

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119145.D
 Acq On : 28 Feb 2020 22:20
 Operator : CG/JU
 Sample : L1363-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-022620

Quant Time: Mar 02 03:28:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 26 16:03:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	120316	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	469741	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	262108	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	498817	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	365142	20.00	ng	-0.02
87) Perylene-d12	15.30	264	405876	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	899615	124.96	ng	0.00
7) Phenol-d6	6.38	99	1002383	114.48	ng	-0.02
23) Nitrobenzene-d5	7.30	82	801741	90.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	467981	136.48	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1563628	87.88	ng	-0.02
79) Terphenyl-d14	12.83	244	1998970	94.25	ng	-0.02

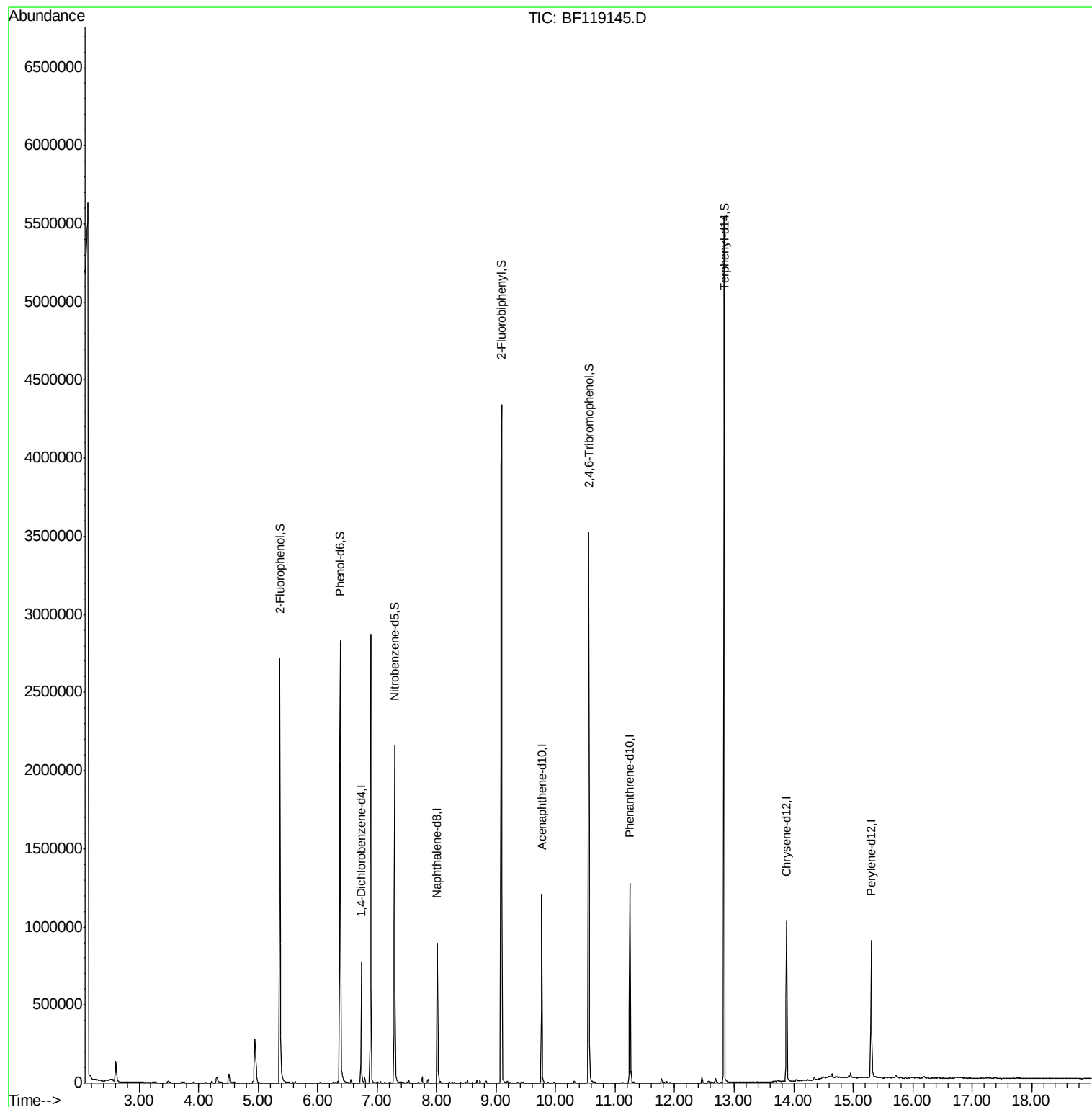
Target Compounds Qvalue

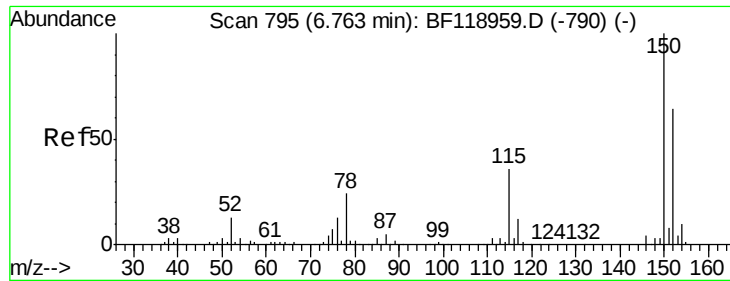
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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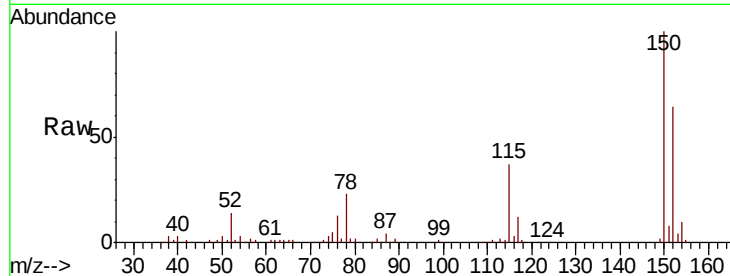


#1

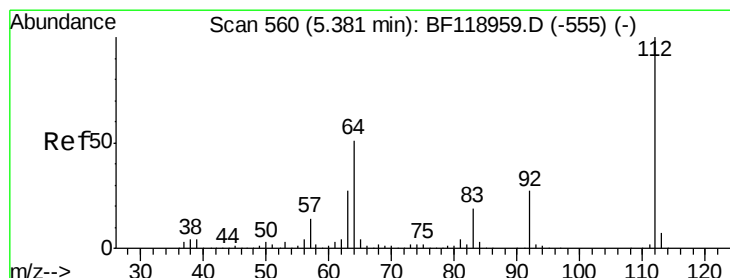
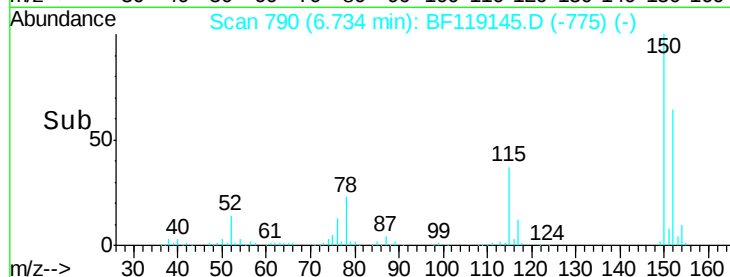
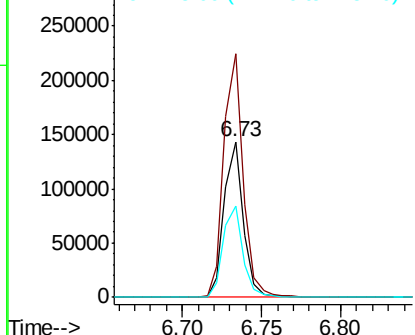
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Instrument :
BNA_F
ClientSampleId :
HR-05-022620

Tot Ion:152 Resp: 120316
Ion Ratio Lower Upper
152 100
150 156.7 123.0 184.6
115 58.6 49.5 74.3



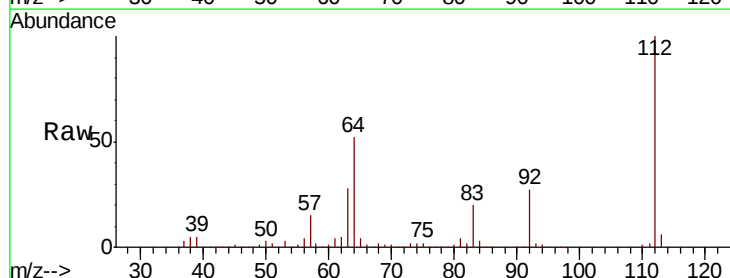
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



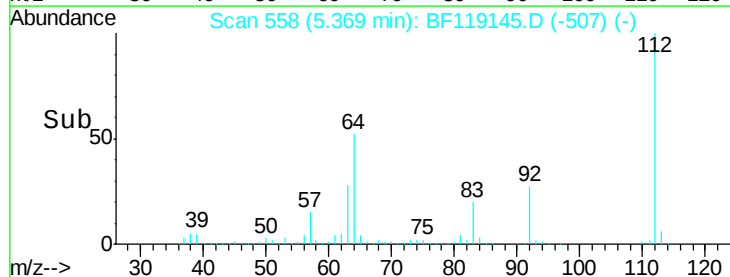
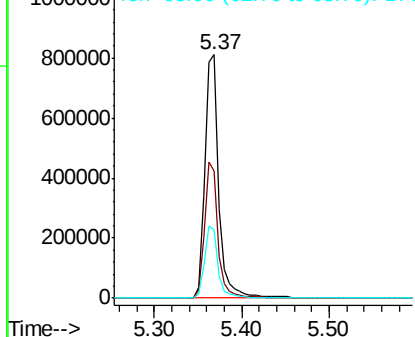
#5

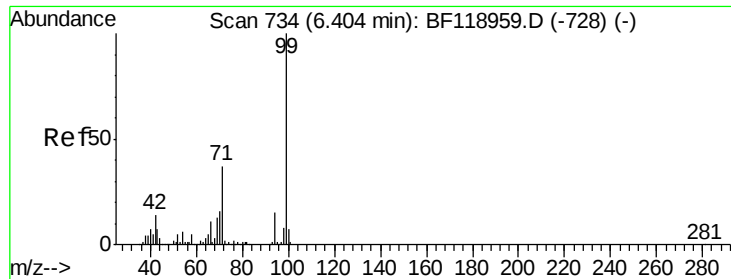
2-Fluorophenol
Concen: 124.956 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119145.D
Acq: 28 Feb 2020 22:20

Tgt Ion:112 Resp: 899615
Ion Ratio Lower Upper
112 100
64 52.2 45.0 67.4
63 27.8 24.2 36.4



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: 114.481 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Instrument :

BNA_F

ClientSampleId :

HR-05-022620

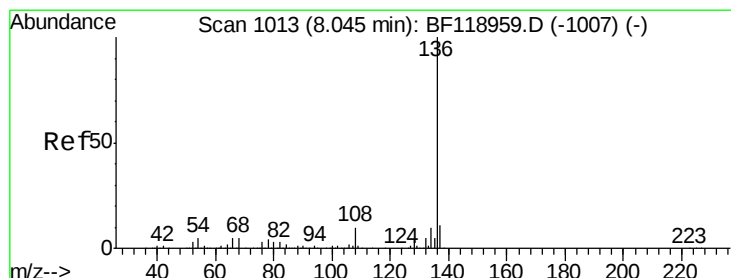
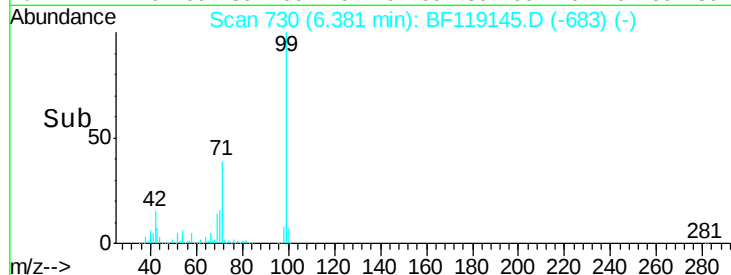
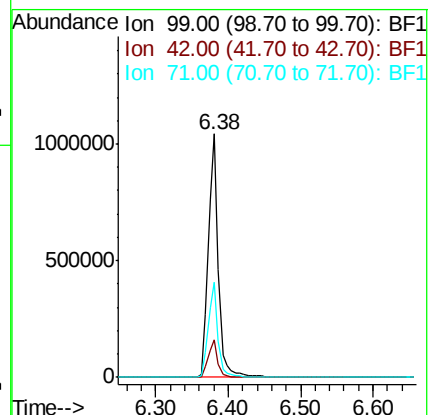
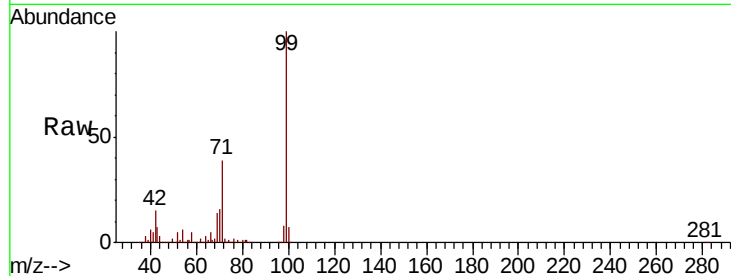
Tot Ion: 99 Resp: 1002383

Ion Ratio Lower Upper

99 100

42 15.2 12.6 18.8

71 38.8 31.0 46.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Tgt Ion: 136 Resp: 469741

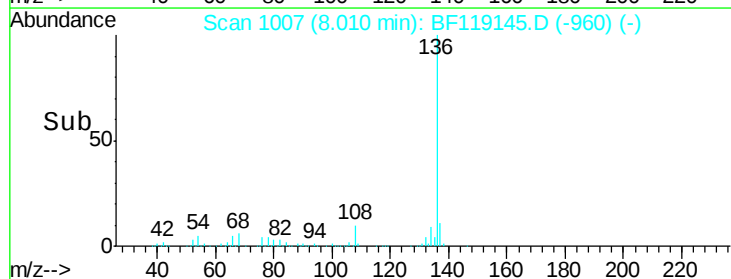
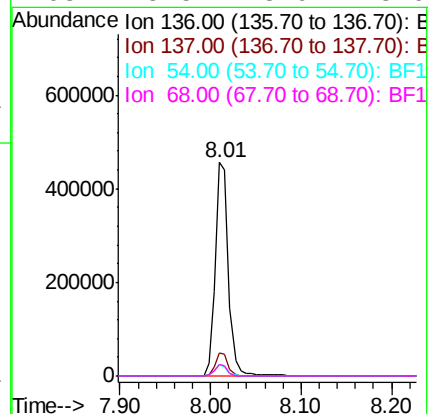
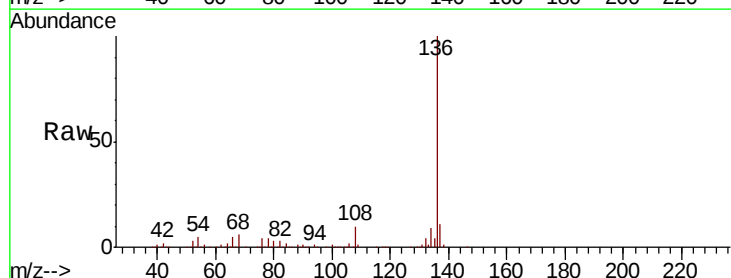
Ion Ratio Lower Upper

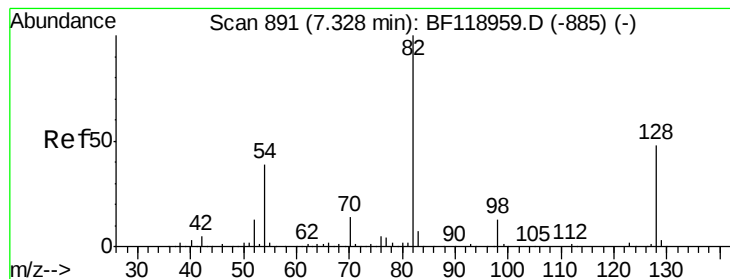
136 100

137 11.1 8.8 13.2

54 5.2 3.8 5.6

68 5.5 3.9 5.9





#23

Nitrobenzene-d5

Concen: 90.118 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Instrument :

BNA_F

ClientSampleId :

HR-05-022620

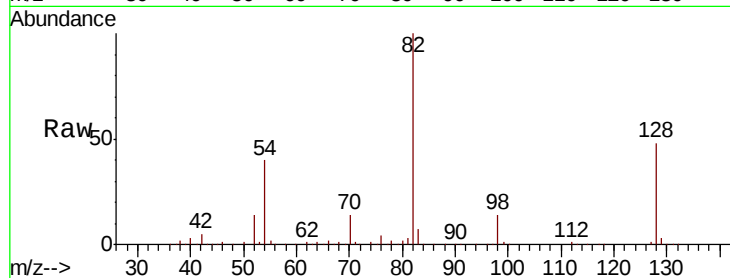
Tot Ion: 82 Resp: 801741

Ion Ratio Lower Upper

82 100

128 48.4 37.9 56.9

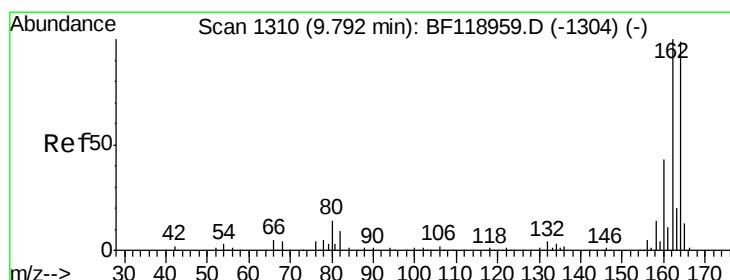
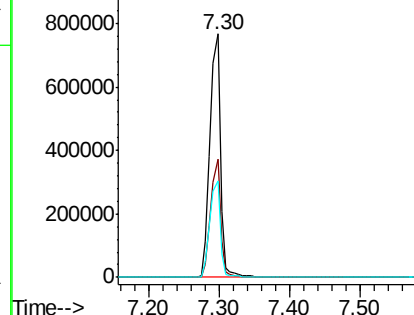
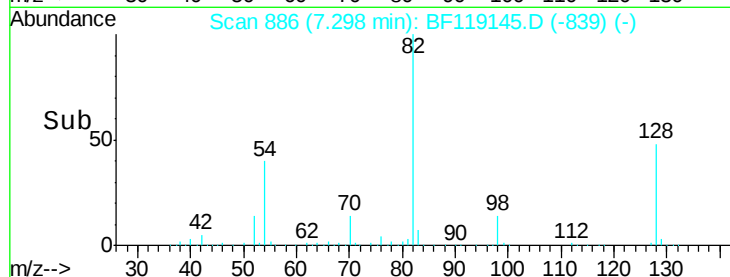
54 39.5 33.4 50.2



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: 9.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

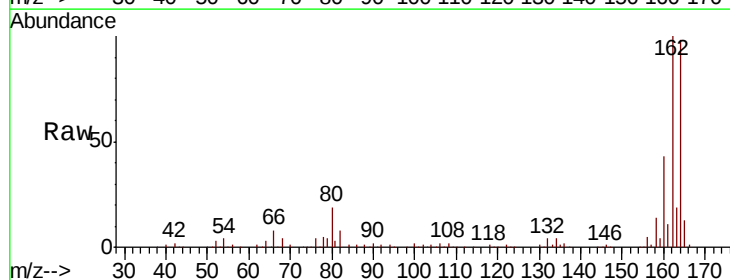
Tgt Ion: 164 Resp: 262108

Ion Ratio Lower Upper

164 100

162 101.7 81.8 122.8

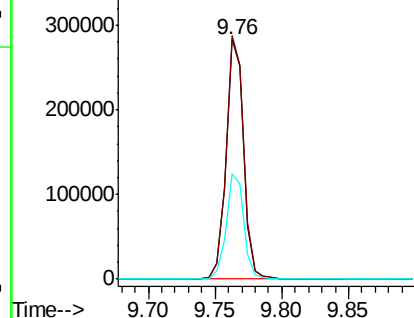
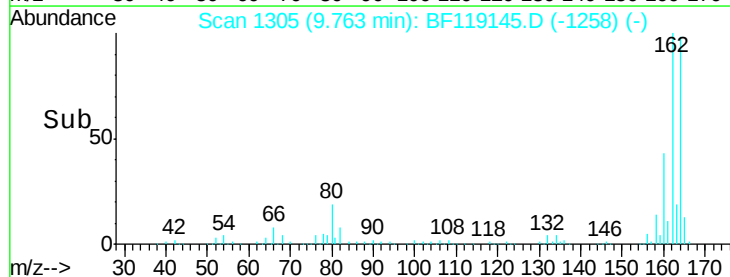
160 43.9 36.0 54.0



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

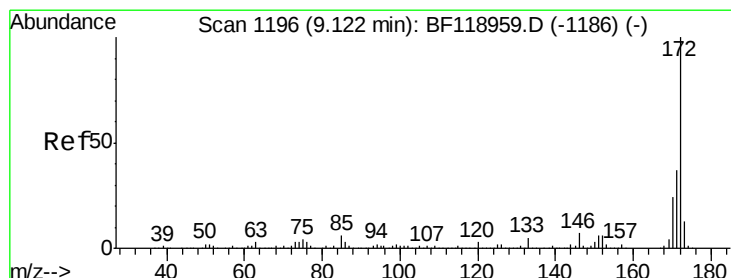
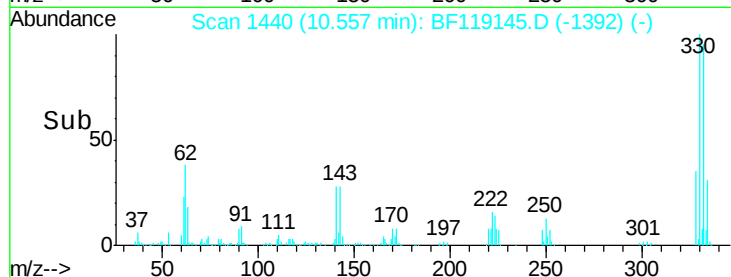
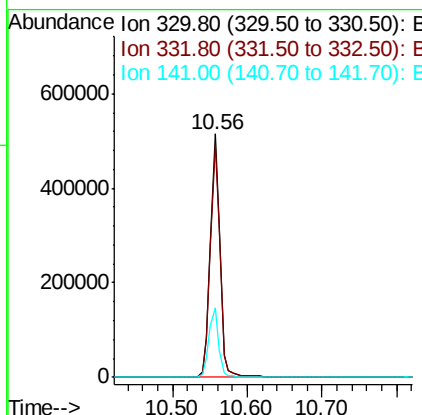
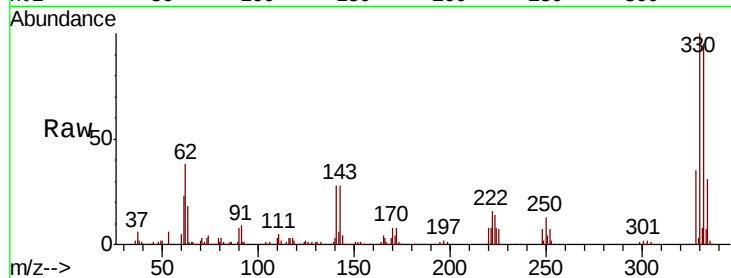




#42
 2,4,6-Tribromophenol
 Concen: 136.485 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

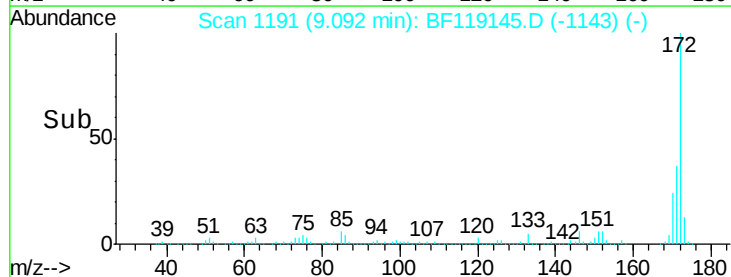
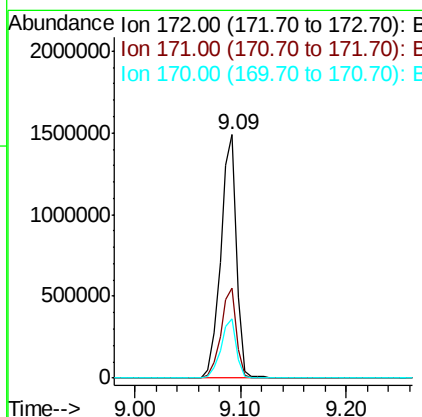
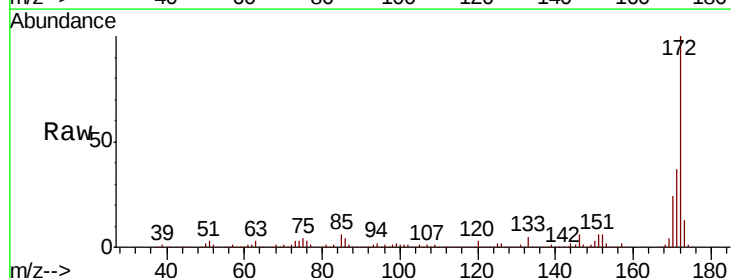
Instrument :
 BNA_F
 ClientSampleId :
 HR-05-022620

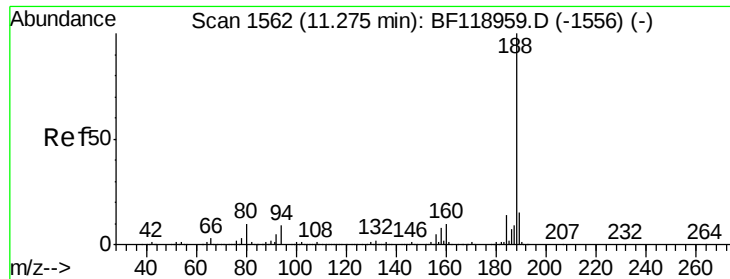
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.0	114.0
141	28.9	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 87.883 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF119145.D
 Acq: 28 Feb 2020 22:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	45.8
170	24.1	20.2	30.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Instrument :

BNA_F

ClientSampleId :

HR-05-022620

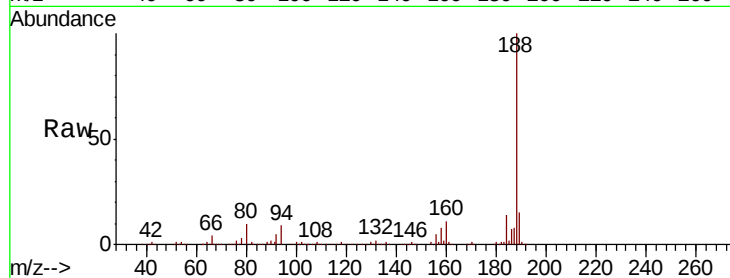
Tot Ion:188 Resp: 498817

Ion Ratio Lower Upper

188 100

94 9.3 7.1 10.7

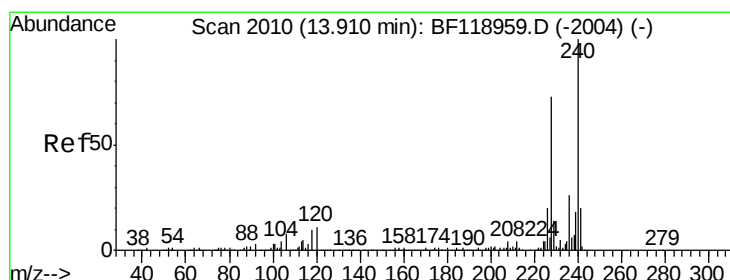
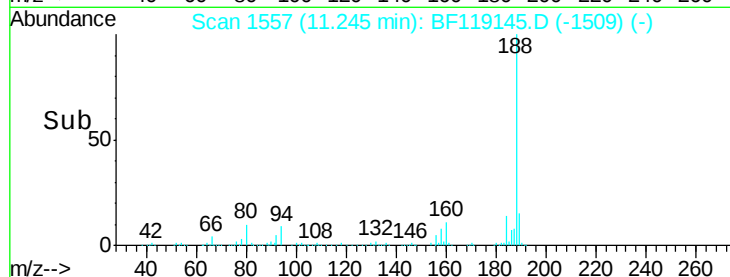
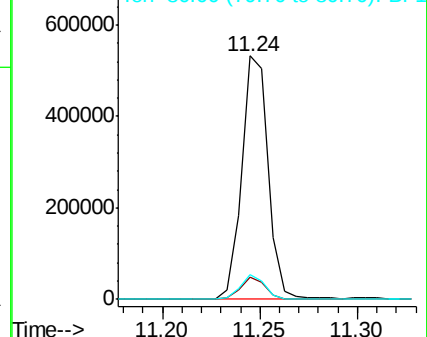
80 10.2 7.8 11.8



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: 13.88 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

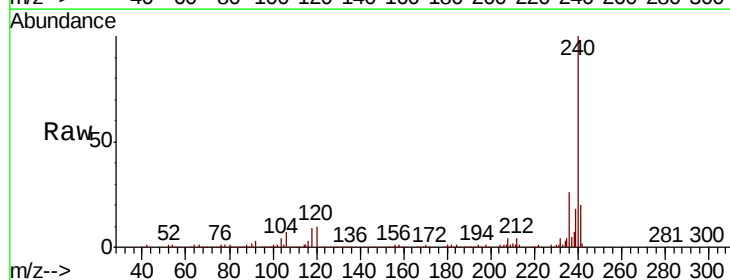
Tgt Ion:240 Resp: 365142

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

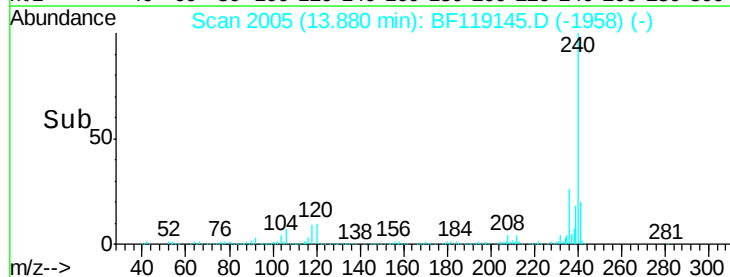
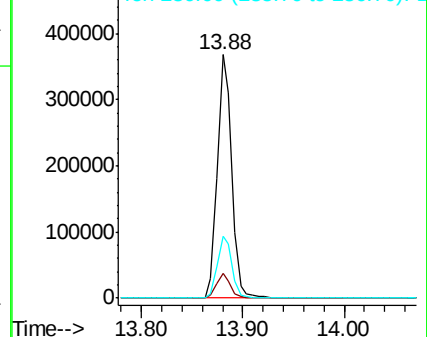
236 25.6 21.0 31.4

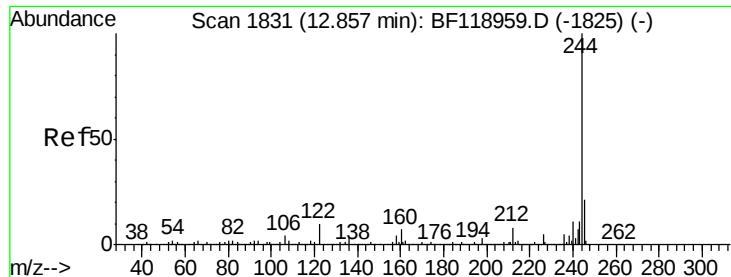


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.253 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

Instrument :

BNA_F

ClientSampleId :

HR-05-022620

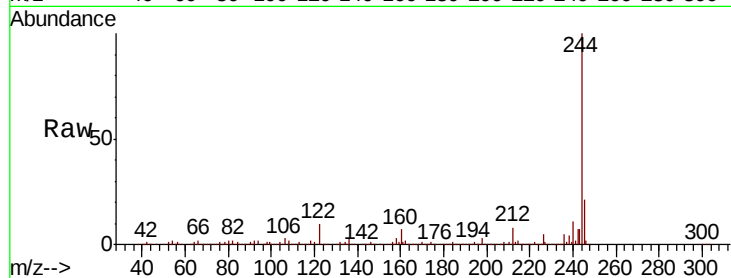
Tot Ion:244 Resp: 1998970

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

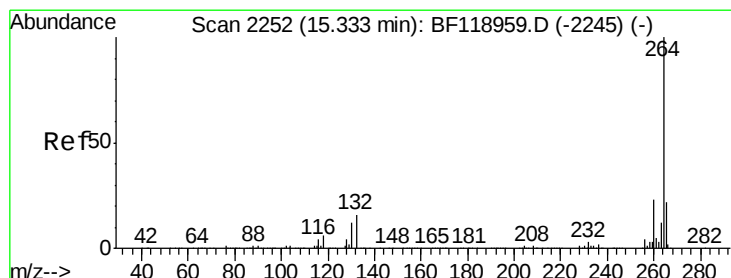
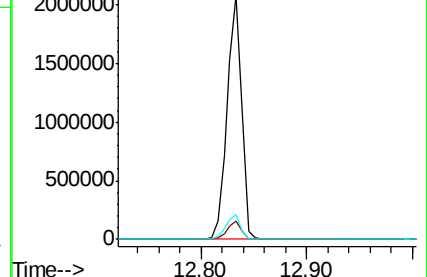
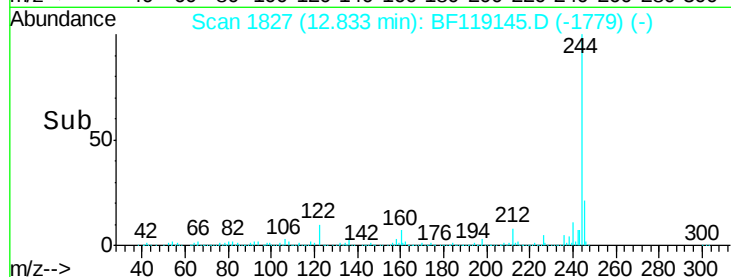
122 10.1 8.2 12.2



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.30 min Scan# 2247

Delta R.T. -0.02 min

Lab File: BF119145.D

Acq: 28 Feb 2020 22:20

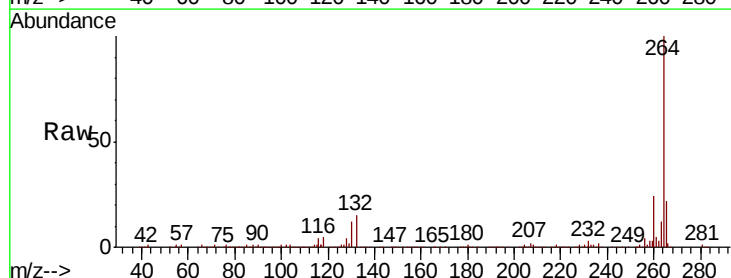
Tgt Ion:264 Resp: 405876

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.9 17.7 26.5



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

