

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 16:54:02 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

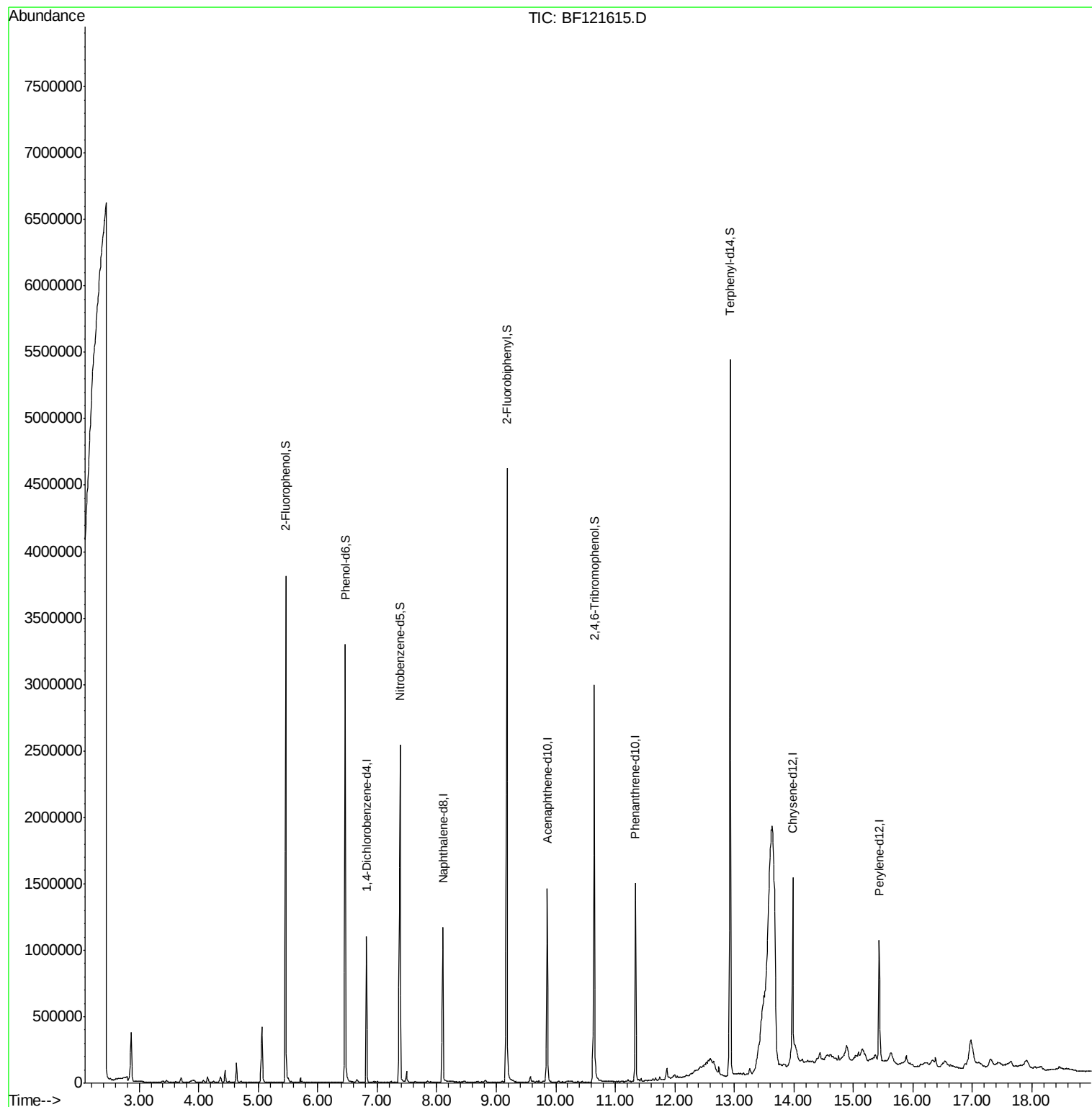
Target Compounds Qvalue

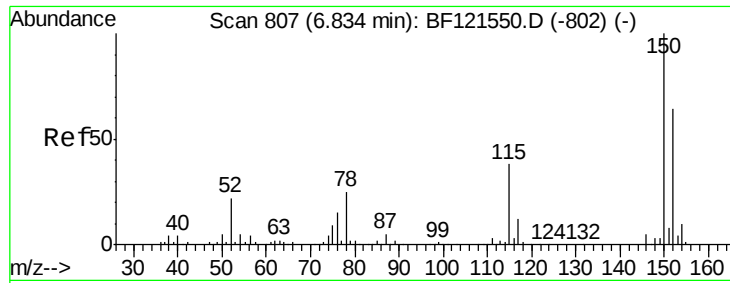
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 16:54:02 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



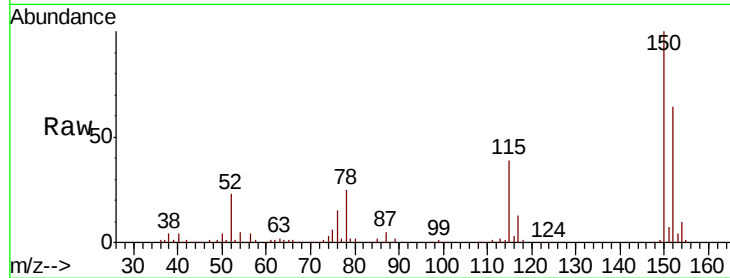


#1

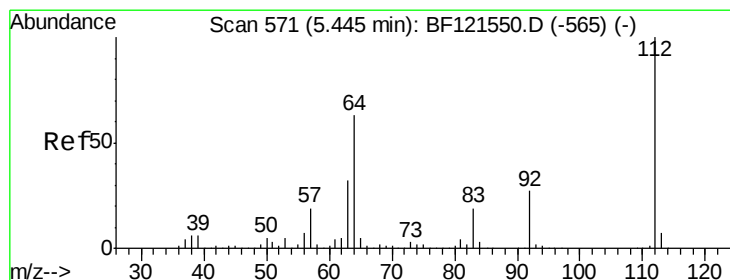
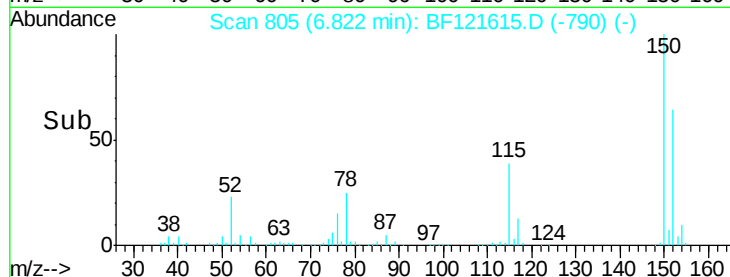
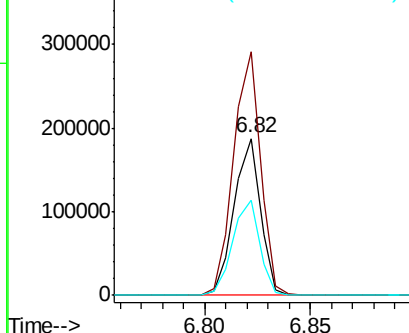
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

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



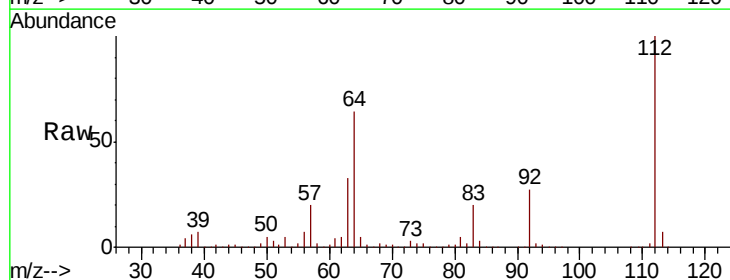
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



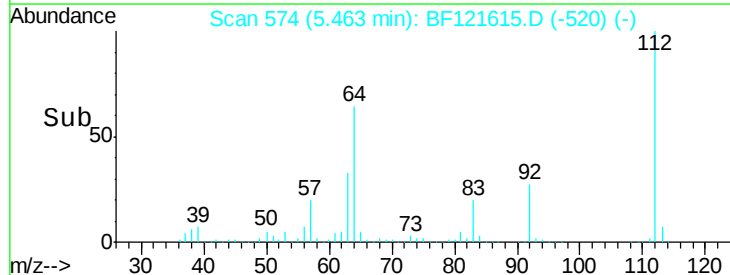
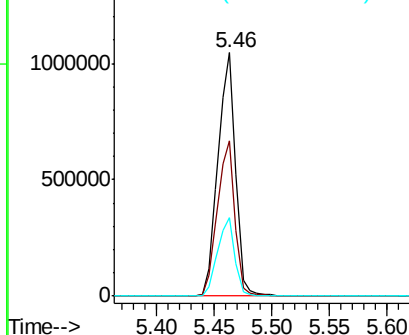
#5

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 :

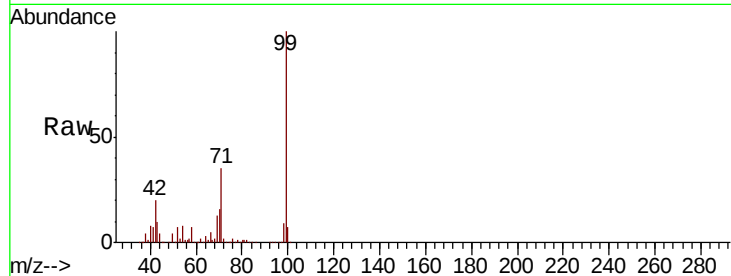
BNA_F

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

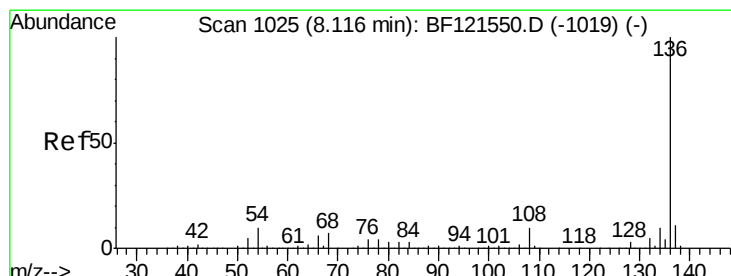
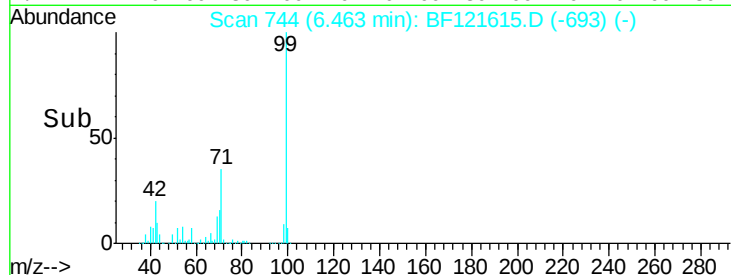


Abundance

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: 8.10 min Scan# 1023

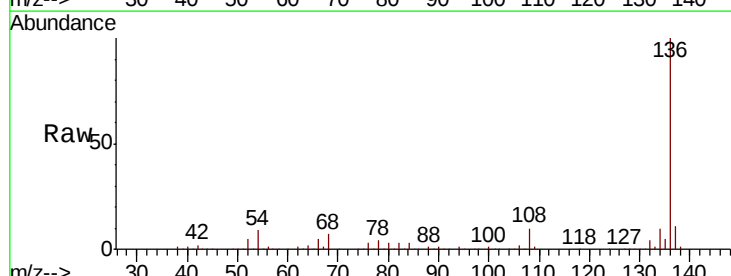
Delta R.T. -0.01 min

Lab File: BF121615.D

Acq: 18 Sep 2020 16:17

Tgt 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



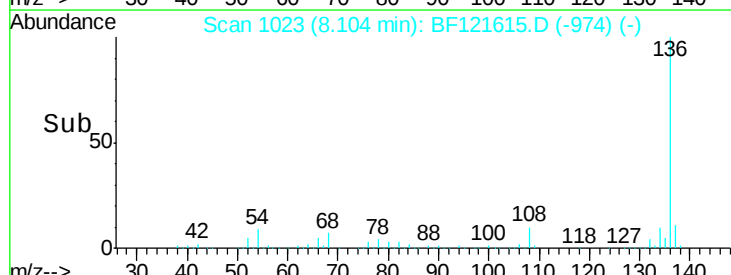
Abundance

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

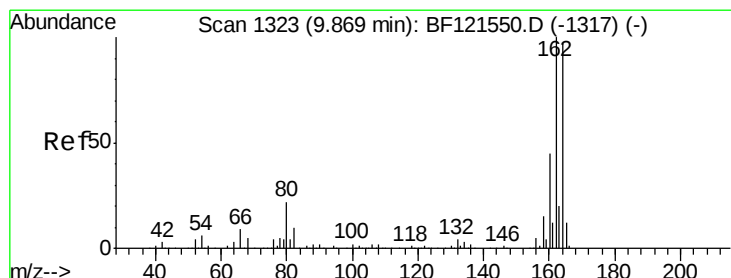
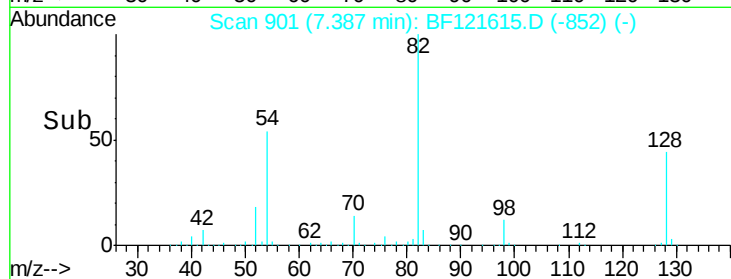
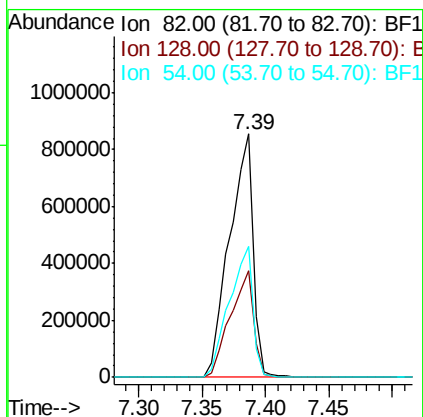
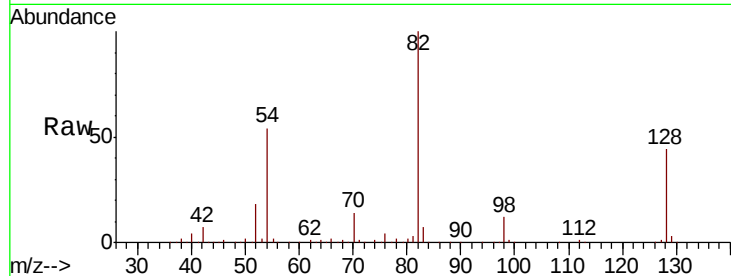




#23
Nitrobenzene-d5
Concen: 92.431 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF121615.D
Acq: 18 Sep 2020 16:17

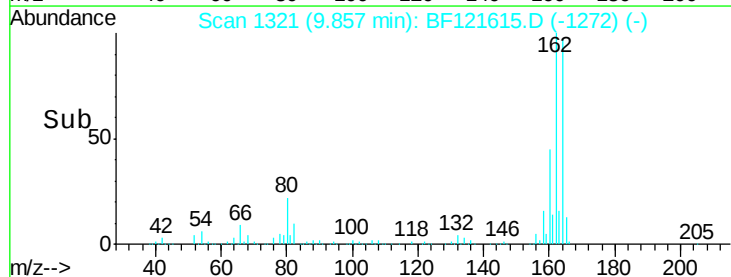
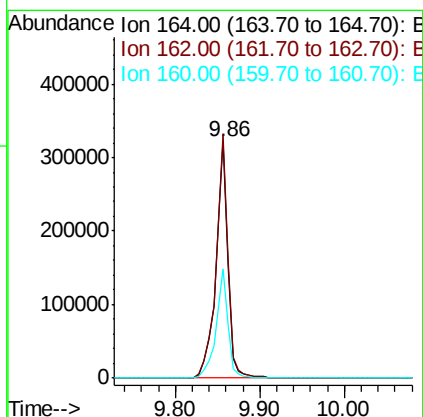
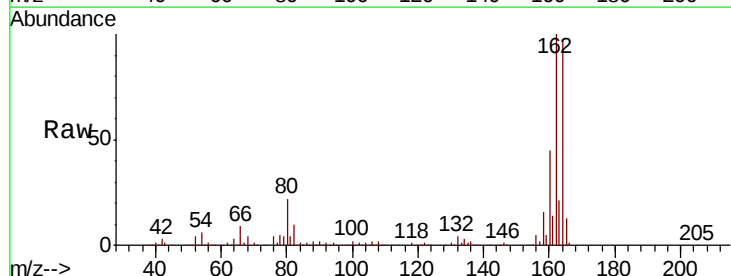
Instrument :
BNA_F
ClientSampleId :
PAV-B33-091720-0-10

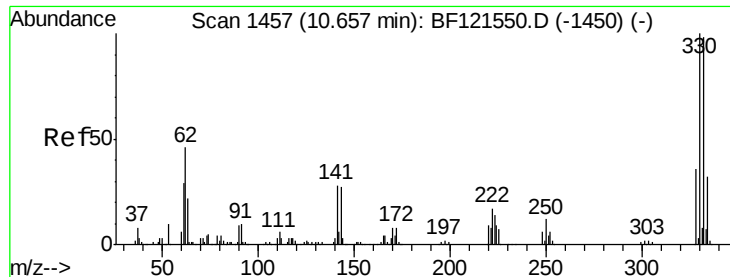
Tot Ion: 82 Resp: 1104355
Ion Ratio Lower Upper
82 100
128 43.7 35.1 52.7
54 53.9 43.0 64.6



#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

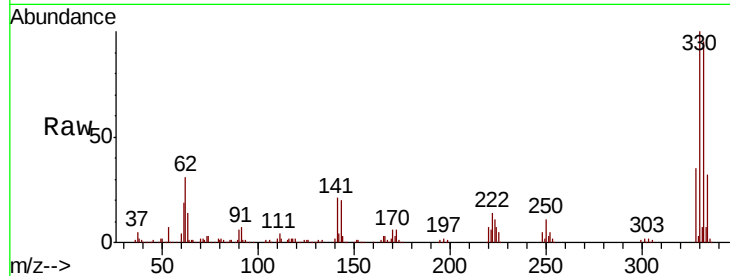




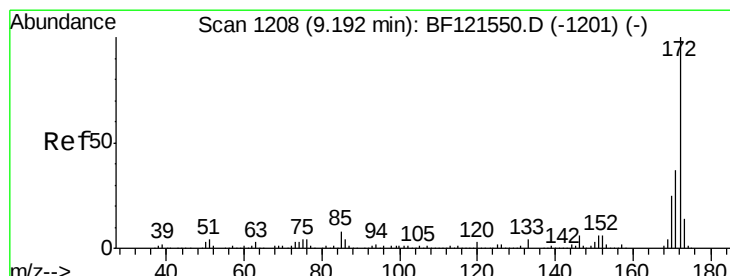
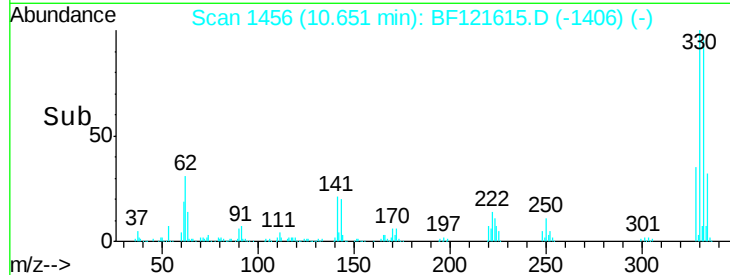
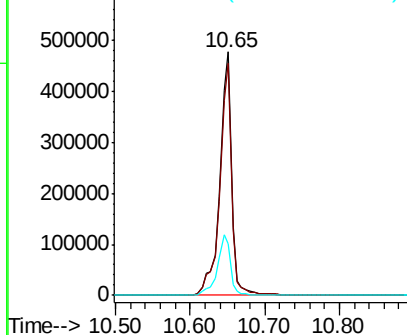
#42
 2,4,6-Tribromophenol
 Concen: 127.049 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

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

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

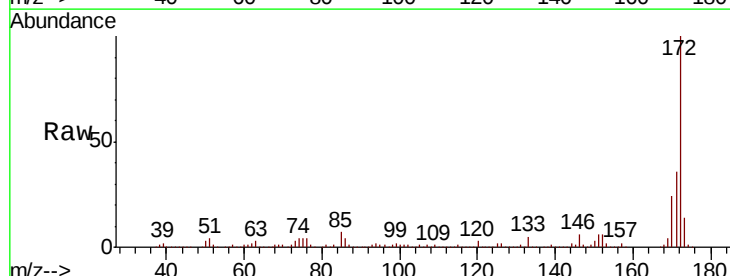


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

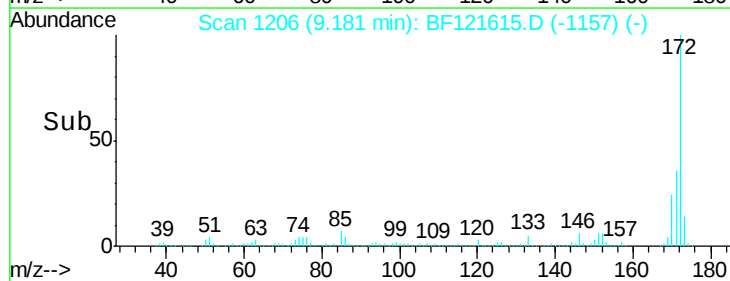
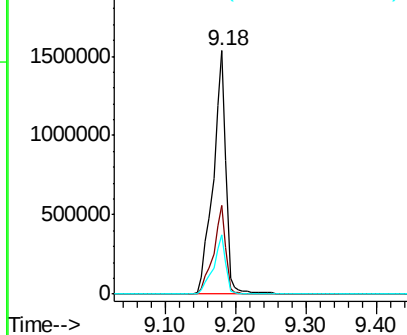


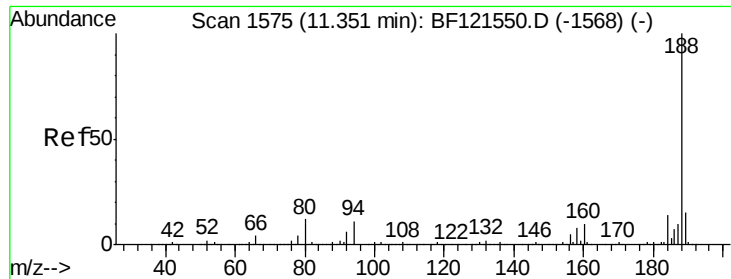
#45
 2-Fluorobiphenyl
 Concen: 88.302 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121615.D
 Acq: 18 Sep 2020 16:17

Tgt Ion	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





#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

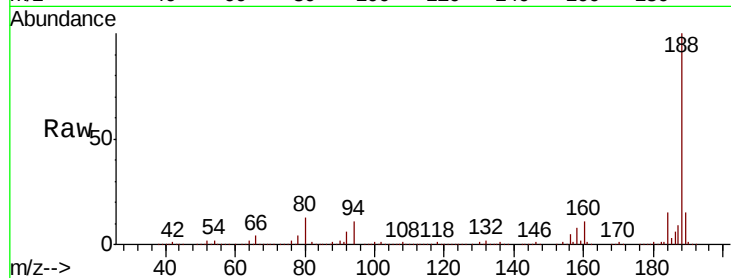
Tot Ion:188 Resp: 627812

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

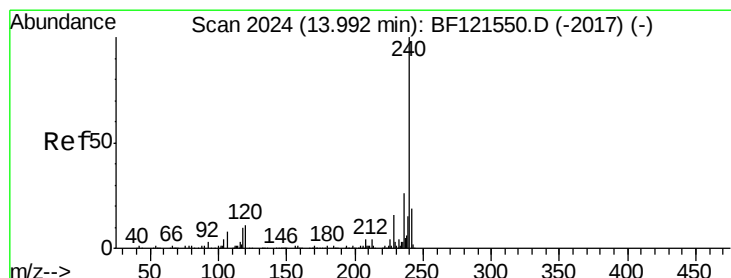
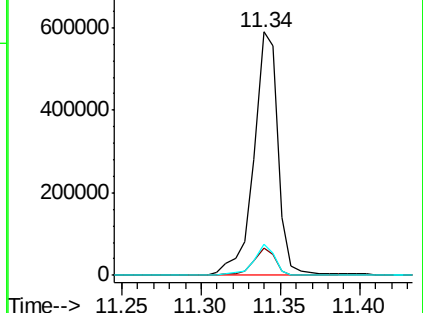
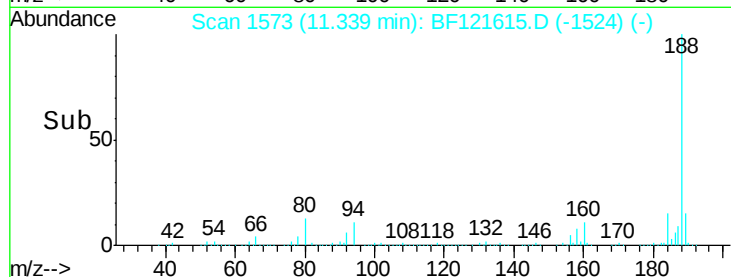
80 12.6 9.3 13.9



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



#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

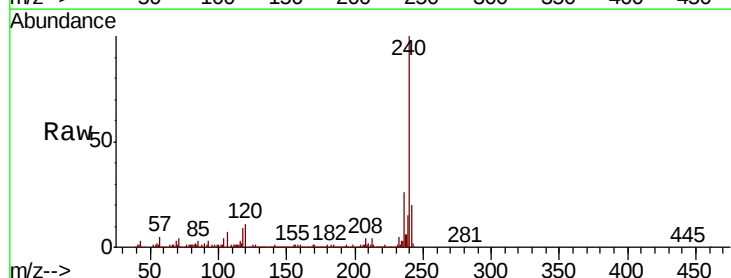
Tgt Ion:240 Resp: 474668

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

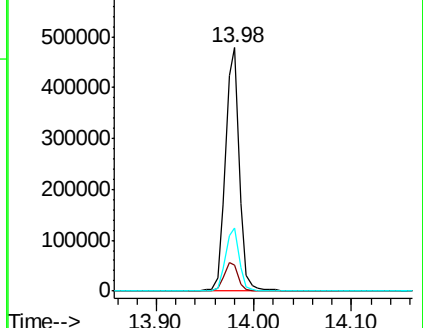
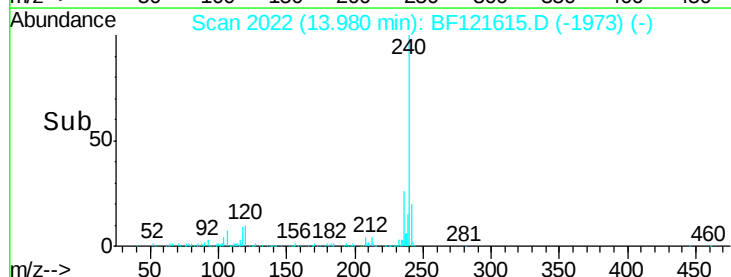
236 26.1 20.5 30.7

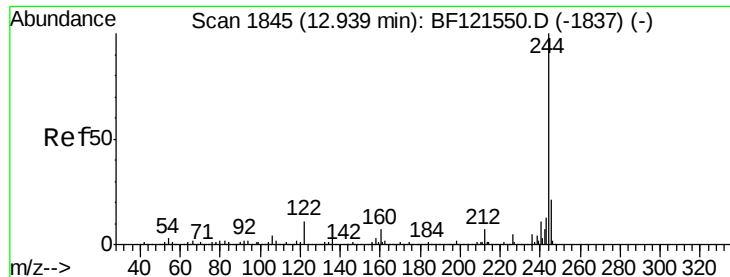


Abundance Ion 240.00 (239.70 to 240.70): E

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

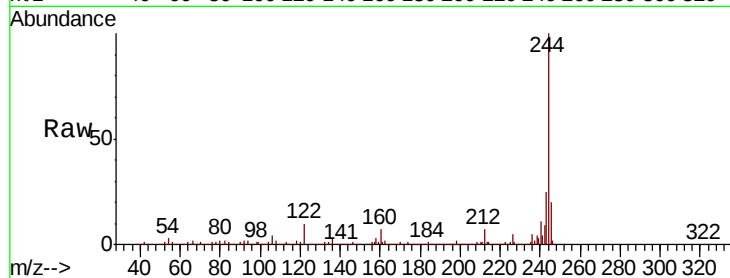
Tot Ion:244 Resp: 2005682

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

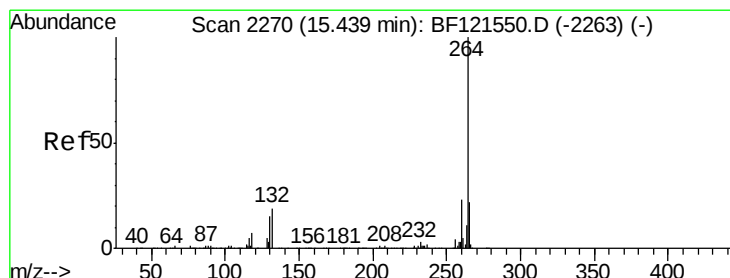
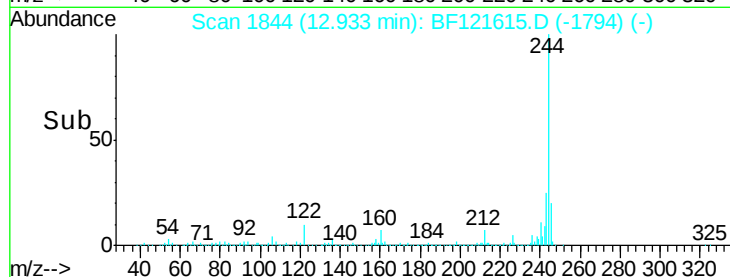
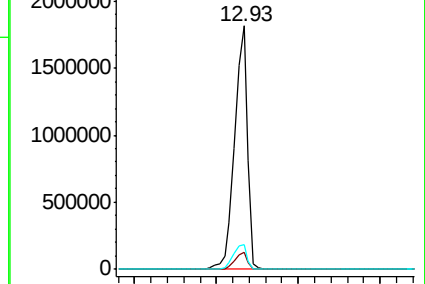
122 10.2 8.7 13.1



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



#86

Perylene-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

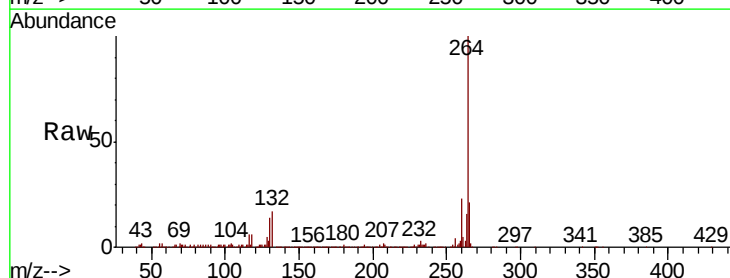
Tgt Ion:264 Resp: 420508

Ion Ratio Lower Upper

264 100

260 23.2 18.8 28.2

265 21.1 17.8 26.6



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

