

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118268.D
 Acq On : 18 Dec 2019 19:34
 Operator : JU
 Sample : K6357-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Manual Integrations
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mohammad
 12/19/2019 11:16:49 AM

Quant Time: Dec 19 03:56:09 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	6.86	152	106108	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	418108	20.00	ng	-0.01
39) Acenaphthene-d10	9.91	164	225420	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	425686	20.00	ng	0.00
76) Chrysene-d12	14.06	240	312630	20.00	ng	0.00
87) Perylene-d12	15.55	264	301486	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	781206	128.95	ng	0.00
7) Phenol-d6	6.50	99	1002318	136.79	ng	0.00
23) Nitrobenzene-d5	7.43	82	596190	80.22	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	351247	128.27	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1248141	84.25	ng	-0.01
79) Terphenyl-d14	13.00	244	1532358	84.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	93608	36.645	ng	98
3) Pyridine	3.40	79	228966	34.742	ng	98
4) n-Nitrosodimethylamine	3.35	42	122732	43.289	ng	92
6) Aniline	6.52	93	279510	29.820	ng	95
8) 2-Chlorophenol	6.65	128	322806	47.255	ng	98
9) Benzaldehyde	6.41	77	193693	57.844	ng	98
10) Phenol	6.51	94	409890	49.050	ng	96
11) bis(2-Chloroethyl)ether	6.60	93	276796	45.798	ng	96
12) 1,3-Dichlorobenzene	6.80	146	347365	43.529	ng	95
13) 1,4-Dichlorobenzene	6.88	146	351576	43.753	ng	97
14) 1,2-Dichlorobenzene	7.03	146	336037	44.531	ng	99
15) Benzyl Alcohol	7.00	79	266362	46.567	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314026	43.213	ng	94
17) 2-Methylphenol	7.12	107	257620	47.416	ng	99
18) Hexachloroethane	7.37	117	125425	42.360	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	202070	45.382	ng	97
20) 3+4-Methylphenols	7.27	107	327118	47.933	ng	95
22) Acetophenone	7.27	105	432233	43.030	ng	99
24) Nitrobenzene	7.45	77	313089	42.878	ng	98
25) Isophorone	7.69	82	574546	45.603	ng	100
26) 2-Nitrophenol	7.76	139	178546	45.749	ng	95
27) 2,4-Dimethylphenol	7.80	122	281234	54.023	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	357581	43.435	ng	100
29) 2,4-Dichlorophenol	8.01	162	273908	45.133	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	304119	42.880	ng	99
31) Naphthalene	8.17	128	957415	45.595	ng	99
32) Benzoic acid	7.93	122	179000	38.082	ng	99
33) 4-Chloroaniline	8.22	127	109486	12.075	ng	99
34) Hexachlorobutadiene	8.29	225	178262	41.915	ng	99
35) Caprolactam	8.59	113	89524m	47.834	ng	
36) 4-Chloro-3-methylphenol	8.71	107	290404	45.471	ng	97
37) 2-Methylnaphthalene	8.86	142	655115	46.083	ng	100
38) 1-Methylnaphthalene	8.96	142	614210	46.015	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	290624	42.559	ng	99

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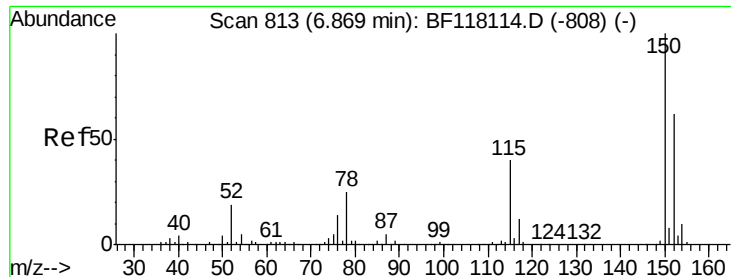
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	290309	94.884	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	197792	43.381	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	216501	45.832	nq	93
46) 1,1'-Biphenyl	9.33	154	788167	44.332	nq	100
47) 2-Chloronaphthalene	9.36	162	613839	42.922	nq	98
48) 2-Nitroaniline	9.45	65	167783	41.140	nq	96
49) Acenaphthylene	9.77	152	966085	45.800	nq	99
50) Dimethylphthalate	9.63	163	847007	50.870	nq	98
51) 2,6-Dinitrotoluene	9.70	165	164645	45.475	nq	94
52) Acenaphthene	9.95	154	565168	43.897	nq	98
53) 3-Nitroaniline	9.87	138	83482	19.593	nq	95
54) 2,4-Dinitrophenol	9.98	184	150969	83.812	nq	99
55) Dibenzofuran	10.12	168	863843	45.791	nq	98
56) 4-Nitrophenol	10.05	139	251948	85.205	nq	93
57) 2,4-Dinitrotoluene	10.10	165	222835	46.112	nq	97
58) Fluorene	10.46	166	688389	45.917	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	179486	46.055	nq	98
60) Diethylphthalate	10.33	149	754992	46.022	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	342706	45.432	nq	97
62) 4-Nitroaniline	10.49	138	179534	40.400	nq	97
63) Azobenzene	10.62	77	645562	46.097	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	113010	48.072	nq	91
66) n-Nitrosodiphenylamine	10.57	169	615968	46.336	nq	100
67) 4-Bromophenyl-phenylether	10.95	248	212446	43.720	nq	95
68) Hexachlorobenzene	11.02	284	244998	42.836	nq	97
70) Pentachlorophenol	11.22	266	236727	88.012	nq	99
71) Phenanthrene	11.43	178	1026391	45.357	nq	99
72) Anthracene	11.49	178	1076714	47.697	nq	100
73) Carbazole	11.64	167	934770	46.153	nq	99
74) Di-n-butylphthalate	11.96	149	1203759	47.489	nq	100
75) Fluoranthene	12.63	202	1068382	46.178	nq	99
77) Benzdine	12.75	184	377109	45.821	nq	98
78) Pyrene	12.86	202	1068994	43.390	nq	100
80) Butylbenzylphthalate	13.47	149	508916	45.612	nq	98
81) Benzo(a)anthracene	14.05	228	939019	43.438	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	181481	25.562	nq	97
83) Chrysene	14.09	228	902515	43.706	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	723143	49.152	nq	# 99
85) Di-n-octyl phthalate	14.65	149	1138857	51.100	nq	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	915279	52.679	nq	99
88) Benzo(b)fluoranthene	15.12	252	852193	42.739	nq	97
89) Benzo(k)fluoranthene	15.15	252	809975	42.285	nq	99
90) Benzo(a)pyrene	15.49	252	752199	42.714	nq	98
91) Dibenzo(a,h)anthracene	17.08	278	770503	51.012	nq	98
92) Benzo(g,h,i)perylene	17.53	276	778559	53.640	nq	98

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



#1

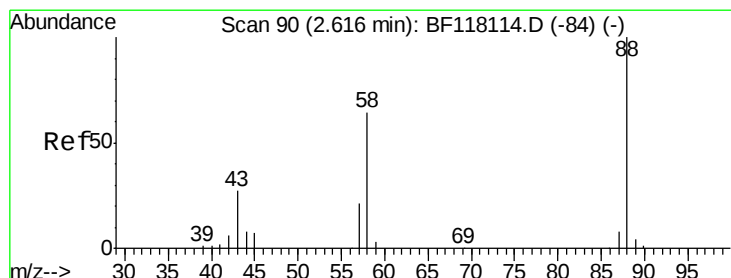
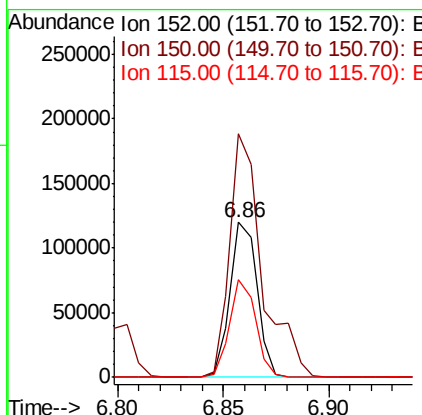
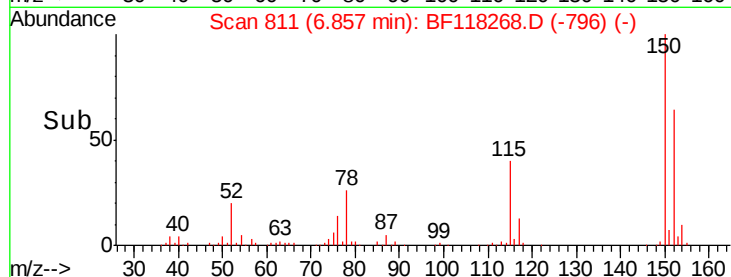
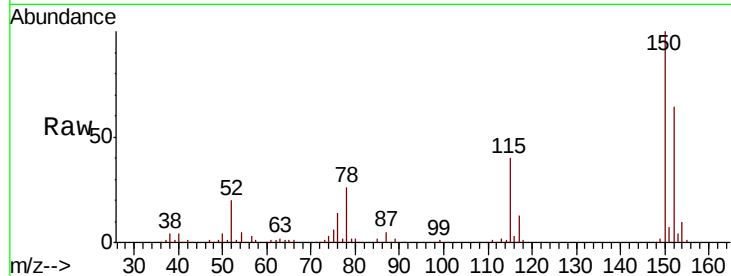
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleID :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	128.3	192.5
115	63.0	51.1	76.7

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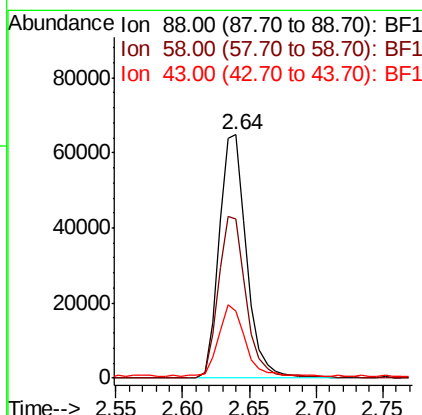
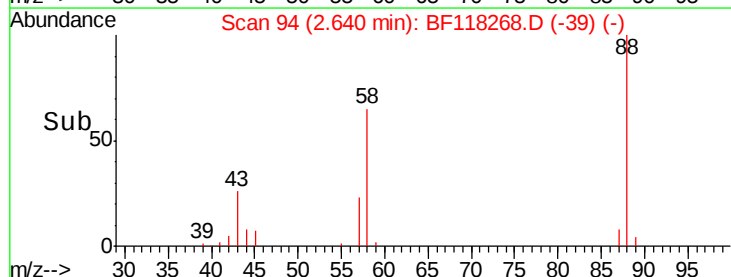
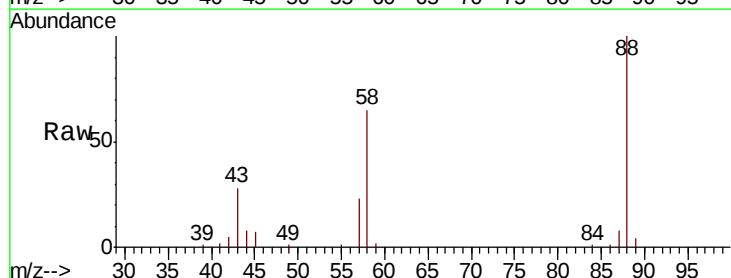
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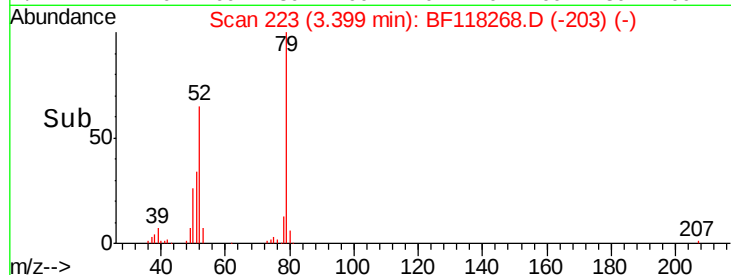
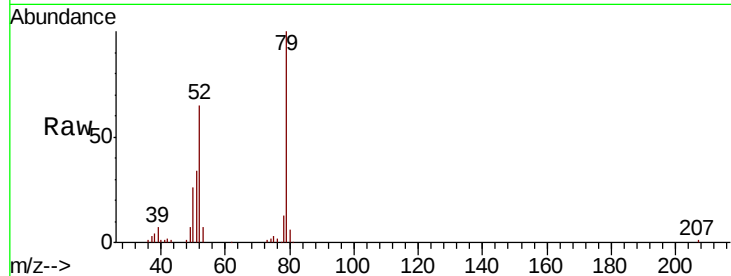
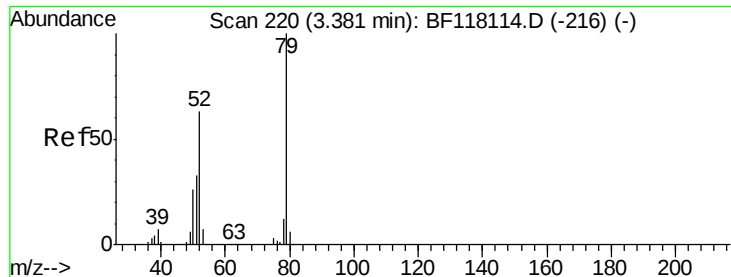


#2

1,4-Dioxane
 Concen: 36.645 ng
 RT: 2.64 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.3	52.2	78.4
43	28.0	21.4	32.2





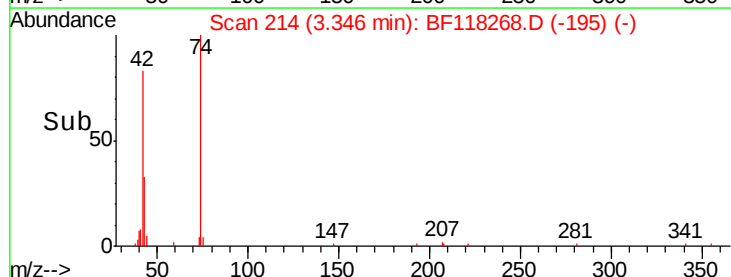
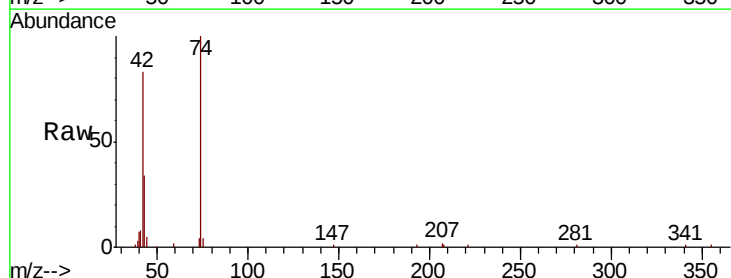
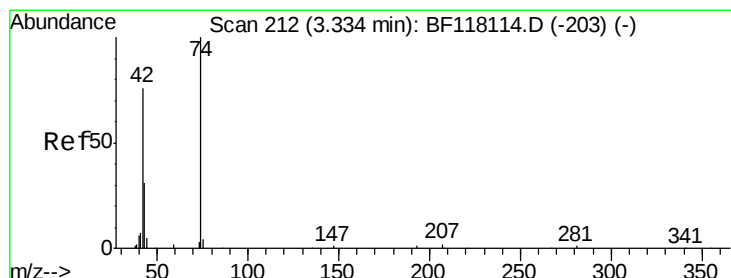
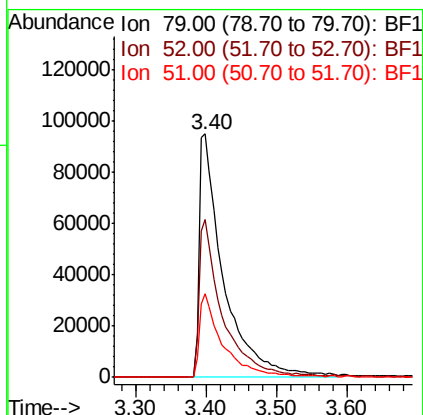
#3
Pvridine
Concen: 34.742 ng
RT: 3.40 min Scan# 223
Delta R.T. 0.02 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.7	50.7	76.1
51	34.3	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
PF-01MS

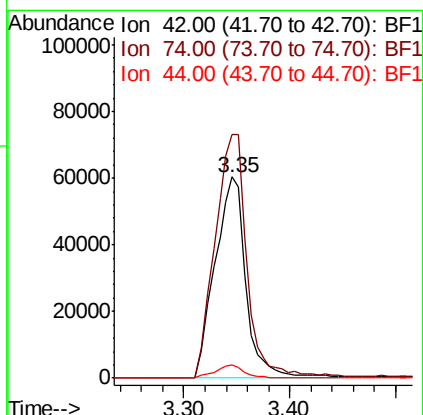
Manual Integrations
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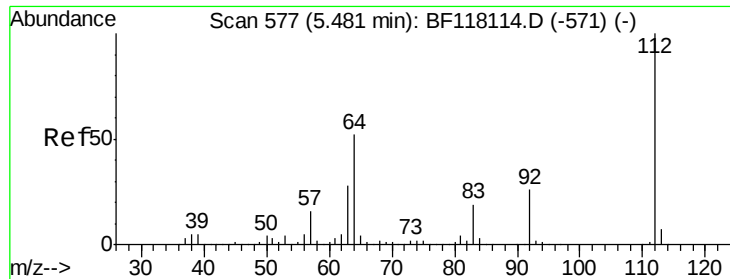
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#4
n-Nitrosodimethylamine
Concen: 43.289 ng
RT: 3.35 min Scan# 214
Delta R.T. 0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	121.2	104.6	157.0
44	6.3	5.1	7.7





#5

2-Fluorophenol

Concen: 128.949 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

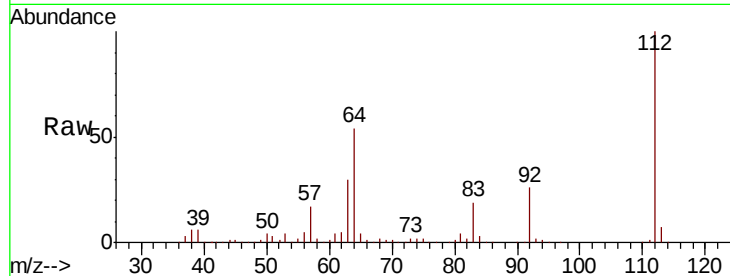
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PF-01MS

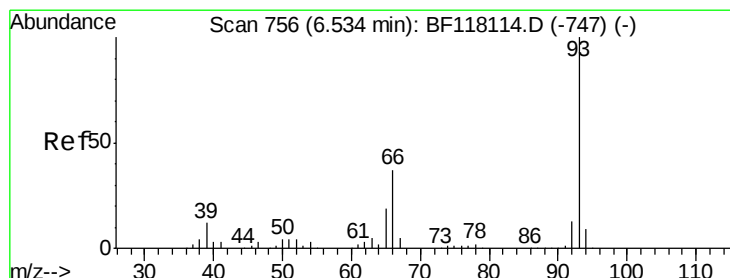
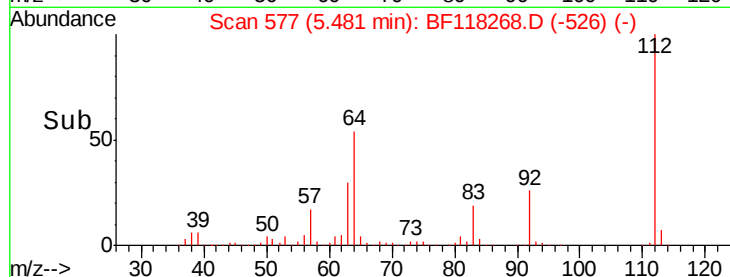
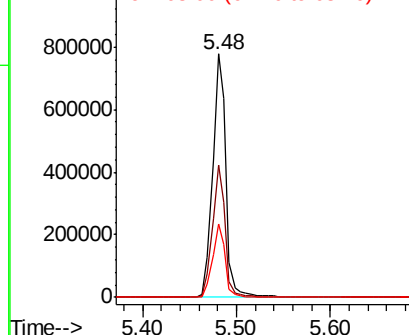
Tot Ion:	112	Resp:	781206
Ion Ratio	Lower	Upper	
112	100		
64	54.1	41.3	61.9
63	29.9	22.4	33.6

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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: 29.820 ng

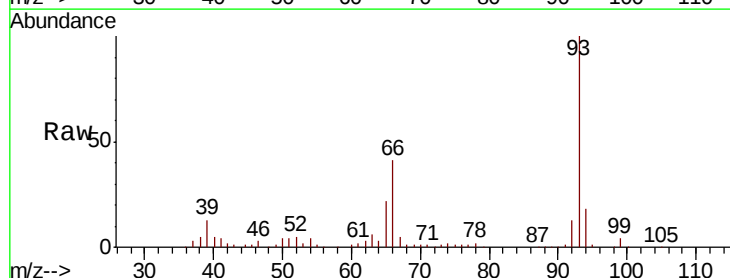
RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

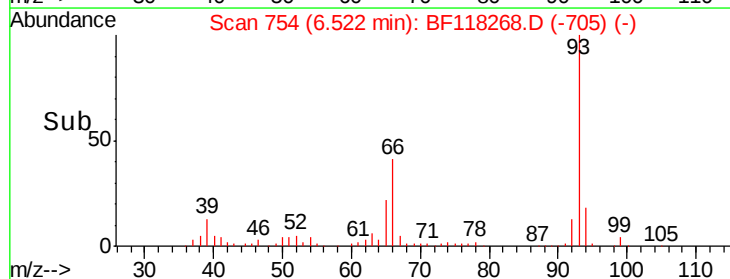
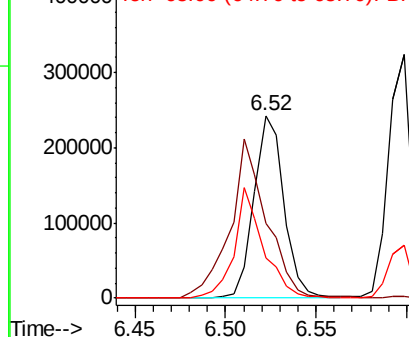
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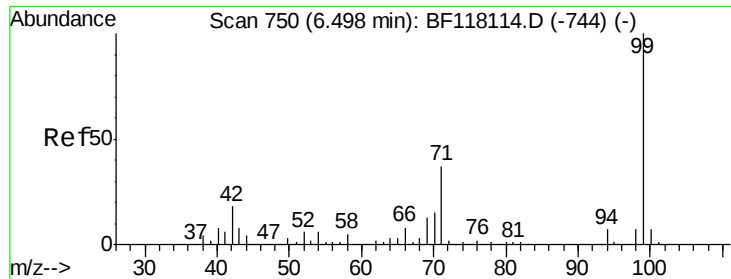
Acq: 18 Dec 2019 19:34

Tgt Ion:	93	Resp:	279510
Ion Ratio	Lower	Upper	
93	100		
66	40.6	30.2	45.2
65	21.9	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: 136.786 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion: 99 Resp: 1002318

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

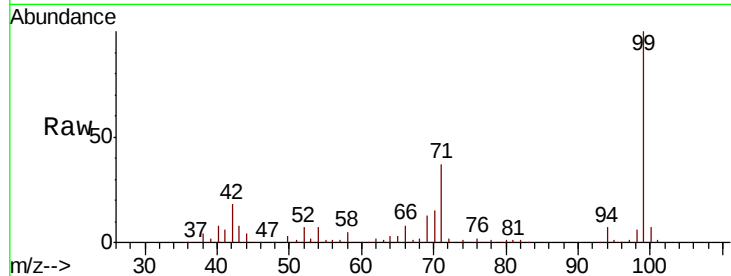
71 37.4 29.7 44.5

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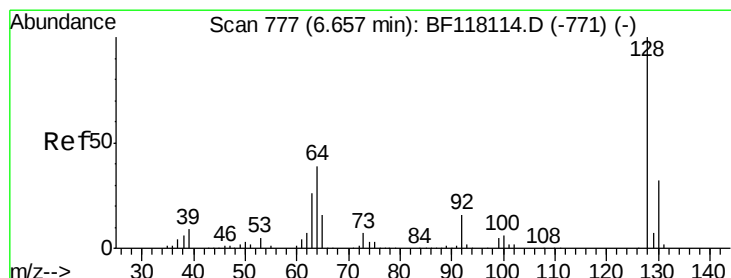
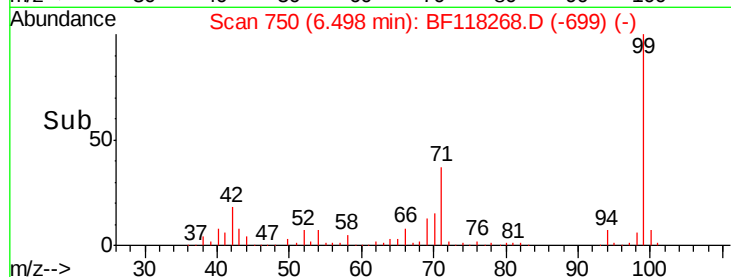
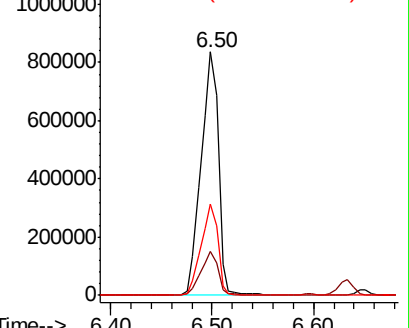
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 47.255 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

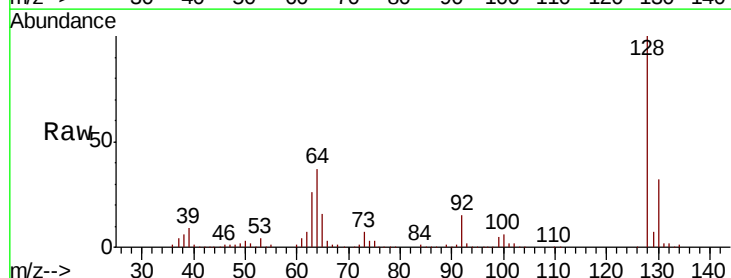
Tgt Ion: 128 Resp: 322806

Ion Ratio Lower Upper

128 100

130 32.4 12.1 52.1

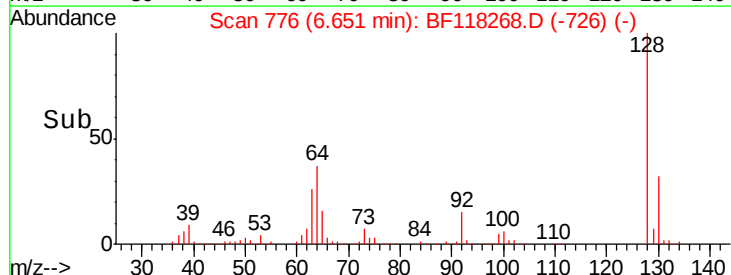
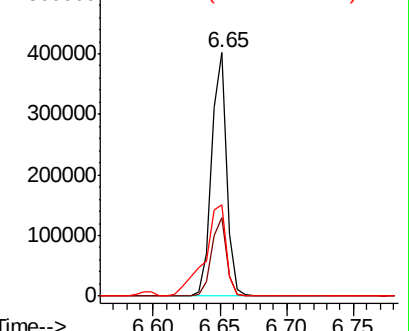
64 37.3 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 57.844 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

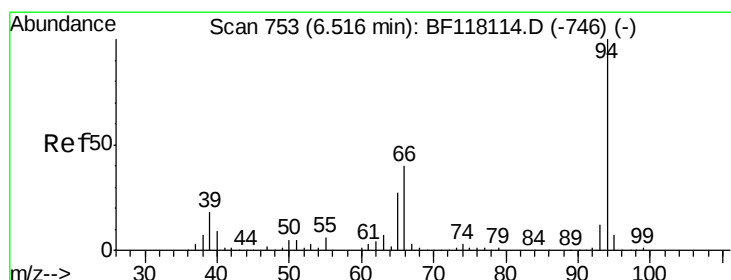
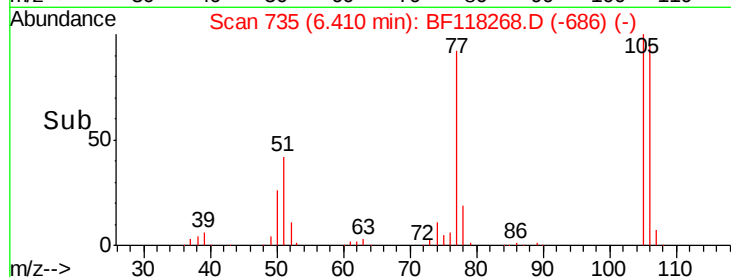
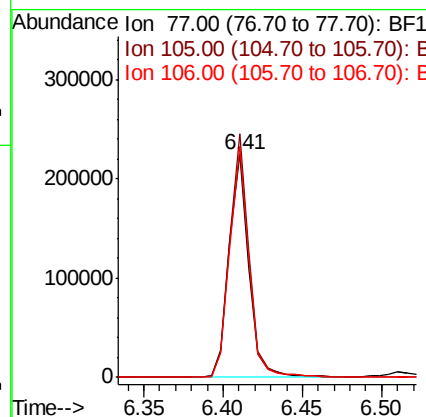
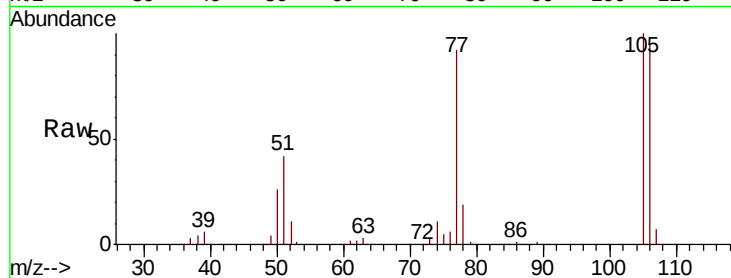
ClientSampleId :

PF-01MS

Tot Ion:	77	Resp:	193693
Ion	Ratio	Lower	Upper
77	100		
105	109.3	86.4	126.4
106	103.4	83.8	123.8

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#10

Phenol

Concen: 49.050 ng

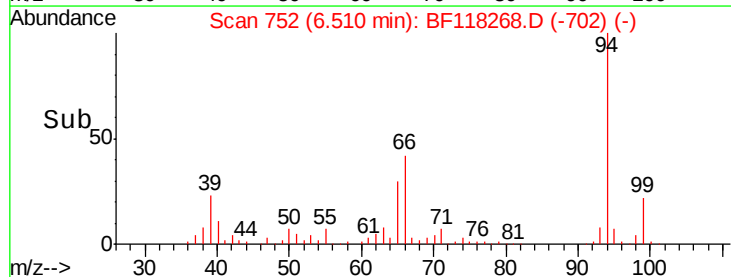
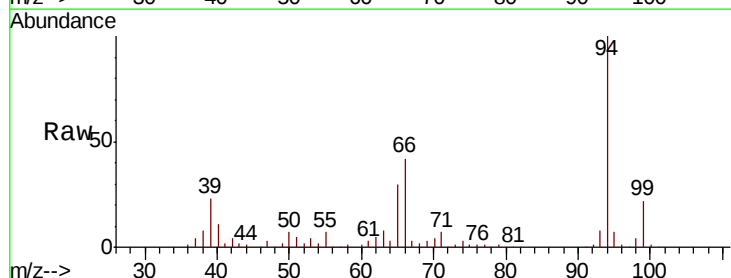
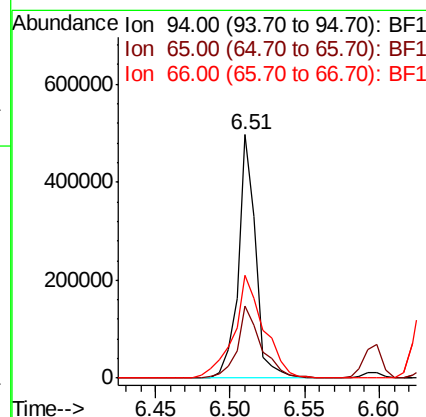
RT: 6.51 min Scan# 752

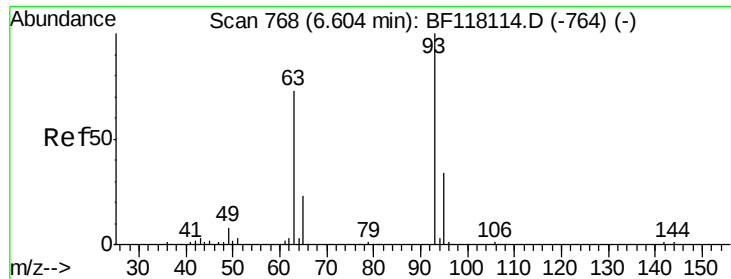
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	94	Resp:	409890
Ion	Ratio	Lower	Upper
94	100		
65	29.7	7.3	47.3
66	42.4	20.2	60.2





#11

bis(2-Chloroethyl)ether

Concen: 45.798 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

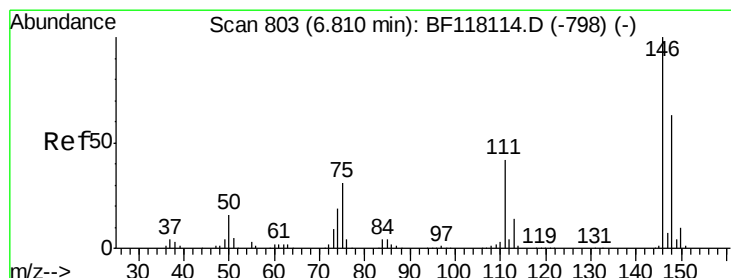
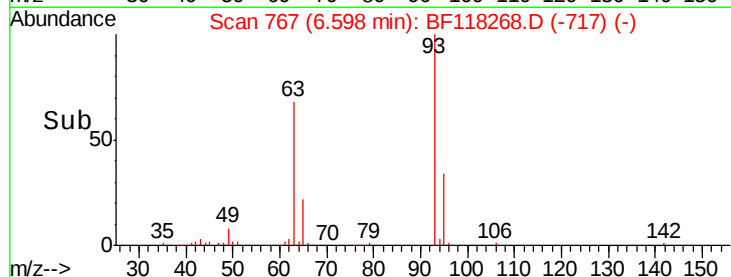
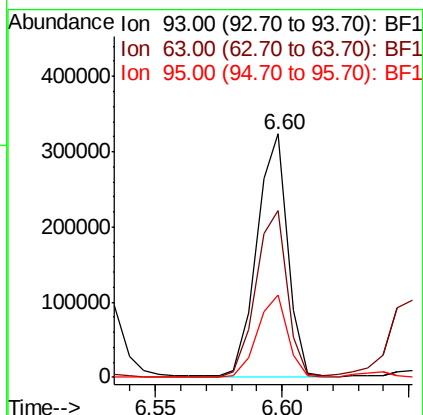
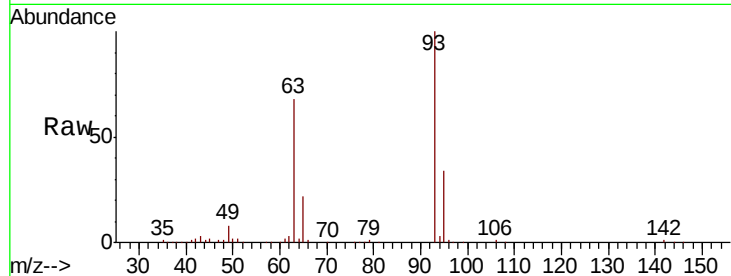
ClientSampleId :

PF-01MS

Tot Ion:	93	Resp:	276796
Ion Ratio	Lower	Upper	
93	100		
63	68.3	53.2	93.2
95	33.6	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 43.529 ng

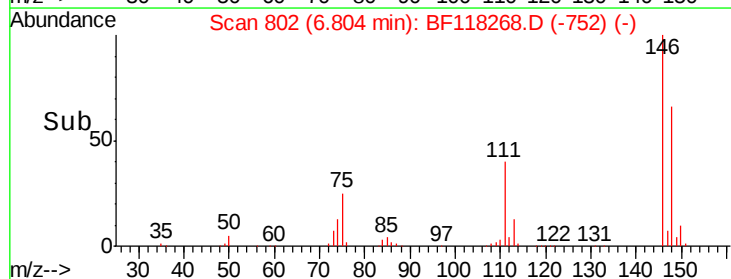
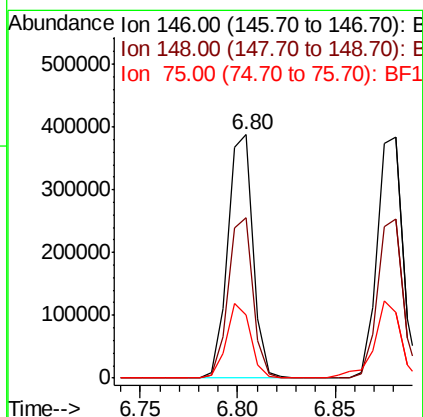
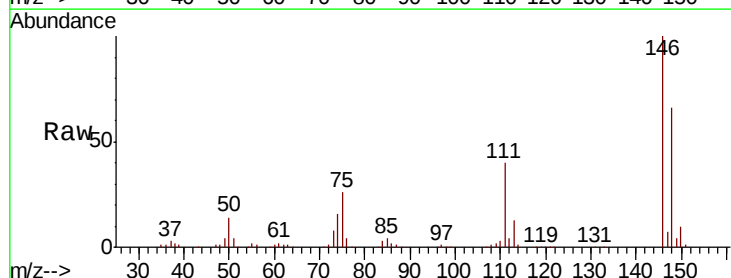
RT: 6.80 min Scan# 802

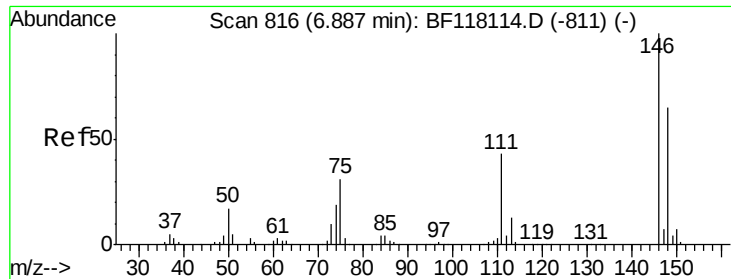
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	146	Resp:	347365
Ion Ratio	Lower	Upper	
146	100		
148	65.9	50.2	75.4
75	26.2	24.6	37.0





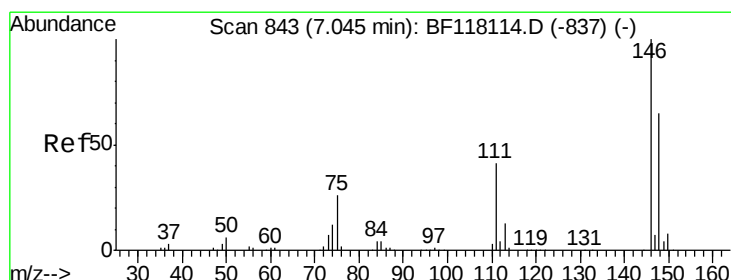
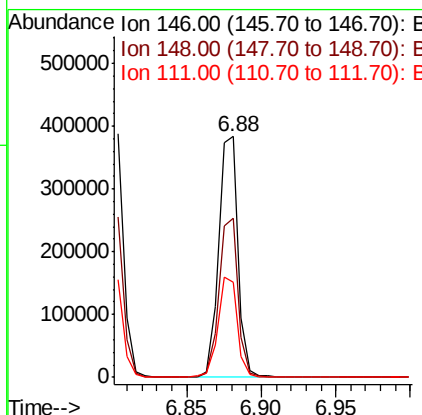
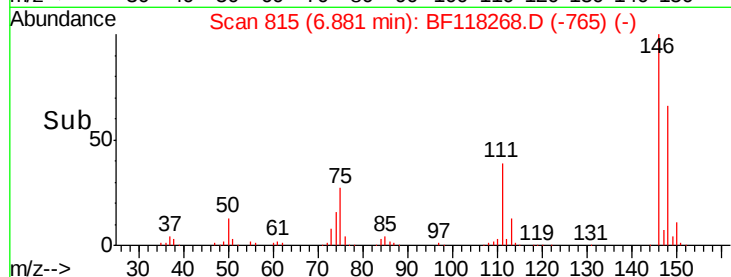
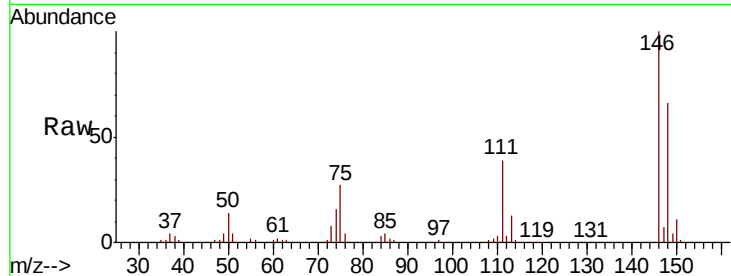
#13
1,4-Dichlorobenzene
Concen: 43.753 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.1	78.1
111	39.4	34.6	52.0

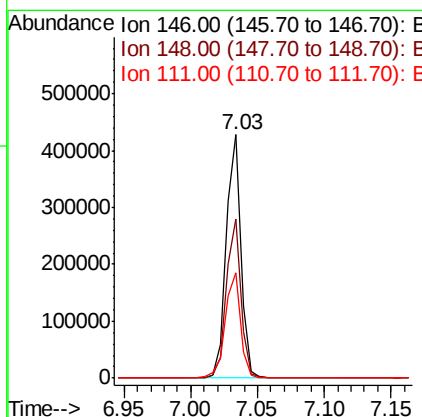
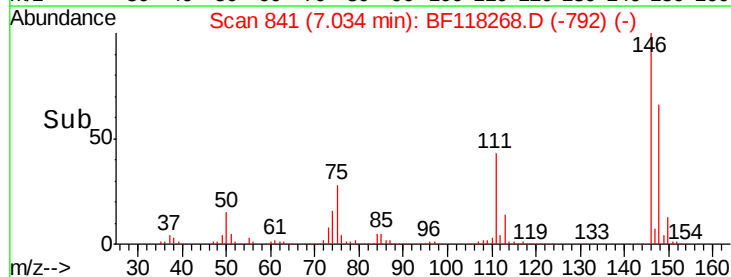
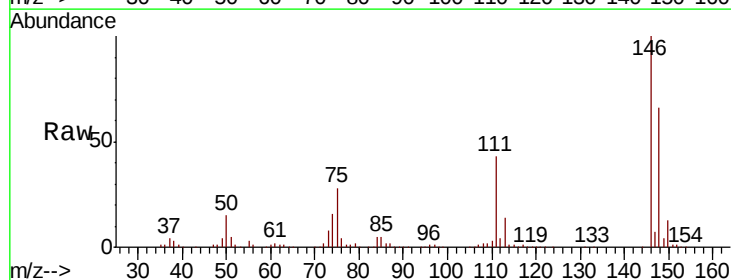
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#14
1,2-Dichlorobenzene
Concen: 44.531 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.2
111	43.3	33.1	49.7





#15

Benzyl Alcohol

Concen: 46.567 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampled :

PF-01MS

Tot Ion: 79 Resp: 266362

Ion Ratio Lower Upper

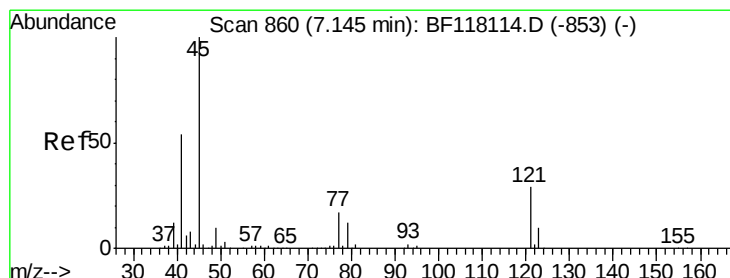
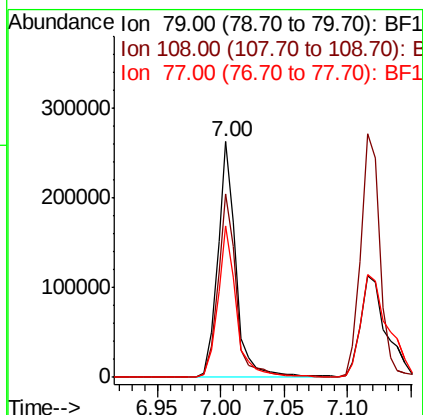
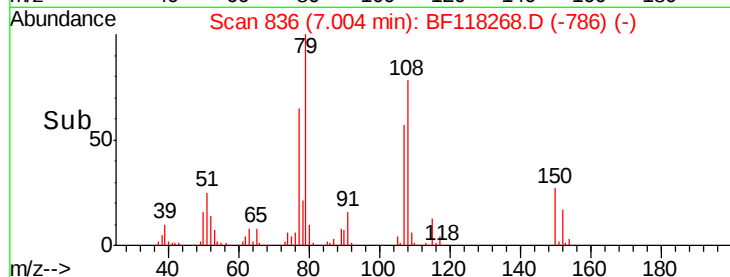
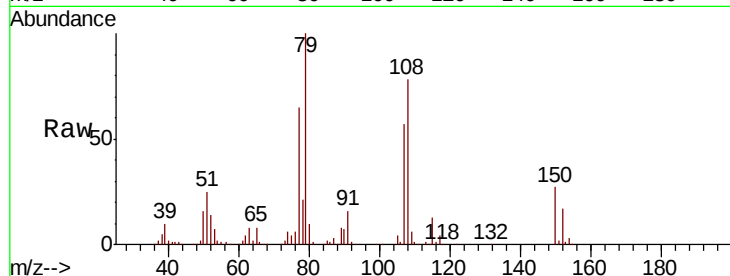
79 100

108 78.2 62.7 94.1

77 64.6 51.4 77.2

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.213 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

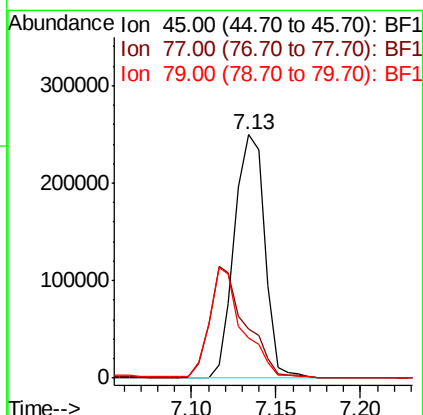
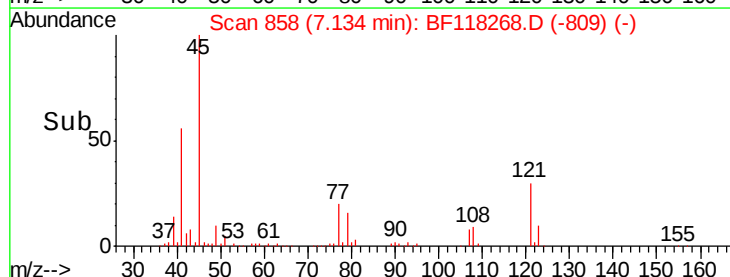
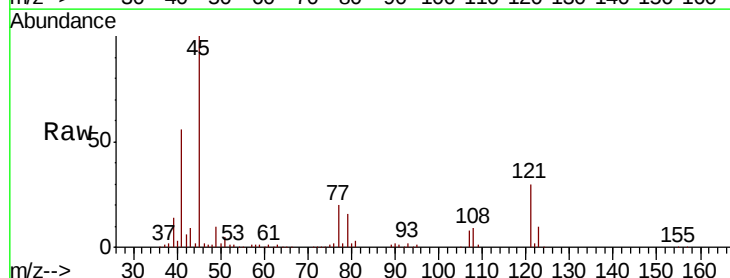
Tgt Ion: 45 Resp: 314026

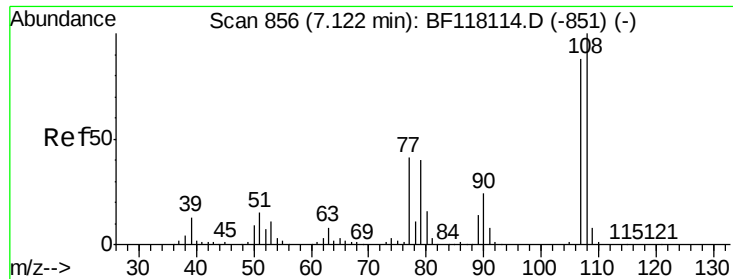
Ion Ratio Lower Upper

45 100

77 20.0 0.0 38.0

79 16.3 0.0 33.2





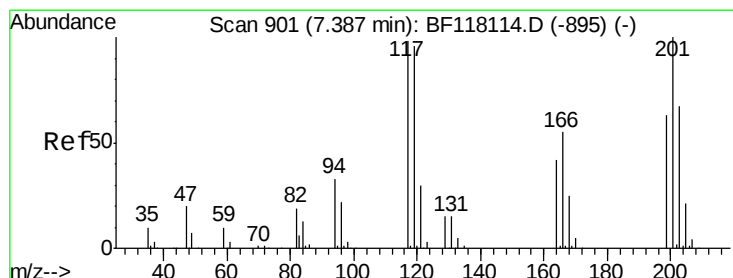
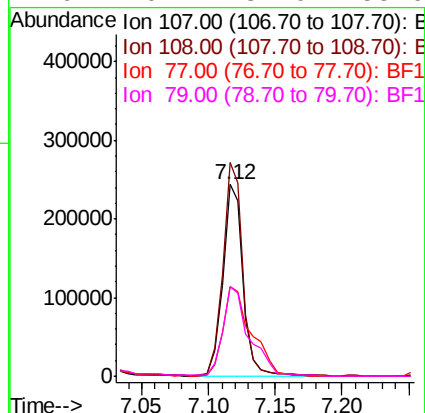
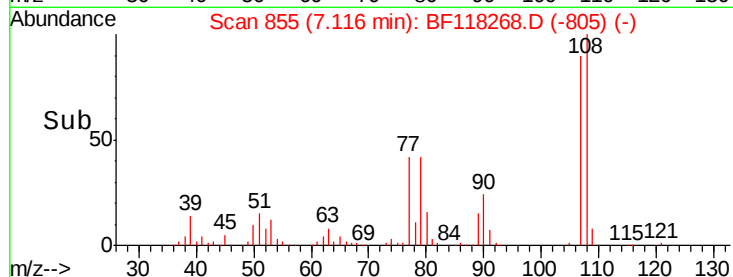
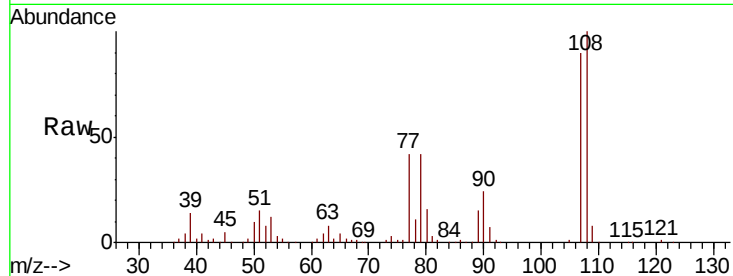
#17
2-Methylphenol
Concen: 47.416 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	91.1	136.7	
77	46.9	37.8	56.6	
79	46.4	37.0	55.6	

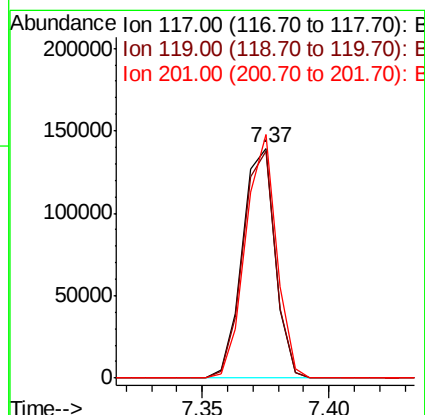
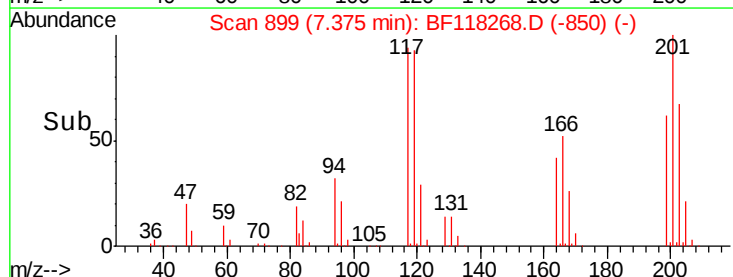
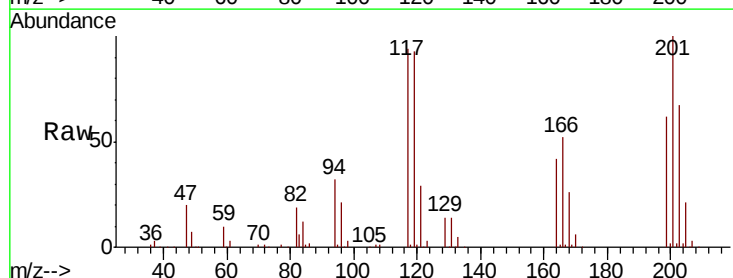
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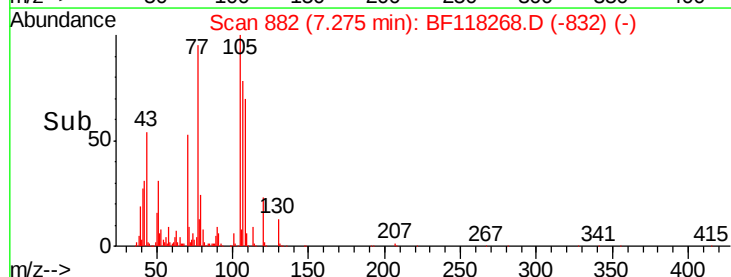
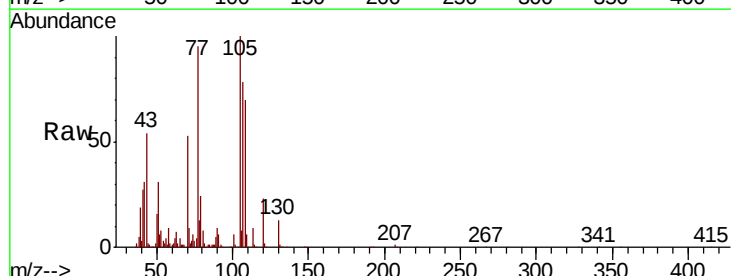
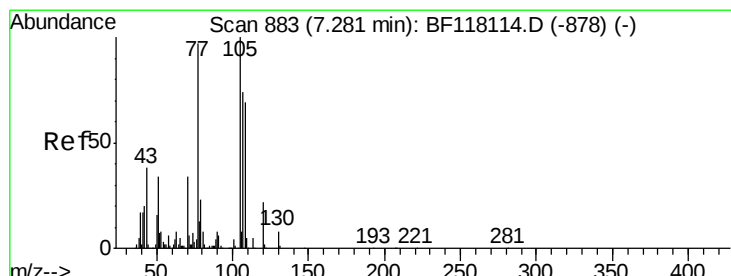
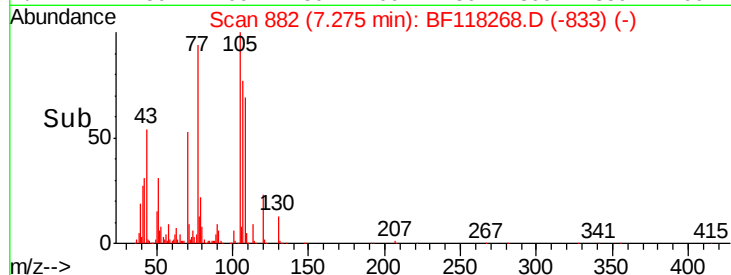
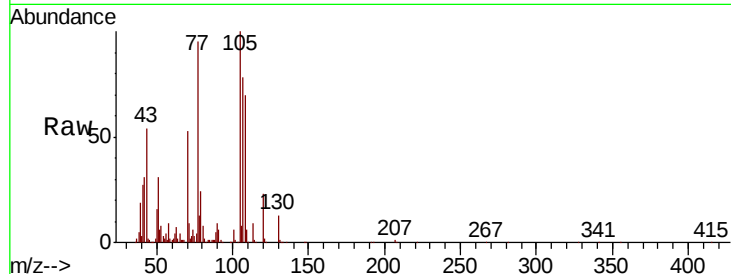
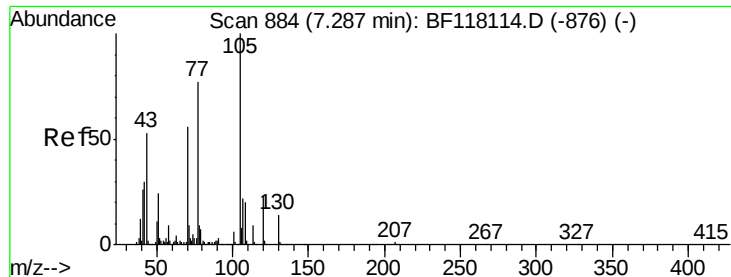
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#18
Hexachloroethane
Concen: 42.360 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.0	78.2	117.4	
201	105.9	81.6	122.4	





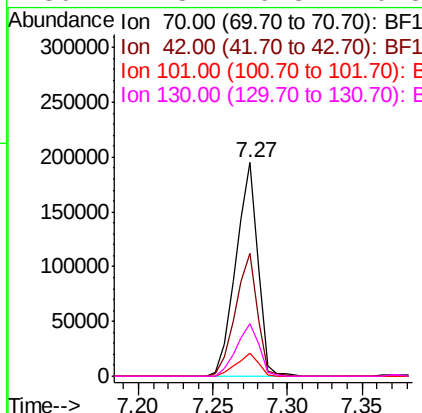
#19
n-Nitroso-di-n-propylamine
Concen: 45.382 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.8	43.2	64.8	
101	10.9	8.1	12.1	
130	24.8	19.8	29.8	

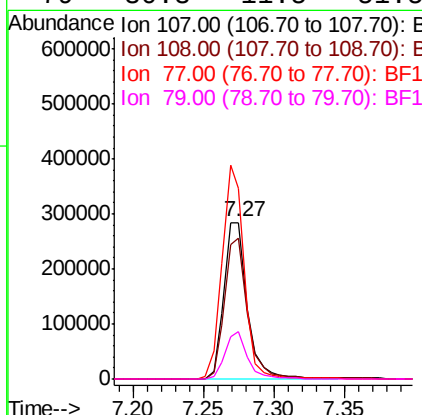
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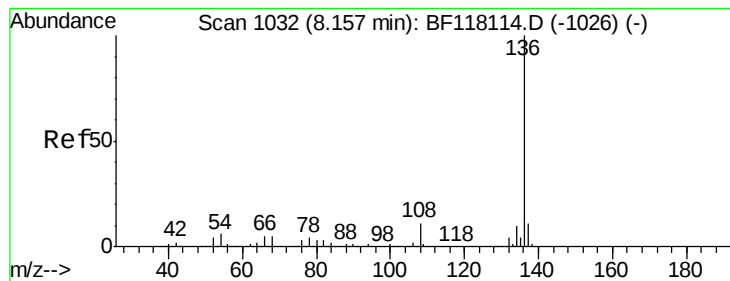
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#20
3+4-Methylphenols
Concen: 47.933 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	73.2	113.2	
77	121.9	110.9	150.9	
79	30.3	11.5	51.5	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

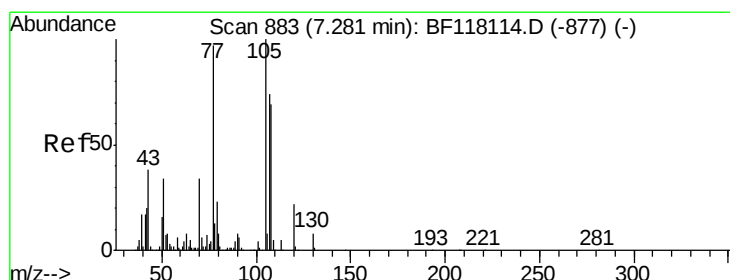
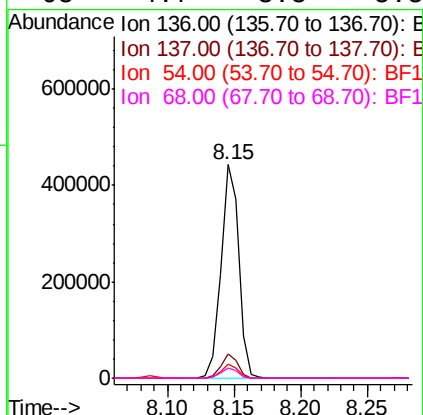
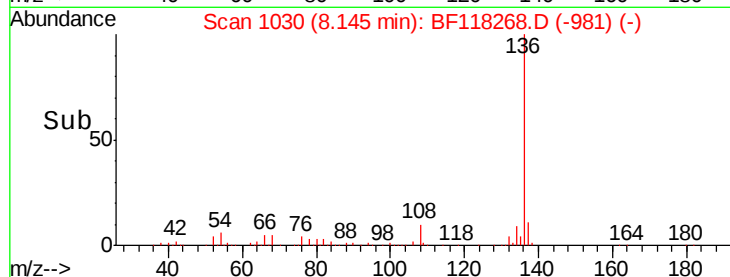
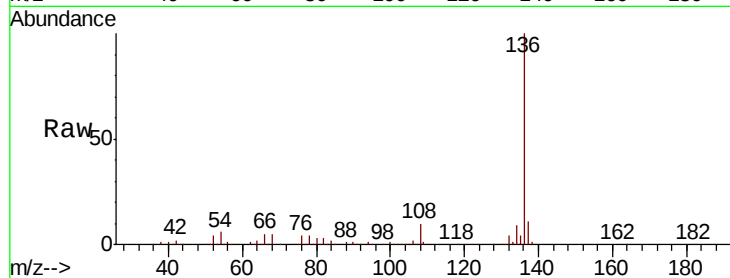
ClientSampleId :

PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		418108		
137	11.2		9.0	13.6	
54	6.4		5.0	7.6	
68	4.7		3.8	5.8	

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#22

Acetophenone

Concen: 43.030 ng

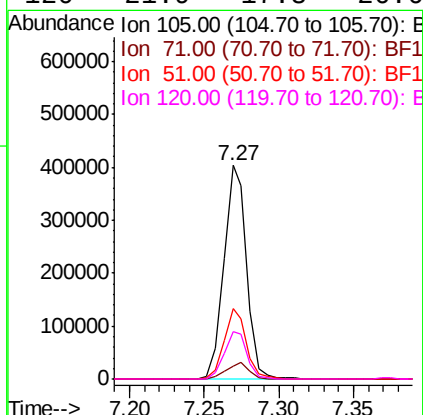
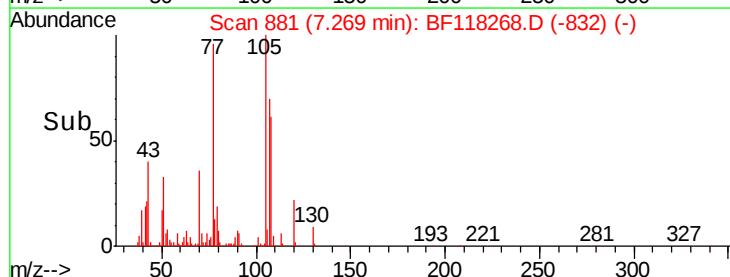
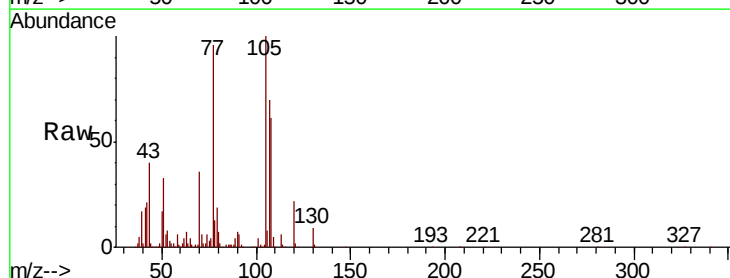
RT: 7.27 min Scan# 881

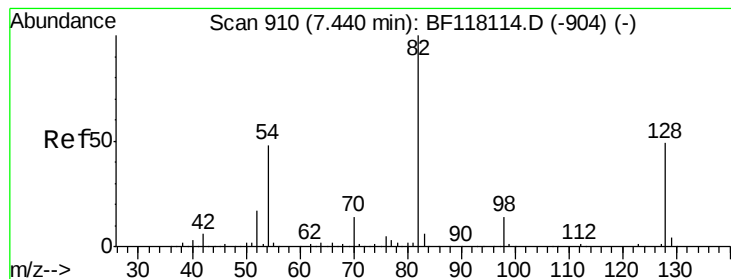
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		432233		
71	6.0		4.7	7.1	
51	32.9		27.1	40.7	
120	21.9		17.8	26.6	





#23

Nitrobenzene-d5

Concen: 80.219 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

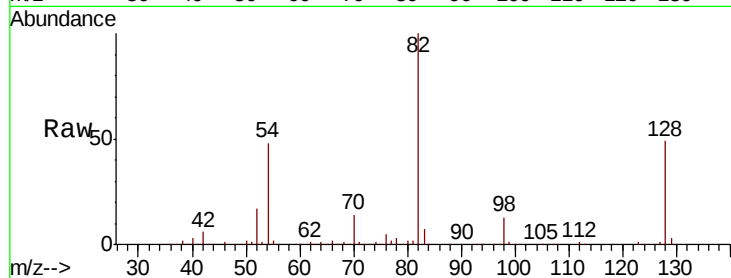
ClientSampleId :

PF-01MS

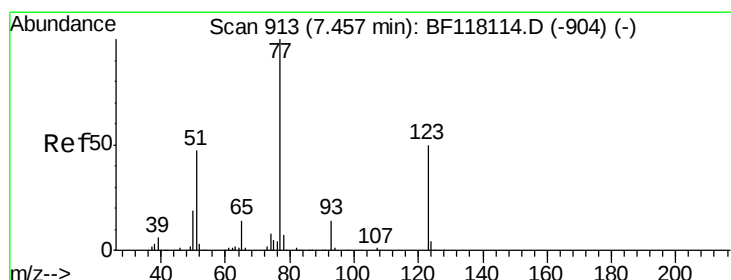
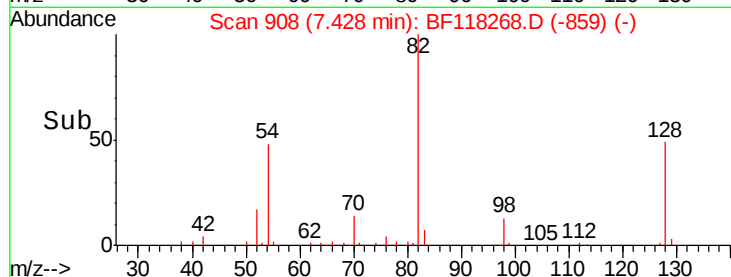
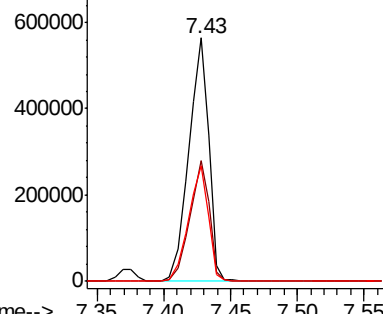
Tot Ion:	82	Resp:	596190
Ion Ratio	Lower	Upper	
82	100		
128	49.4	39.1	58.7
54	47.7	38.2	57.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 42.878 ng

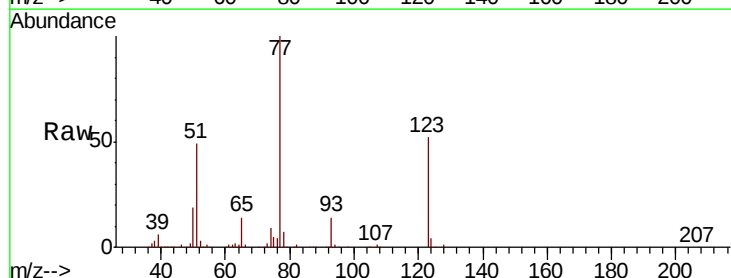
RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

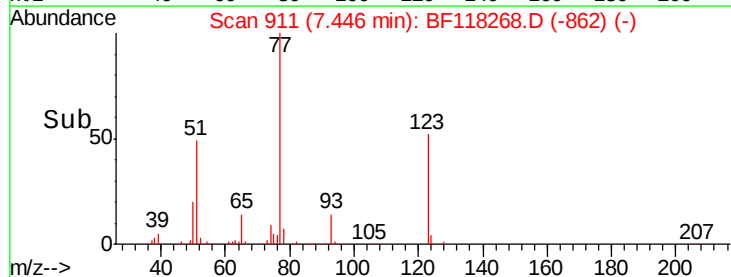
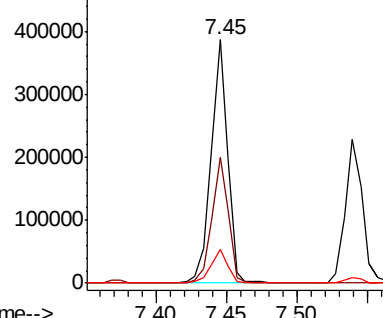
Lab File: BF118268.D

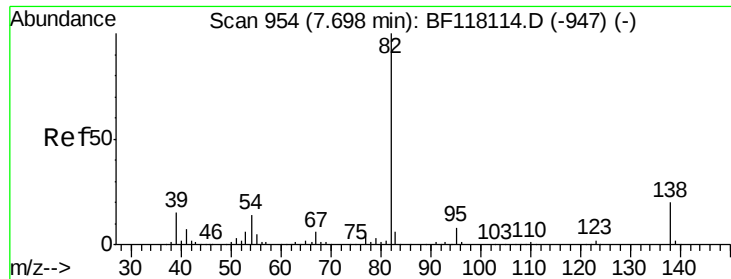
Acq: 18 Dec 2019 19:34

Tgt Ion:	77	Resp:	313089
Ion Ratio	Lower	Upper	
77	100		
123	51.7	40.1	60.1
65	13.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.603 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

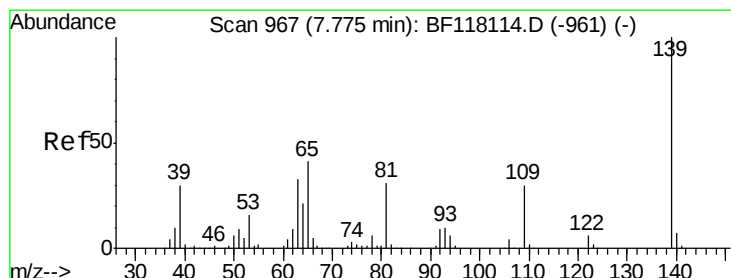
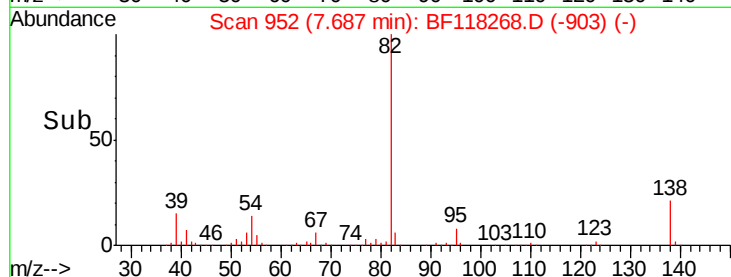
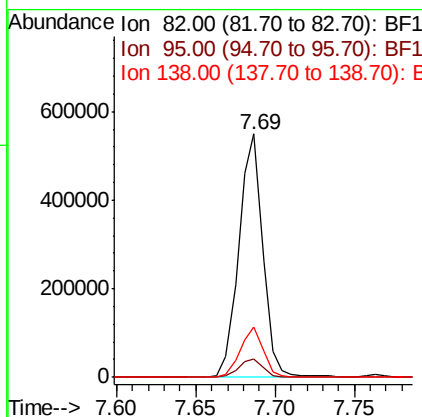
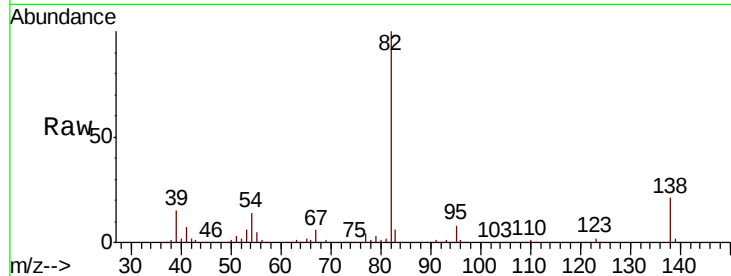
ClientSampleId :

PF-01MS

Tot Ion:	82	Resp:	574546
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.3	9.5
138	20.5	16.3	24.5

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#26

2-Nitrophenol

Concen: 45.749 ng

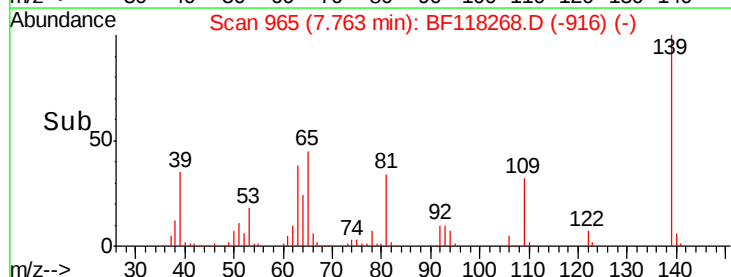
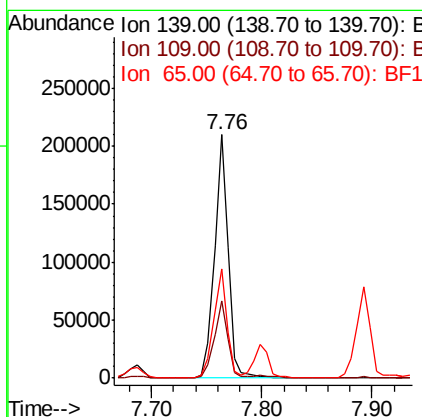
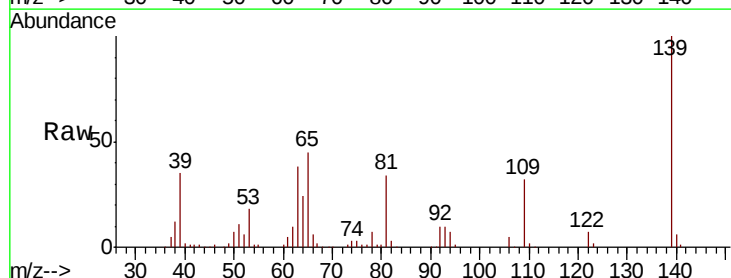
RT: 7.76 min Scan# 965

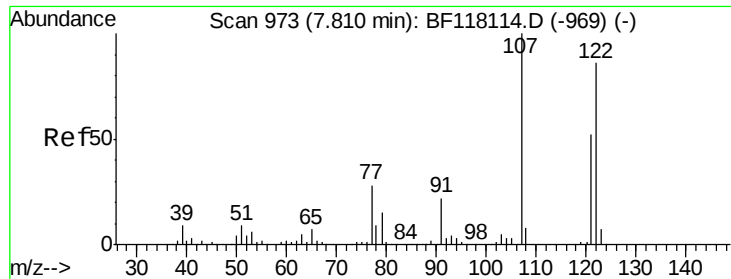
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	139	Resp:	178546
Ion Ratio	Lower	Upper	
139	100		
109	31.6	23.9	35.9
65	44.9	33.0	49.6





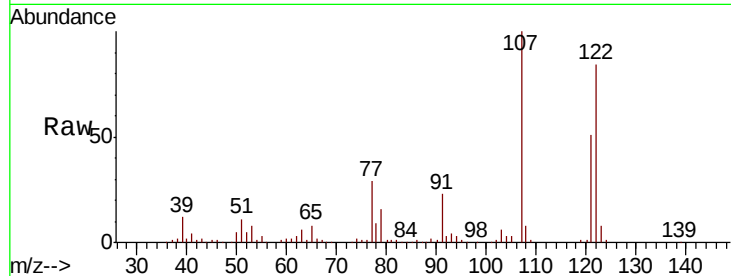
#27
2,4-Dimethylphenol
Concen: 54.023 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.3	92.9	139.3
121	60.7	48.3	72.5

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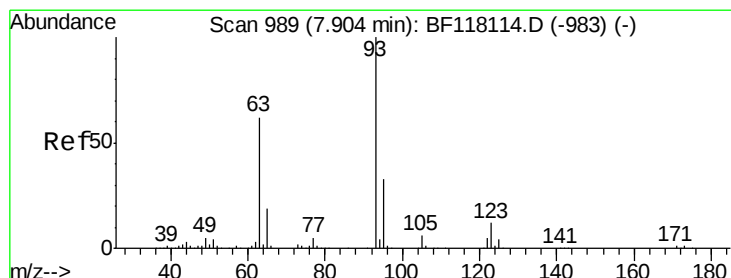
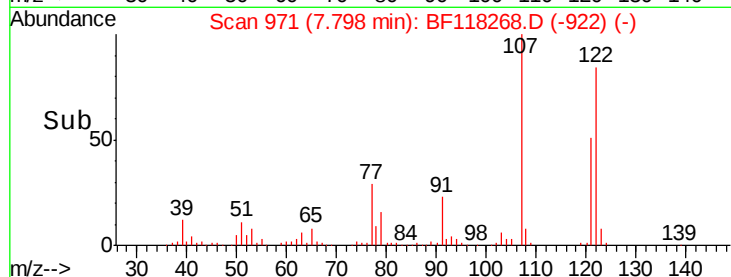
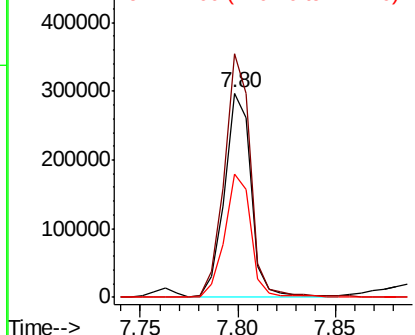


Abundance

Ion 122.00 (121.70 to 122.70): E

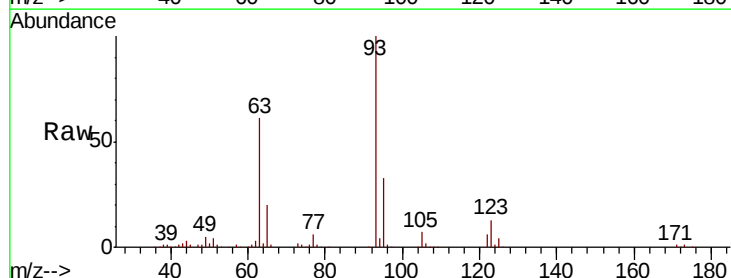
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 43.435 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.7	40.1
123	12.7	10.0	15.0

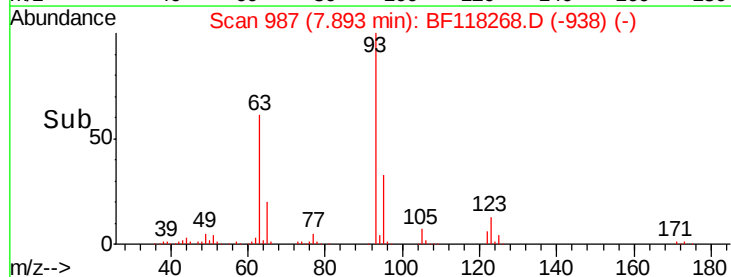
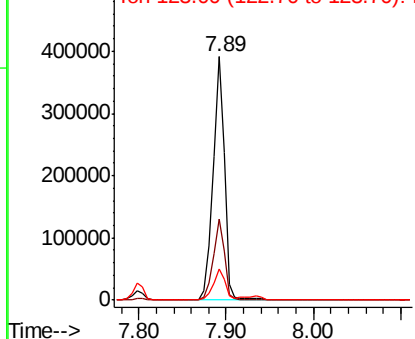


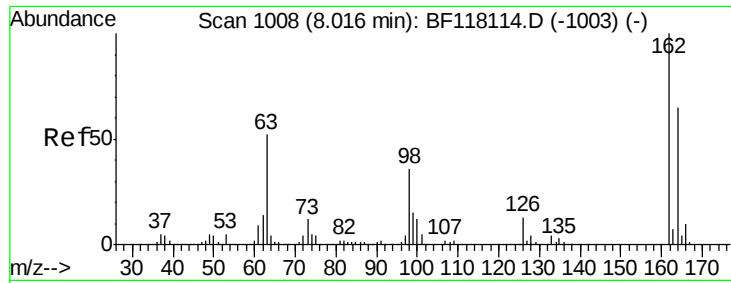
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





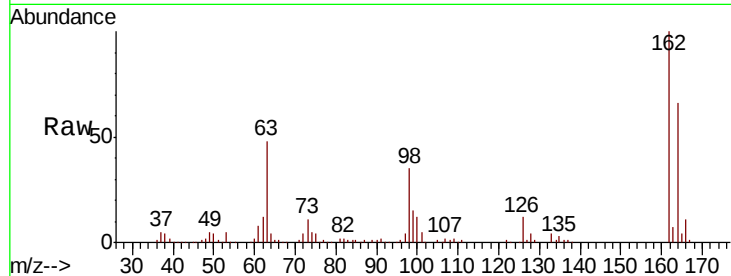
#29
2,4-Dichlorophenol
Concen: 45.133 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampled :
PF-01MS

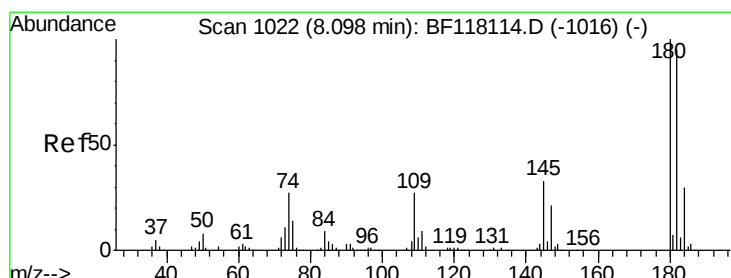
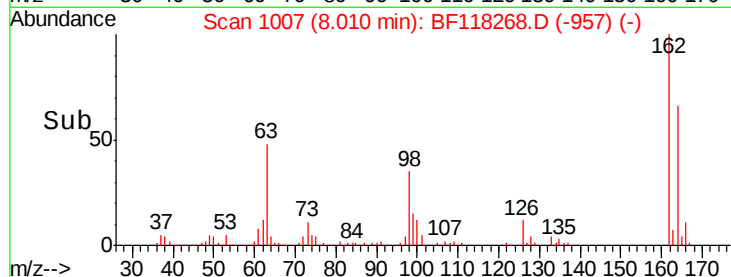
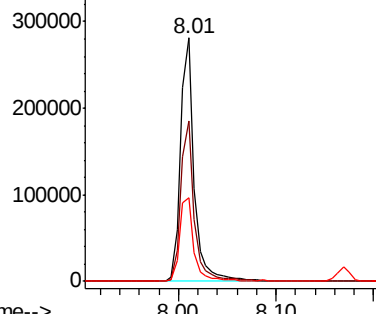
Tot Ion	Ratio	Resp	Lower	Upper
162	100	273908		
164	65.8	45.2	85.2	
98	34.6	15.9	55.9	

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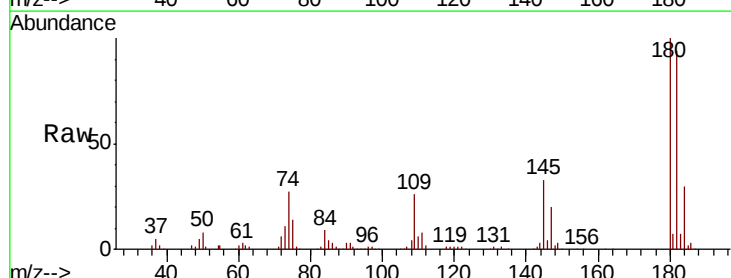


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

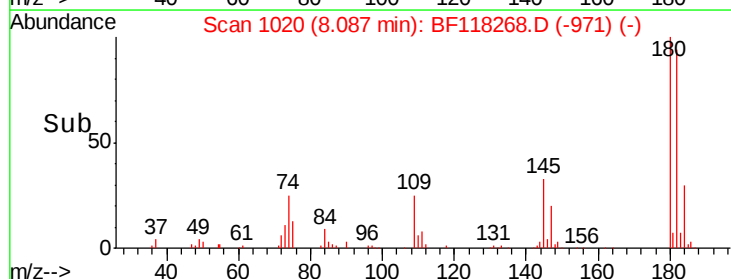
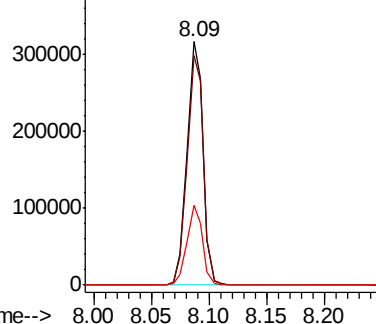


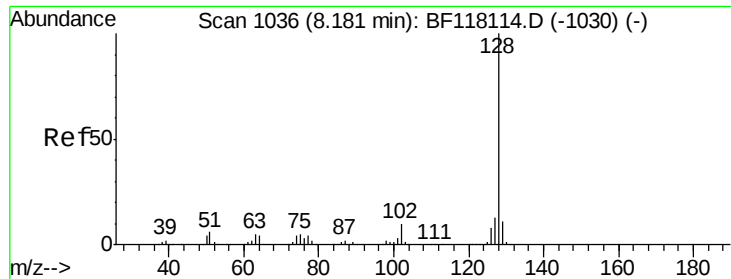
#30
1,2,4-Trichlorobenzene
Concen: 42.880 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	304119		
182	94.3	76.1	114.1	
145	32.6	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





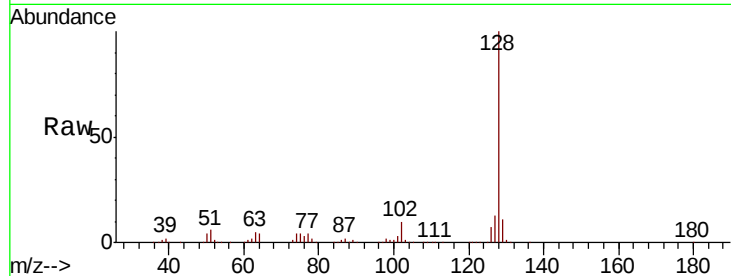
#31
Naphthalene
Concen: 45.595 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	957415		
129	11.1		9.1	13.7
127	13.2		10.6	16.0

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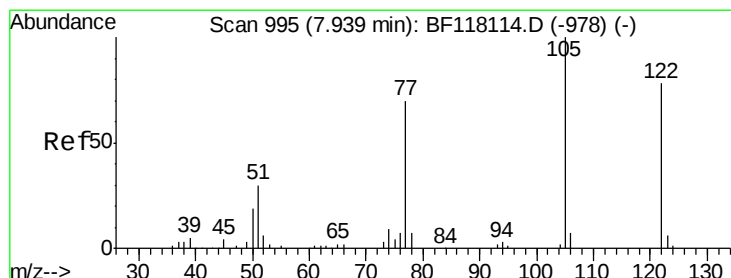
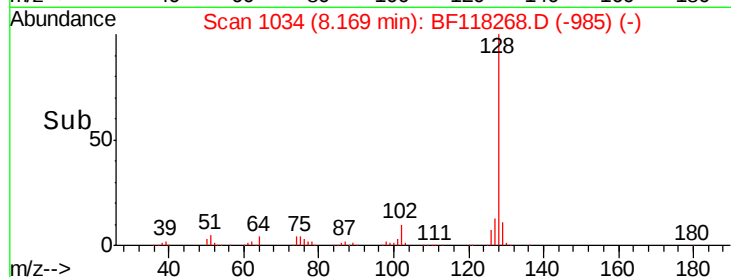
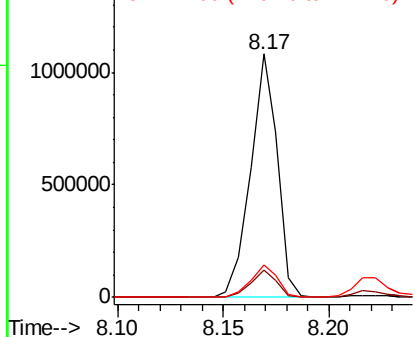


Abundance

Ion 128.00 (127.70 to 128.70): E

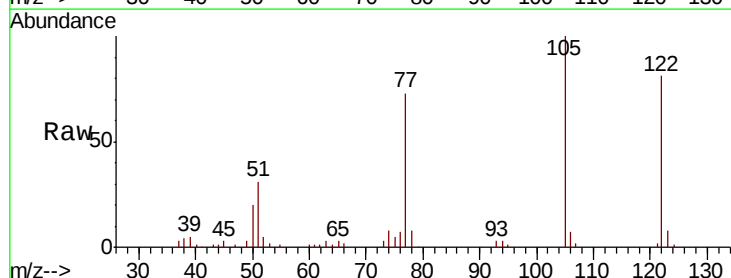
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.082 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	179000		
105	122.7		104.7	144.7
77	89.1		69.1	109.1

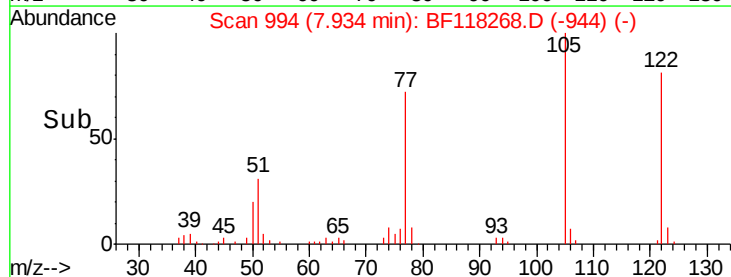
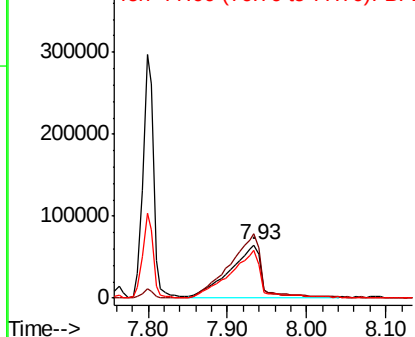


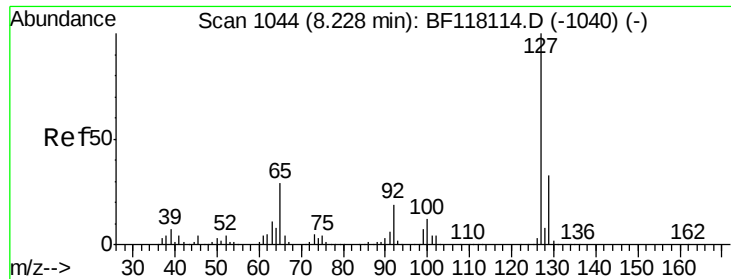
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





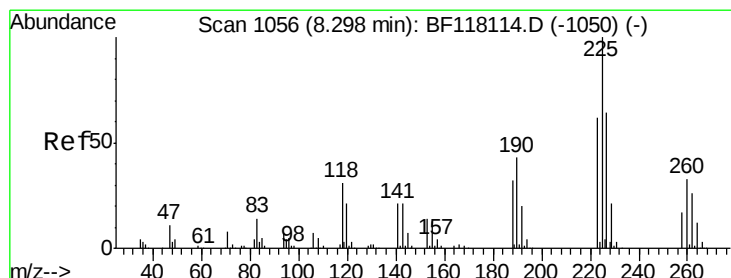
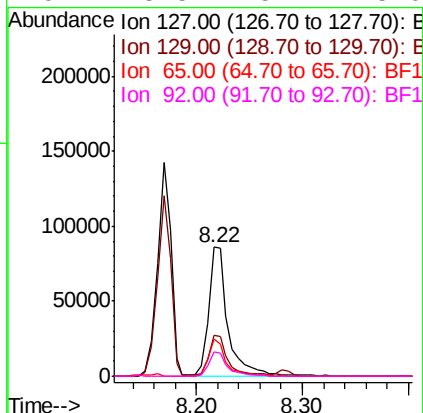
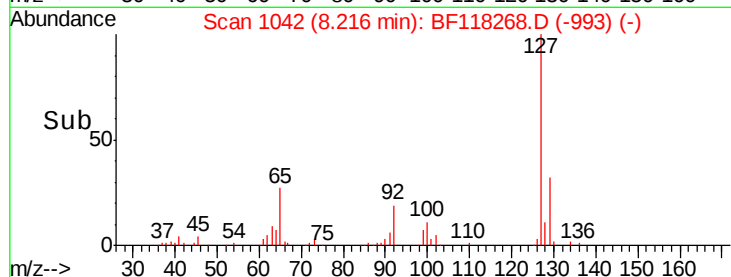
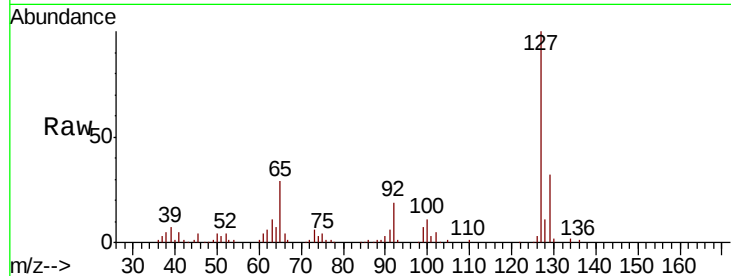
#33
4-Chloroaniline
Concen: 12.075 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleID :
PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.3	26.6	40.0		
65	28.9	23.2	34.8		
92	18.5	15.4	23.0		

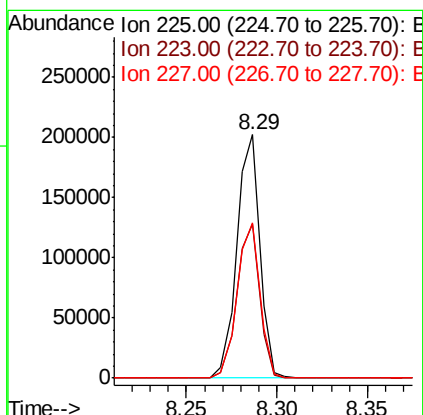
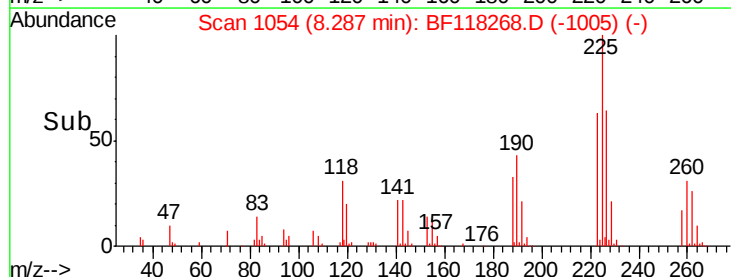
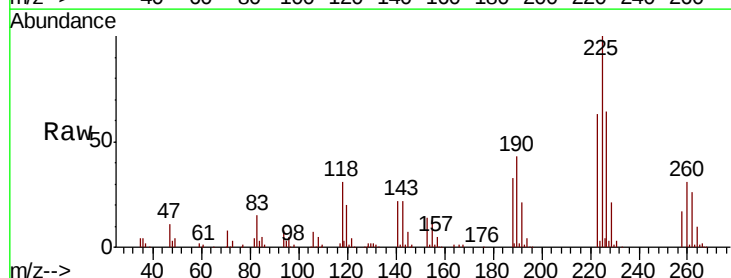
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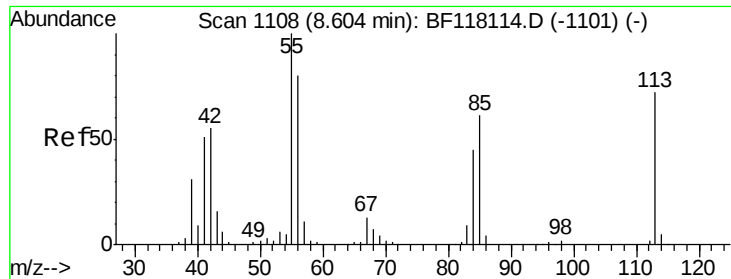
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#34
Hexachlorobutadiene
Concen: 41.915 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	49.6	74.4		
227	63.7	51.0	76.6		





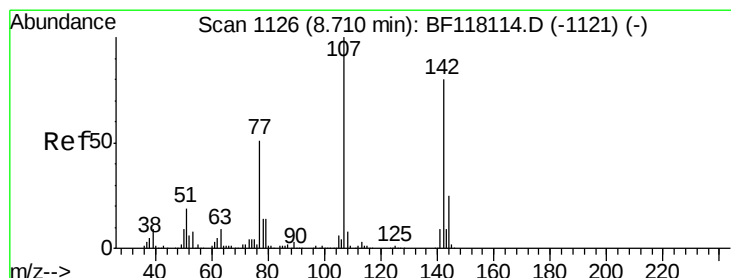
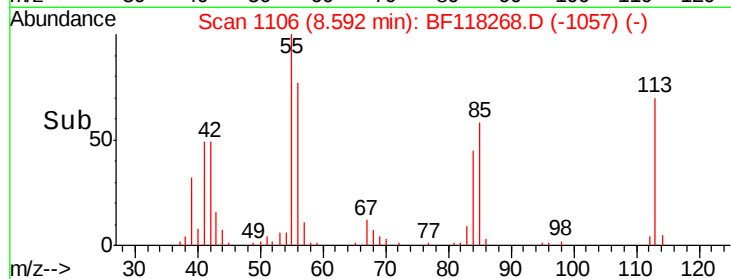
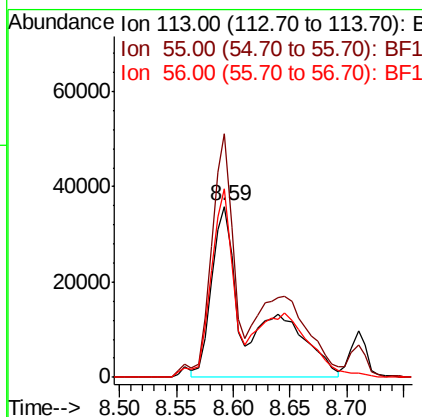
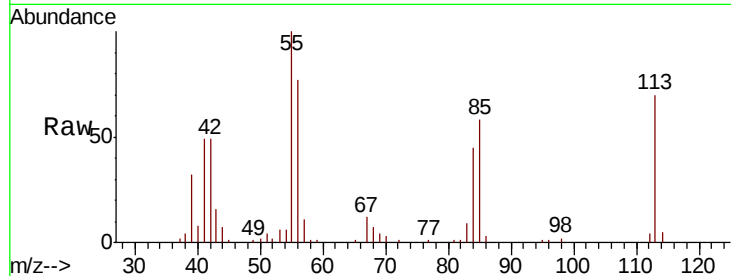
#35
Caprolactam
Concen: 47.834 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleID :
PF-01MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.6	118.9	158.9
56	110.4	91.4	131.4

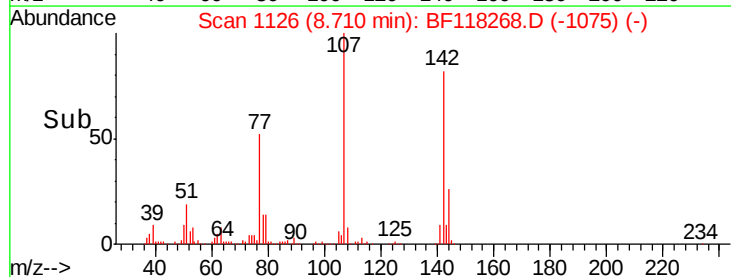
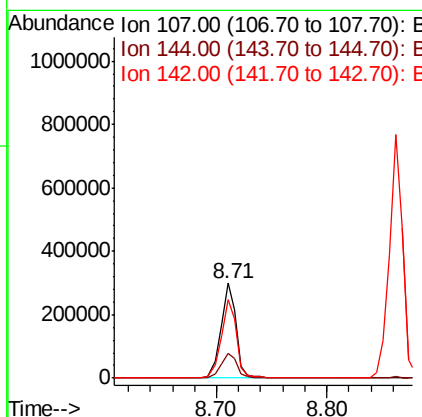
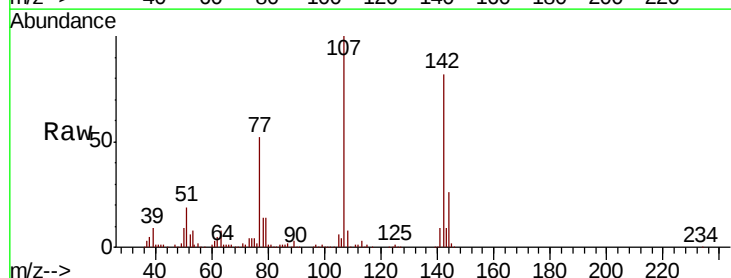
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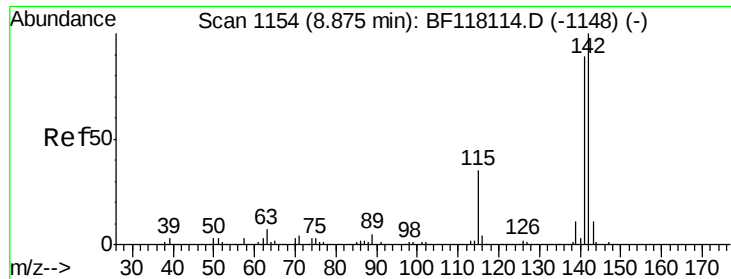
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#36
4-Chloro-3-methylphenol
Concen: 45.471 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.3	30.5
142	82.2	63.7	95.5





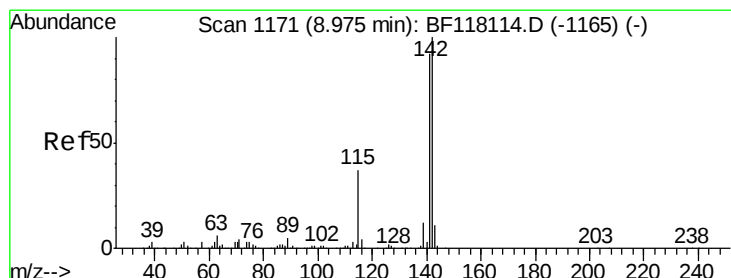
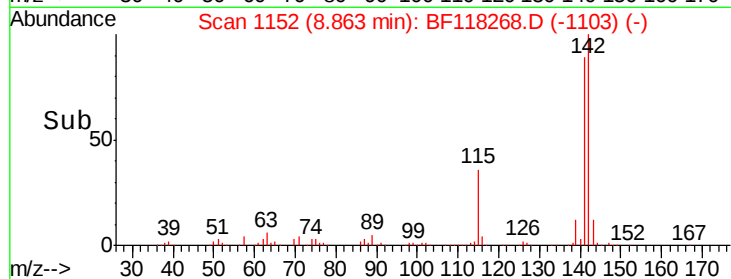
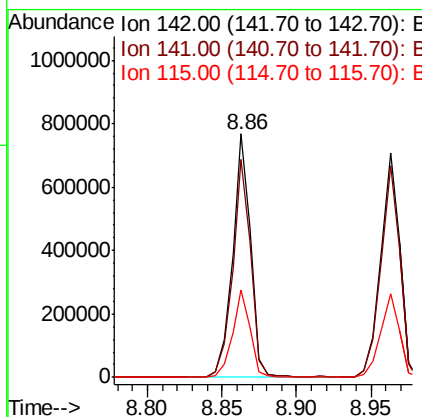
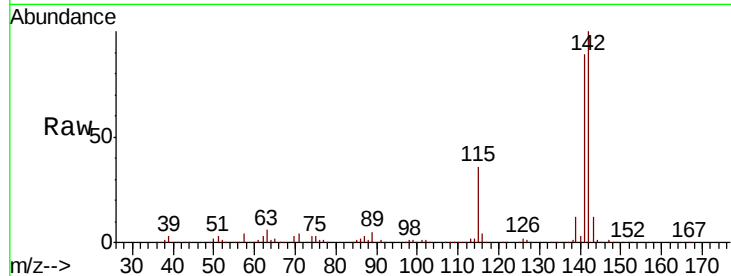
#37
2-Methylnaphthalene
Concen: 46.083 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0
115	35.8	28.2	42.4

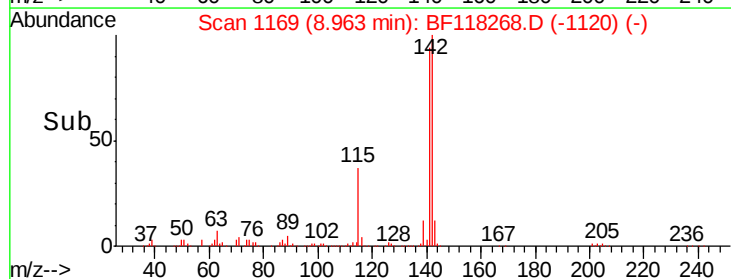
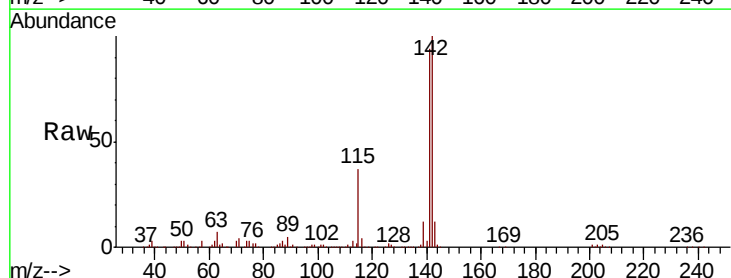
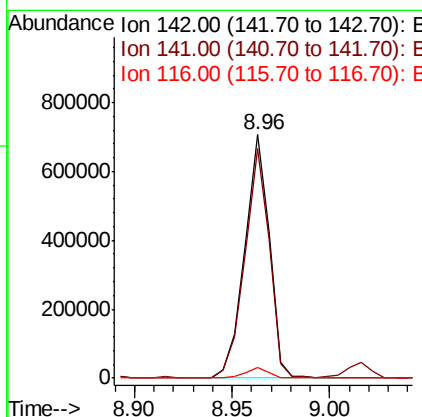
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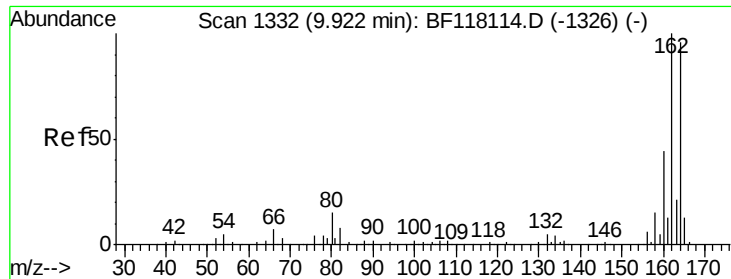
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#38
1-Methylnaphthalene
Concen: 46.015 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	74.0	111.0
116	4.1	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

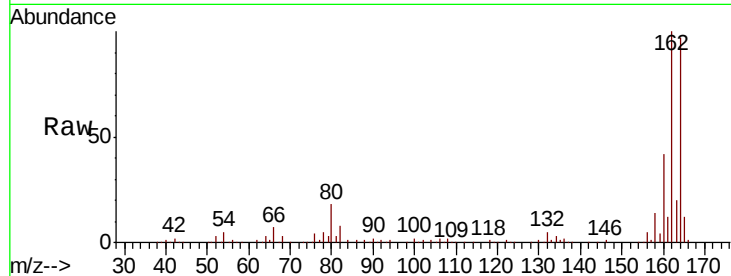
ClientSampleId :

PF-01MS

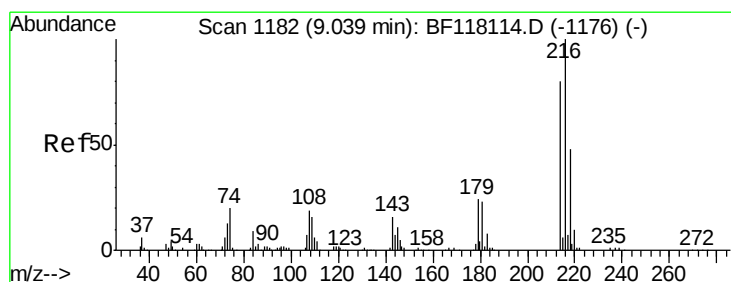
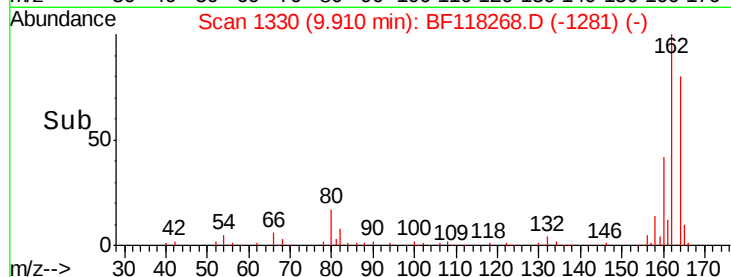
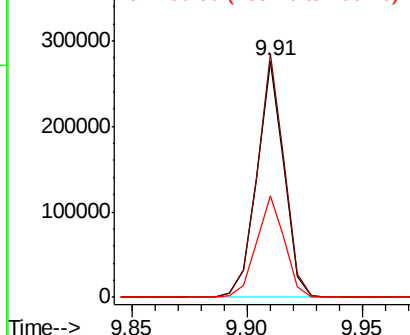
Tot Ion:	164	Resp:	225420
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.4	125.0
160	43.2	36.6	54.8

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.559 ng

RT: 9.03 min Scan# 1181

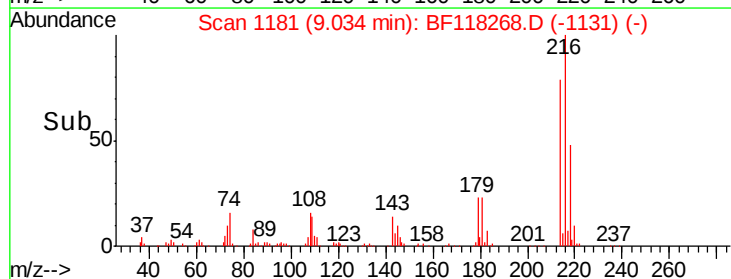
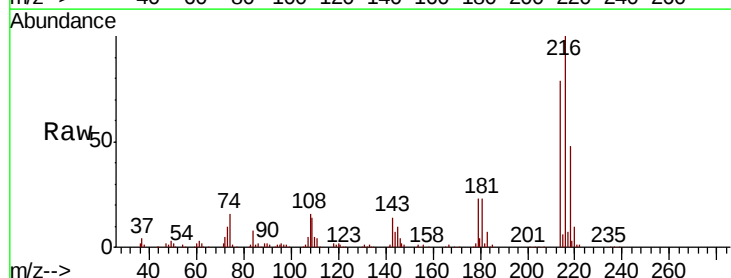
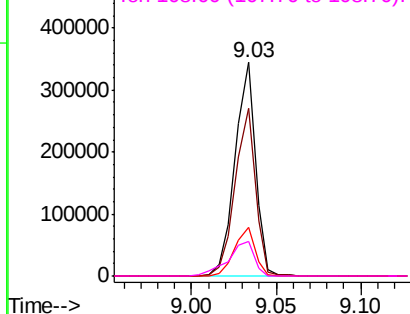
Delta R.T. -0.01 min

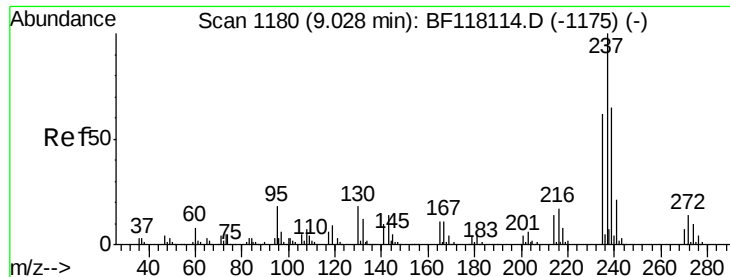
Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	216	Resp:	290624
Ion Ratio	Lower	Upper	
216	100		
214	78.6	63.4	95.2
179	22.8	18.6	27.8
108	20.7	15.4	23.0

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





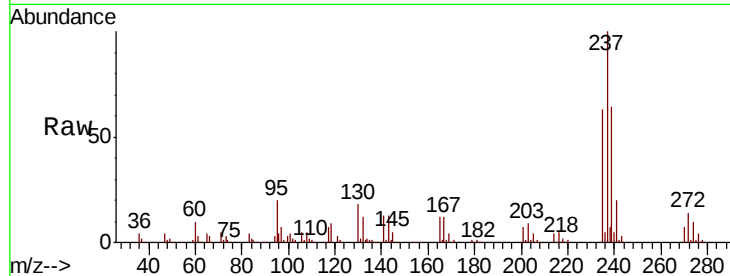
#41
Hexachlorocyclopentadiene
Concen: 94.884 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

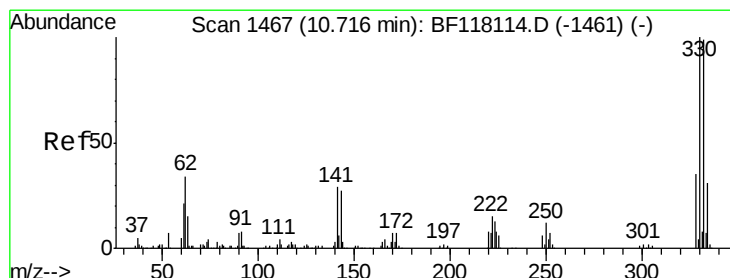
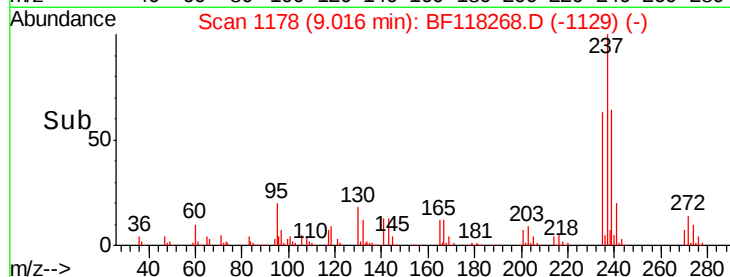
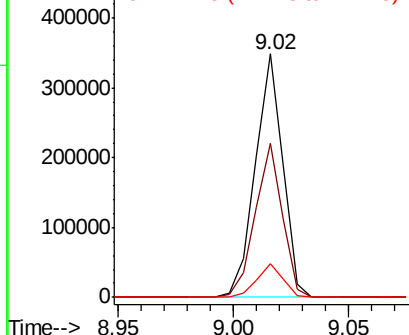
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	41.5	81.5
272	13.7	0.0	33.7

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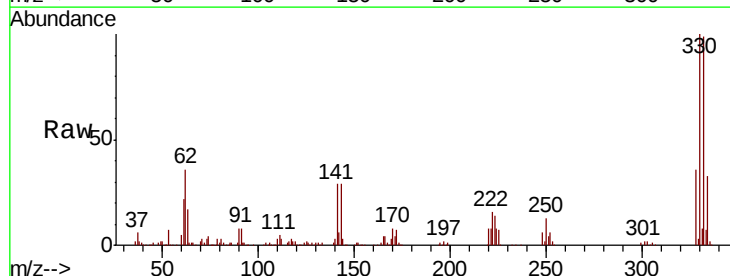


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

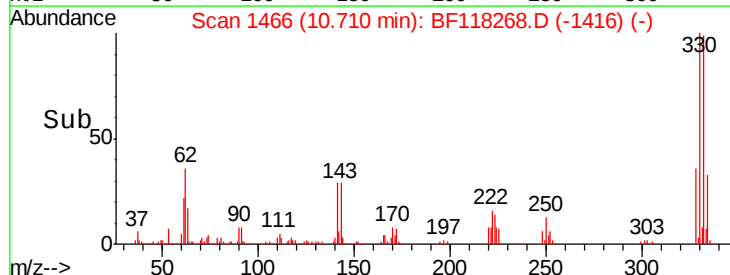
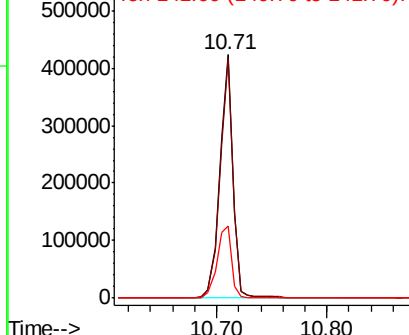


#42
2,4,6-Tribromophenol
Concen: 128.265 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	98.0	78.1	117.1
141	32.6	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





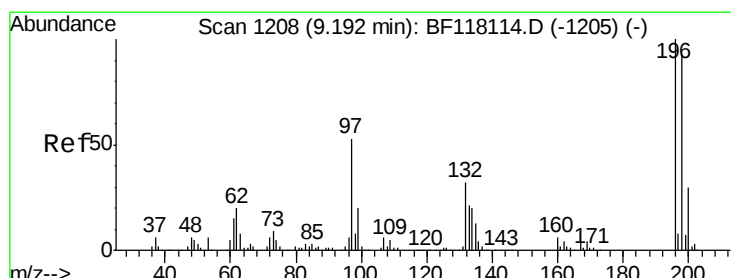
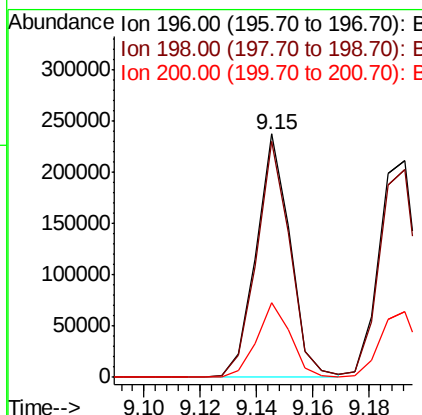
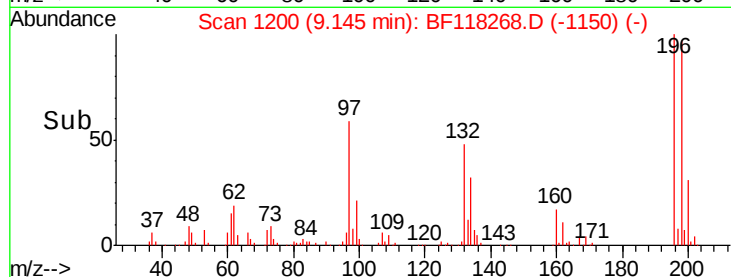
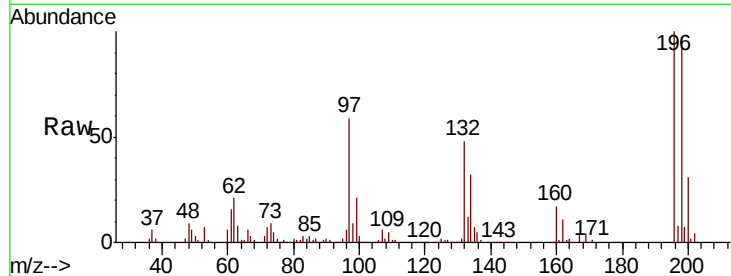
#43
2,4,6-Trichlorophenol
Concen: 43.381 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleID :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197792		
198	96.9	75.0	112.4	
200	30.8	24.5	36.7	

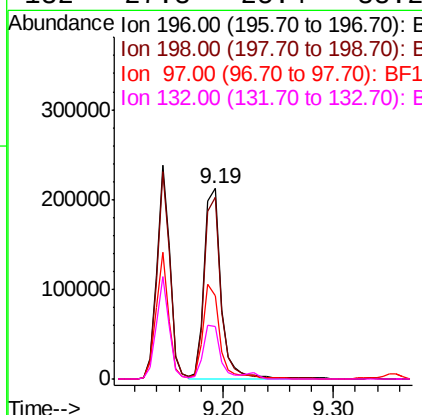
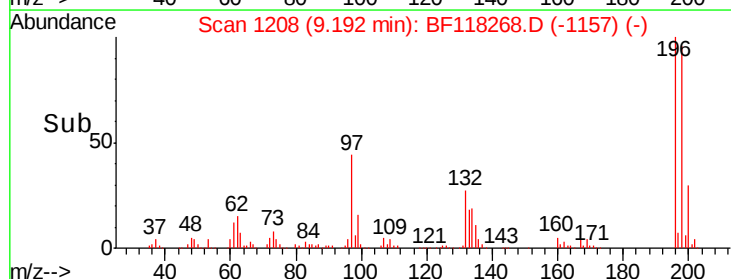
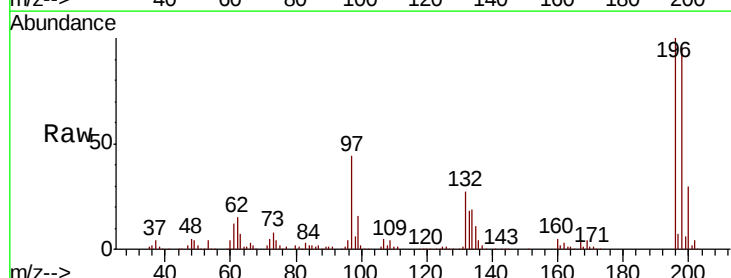
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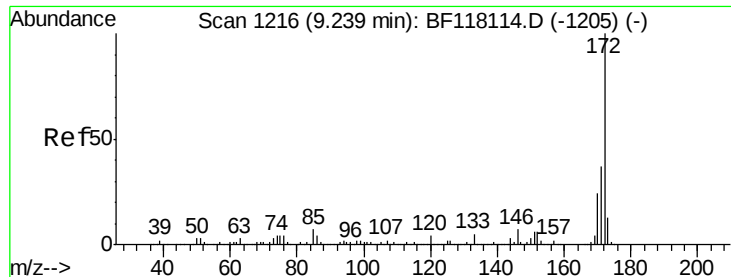
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#44
2,4,5-Trichlorophenol
Concen: 45.832 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	216501		
198	95.6	74.2	111.4	
97	43.6	42.5	63.7	
132	27.3	25.4	38.2	





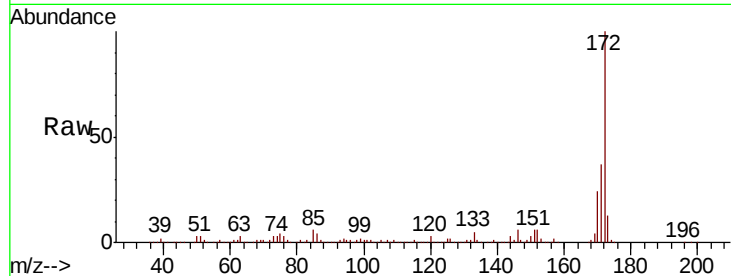
#45
2-Fluorobiphenyl
Concen: 84.253 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.2	43.8
170	24.2	19.4	29.2

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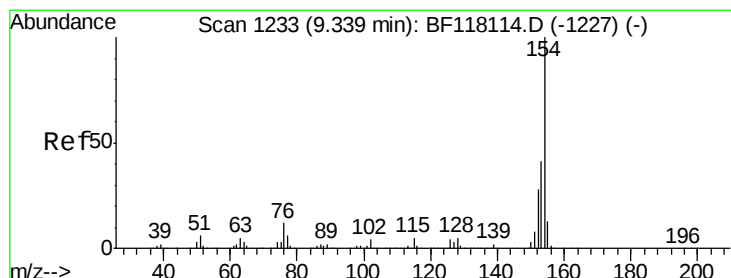
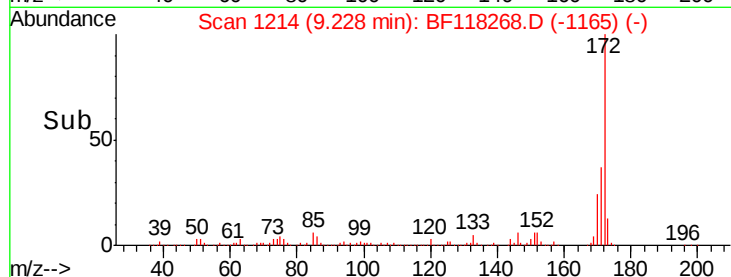
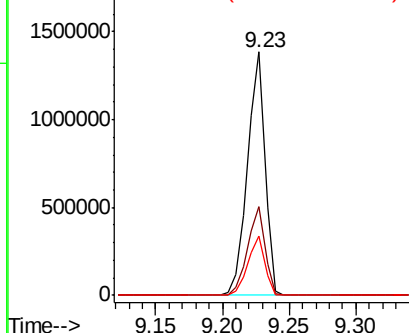


Abundance

Ion 172.00 (171.70 to 172.70): E

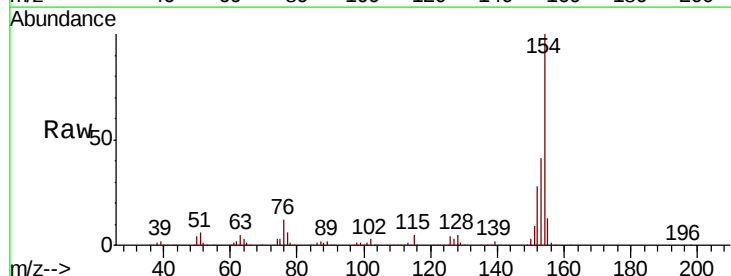
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 44.332 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	11.6	0.0	31.9

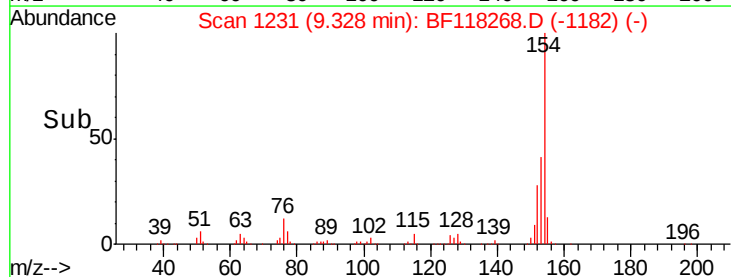
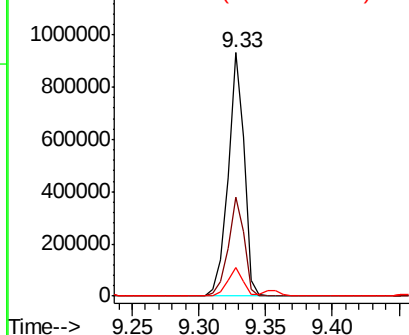


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





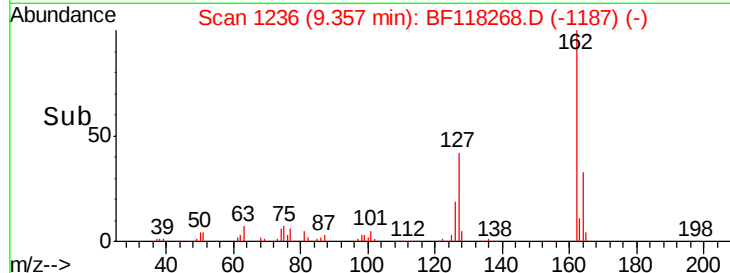
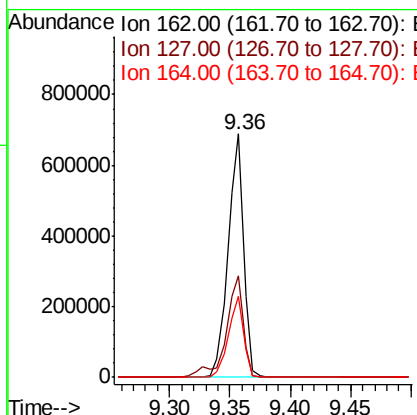
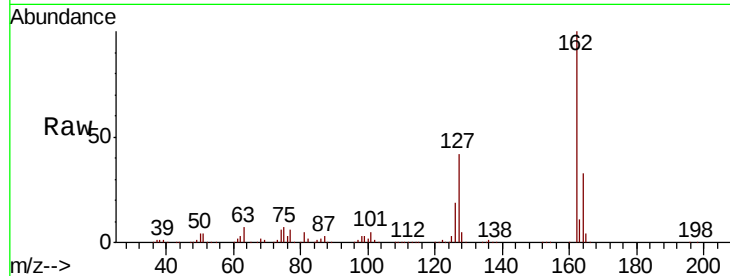
#47
 2-Chloronaphthalene
 Concen: 42.922 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	41.8	32.0	48.0		
164	33.5	26.1	39.1		

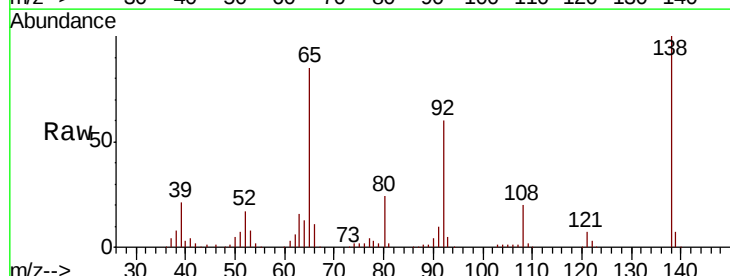
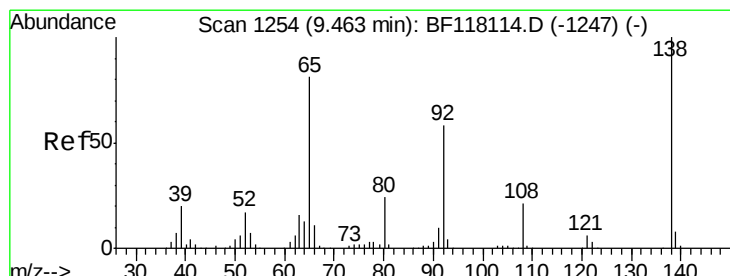
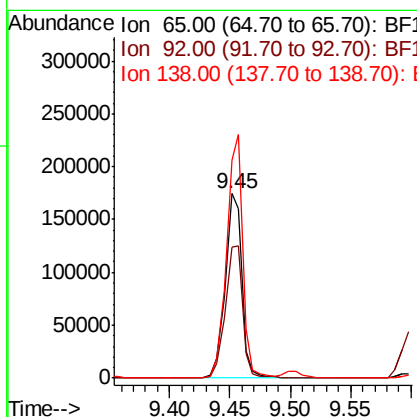
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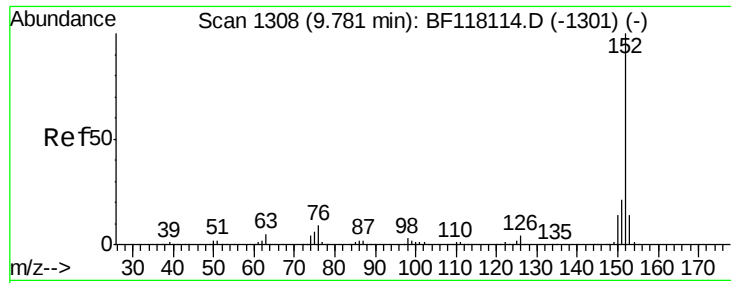
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#48
 2-Nitroaniline
 Concen: 41.140 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.0	57.8	86.6		
138	118.0	98.8	148.2		





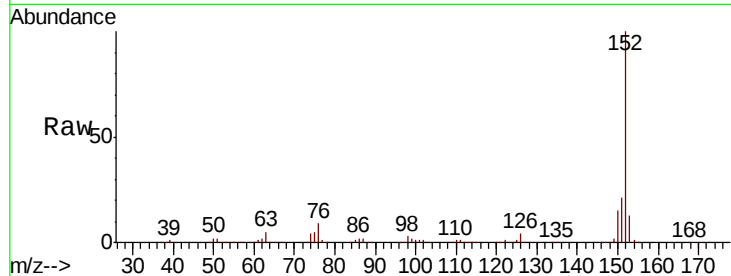
#49
Acenaphthylene
Concen: 45.800 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

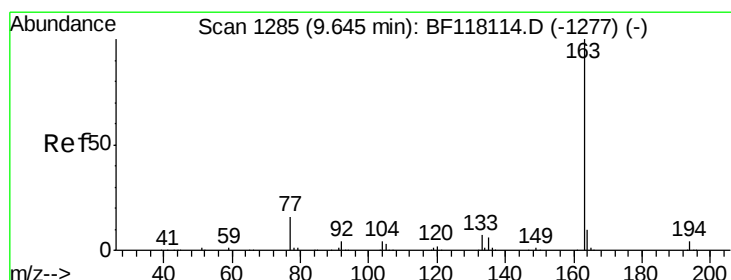
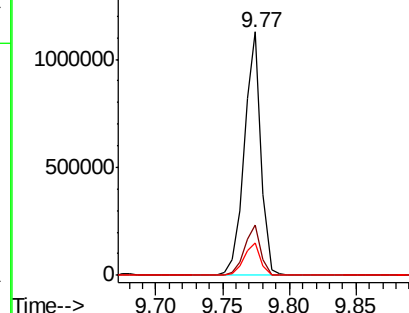
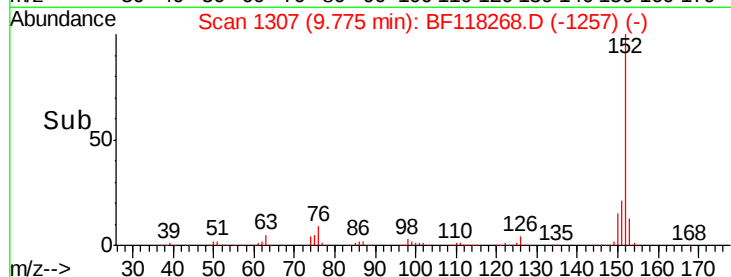
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		966085		
151	20.6	16.4	24.6		
153	13.1	10.8	16.2		

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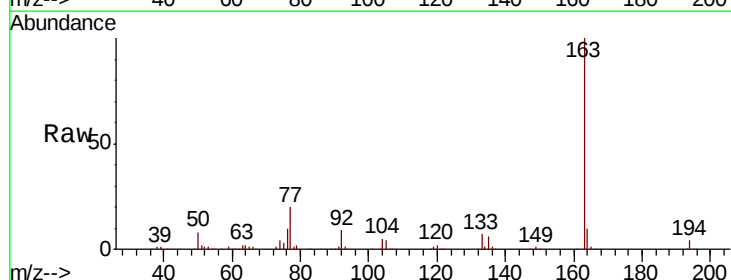


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

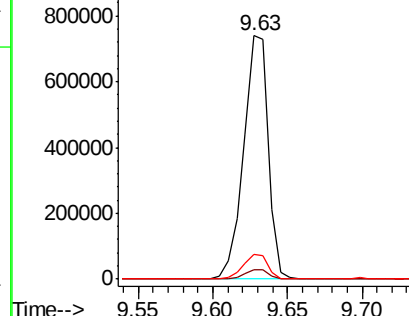
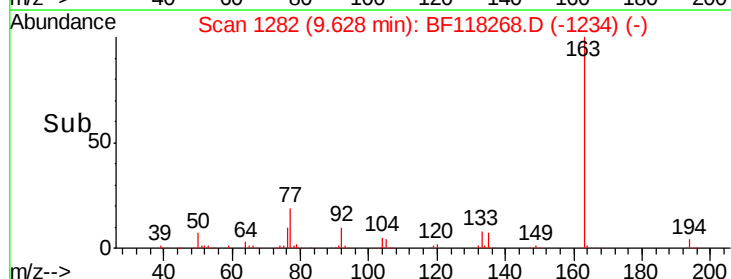


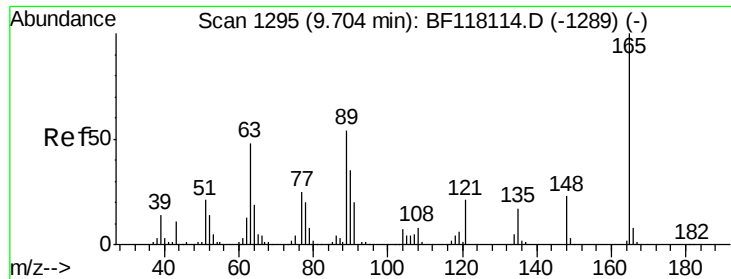
#50
Dimethylphthalate
Concen: 50.870 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		847007		
194	3.6	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: 45.475 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

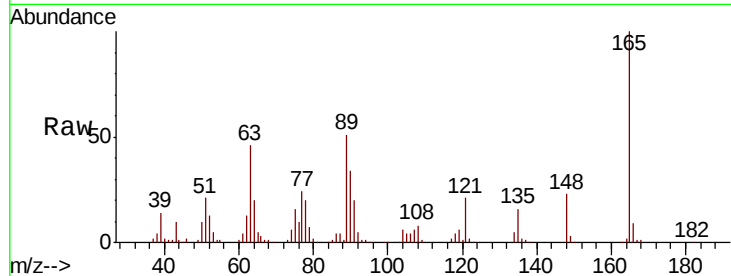
ClientSampleId :

PF-01MS

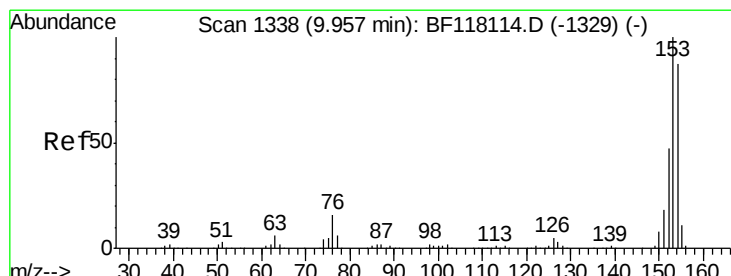
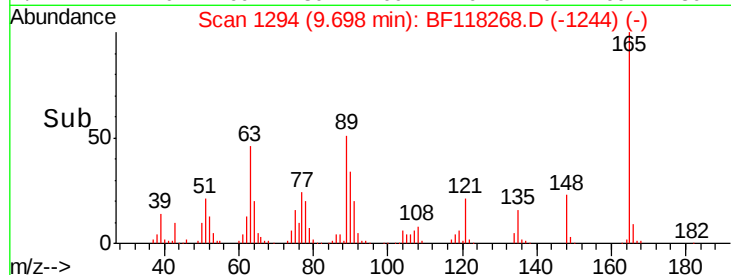
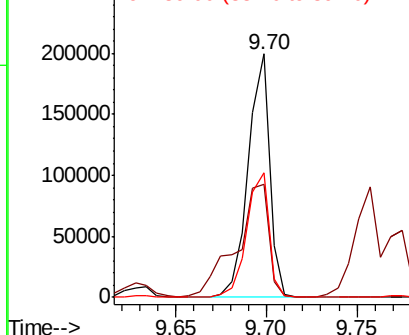
Tot Ion:	165	Resp:	164645
Ion Ratio	Lower	Upper	
165	100		
63	46.3	41.4	62.0
89	51.2	42.9	64.3

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



#52

Acenaphthene

Concen: 43.897 ng

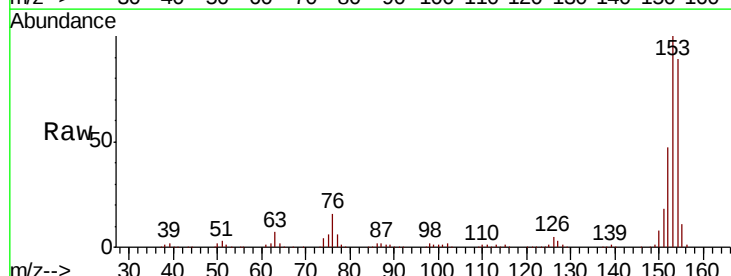
RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

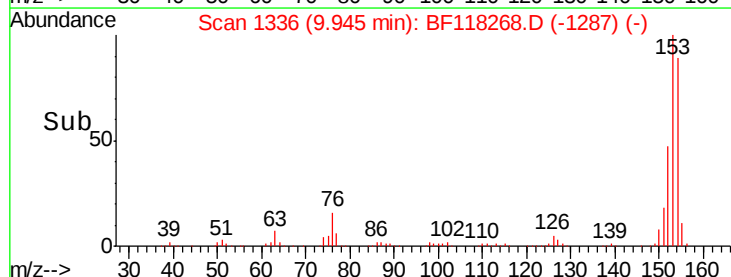
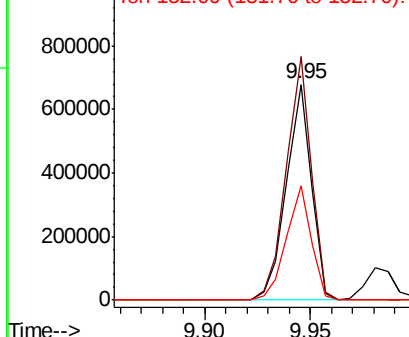
Lab File: BF118268.D

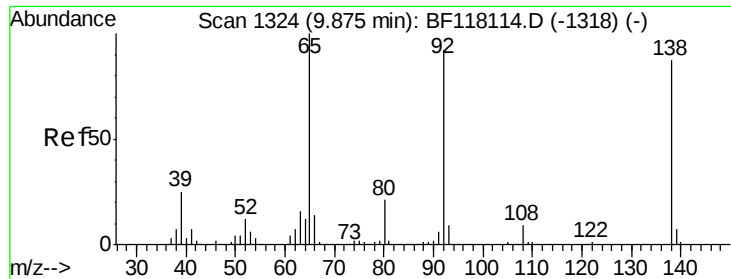
Acq: 18 Dec 2019 19:34

Tgt Ion:	154	Resp:	565168
Ion Ratio	Lower	Upper	
154	100		
153	112.8	91.8	137.6
152	52.8	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





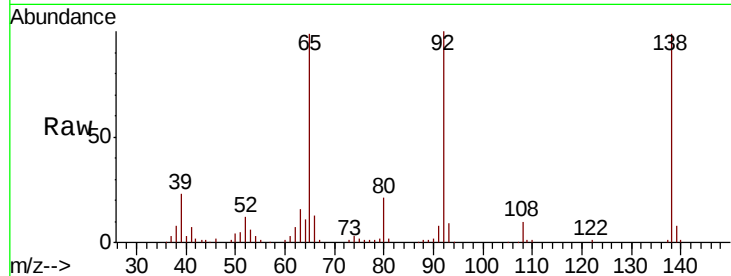
#53
3-Nitroaniline
Concen: 19.593 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.2	12.4
92	100.6	84.9	127.3

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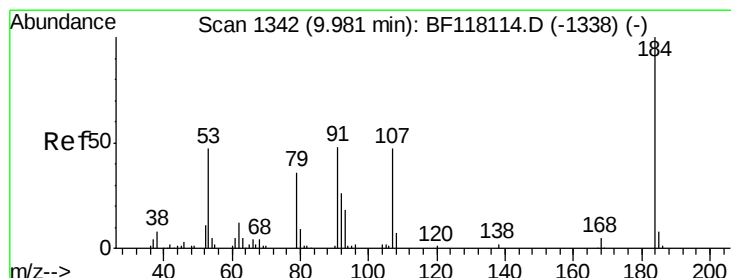
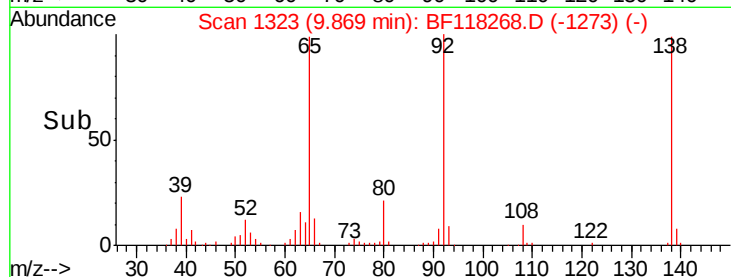
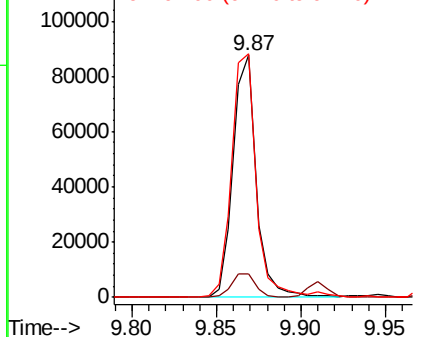


Abundance

Ion 138.00 (137.70 to 138.70): E

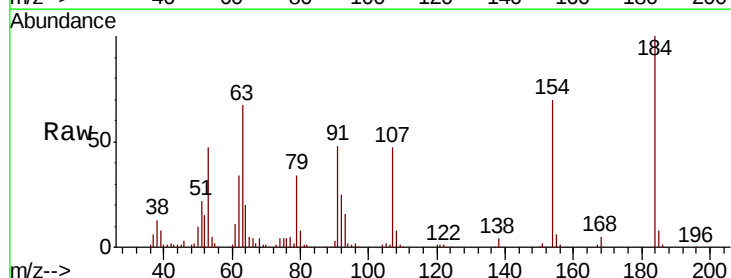
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 83.812 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.7	53.9	80.9
154	70.2	56.3	84.5

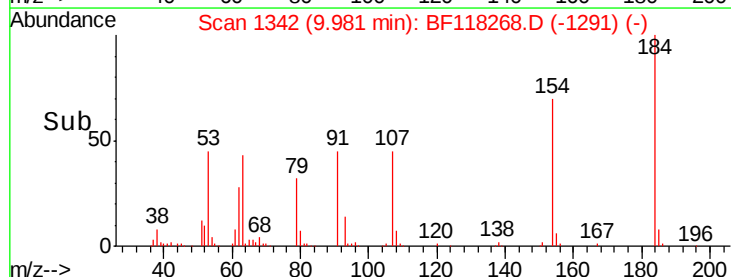
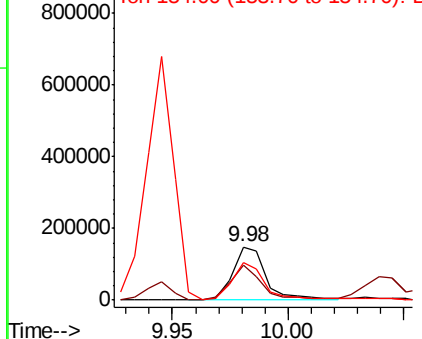


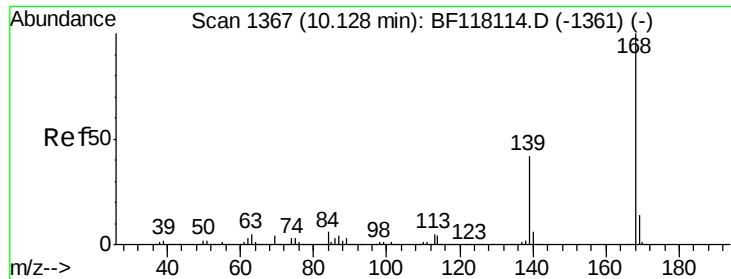
Abundance

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





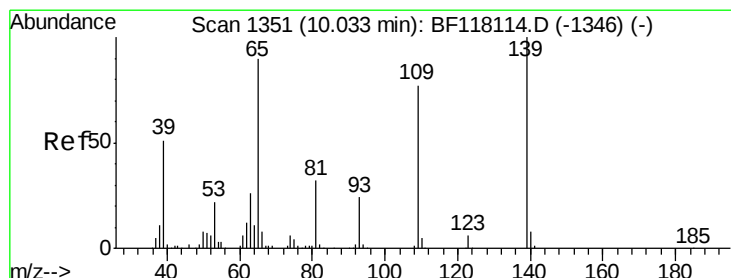
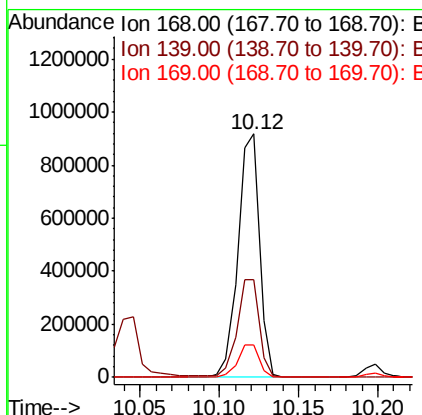
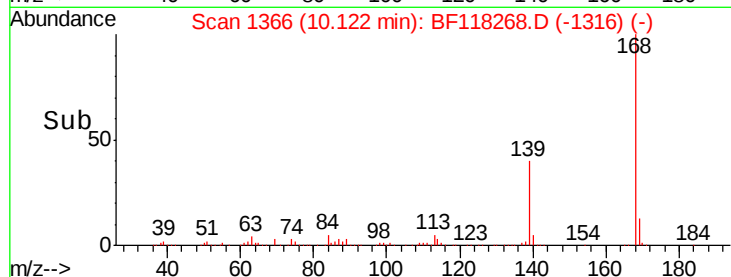
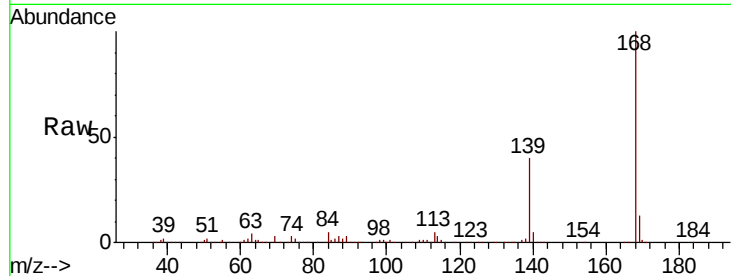
#55
Dibenzofuran
Concen: 45.791 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	33.4	50.0
169	13.3	11.0	16.6

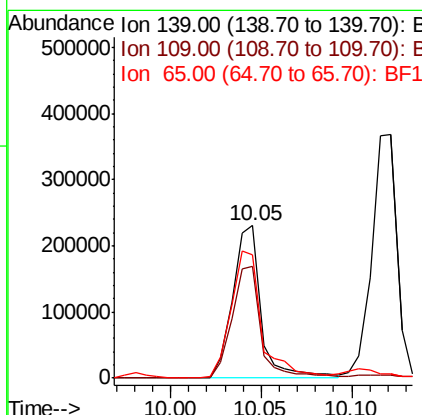
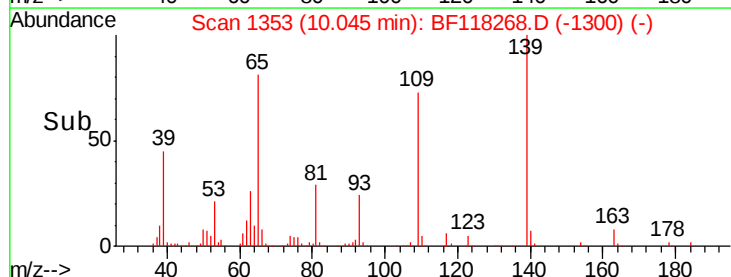
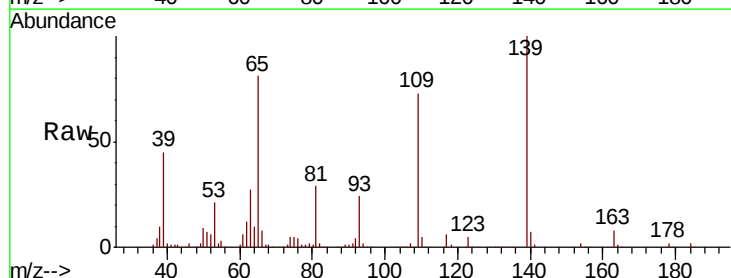
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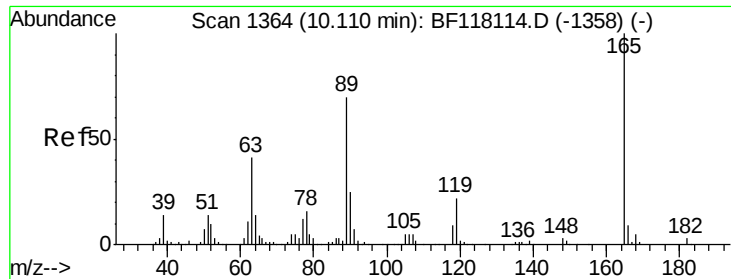
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#56
4-Nitrophenol
Concen: 85.205 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.2	57.3	97.3
65	80.9	70.2	110.2





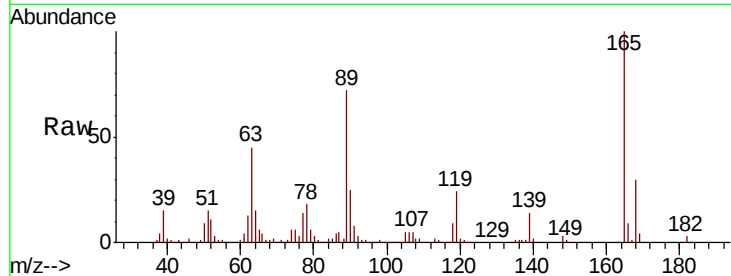
#57
2,4-Dinitrotoluene
Concen: 46.112 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

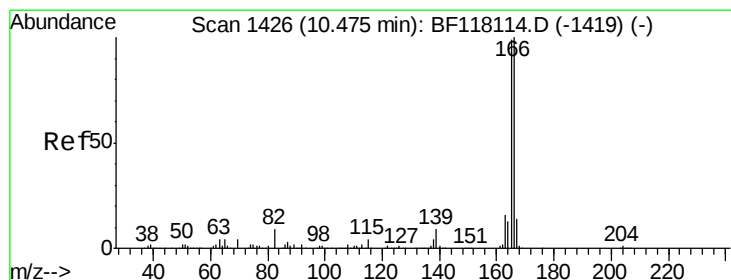
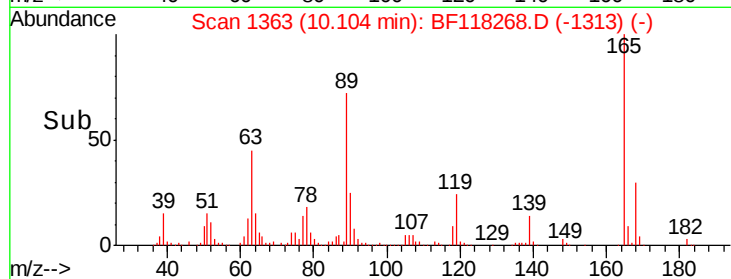
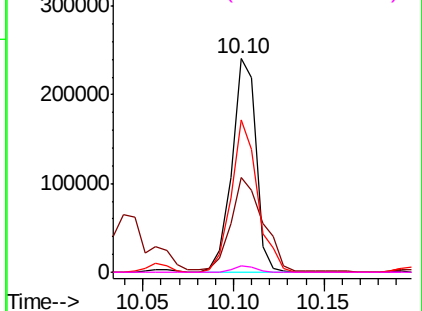
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		222835		
63	44.5	32.6	49.0		
89	71.6	56.1	84.1		
182	2.8	2.1	3.1		

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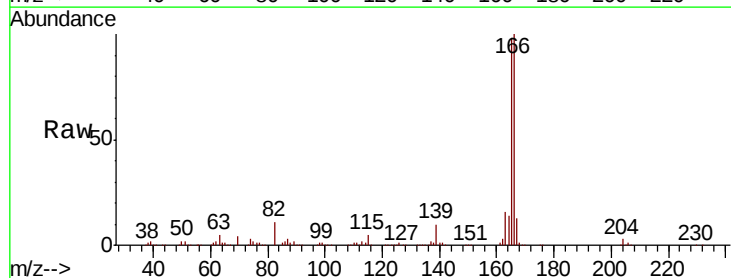


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

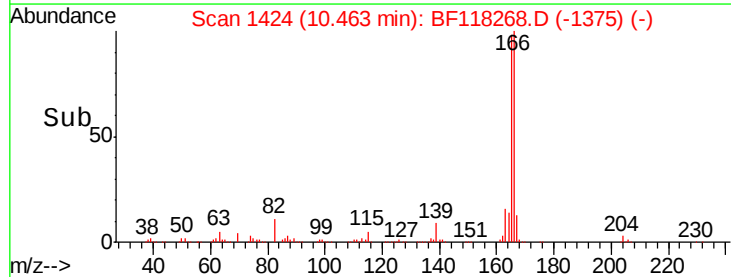
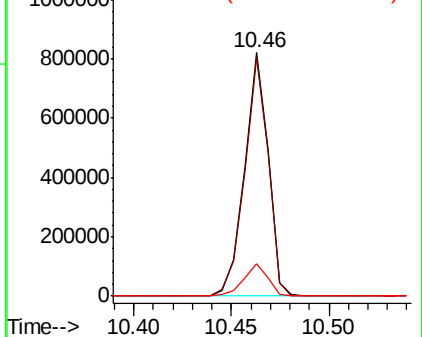


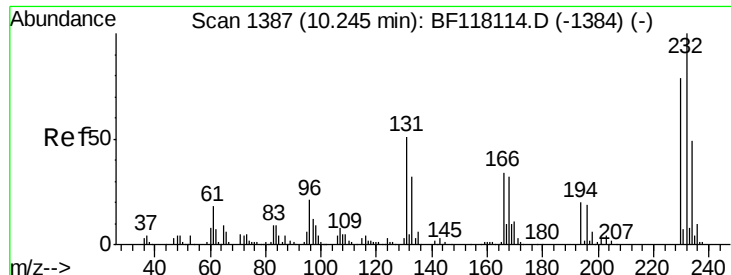
#58
Fluorene
Concen: 45.917 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		688389		
165	97.9	79.0	118.4		
167	13.5	10.9	16.3		



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





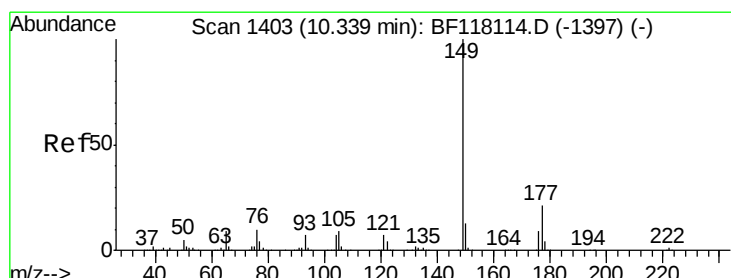
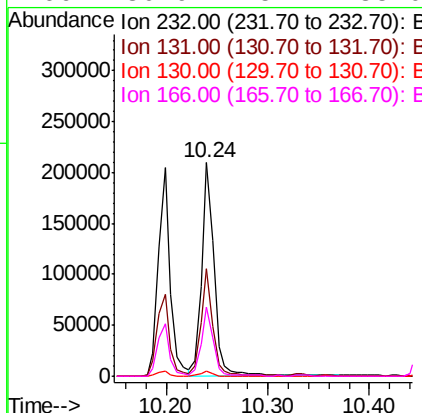
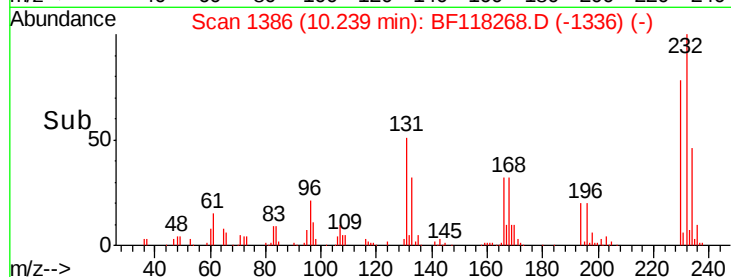
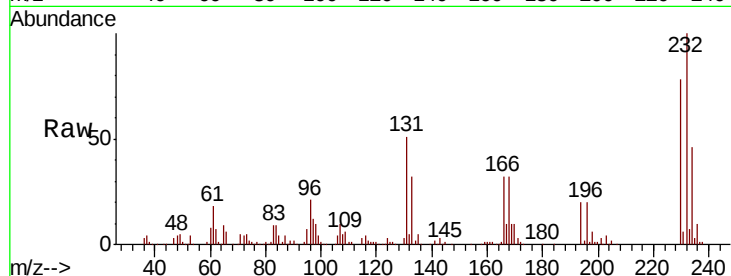
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.055 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion:	232	Resp:	179486
Ion Ratio	Lower	Upper	
232	100		
131	47.3	38.8	58.2
130	2.4	1.9	2.9
166	30.9	25.4	38.0

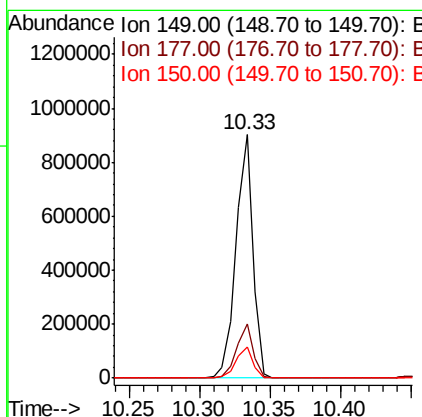
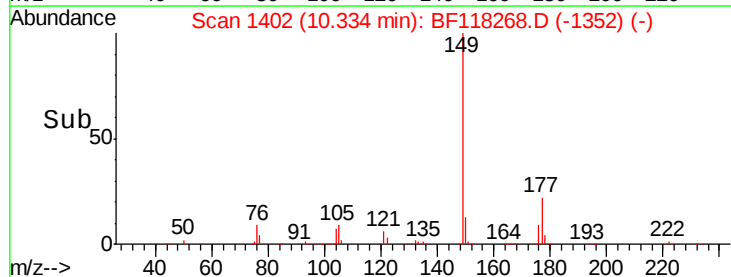
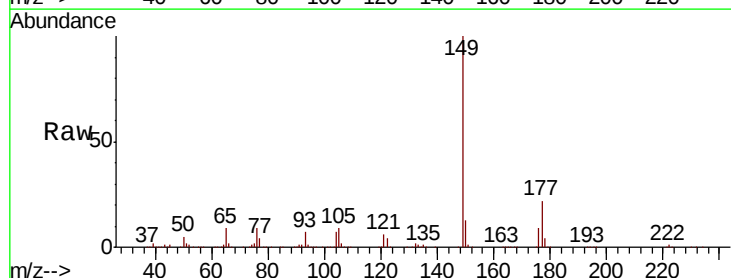
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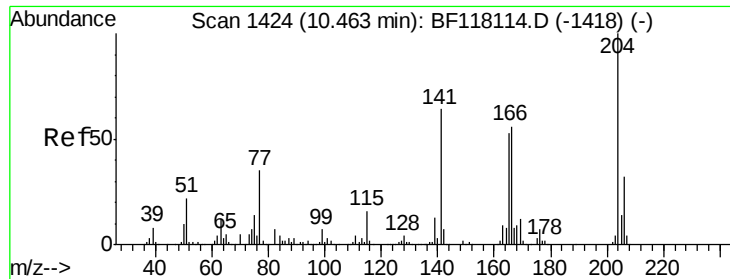
mohammad
 12/19/2019 11:16:49 AM



#60
 Diethylphthalate
 Concen: 46.022 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:	149	Resp:	754992
Ion Ratio	Lower	Upper	
149	100		
177	22.1	17.0	25.4
150	12.7	10.1	15.1





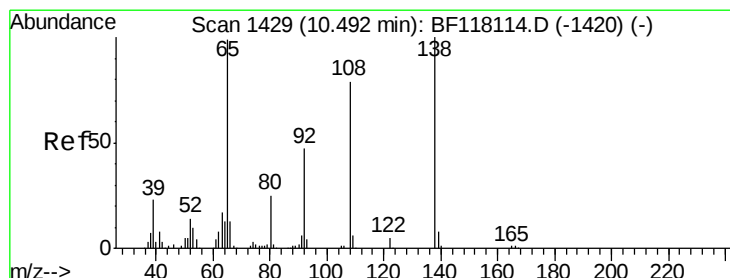
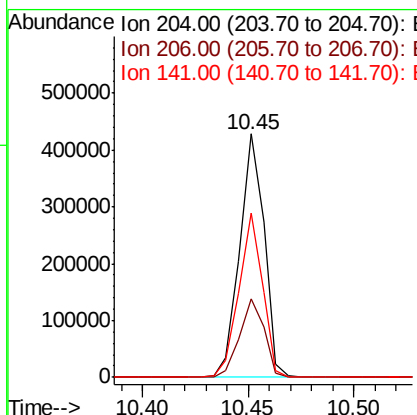
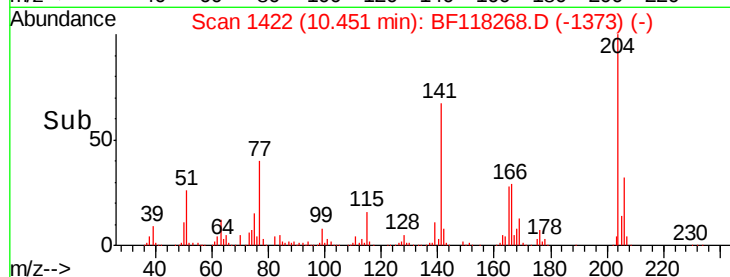
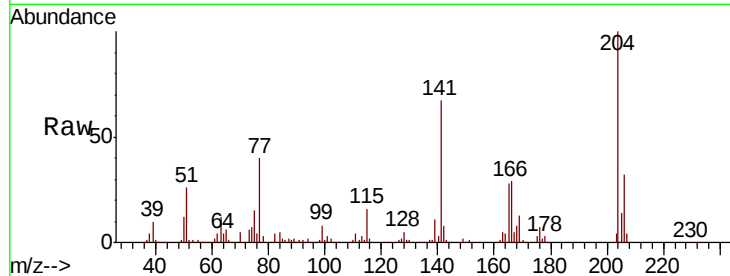
#61
 4-Chlorophenyl-phenylether
 Concen: 45.432 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampled :
 PF-01MS

Tot Ion:	204	Resp:	342706
Ion Ratio	Lower	Upper	
204	100		
206	32.4	26.0	39.0
141	67.3	51.0	76.6

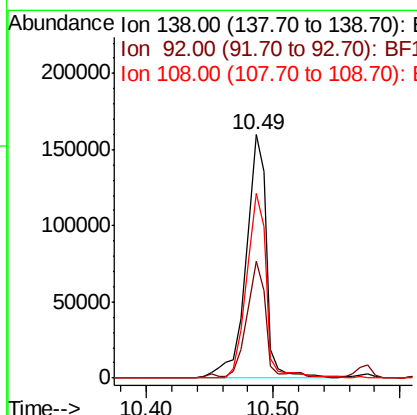
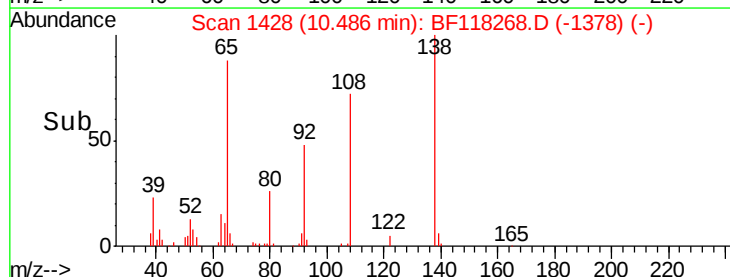
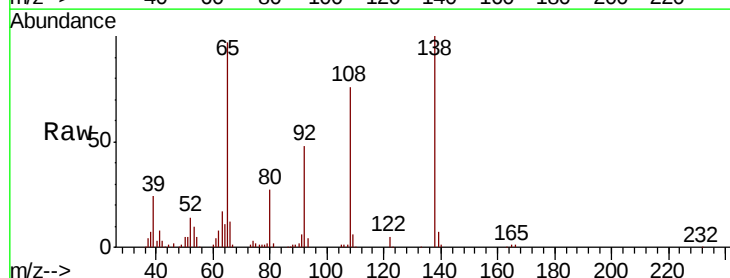
Manual Integrations
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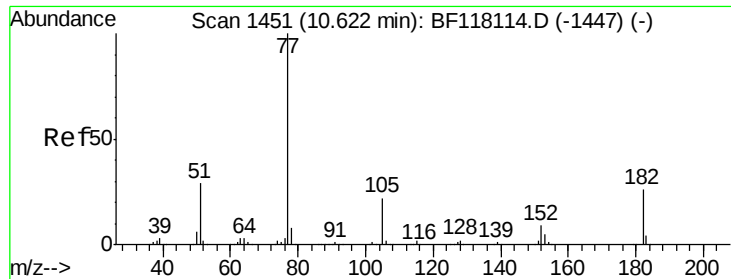
mohammad
 12/19/2019 11:16:49 AM



#62
 4-Nitroaniline
 Concen: 40.400 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion:	138	Resp:	179534
Ion Ratio	Lower	Upper	
138	100		
92	47.8	27.1	67.1
108	75.8	59.0	99.0





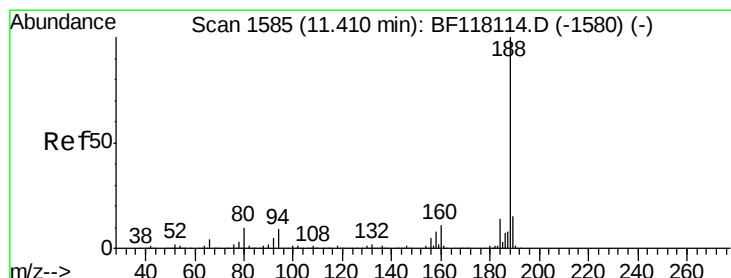
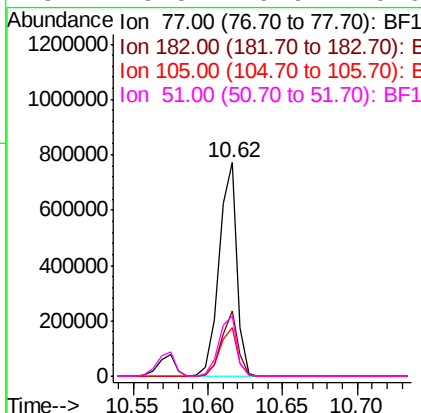
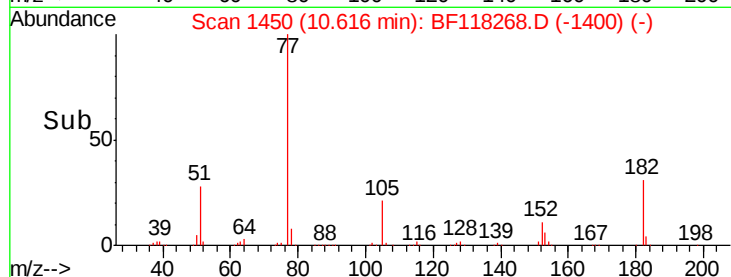
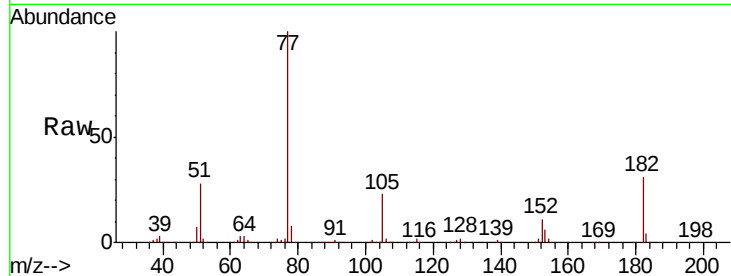
#63
Azobenzene
Concen: 46.097 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		645562		
182	30.7	5.7	45.7		
105	23.0	2.2	42.2		
51	28.3	9.6	49.6		

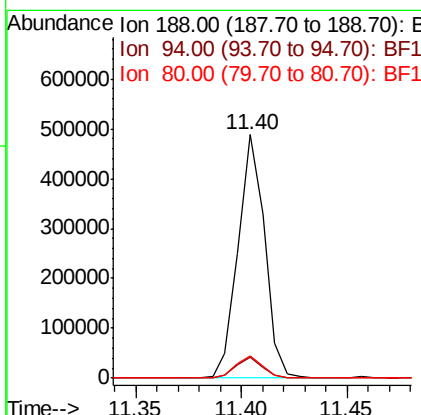
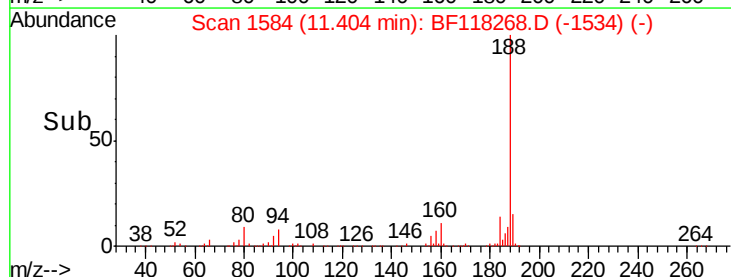
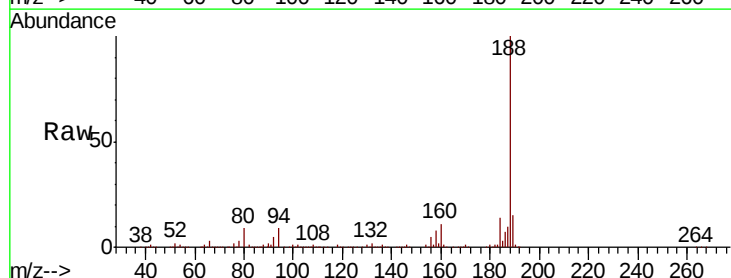
Manual Integrations
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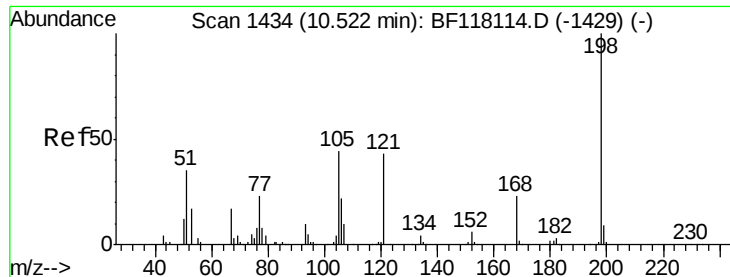
mohammad
12/19/2019 11:16:49 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		425686		
94	8.7	7.1	10.7		
80	9.3	7.9	11.9		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.072 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

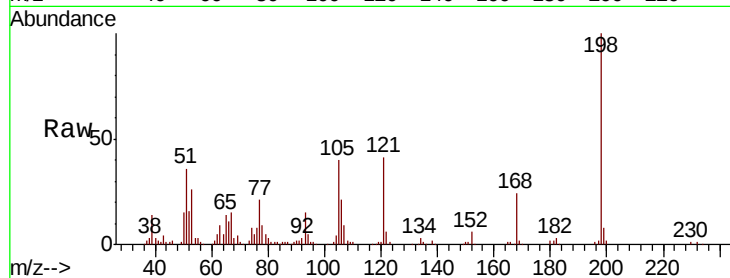
ClientSampled :

PF-01MS

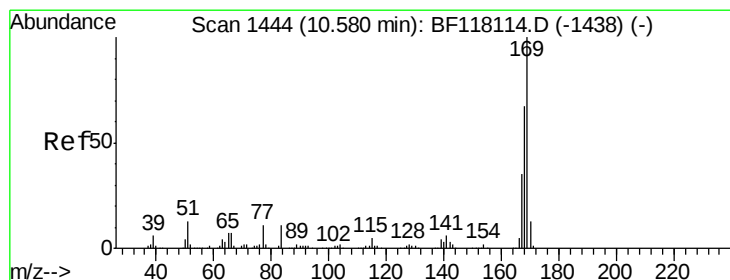
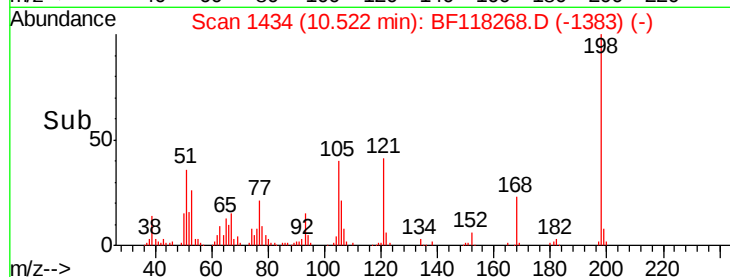
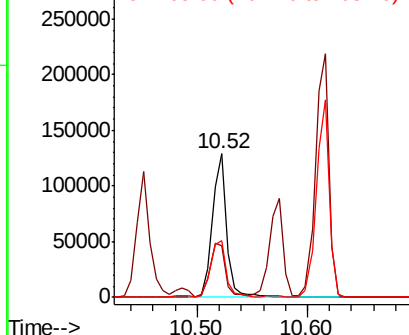
Tot Ion:	198	Resp:	113010
Ion Ratio	Lower	Upper	
198	100		
51	36.0	22.0	62.0
105	39.8	25.6	65.6

Manual Integrations
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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: 46.336 ng

RT: 10.57 min Scan# 1443

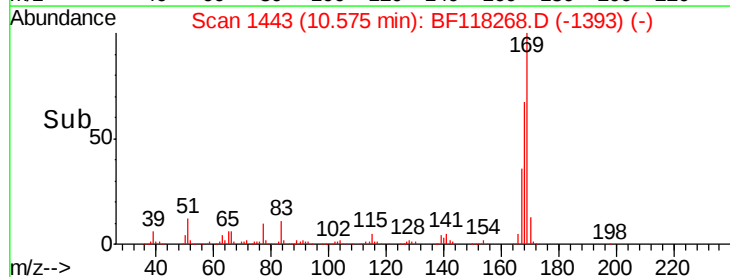
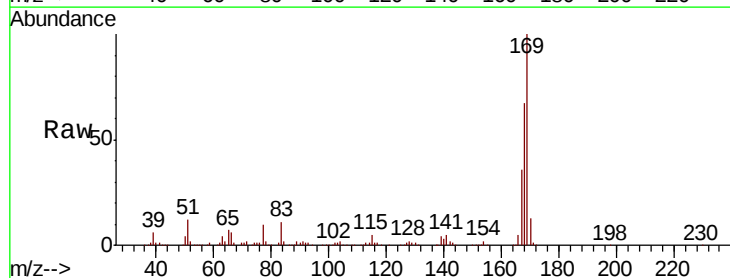
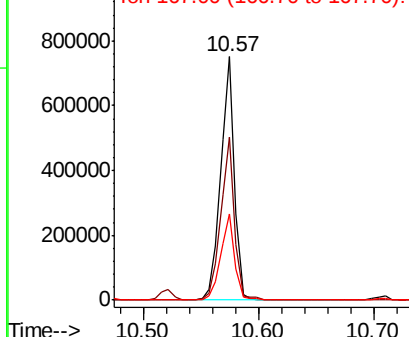
Delta R.T. -0.01 min

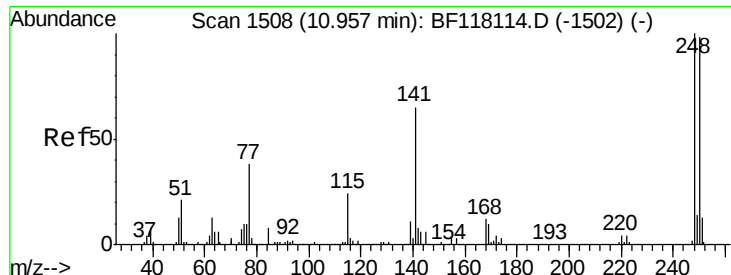
Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	169	Resp:	615968
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.4	80.2
167	35.7	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





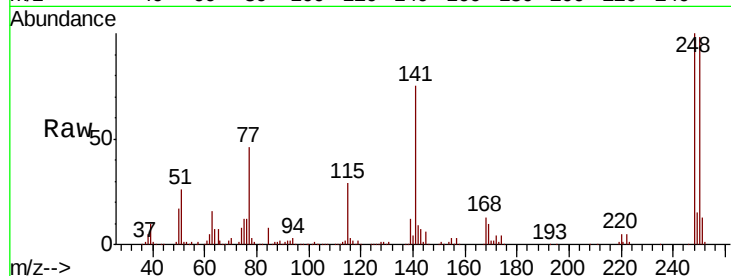
#67
4-Bromophenyl-phenylether
Concen: 43.720 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	78.3	117.5
141	75.5	52.2	78.4

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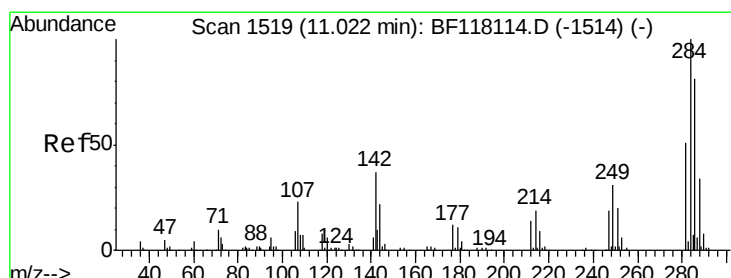
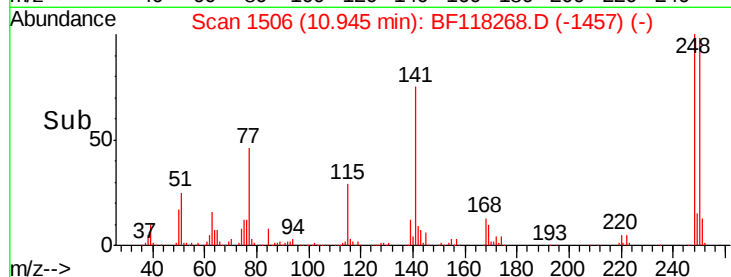
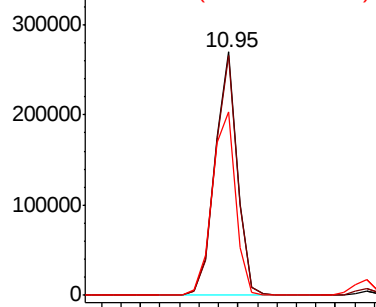


Abundance

Ion 248.00 (247.70 to 248.70): E

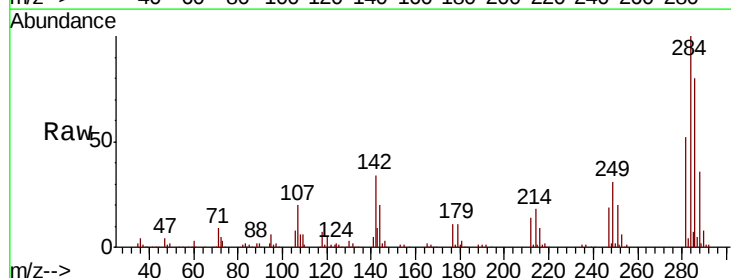
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.836 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.6	29.7	44.5
249	30.7	24.6	37.0

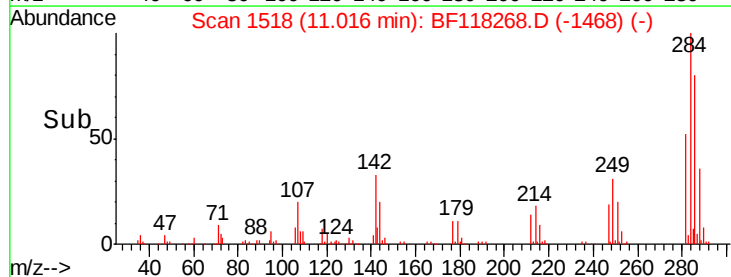
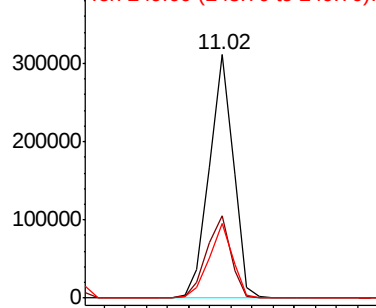


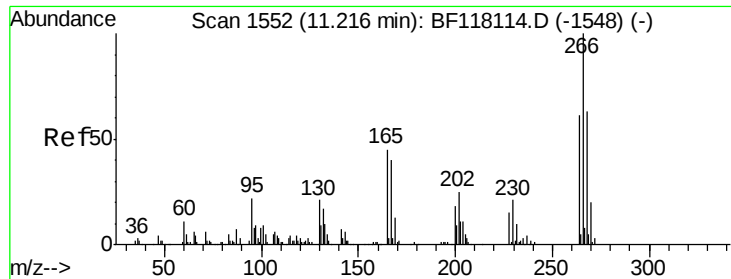
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





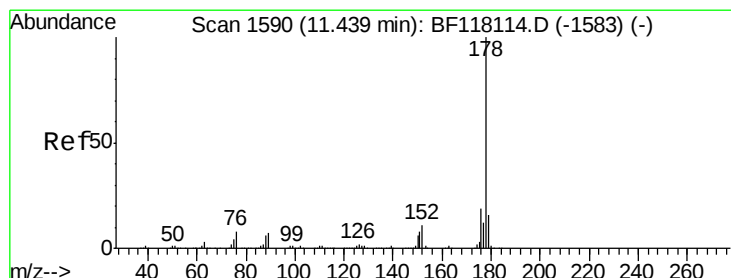
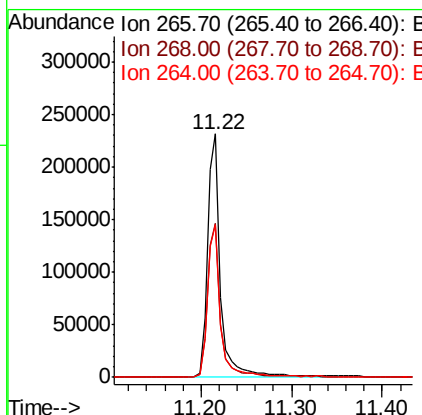
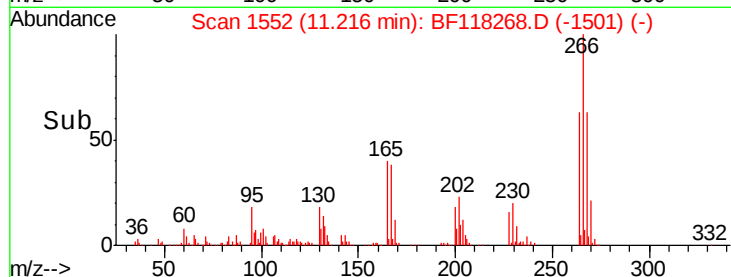
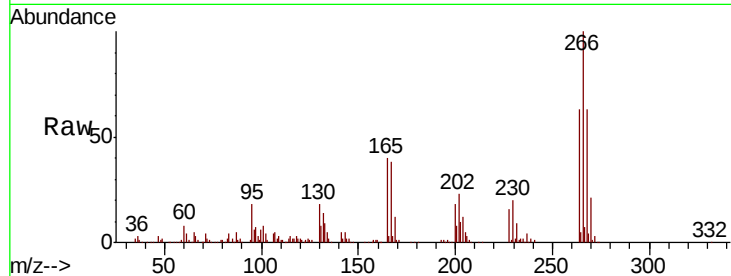
#70
 Pentachlorophenol
 Concen: 88.012 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.2	50.7	76.1
264	62.5	48.7	73.1

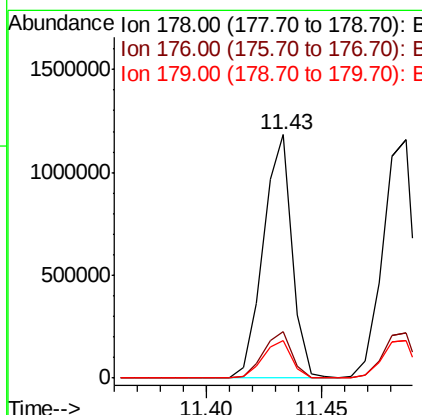
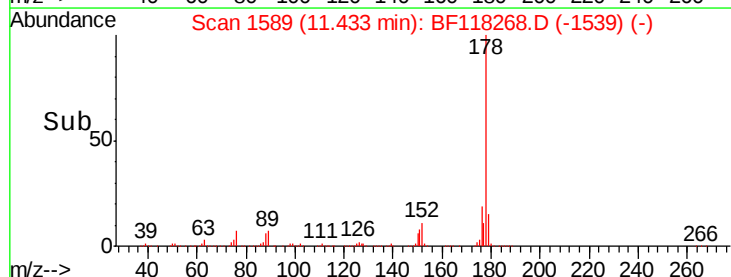
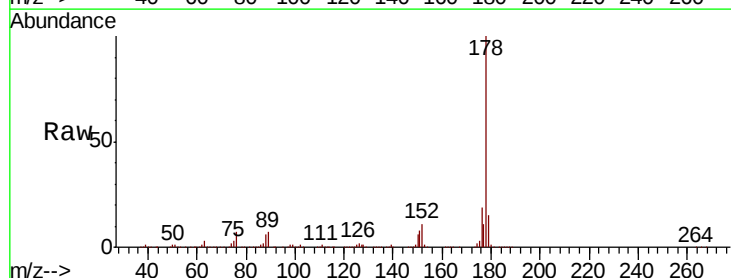
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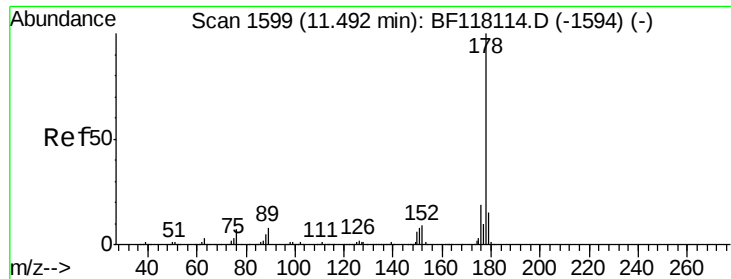
mohammad
 12/19/2019 11:16:49 AM



#71
 Phenanthrene
 Concen: 45.357 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.3	12.6	18.8





#72

Anthracene

Concen: 47.697 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

ClientSampleId :

PF-01MS

Tot Ion:178 Resp: 1076714

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

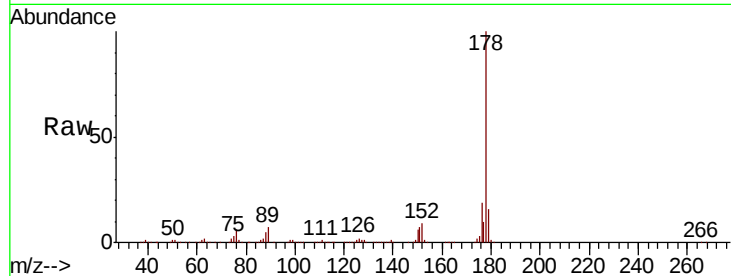
179 15.5 12.2 18.4

Manual Integrations

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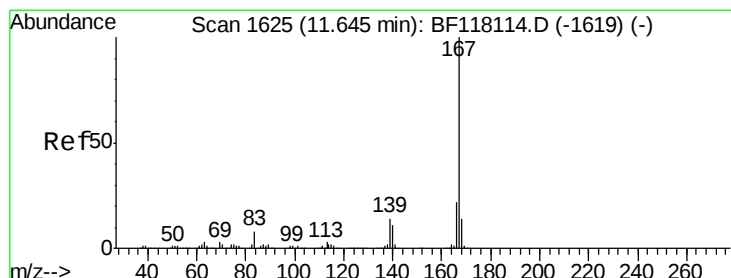
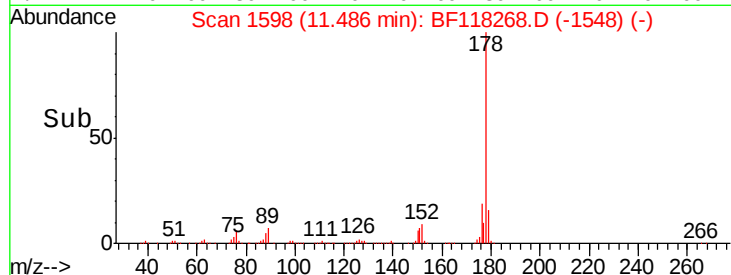
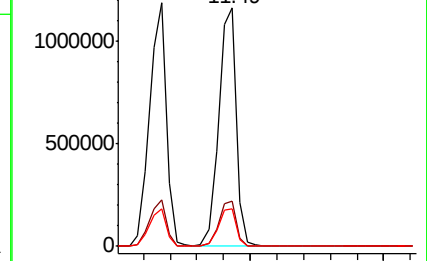
12/19/2019 11:16:49 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 46.153 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

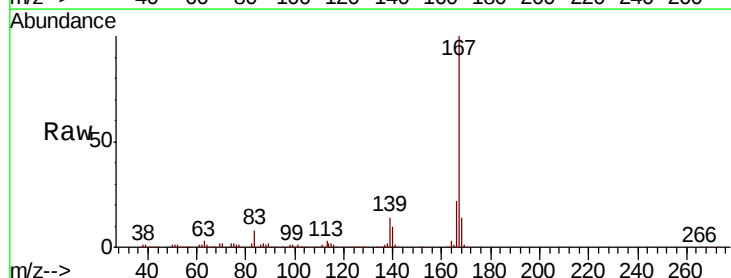
Tgt Ion:167 Resp: 934770

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

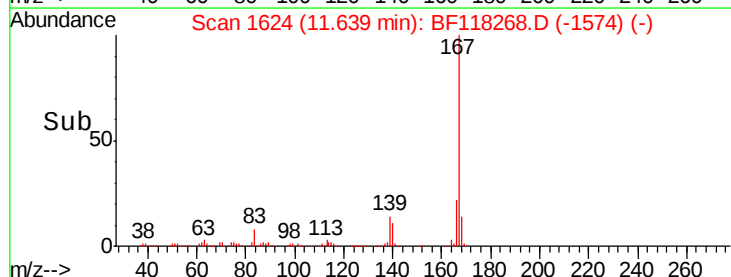
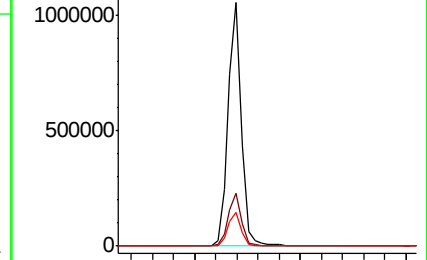
139 13.6 11.4 17.0

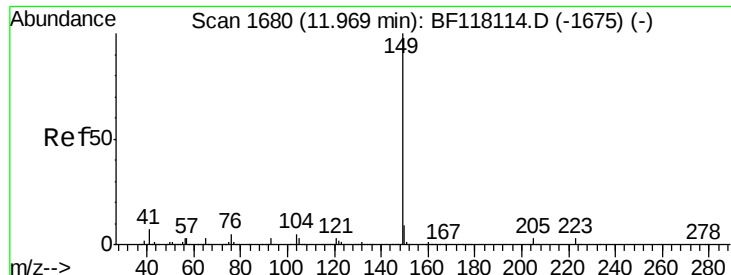


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





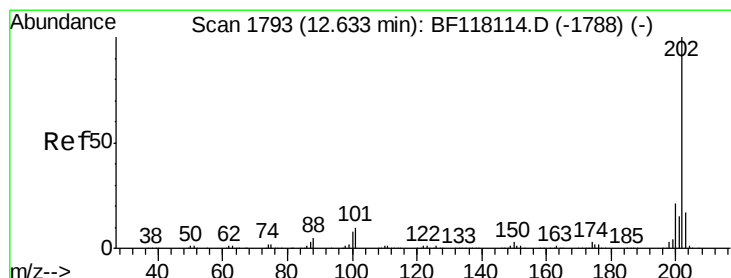
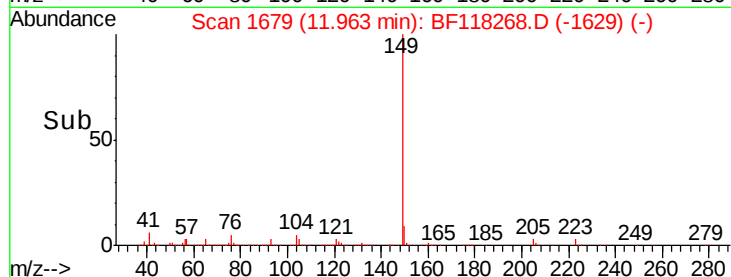
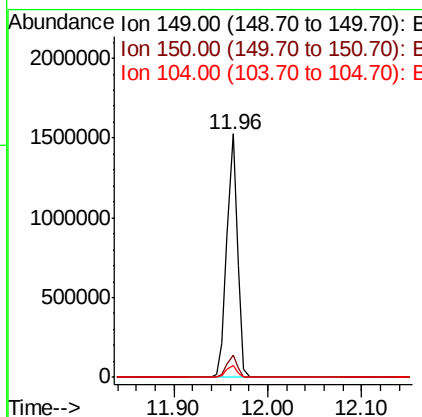
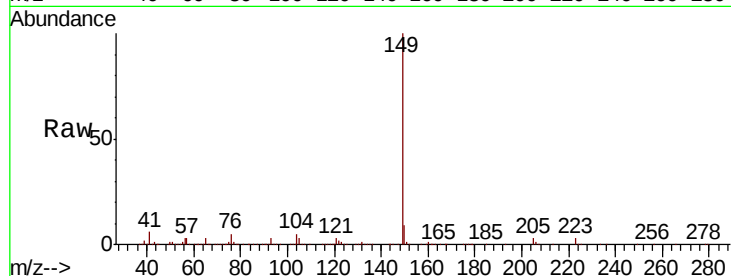
#74
Di-n-butylphthalate
Concen: 47.489 ng
RT: 11.96 min Scan# 1679
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	4.3	6.5

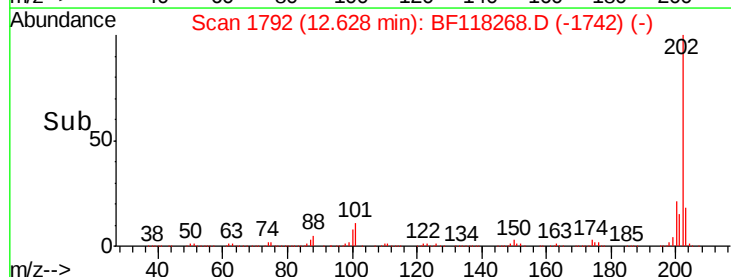
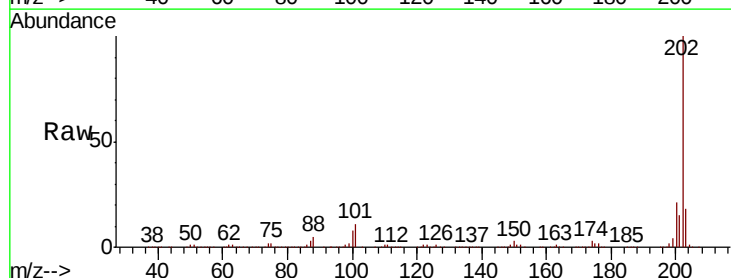
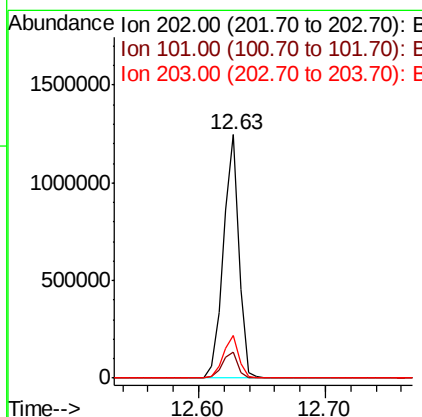
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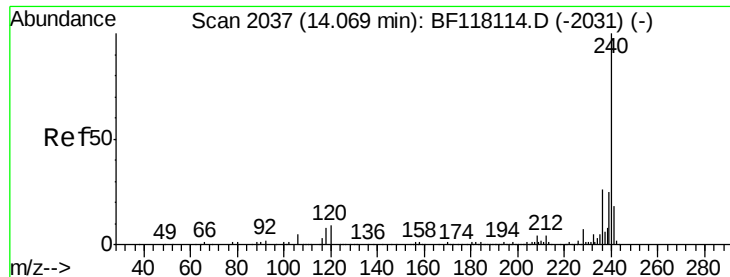
mohammad
12/19/2019 11:16:49 AM



#75
Fluoranthene
Concen: 46.178 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.4
203	17.7	0.0	37.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

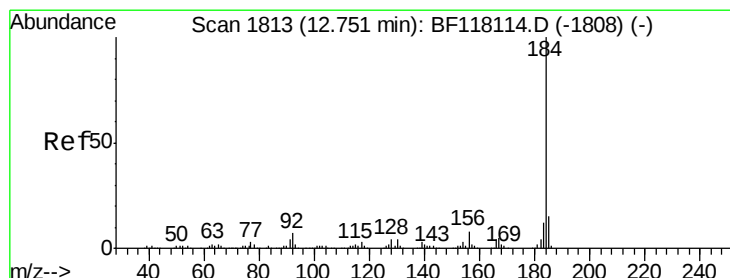
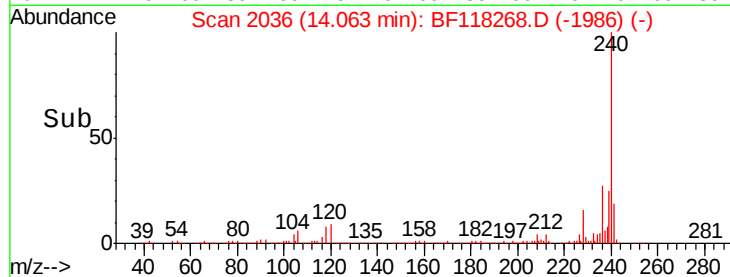
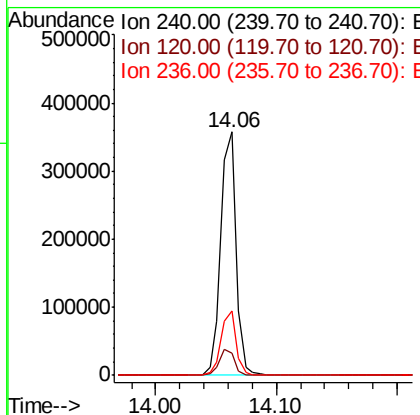
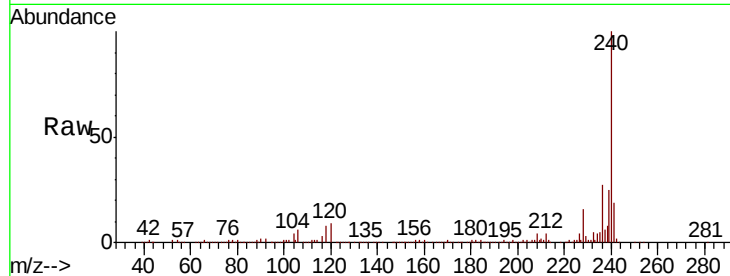
ClientSampleID :

PF-01MS

Tot Ion:	240	Resp:	312630
Ion Ratio	Lower	Upper	
240	100		
120	9.1	7.1	10.7
236	26.6	21.0	31.6

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#77

Benzidine

Concen: 45.821 ng

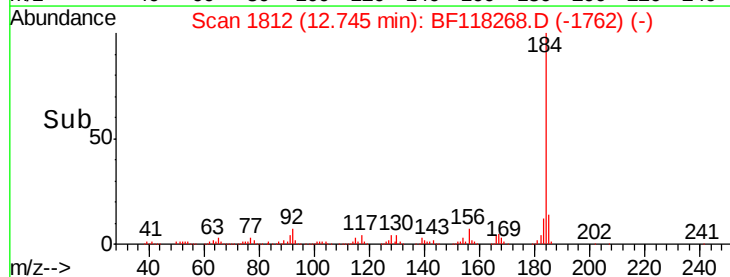
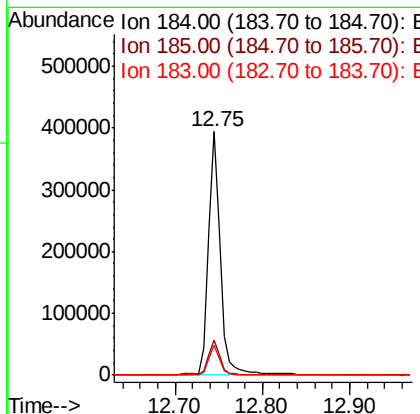
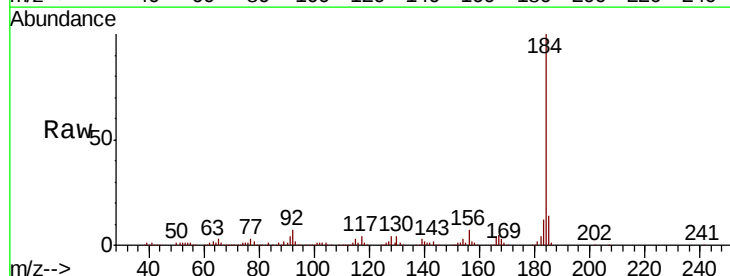
RT: 12.75 min Scan# 1812

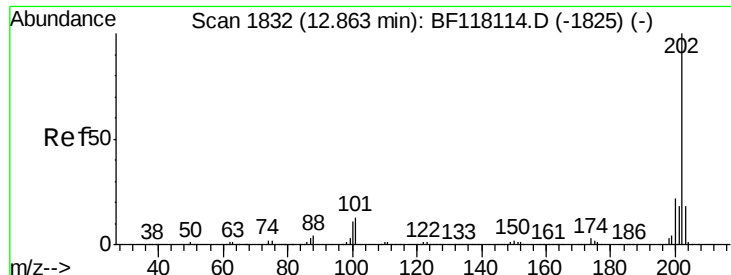
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	184	Resp:	377109
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.3	18.5
183	12.2	9.9	14.9





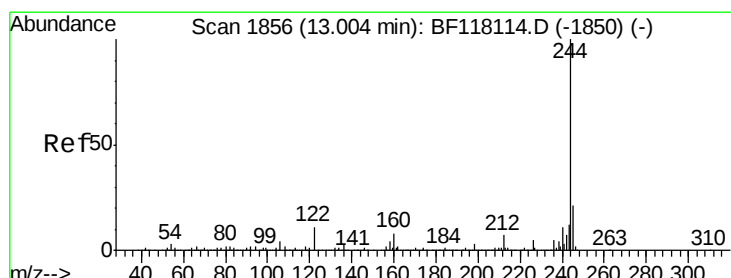
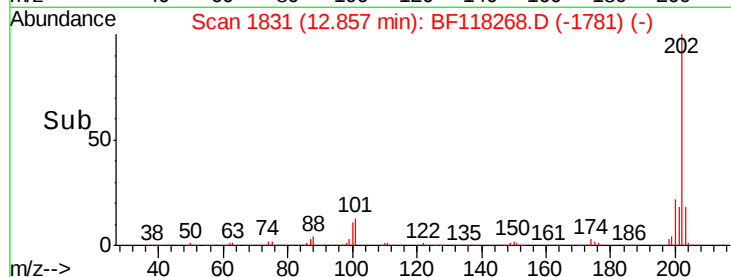
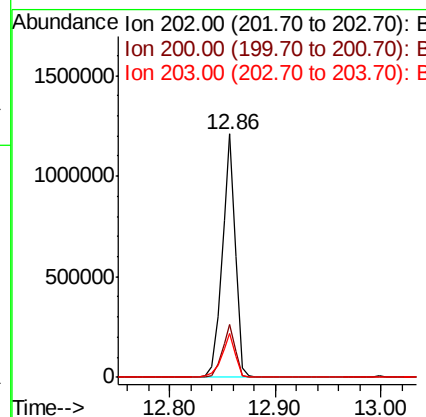
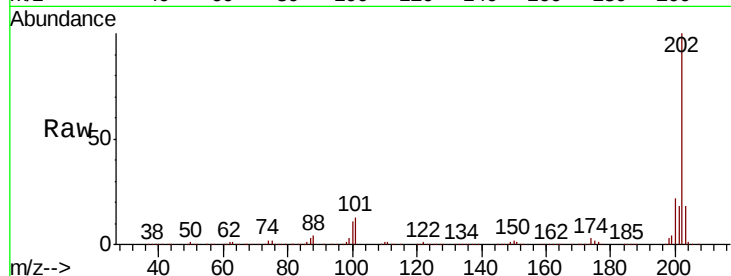
#78
Pvrene
Concen: 43.390 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	17.9	14.6	21.8

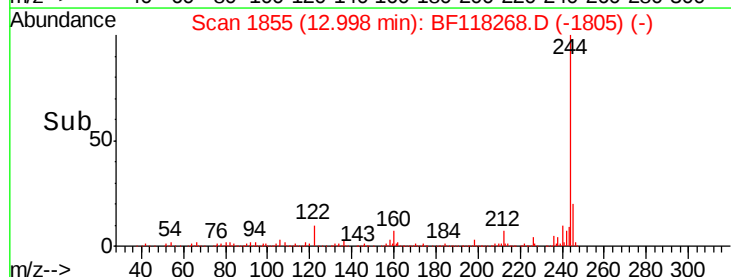
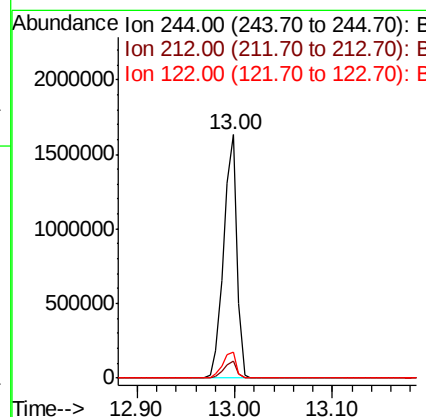
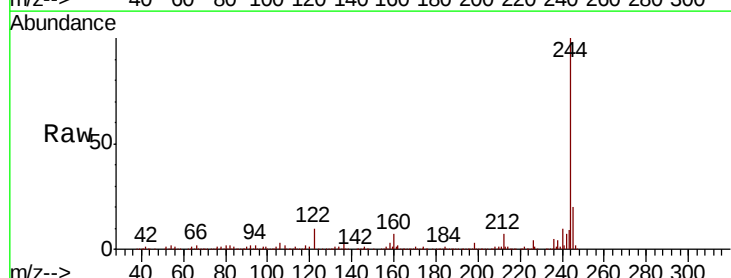
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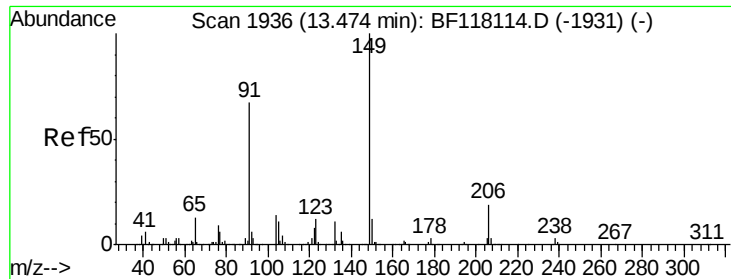
mohammad
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#79
Terphenyl-d14
Concen: 84.288 ng
RT: 13.00 min Scan# 1855
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	10.5	9.0	13.6





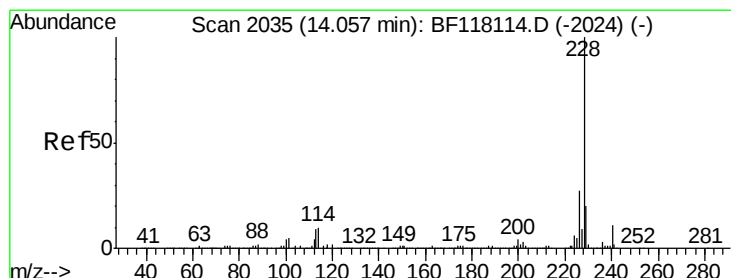
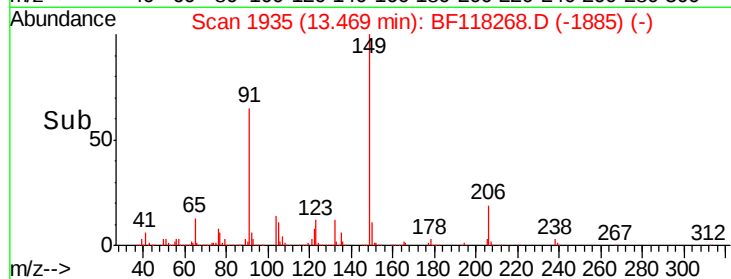
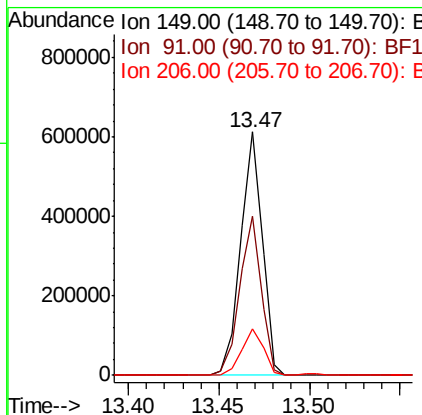
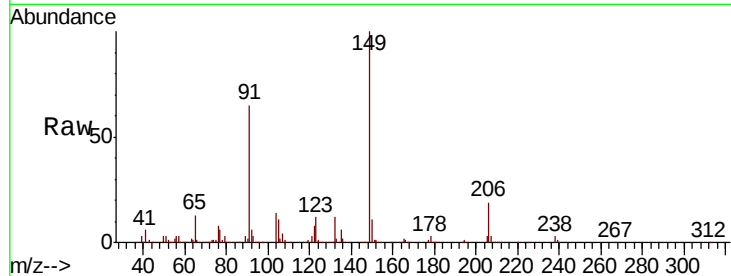
#80
Butylbenzylphthalate
Concen: 45.612 ng
RT: 13.47 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	508916		
91	65.4	53.9	80.9	
206	19.3	15.2	22.8	

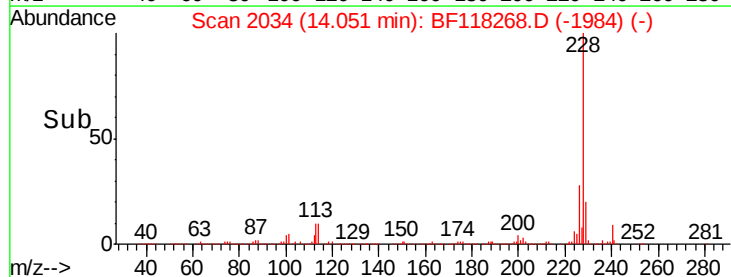
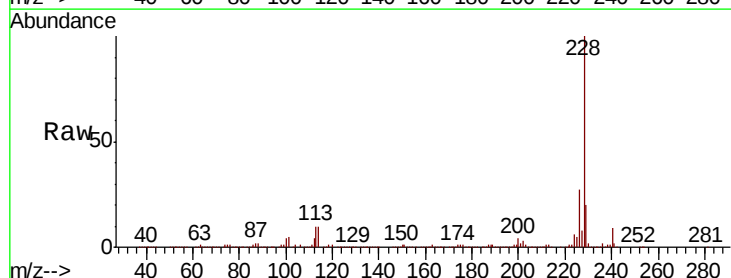
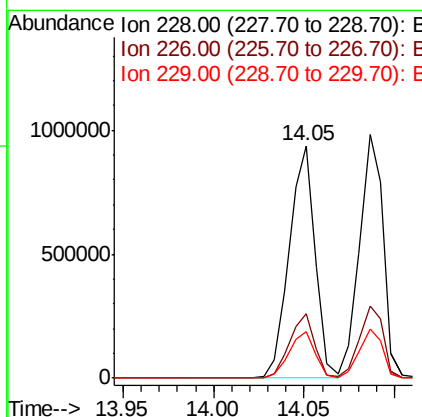
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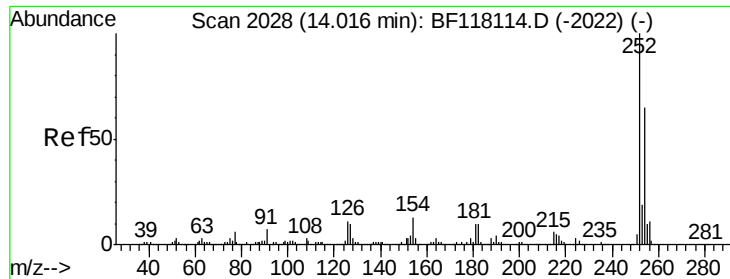
mohammad
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#81
Benzo(a)anthracene
Concen: 43.438 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	939019		
226	27.5	21.8	32.8	
229	20.1	15.8	23.8	





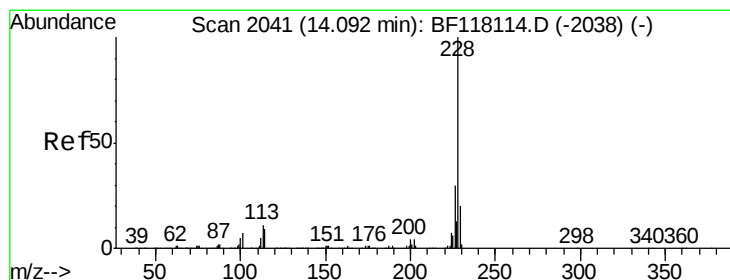
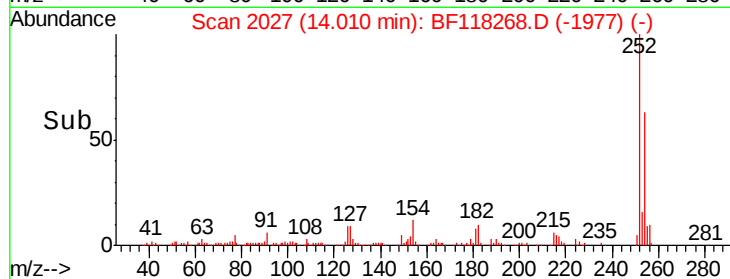
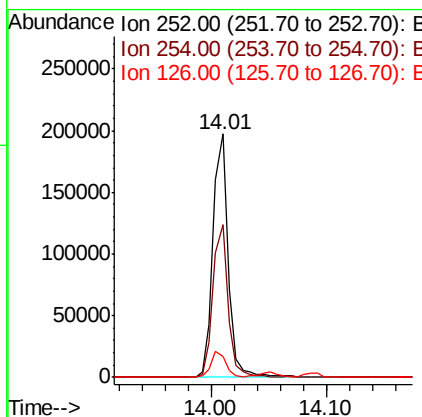
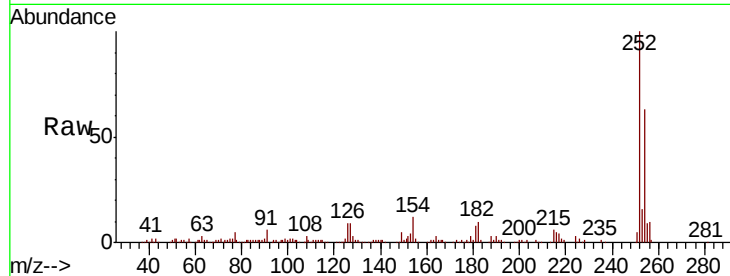
#82
 3,3'-Dichlorobenzidine
 Concen: 25.562 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	181481		
254	63.0	52.2	78.4	
126	8.8	8.6	13.0	

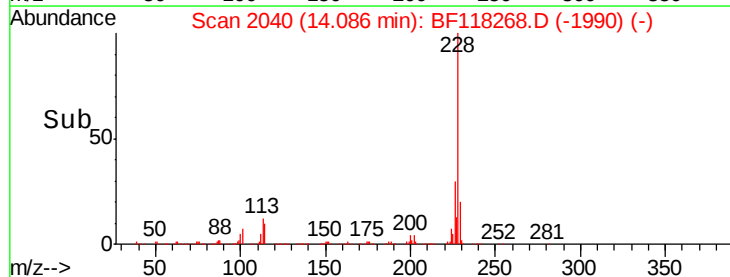
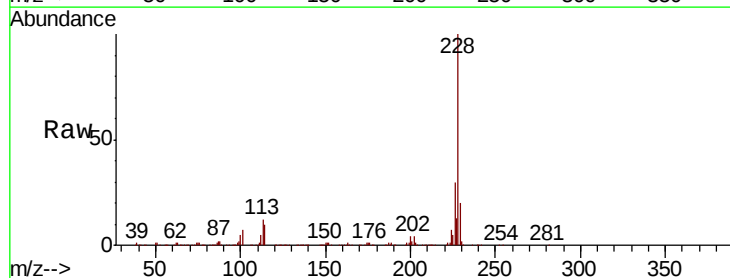
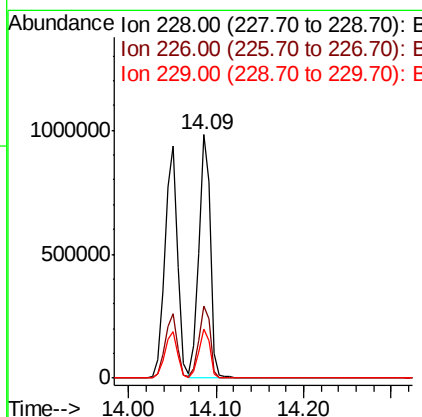
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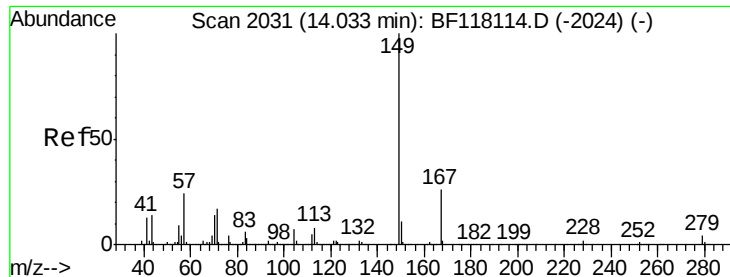
mohammad
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#83
 Chrysene
 Concen: 43.706 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	902515		
226	29.5	23.8	35.8	
229	20.2	15.7	23.5	





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.152 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Instrument :

BNA_F

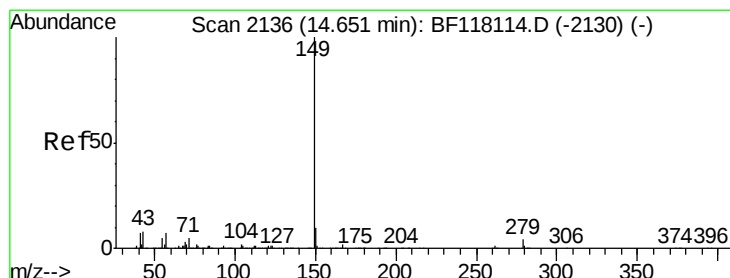
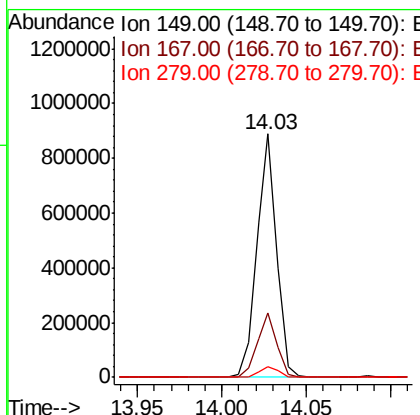
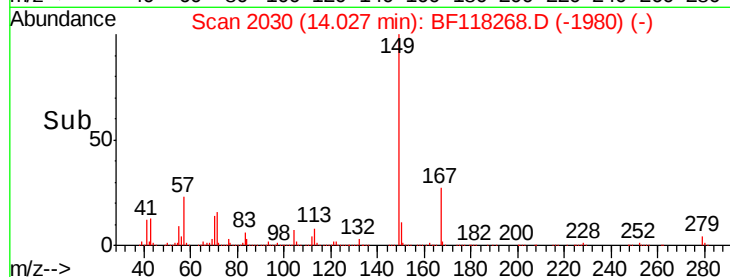
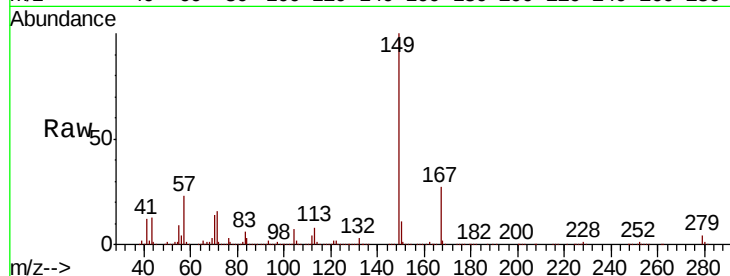
ClientSampleId :

PF-01MS

Tot Ion:	149	Resp:	723143
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.8	31.2
279	4.4	2.9	4.3#

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#85

Di-n-octyl phthalate

Concen: 51.100 ng

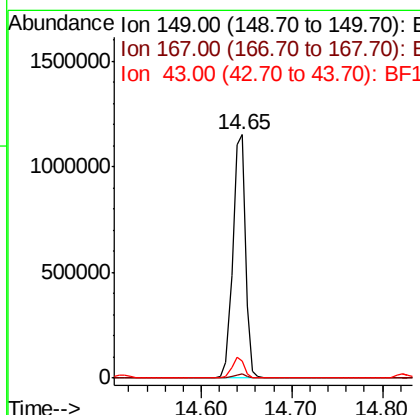
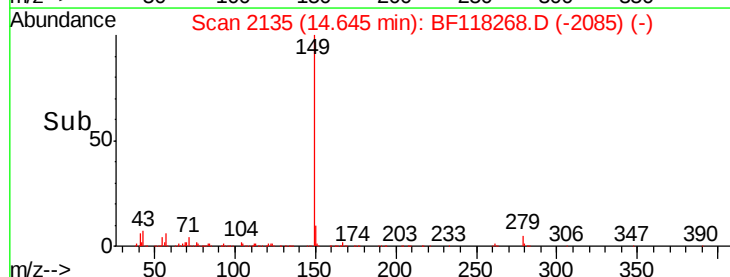
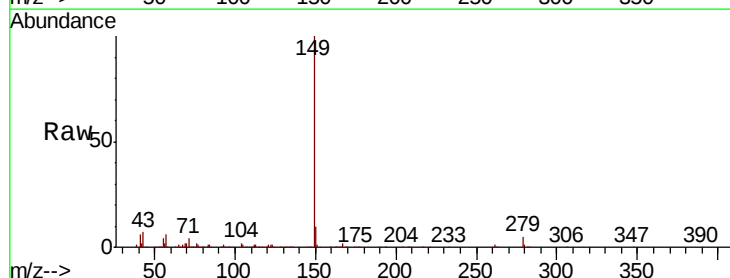
RT: 14.65 min Scan# 2135

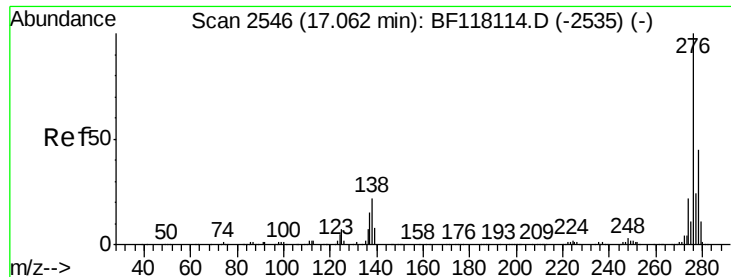
Delta R.T. -0.01 min

Lab File: BF118268.D

Acq: 18 Dec 2019 19:34

Tgt Ion:	149	Resp:	1138857
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.8	6.5	9.7





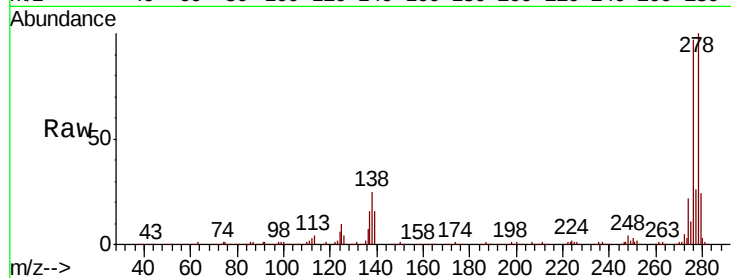
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 52.679 ng
 RT: 17.07 min Scan# 2548
 Delta R.T. 0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	25.9	20.4	30.6

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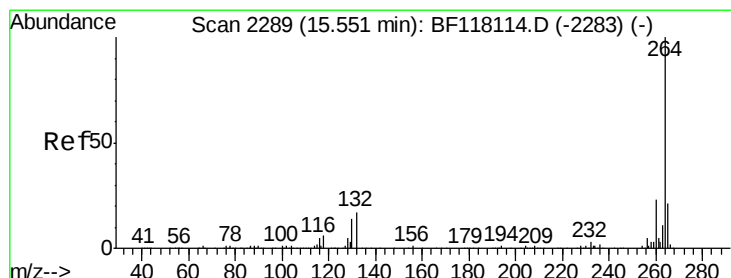
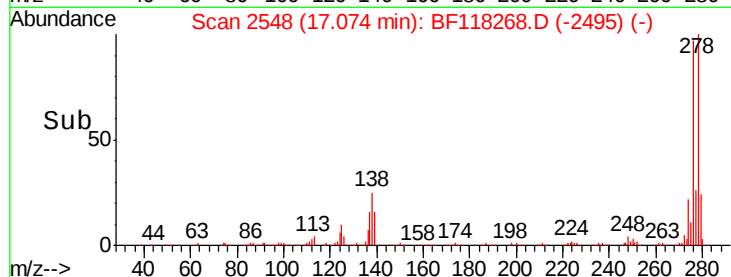
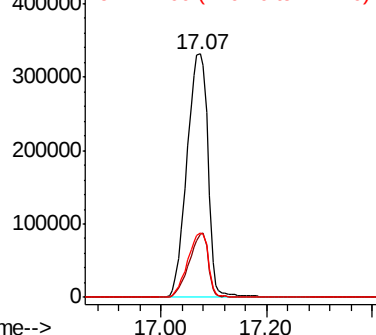


Abundance

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
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

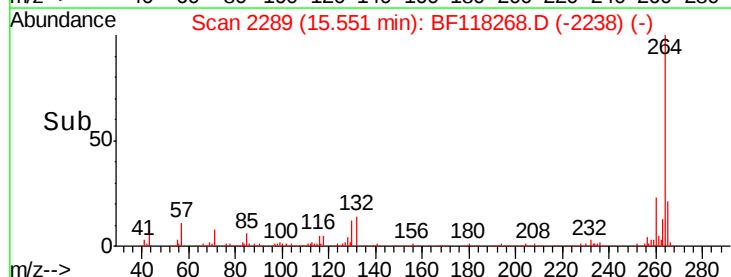
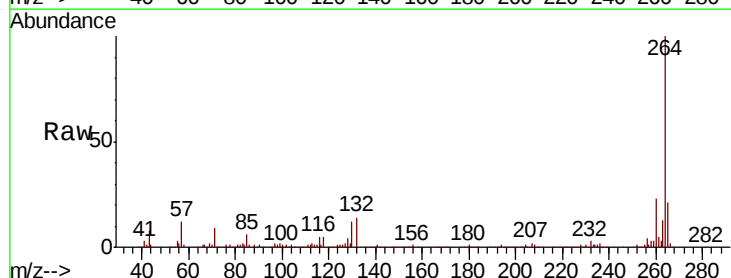
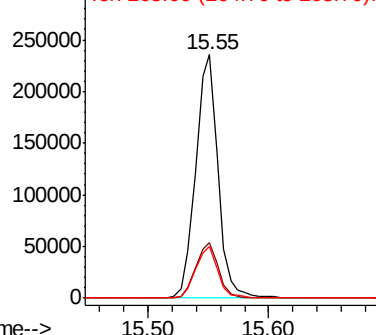
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	21.4	16.8	25.2

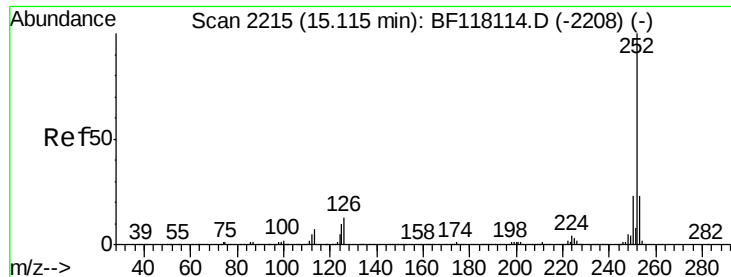
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





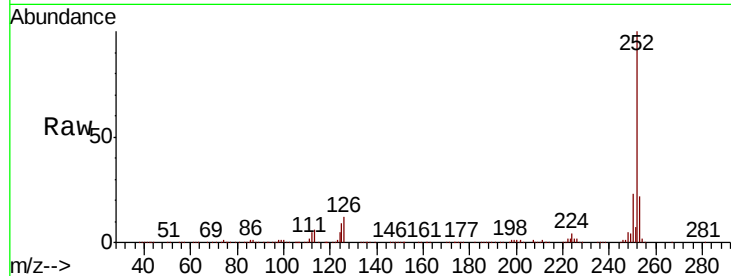
#88
Benzo(b)fluoranthene
Concen: 42.739 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampled :
PF-01MS

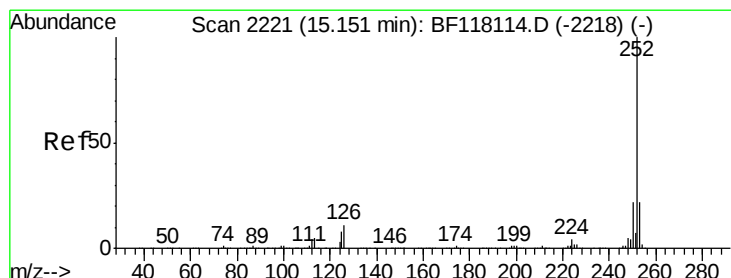
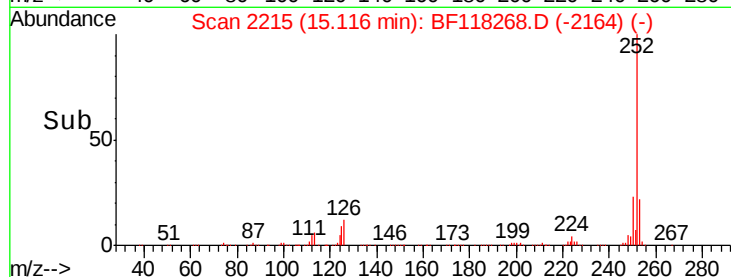
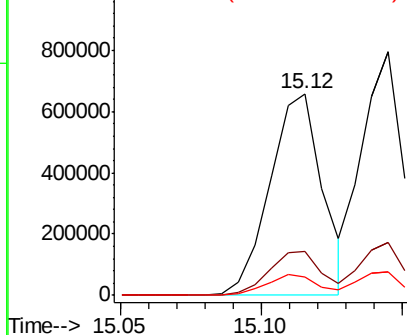
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	9.0	8.3	12.5

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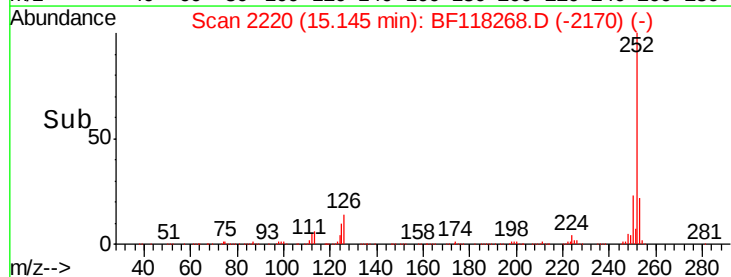
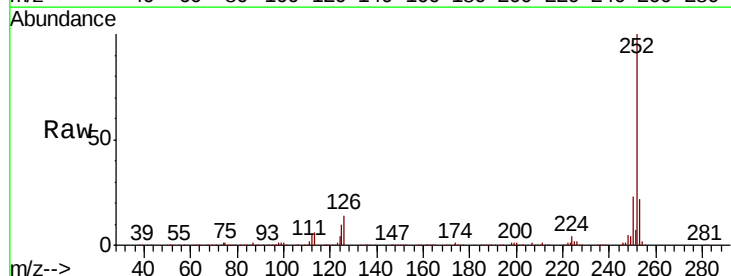
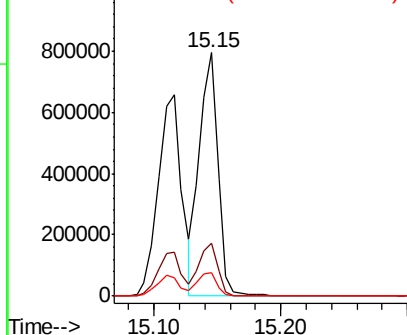
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

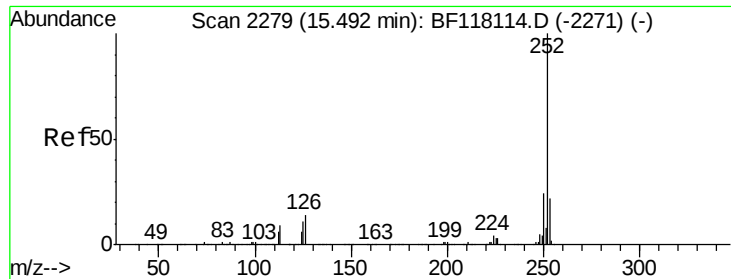


#89
Benzo(k)fluoranthene
Concen: 42.285 ng
RT: 15.15 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	9.7	6.7	10.1

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





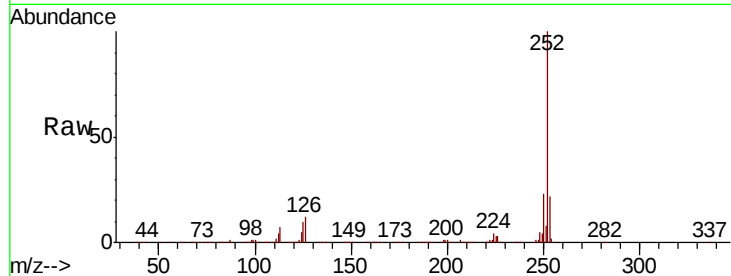
#90
Benzo(a)pyrene
Concen: 42.714 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Instrument :
BNA_F
ClientSampleId :
PF-01MS

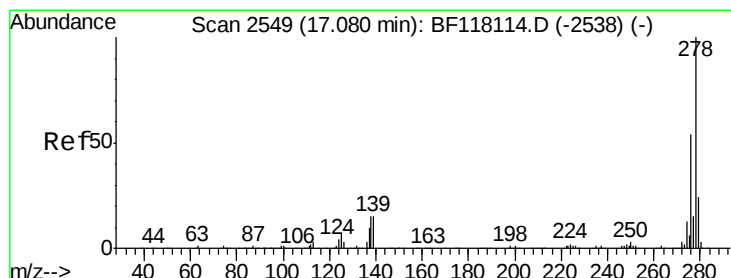
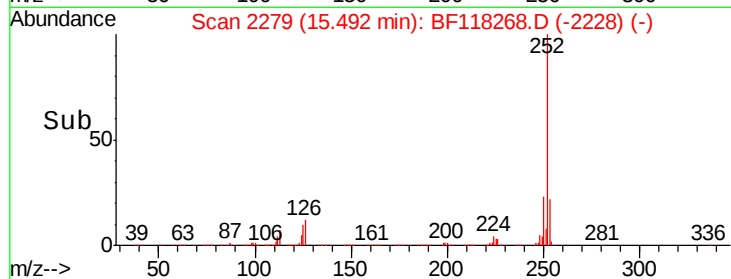
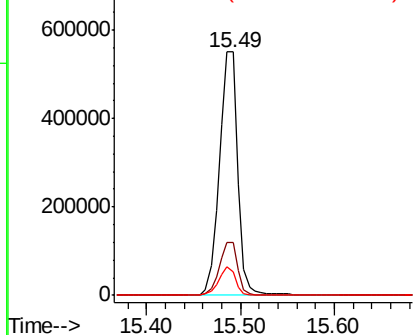
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	9.7	9.1	13.7

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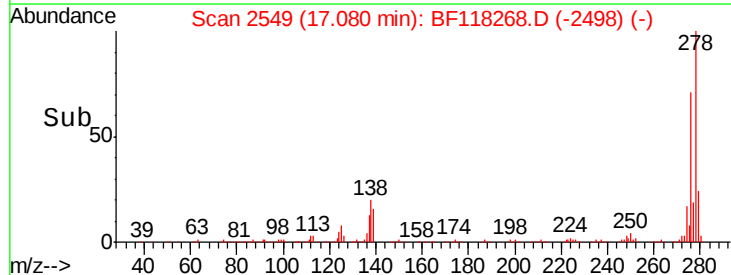
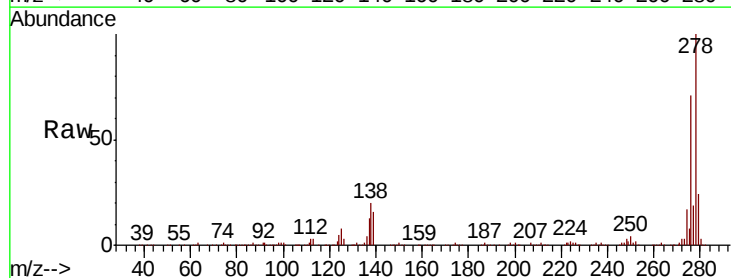
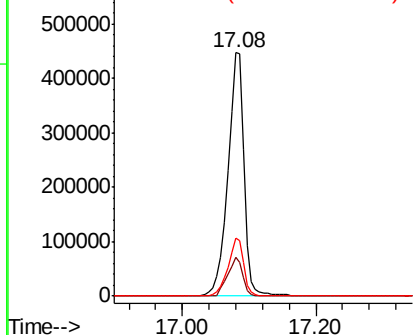
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

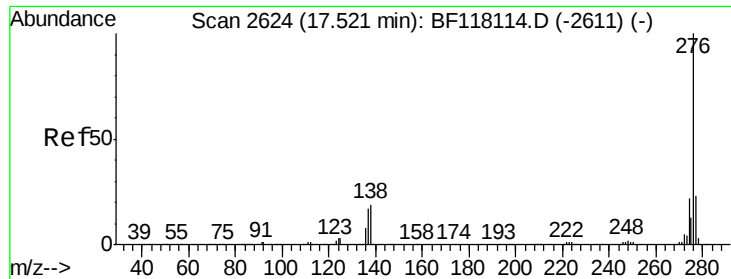


#91
Dibenzo(a,h)anthracene
Concen: 51.012 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.00 min
Lab File: BF118268.D
Acq: 18 Dec 2019 19:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	11.7	17.5
279	23.9	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 53.640 ng
 RT: 17.53 min Scan# 2625
 Delta R.T. 0.01 min
 Lab File: BF118268.D
 Acq: 18 Dec 2019 19:34

Instrument :
 BNA_F
 ClientSampleId :
 PF-01MS

Tot Ion:	276	Resp:	778559
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.2	27.4
138	20.8	15.5	23.3

Manual Integrations
 APPROVED

mohammad
 12/19/2019 11:16:49 AM

