

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121580.D
 Acq On : 15 Sep 2020 16:30
 Operator : JU/CG
 Sample : L4007-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Sep 15 17:08:21 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

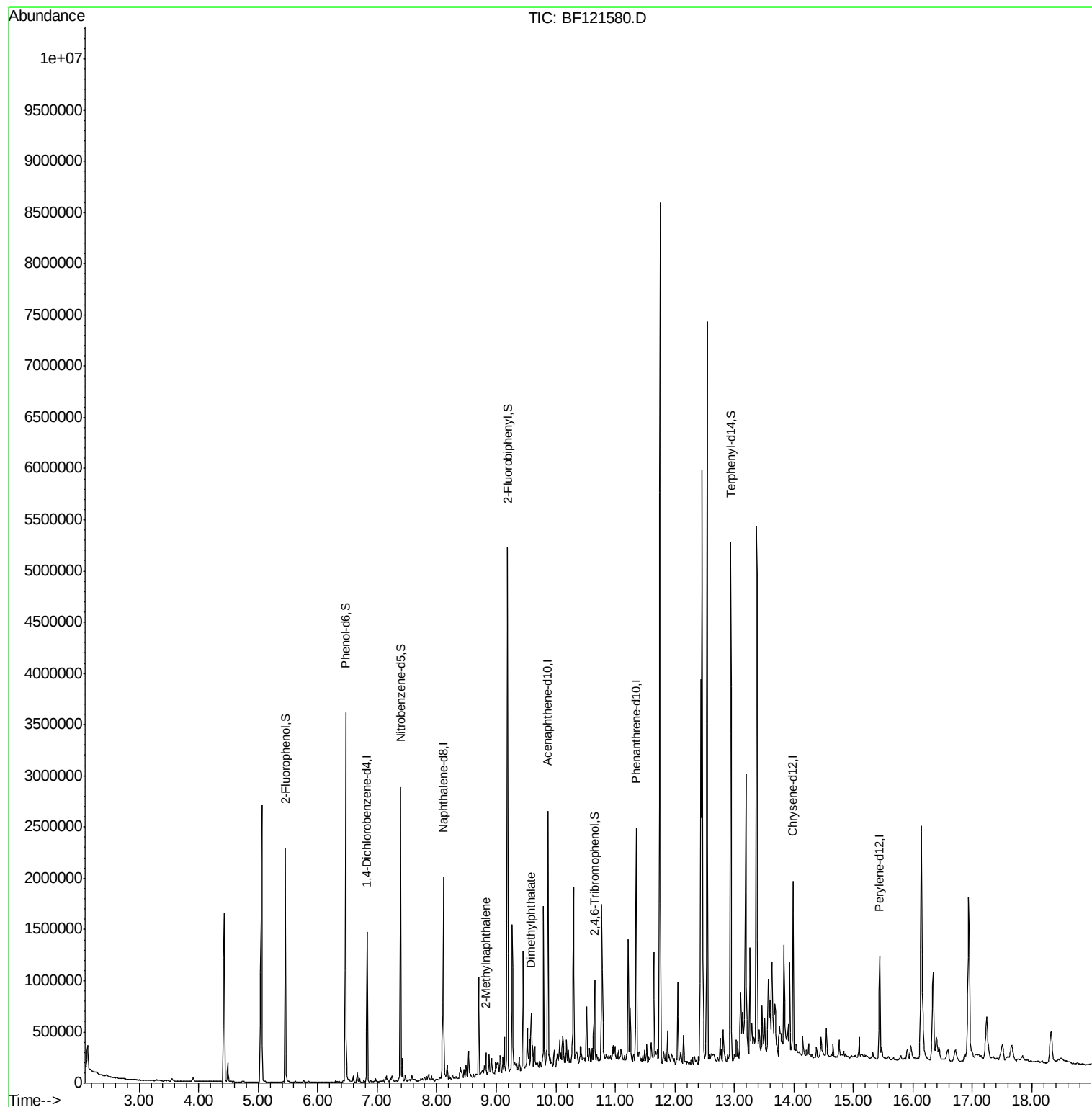
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	219908	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	863017	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	440046	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	808128	20.00	ng	0.00
76) Chrysene-d12	13.99	240	543424	20.00	ng	0.00
86) Perylene-d12	15.44	264	451443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	570171	38.53	ng	0.01
7) Phenol-d6	6.47	99	1232159	63.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	933988	58.11	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	90959	16.63	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1608764	55.37	ng	0.00
79) Terphenyl-d14	12.94	244	1644439	61.31	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.83	142	61083	2.046	ng	98
50) Dimethylphthalate	9.58	163	83284	2.611	ng	99

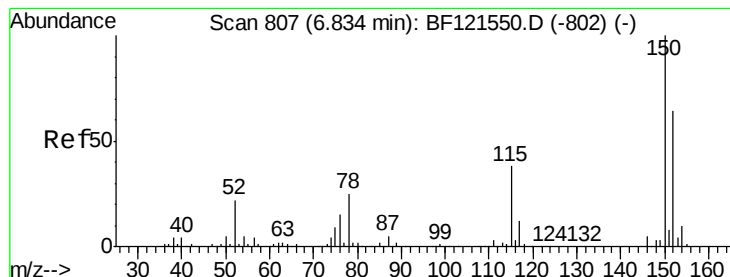
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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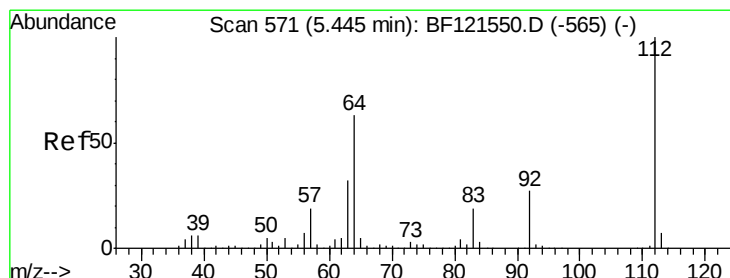
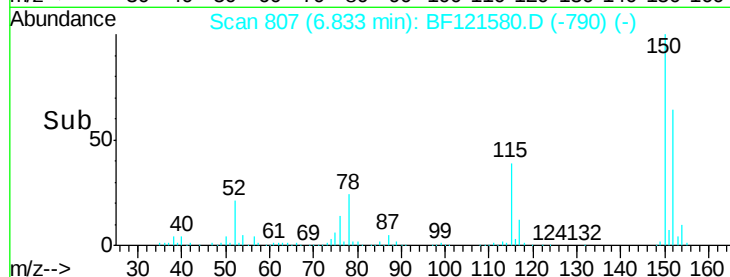
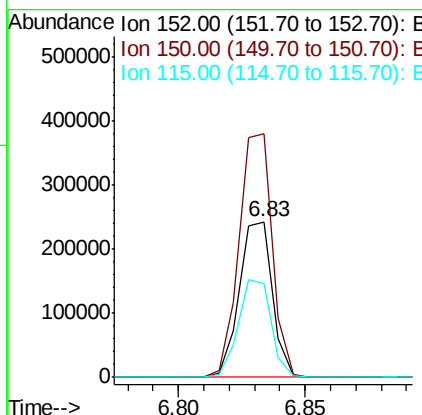
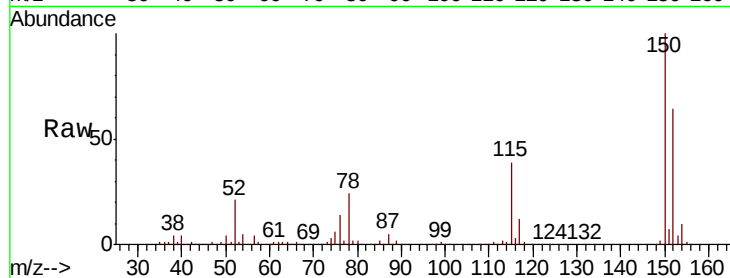


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Instrument :
BNA_F
ClientSampled :
72-11929

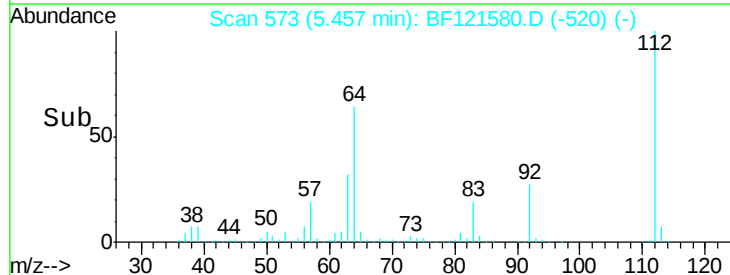
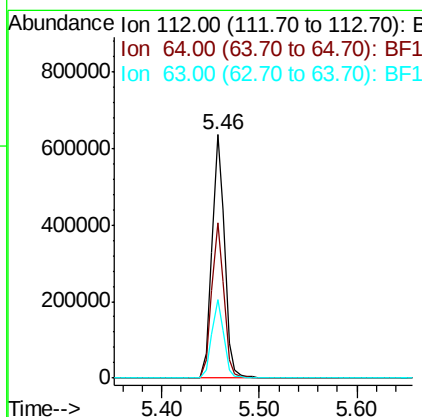
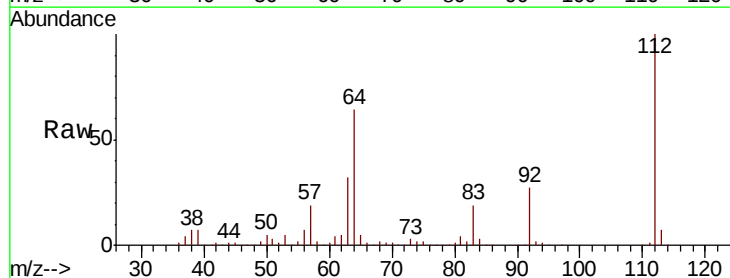
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.8	188.6
115	60.3	47.8	71.8

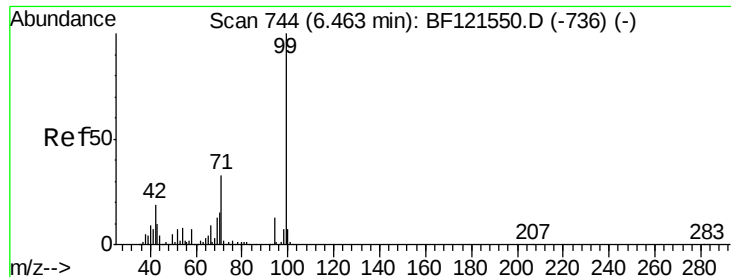


#5

2-Fluorophenol
Concen: 38.532 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.01 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.8	50.3	75.5
63	32.1	25.6	38.4





#7

Phenol-d6

Concen: 63.470 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121580.D

Acq: 15 Sep 2020 16:30

Instrument :

BNA_F

ClientSampleId :

72-11929

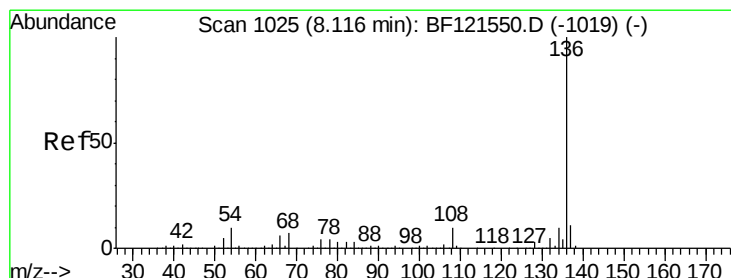
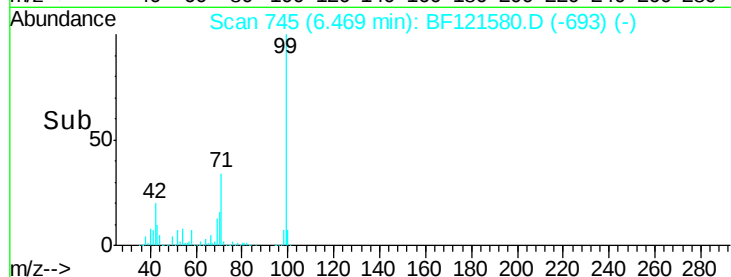
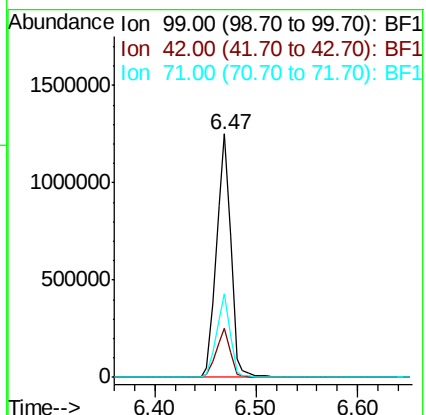
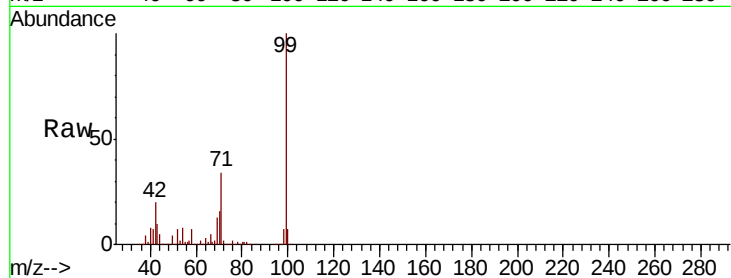
Tot Ion: 99 Resp: 1232159

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 34.2 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF121580.D

Acq: 15 Sep 2020 16:30

Tgt Ion: 136 Resp: 863017

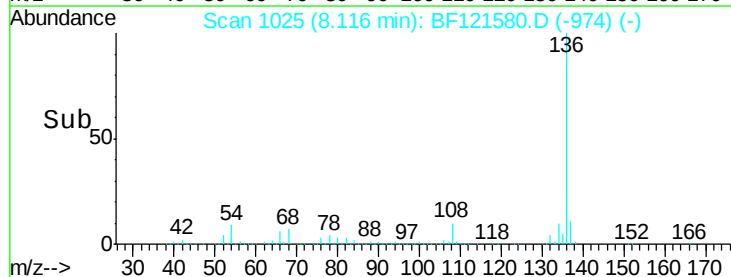
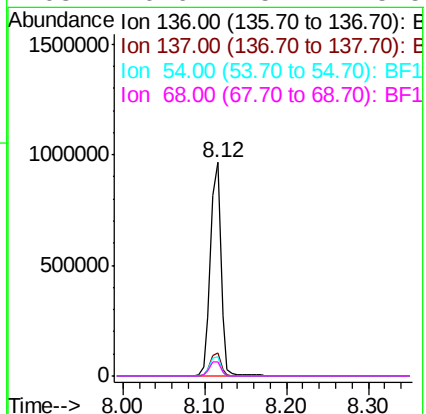
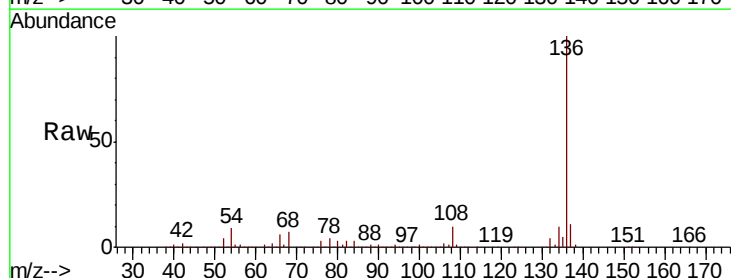
Ion Ratio Lower Upper

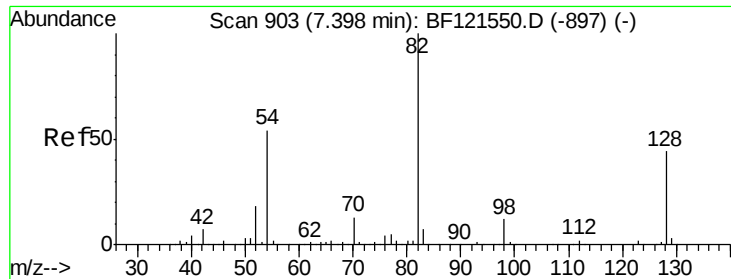
136 100

137 10.9 9.0 13.6

54 9.0 7.6 11.4

68 6.6 5.7 8.5

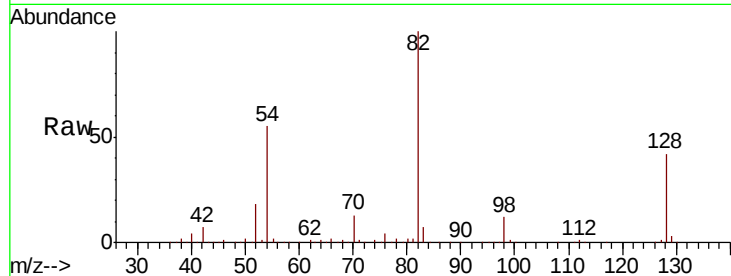




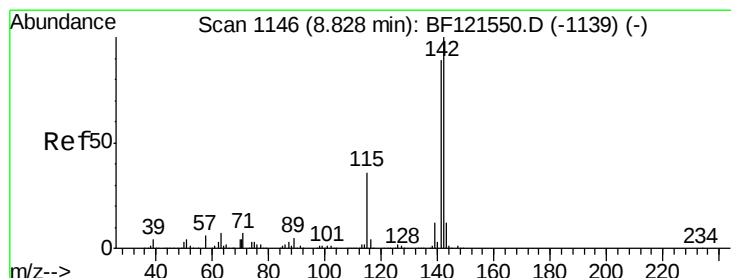
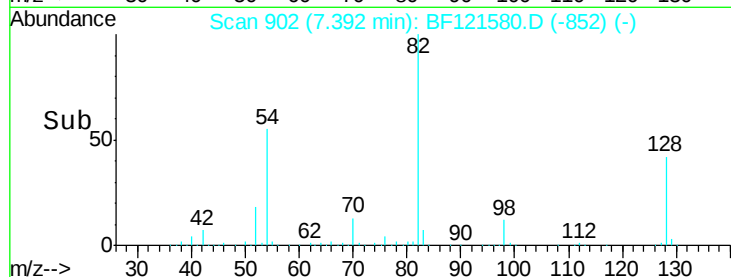
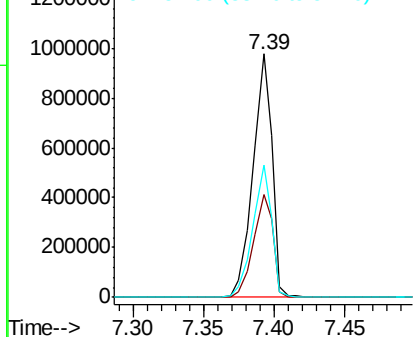
#23
Nitrobenzene-d5
Concen: 58.107 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Instrument :
BNA_F
ClientSampleId :
72-11929

Tot Ion: 82 Resp: 933988
Ion Ratio Lower Upper
82 100
128 42.5 35.1 52.7
54 54.6 43.0 64.6

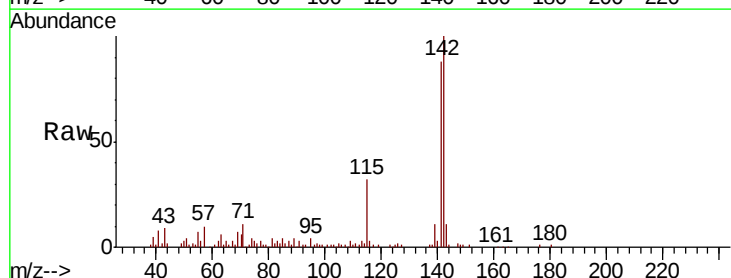


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

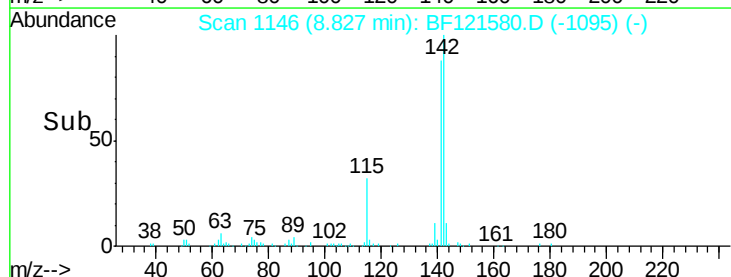
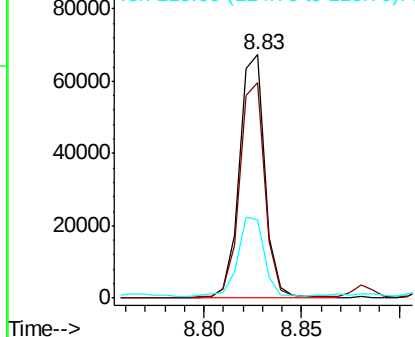


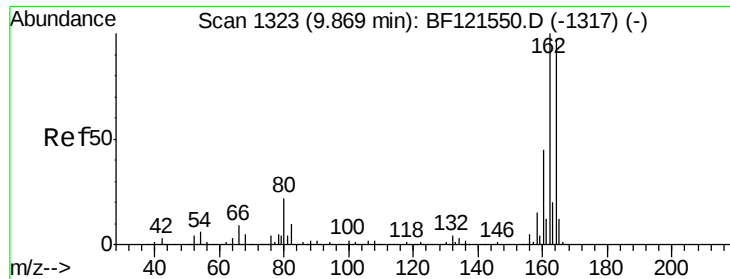
#37
2-Methylnaphthalene
Concen: 2.046 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Tgt Ion: 142 Resp: 61083
Ion Ratio Lower Upper
142 100
141 88.5 71.5 107.3
115 32.3 28.7 43.1



Abundance Ion 142.00 (141.70 to 142.70): BF1
Ion 141.00 (140.70 to 141.70): BF1
Ion 115.00 (114.70 to 115.70): BF1

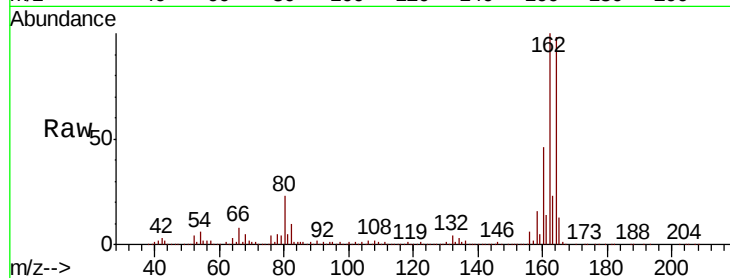




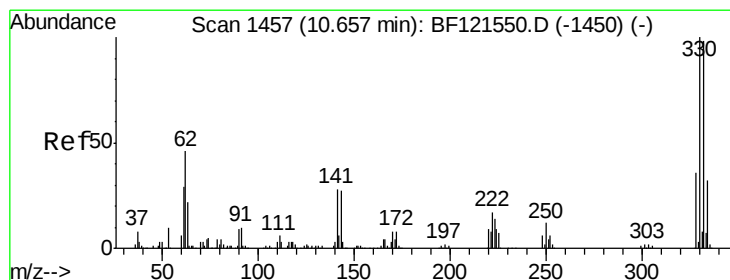
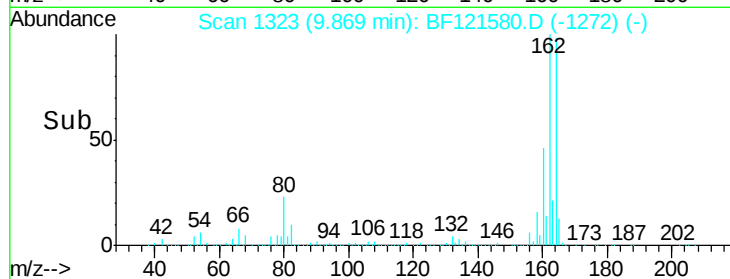
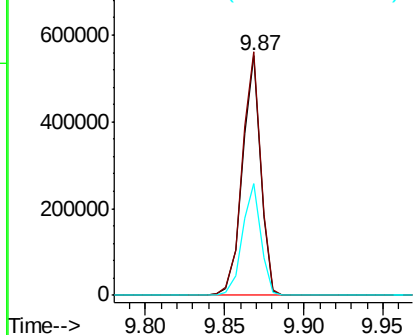
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Instrument :
BNA_F
ClientSampleId :
72-11929

Tot Ion:164 Resp: 440046
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 46.7 37.0 55.4

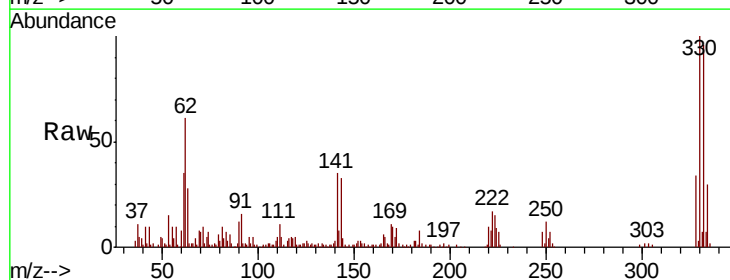


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

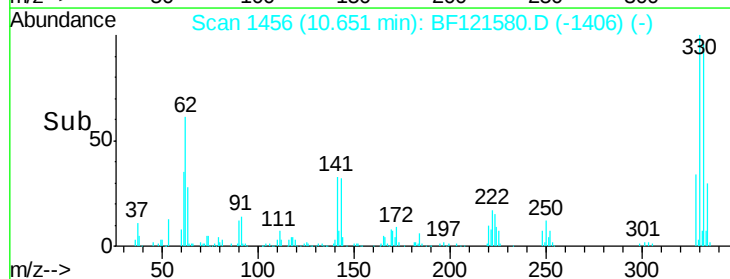
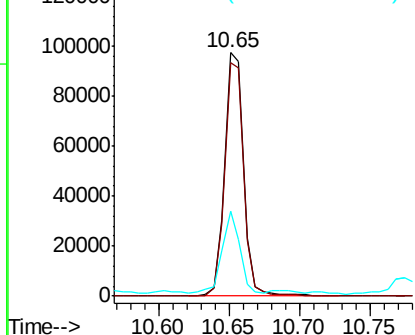


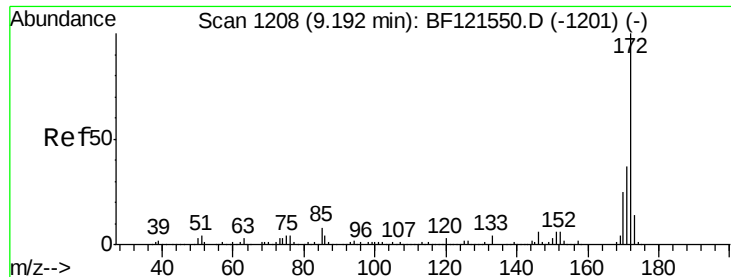
#42
2,4,6-Tribromophenol
Concen: 16.631 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Tgt Ion:330 Resp: 90959
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 31.2 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

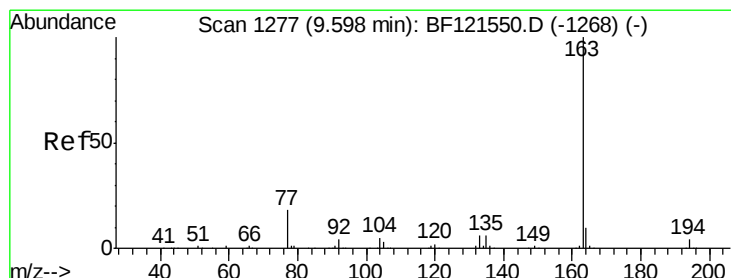
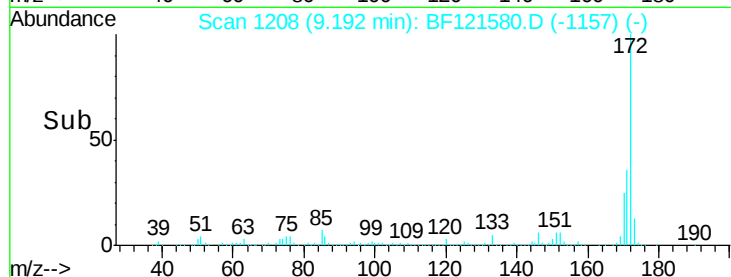
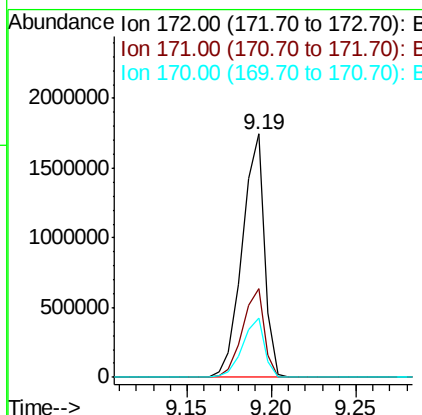
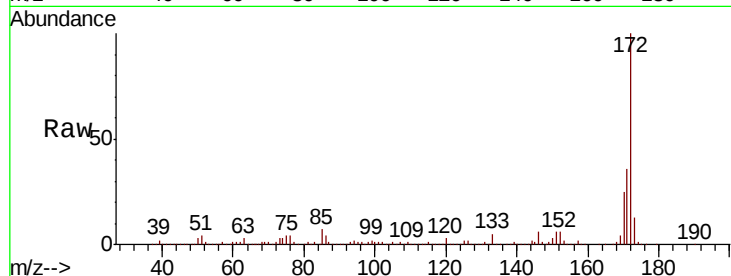




#45
2-Fluorobiphenyl
Concen: 55.370 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

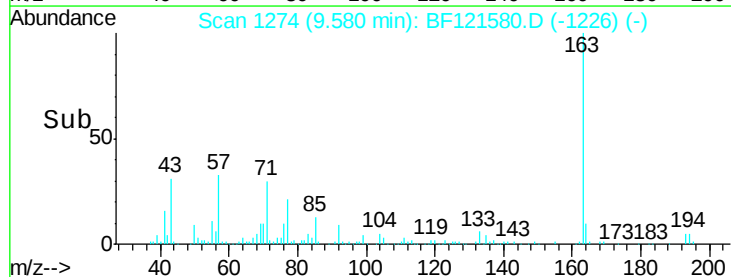
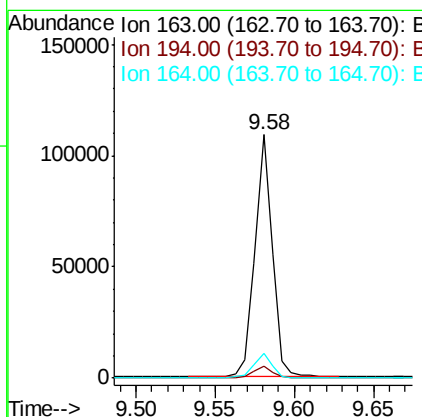
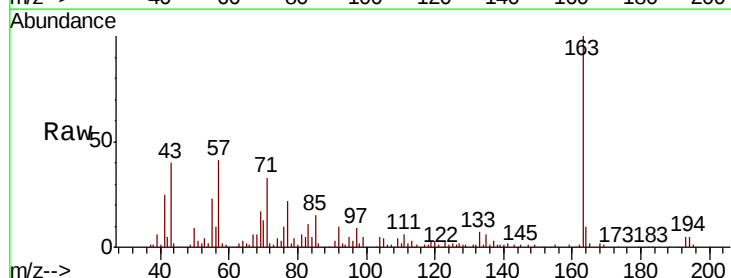
Instrument :
BNA_F
ClientSampleId :
72-11929

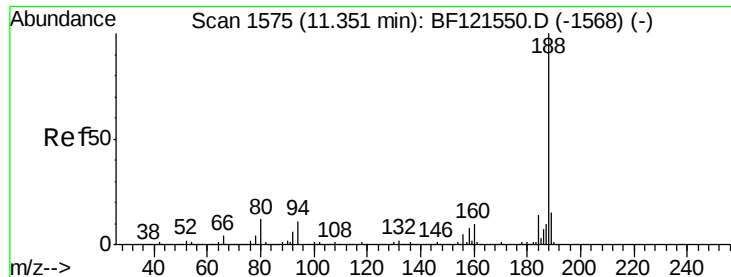
Tot Ion:172 Resp: 1608764
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.5 19.8 29.8



#50
Dimethylphthalate
Concen: 2.611 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF121580.D
Acq: 15 Sep 2020 16:30

Tgt Ion:163 Resp: 83284
Ion Ratio Lower Upper
163 100
194 5.0 3.4 5.0
164 10.2 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.35 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BF121580.D

Acq: 15 Sep 2020 16:30

Instrument :

BNA_F

ClientSampleId :

72-11929

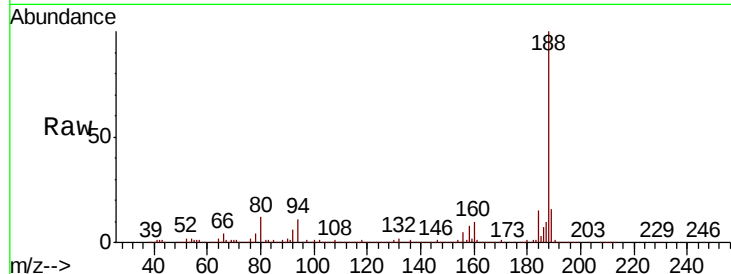
Tot Ion:188 Resp: 808128

Ion Ratio Lower Upper

188 100

94 11.3 8.7 13.1

80 12.1 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

1200000

1000000

800000

600000

400000

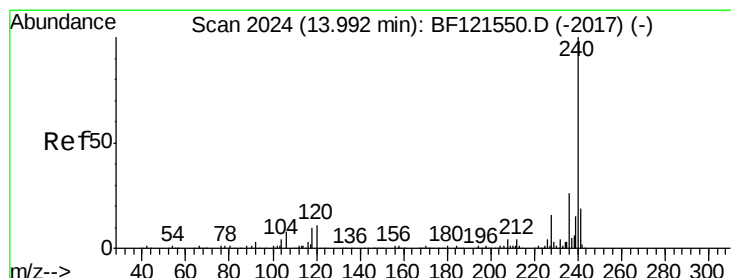
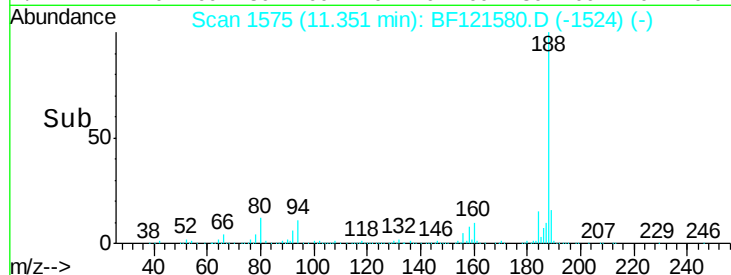
200000

0

11.35

11.30 11.35 11.40

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121580.D

Acq: 15 Sep 2020 16:30

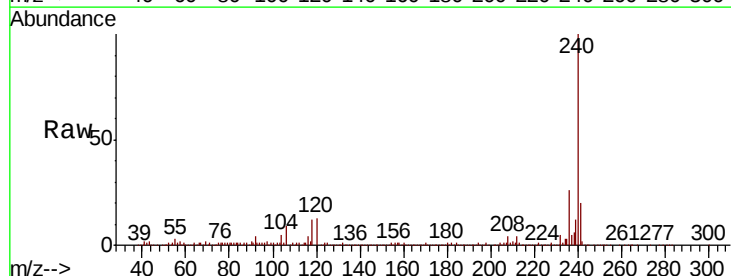
Tgt Ion:240 Resp: 543424

Ion Ratio Lower Upper

240 100

120 13.2 9.2 13.8

236 25.6 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

800000

600000

400000

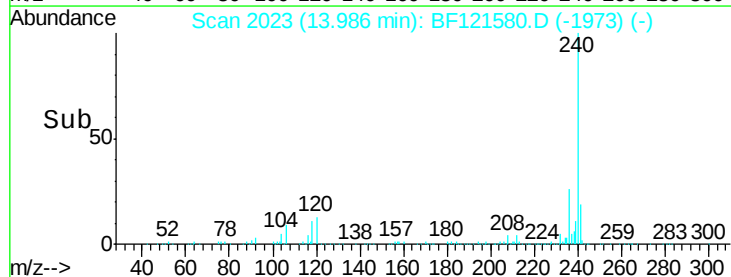
200000

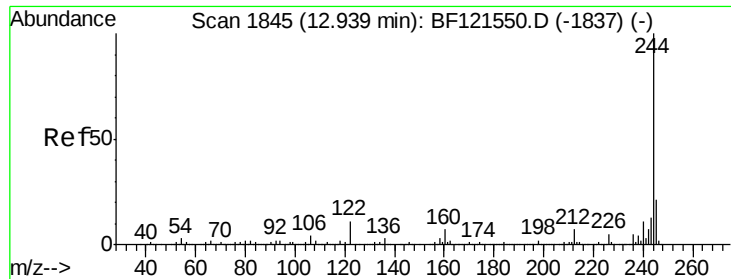
0

13.99

13.90 14.00 14.10

Time-->





#79

Terphenyl-d14

Concen: 61.305 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121580.D

Acq: 15 Sep 2020 16:30

Instrument :

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72-11929

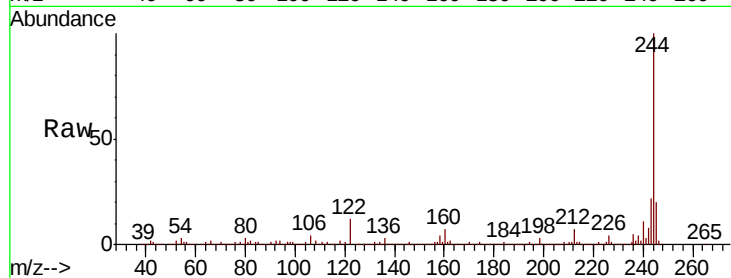
Tot Ion:244 Resp: 1644439

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

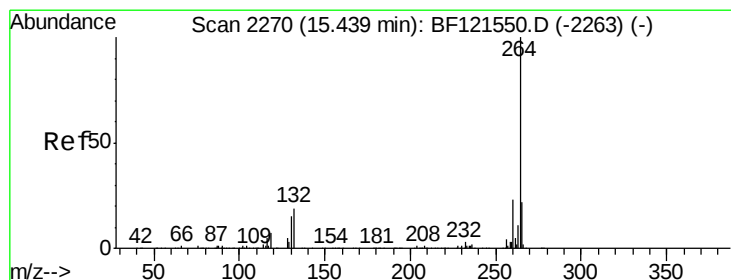
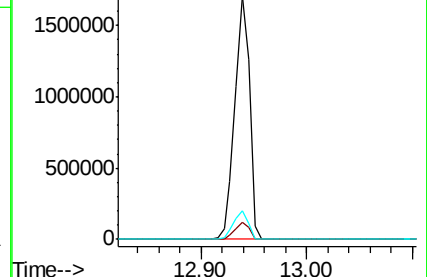
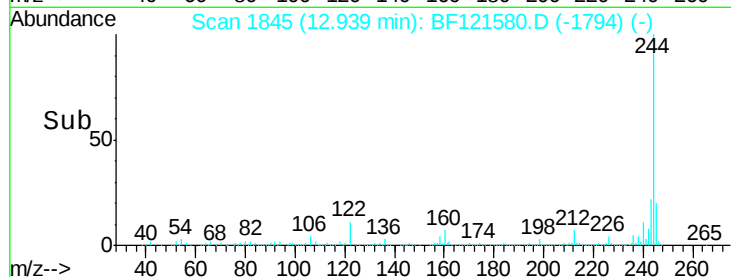
122 11.5 8.7 13.1



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: BF121580.D

Acq: 15 Sep 2020 16:30

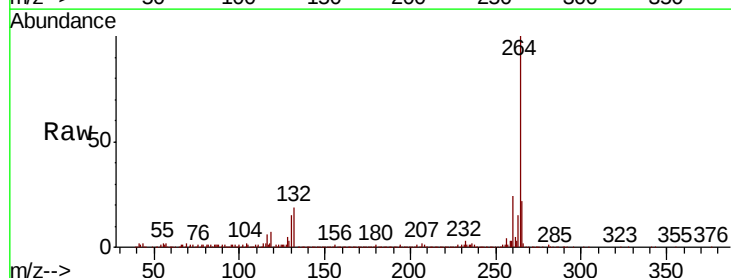
Tgt Ion:264 Resp: 451443

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.6 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

