

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121581.D
 Acq On : 15 Sep 2020 17:01
 Operator : JU/CG
 Sample : L4013-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Quant Time: Sep 16 01:15:54 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	6.83	152	199511	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	787045	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	421157	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	792323	20.00	ng	0.00
76) Chrysene-d12	13.99	240	583636	20.00	ng	0.00
86) Perylene-d12	15.44	264	457608	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1283805	95.63	ng	0.03
7) Phenol-d6	6.47	99	1457545	82.76	ng	0.01
23) Nitrobenzene-d5	7.40	82	1295055	88.35	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	626827	119.75	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	2140790	76.99	ng	0.00
79) Terphenyl-d14	12.94	244	2430209	84.36	ng	0.00

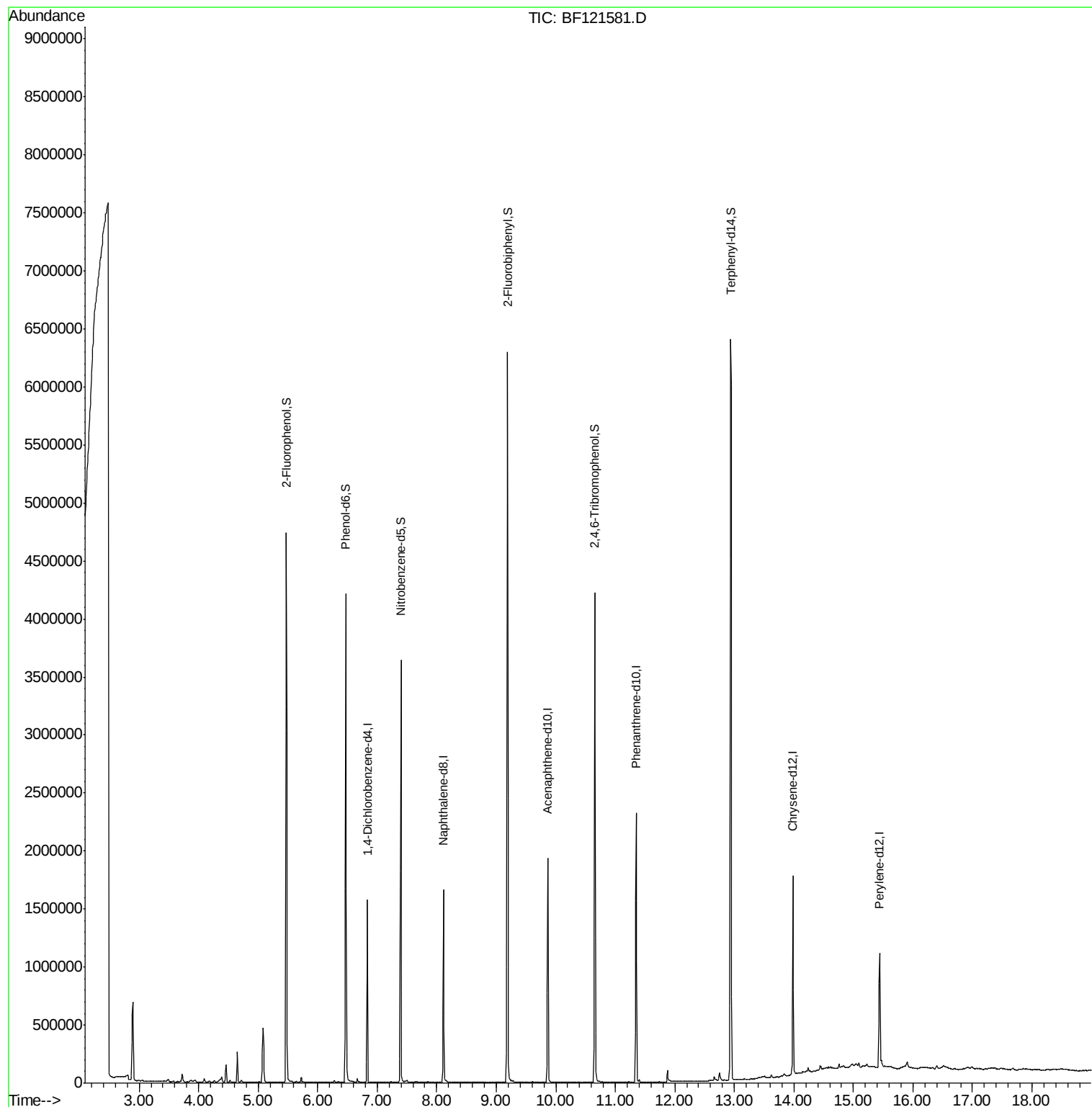
Target Compounds Qvalue

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

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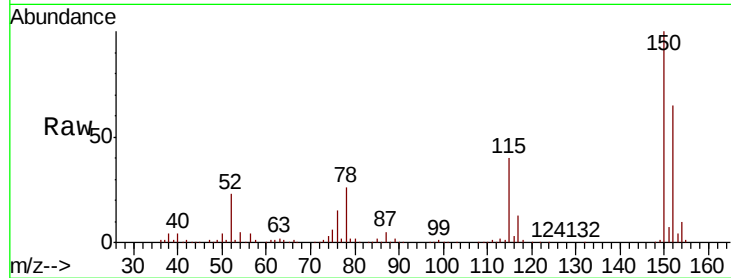


#1

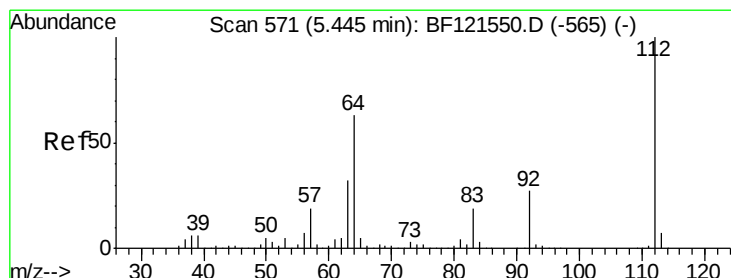
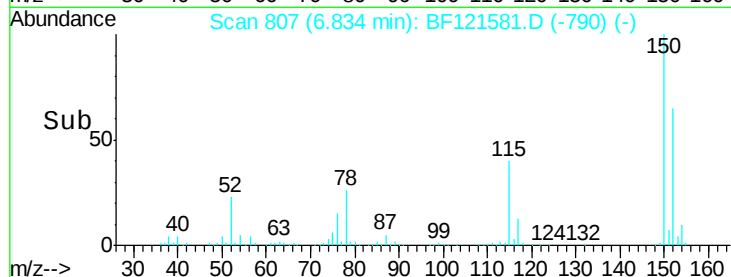
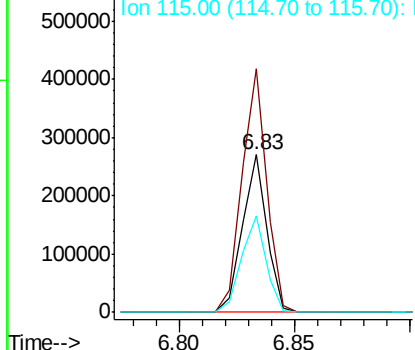
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion:152 Resp: 199511
Ion Ratio Lower Upper
152 100
150 154.6 125.8 188.6
115 61.3 47.8 71.8



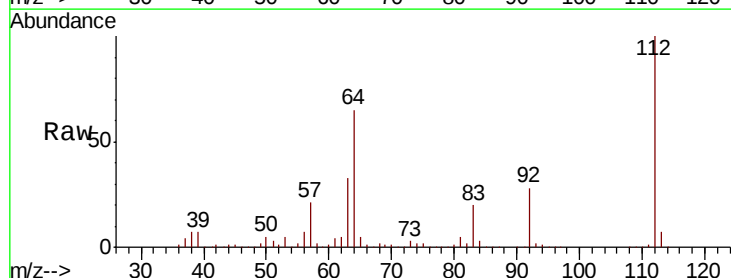
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



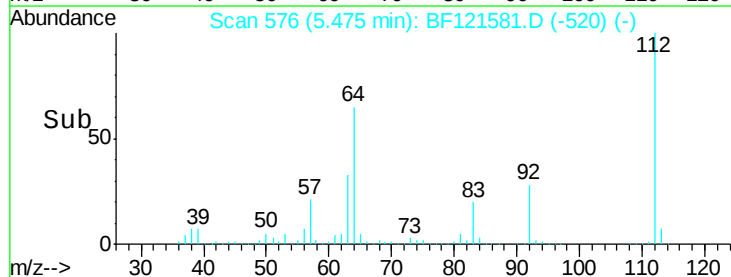
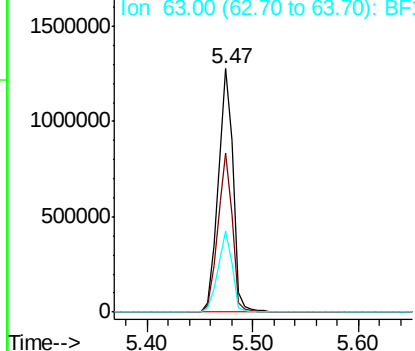
#5

2-Fluorophenol
Concen: 95.629 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.03 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Tgt Ion:112 Resp: 1283805
Ion Ratio Lower Upper
112 100
64 65.1 50.3 75.5
63 33.2 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: 82.755 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

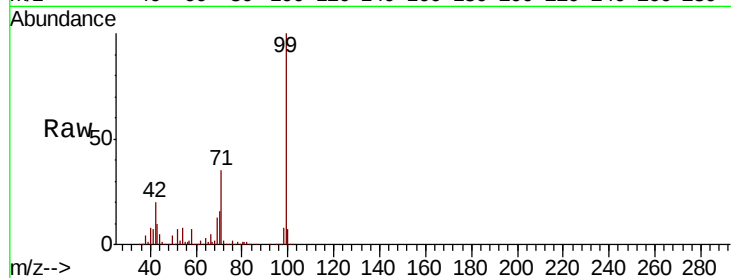
Tot Ion: 99 Resp: 1457545

Ion Ratio Lower Upper

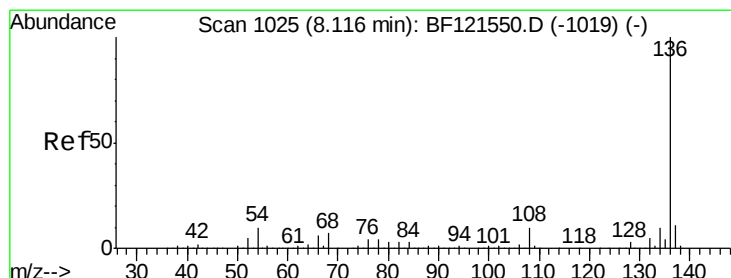
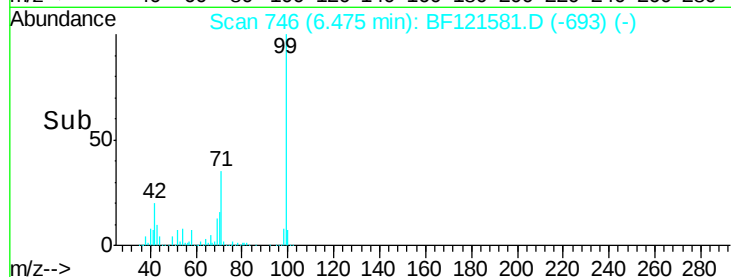
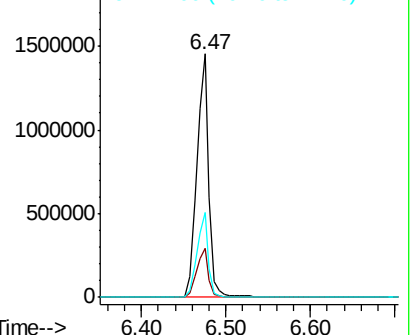
99 100

42 20.1 15.5 23.3

71 34.6 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: 8.12 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Tgt Ion: 136 Resp: 787045

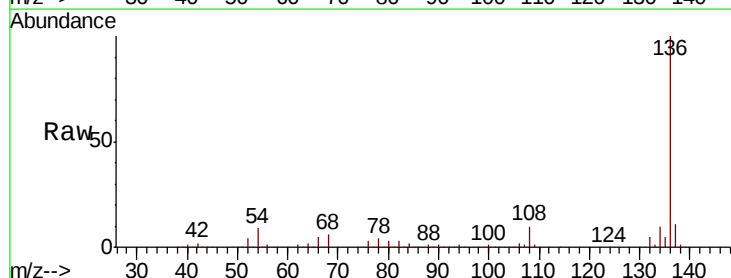
Ion Ratio Lower Upper

136 100

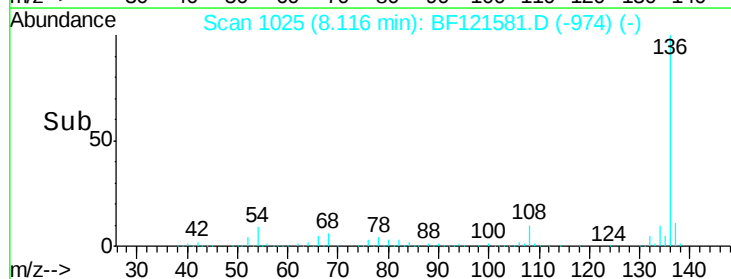
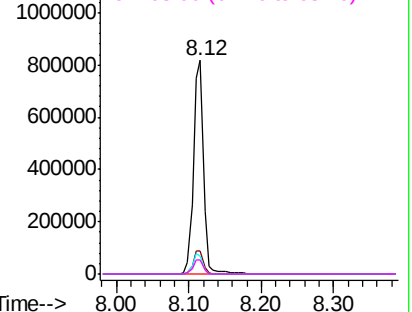
137 10.9 9.0 13.6

54 8.7 7.6 11.4

68 6.4 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

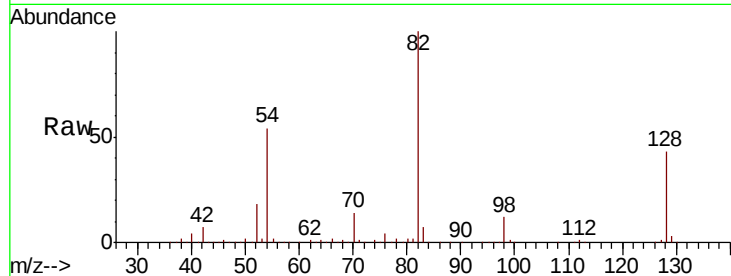




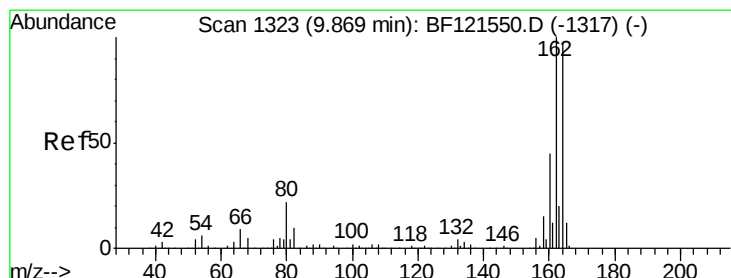
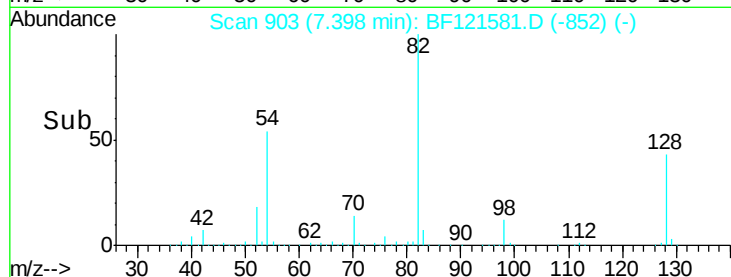
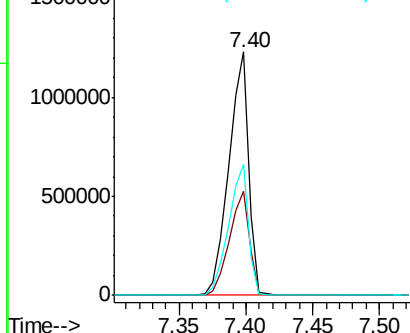
#23
 Nitrobenzene-d5
 Concen: 88.348 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

Tot Ion: 82 Resp: 1295055
 Ion Ratio Lower Upper
 82 100
 128 42.9 35.1 52.7
 54 53.6 43.0 64.6

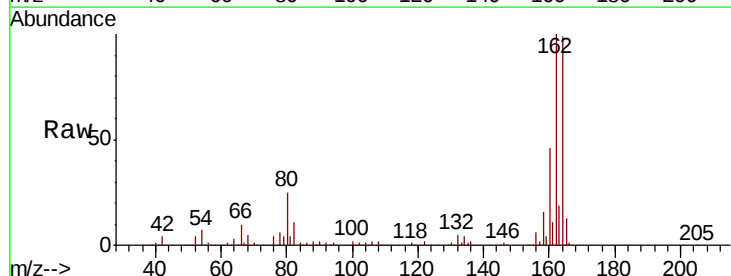


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

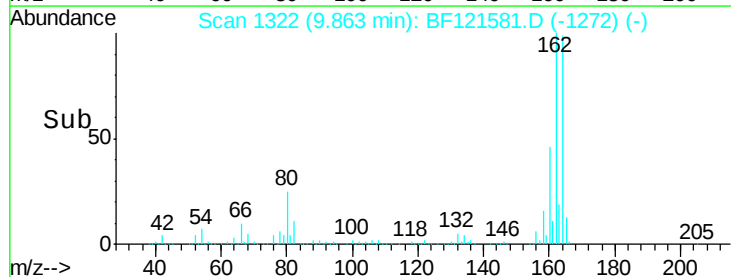
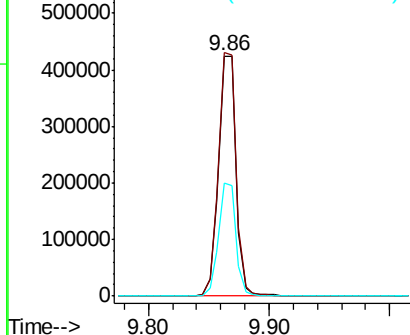


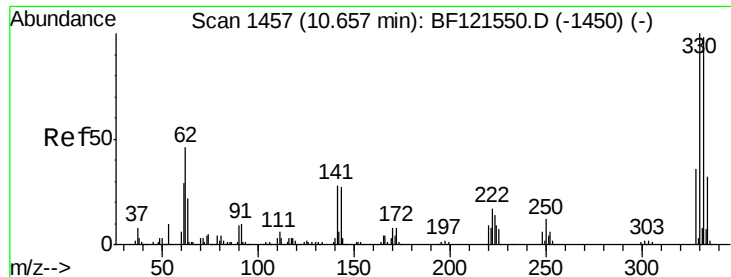
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Tgt Ion: 164 Resp: 421157
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.3 123.5
 160 47.0 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

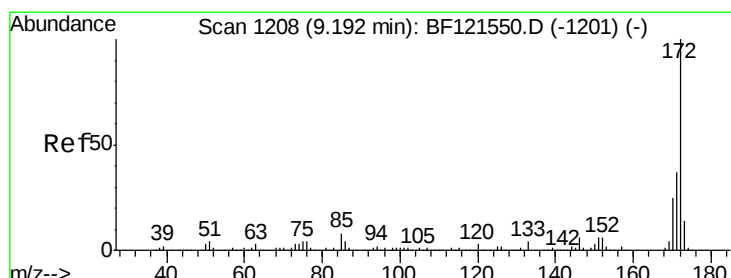
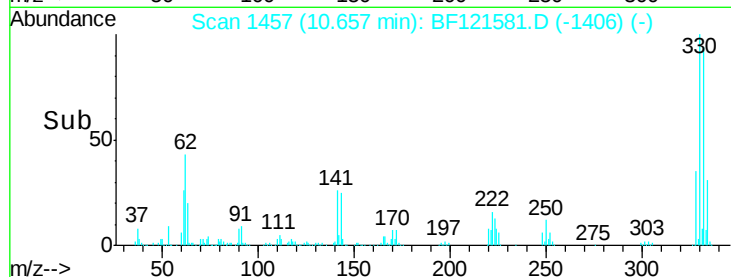
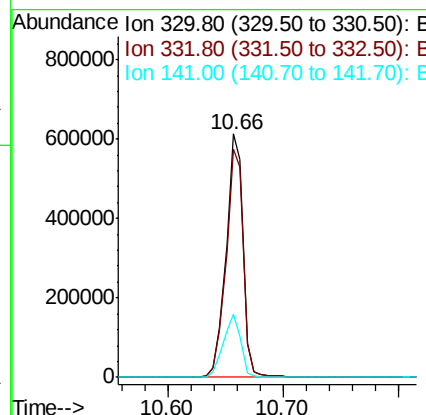
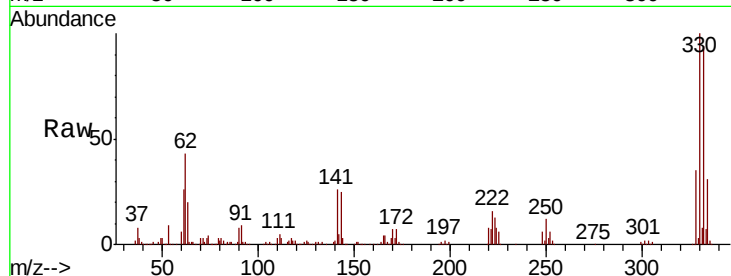




#42
 2,4,6-Tribromophenol
 Concen: 119.751 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

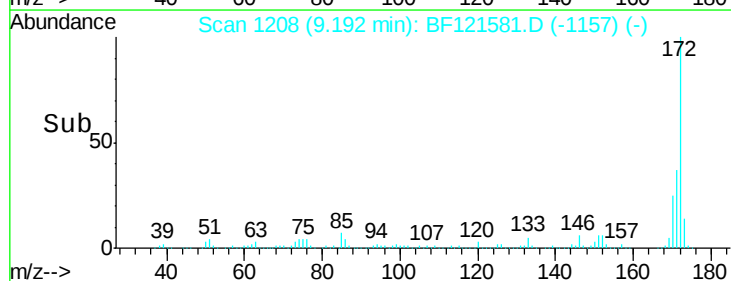
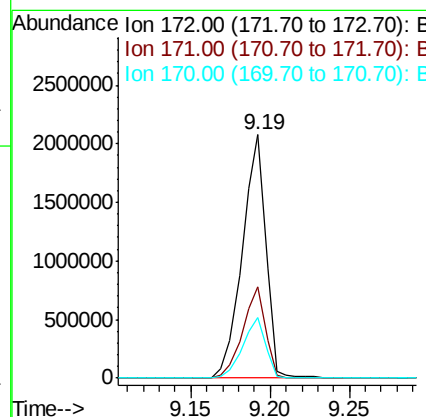
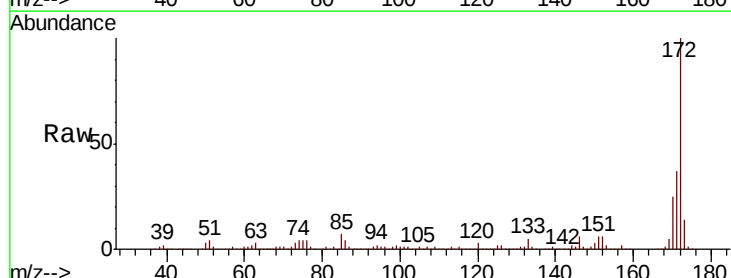
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B40-091420-10-15

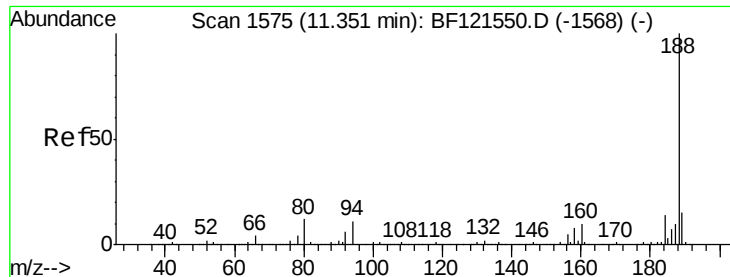
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	26.9	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 76.985 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF121581.D
 Acq: 15 Sep 2020 17:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.8	44.6
170	25.1	19.8	29.8

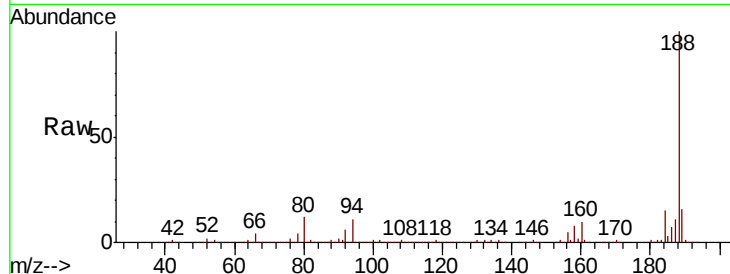




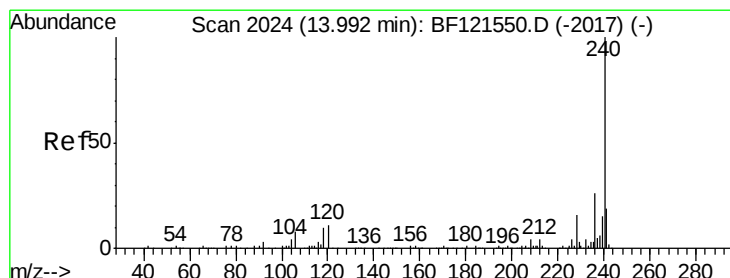
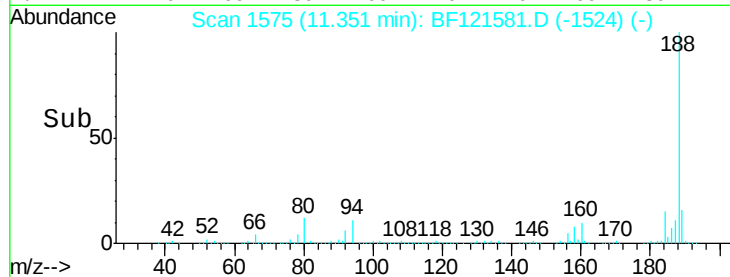
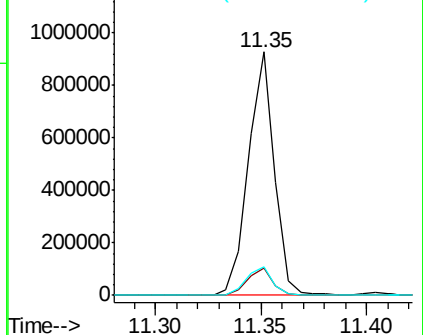
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Instrument :
BNA_F
ClientSampleId :
PAV-B40-091420-10-15

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.7	13.1
80	11.7	9.3	13.9

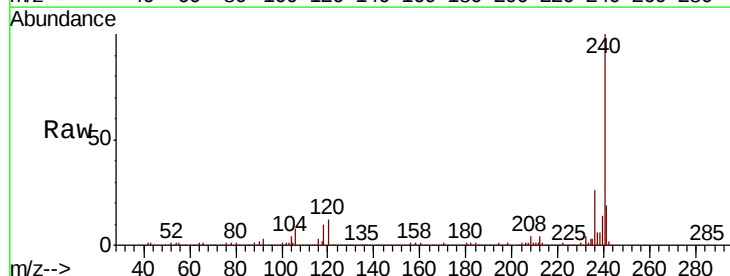


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

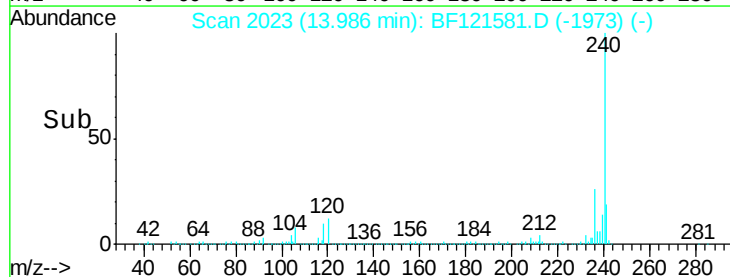
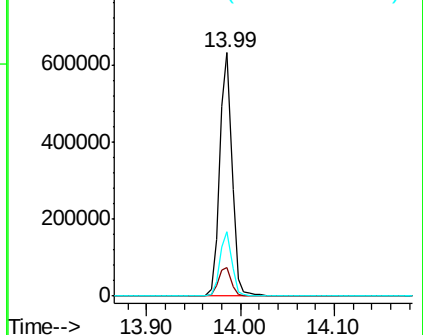


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF121581.D
Acq: 15 Sep 2020 17:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.5	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: 84.357 ng

RT: 12.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

Instrument :

BNA_F

ClientSampleId :

PAV-B40-091420-10-15

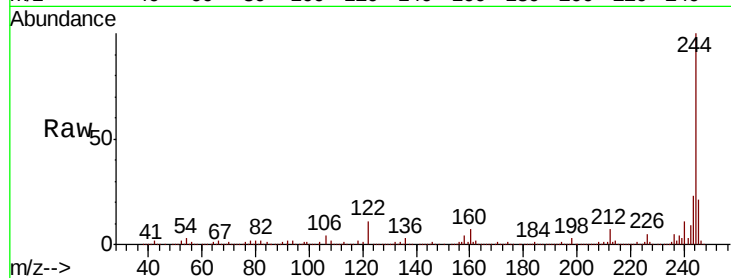
Tot Ion:244 Resp: 2430209

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

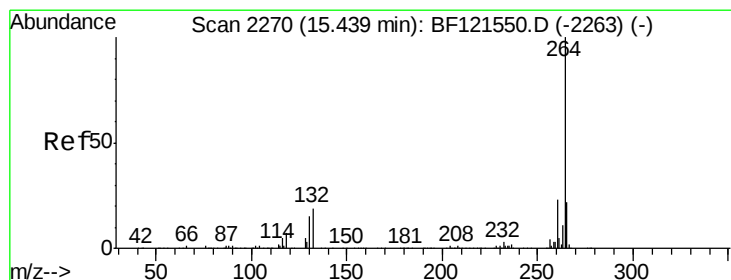
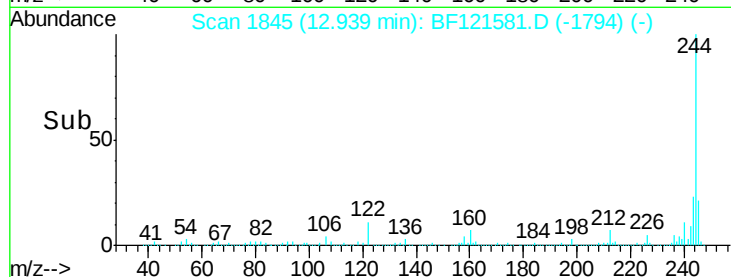
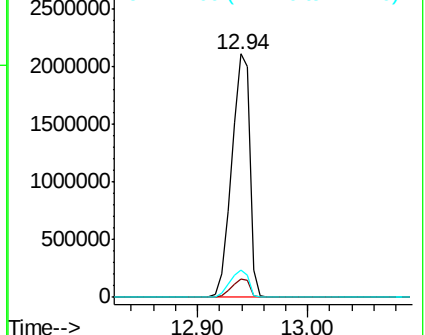
122 11.1 8.7 13.1



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: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF121581.D

Acq: 15 Sep 2020 17:01

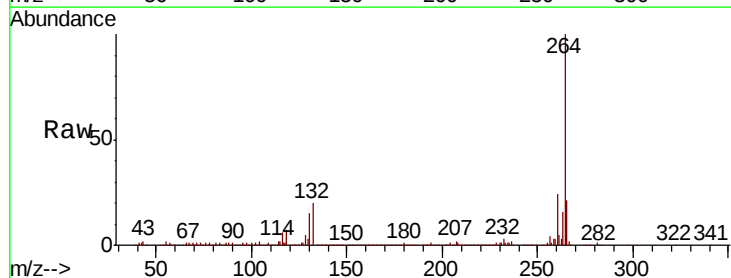
Tgt Ion:264 Resp: 457608

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.0 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

