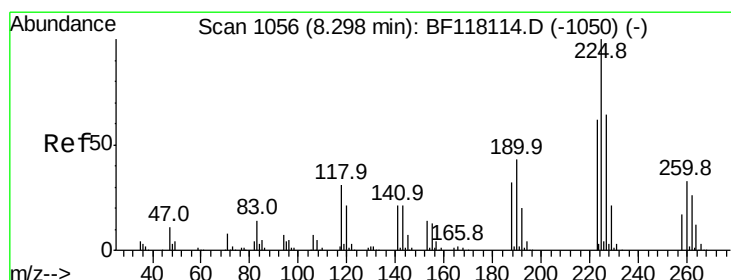
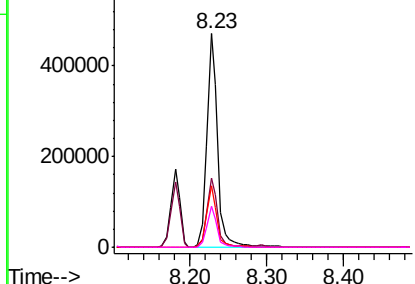
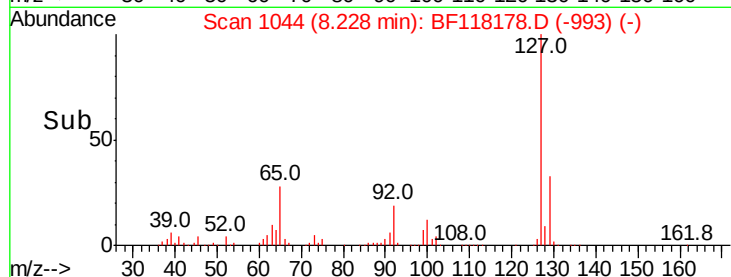
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		455232		
129	32.6	26.6	40.0		
65	28.5	23.2	34.8		
92	19.1	15.4	23.0		

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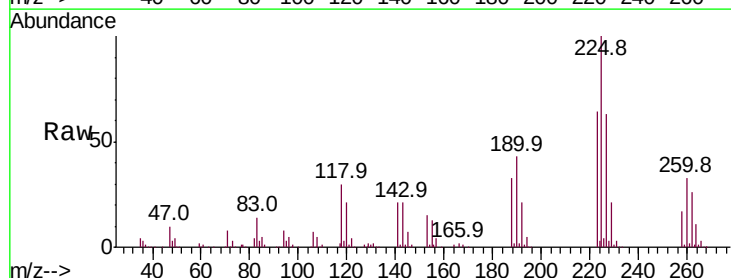


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

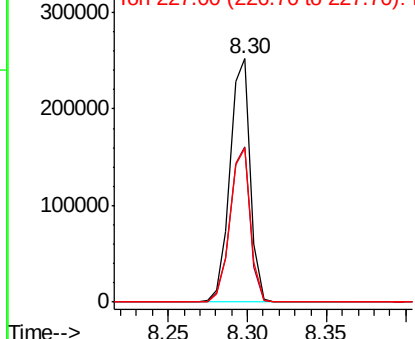
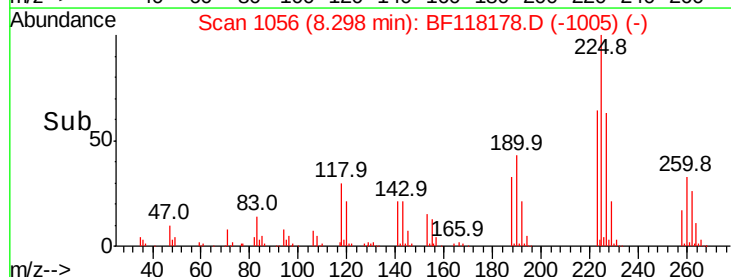


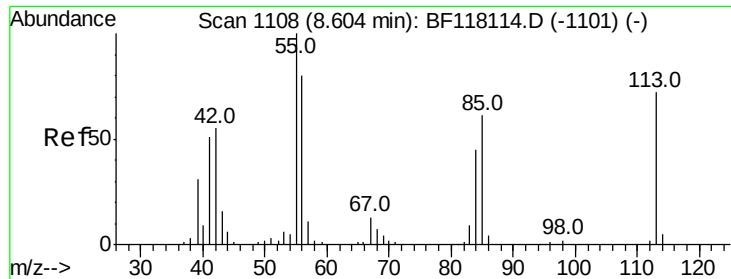
#34
Hexachlorobutadiene
Concen: 39.275 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		224158		
223	63.8	49.6	74.4		
227	63.2	51.0	76.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





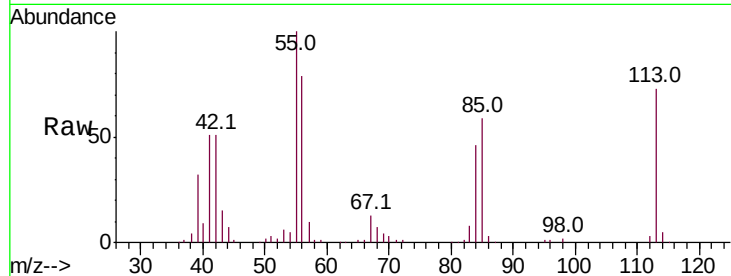
#35
Caprolactam
Concen: 37.581 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	137.7	118.9	158.9		
56	108.4	91.4	131.4		

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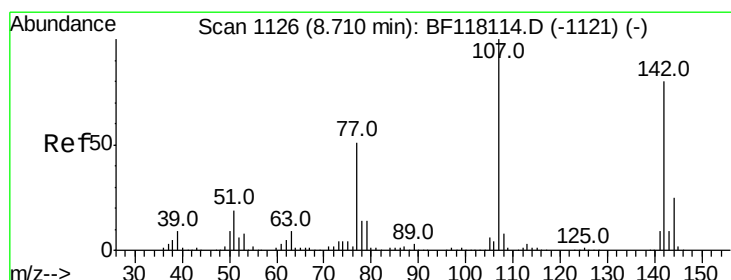
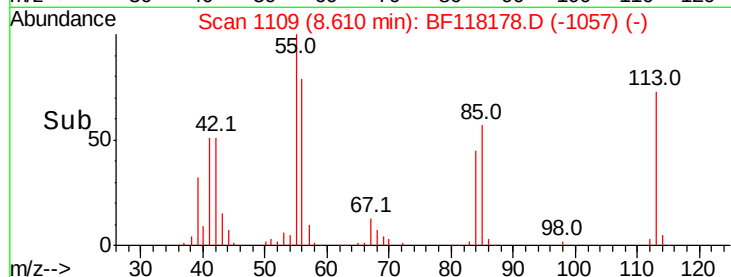
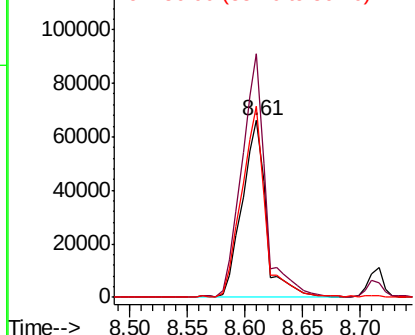


Abundance

Ion 113.00 (112.70 to 113.70): E

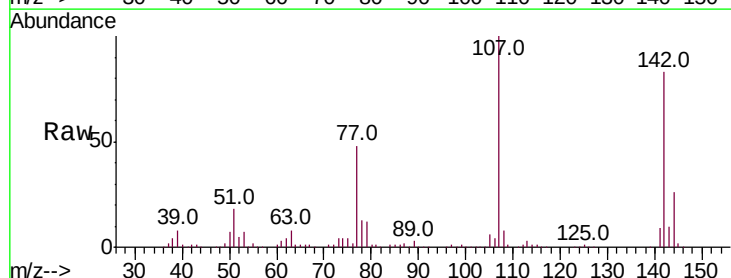
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 37.819 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.5	20.3	30.5		
142	83.0	63.7	95.5		

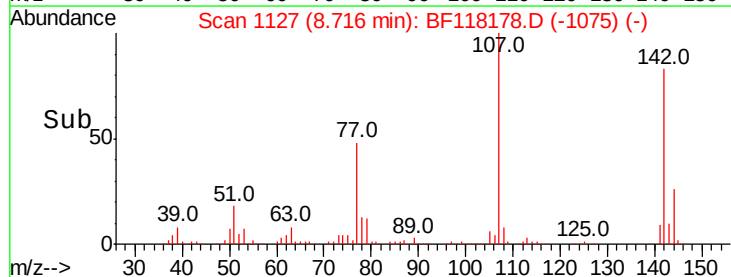
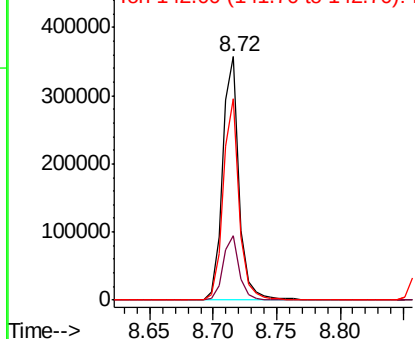


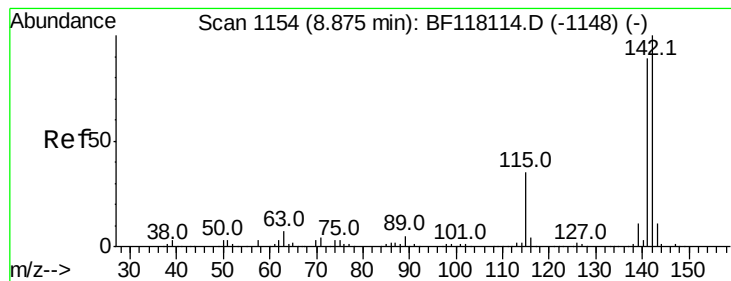
Abundance

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





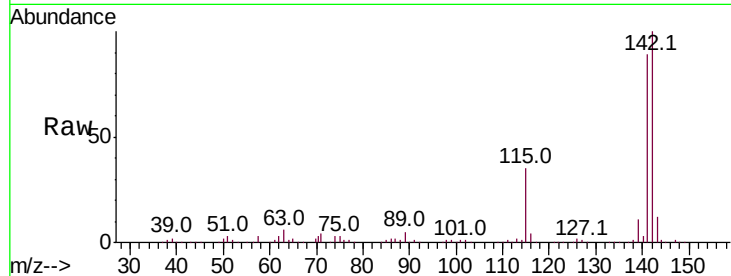
#37
2-Methylnaphthalene
Concen: 38.509 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.0
115	35.3	28.2	42.4

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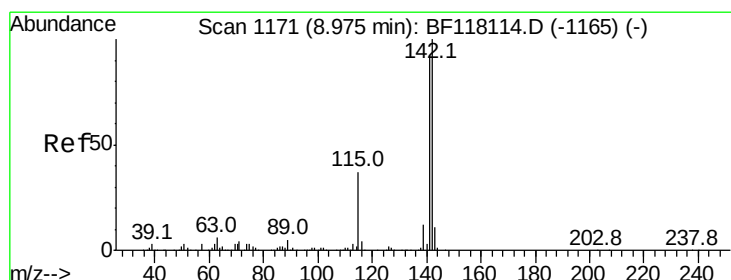
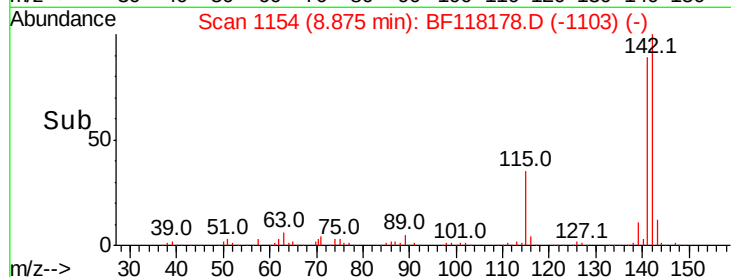
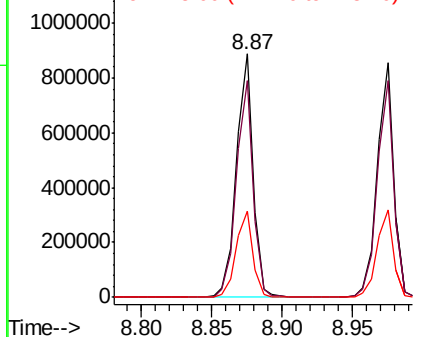


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.686 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

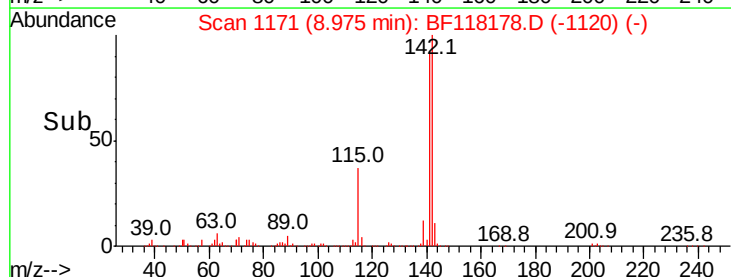
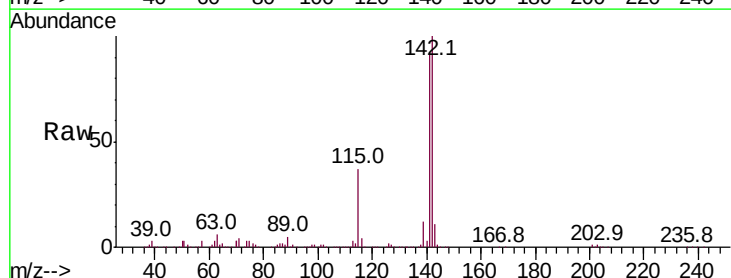
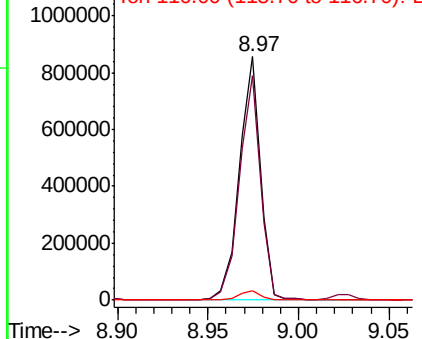
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.0	111.0
116	3.8	3.2	4.8

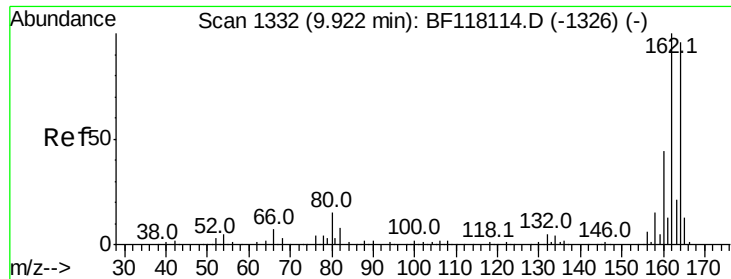
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





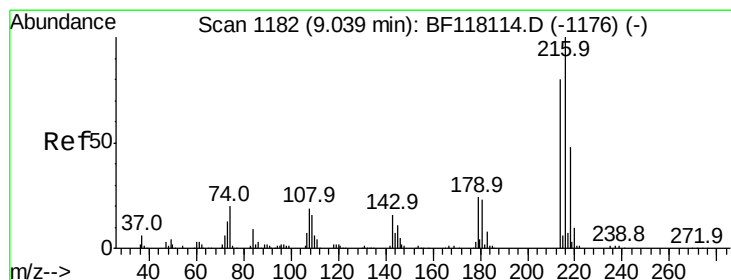
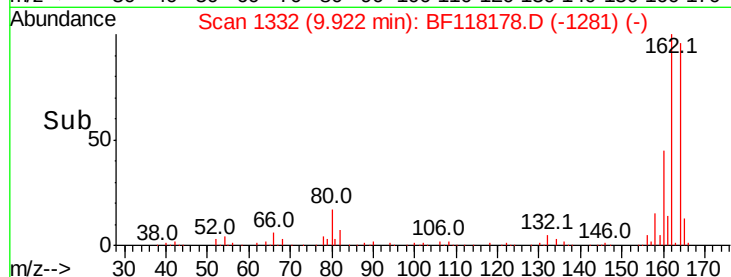
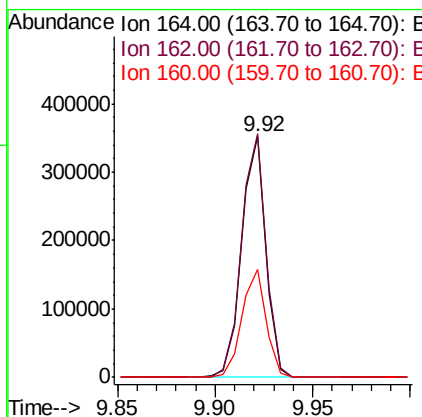
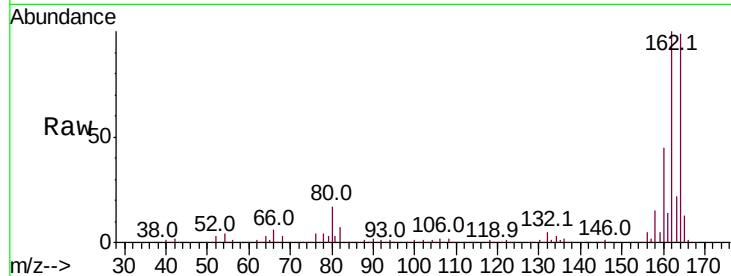
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.4	125.0
160	45.0	36.6	54.8

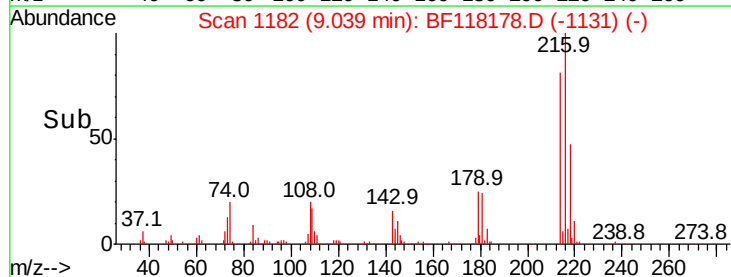
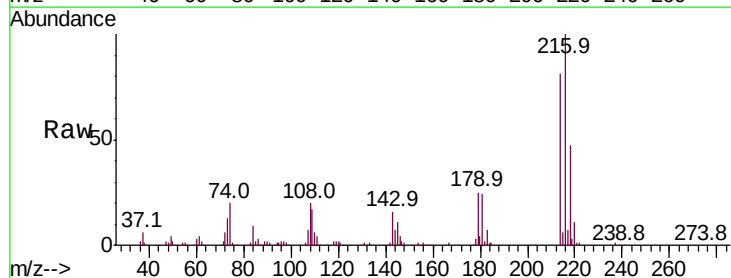
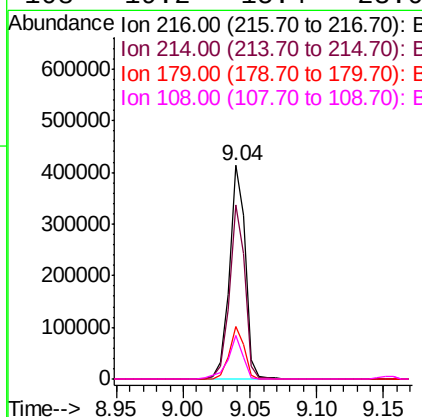
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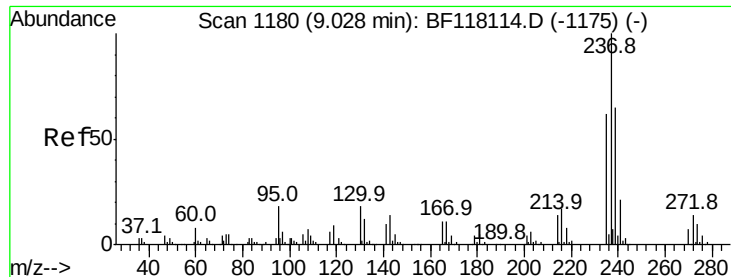
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.988 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.2
179	23.3	18.6	27.8
108	19.2	15.4	23.0





#41

Hexachlorocyclopentadiene

Concen: 34.225 ng

RT: 9.03 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

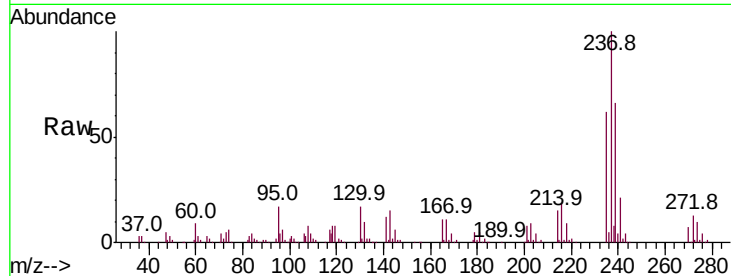
ClientSampleId :

SSTDCCC040

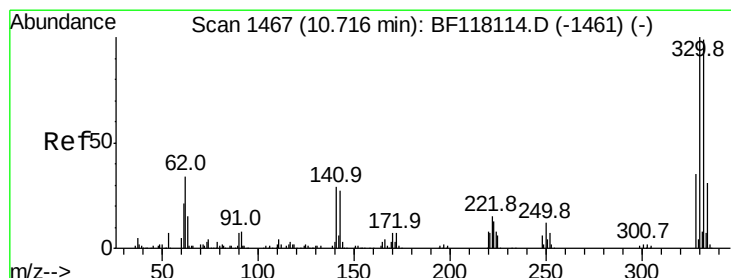
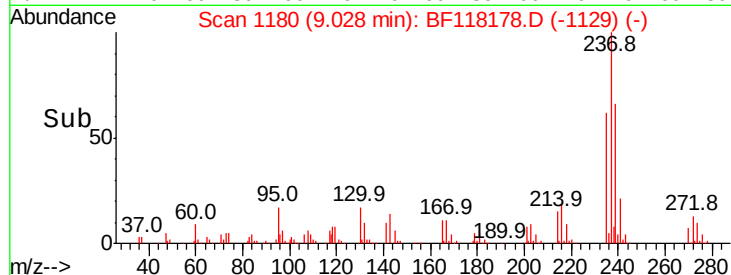
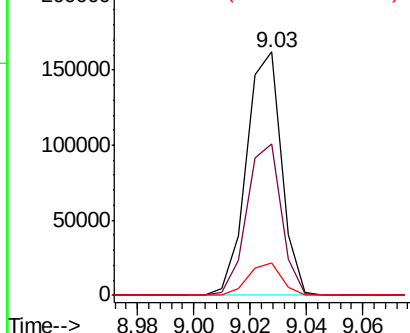
Tot Ion:	237	Resp:	139522
Ion Ratio		Lower	Upper
237	100		
235	62.3	41.5	81.5
272	13.3	0.0	33.7

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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: 77.779 ng

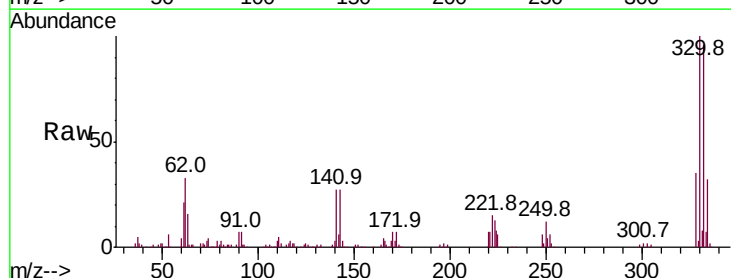
RT: 10.72 min Scan# 1467

Delta R.T. 0.00 min

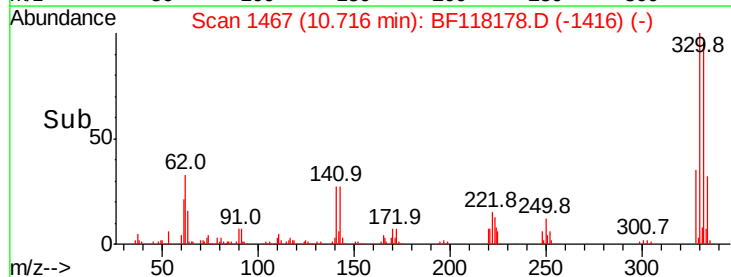
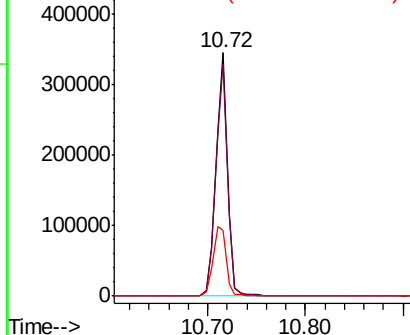
Lab File: BF118178.D

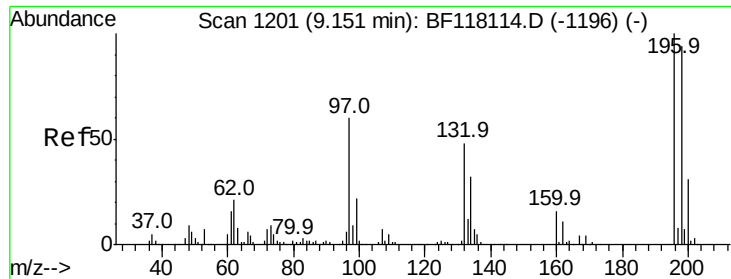
Acq: 13 Dec 2019 10:41

Tgt Ion:	330	Resp:	283792
Ion Ratio		Lower	Upper
330	100		
332	97.2	78.1	117.1
141	32.5	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





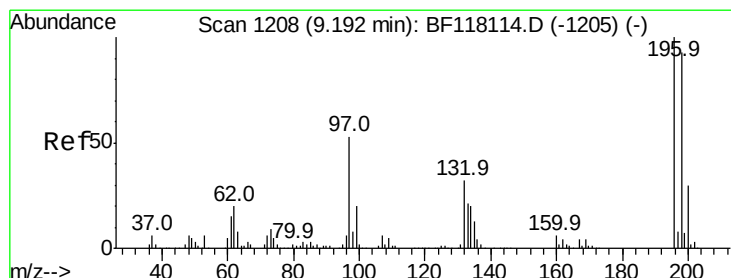
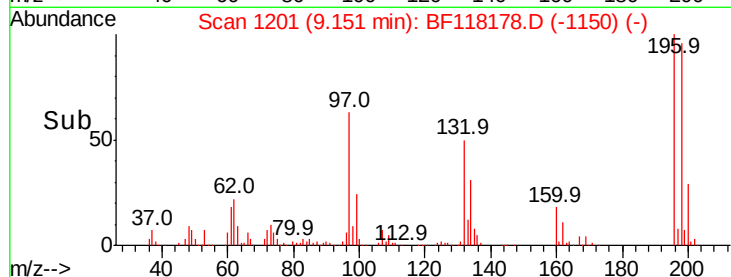
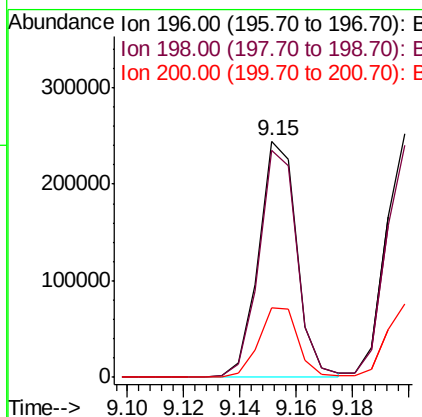
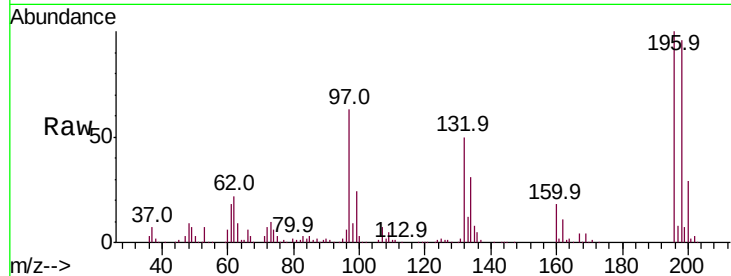
#43
 2,4,6-Trichlorophenol
 Concen: 37.683 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	228929		
198	95.9	75.0	112.4	
200	29.3	24.5	36.7	

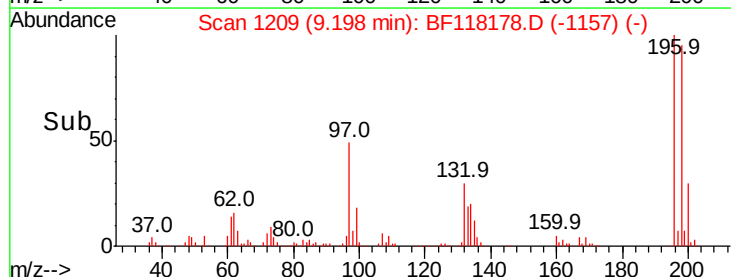
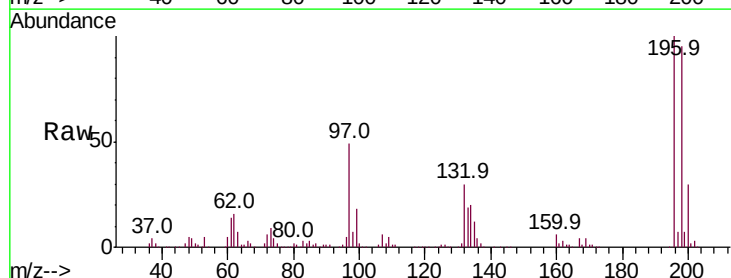
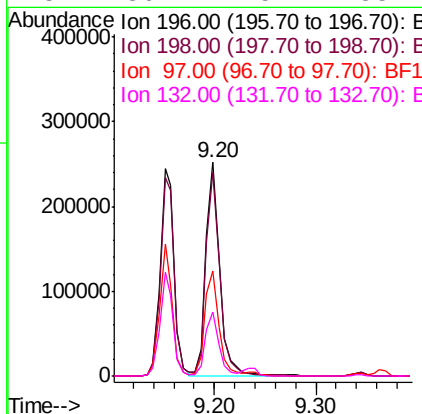
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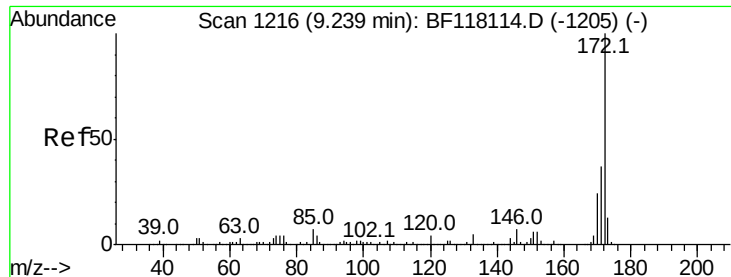
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.223 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240577		
198	95.4	74.2	111.4	
97	49.3	42.5	63.7	
132	30.2	25.4	38.2	





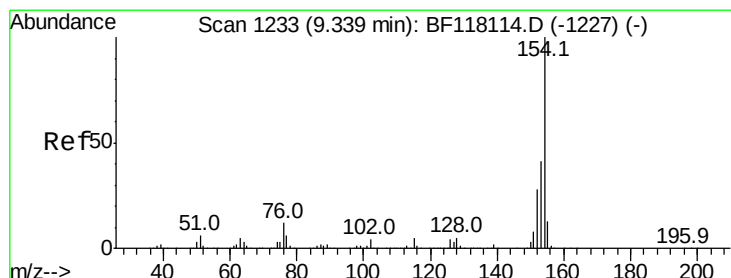
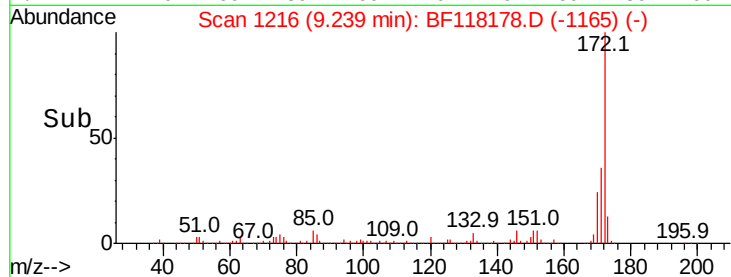
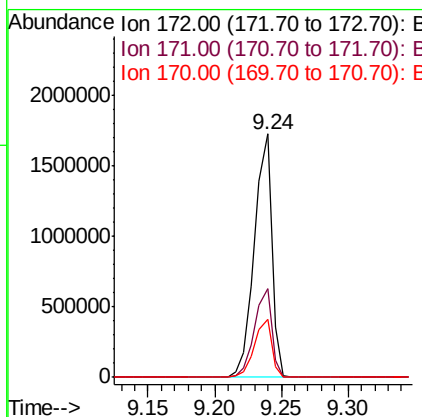
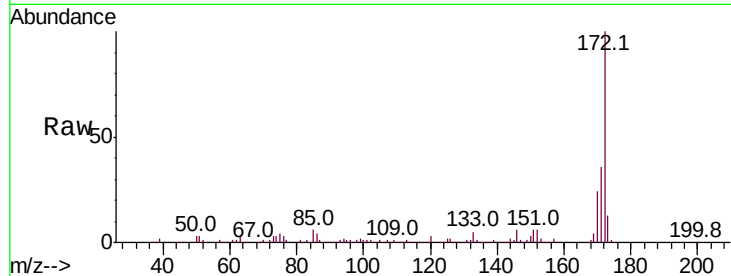
#45
2-Fluorobiphenyl
Concen: 77.959 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	23.7	19.4	29.2

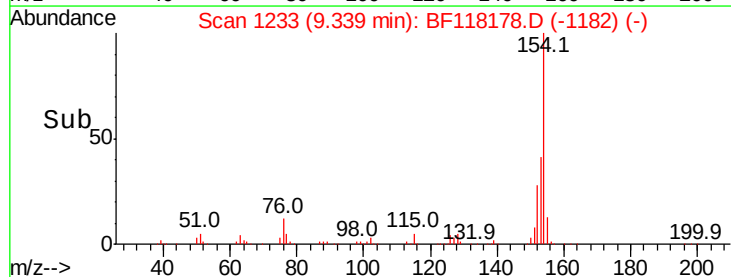
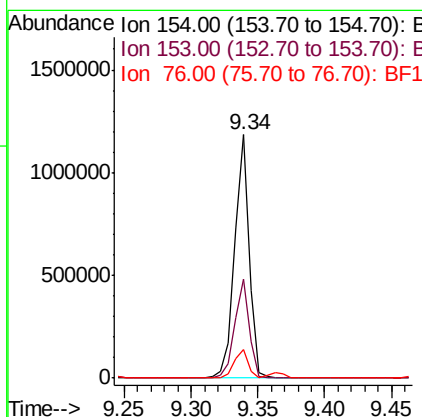
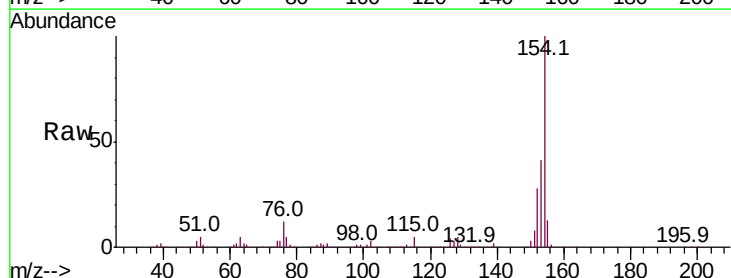
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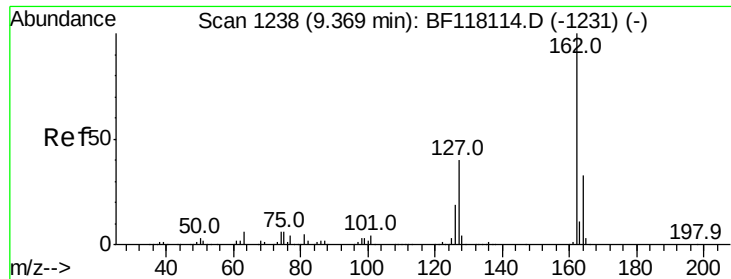
mohammad
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#46
1,1'-Biphenyl
Concen: 38.613 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	11.5	0.0	31.9





#47

2-Chloronaphthalene

Concen: 38.024 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

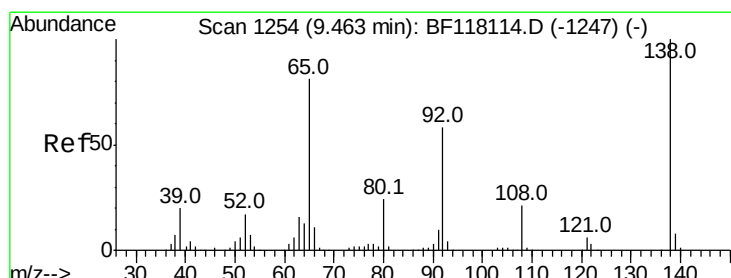
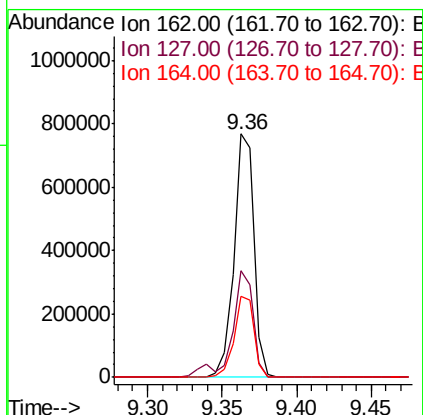
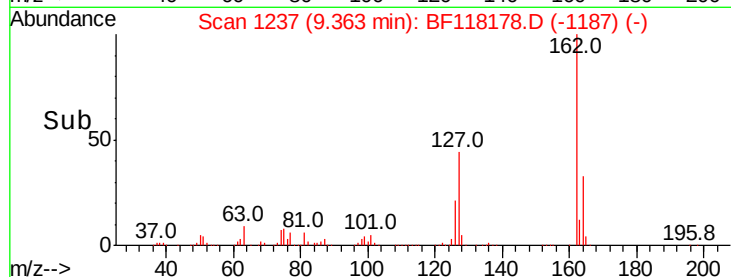
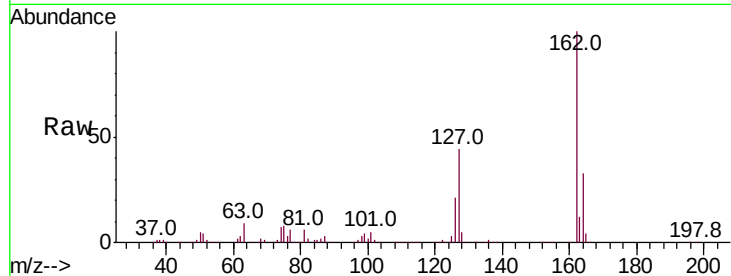
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		724545		
127	43.7	32.0	48.0		
164	33.4	26.1	39.1		

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#48

2-Nitroaniline

Concen: 37.518 ng

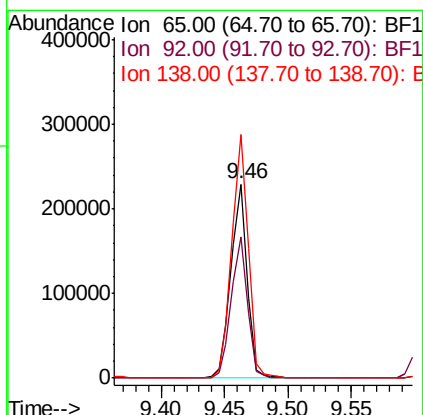
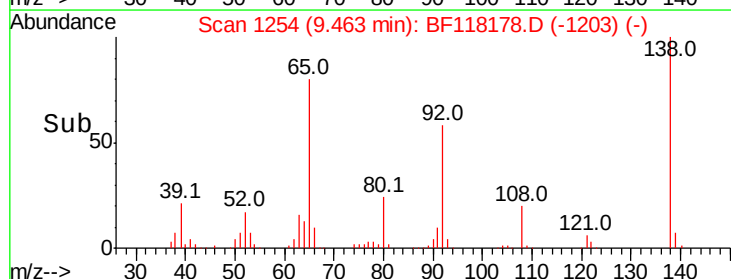
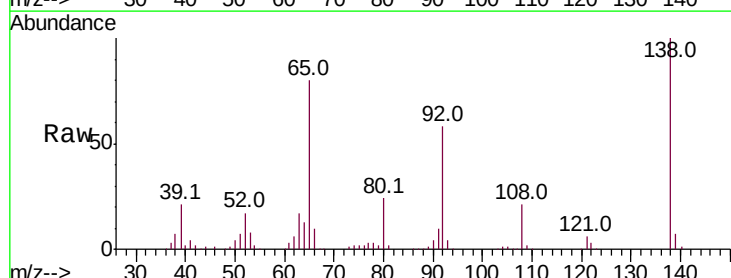
RT: 9.46 min Scan# 1254

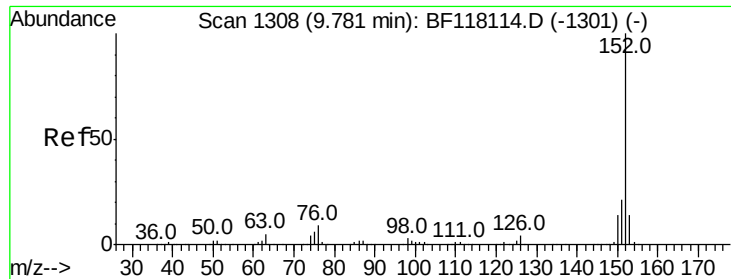
Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		203875		
92	73.0	57.8	86.6		
138	125.4	98.8	148.2		





#49

Acenaphthylene

Concen: 38.208 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 1073840

Ion Ratio Lower Upper

152 100

151 21.0 16.4 24.6

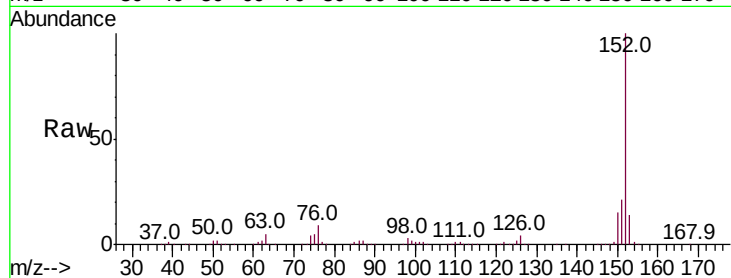
153 13.6 10.8 16.2

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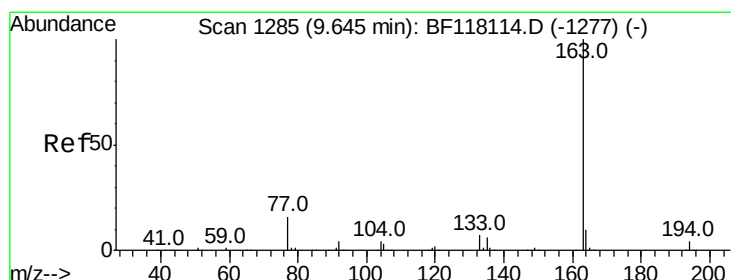
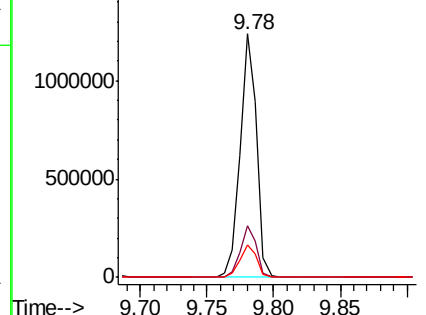
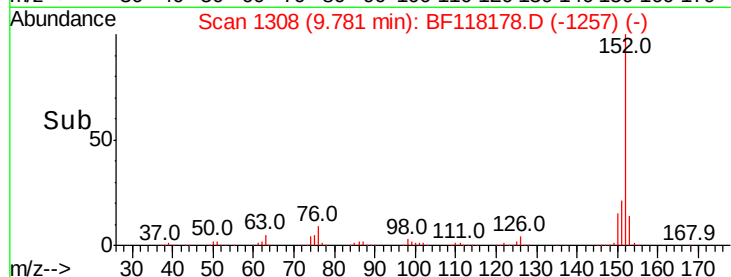
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.470 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

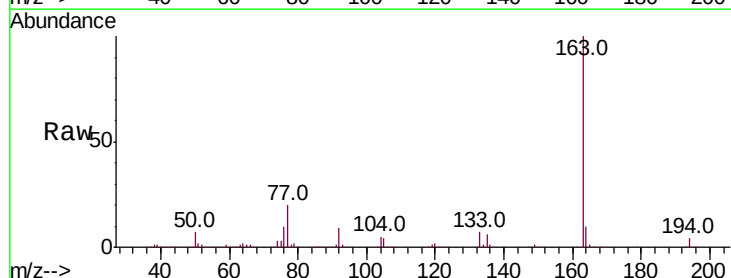
Tgt Ion:163 Resp: 853454

Ion Ratio Lower Upper

163 100

194 3.8 3.1 4.7

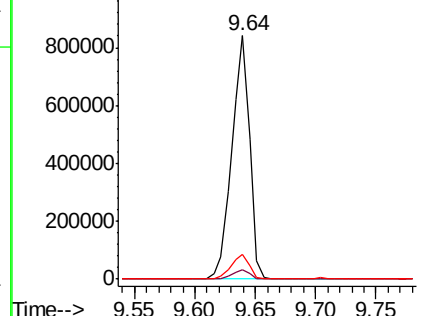
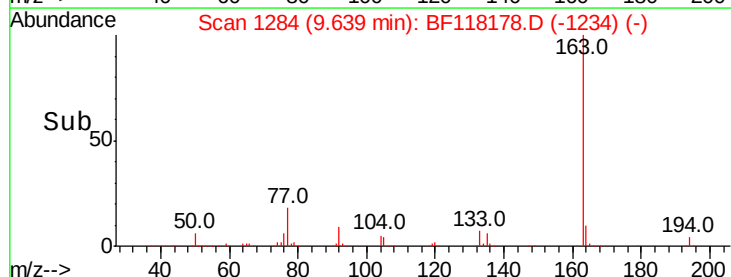
164 10.3 7.7 11.5

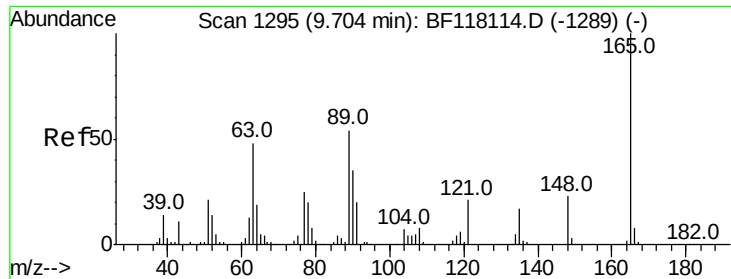


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 37.556 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

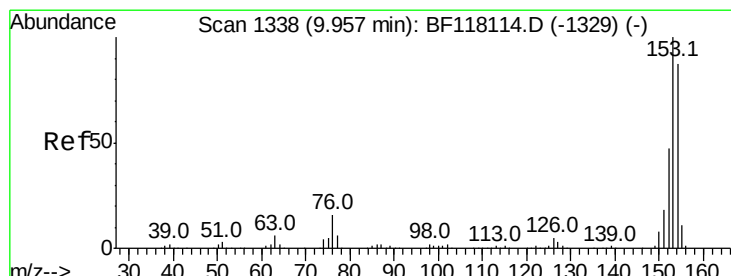
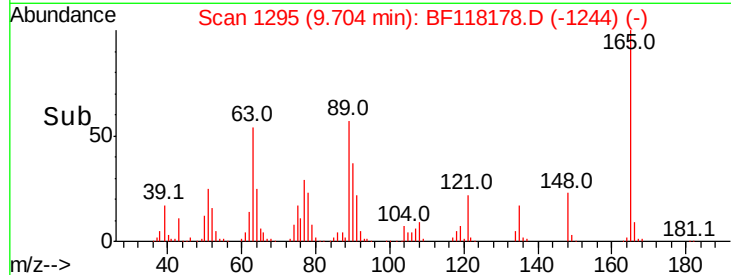
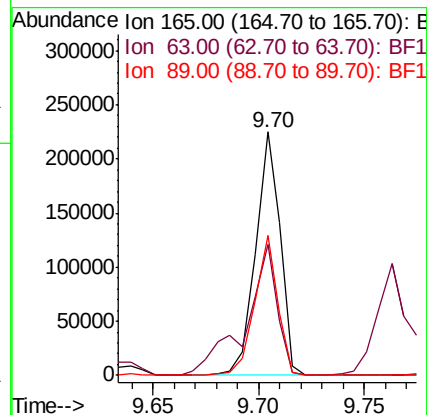
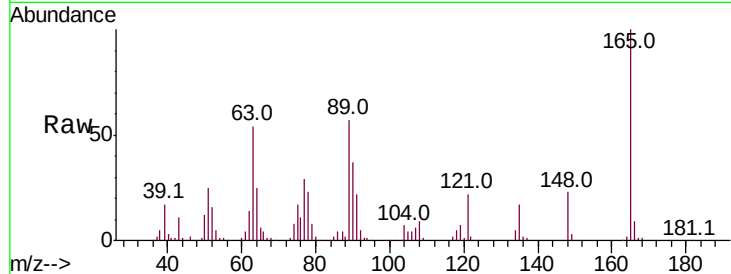
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	181173		
63	53.9	41.4	62.0	
89	57.3	42.9	64.3	

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#52

Acenaphthene

Concen: 38.025 ng

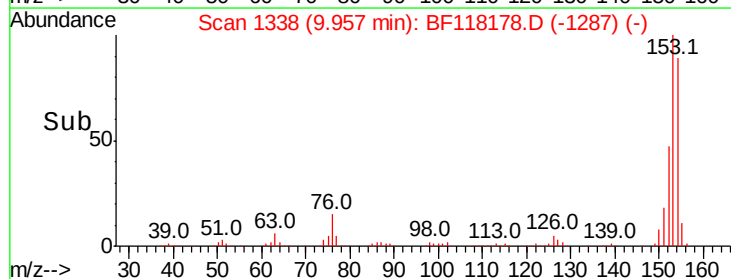
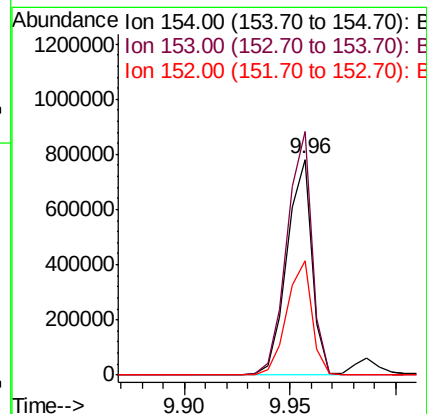
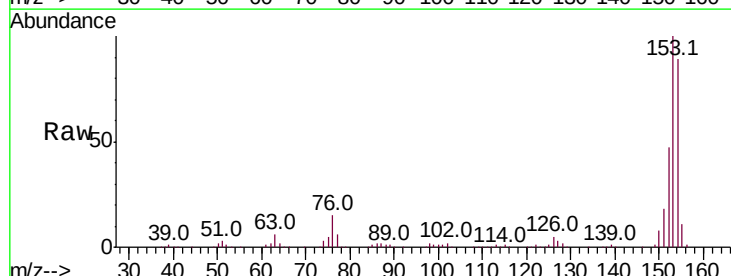
RT: 9.96 min Scan# 1338

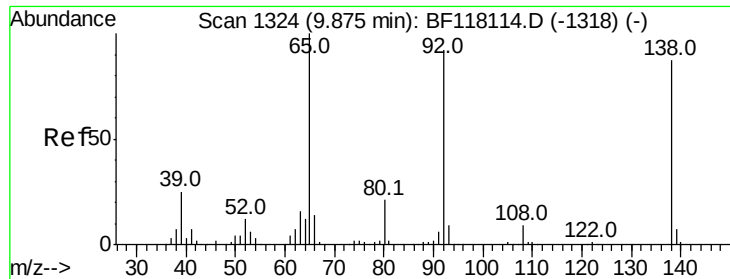
Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	652293		
153	112.9	91.8	137.6	
152	52.8	43.3	64.9	





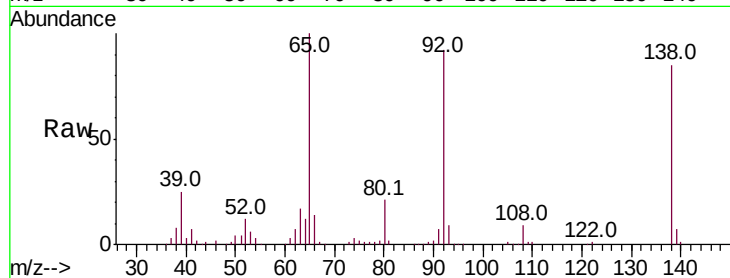
#53
3-Nitroaniline
Concen: 37.577 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	108.6	84.9	127.3

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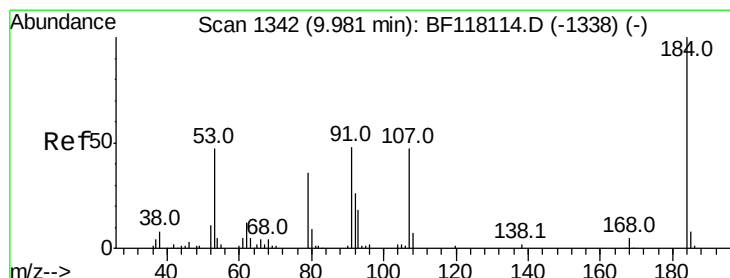
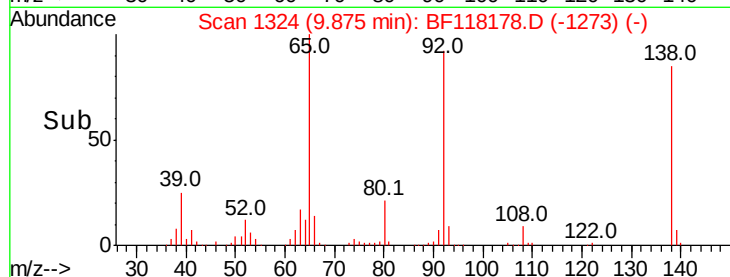
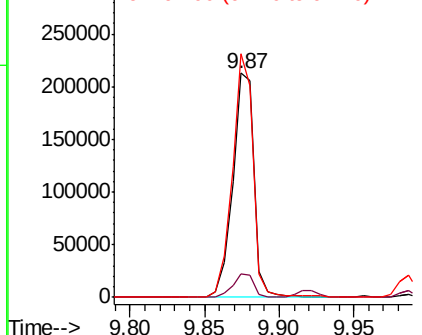


Abundance

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: 37.145 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

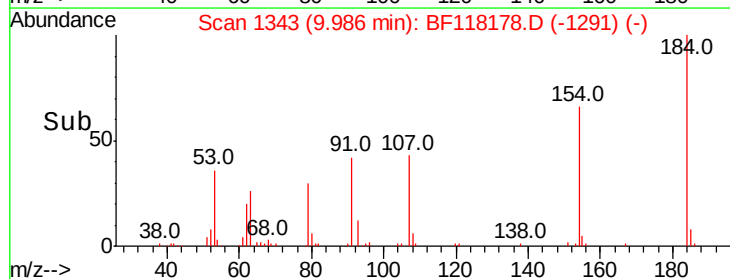
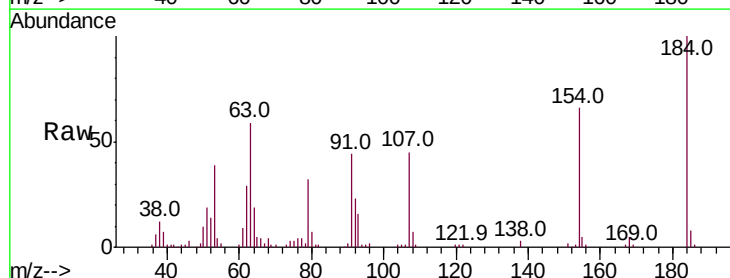
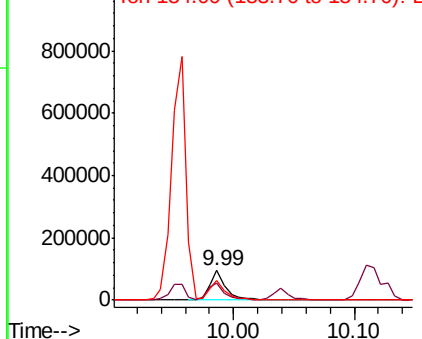
Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.3	53.9	80.9
154	65.8	56.3	84.5

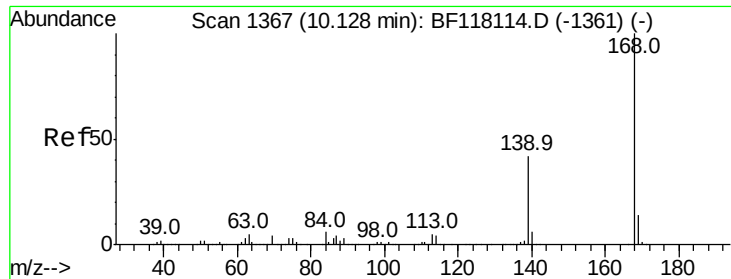
Abundance

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: 38.130 ng

RT: 10.13 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:168 Resp: 958435

Ion Ratio Lower Upper

168 100

139 41.6 33.4 50.0

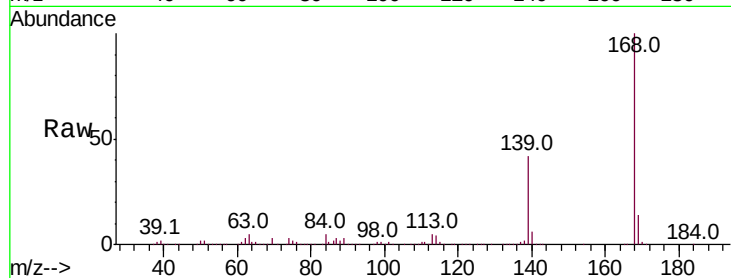
169 13.7 11.0 16.6

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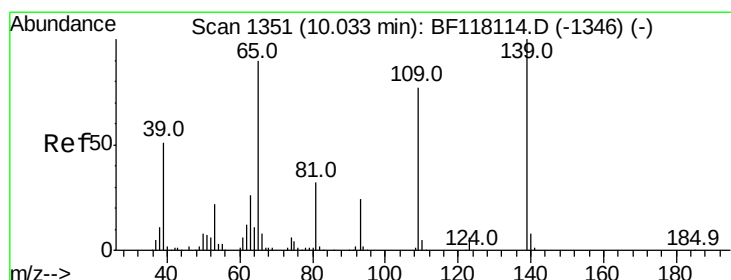
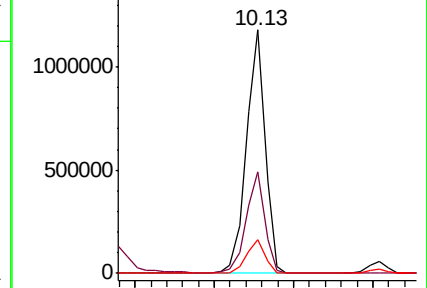
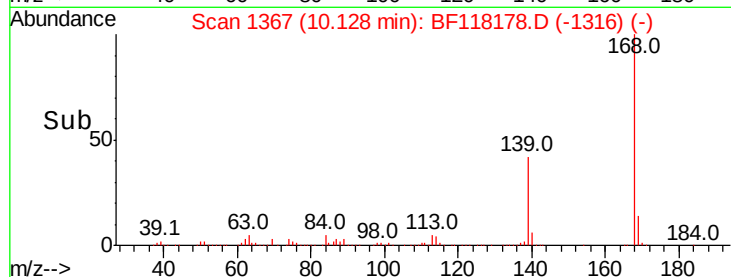
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 33.487 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

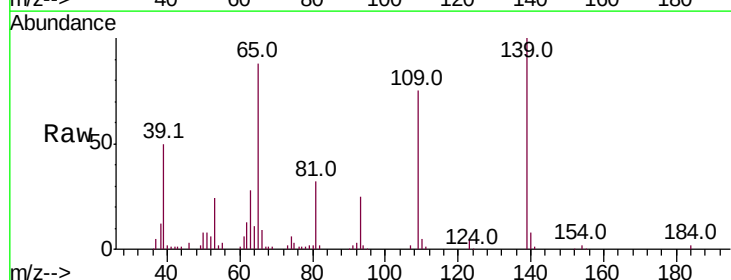
Tgt Ion:139 Resp: 131934

Ion Ratio Lower Upper

139 100

109 75.2 57.3 97.3

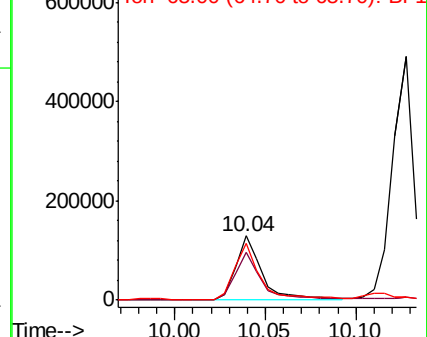
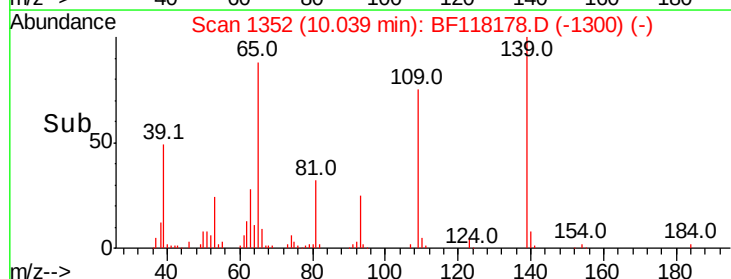
65 88.4 70.2 110.2

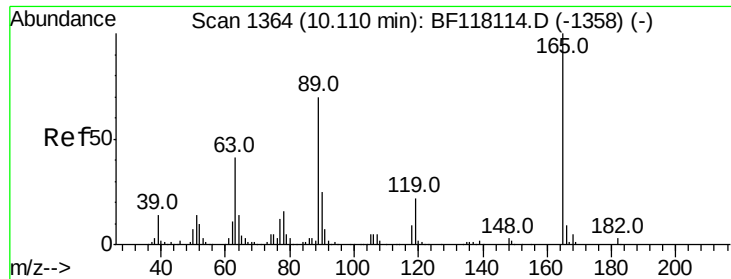


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





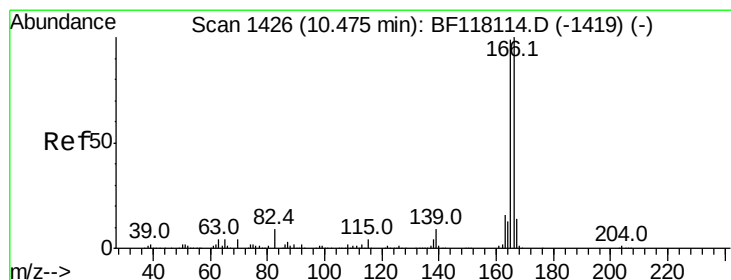
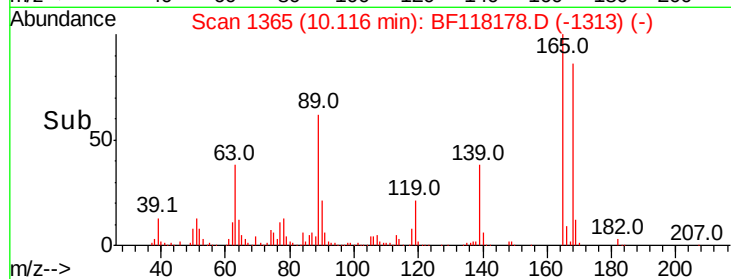
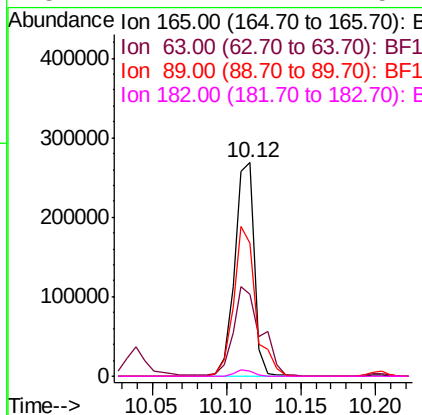
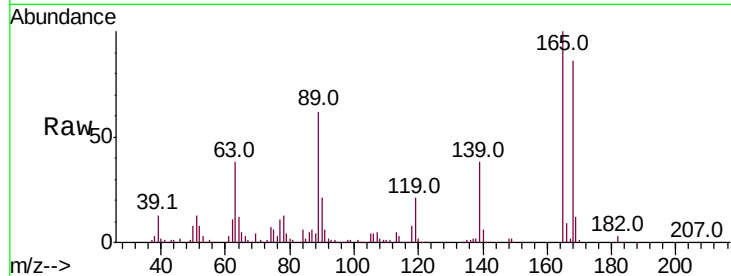
#57
 2,4-Dinitrotoluene
 Concen: 38.739 ng
 RT: 10.12 min Scan# 1365
 Delta R.T. 0.01 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	165	Resp:	249433
Ion Ratio	Lower	Upper	
165	100		
63	38.2	32.6	49.0
89	62.5	56.1	84.1
182	2.7	2.1	3.1

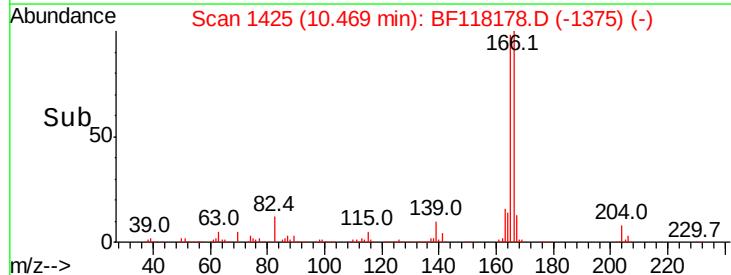
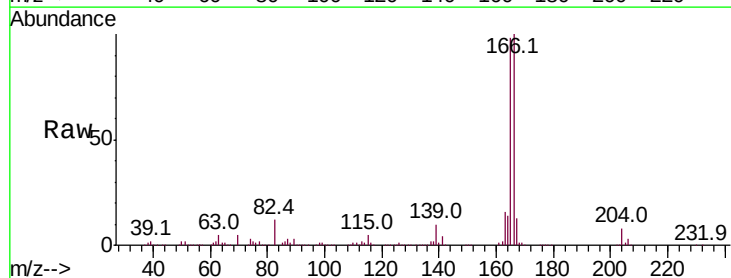
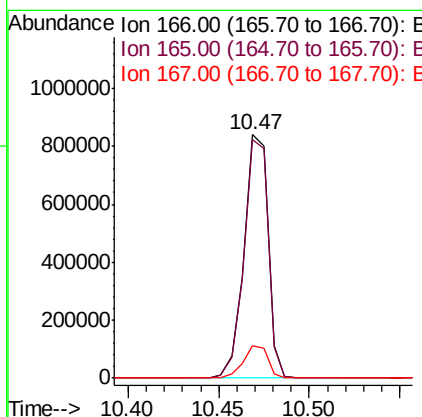
Manual Integrations
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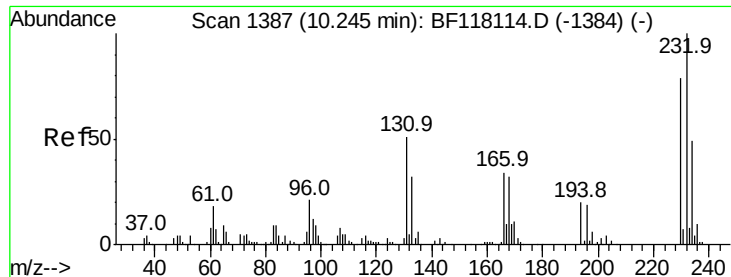
mohammad
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#58
 Fluorene
 Concen: 38.829 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion:	166	Resp:	775628
Ion Ratio	Lower	Upper	
166	100		
165	98.0	79.0	118.4
167	13.5	10.9	16.3





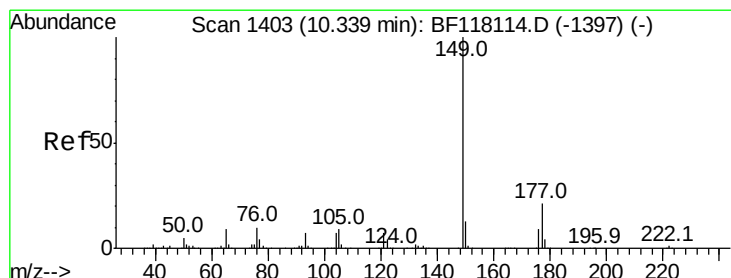
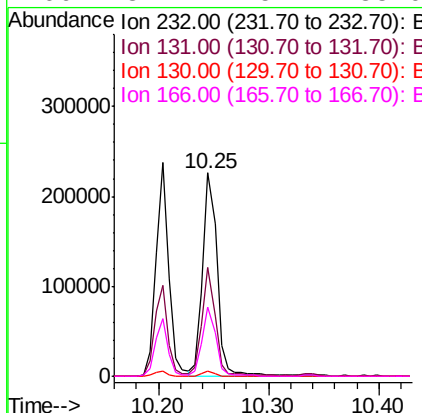
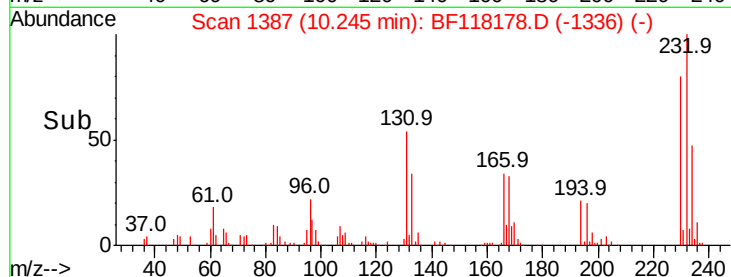
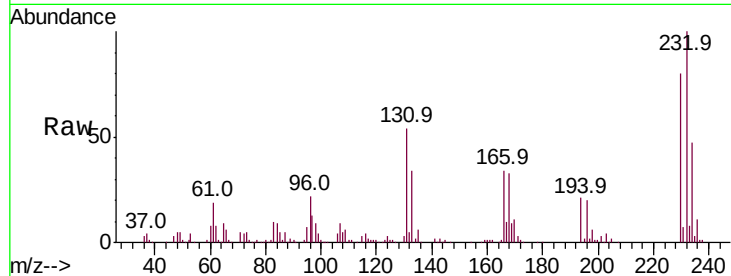
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.262 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	198682		
131	49.9		38.8	58.2
130	2.4		1.9	2.9
166	32.2		25.4	38.0

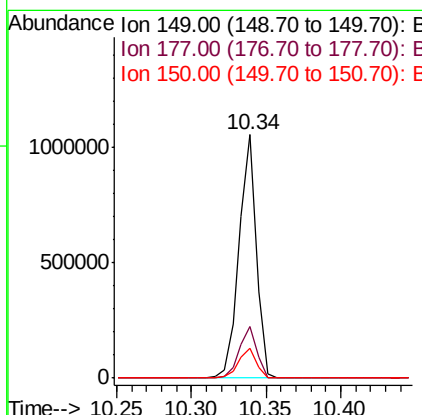
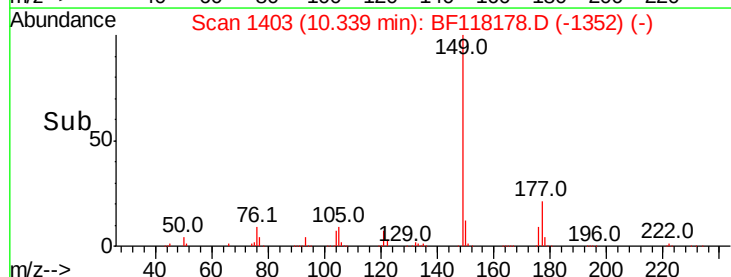
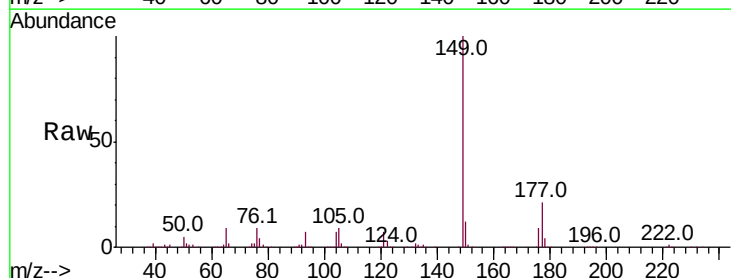
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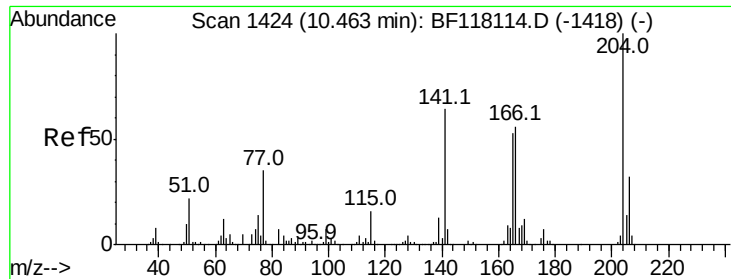
mohammad
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#60
Diethylphthalate
Concen: 39.266 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	858277		
177	21.4		17.0	25.4
150	12.4		10.1	15.1





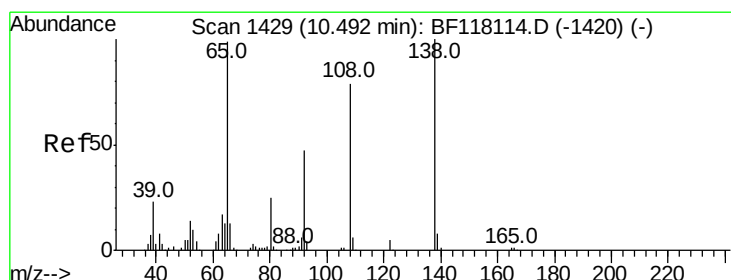
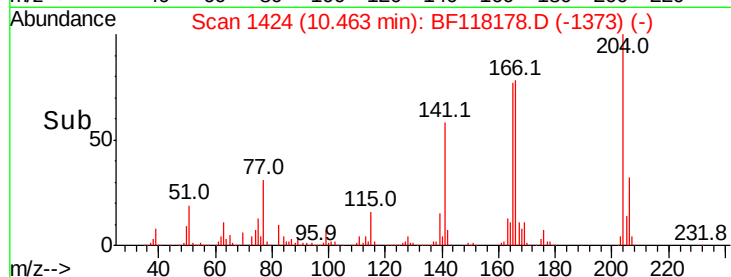
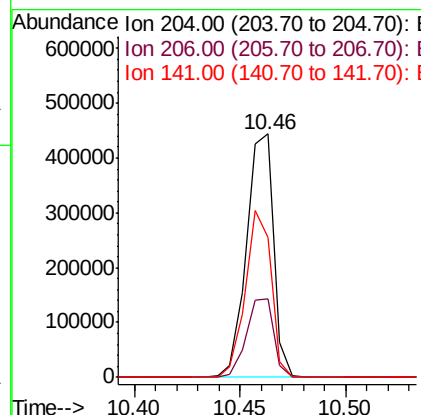
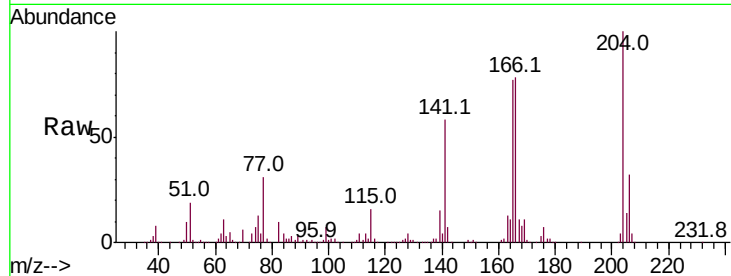
#61
 4-Chlorophenyl-phenylether
 Concen: 39.180 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	393783
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.0	39.0
141	57.5	51.0	76.6

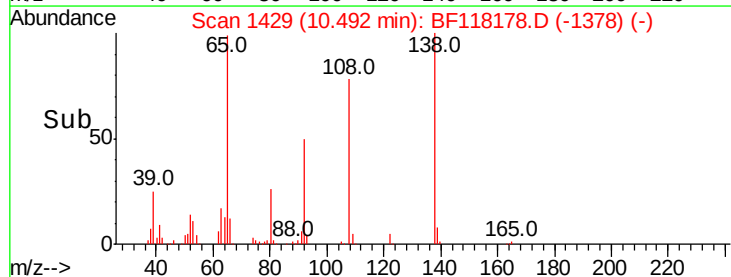
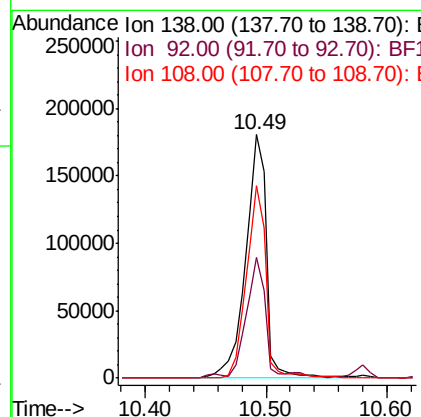
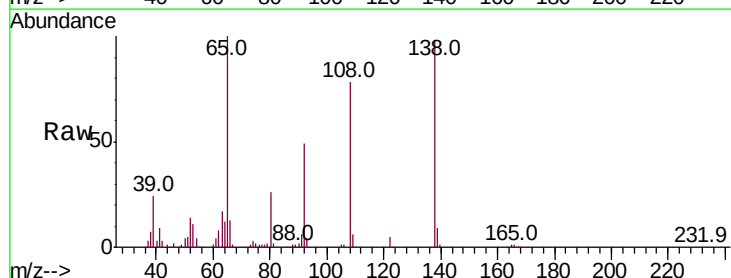
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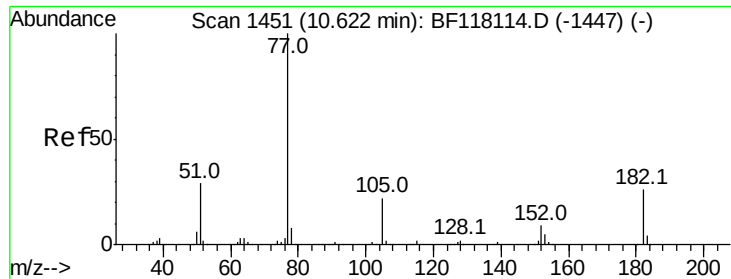
mohammad
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#62
 4-Nitroaniline
 Concen: 36.706 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion:	138	Resp:	217335
Ion Ratio	Lower	Upper	
138	100		
92	49.8	27.1	67.1
108	79.0	59.0	99.0





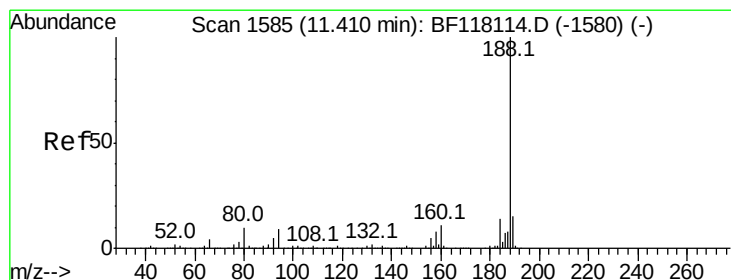
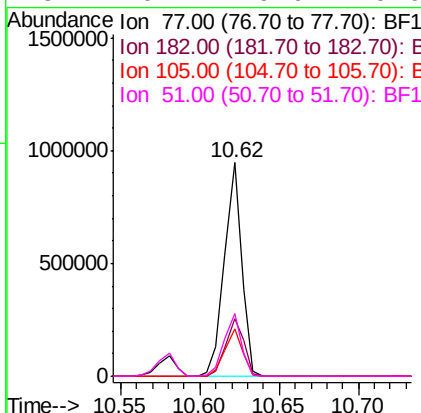
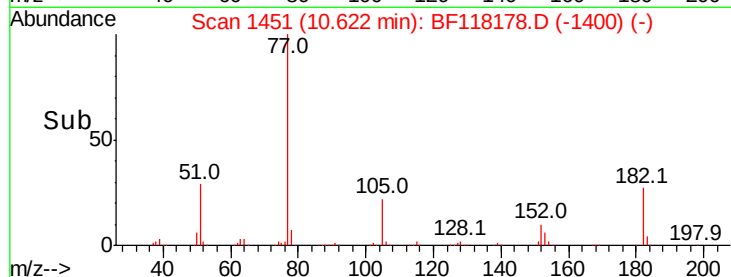
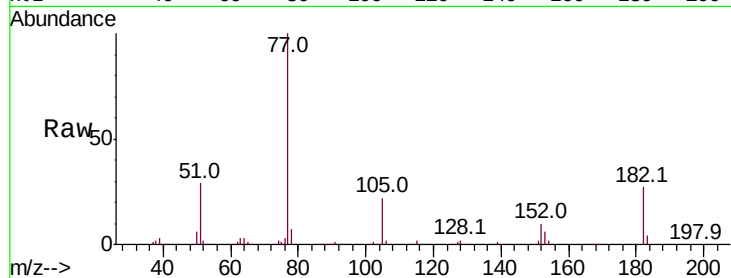
#63
Azobenzene
Concen: 38.713 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
77	100	722368		
182	26.9	5.7	45.7	
105	22.0	2.2	42.2	
51	29.2	9.6	49.6	

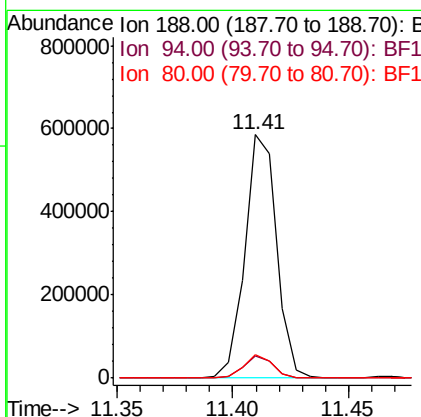
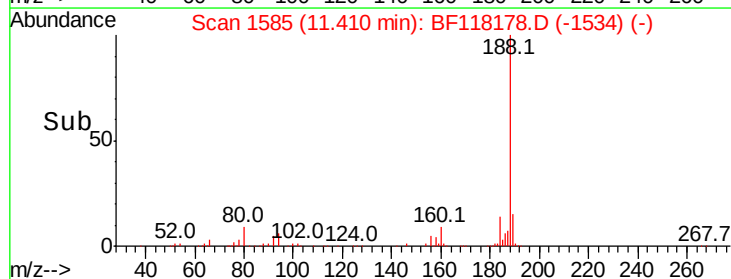
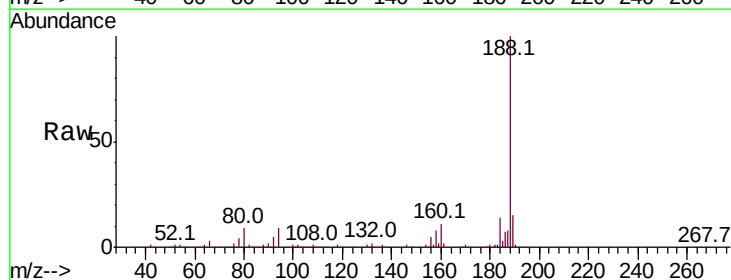
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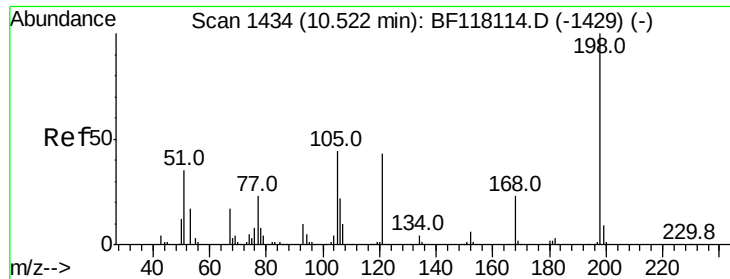
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	562336		
94	9.1	7.1	10.7	
80	9.4	7.9	11.9	





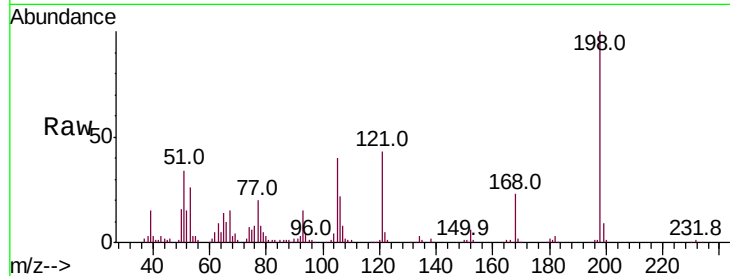
#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.801 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

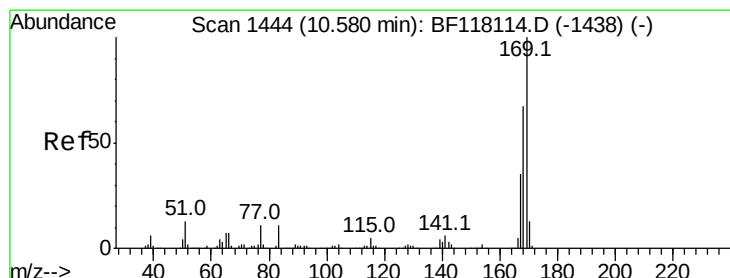
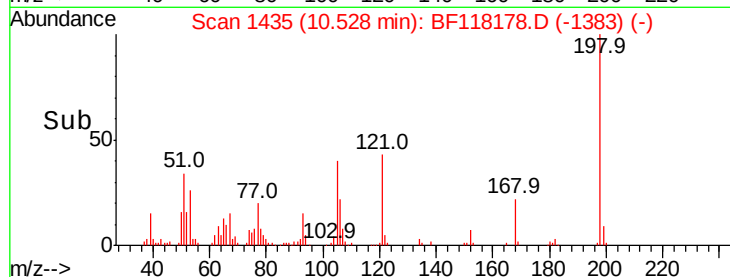
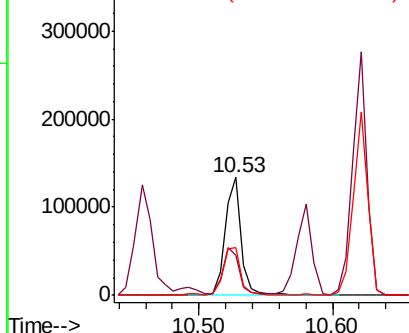
Tot Ion	Ratio	Resp	Lower	Upper
198	100	114285		
51	33.8	22.0	62.0	
105	40.2	25.6	65.6	

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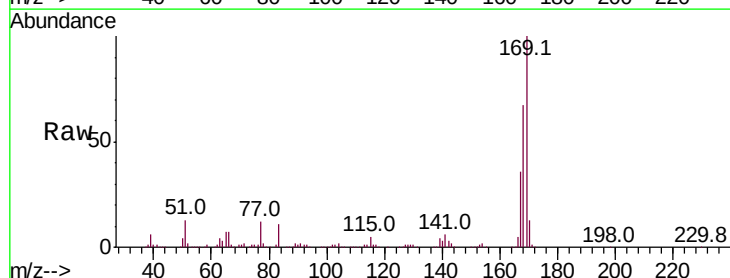


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

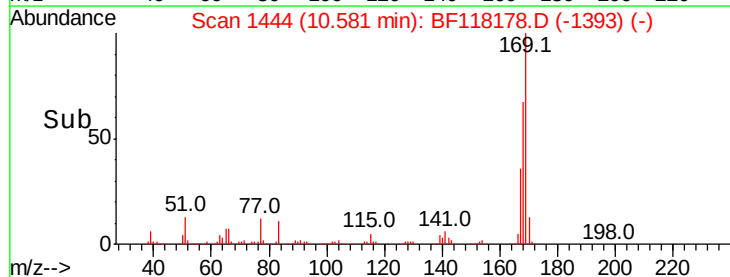
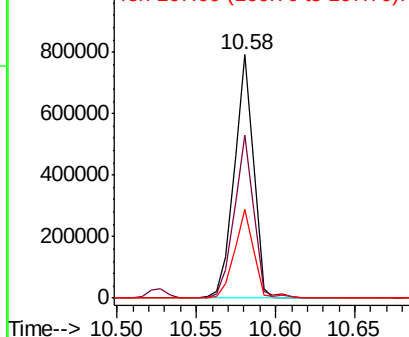


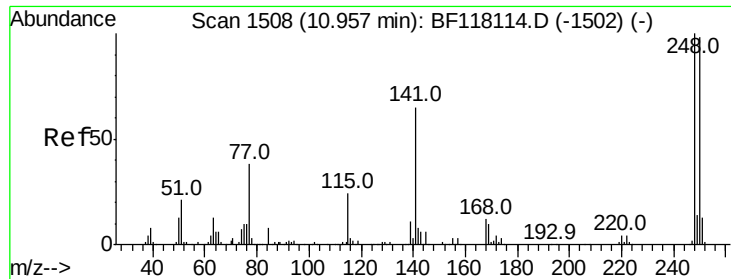
#66
 n-Nitrosodiphenylamine
 Concen: 38.118 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	669387		
168	67.0	53.4	80.2	
167	36.4	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: 38.824 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

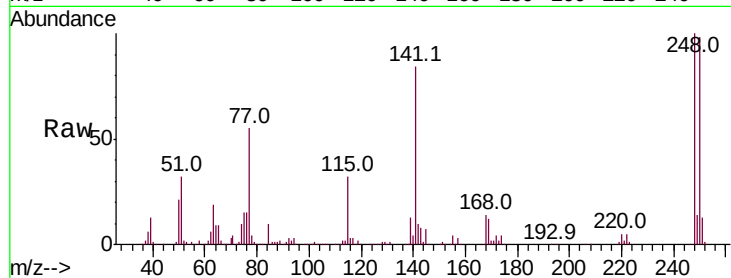
ClientSampleId :

SSTDCCC040

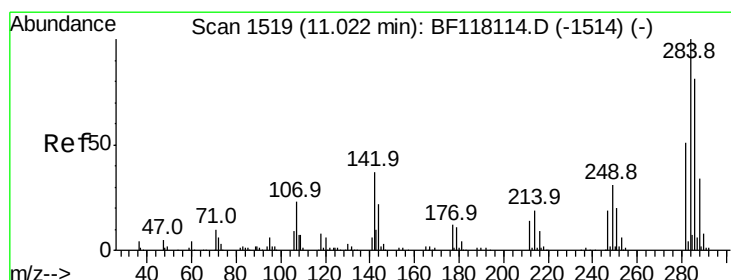
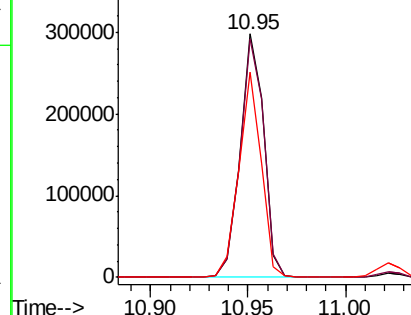
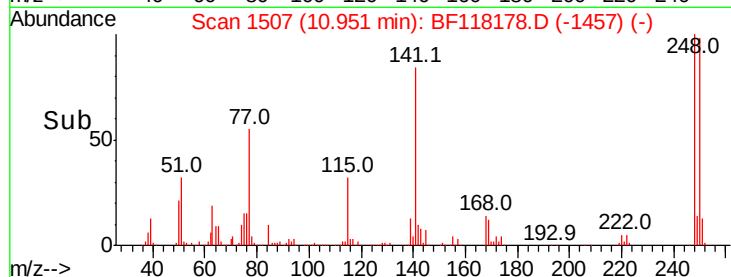
Tot Ion:	248	Resp:	249216
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.3	117.5
141	84.2	52.2	78.4#

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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: 38.608 ng

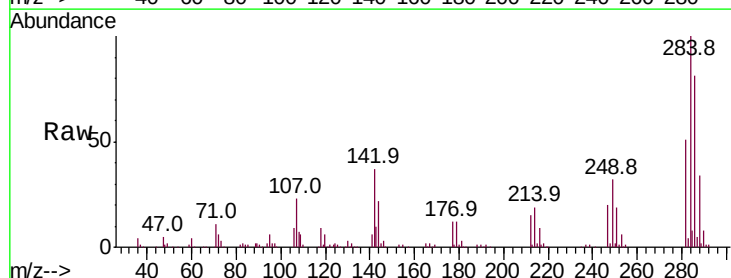
RT: 11.02 min Scan# 1519

Delta R.T. 0.00 min

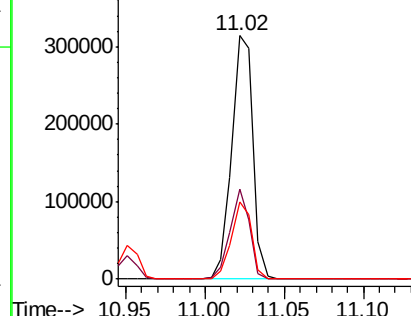
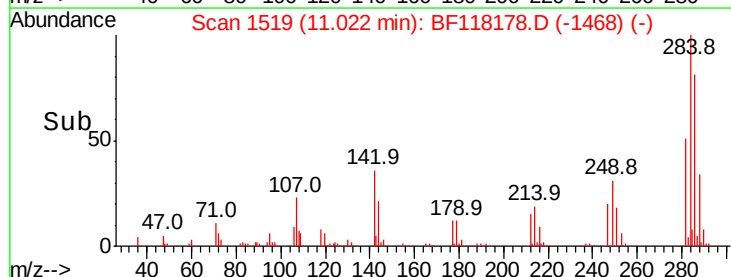
Lab File: BF118178.D

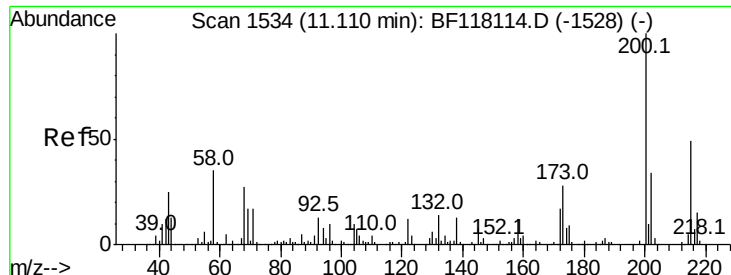
Acq: 13 Dec 2019 10:41

Tgt Ion:	284	Resp:	291704
Ion Ratio	Lower	Upper	
284	100		
142	36.8	29.7	44.5
249	31.5	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





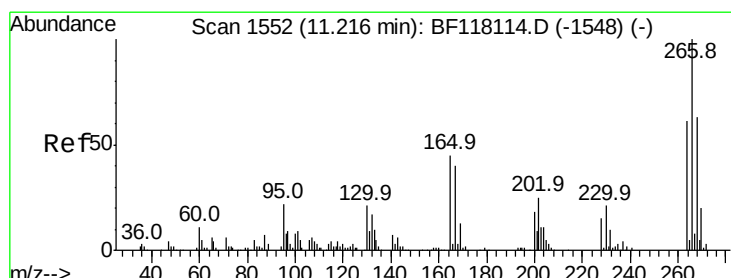
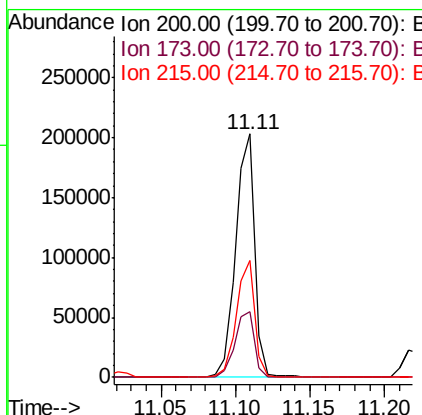
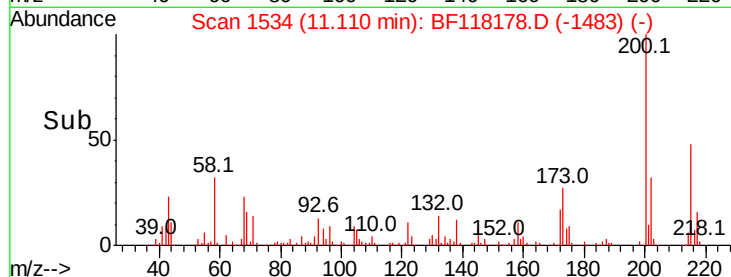
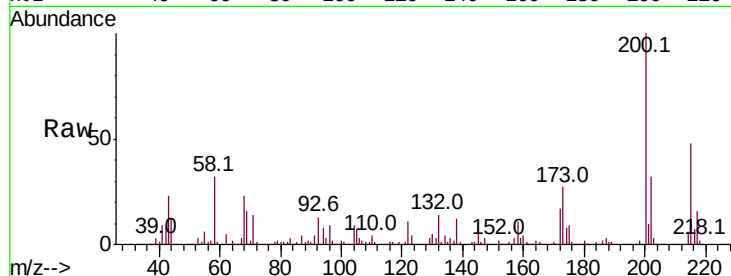
#69
Atrazine
Concen: 36.517 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	182283		
173	27.2	8.1	48.1	
215	48.2	29.0	69.0	

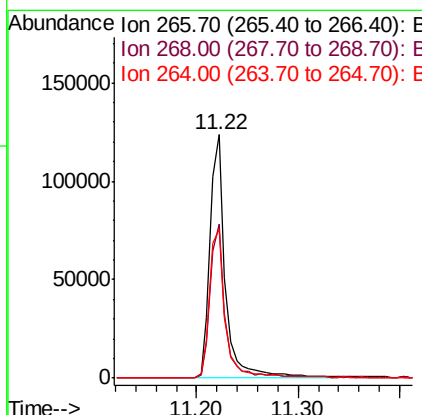
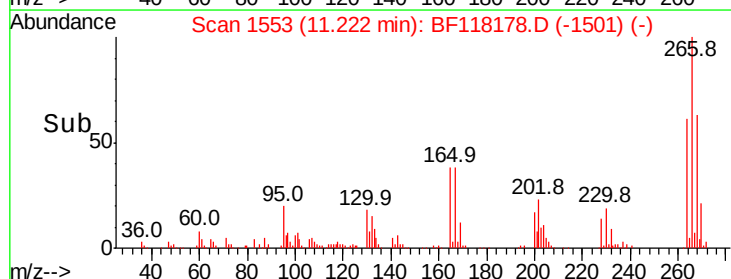
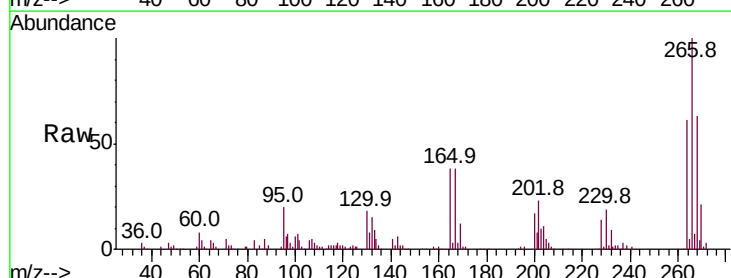
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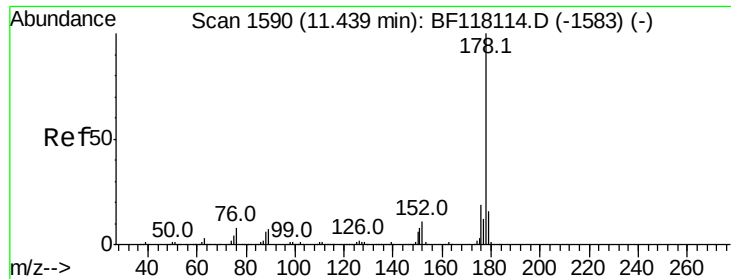
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#70
Pentachlorophenol
Concen: 37.169 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	132067		
268	63.3	50.7	76.1	
264	61.2	48.7	73.1	





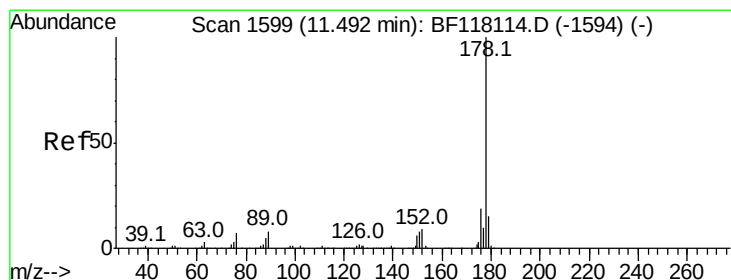
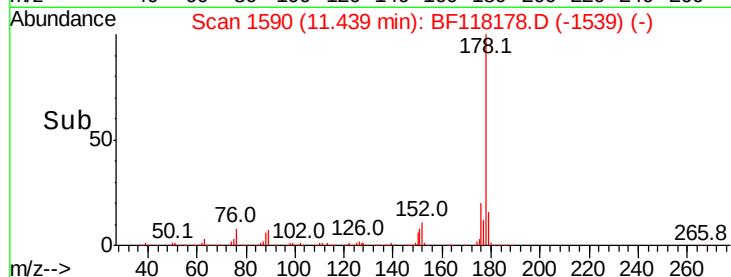
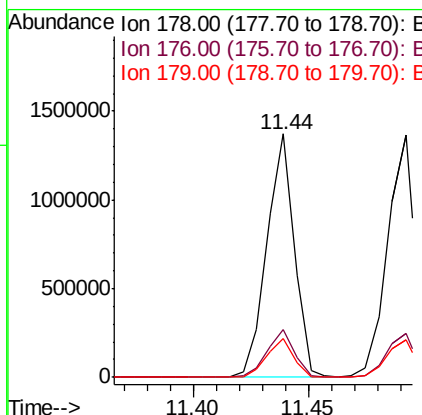
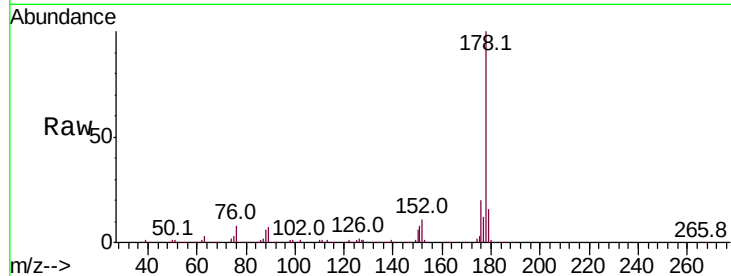
#71
Phenanthrene
Concen: 37.973 ng
RT: 11.44 min Scan# 1590
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.7	12.6	18.8

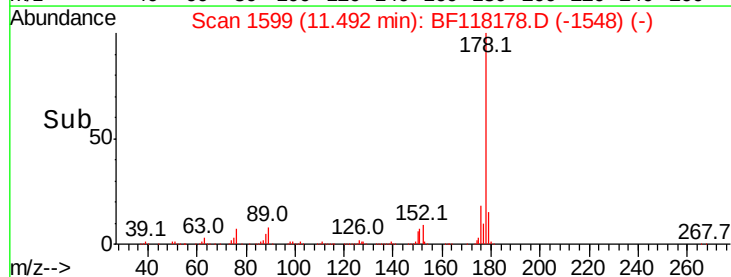
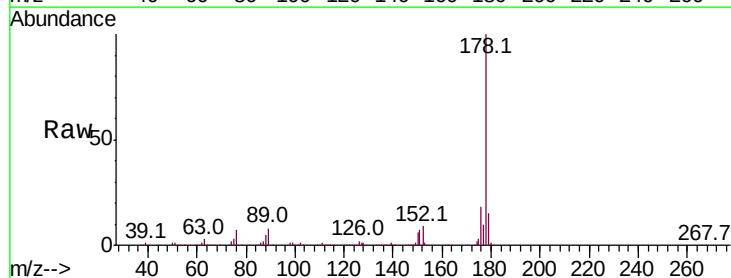
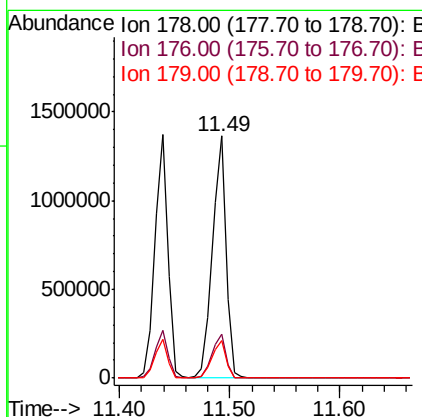
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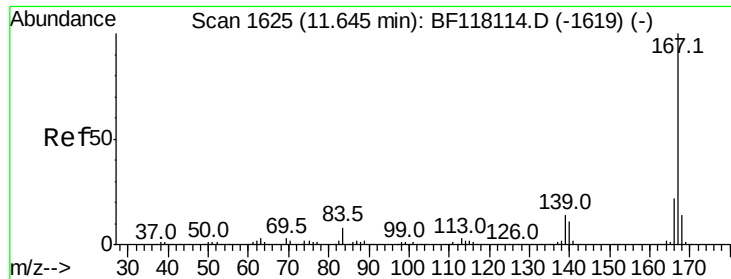
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#72
Anthracene
Concen: 38.568 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.3	12.2	18.4





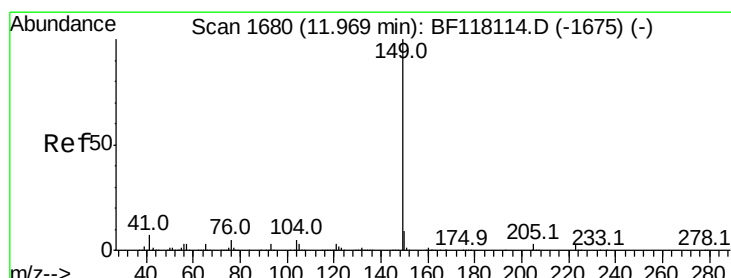
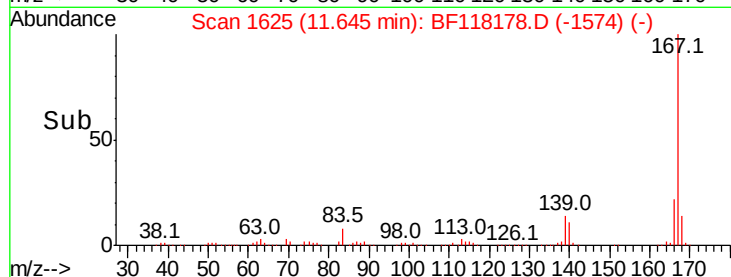
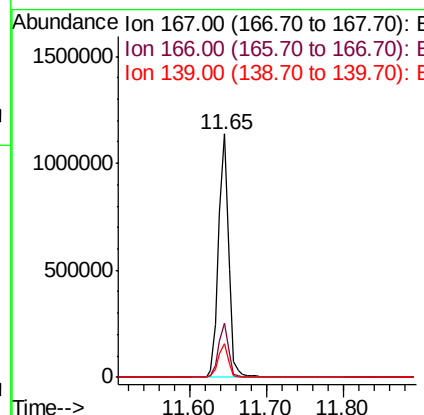
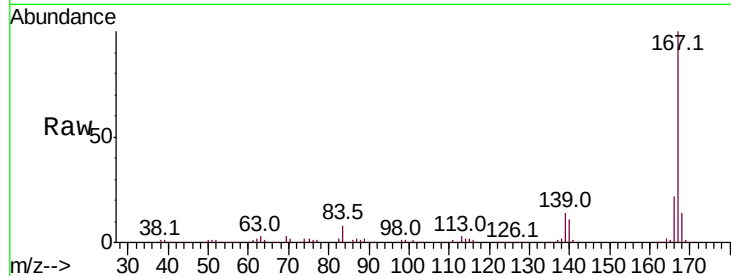
#73
 Carbazole
 Concen: 37.723 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	13.9	11.4	17.0

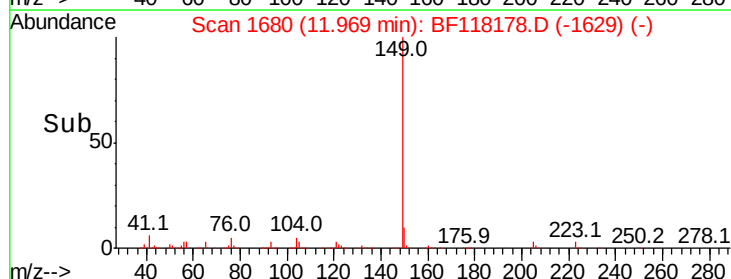
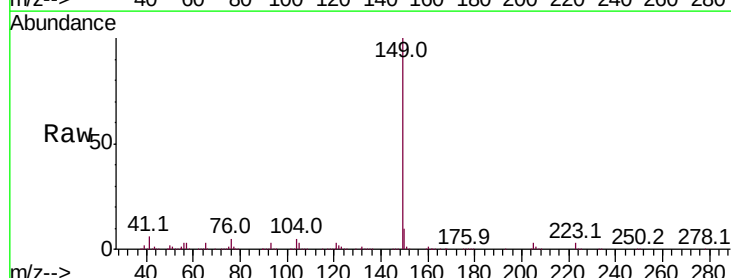
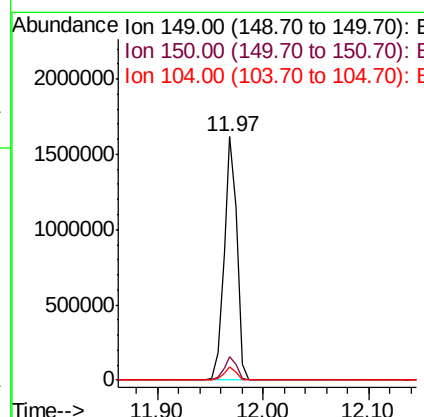
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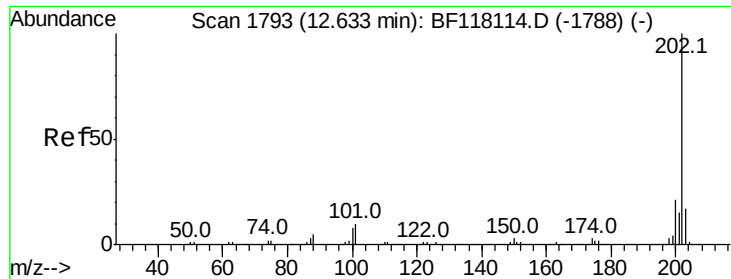
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#74
 Di-n-butylphthalate
 Concen: 41.526 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.2	4.3	6.5





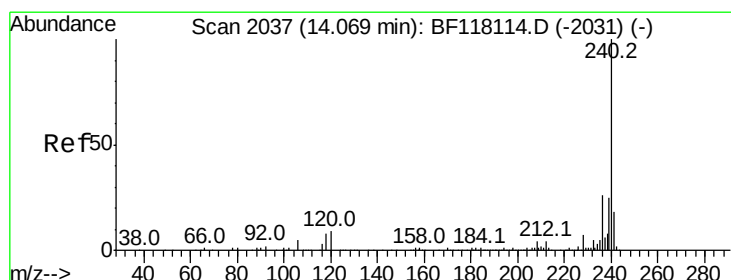
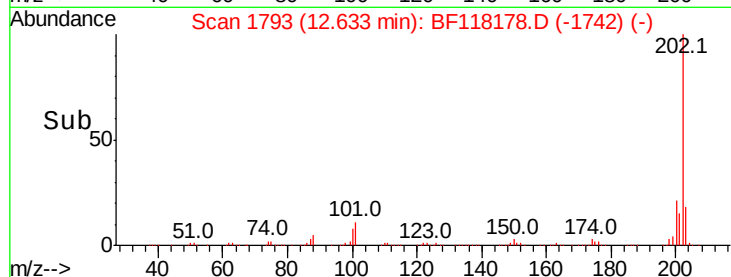
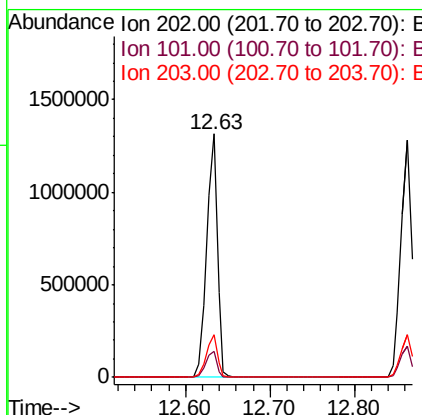
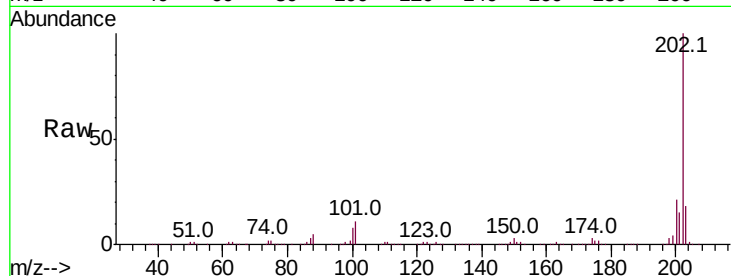
#75
Fluoranthene
 Concen: 37.845 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1156665		
101	10.6		0.0	30.4
203	17.7		0.0	37.2

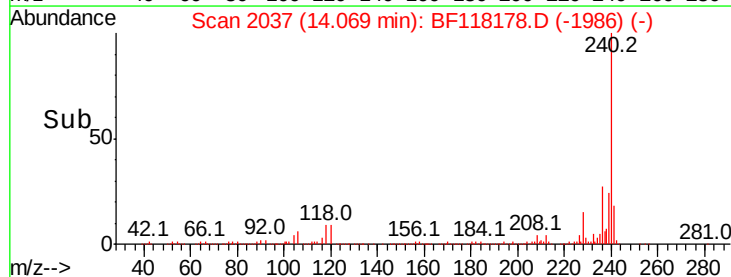
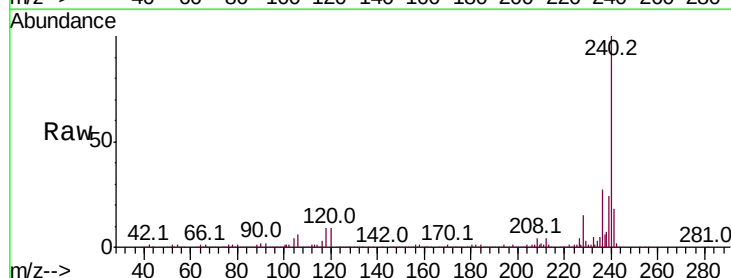
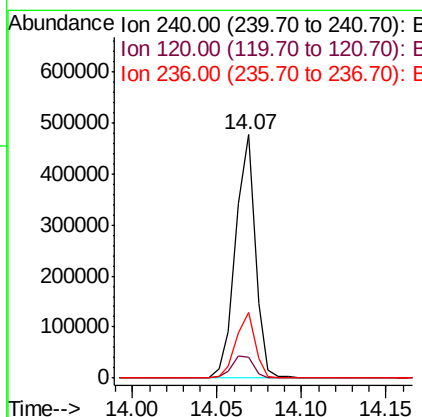
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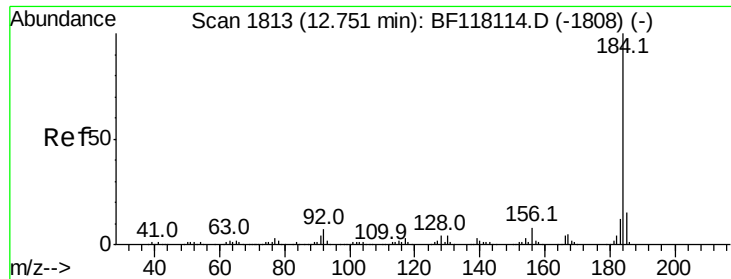
mohammad
 12/16/2019 12:25:01 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: BF118178.D
 Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	388149		
120	8.8		7.1	10.7
236	27.2		21.0	31.6





#77

Benzidine

Concen: 22.635 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 231288

Ion Ratio Lower Upper

184 100

185 15.3 12.3 18.5

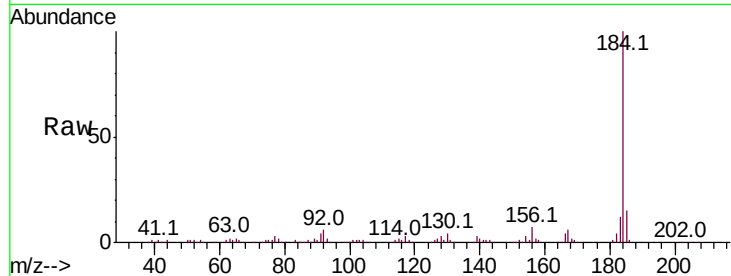
183 12.2 9.9 14.9

Manual Integrations

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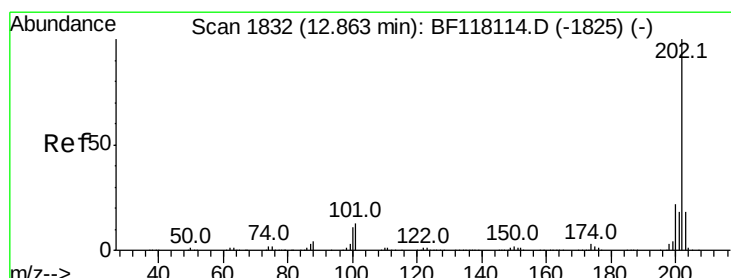
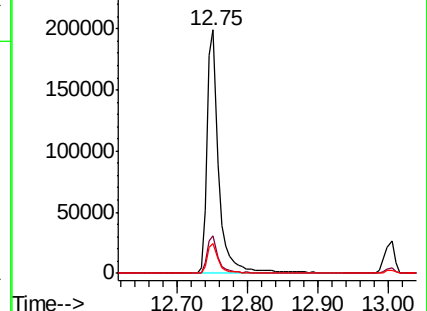
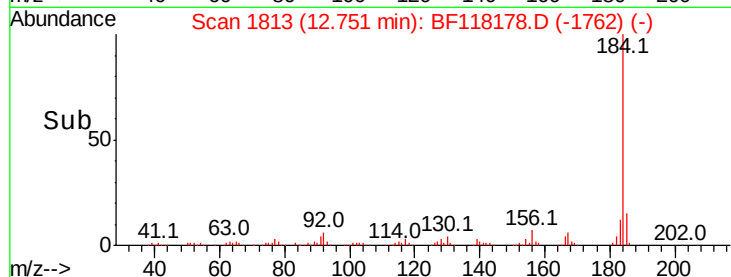
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.045 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

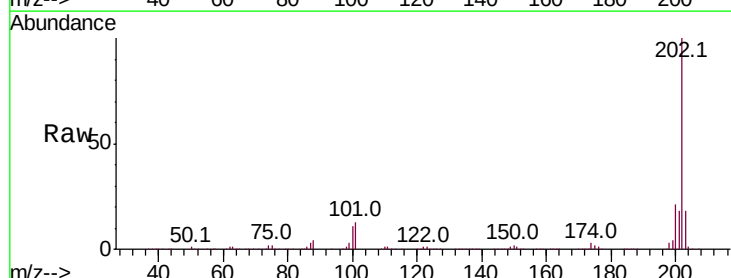
Tgt Ion:202 Resp: 1163724

Ion Ratio Lower Upper

202 100

200 21.4 17.5 26.3

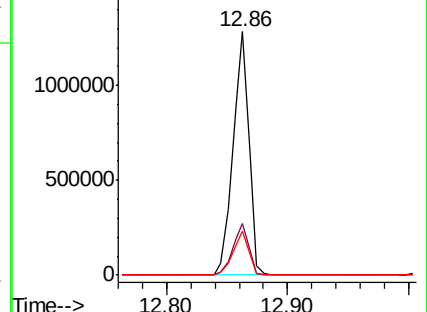
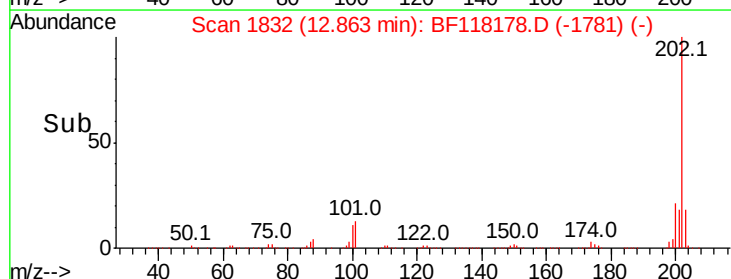
203 18.0 14.6 21.8

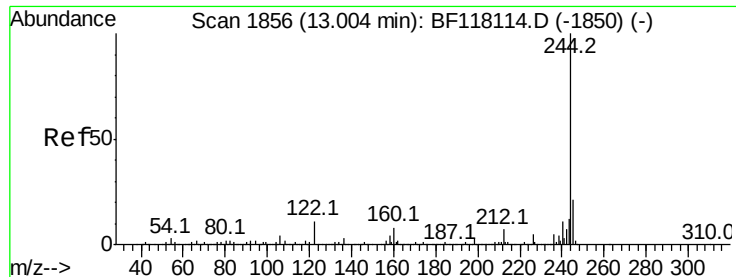


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





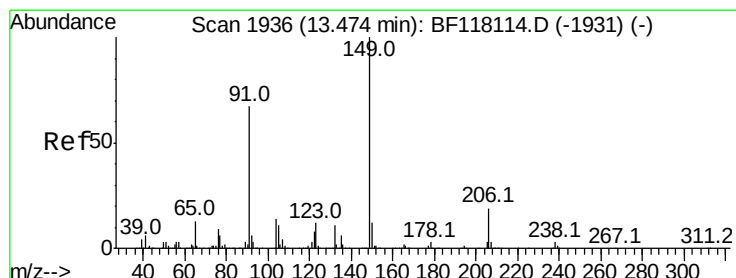
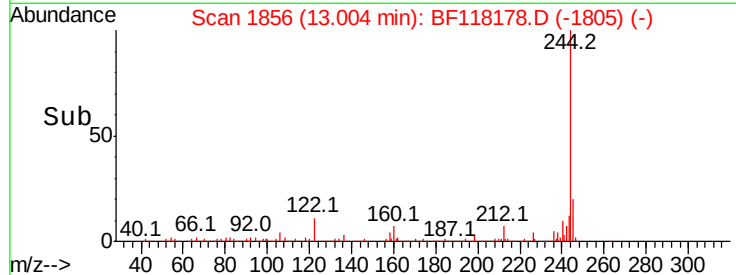
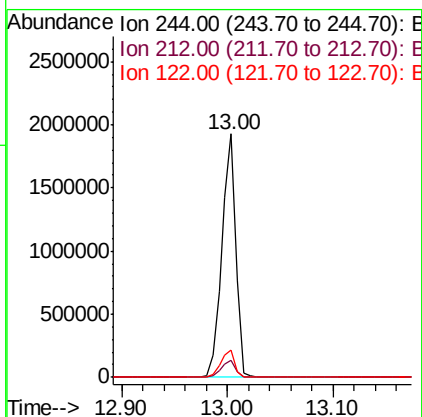
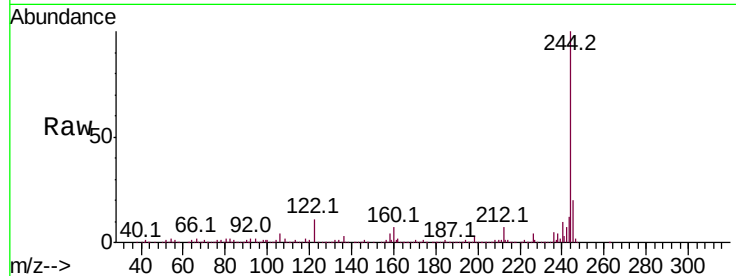
#79
Terphenyl-d14
Concen: 79.227 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	11.3	9.0	13.6

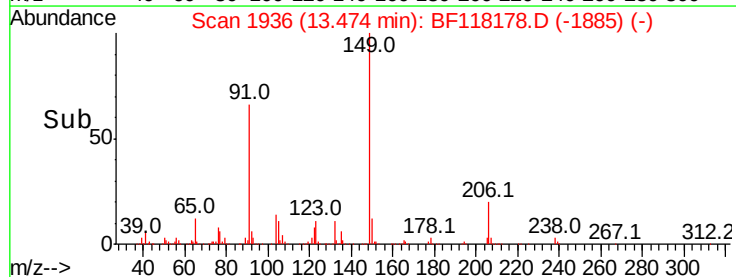
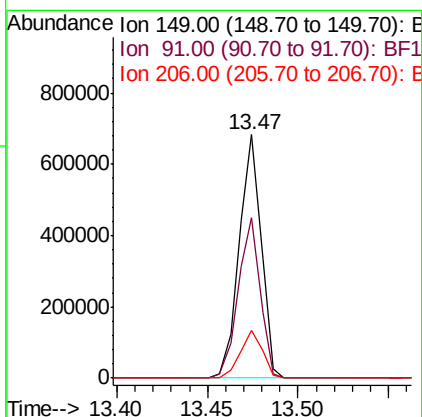
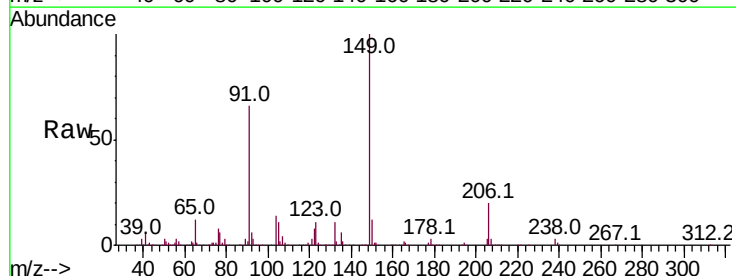
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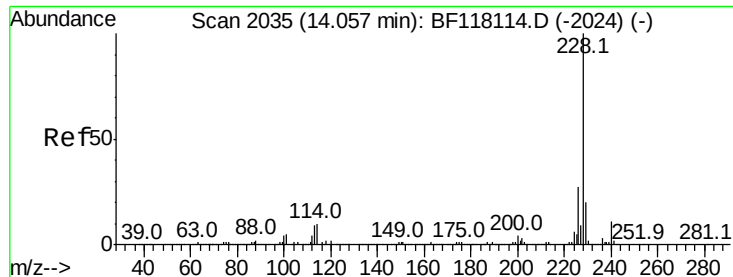
mohammad
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#80
Butylbenzylphthalate
Concen: 41.643 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.7	53.9	80.9
206	19.7	15.2	22.8





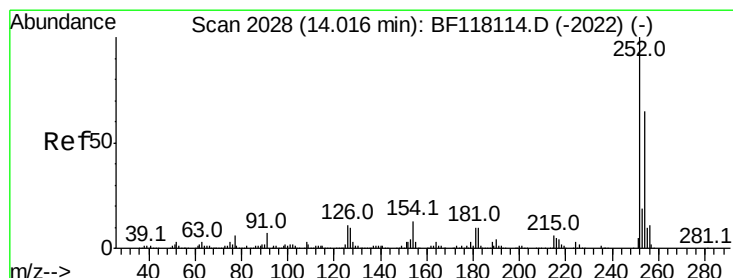
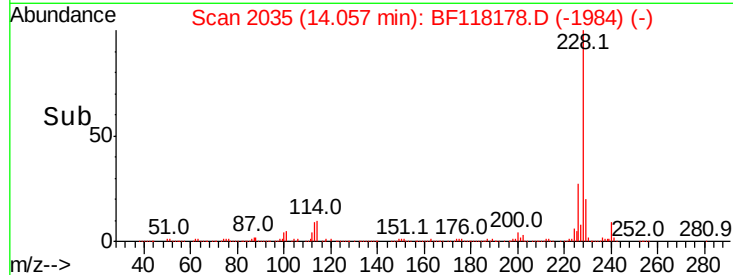
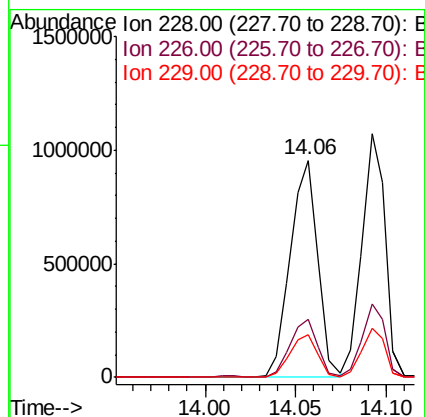
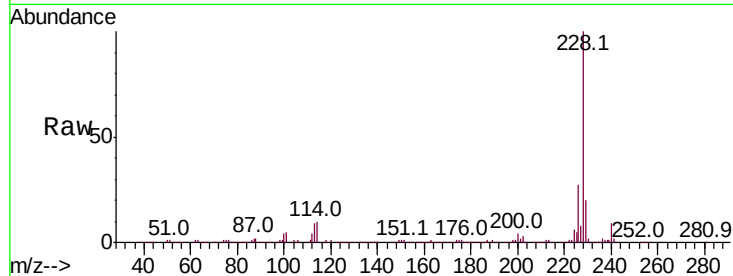
#81
Benzo(a)anthracene
Concen: 37.837 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.8	32.8
229	19.9	15.8	23.8

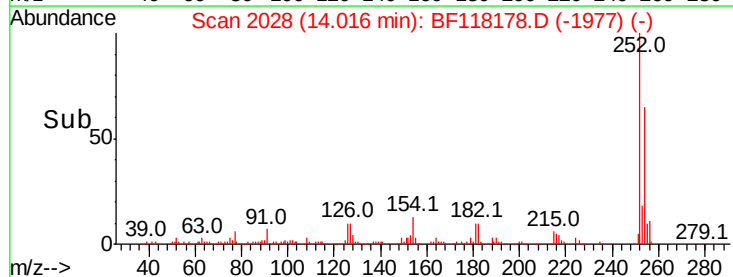
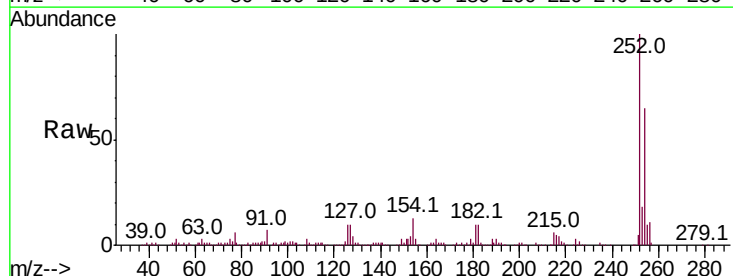
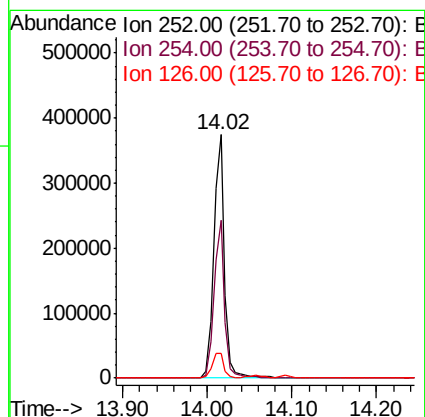
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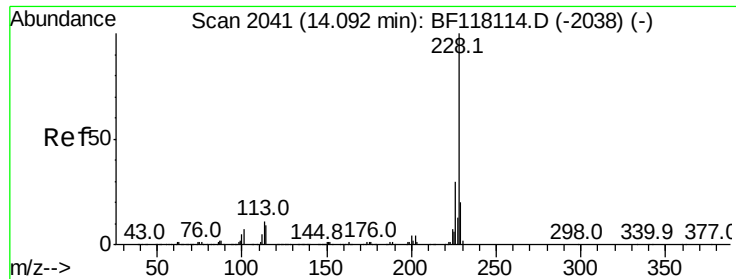
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 38.220 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.2	78.4
126	10.4	8.6	13.0





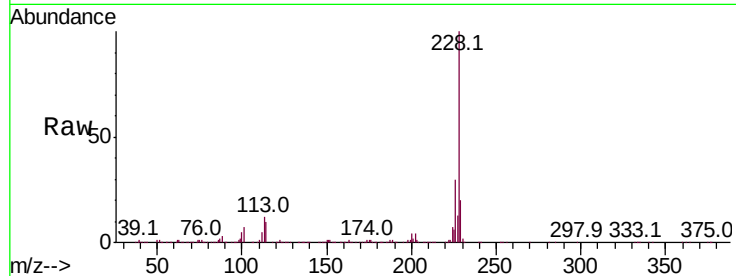
#83
Chrysene
Concen: 37.477 ng
RT: 14.09 min Scan# 2041
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

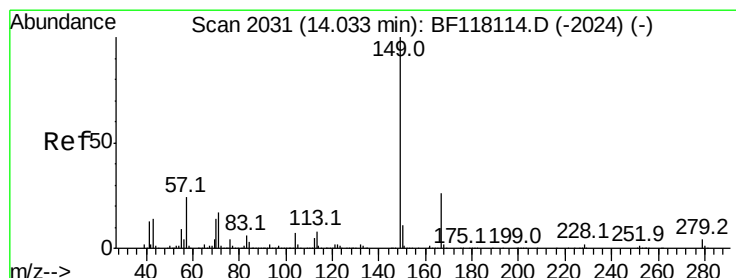
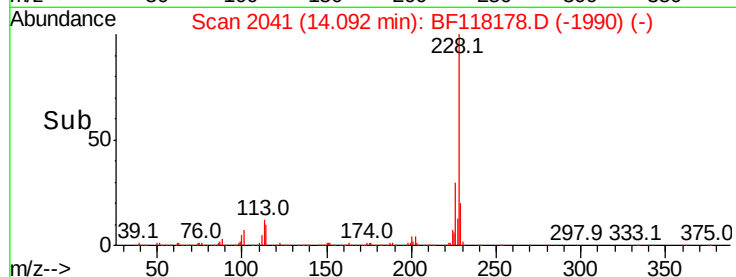
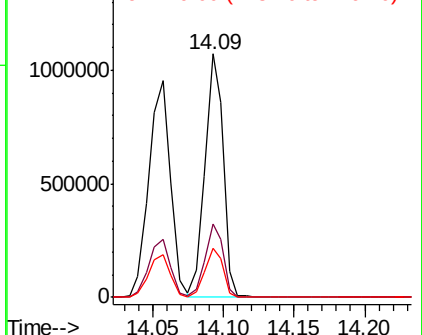
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.8	35.8
229	20.3	15.7	23.5

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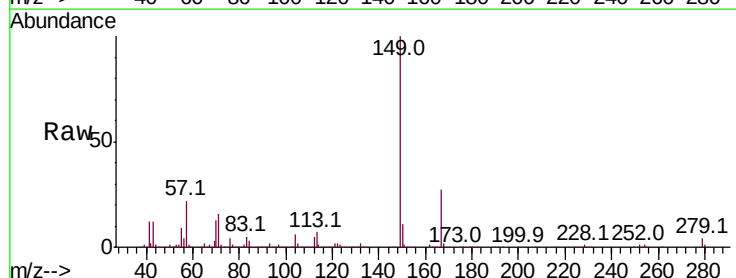


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

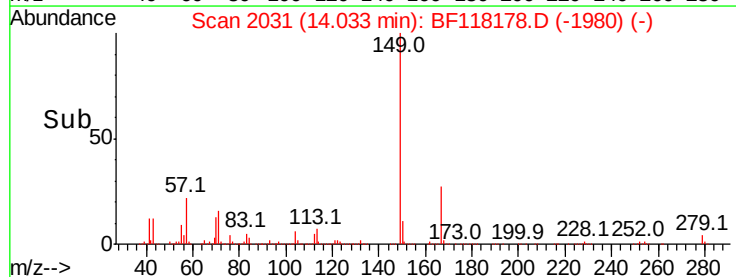
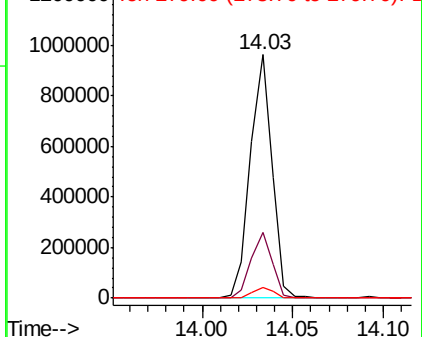


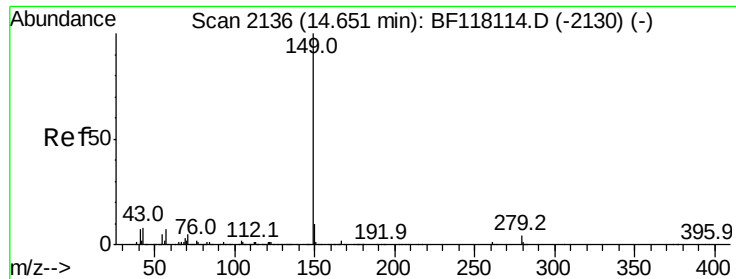
#84
Bis(2-ethylhexyl)phthalate
Concen: 44.055 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.8	31.2
279	4.2	2.9	4.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.115 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1220672

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

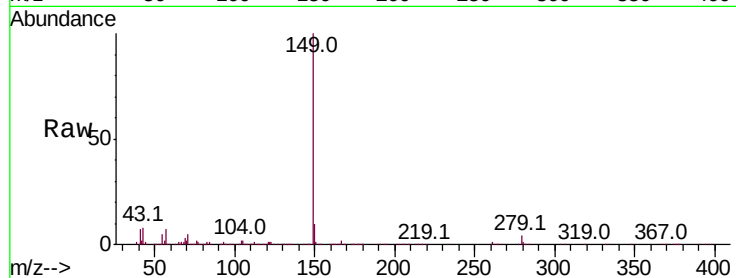
43 7.9 6.5 9.7

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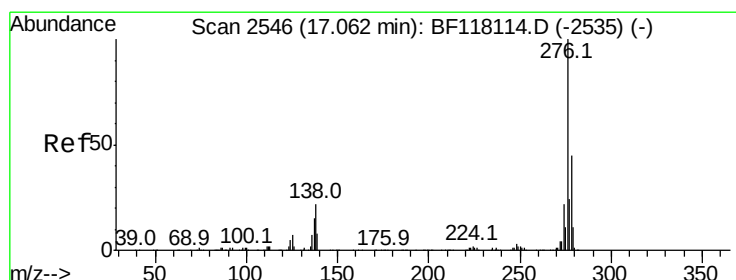
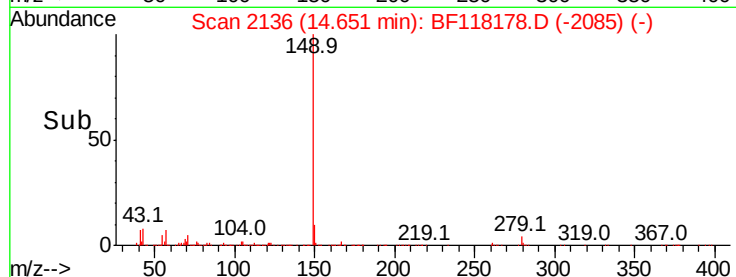
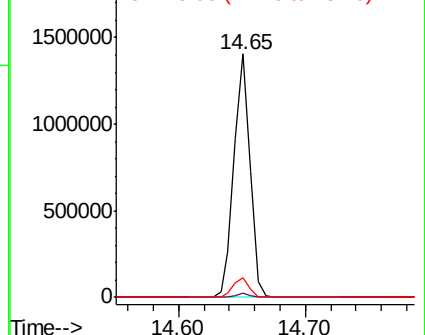
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.580 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

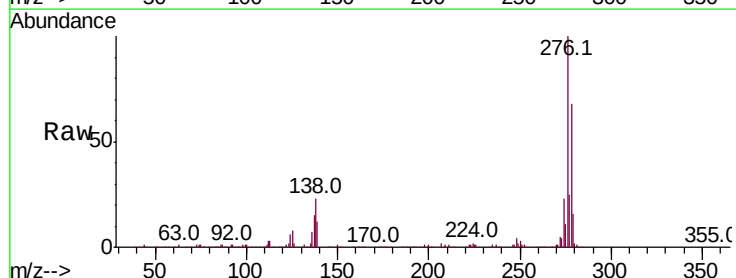
Tgt Ion:276 Resp: 767526

Ion Ratio Lower Upper

276 100

138 23.7 18.9 28.3

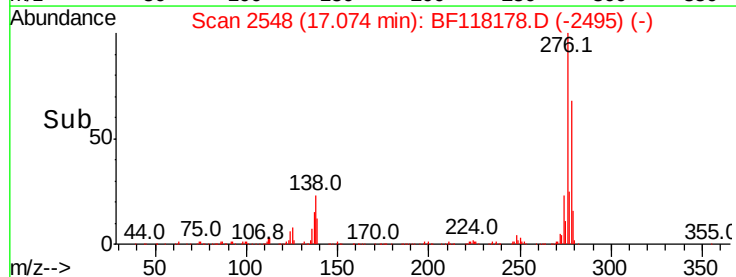
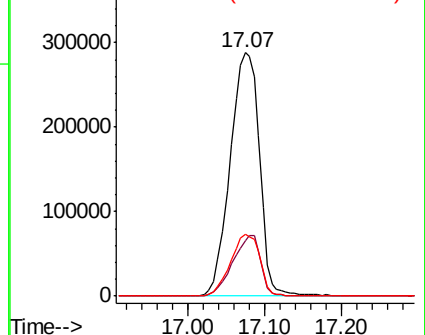
277 25.7 20.4 30.6

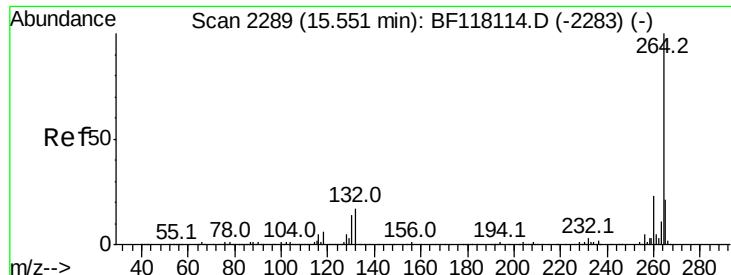


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





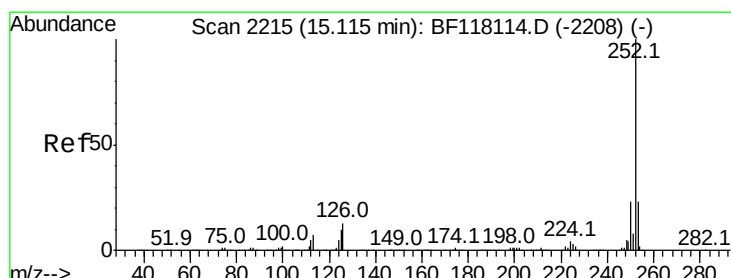
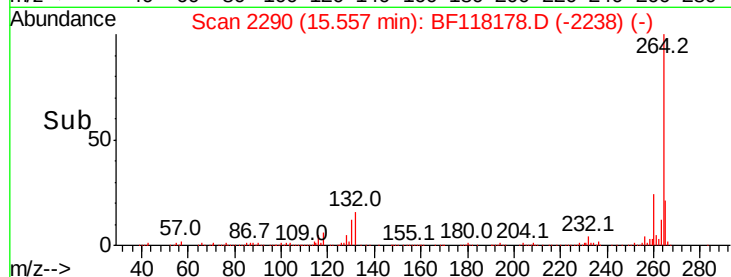
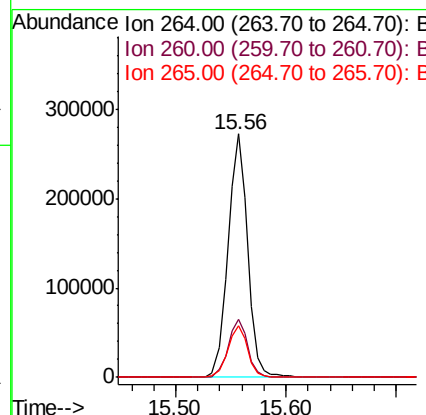
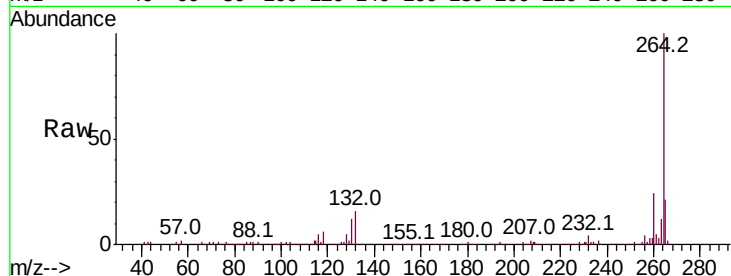
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.1	16.8	25.2

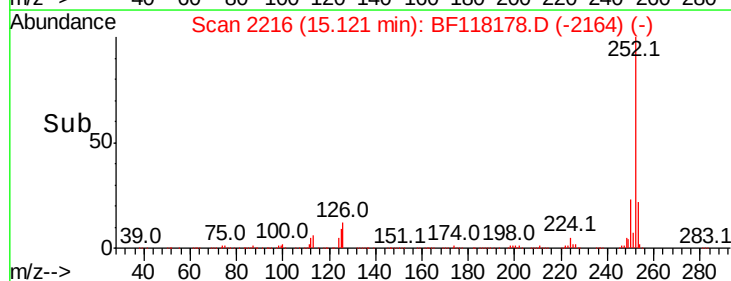
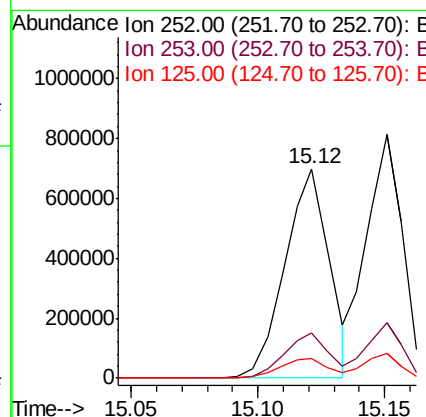
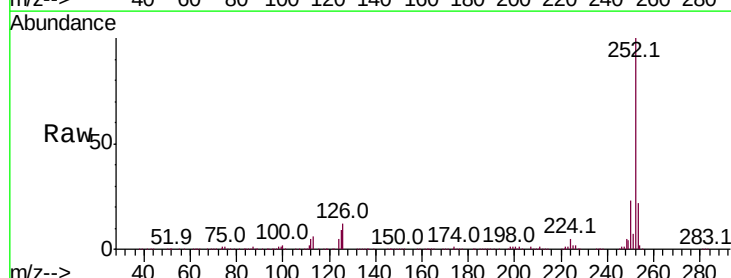
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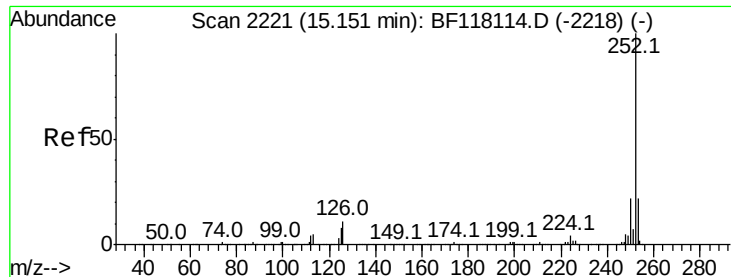
mohammad
12/16/2019 12:25:01 PM



#88
Benzo(b)fluoranthene
Concen: 37.785 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	9.2	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 38.184 ng

RT: 15.15 min Scan# 2221

Delta R.T. 0.00 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Instrument :

BNA_F

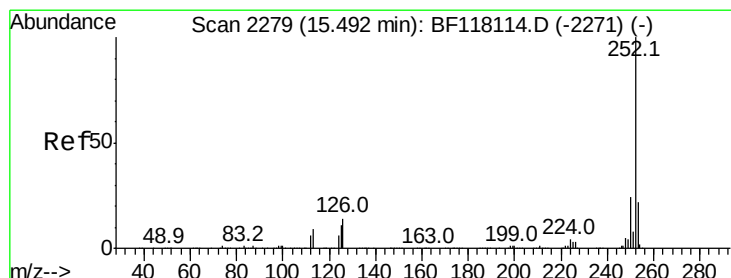
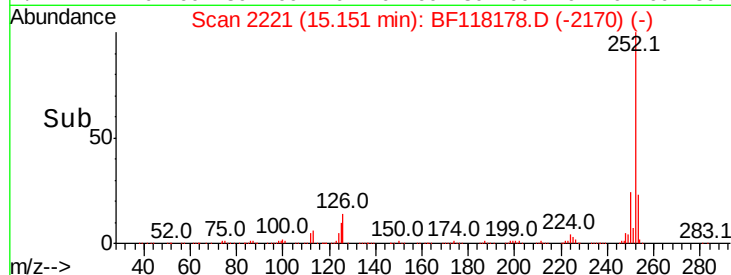
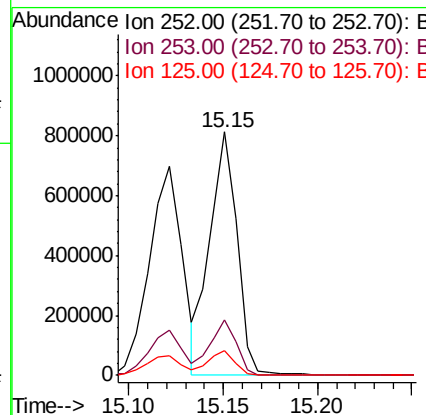
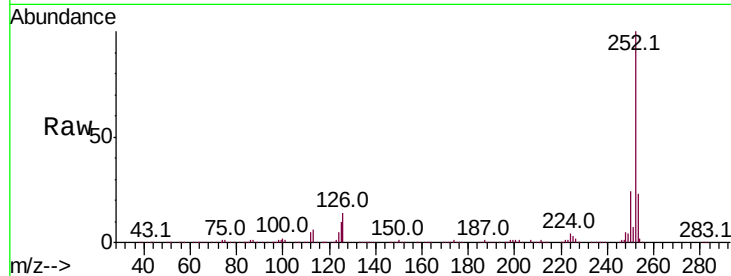
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	10.3	6.7	10.1

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#90

Benzo(a)pyrene

Concen: 37.548 ng

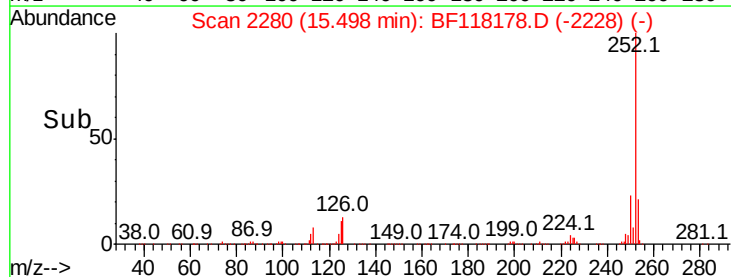
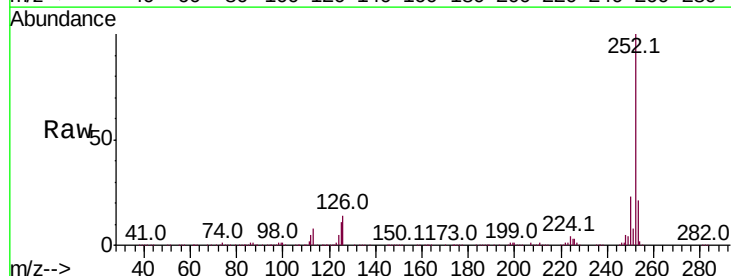
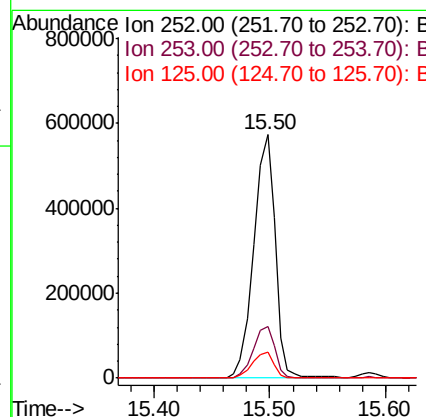
RT: 15.50 min Scan# 2280

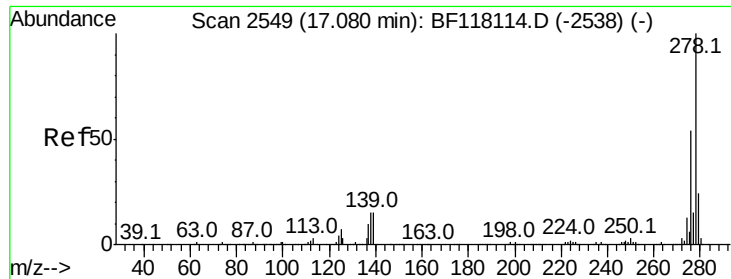
Delta R.T. 0.01 min

Lab File: BF118178.D

Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.5	26.3
125	10.6	9.1	13.7





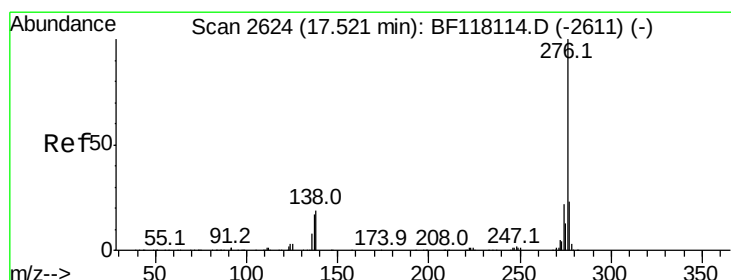
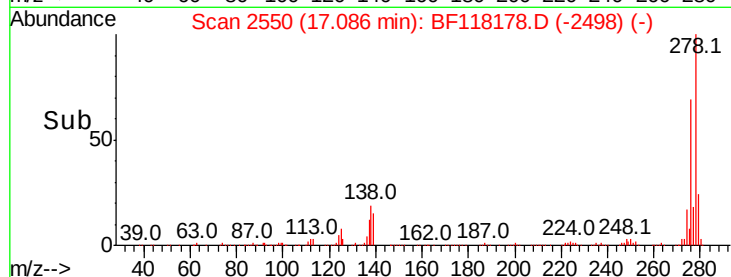
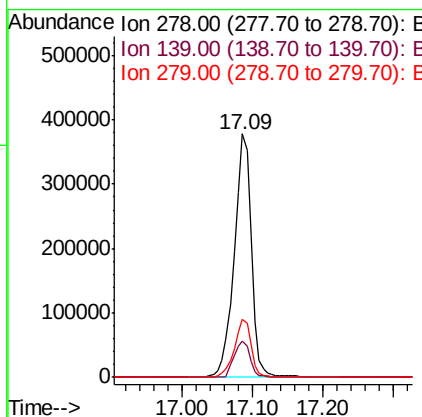
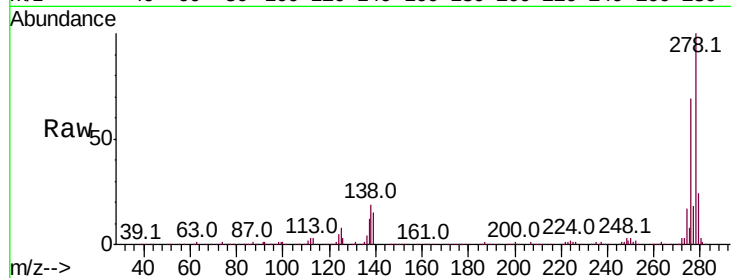
#91
Dibenzo(a,h)anthracene
Concen: 37.751 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	11.7	17.5
279	23.9	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 36.037 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118178.D
Acq: 13 Dec 2019 10:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.2	27.4
138	19.0	15.5	23.3

