

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
 Data File : BF121528.D
 Acq On : 8 Sep 2020 18:27
 Operator : JU/CG
 Sample : L3808-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Quant Time: Sep 08 19:10:24 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

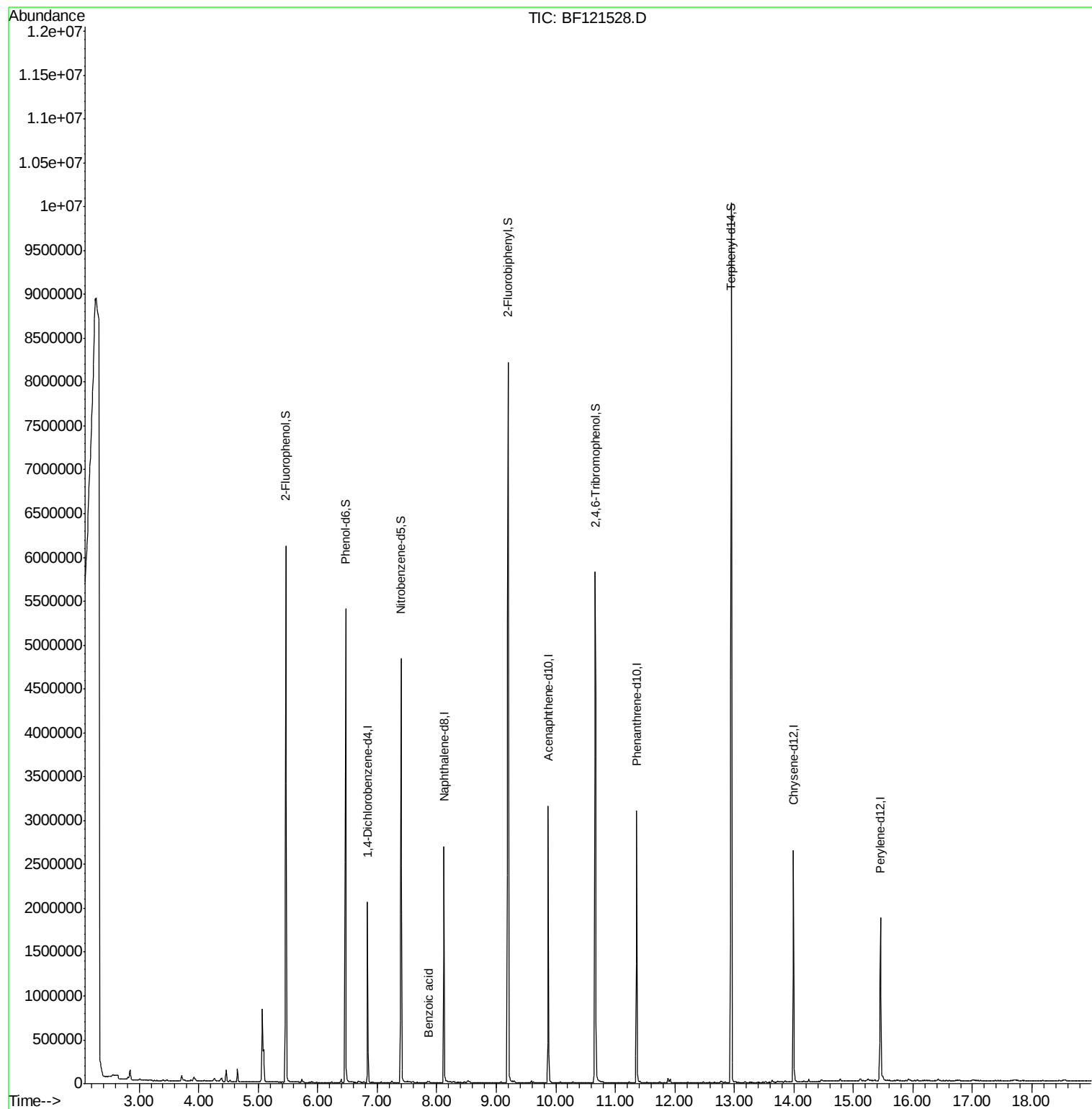
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	311053	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1188405	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	620418	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	1209488	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	1004282	20.00	ng	-0.02
86) Perylene-d12	15.46	264	880453	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1801931	97.19	ng	0.00
7) Phenol-d6	6.47	99	2101469	81.11	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1681245	96.72	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	906688	144.69	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	2978544	77.46	ng	-0.01
79) Terphenyl-d14	12.95	244	3458795	72.50	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	3470	7.101	ng	Qvalue 98

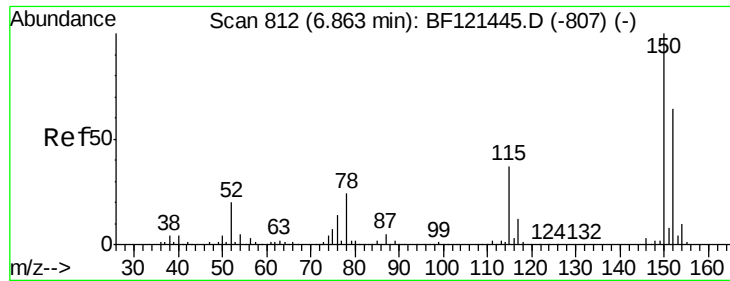
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090820\
Data File : BF121528.D
Acq On : 8 Sep 2020 18:27
Operator : JU/CG
Sample : L3808-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Quant Time: Sep 08 19:10:24 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

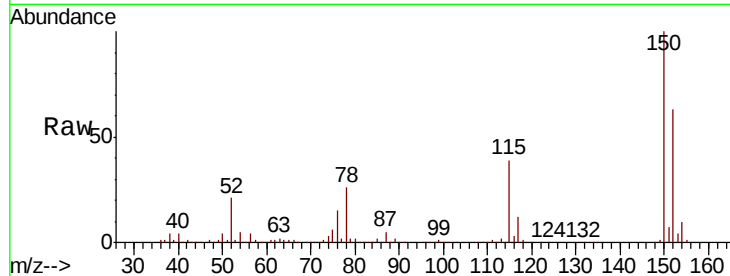




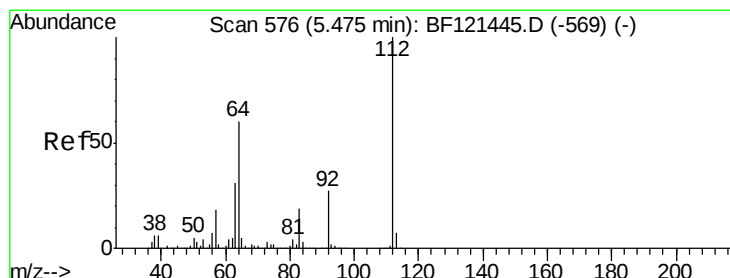
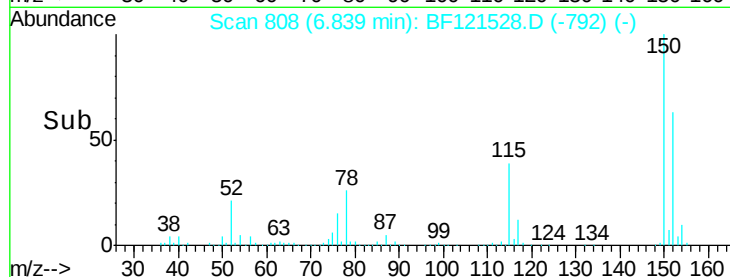
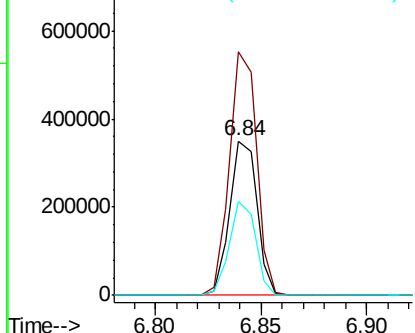
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:152 Resp: 311053
 Ion Ratio Lower Upper
 152 100
 150 157.6 126.1 189.1
 115 61.0 48.4 72.6

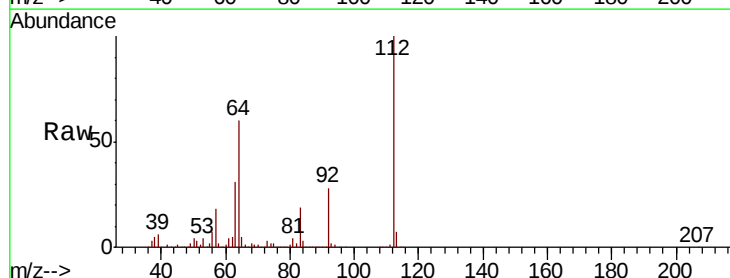


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

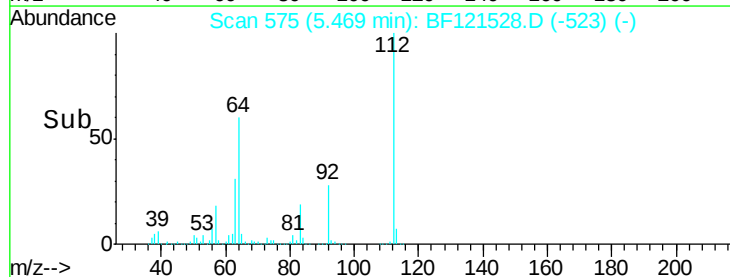
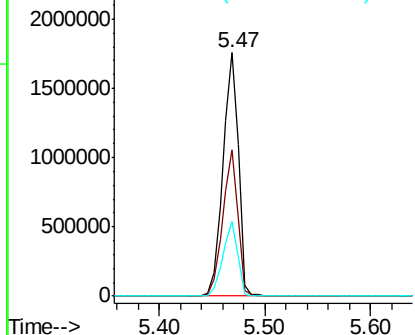


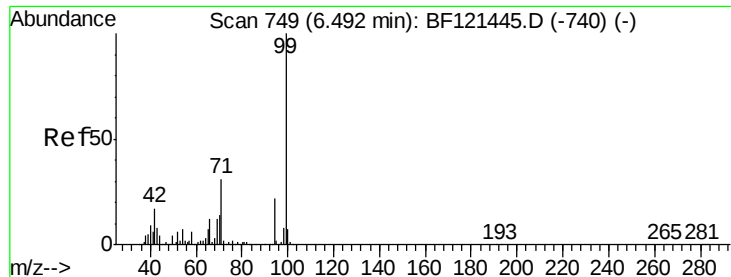
#5
 2-Fluorophenol
 Concen: 97.192 ng
 RT: 5.47 min Scan# 575
 Delta R.T. 0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:112 Resp: 1801931
 Ion Ratio Lower Upper
 112 100
 64 60.1 46.0 69.0
 63 30.5 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: 81.110 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

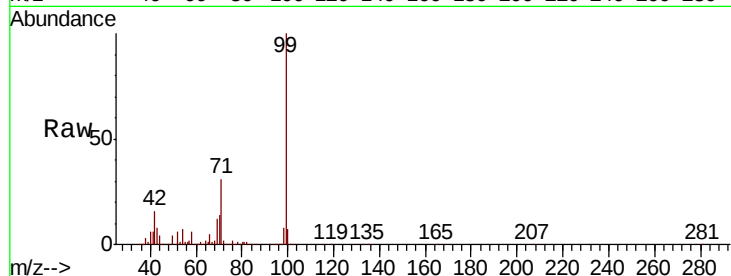
Tot Ion: 99 Resp: 2101469

Ion Ratio Lower Upper

99 100

42 16.1 13.0 19.4

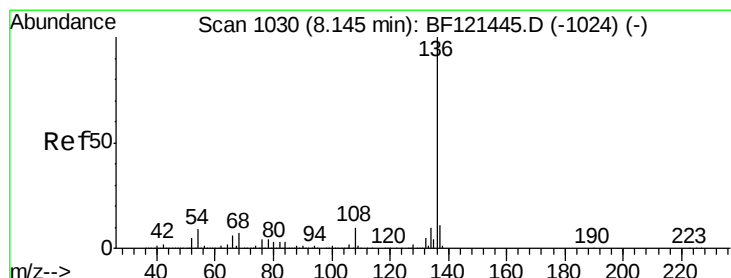
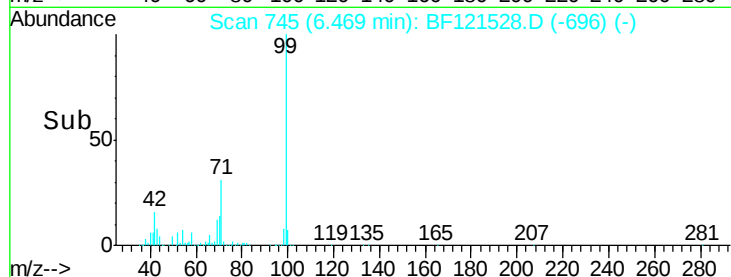
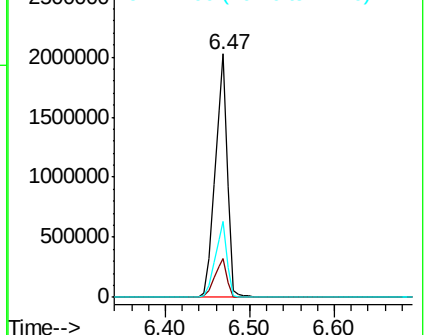
71 31.2 24.8 37.2



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: BF121528.D

Acq: 8 Sep 2020 18:27

Tgt Ion: 136 Resp: 1188405

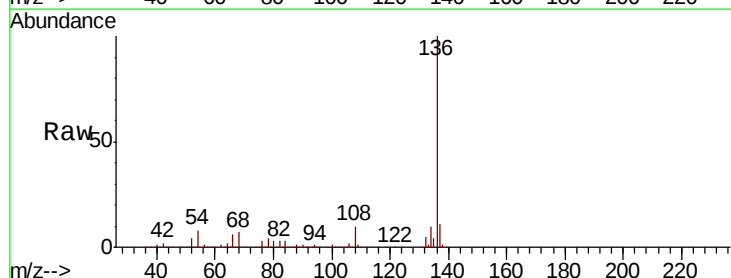
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.4 6.2 9.4

68 6.8 5.1 7.7

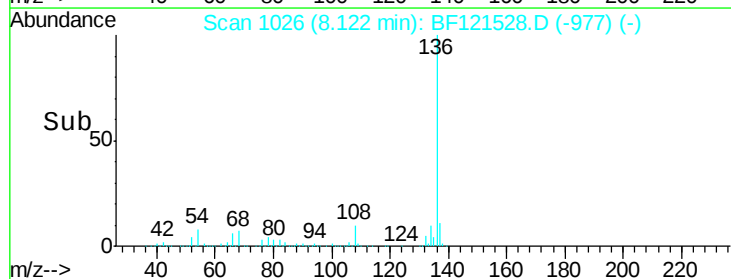
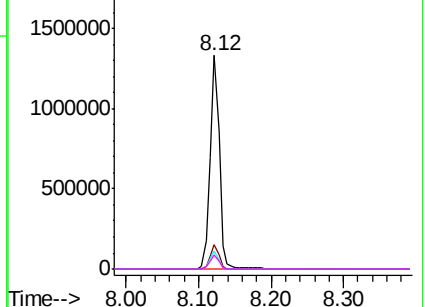


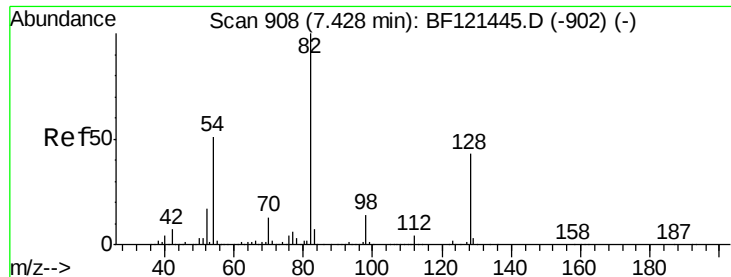
Abundance Ion 136.00 (135.70 to 136.70): E

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

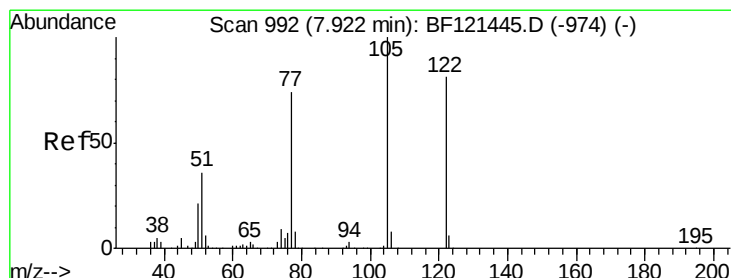
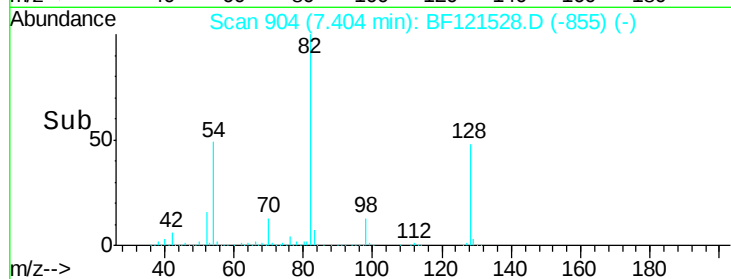
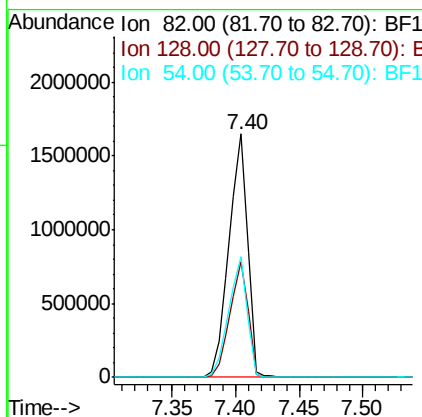
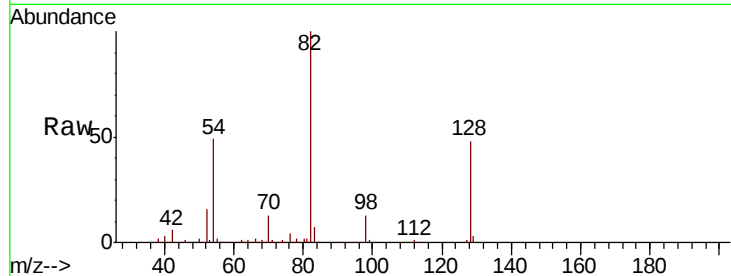




#23
Nitrobenzene-d5
Concen: 96.717 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

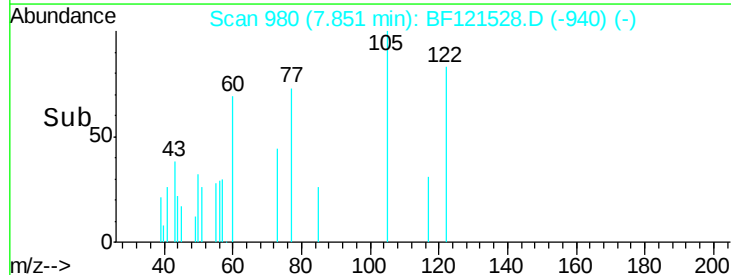
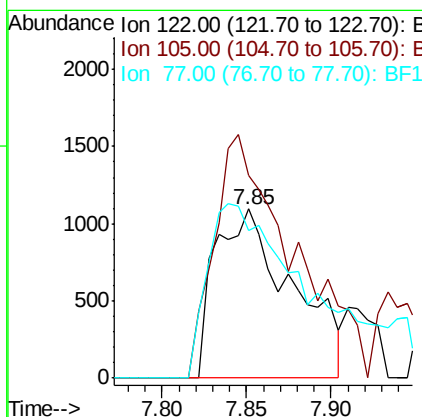
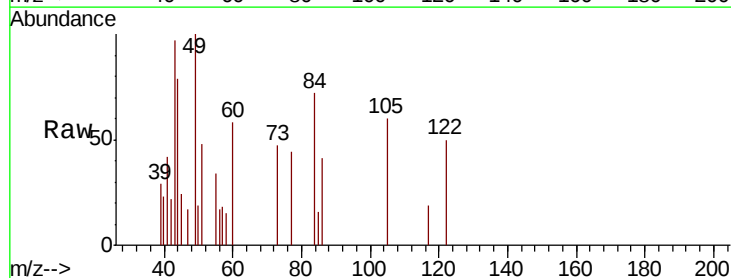
Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

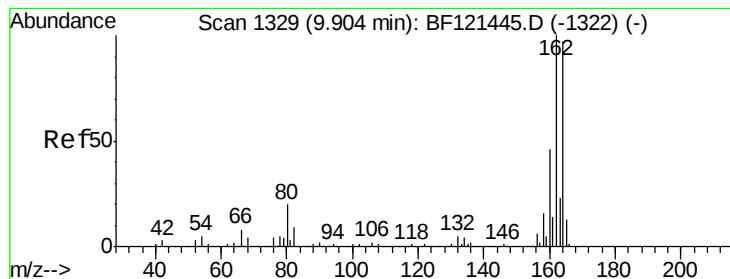
Tot Ion: 82 Resp: 1681245
Ion Ratio Lower Upper
82 100
128 47.6 37.3 55.9
54 49.4 39.0 58.6



#32
Benzoic acid
Concen: 7.101 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.06 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Tgt Ion: 122 Resp: 3470
Ion Ratio Lower Upper
122 100
105 119.8 102.2 142.2
77 87.8 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: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

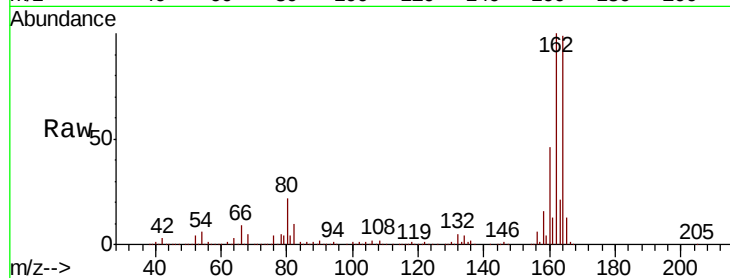
Tot Ion:164 Resp: 620418

Ion Ratio Lower Upper

164 100

162 100.8 80.5 120.7

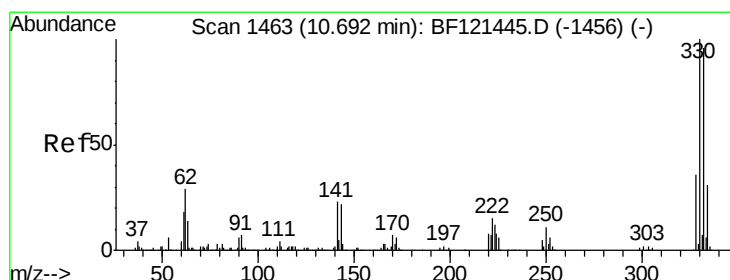
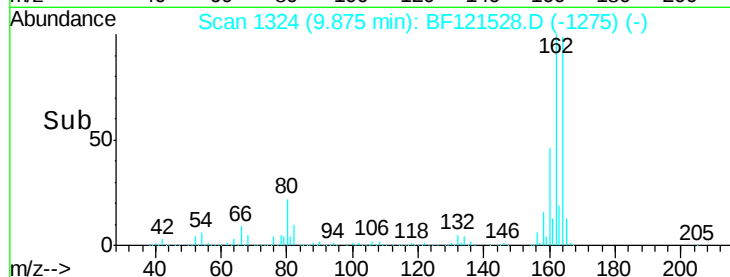
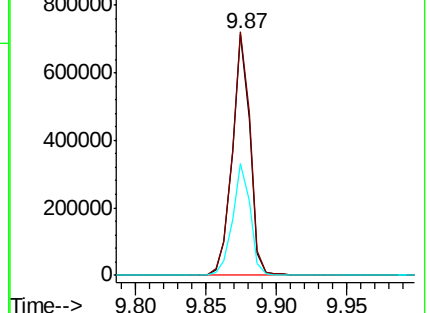
160 46.1 36.2 54.4



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: 144.687 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

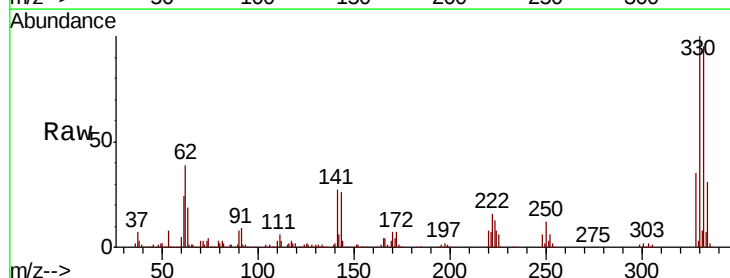
Tgt Ion:330 Resp: 906688

Ion Ratio Lower Upper

330 100

332 95.8 76.2 114.2

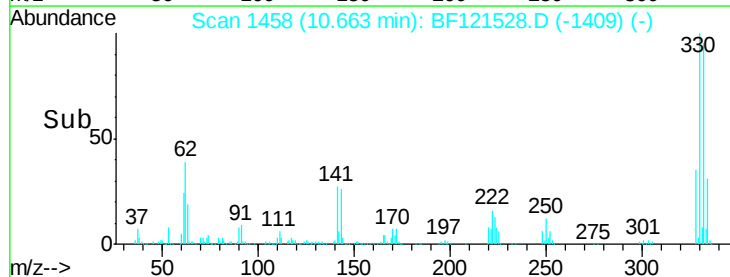
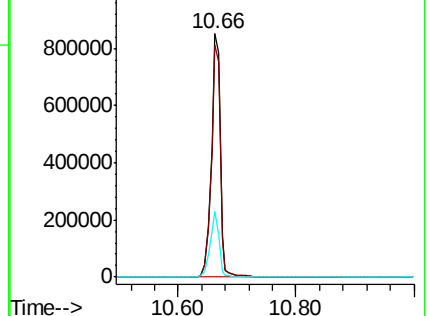
141 27.0 22.6 34.0

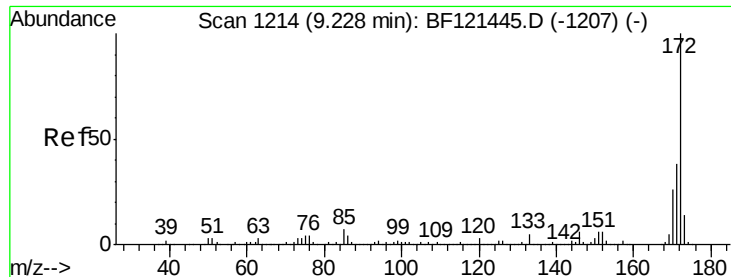


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



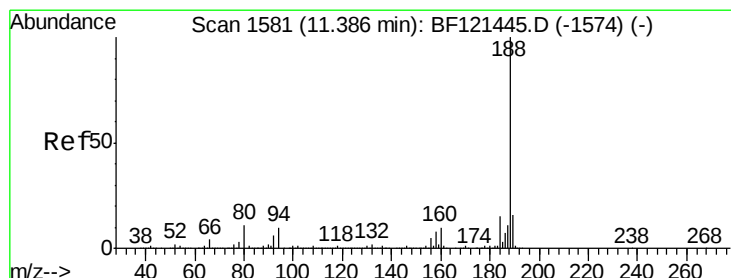
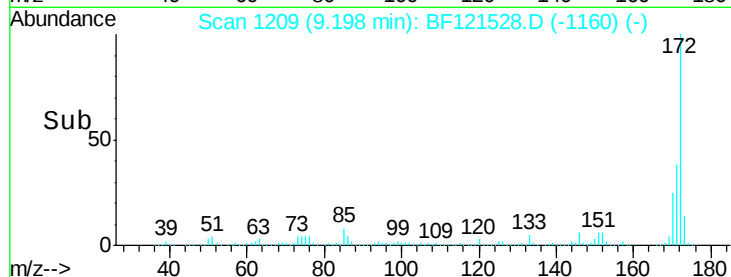
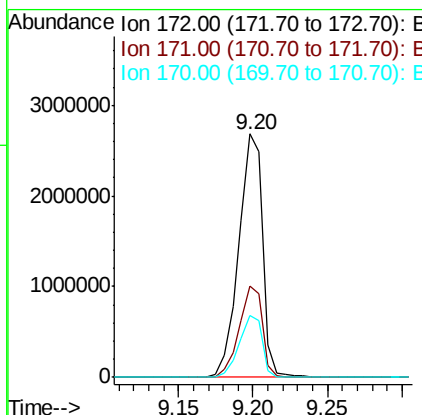
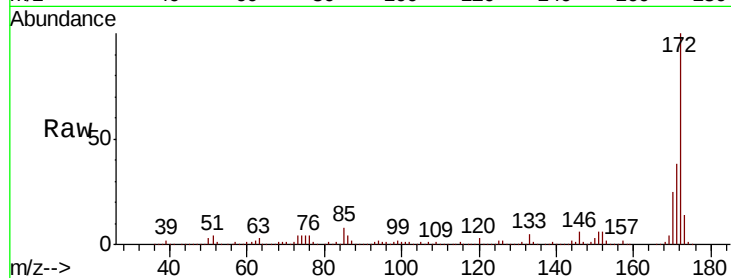


#45
 2-Fluorobiphenyl
 Concen: 77.463 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B44-090320-DP

Tot Ion:172 Resp: 2978544

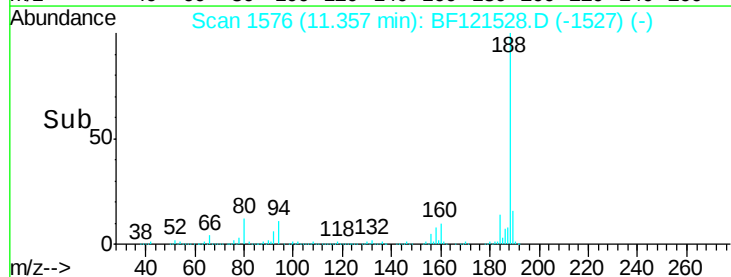
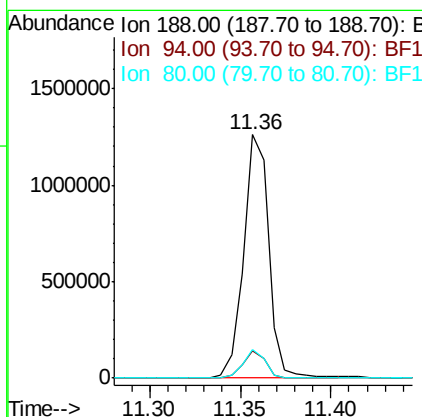
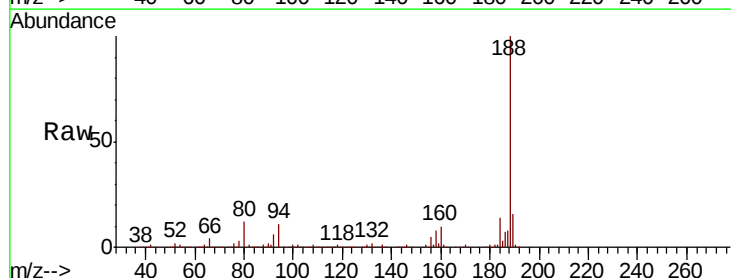
Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.4	45.6
170	25.5	20.7	31.1

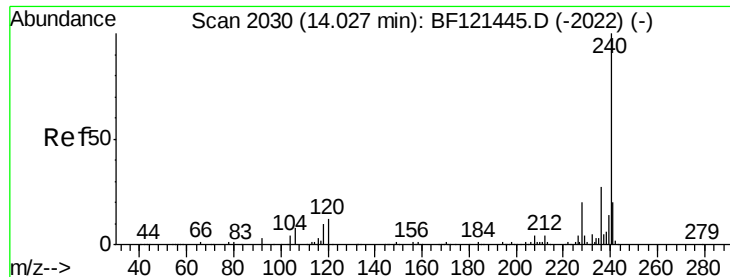


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF121528.D
 Acq: 8 Sep 2020 18:27

Tgt Ion:188 Resp: 1209488

Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.8	13.2
80	11.6	9.1	13.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.02 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

Instrument :

BNA_F

ClientSampleId :

PAV-B44-090320-DP

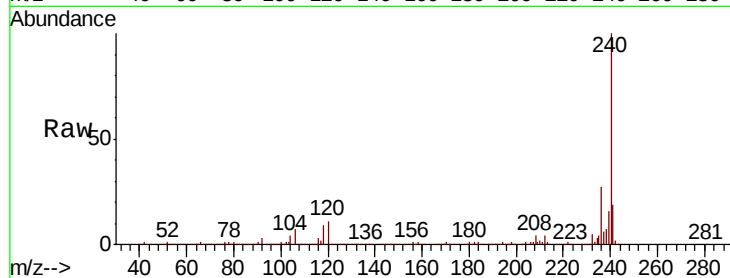
Tot Ion:240 Resp: 1004282

Ion Ratio Lower Upper

240 100

120 10.8 8.0 12.0

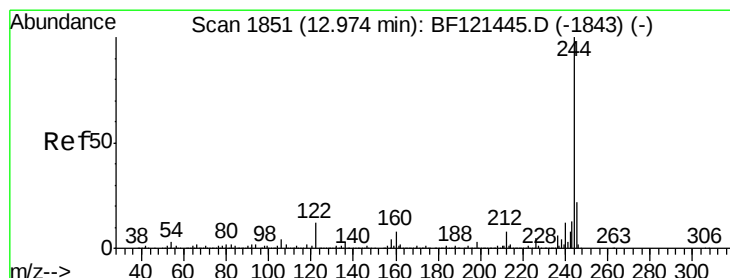
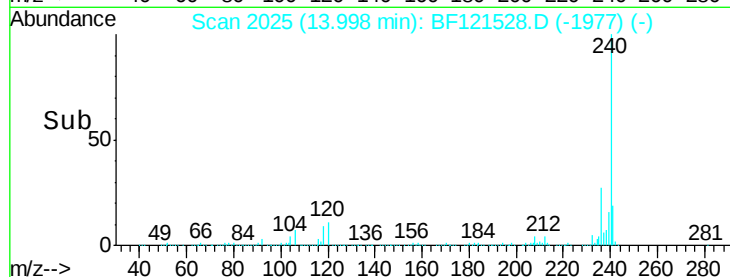
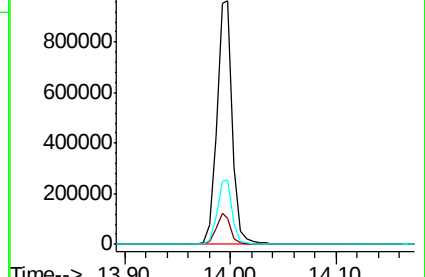
236 26.6 21.4 32.2



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: 72.496 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BF121528.D

Acq: 8 Sep 2020 18:27

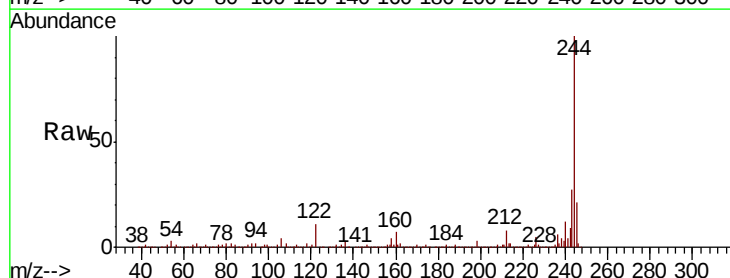
Tgt Ion:244 Resp: 3458795

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

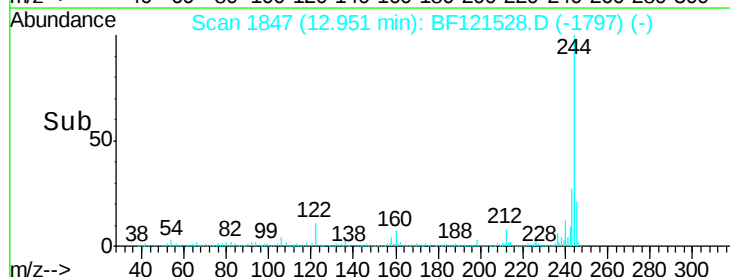
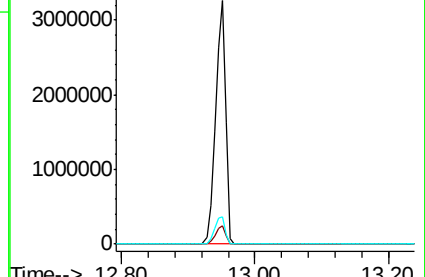
122 11.0 9.3 13.9

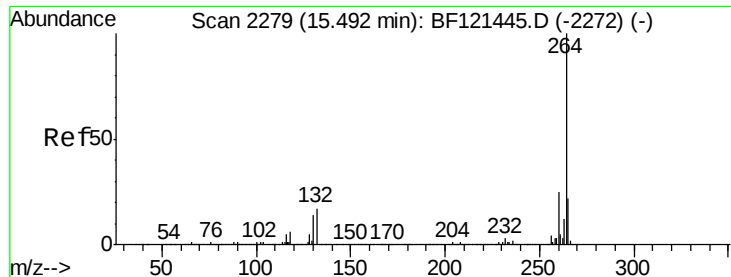


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. -0.02 min
Lab File: BF121528.D
Acq: 8 Sep 2020 18:27

Instrument :
BNA_F
ClientSampleId :
PAV-B44-090320-DP

Tot Ion: 264 Resp: 880453

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.7	29.5
265	21.6	17.4	26.2

