

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091820\
 Data File : BF121618.D
 Acq On : 18 Sep 2020 17:49
 Operator : JU/CG
 Sample : L4038-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

Quant Time: Sep 18 19:03:26 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	137541	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	535770	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	276897	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	509275	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	369479	20.00	ng	-0.02
86) Perylene-d12	15.43	264	343192	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	817209	88.30	ng	0.01
7) Phenol-d6	6.46	99	985951	81.20	ng	0.00
23) Nitrobenzene-d5	7.39	82	749348	75.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.65	330	402864	117.06	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1317256	72.05	ng	-0.01
79) Terphenyl-d14	12.93	244	1588794	87.12	ng	-0.01

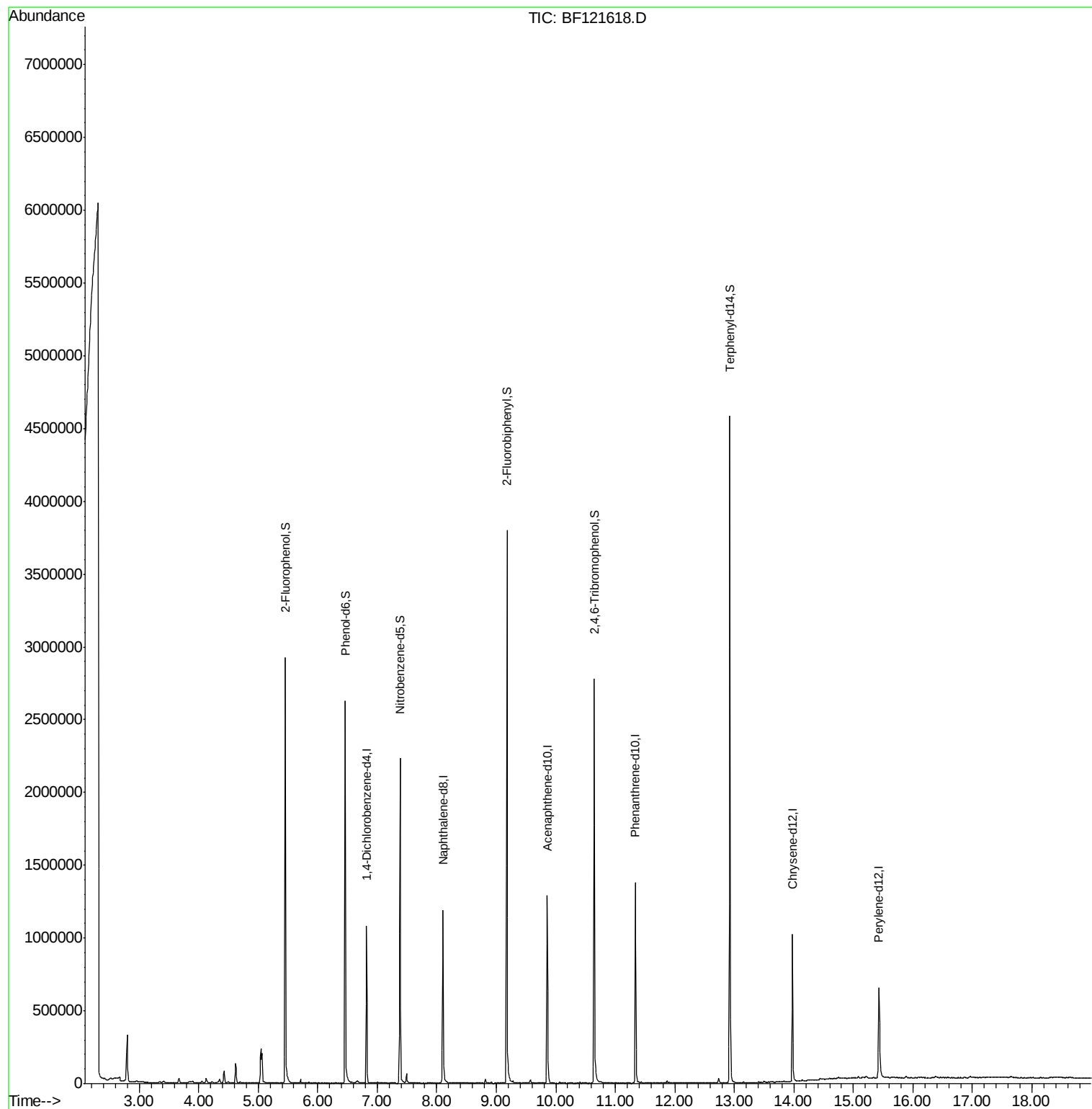
Target Compounds Qvalue

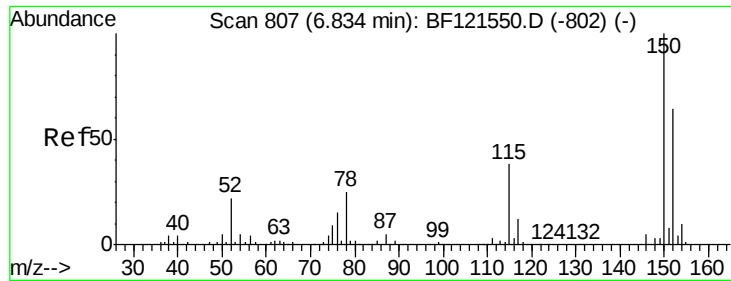
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF121618.D

Acq: 18 Sep 2020 17:49

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

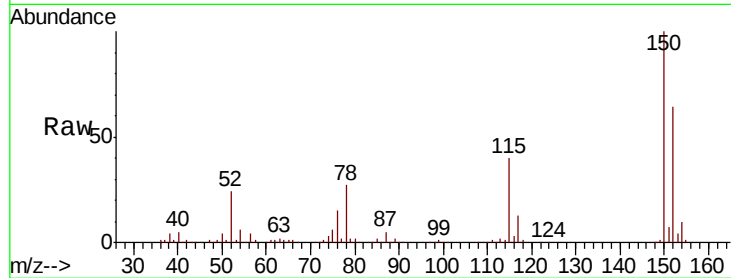
Tot Ion:152 Resp: 137541

Ion Ratio Lower Upper

152 100

150 155.7 125.8 188.6

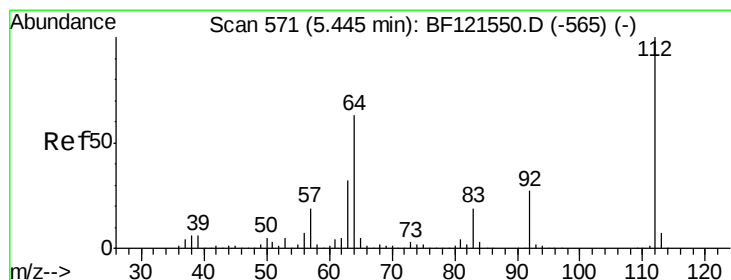
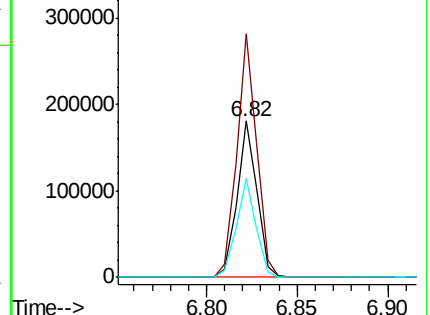
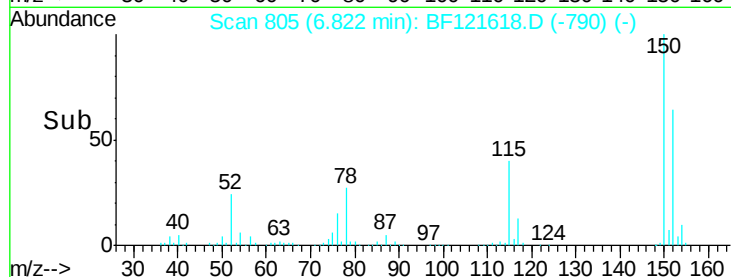
115 63.1 47.8 71.8



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: 88.299 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.01 min

Lab File: BF121618.D

Acq: 18 Sep 2020 17:49

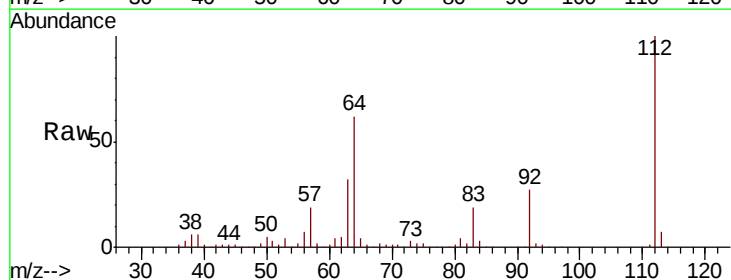
Tgt Ion:112 Resp: 817209

Ion Ratio Lower Upper

112 100

64 62.1 50.3 75.5

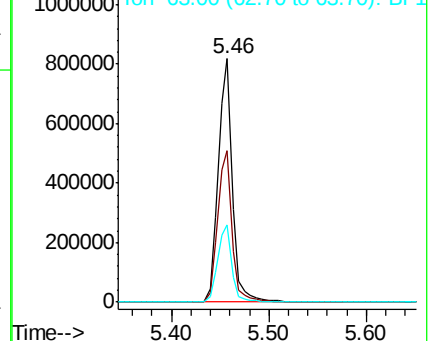
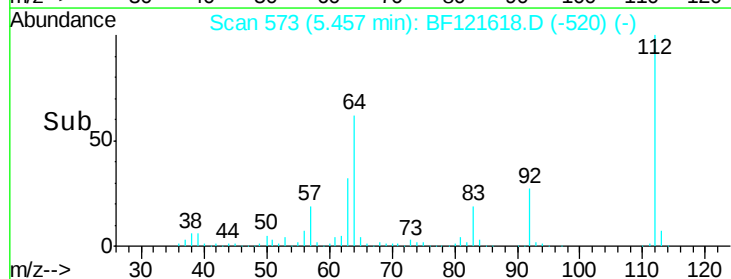
63 31.8 25.6 38.4

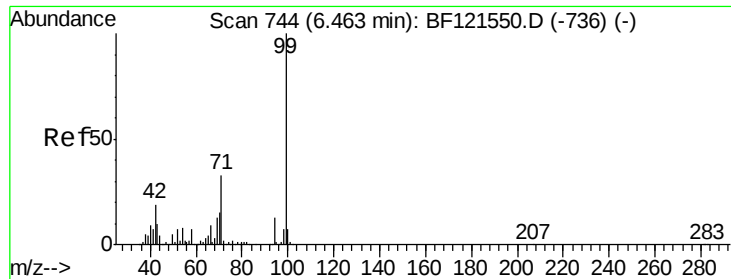


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.202 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF121618.D

Acq: 18 Sep 2020 17:49

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

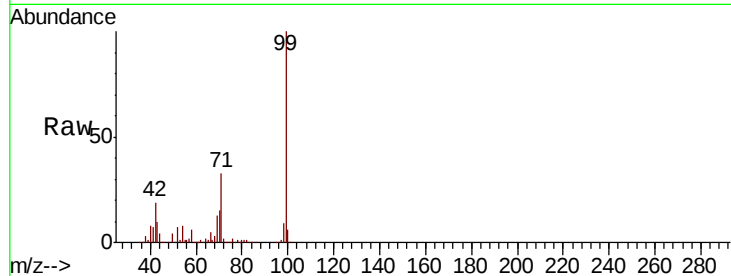
Tot Ion: 99 Resp: 985951

Ion Ratio Lower Upper

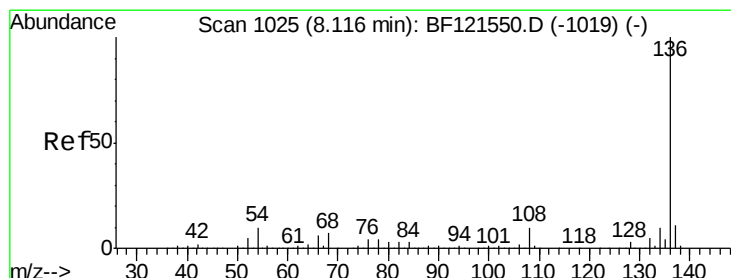
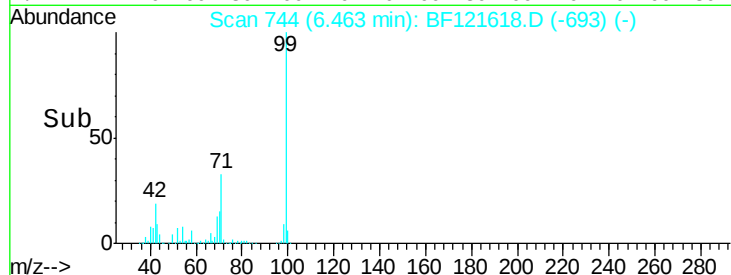
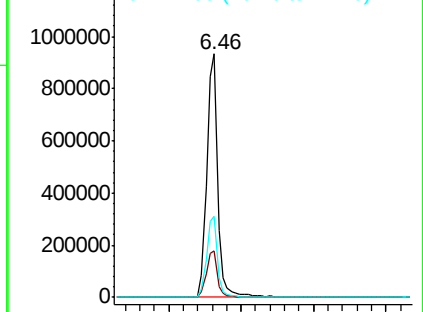
99 100

42 18.9 15.5 23.3

71 33.2 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: BF121618.D

Acq: 18 Sep 2020 17:49

Tgt Ion: 136 Resp: 535770

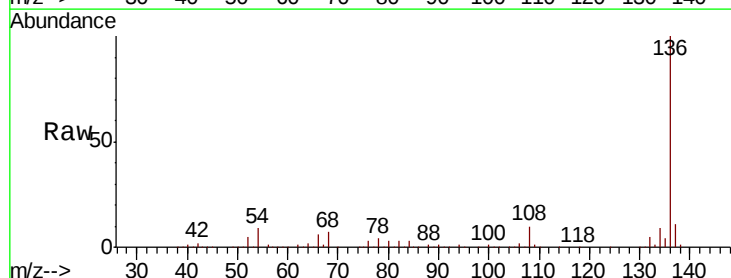
Ion Ratio Lower Upper

136 100

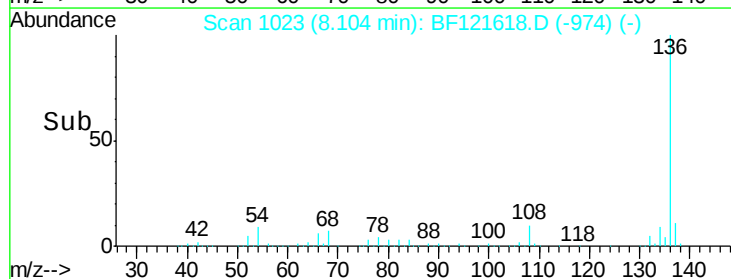
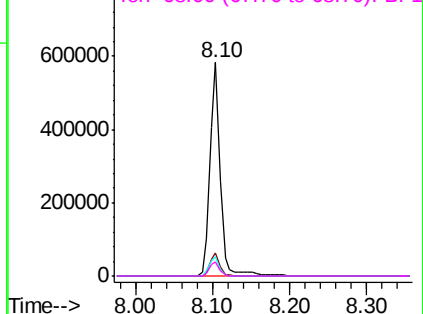
137 10.7 9.0 13.6

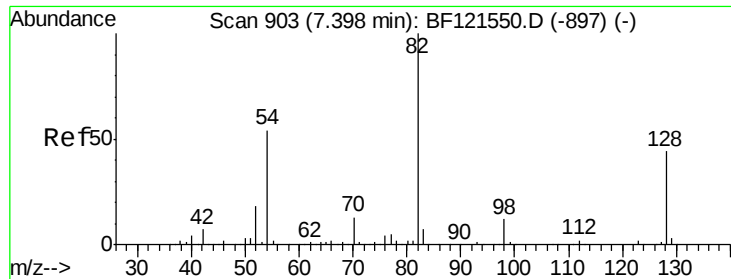
54 8.9 7.6 11.4

68 6.5 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

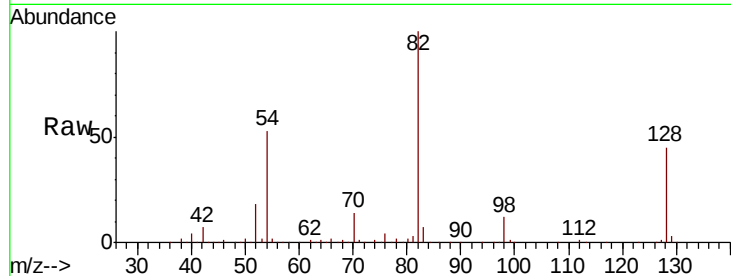




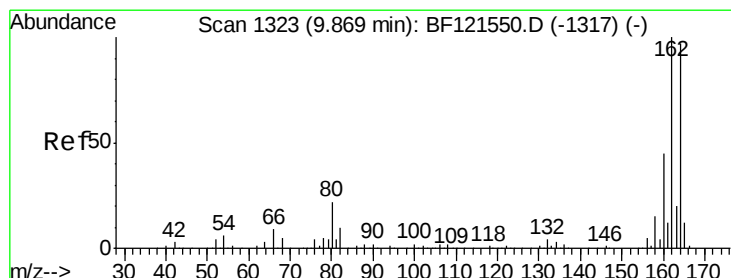
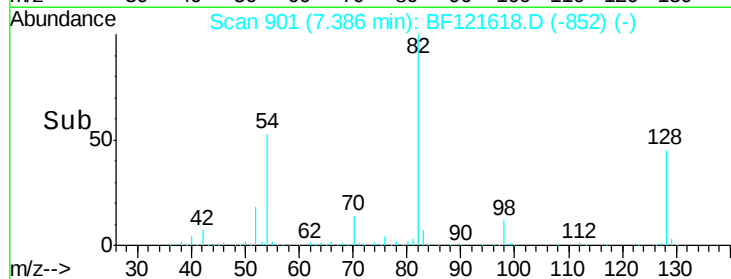
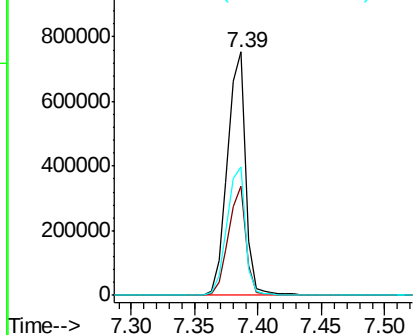
#23
 Nitrobenzene-d5
 Concen: 75.095 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.01 min
 Lab File: BF121618.D
 Acq: 18 Sep 2020 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

Tot Ion: 82 Resp: 749348
 Ion Ratio Lower Upper
 82 100
 128 45.0 35.1 52.7
 54 52.7 43.0 64.6

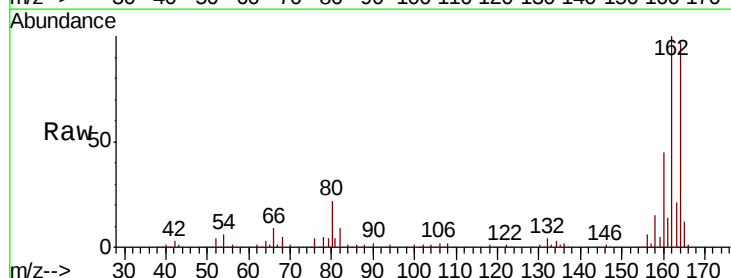


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

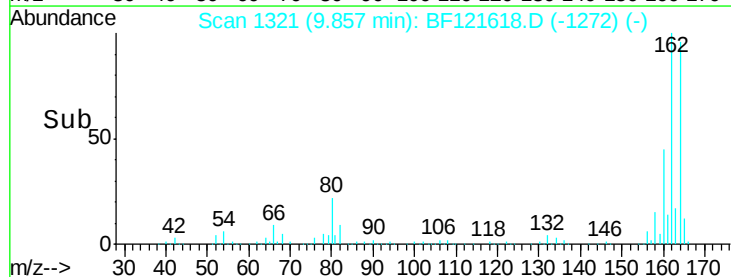
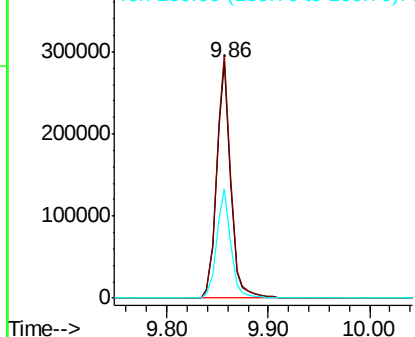


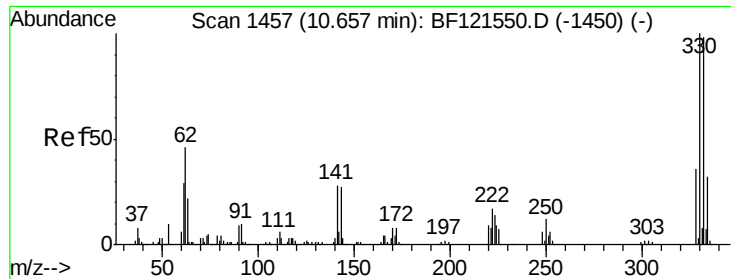
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF121618.D
 Acq: 18 Sep 2020 17:49

Tgt Ion: 164 Resp: 276897
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.3 123.5
 160 46.4 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

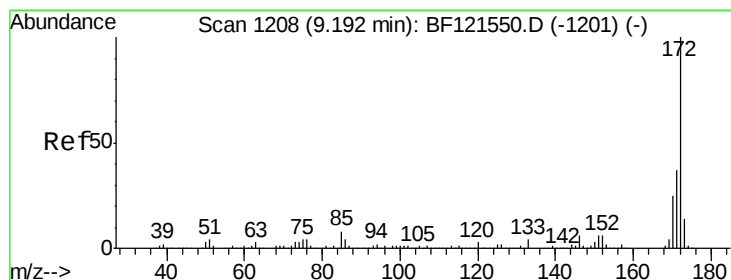
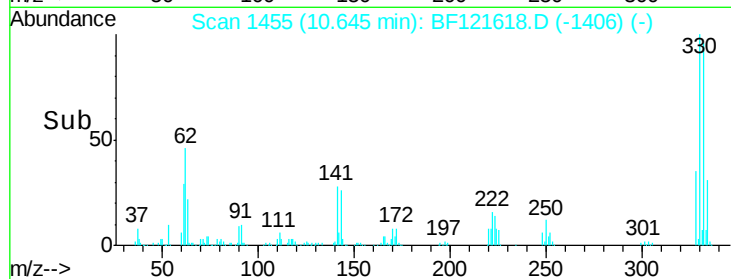
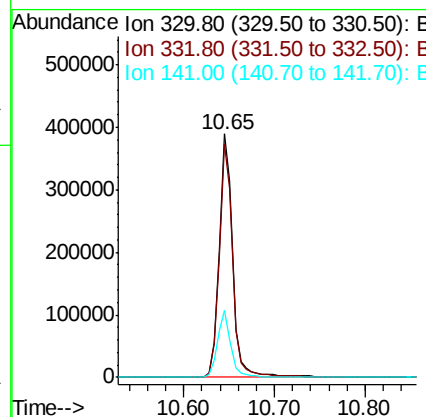
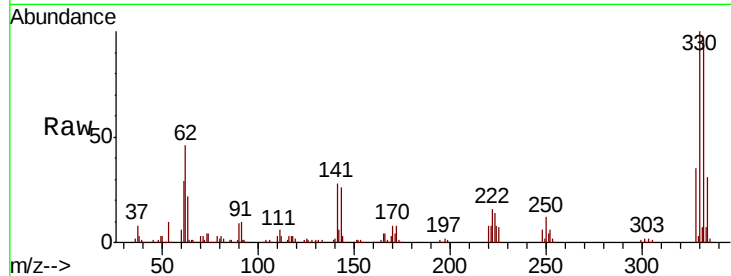




#42
 2,4,6-Tribromophenol
 Concen: 117.062 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF121618.D
 Acq: 18 Sep 2020 17:49

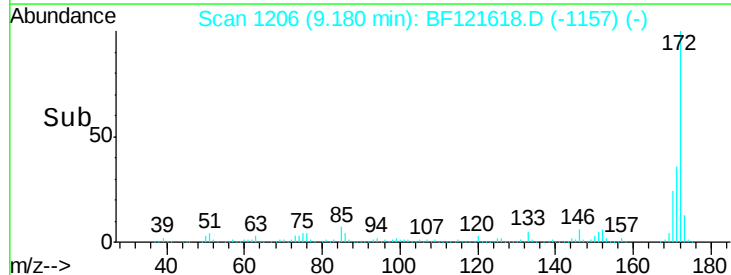
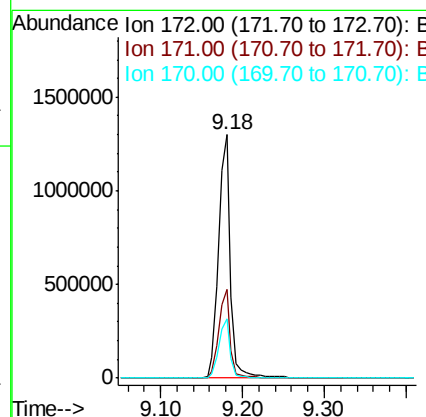
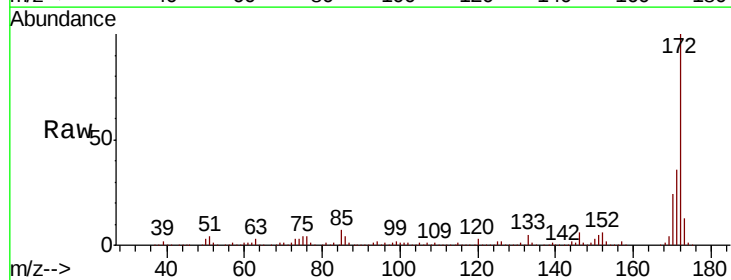
Instrument :
 BNA_F
 ClientSampleId :
 PAV-B36-091620-10-15

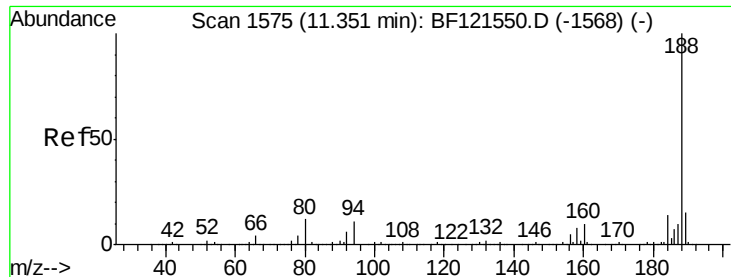
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	27.7	23.6	35.4



#45
 2-Fluorobiphenyl
 Concen: 72.049 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF121618.D
 Acq: 18 Sep 2020 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	24.2	19.8	29.8

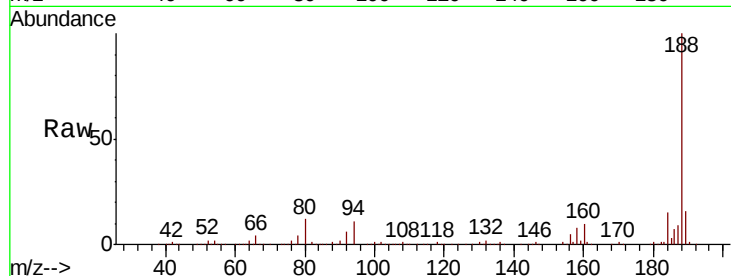




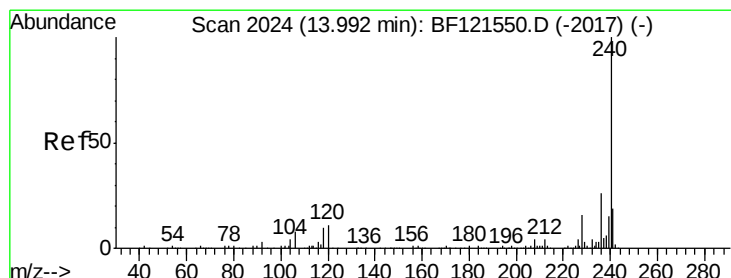
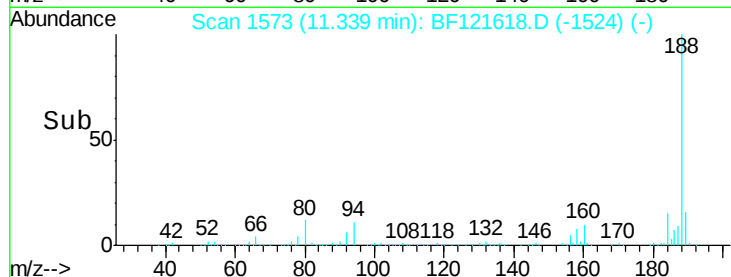
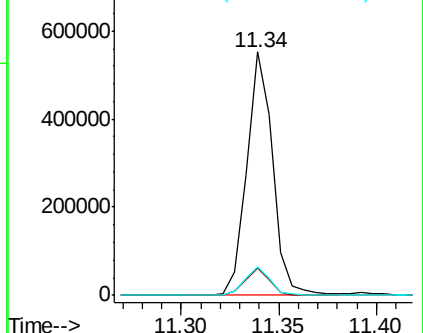
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Instrument :
BNA_F
ClientSampleId :
PAV-B36-091620-10-15

Tot Ion:188 Resp: 509275
Ion Ratio Lower Upper
188 100
94 11.1 8.7 13.1
80 12.0 9.3 13.9

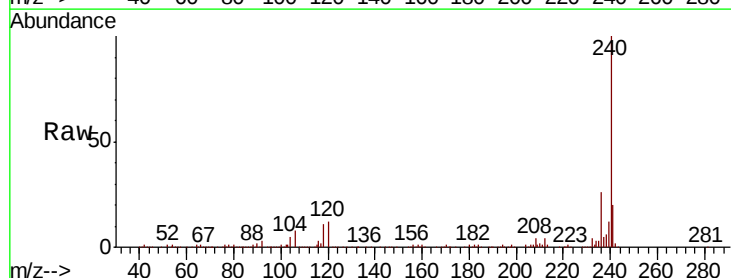


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

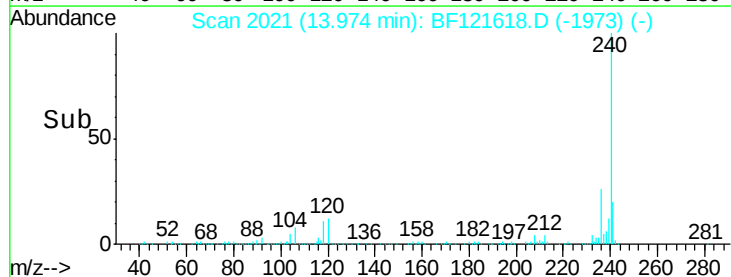
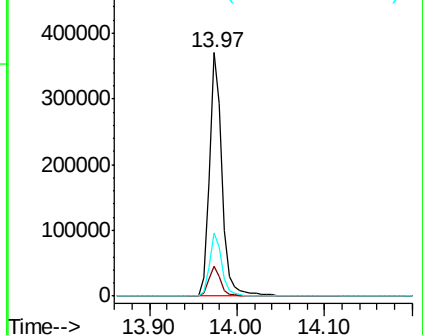


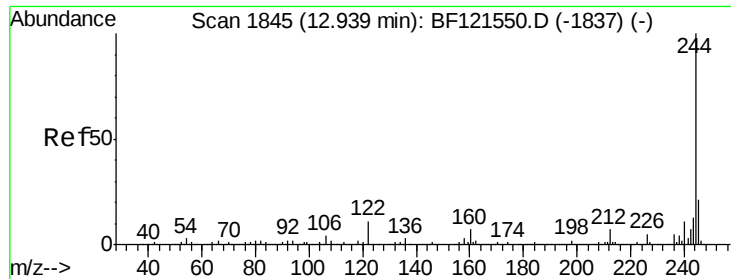
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF121618.D
Acq: 18 Sep 2020 17:49

Tgt Ion:240 Resp: 369479
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.8 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: 87.116 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121618.D

Acq: 18 Sep 2020 17:49

Instrument :

BNA_F

ClientSampleId :

PAV-B36-091620-10-15

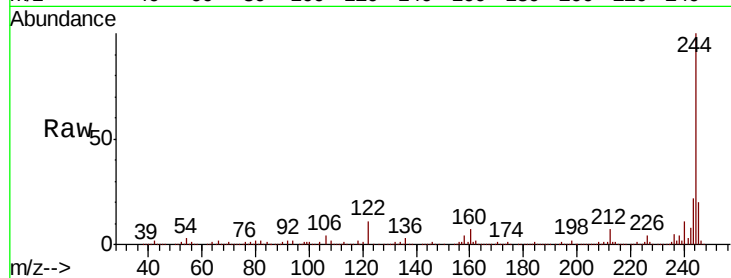
Tot Ion:244 Resp: 1588794

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 10.9 8.7 13.1

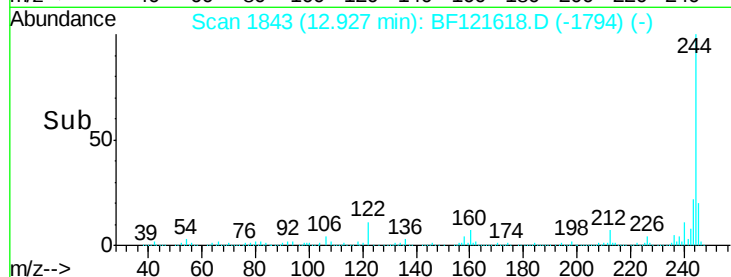


Abundance Ion 244.00 (243.70 to 244.70): E

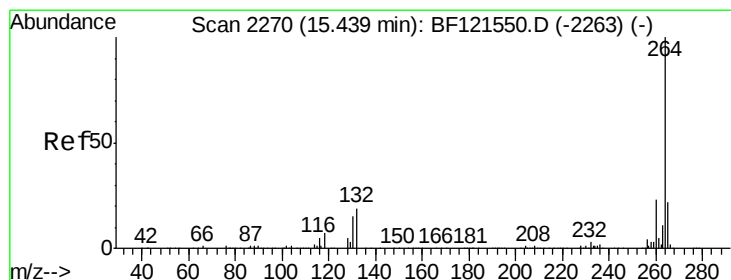
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF121618.D

Acq: 18 Sep 2020 17:49

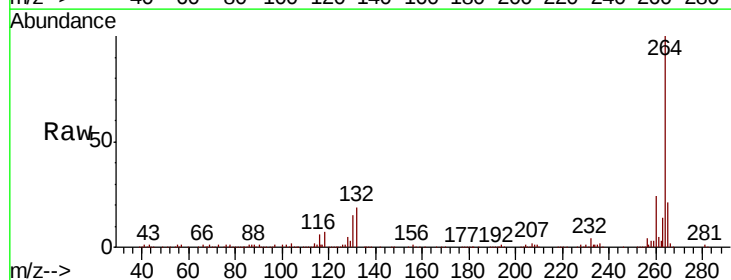
Tgt Ion:264 Resp: 343192

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 21.4 17.8 26.6

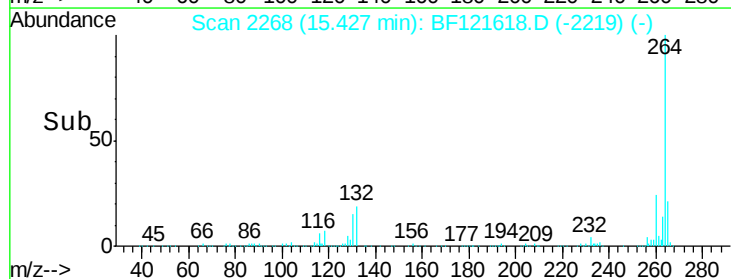


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time-->



Time-->