

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092120\
 Data File : BF121631.D
 Acq On : 21 Sep 2020 17:35
 Operator : JU/CG
 Sample : L4059-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B33-091720-10-19

Quant Time: Sep 21 18:58:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 21 14:19:01 2020
 Response via : Initial Calibration

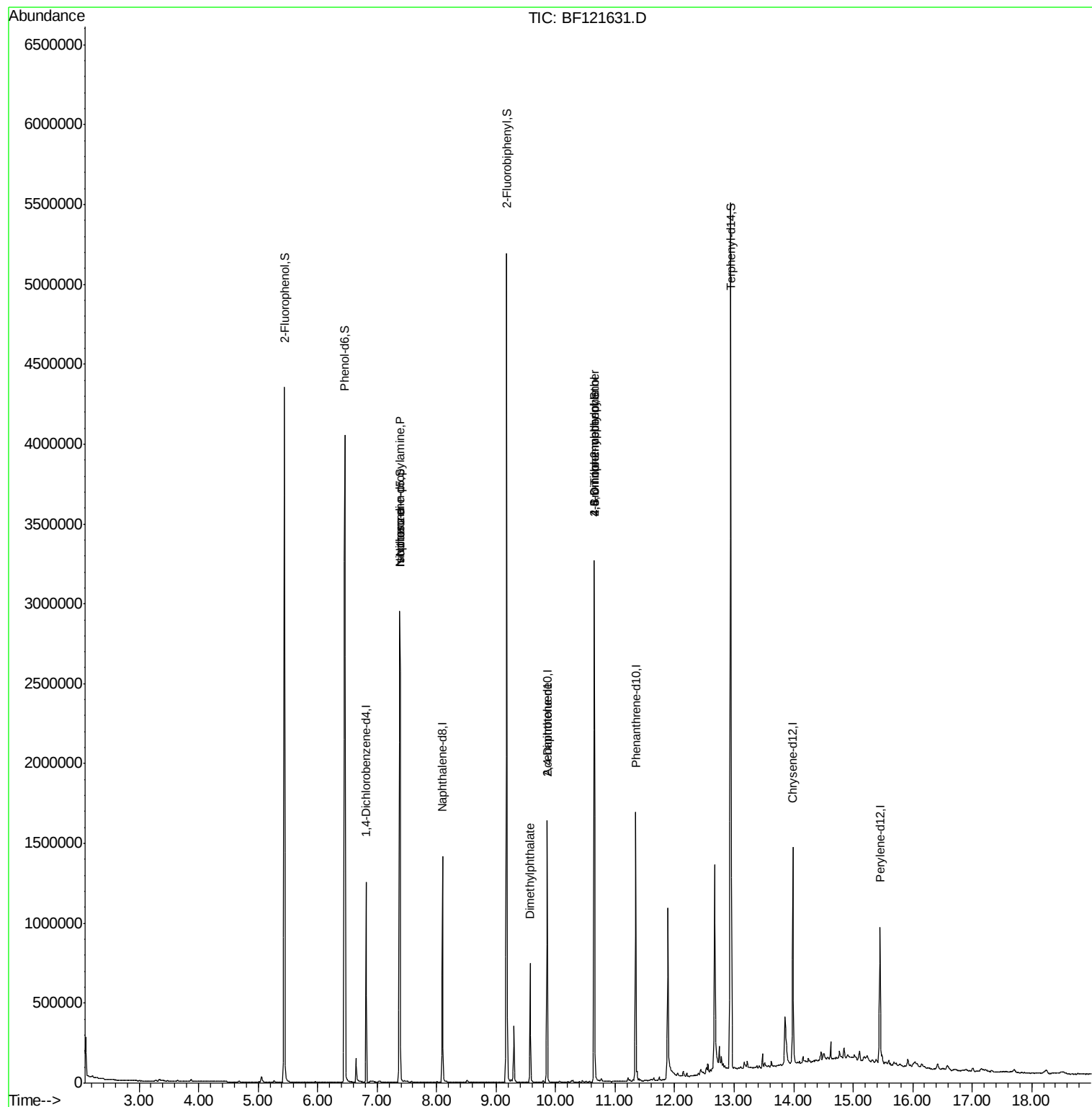
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	162619	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	632037	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	330433	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	621609	20.00	ng	0.00
76) Chrysene-d12	13.99	240	482125	20.00	ng	-0.01
86) Perylene-d12	15.45	264	384315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1268735	115.95	ng	0.01
7) Phenol-d6	6.46	99	1657731	115.47	ng	0.00
23) Nitrobenzene-d5	7.38	82	1163806	98.87	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	437429	106.51	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	1950880	89.42	ng	0.00
79) Terphenyl-d14	12.94	244	2040593	85.75	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	156736	18.944	ng	# 81
25) Isophorone	7.38	82	1158489	48.889	ng	# 67
50) Dimethylphthalate	9.57	163	292257	12.203	ng	100
57) 2,4-Dinitrotoluene	9.86	165	41793	6.513	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.65	198	808	7.034	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	24875	3.515	ng	# 1

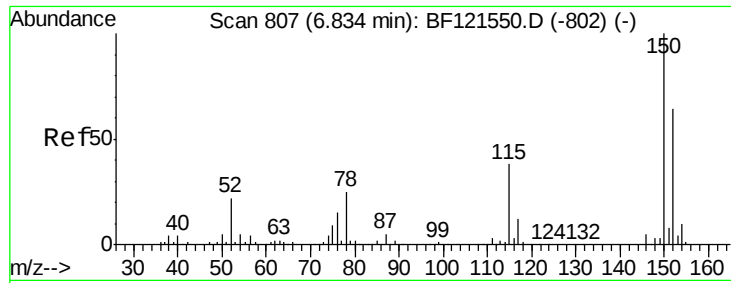
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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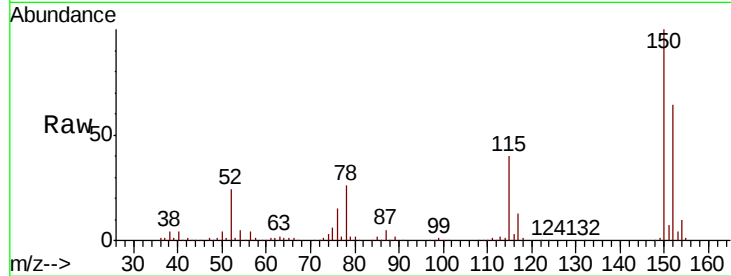


#1

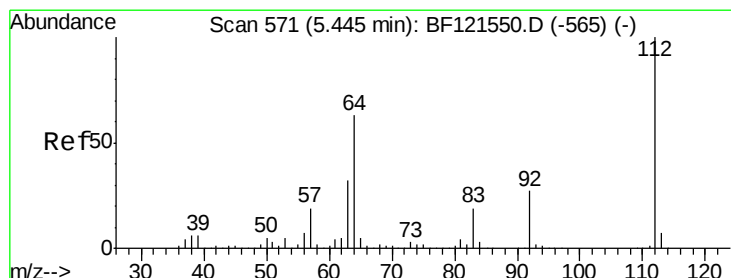
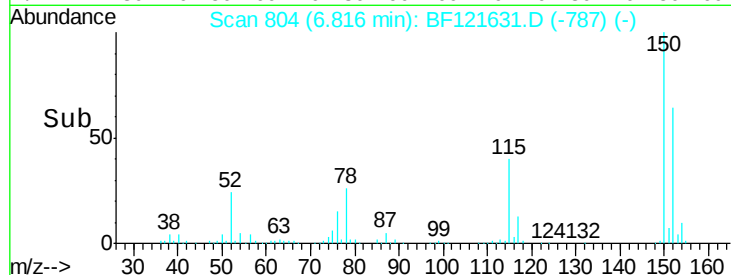
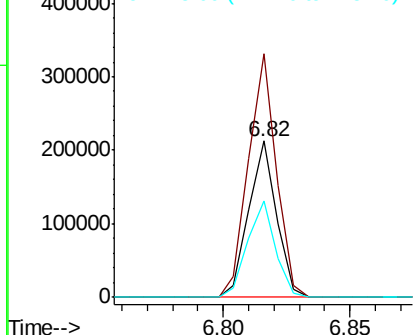
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion:152 Resp: 162619
Ion Ratio Lower Upper
152 100
150 155.7 128.1 192.1
115 62.1 52.6 79.0



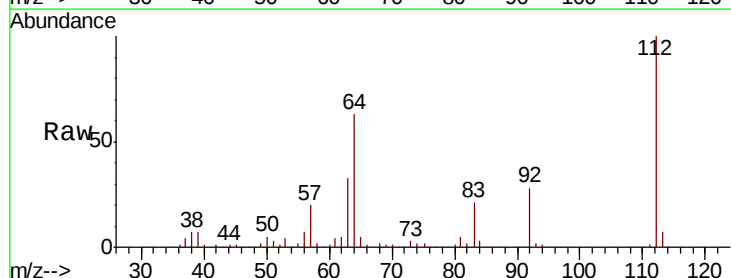
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



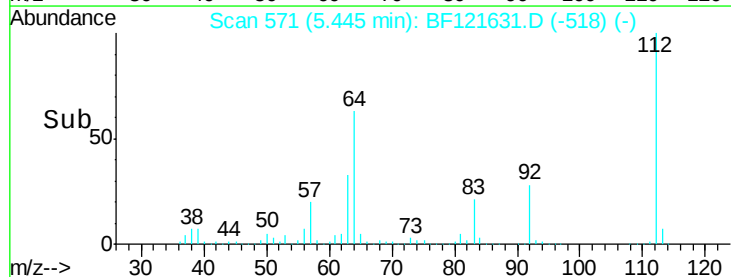
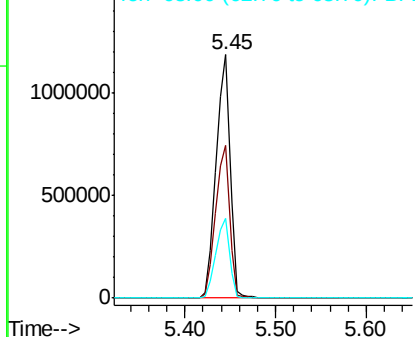
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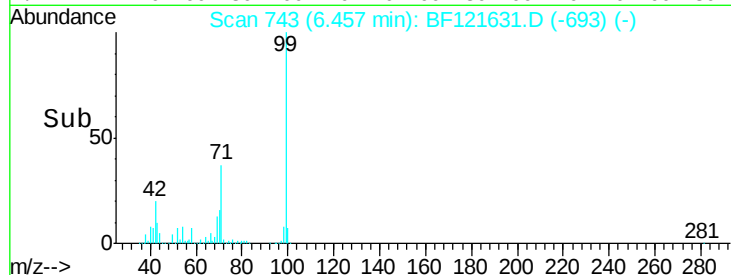
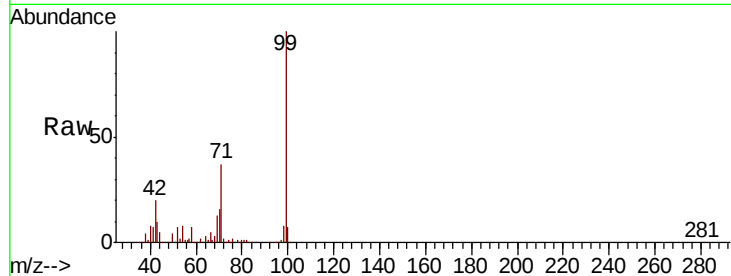
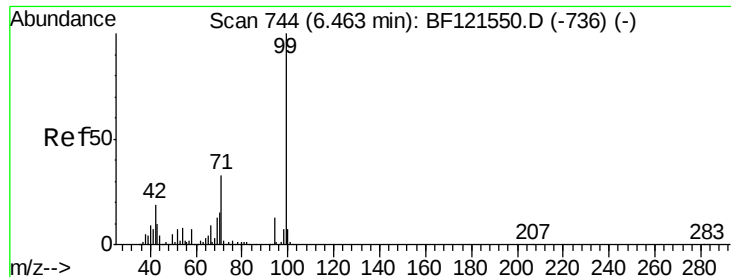
2-Fluorophenol
Concen: 115.946 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion:112 Resp: 1268735
Ion Ratio Lower Upper
112 100
64 63.0 52.2 78.2
63 32.7 26.6 39.8



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: 115.474 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Instrument :

BNA_F

ClientSampleId :

PAV-B33-091720-10-19

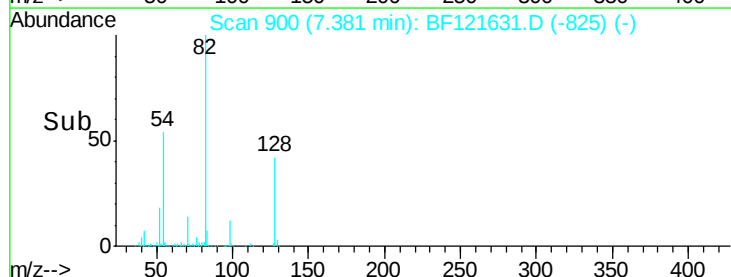
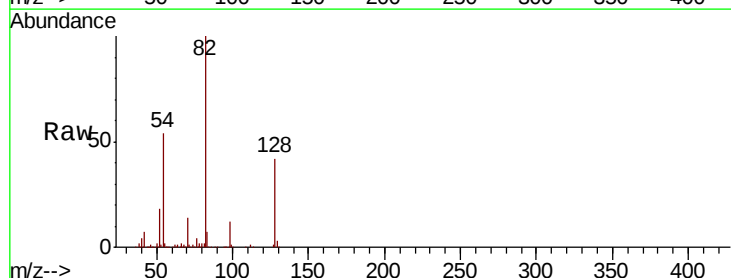
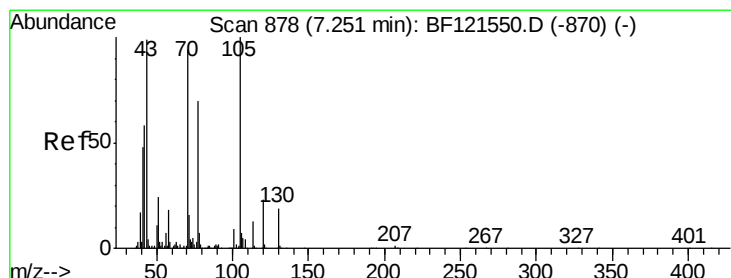
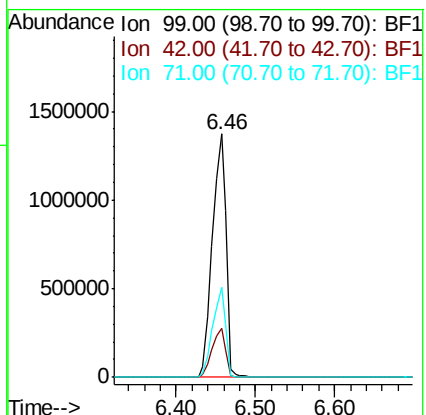
Tot Ion: 99 Resp: 1657731

Ion Ratio Lower Upper

99 100

42 20.4 15.5 23.3

71 37.1 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.944 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.14 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Tgt Ion: 70 Resp: 156736

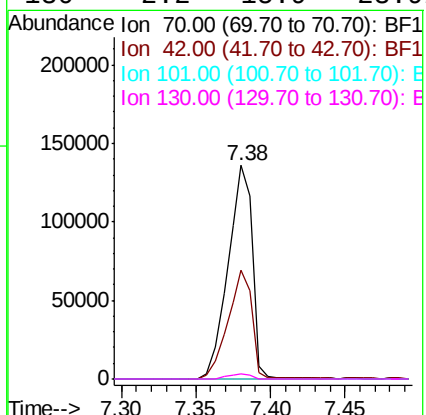
Ion Ratio Lower Upper

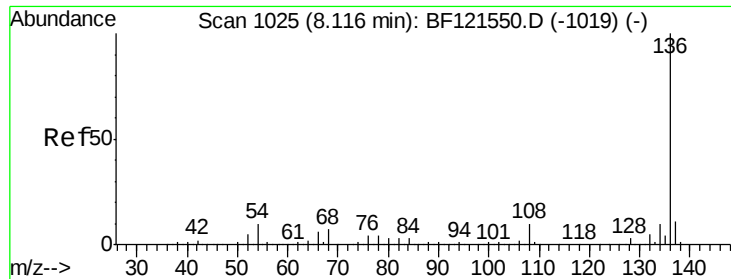
70 100

42 51.2 48.3 72.5

101 0.0 7.6 11.4#

130 2.2 15.9 23.9#

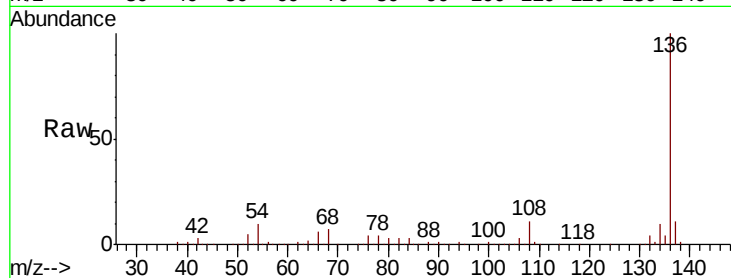




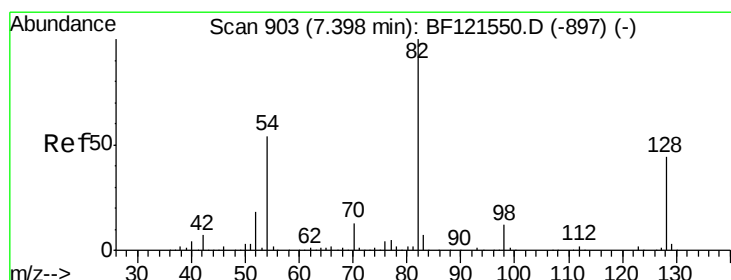
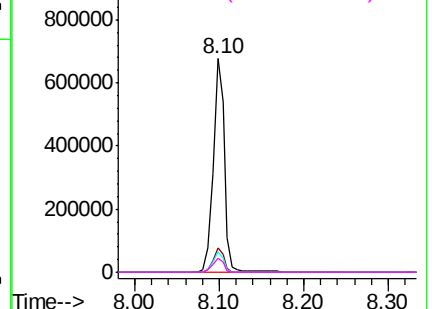
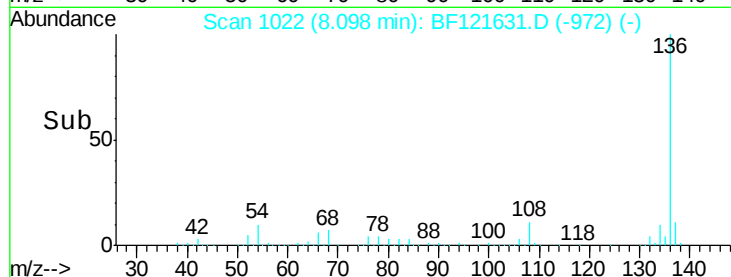
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion:136	Resp: 632037
Ion Ratio	Lower Upper
136 100	
137 11.2	8.9 13.3
54 9.8	7.4 11.0
68 6.6	5.3 7.9

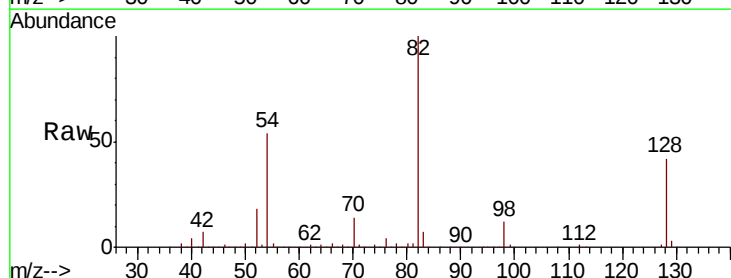


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

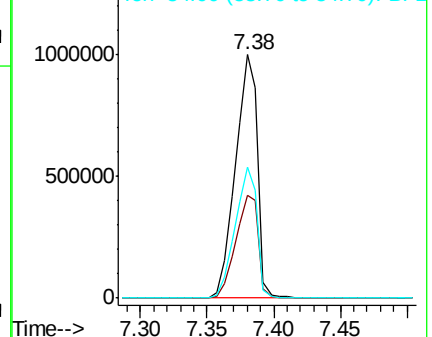
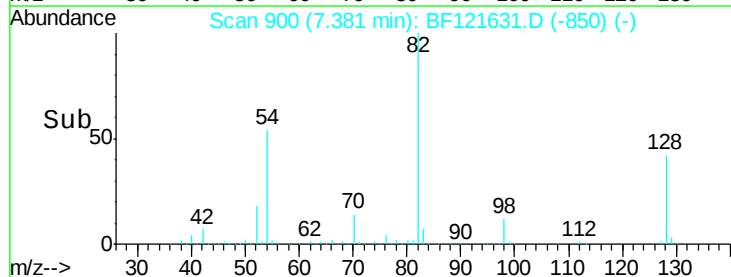


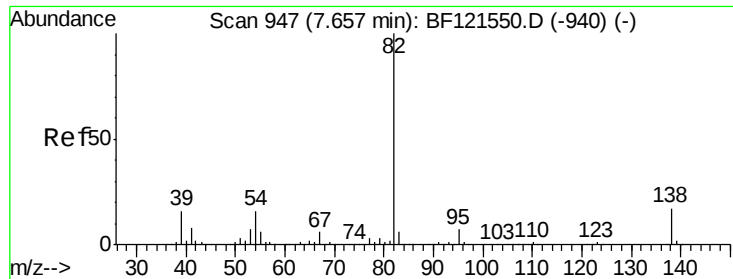
#23
Nitrobenzene-d5
Concen: 98.866 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion: 82	Resp: 1163806
Ion Ratio	Lower Upper
82 100	
128 42.4	33.9 50.9
54 54.0	42.9 64.3



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

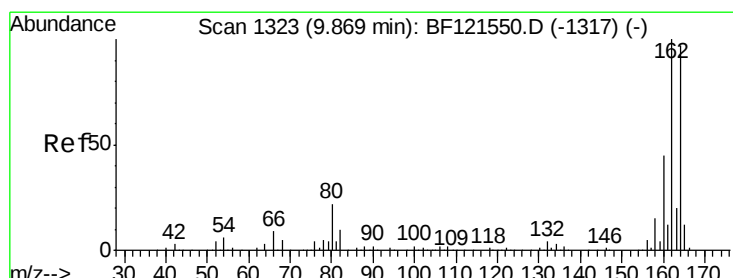
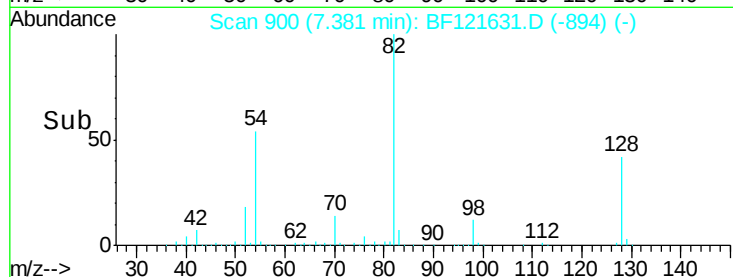
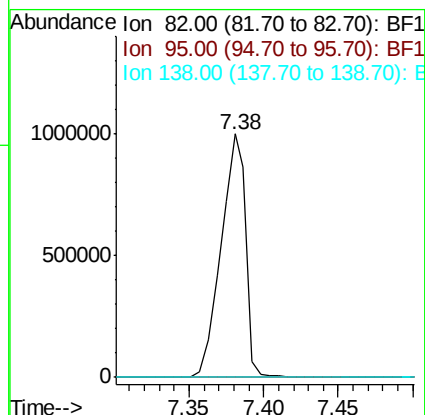
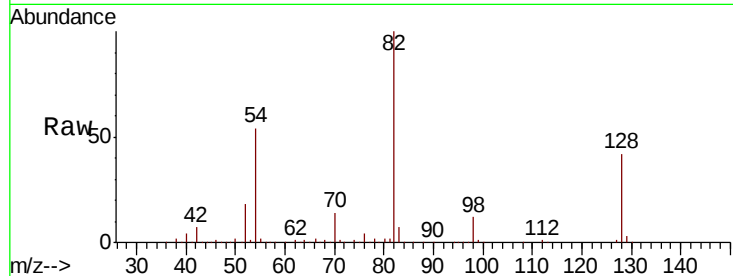




#25
Isophorone
Concen: 48.889 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.26 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

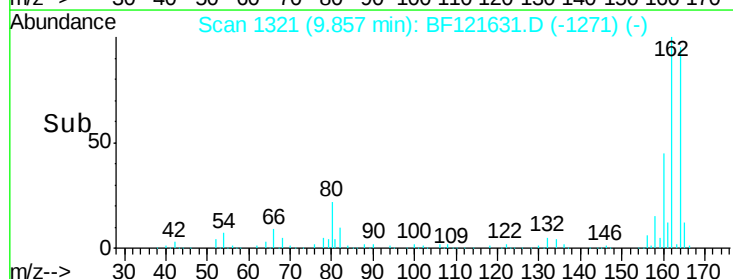
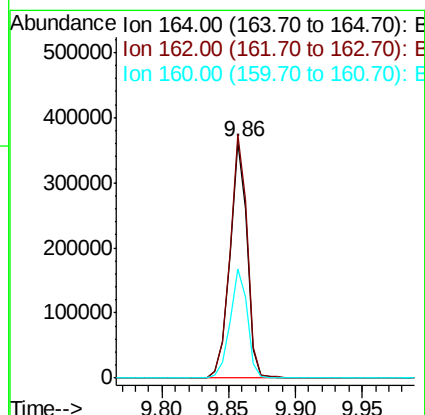
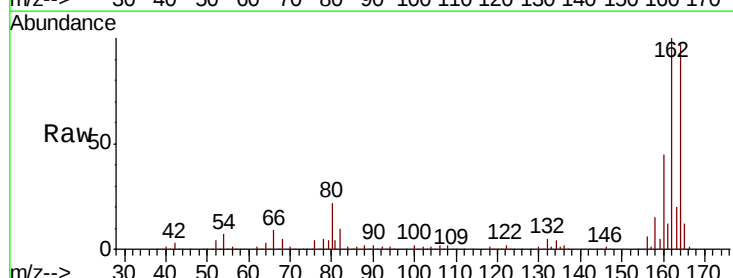
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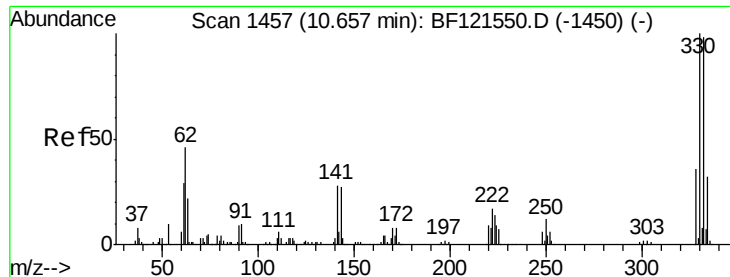
Tot Ion: 82 Resp: 1158489
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion: 164 Resp: 330433
Ion Ratio Lower Upper
164 100
162 103.0 81.2 121.8
160 46.2 36.2 54.4

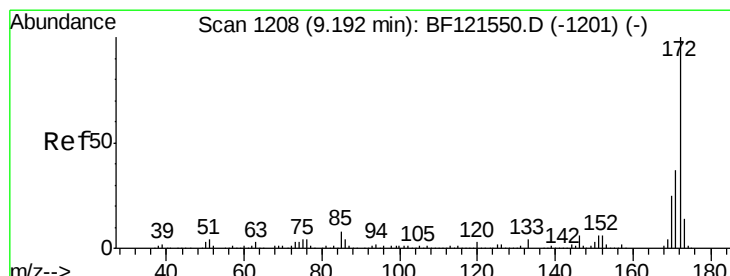
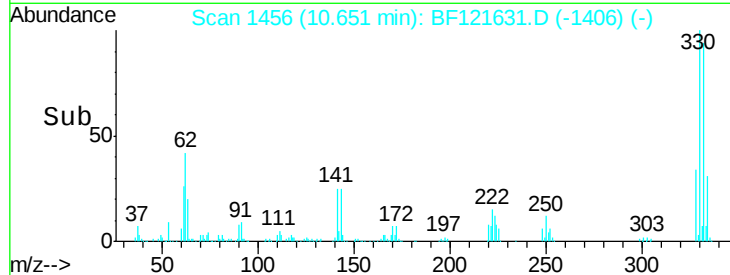
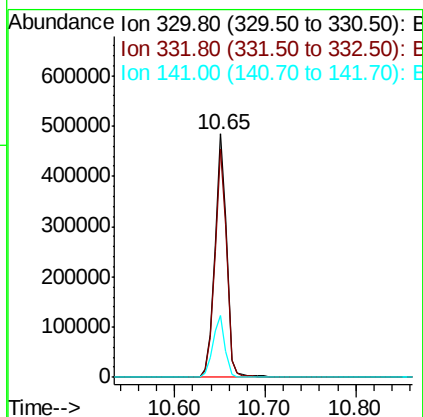
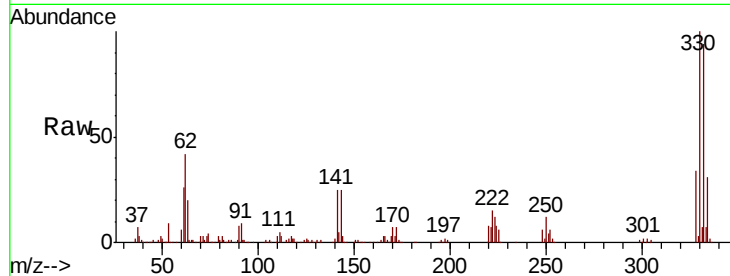




#42
 2,4,6-Tribromophenol
 Concen: 106.512 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

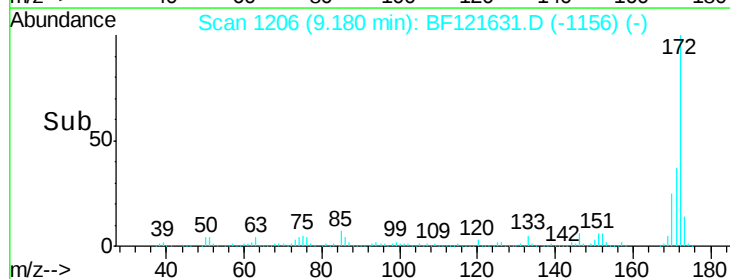
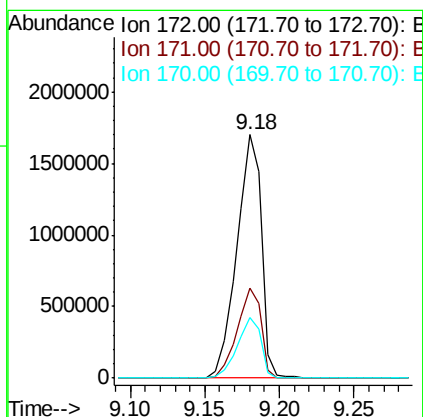
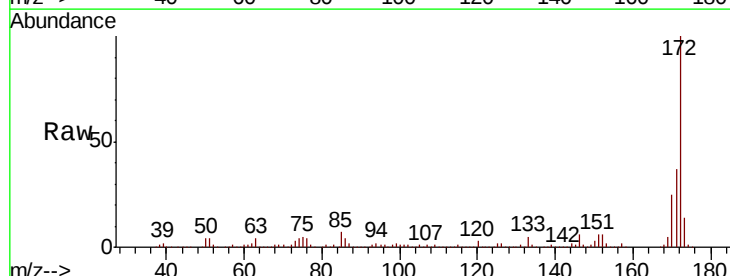
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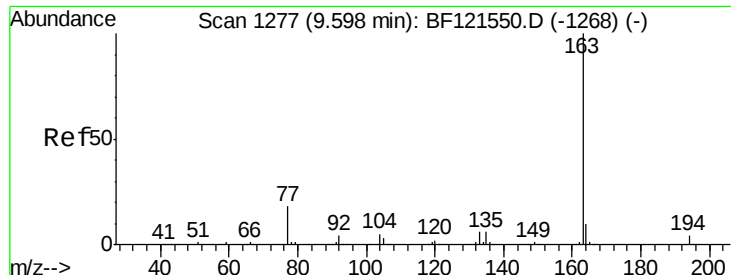
Tot Ion:330 Resp: 437429
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.9 115.3
 141 26.4 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 89.418 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121631.D
 Acq: 21 Sep 2020 17:35

Tgt Ion:172 Resp: 1950880
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.3 43.9
 170 24.9 19.5 29.3

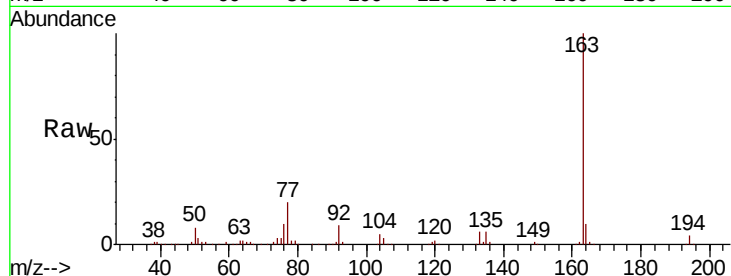




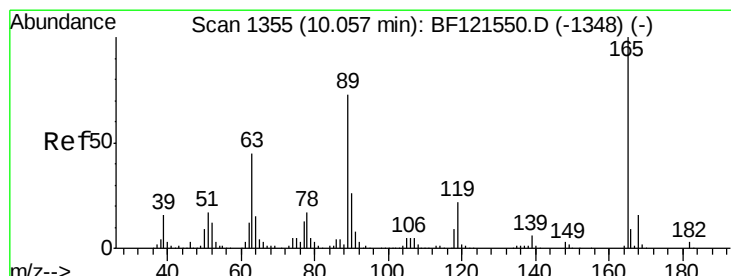
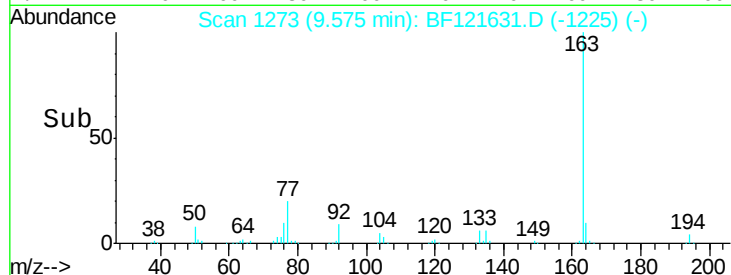
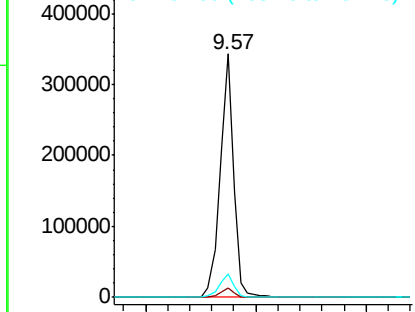
#50
Dimethylphthalate
Concen: 12.203 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.9	8.0	12.0

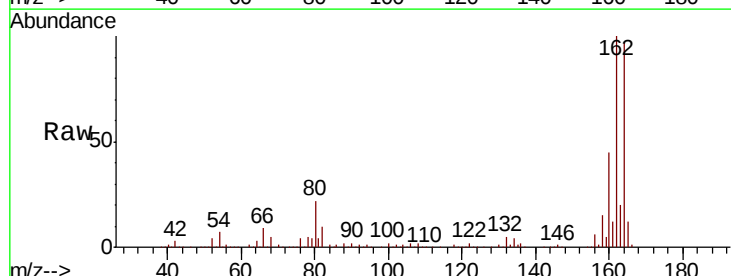


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

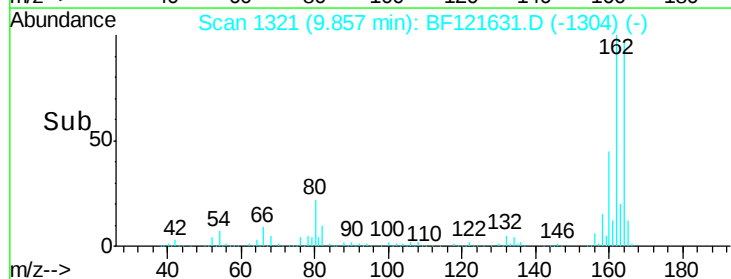
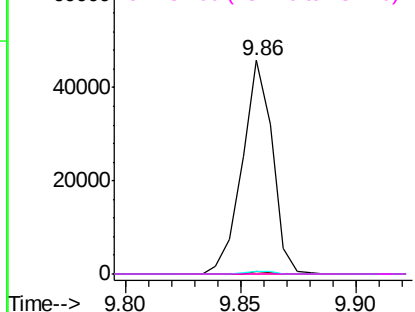


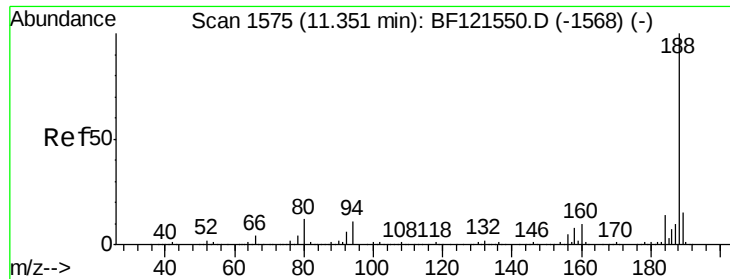
#57
2,4-Dinitrotoluene
Concen: 6.513 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.20 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.3	57.7	86.5#
182	0.0	2.1	3.1#



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

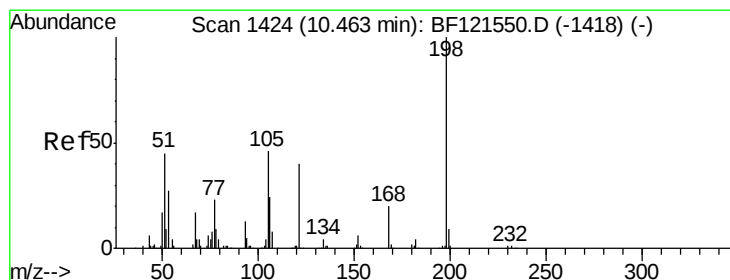
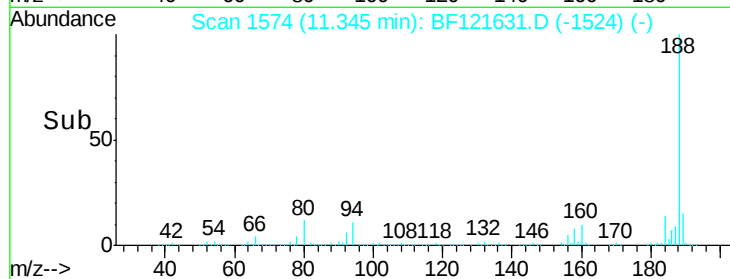
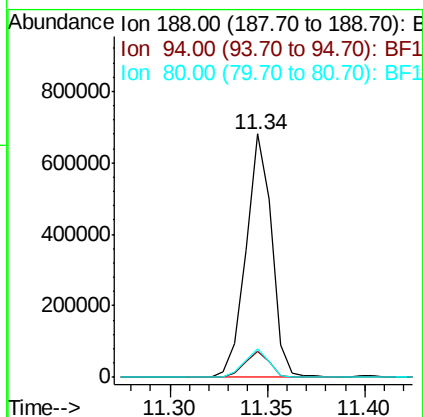
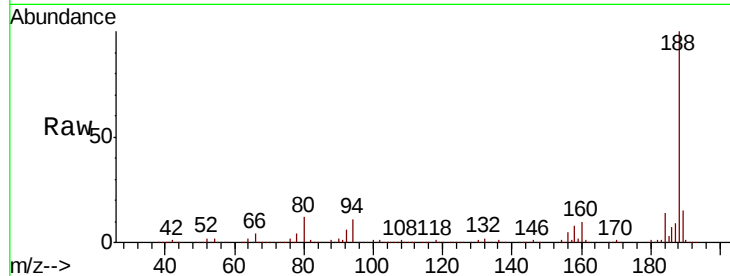




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

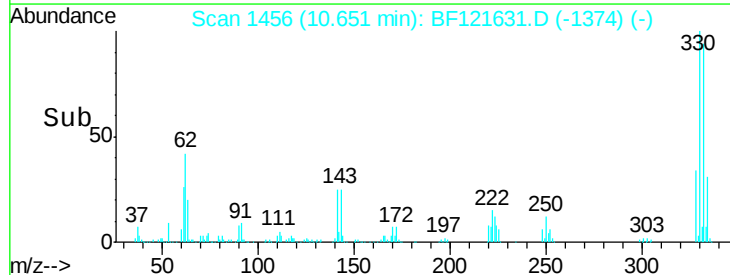
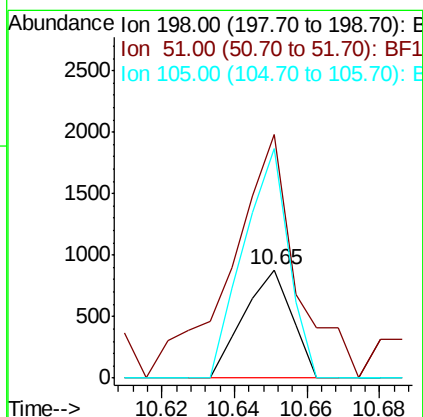
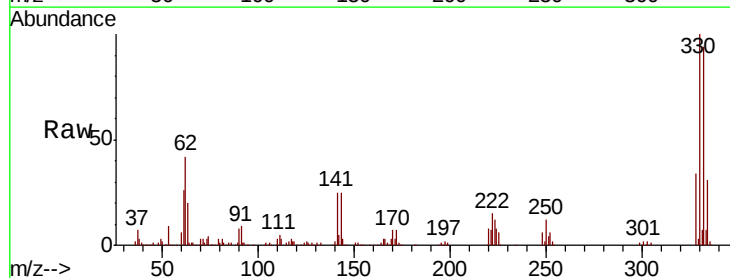
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

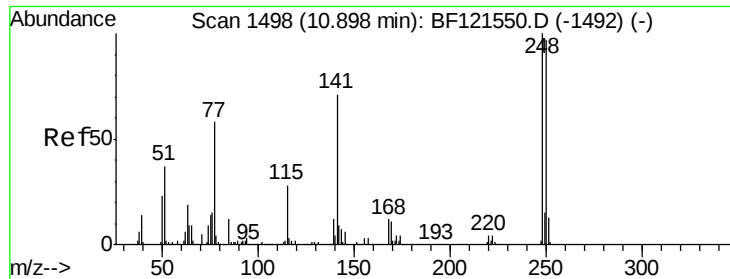
Tot Ion:188 Resp: 621609
Ion Ratio Lower Upper
188 100
94 10.9 8.4 12.6
80 11.9 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 7.034 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.18 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion:198 Resp: 808
Ion Ratio Lower Upper
198 100
51 225.3 20.3 60.3#
105 212.9 20.2 60.2#

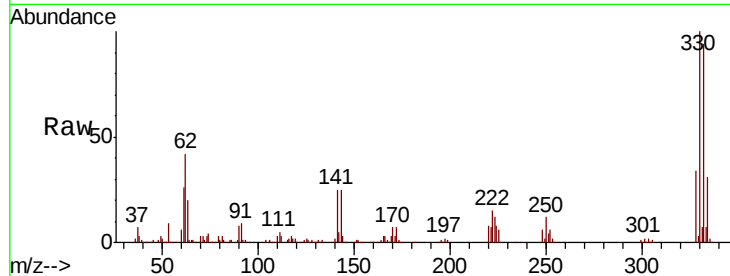




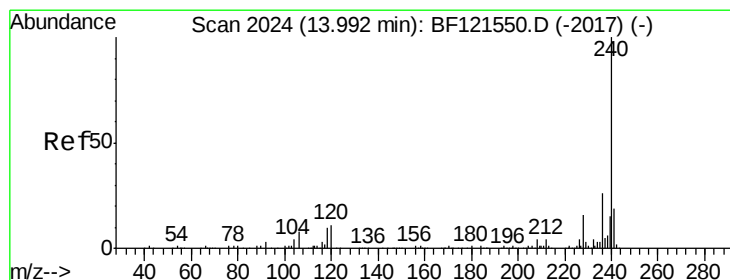
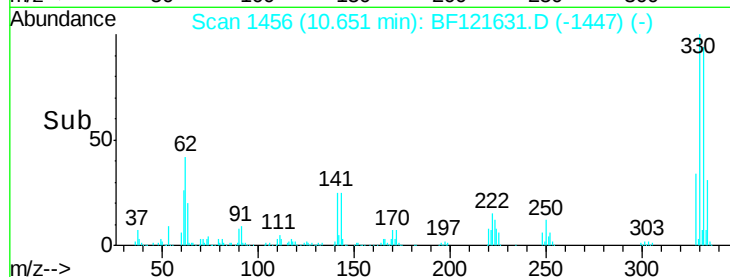
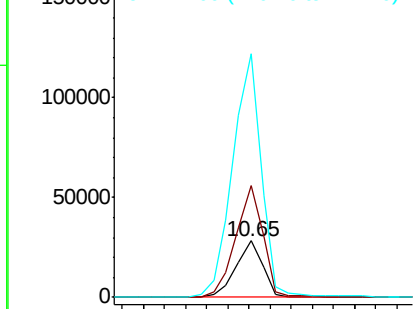
#67
4-Bromophenyl-phenylether
Concen: 3.515 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-10-19

Tot Ion:248 Resp: 24875
Ion Ratio Lower Upper
248 100
250 199.0 79.4 119.0#
141 433.6 52.2 78.4#

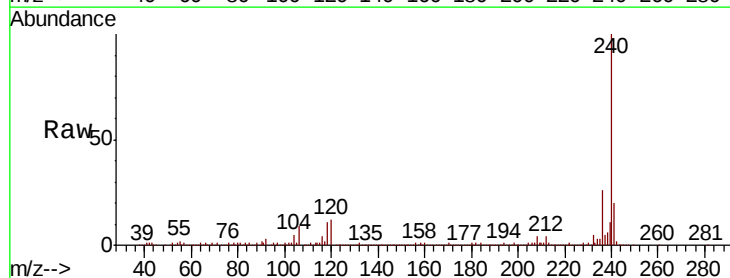


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

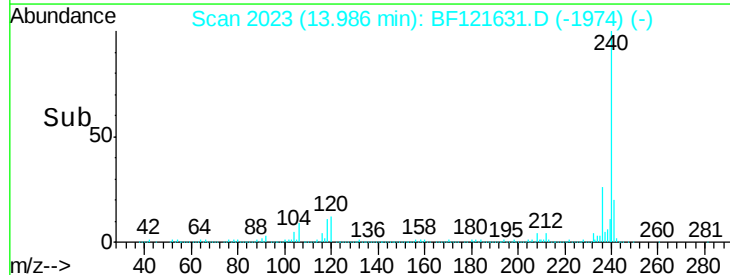
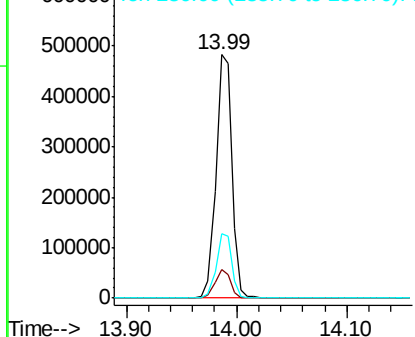


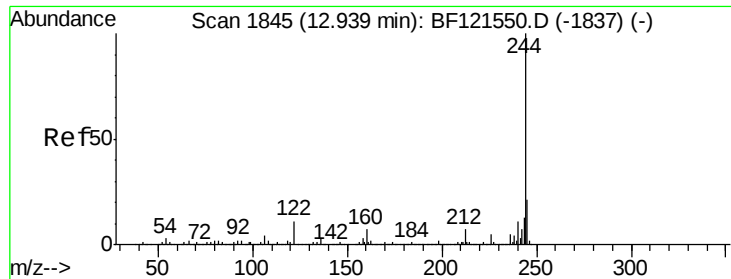
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121631.D
Acq: 21 Sep 2020 17:35

Tgt Ion:240 Resp: 482125
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.3 20.4 30.6



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: 85.746 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.00 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Instrument :

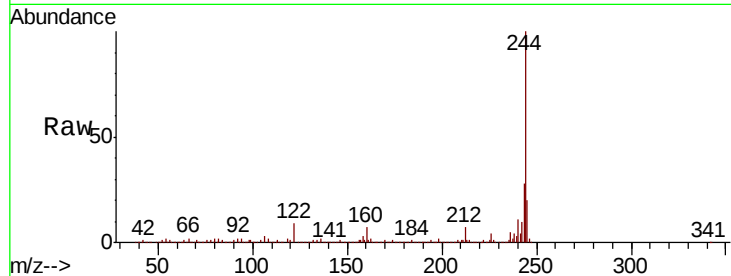
BNA_F

ClientSampleId :

PAV-B33-091720-10-19

Tot Ion:244 Resp: 2040593

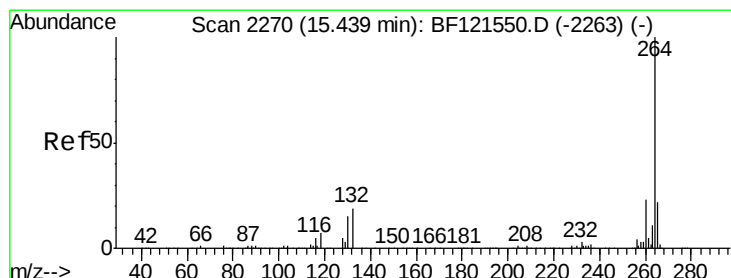
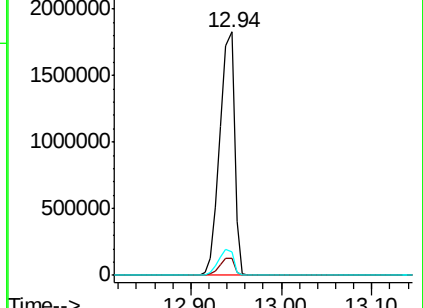
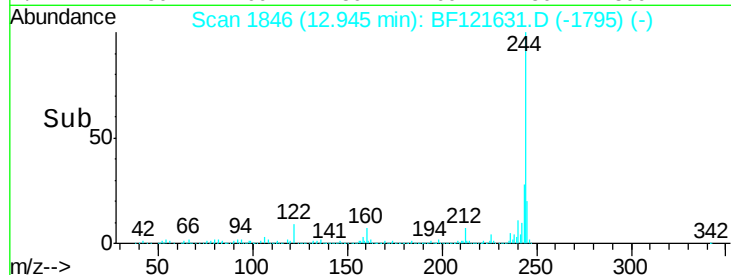
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	9.4	7.4	11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.45 min Scan# 2272

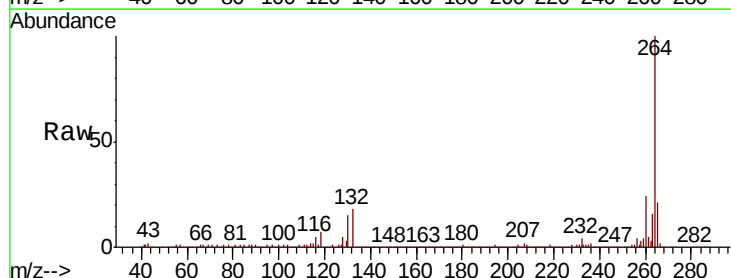
Delta R.T. -0.01 min

Lab File: BF121631.D

Acq: 21 Sep 2020 17:35

Tgt Ion:264 Resp: 384315

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.2	17.3	25.9



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

