

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121526.D
 Acq On : 8 Sep 2020 17:25
 Operator : JU/CG
 Sample : L3808-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-0-10

Quant Time: Sep 08 19:06:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 02 17:52:18 2020
 Response via : Initial Calibration

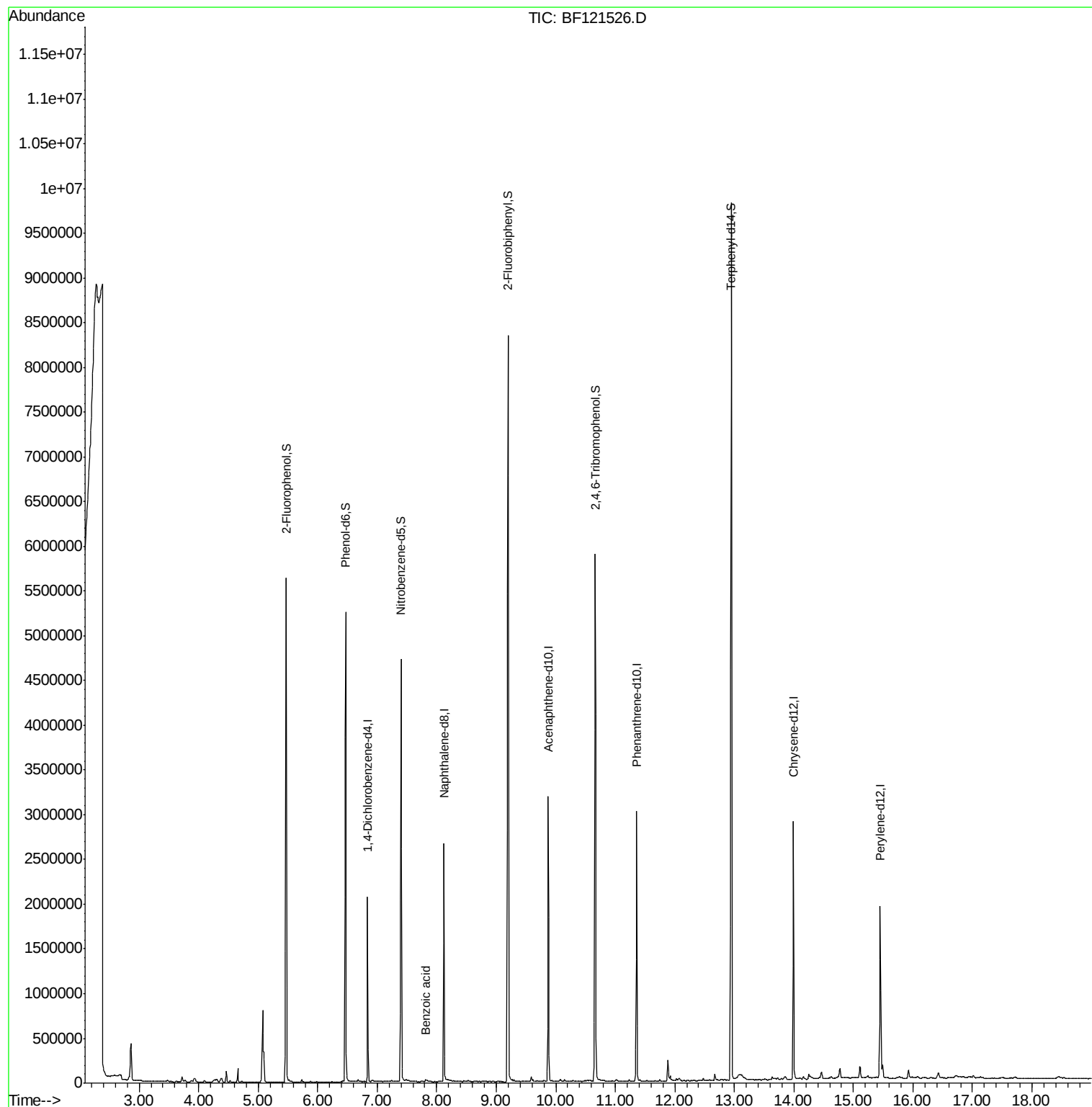
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	311235	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1195398	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	630372	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1185063	20.00	ng	-0.01
76) Chrysene-d12	13.99	240	1030107	20.00	ng	-0.02
86) Perylene-d12	15.45	264	941261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1832167	98.76	ng	0.01
7) Phenol-d6	6.47	99	2173336	83.83	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1700950	97.28	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	902429	141.73	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3026728	77.47	ng	-0.01
79) Terphenyl-d14	12.95	244	3509894	71.72	ng	0.00
Target Compounds						
32) Benzoic acid	7.82	122	10204	7.937	ng	Qvalue 92

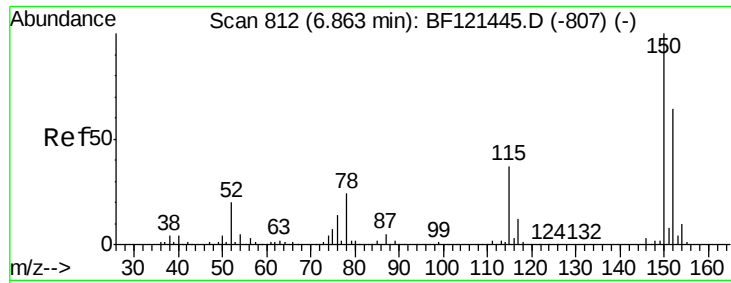
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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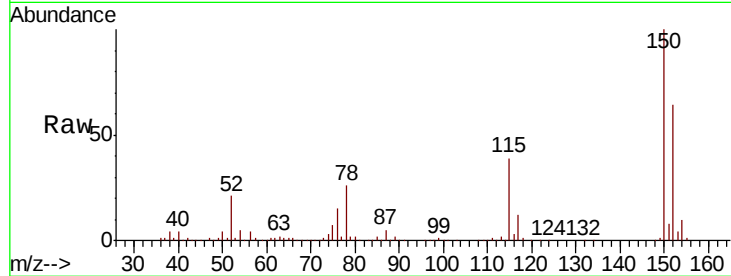


#1

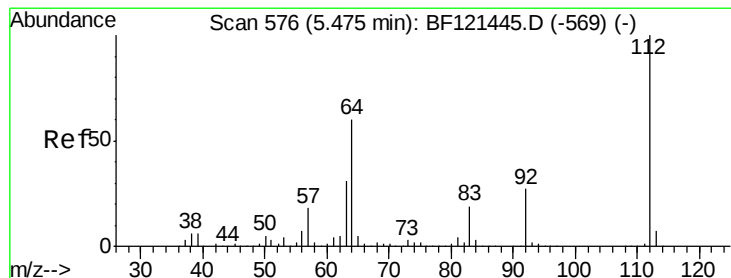
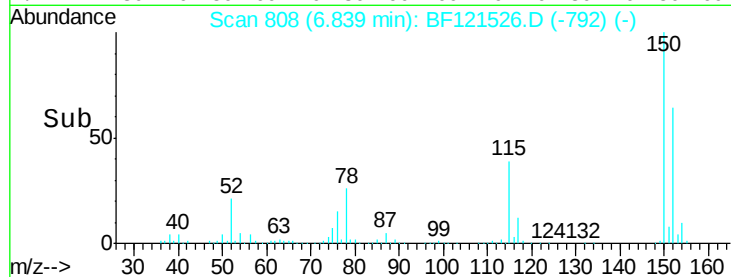
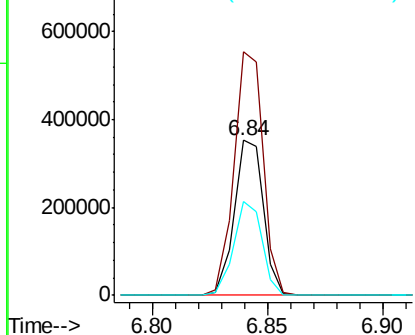
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121526.D
Acq: 8 Sep 2020 17:25

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion:152 Resp: 311235
Ion Ratio Lower Upper
152 100
150 156.9 126.1 189.1
115 60.8 48.4 72.6



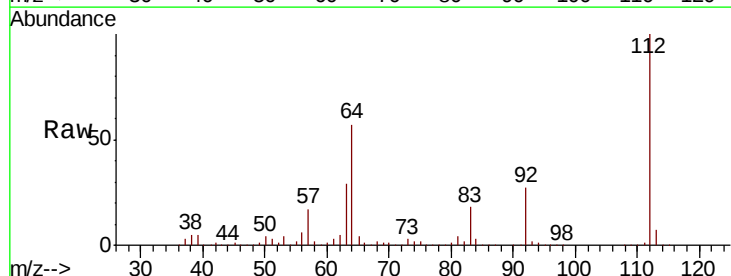
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



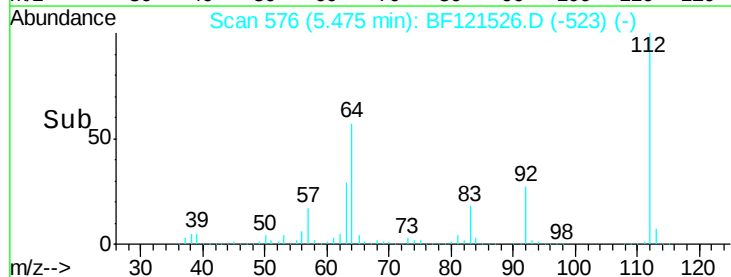
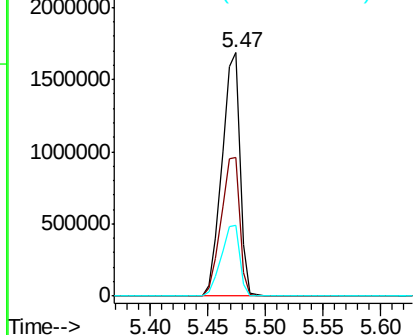
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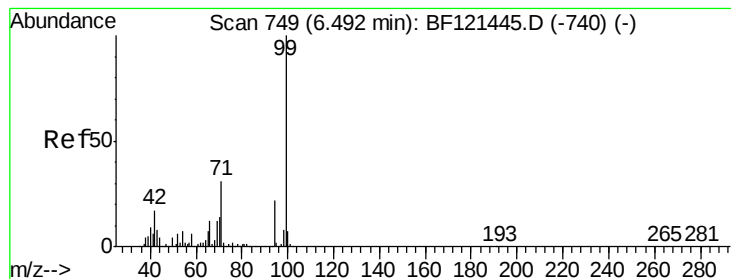
2-Fluorophenol
Concen: 98.765 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF121526.D
Acq: 8 Sep 2020 17:25

Tgt Ion:112 Resp: 1832167
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.9 23.4 35.2



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: 83.834 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121526.D

Acq: 8 Sep 2020 17:25

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-0-10

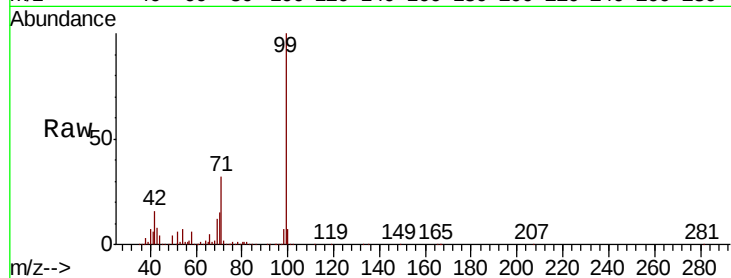
Tot Ion: 99 Resp: 2173336

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.4

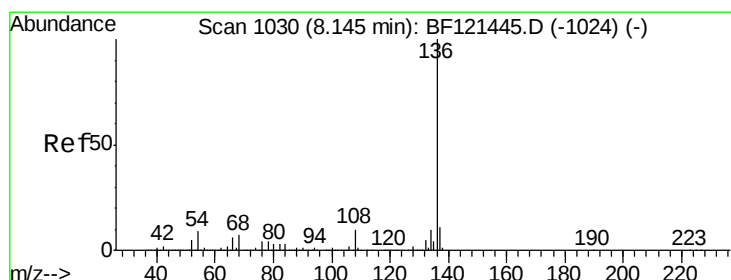
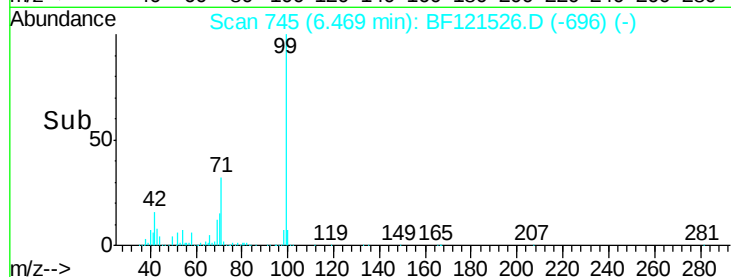
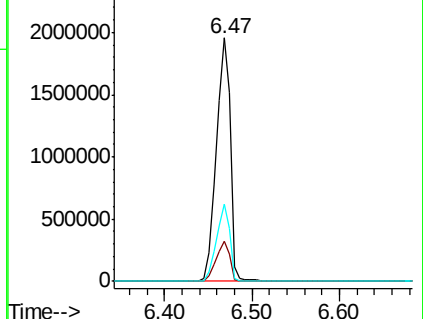
71 31.5 24.8 37.2



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF121526.D

Acq: 8 Sep 2020 17:25

Tgt Ion: 136 Resp: 1195398

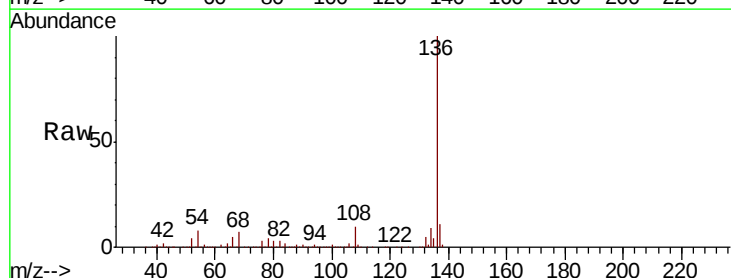
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.1 6.2 9.4

68 6.9 5.1 7.7

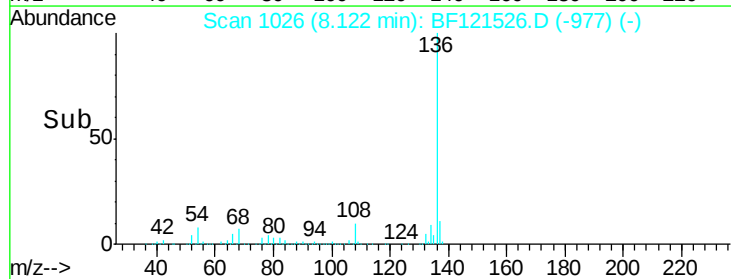
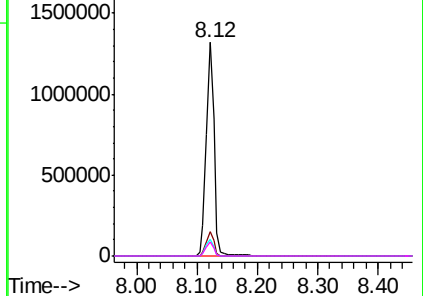


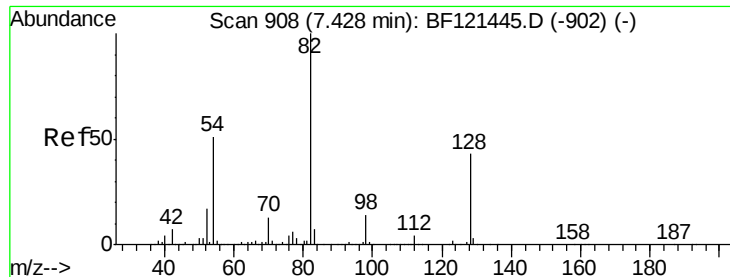
Abundance Ion 136.00 (135.70 to 136.70): E

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

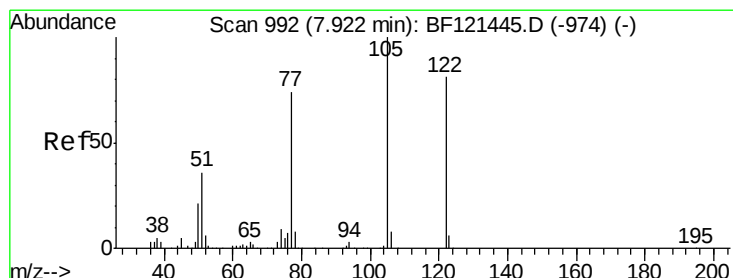
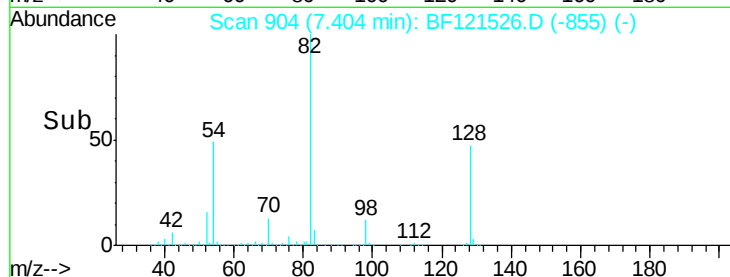
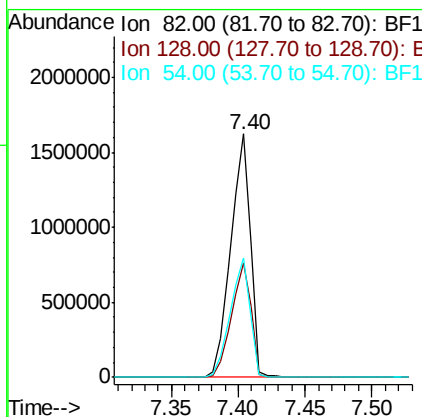
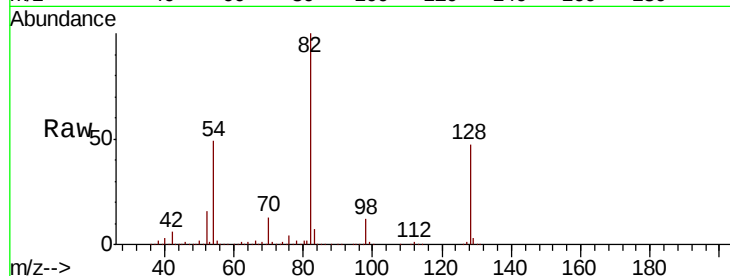




#23
Nitrobenzene-d5
Concen: 97.278 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121526.D
Acq: 8 Sep 2020 17:25

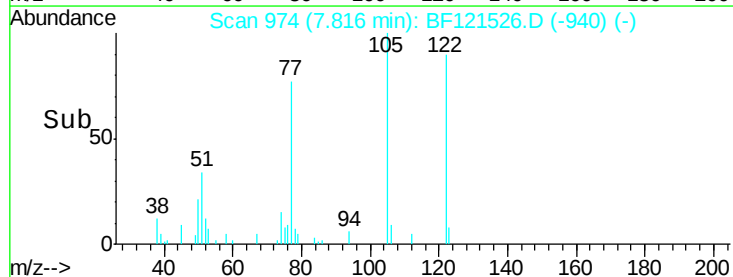
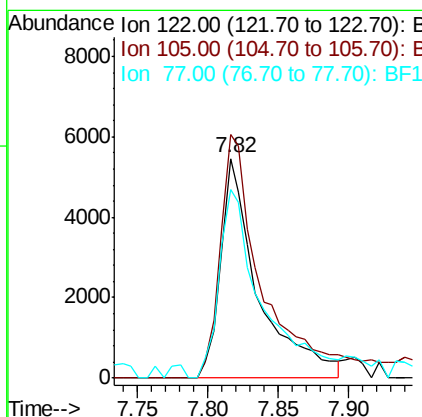
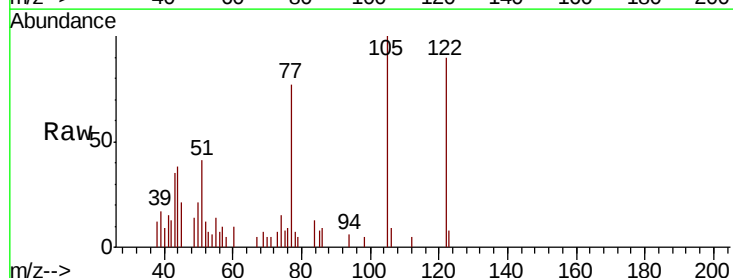
Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-0-10

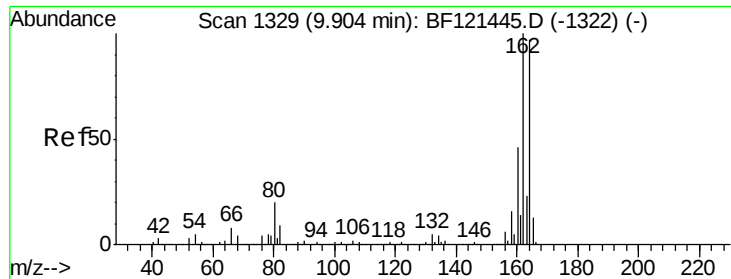
Tot Ion: 82 Resp: 1700950
Ion Ratio Lower Upper
82 100
128 46.9 37.3 55.9
54 49.2 39.0 58.6



#32
Benzoic acid
Concen: 7.937 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.10 min
Lab File: BF121526.D
Acq: 8 Sep 2020 17:25

Tgt Ion: 122 Resp: 10204
Ion Ratio Lower Upper
122 100
105 110.9 102.2 142.2
77 85.7 69.8 109.8

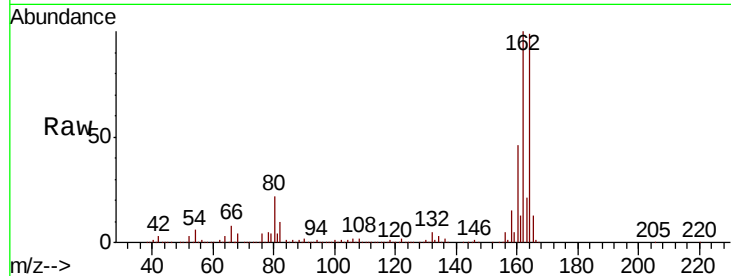




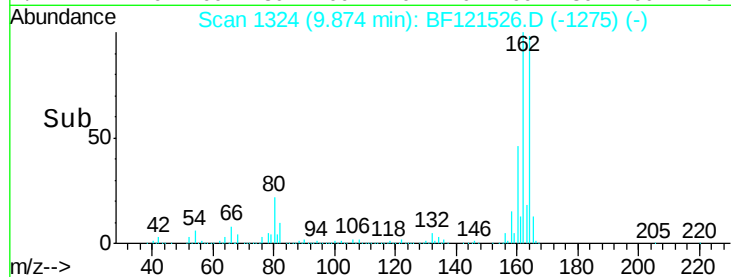
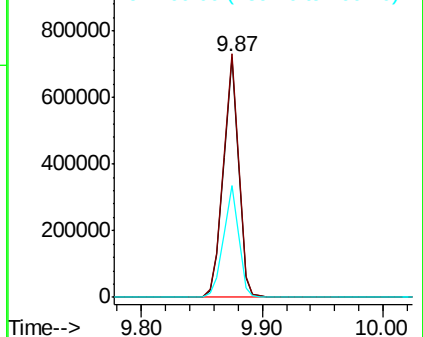
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-0-10

Tot Ion:164 Resp: 630372
 Ion Ratio Lower Upper
 164 100
 162 101.5 80.5 120.7
 160 46.6 36.2 54.4

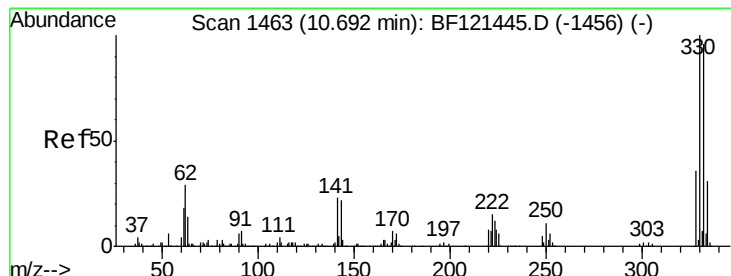


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

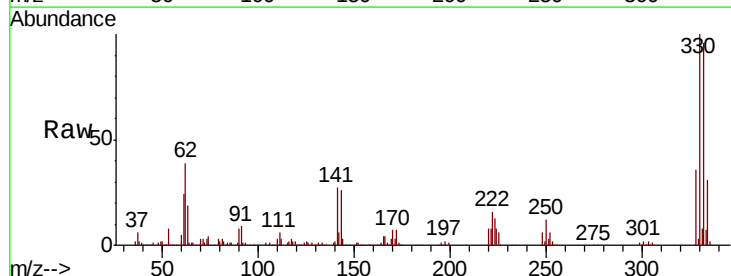
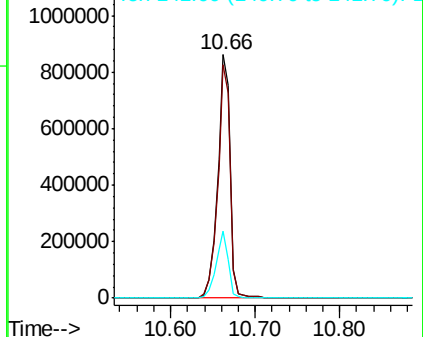


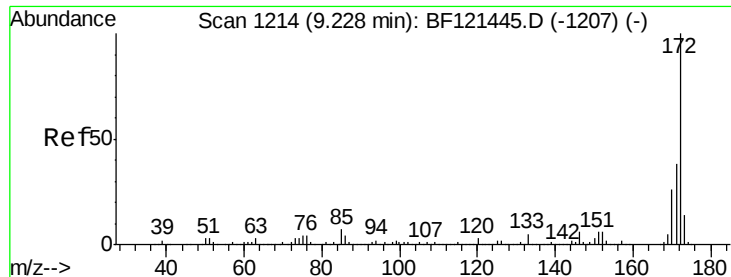
#42
 2,4,6-Tribromophenol
 Concen: 141.733 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

Tgt Ion:330 Resp: 902429
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.2
 141 27.5 22.6 34.0



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



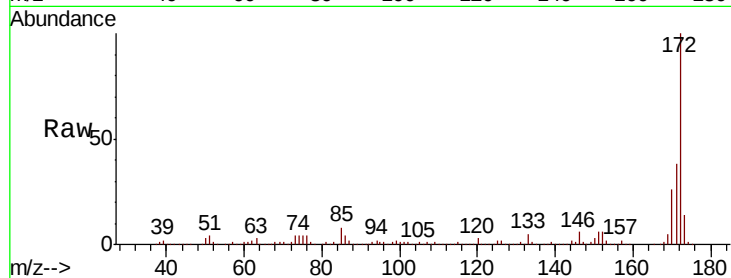


#45
 2-Fluorobiphenyl
 Concen: 77.474 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

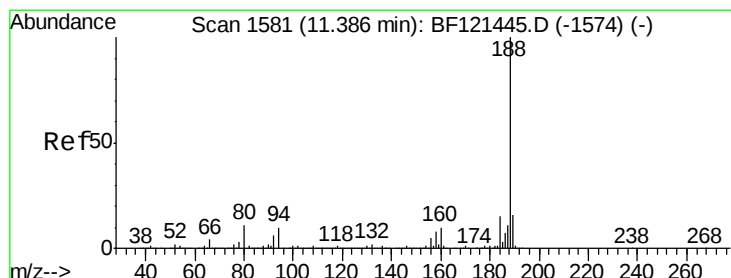
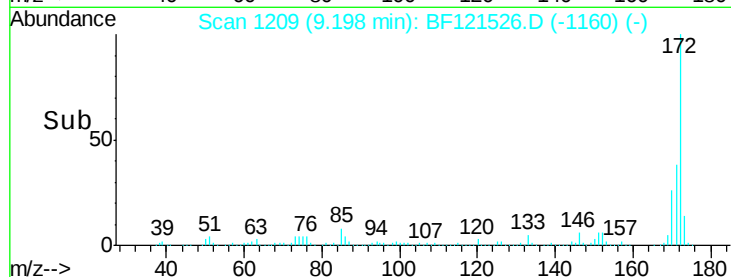
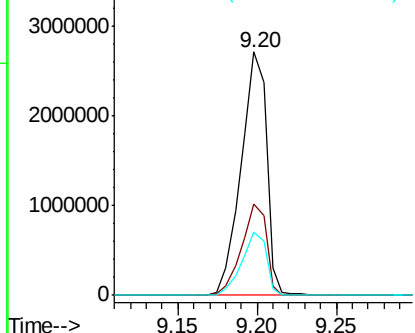
Instrument :
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 PAV-B44-090320-0-10

Tot Ion:172 Resp: 3026728

Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.4	45.6
170	25.7	20.7	31.1



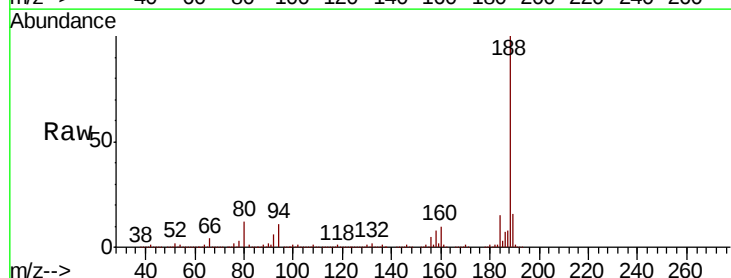
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



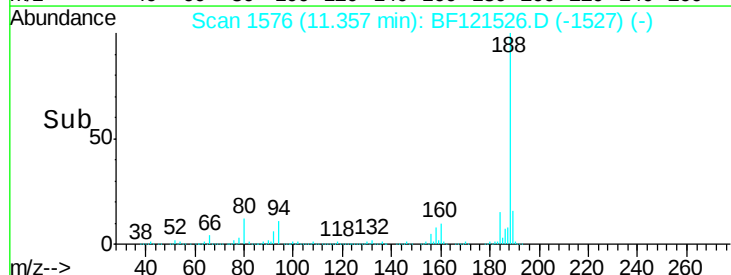
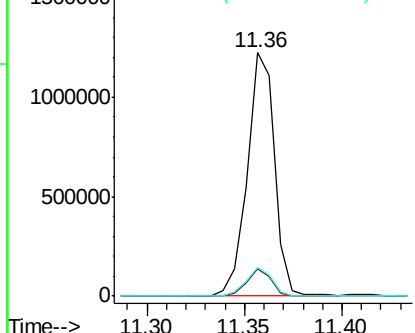
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

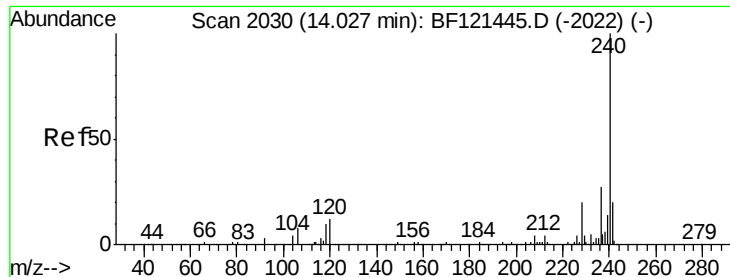
Tgt Ion:188 Resp: 1185063

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.8	13.2
80	11.7	9.1	13.7



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

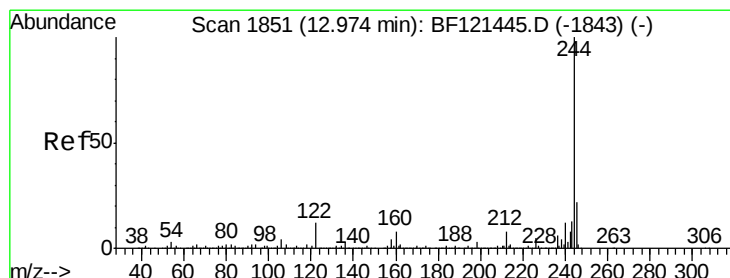
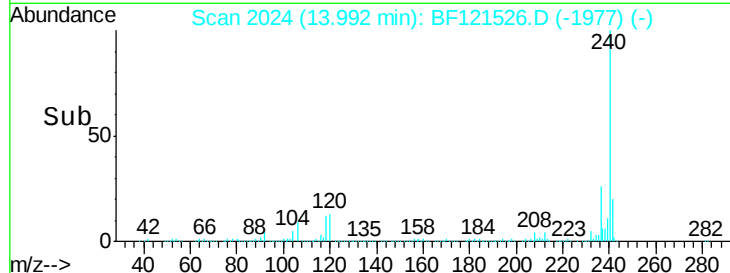
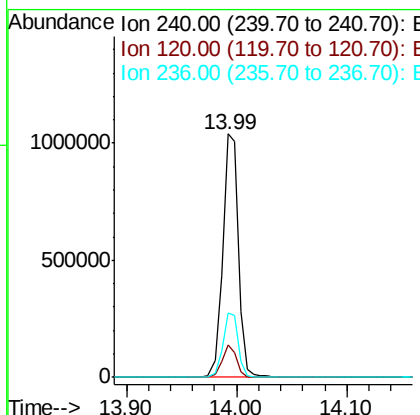
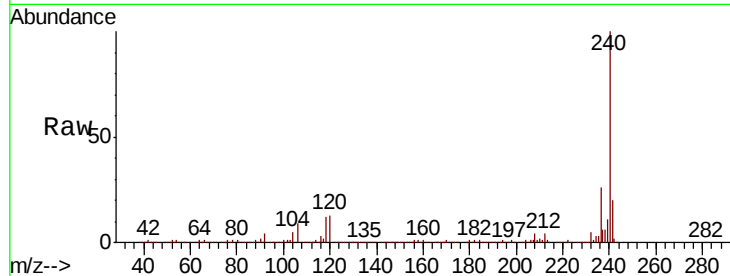




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

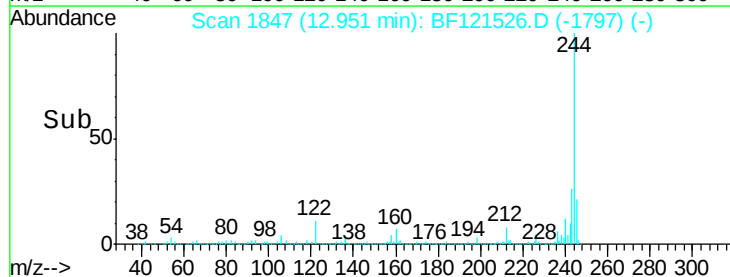
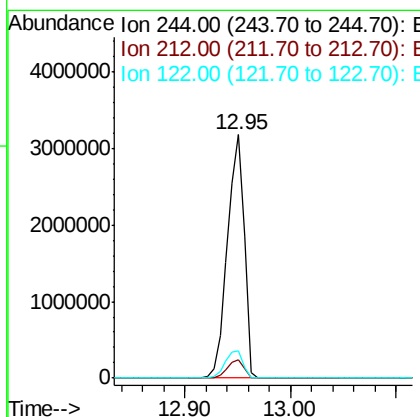
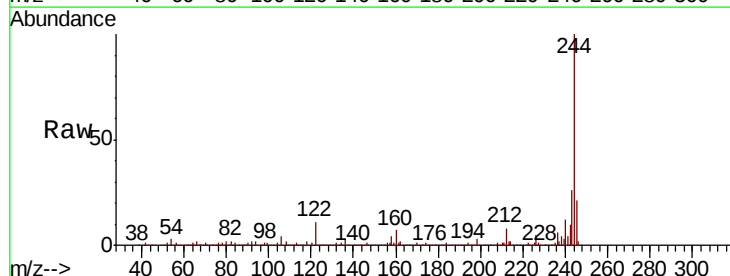
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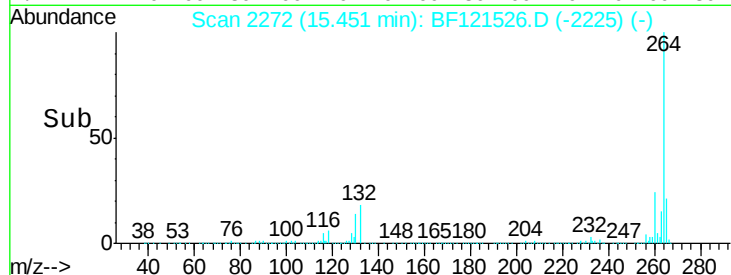
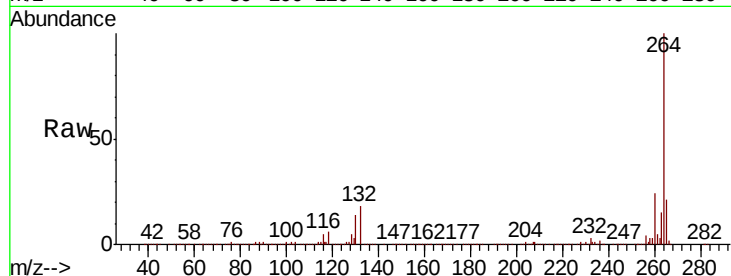
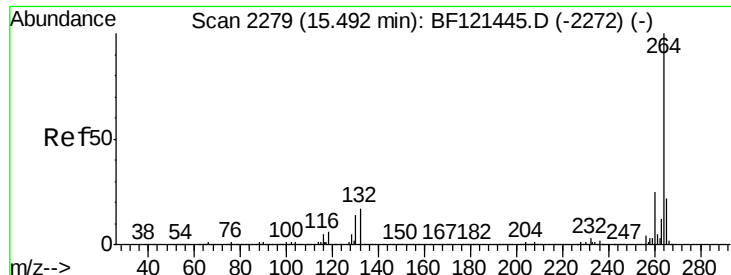
Tot Ion:240 Resp: 1030107
 Ion Ratio Lower Upper
 240 100
 120 13.2 8.0 12.0#
 236 26.2 21.4 32.2



#79
 Terphenyl-d14
 Concen: 71.722 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF121526.D
 Acq: 8 Sep 2020 17:25

Tgt Ion:244 Resp: 3509894
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.1 9.3 13.9





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF121526.D
Acq: 8 Sep 2020 17:25

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-0-10

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	21.3	17.4	26.2

