

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121527.D
 Acq On : 8 Sep 2020 17:56
 Operator : JU/CG
 Sample : L3808-13
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-10-20

Quant Time: Sep 08 19:08:05 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

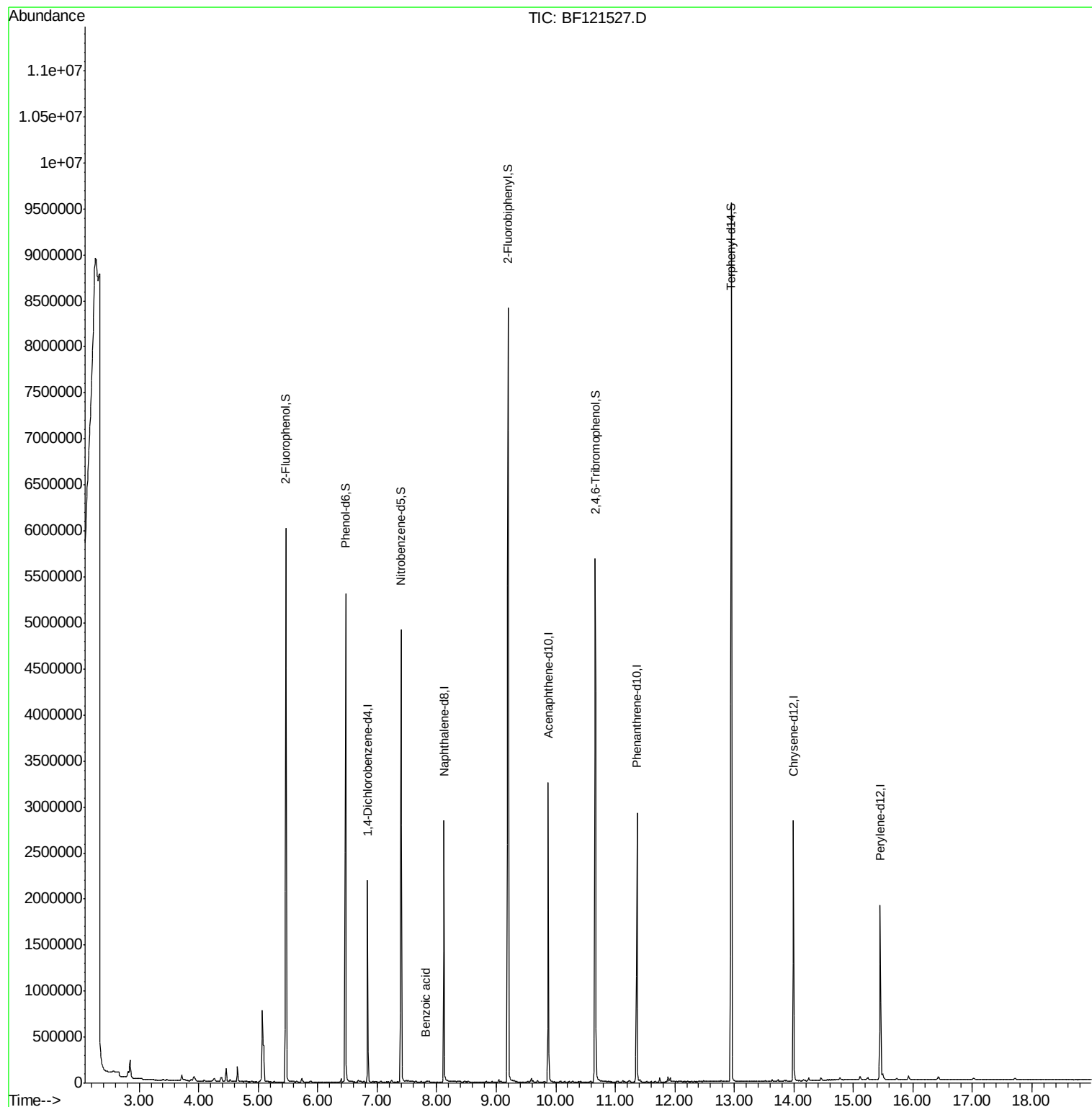
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	319296	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1216222	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	646943	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1191439	20.00	ng	0.00
76) Chrysene-d12	13.99	240	1014645	20.00	ng	-0.02
86) Perylene-d12	15.45	264	887006	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1851810	97.30	ng	0.00
7) Phenol-d6	6.47	99	2171347	81.64	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1766988	99.32	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	867402	132.74	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	3047415	76.01	ng	-0.01
79) Terphenyl-d14	12.95	244	3344872	69.39	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.82	122	2595	6.982	ng	96

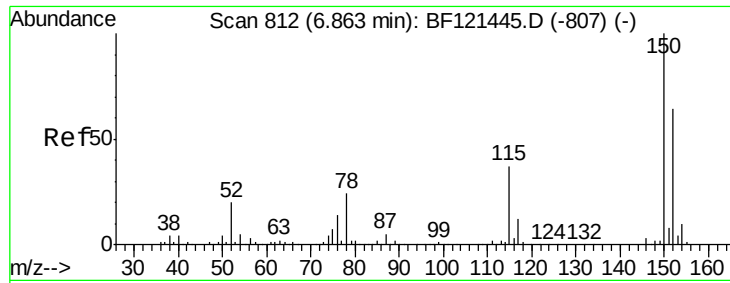
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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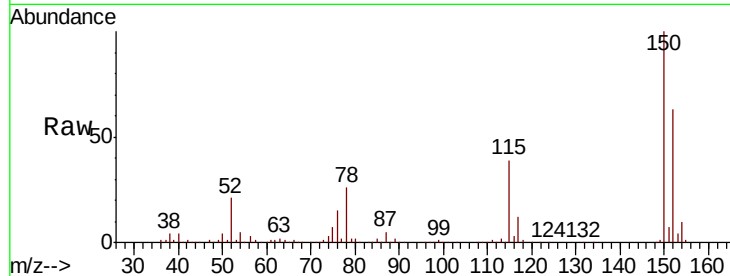


#1

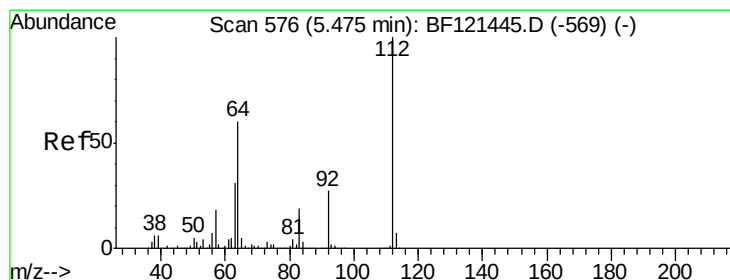
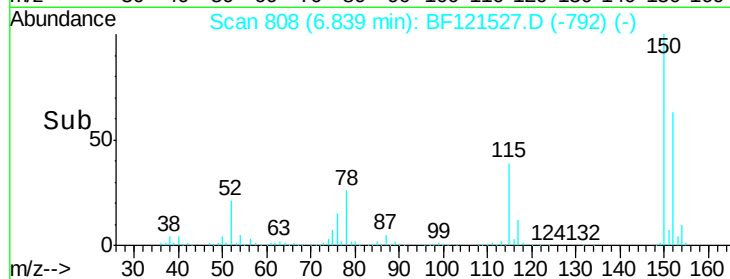
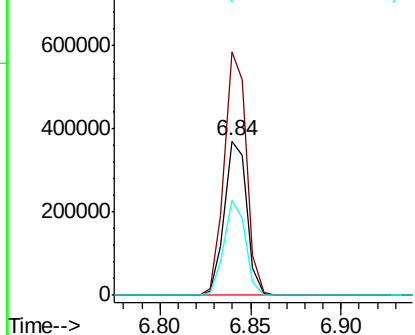
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.1	189.1
115	62.1	48.4	72.6



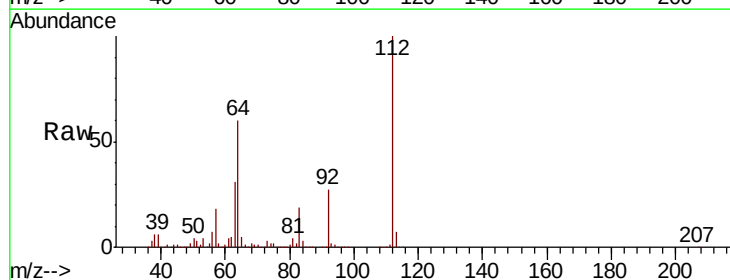
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



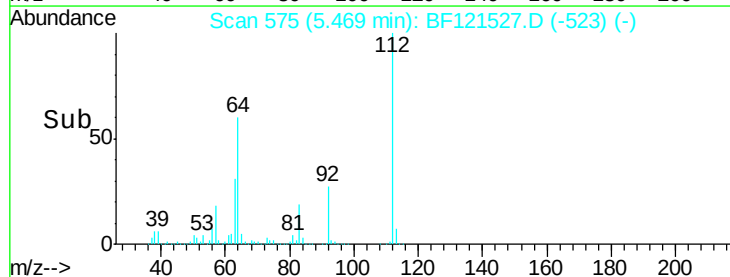
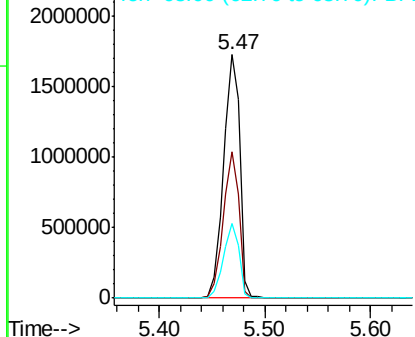
#5

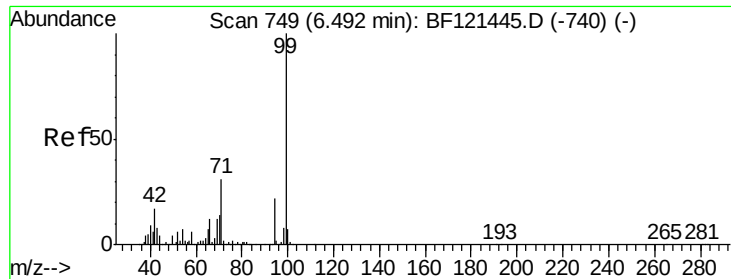
2-Fluorophenol
Concen: 97.304 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.0	69.0
63	30.9	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: 81.643 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121527.D

Acq: 8 Sep 2020 17:56

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-10-20

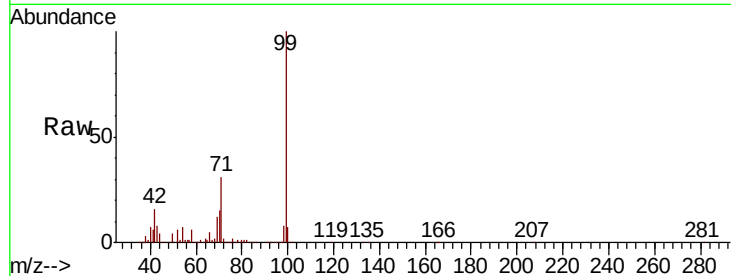
Tot Ion: 99 Resp: 2171347

Ion Ratio Lower Upper

99 100

42 16.2 13.0 19.4

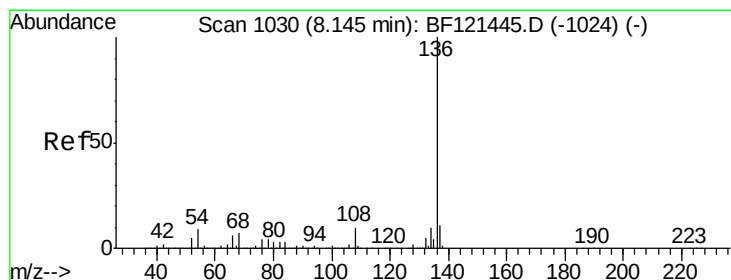
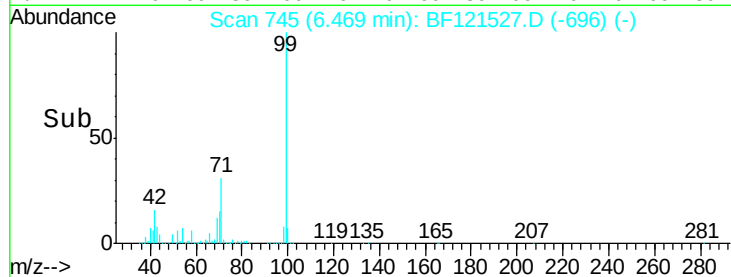
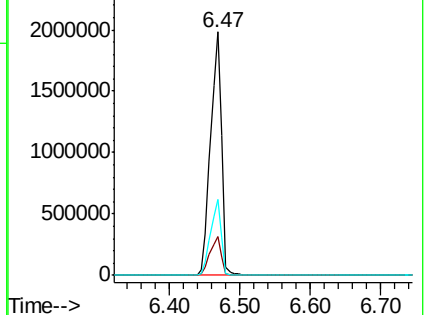
71 31.4 24.8 37.2



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: BF121527.D

Acq: 8 Sep 2020 17:56

Tgt Ion: 136 Resp: 1216222

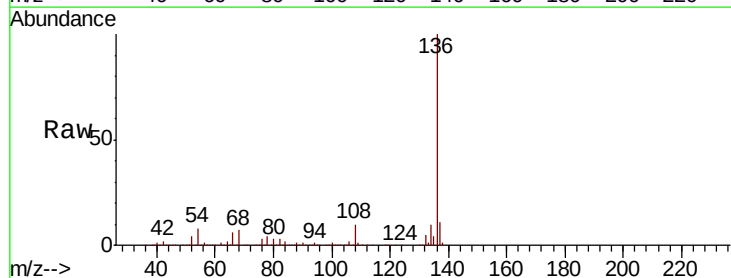
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.4 6.2 9.4

68 6.7 5.1 7.7

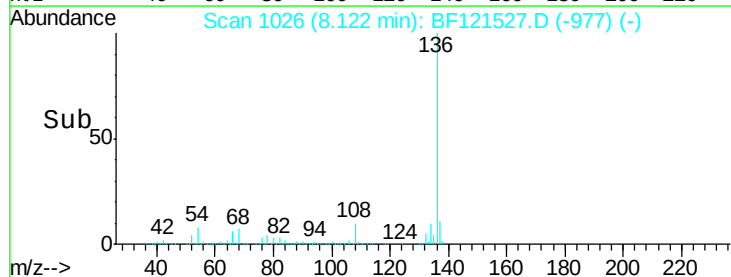
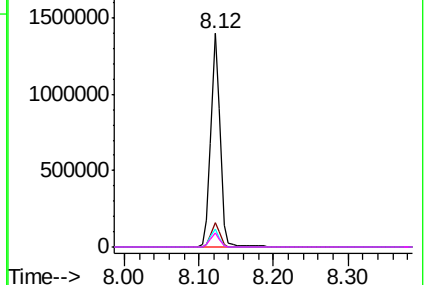


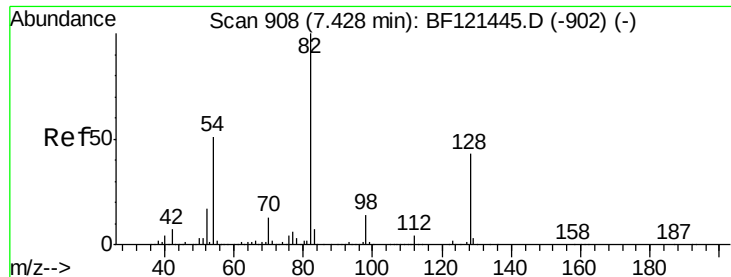
Abundance Ion 136.00 (135.70 to 136.70): E

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



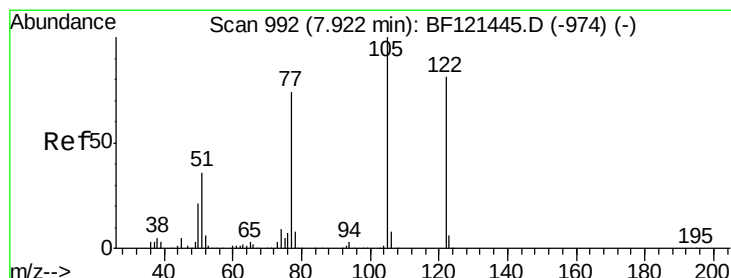
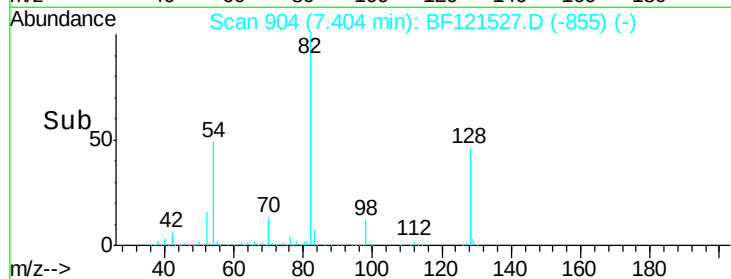
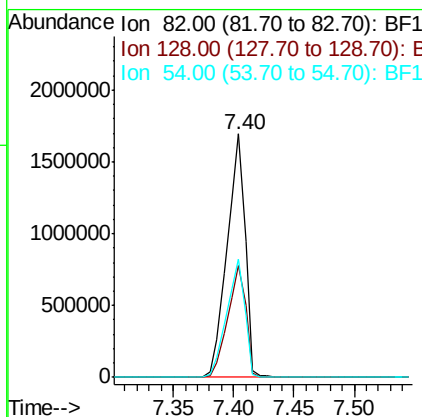
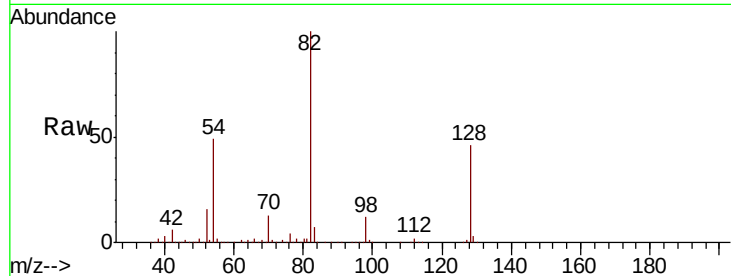


#23
 Nitrobenzene-d5
 Concen: 99.325 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-10-20

Tot Ion: 82 Resp: 1766988

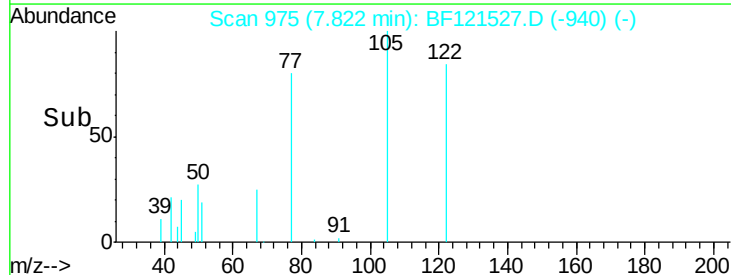
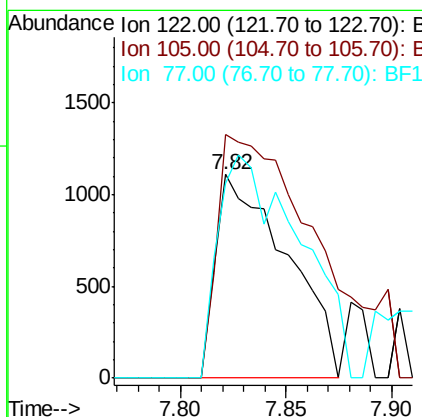
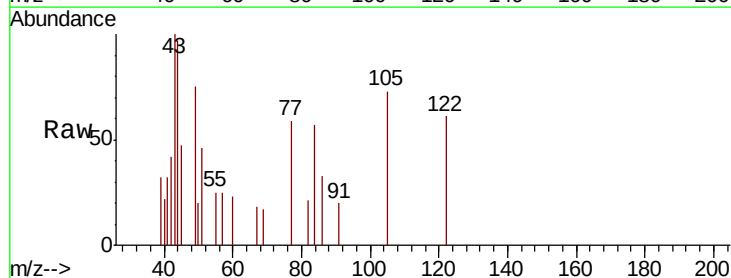
Ion	Ratio	Lower	Upper
82	100		
128	46.1	37.3	55.9
54	48.7	39.0	58.6

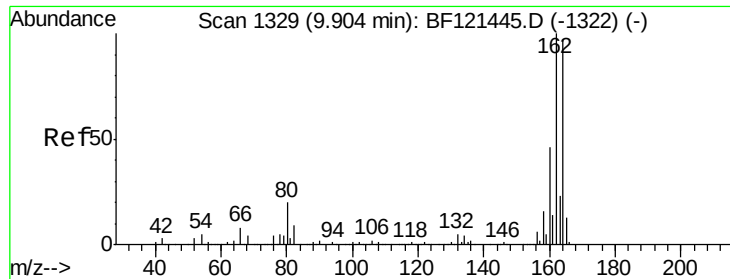


#32
 Benzoic acid
 Concen: 6.982 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.09 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Tgt Ion: 122 Resp: 2595

Ion	Ratio	Lower	Upper
122	100		
105	119.7	102.2	142.2
77	95.9	69.8	109.8

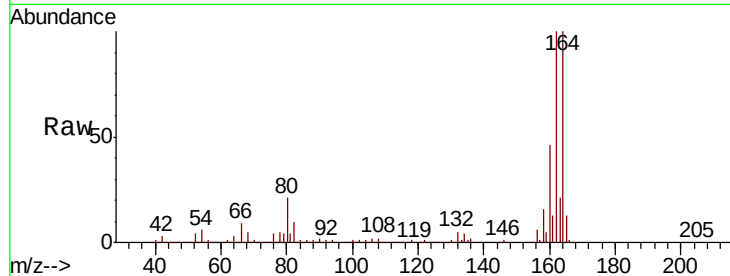




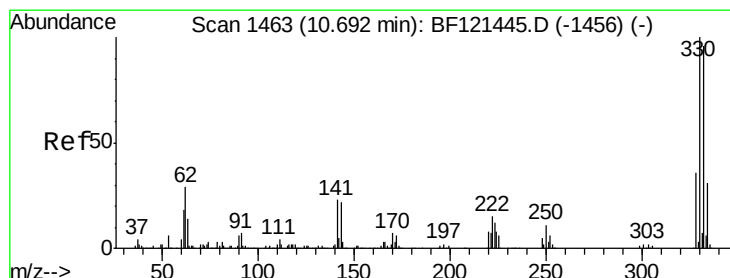
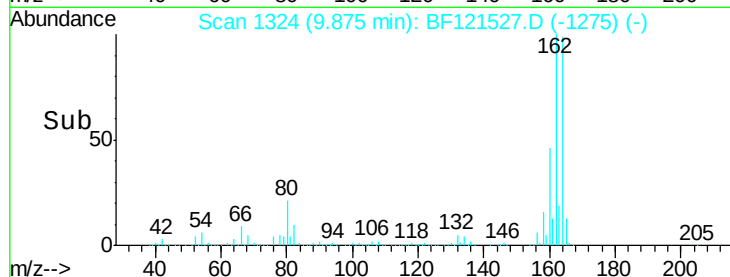
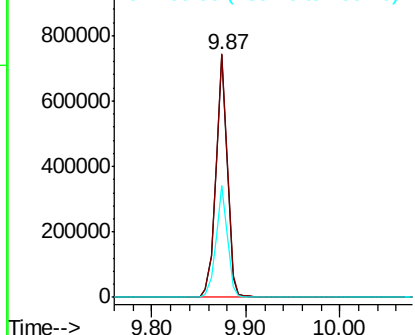
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-10-20

Tot Ion:164 Resp: 646943
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.5 120.7
 160 45.8 36.2 54.4

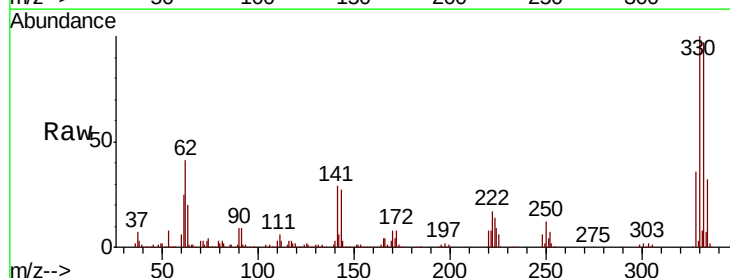


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

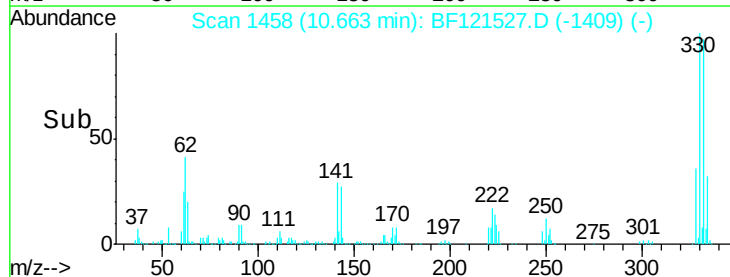
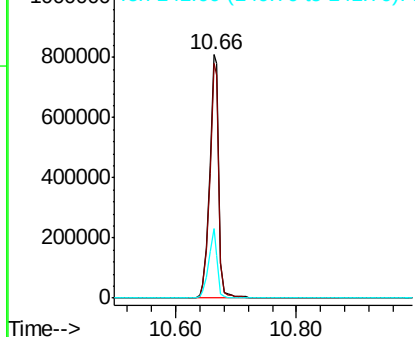


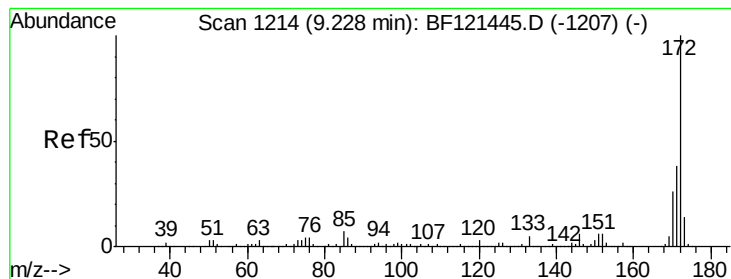
#42
 2,4,6-Tribromophenol
 Concen: 132.743 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Tgt Ion:330 Resp: 867402
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.2 114.2
 141 27.1 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



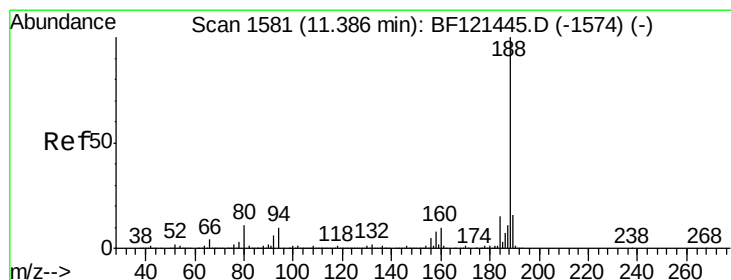
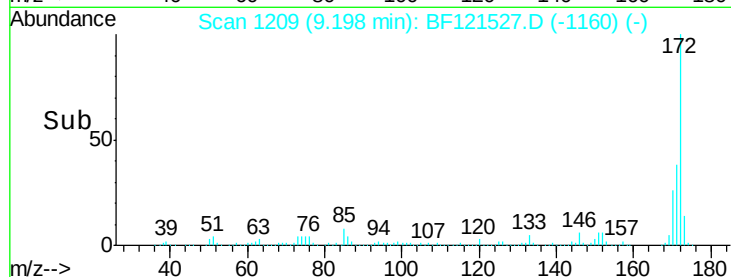
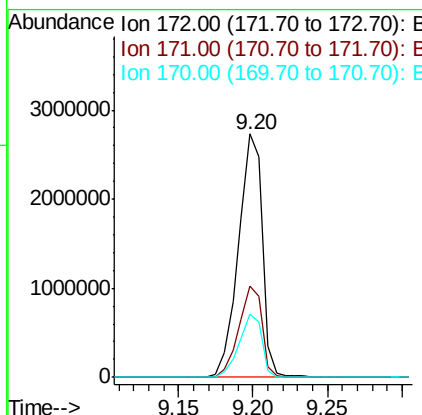
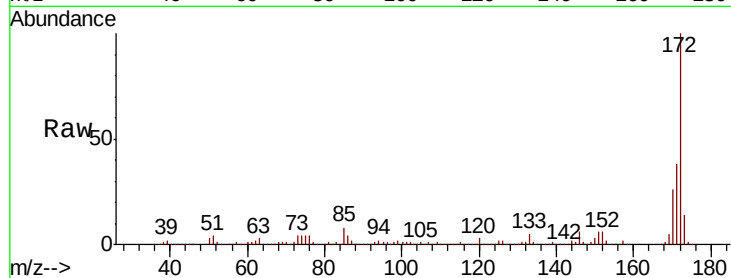


#45
 2-Fluorobiphenyl
 Concen: 76.005 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-10-20

Tot Ion:172 Resp: 3047415

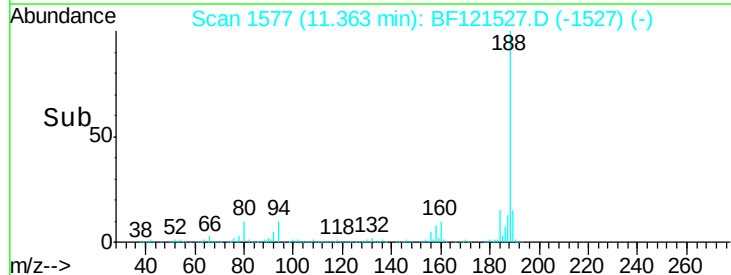
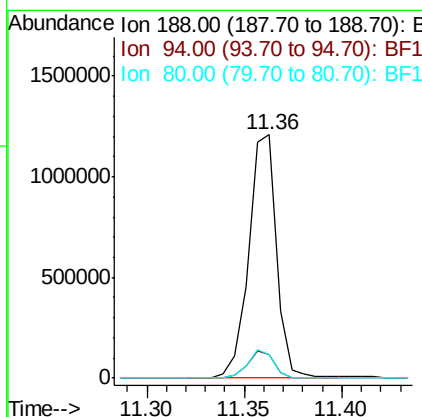
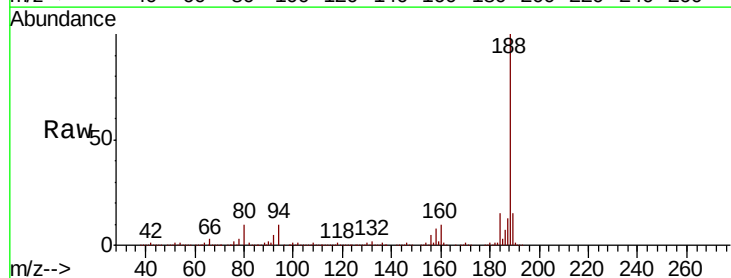
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.4	45.6
170	25.7	20.7	31.1

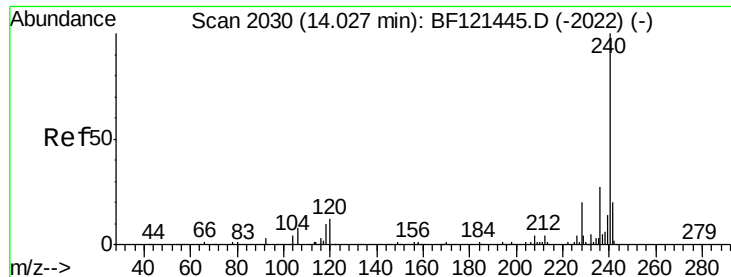


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF121527.D
 Acq: 8 Sep 2020 17:56

Tgt Ion:188 Resp: 1191439

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.8	13.2
80	9.9	9.1	13.7

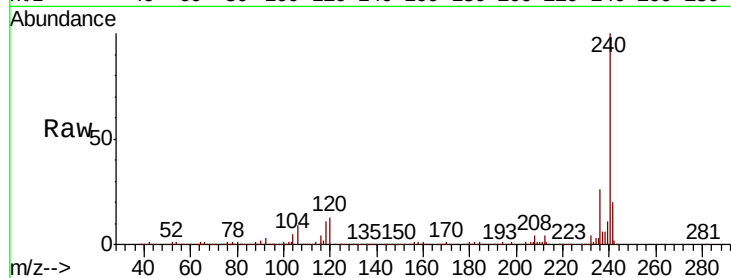




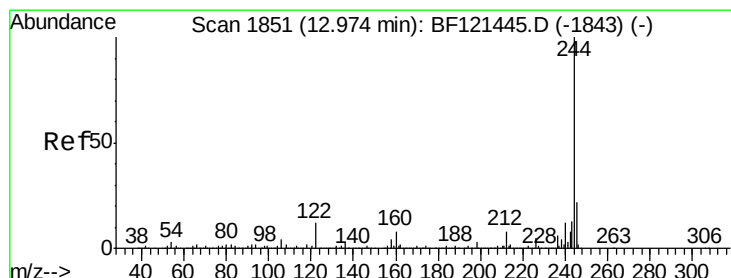
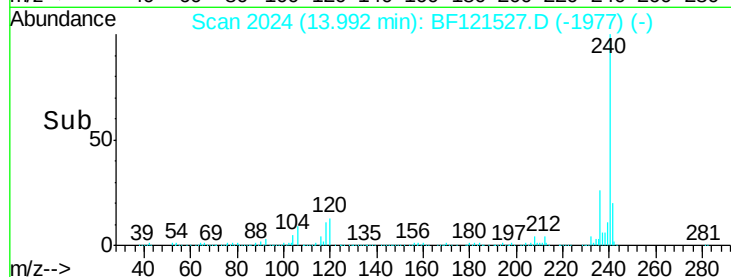
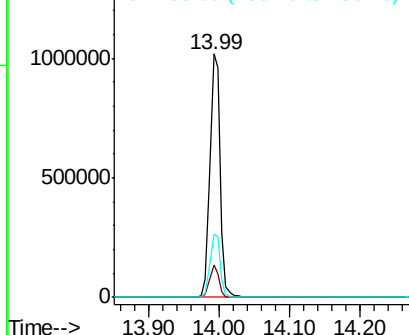
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tot Ion:240 Resp: 1014645
Ion Ratio Lower Upper
240 100
120 13.4 8.0 12.0#
236 26.2 21.4 32.2

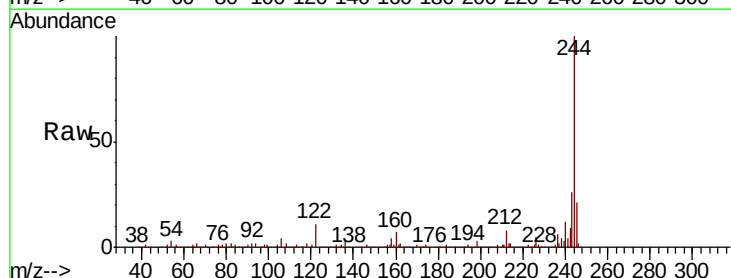


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

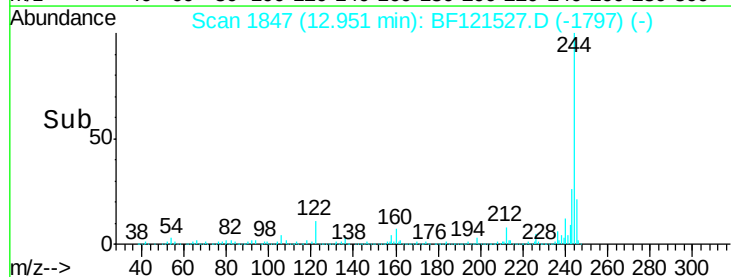
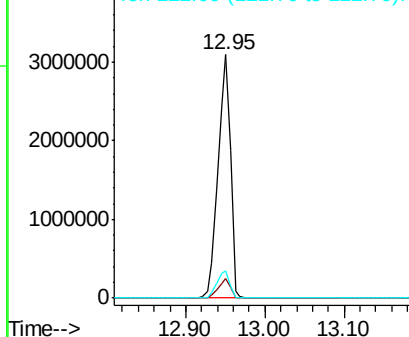


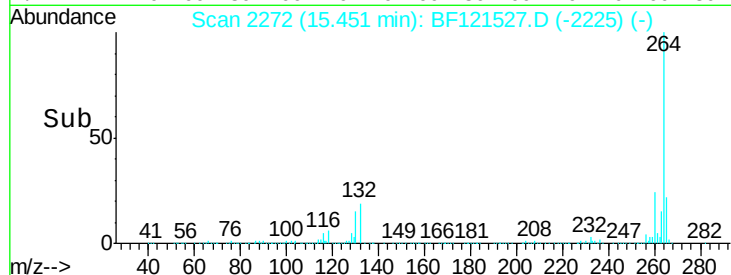
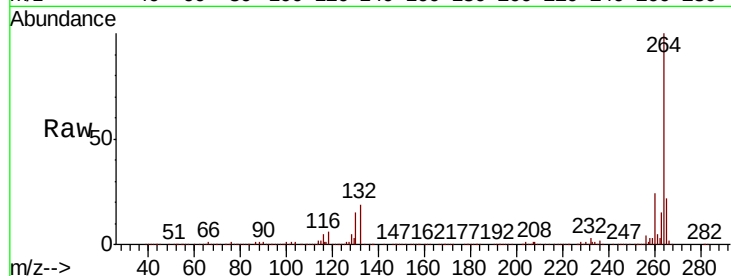
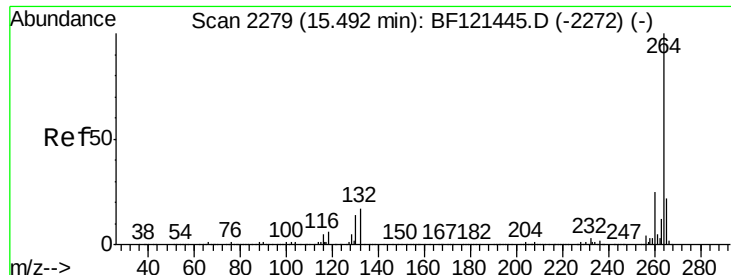
#79
Terphenyl-d14
Concen: 69.392 ng
RT: 12.95 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Tgt Ion:244 Resp: 3344872
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.4 9.3 13.9



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
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF121527.D
Acq: 8 Sep 2020 17:56

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-10-20

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.7	29.5
265	22.0	17.4	26.2

