

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121615.D
 Acq On : 18 Sep 2020 16:17
 Operator : JU/CG
 Sample : L4059-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-0-10

Quant Time: Sep 18 16:52:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

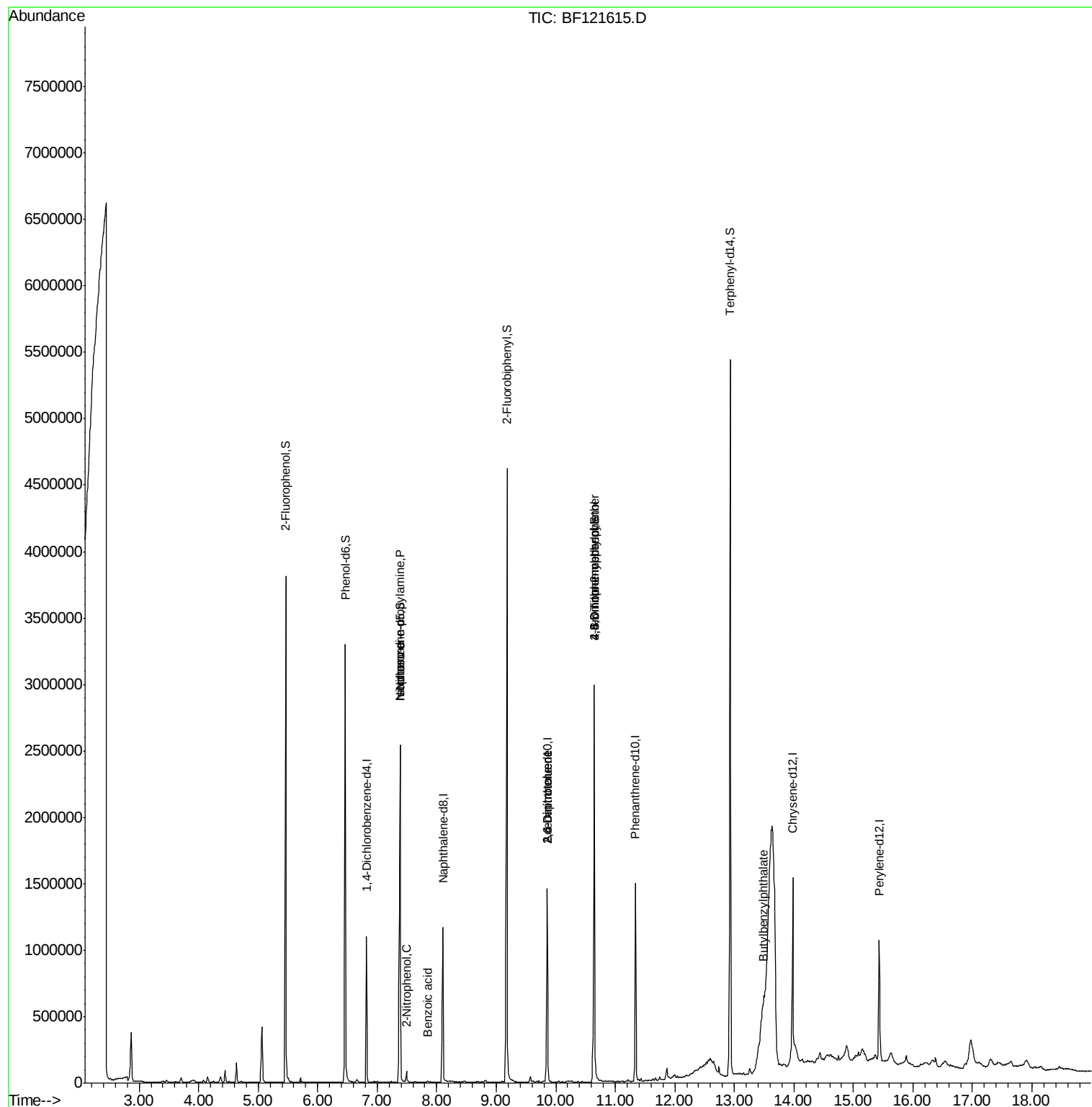
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162204	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	641504	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	333246	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	627812	20.00	ng	-0.01
76) Chrysene-d12	13.98	240	474668	20.00	ng	-0.01
86) Perylene-d12	15.43	264	420508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1111456	101.83	ng	0.02
7) Phenol-d6	6.46	99	1311987	91.62	ng	0.00
23) Nitrobenzene-d5	7.39	82	1104355	92.43	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	526210	127.05	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1942926	88.30	ng	-0.01
79) Terphenyl-d14	12.93	244	2005682	85.60	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	149741	18.145	ng	# 78
25) Isophorone	7.39	82	1075107	44.701	ng	# 66
26) 2-Nitrophenol	7.49	139	368	2.617	ng	# 36
32) Benzoic acid	7.84	122	1625	7.109	ng	# 86
51) 2,6-Dinitrotoluene	9.86	165	42812	8.323	ng	# 28
57) 2,4-Dinitrotoluene	9.86	165	42812	6.616	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	753	7.020	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	30198	4.225	ng	# 1
80) Butylbenzylphthalate	13.47	149	30962	2.207	ng	# 61

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

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Response via : Initial Calibration



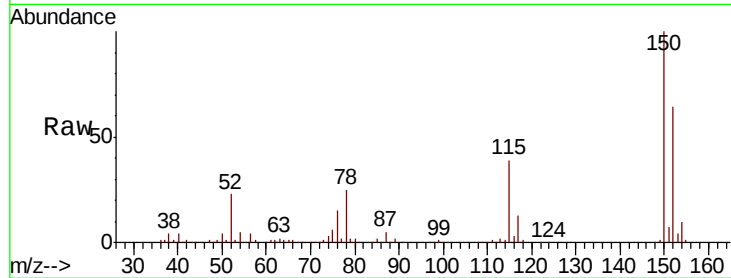


#1

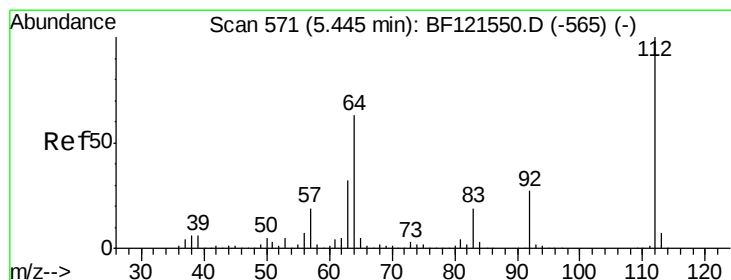
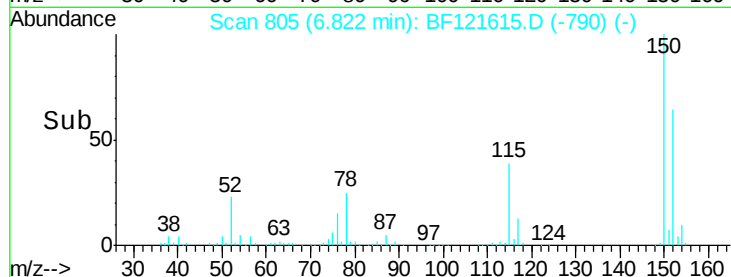
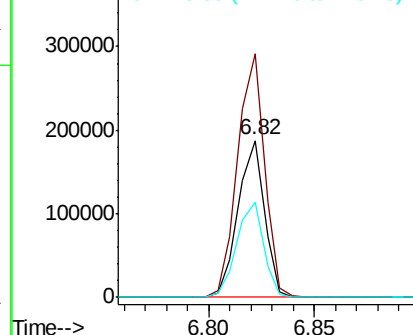
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

Tot Ion:152 Resp: 162204
Ion Ratio Lower Upper
152 100
150 155.4 125.8 188.6
115 61.1 47.8 71.8



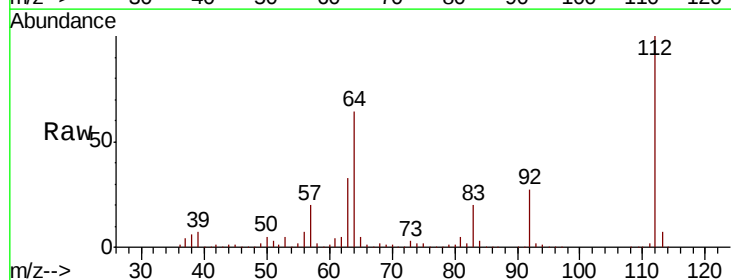
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



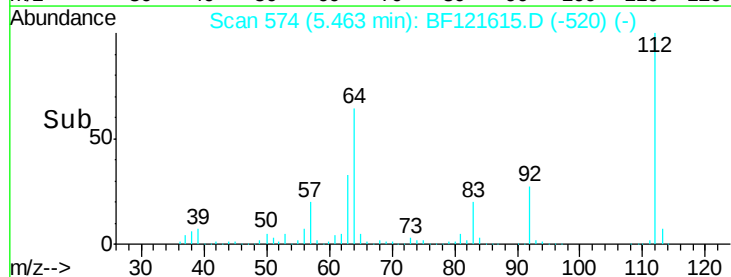
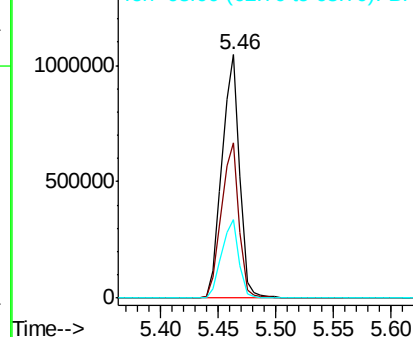
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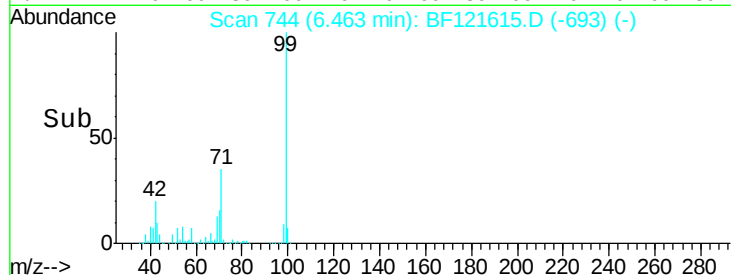
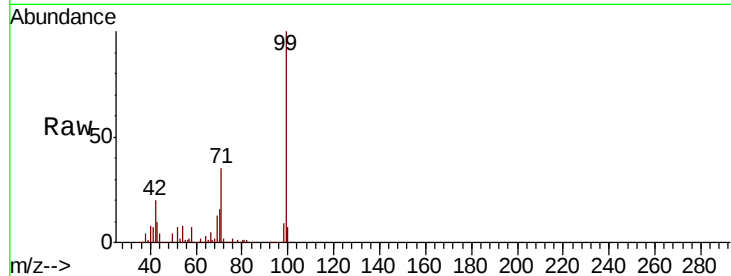
2-Fluorophenol
Concen: 101.832 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Tgt Ion:112 Resp: 1111456
Ion Ratio Lower Upper
112 100
64 63.7 50.3 75.5
63 32.5 25.6 38.4



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





#7

Phenol-d6

Concen: 91.624 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-0-10

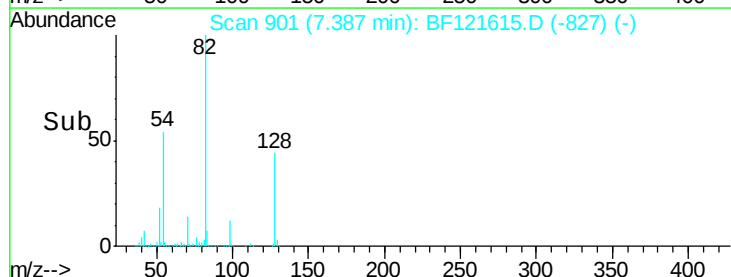
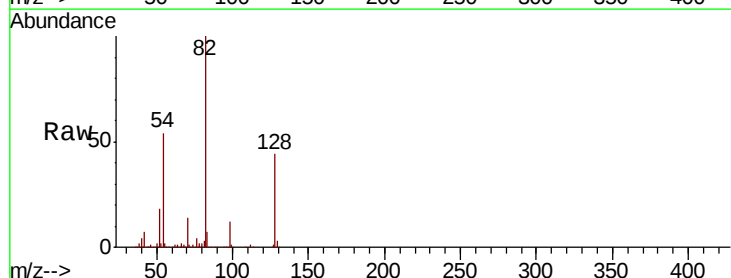
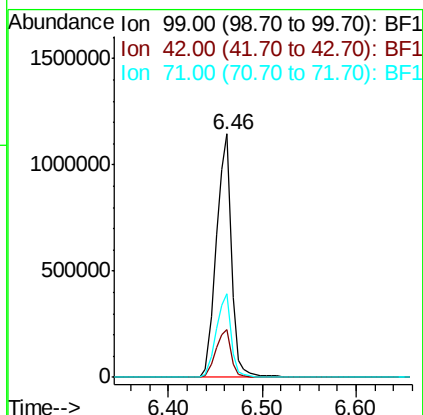
Tot Ion: 99 Resp: 1311987

Ion Ratio Lower Upper

99 100

42 19.8 15.5 23.3

71 34.5 26.1 39.1



#19

n-Nitroso-di-n-propylamine

Concen: 18.145 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.14 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

Tgt Ion: 70 Resp: 149741

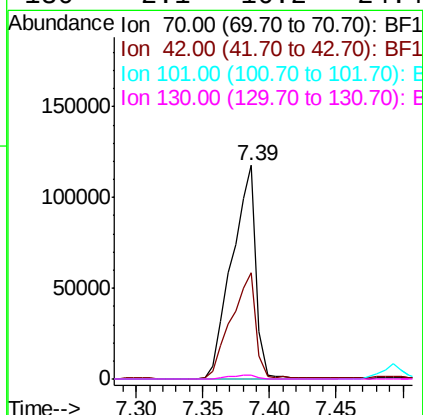
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.2

101 0.0 7.6 11.4#

130 2.1 16.2 24.4#

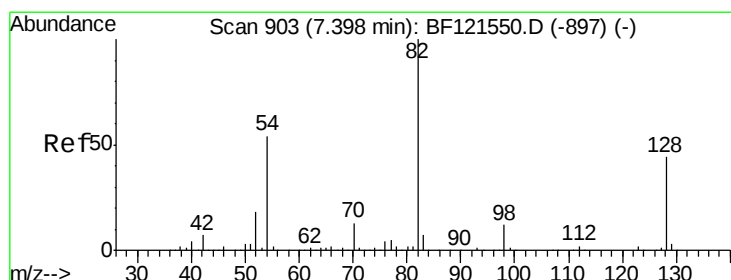
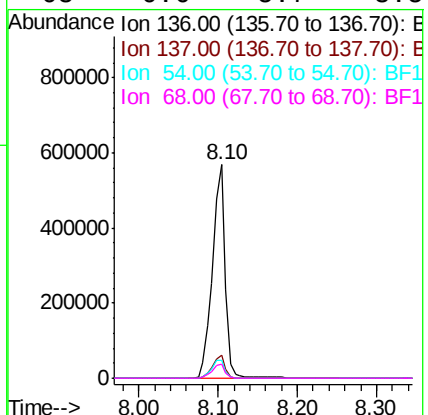
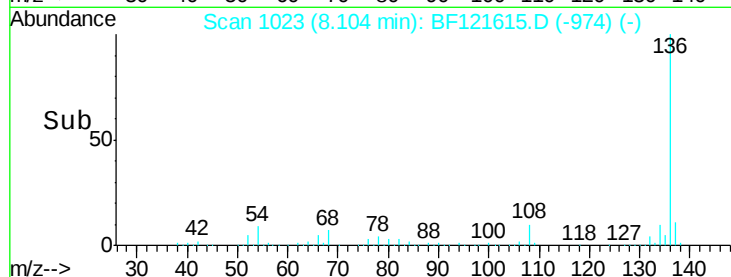
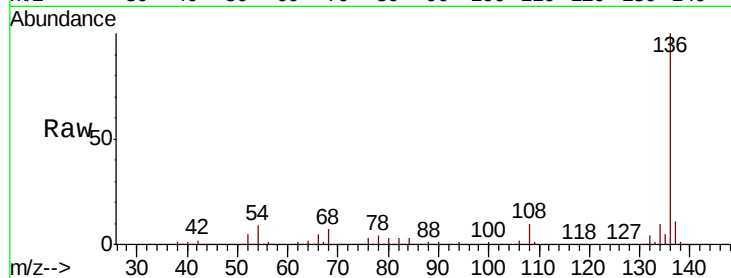




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

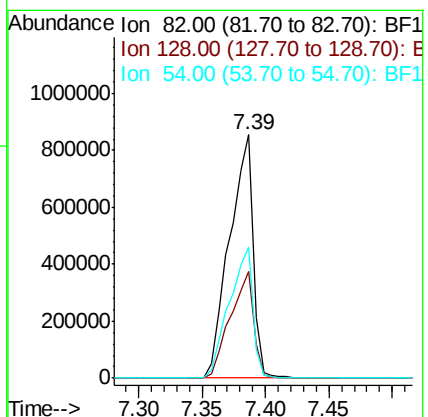
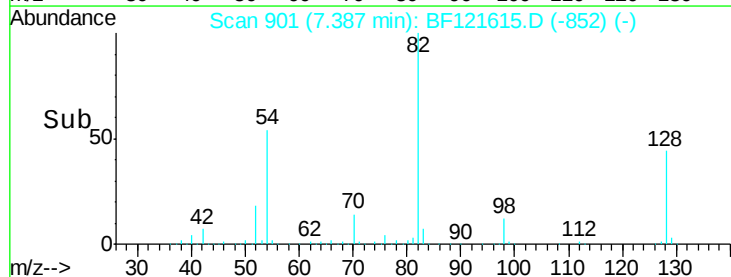
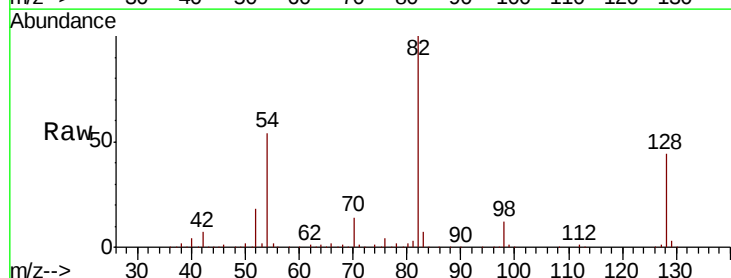
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

Tot Ion:136	Resp:	641504
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.0 13.6
54	8.7	7.6 11.4
68	6.6	5.7 8.5



#23
Nitrobenzene-d5
Concen: 92.431 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Tgt Ion: 82	Resp:	1104355
Ion Ratio	Lower	Upper
82	100	
128	43.7	35.1 52.7
54	53.9	43.0 64.6





#25

Isophorone

Concen: 44.701 ng

RT: 7.39 min Scan# 901

Delta R.T. -0.27 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-0-10

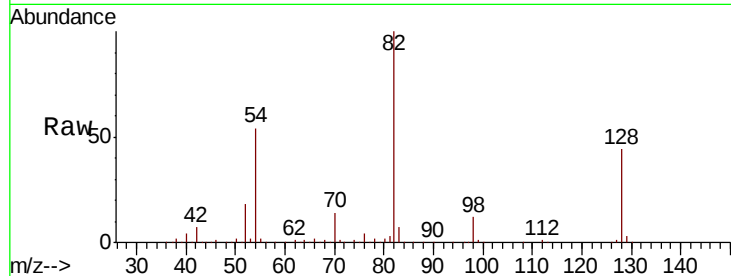
Tot Ion: 82 Resp: 1075107

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

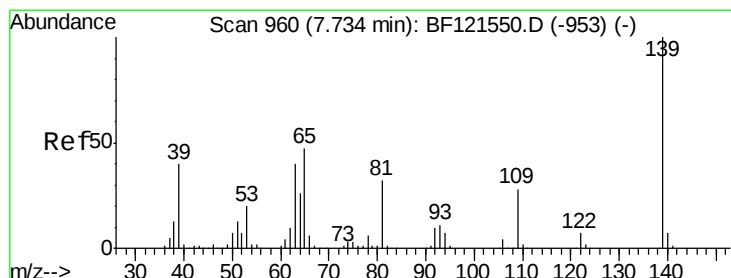
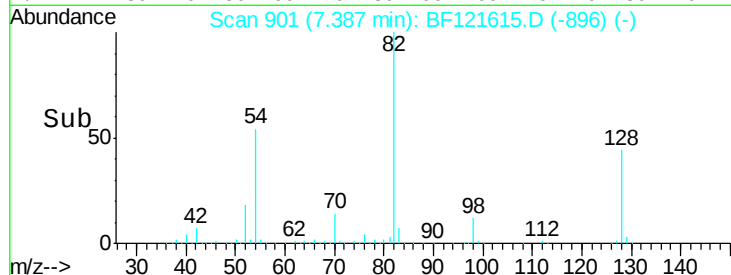
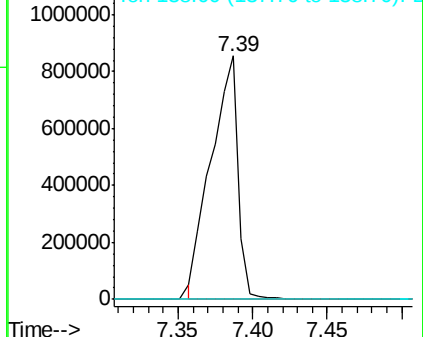
138 0.0 13.7 20.5#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 2.617 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.24 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

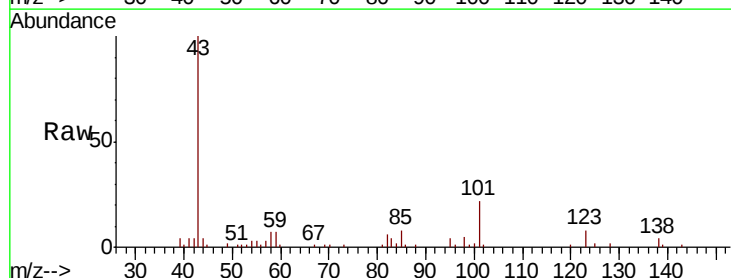
Tgt Ion: 139 Resp: 368

Ion Ratio Lower Upper

139 100

109 0.0 22.4 33.6#

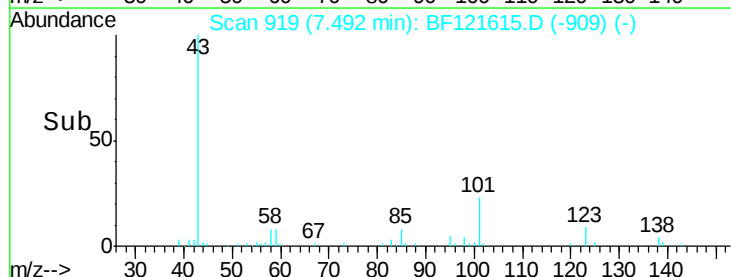
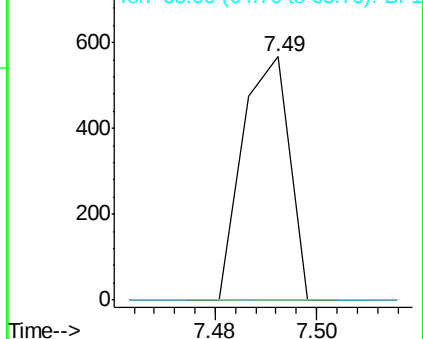
65 0.0 37.6 56.4#

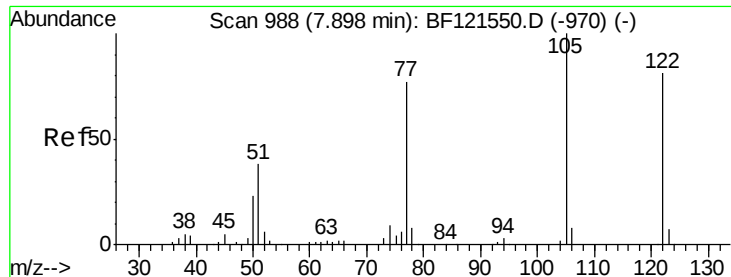


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

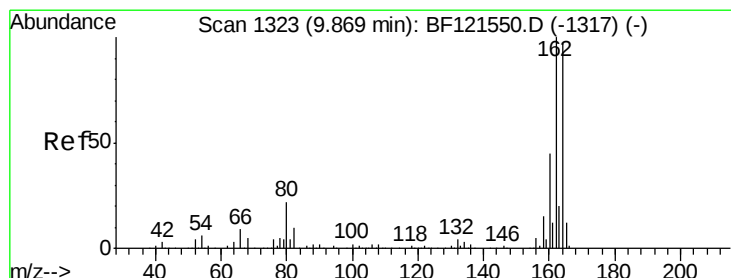
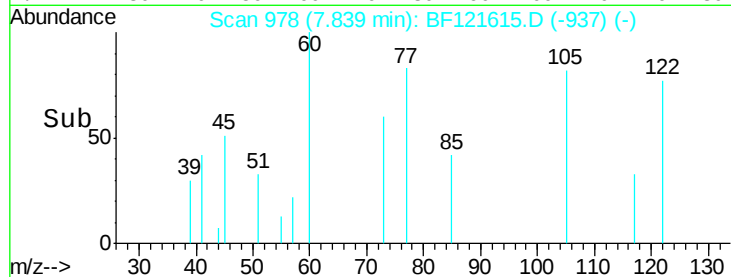
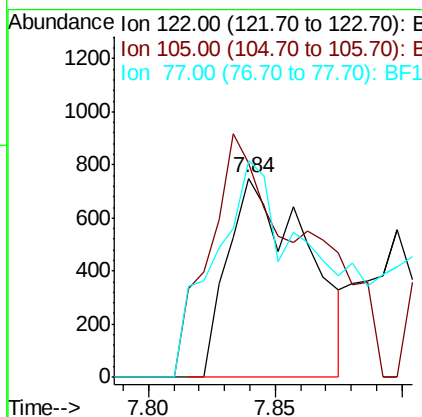
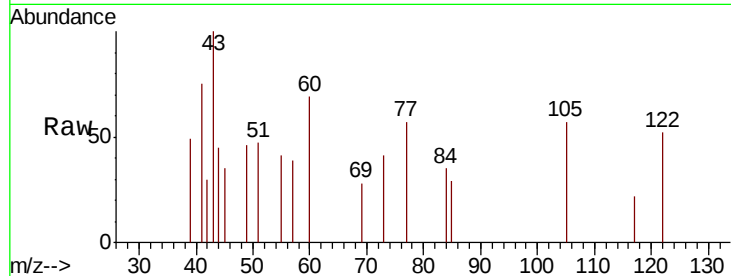




#32
Benzoic acid
Concen: 7.109 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.06 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

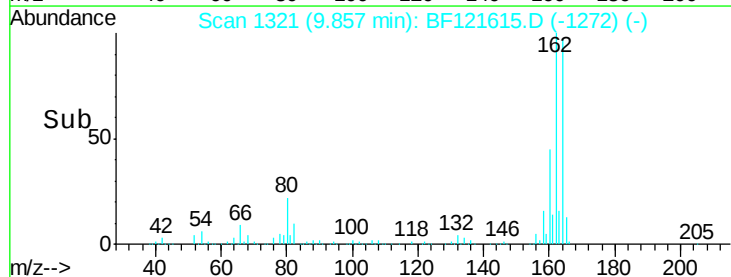
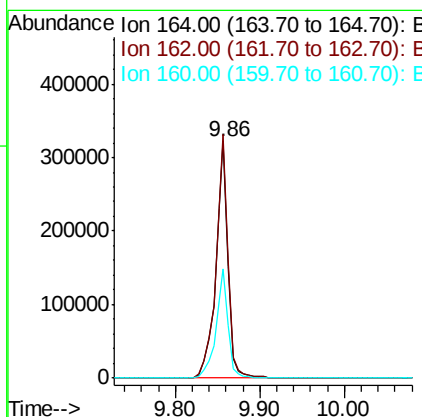
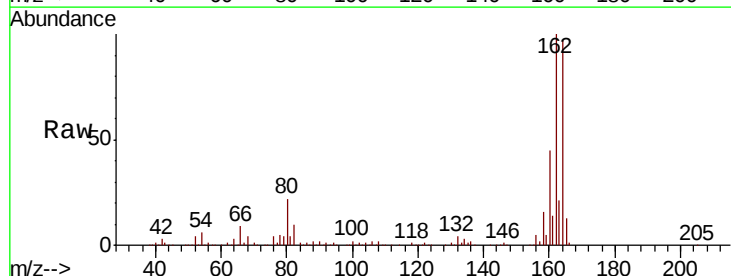
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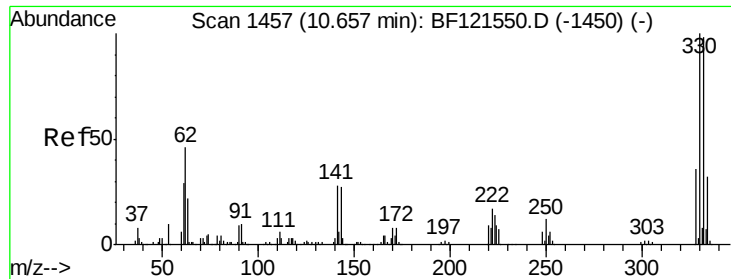
Tot Ion:122 Resp: 1625
Ion Ratio Lower Upper
122 100
105 107.7 100.5 140.5
77 108.7 72.6 112.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Tgt Ion:164 Resp: 333246
Ion Ratio Lower Upper
164 100
162 102.7 82.3 123.5
160 46.3 37.0 55.4

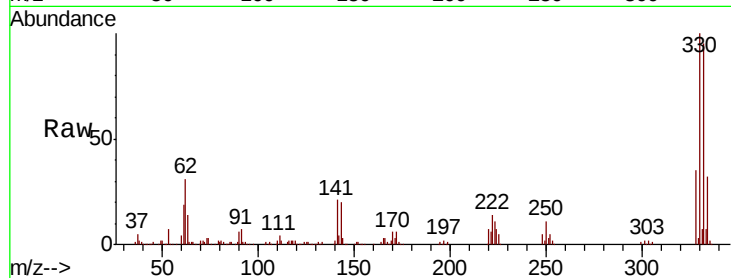




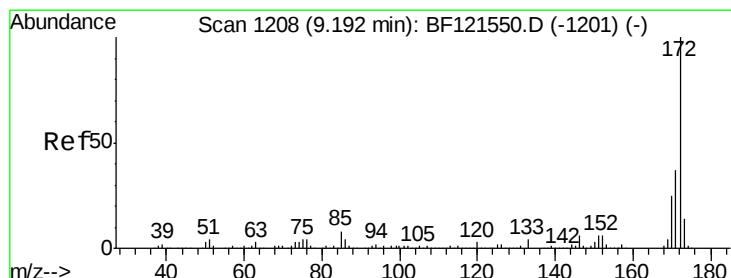
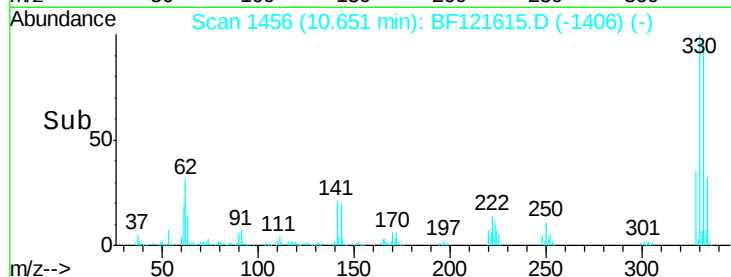
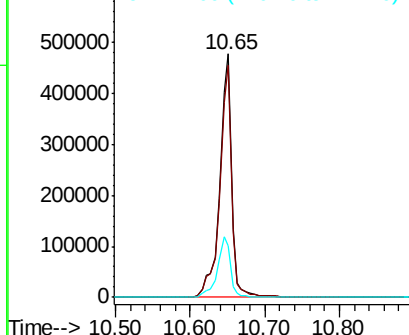
#42
 2,4,6-Tribromophenol
 Concen: 127.049 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-0-10

Tot Ion:330 Resp: 526210
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 27.3 23.6 35.4

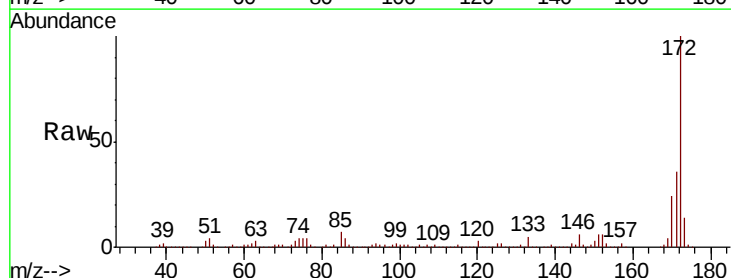


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

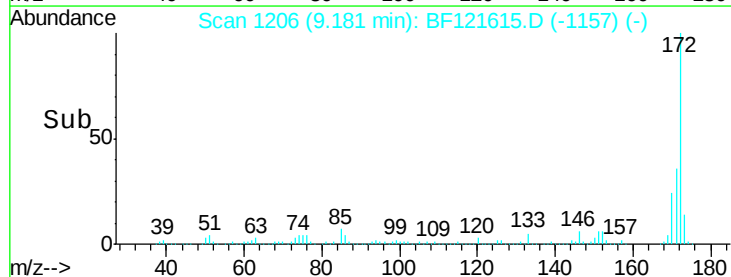
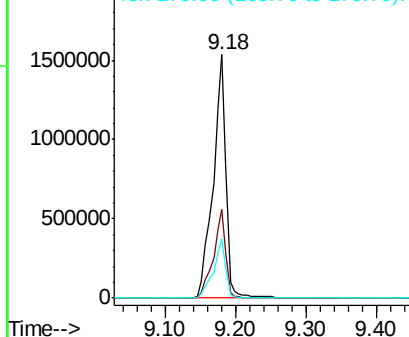


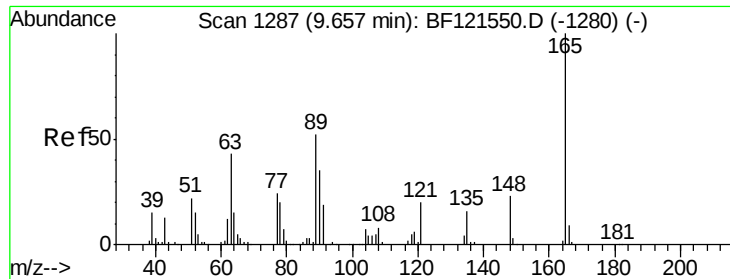
#45
 2-Fluorobiphenyl
 Concen: 88.302 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

Tgt Ion:172 Resp: 1942926
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 24.5 19.8 29.8



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

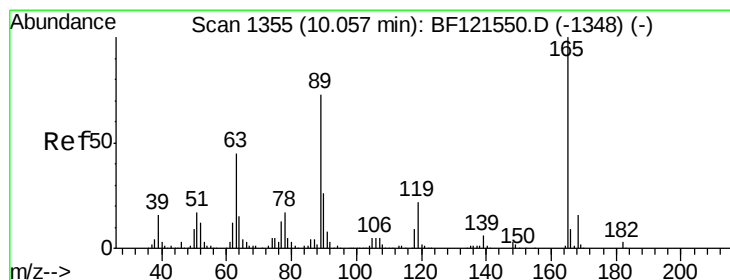
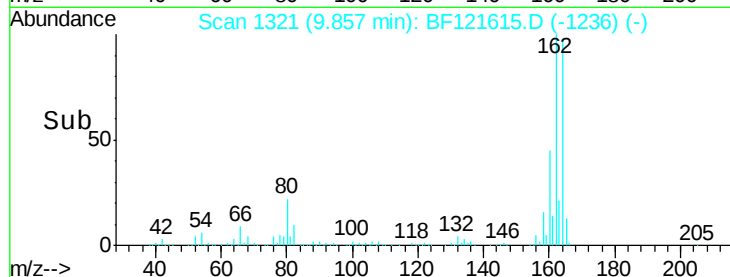
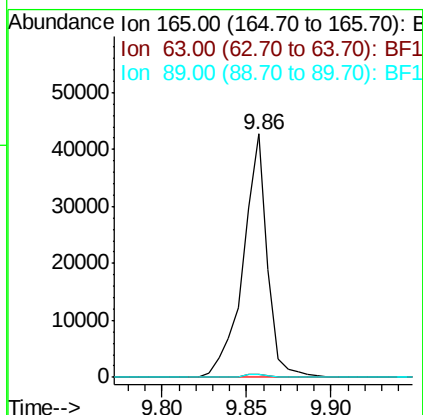
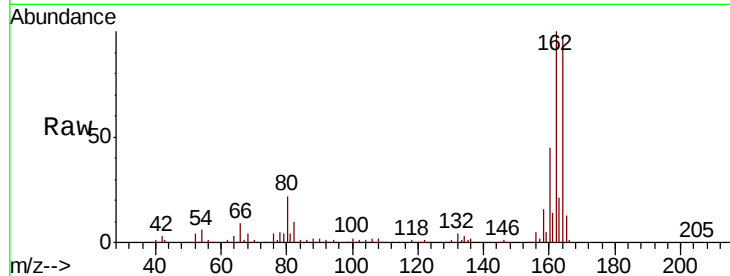




#51
 2,6-Dinitrotoluene
 Concen: 8.323 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.20 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

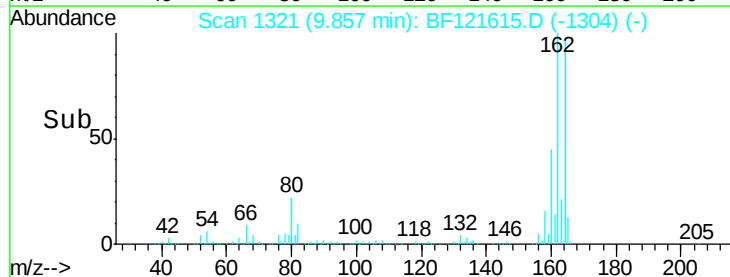
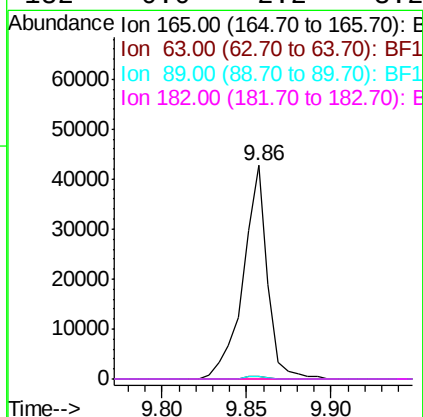
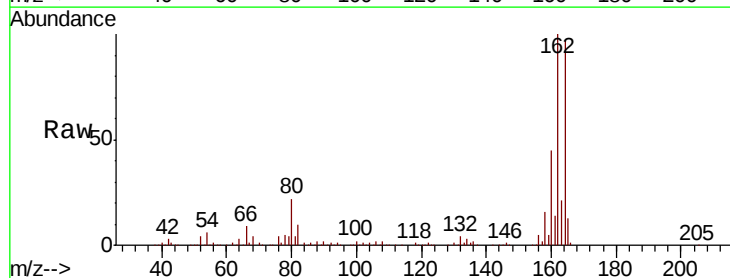
Instrument :
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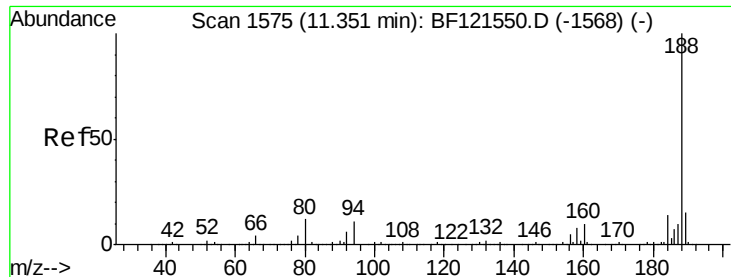
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.6	61.0#
89	1.2	41.8	62.8#



#57
 2,4-Dinitrotoluene
 Concen: 6.616 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.2	58.2	87.4#
182	0.0	2.2	3.2#

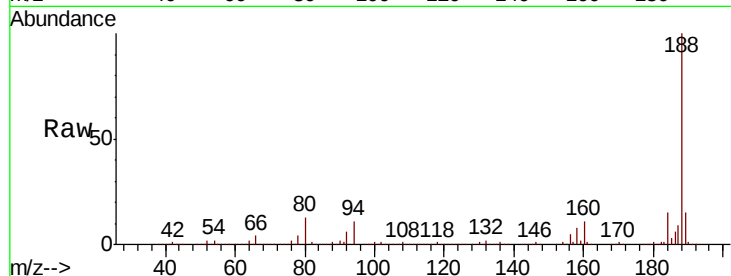




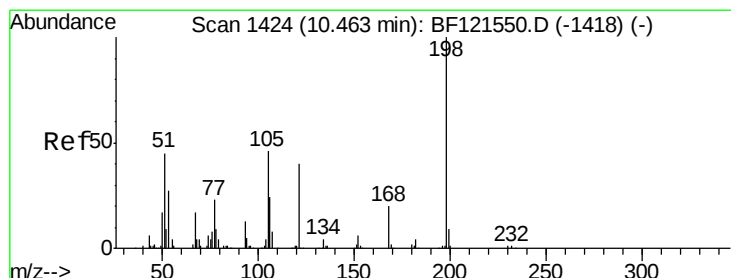
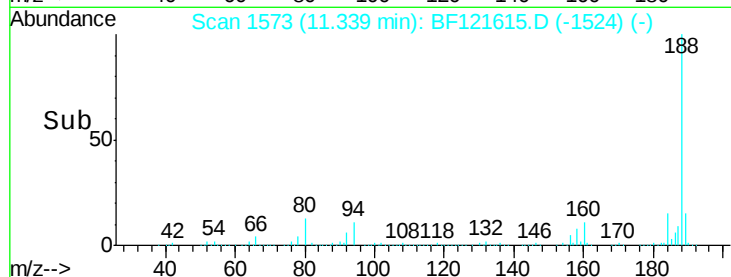
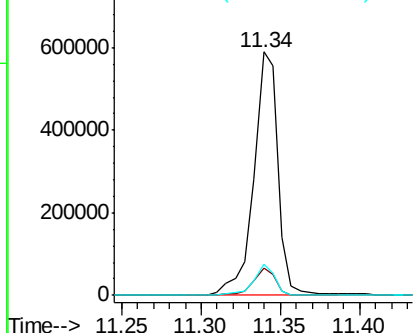
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

Tot Ion:188 Resp: 627812
Ion Ratio Lower Upper
188 100
94 11.4 8.7 13.1
80 12.6 9.3 13.9

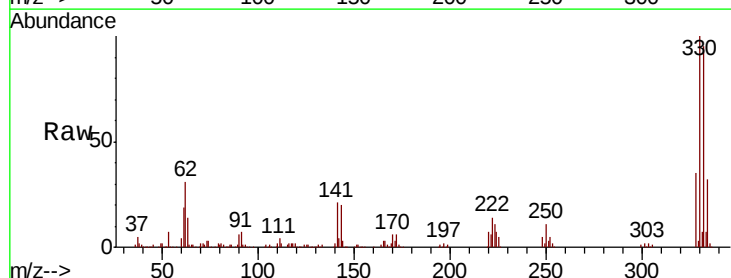


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

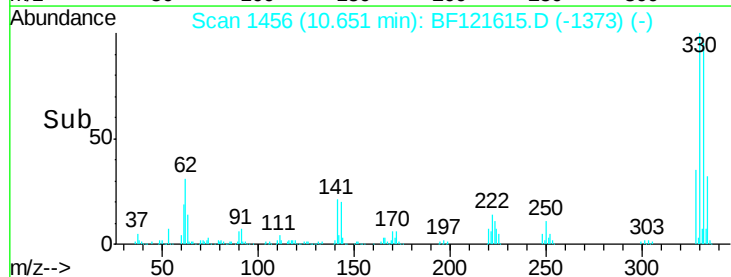
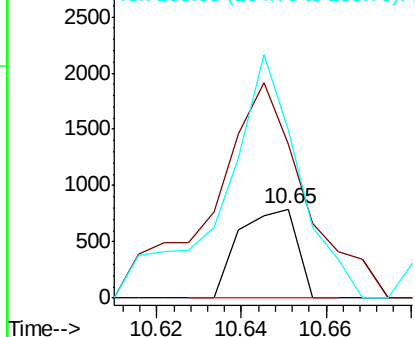


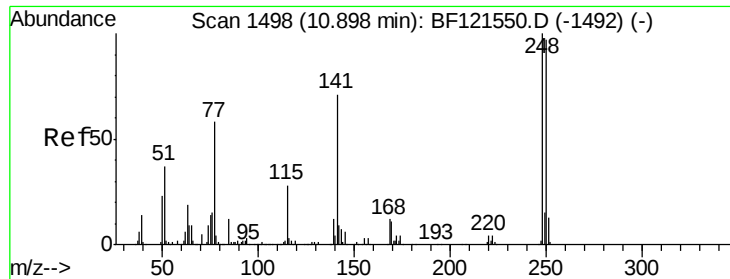
#65
4,6-Dinitro-2-methylphenol
Concen: 7.020 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.19 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Tgt Ion:198 Resp: 753
Ion Ratio Lower Upper
198 100
51 172.7 31.1 71.1#
105 188.6 26.6 66.6#



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

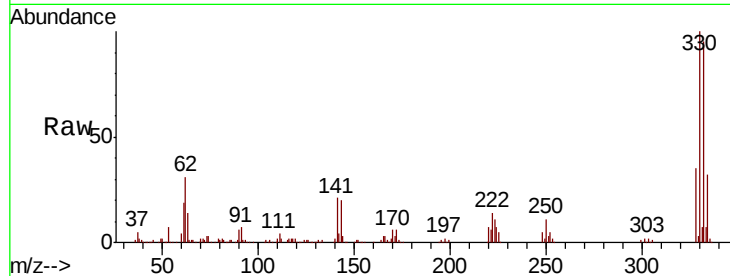




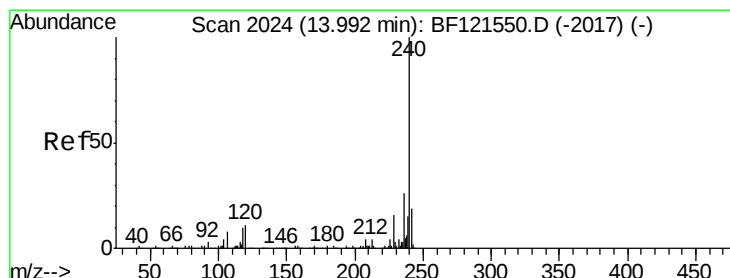
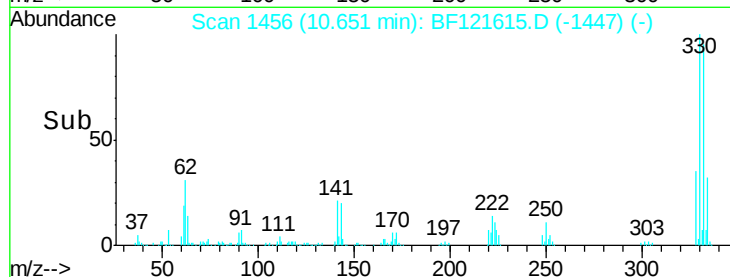
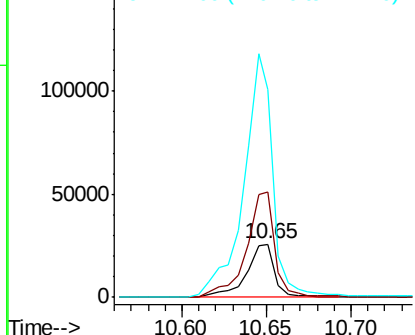
#67
4-Bromophenyl-phenylether
Concen: 4.225 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

Tot Ion:248 Resp: 30198
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.0#
141 390.4 56.7 85.1#

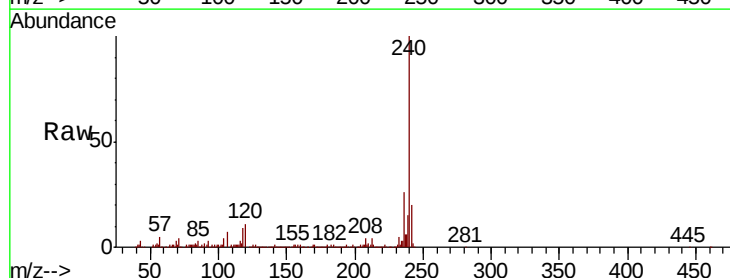


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

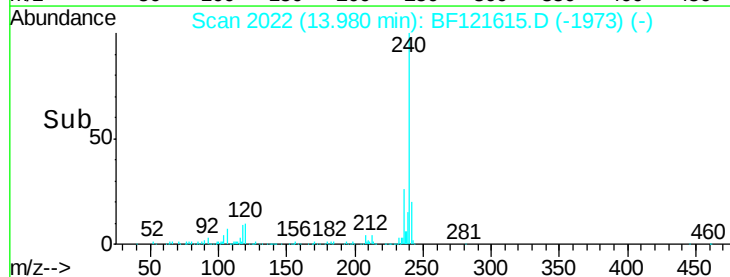
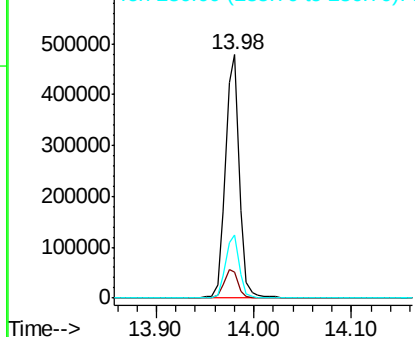


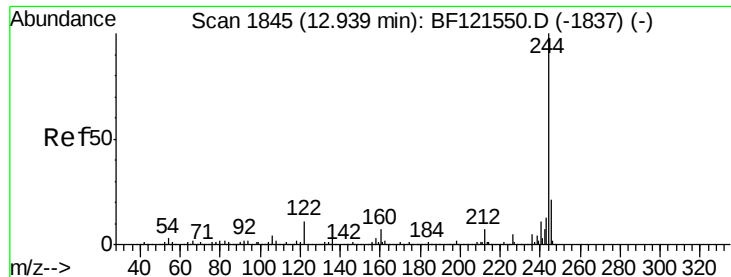
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Tgt Ion:240 Resp: 474668
Ion Ratio Lower Upper
240 100
120 10.6 9.2 13.8
236 26.1 20.5 30.7



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





#79

Terphenyl-d14

Concen: 85.603 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-0-10

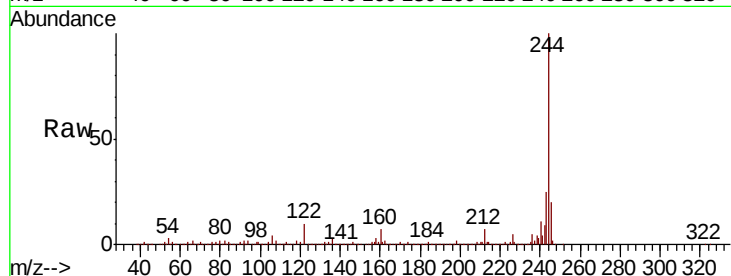
Tot Ion:244 Resp: 2005682

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

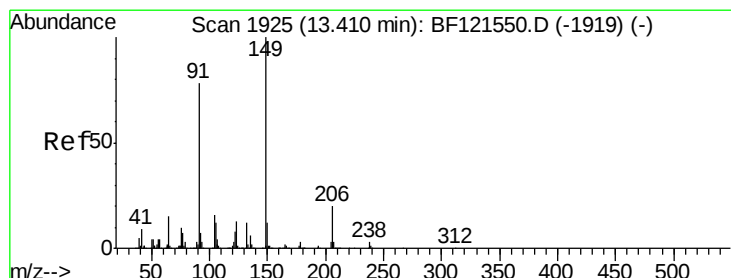
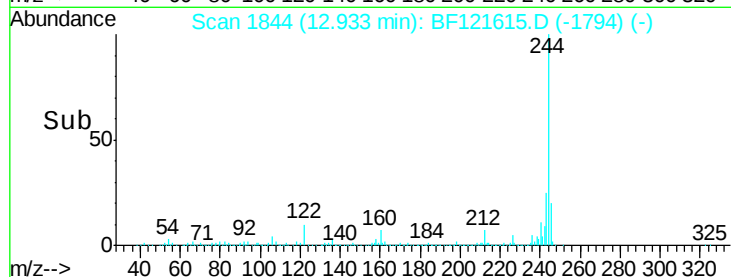
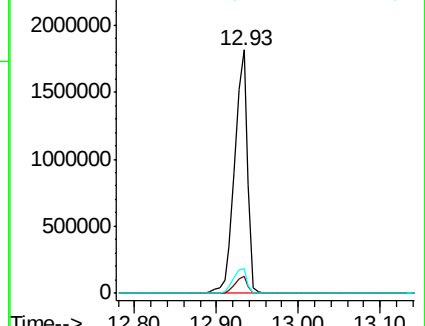
122 10.2 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 2.207 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.06 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

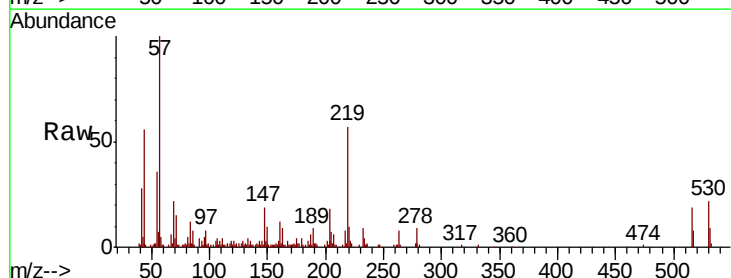
Tgt Ion:149 Resp: 30962

Ion Ratio Lower Upper

149 100

91 37.6 62.6 94.0#

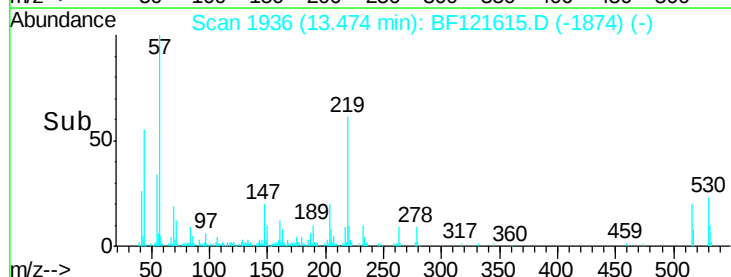
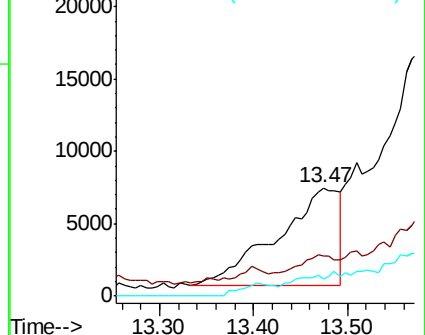
206 15.4 15.8 23.6#

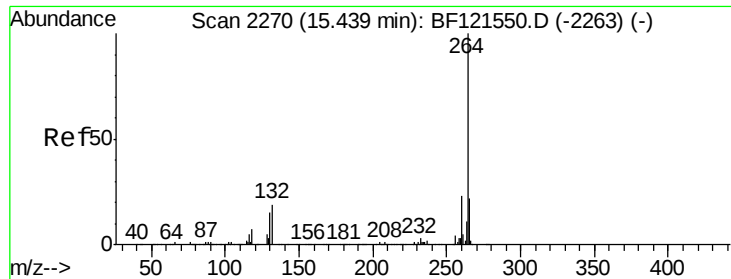


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.2	18.8	28.2	
265	21.1	17.8	26.6	

