

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022820\
 Data File : BF119132.D
 Acq On : 28 Feb 2020 15:18
 Operator : CG/JU
 Sample : PB127140BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BL

Quant Time: Mar 02 02:55:52 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	150377	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	585673	20.00	ng	-0.02
39) Acenaphthene-d10	9.76	164	337927	20.00	ng	-0.02
64) Phenanthrene-d10	11.24	188	662217	20.00	ng	-0.02
76) Chrysene-d12	13.88	240	487554	20.00	ng	-0.02
87) Perylene-d12	15.30	264	381865	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1185101	131.70	ng	0.00
7) Phenol-d6	6.38	99	1449674	132.47	ng	-0.02
23) Nitrobenzene-d5	7.30	82	966035	87.09	ng	-0.02
42) 2,4,6-Tribromophenol	10.56	330	577208	130.57	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1976871	86.18	ng	-0.02
79) Terphenyl-d14	12.83	244	2662595	94.02	ng	-0.02

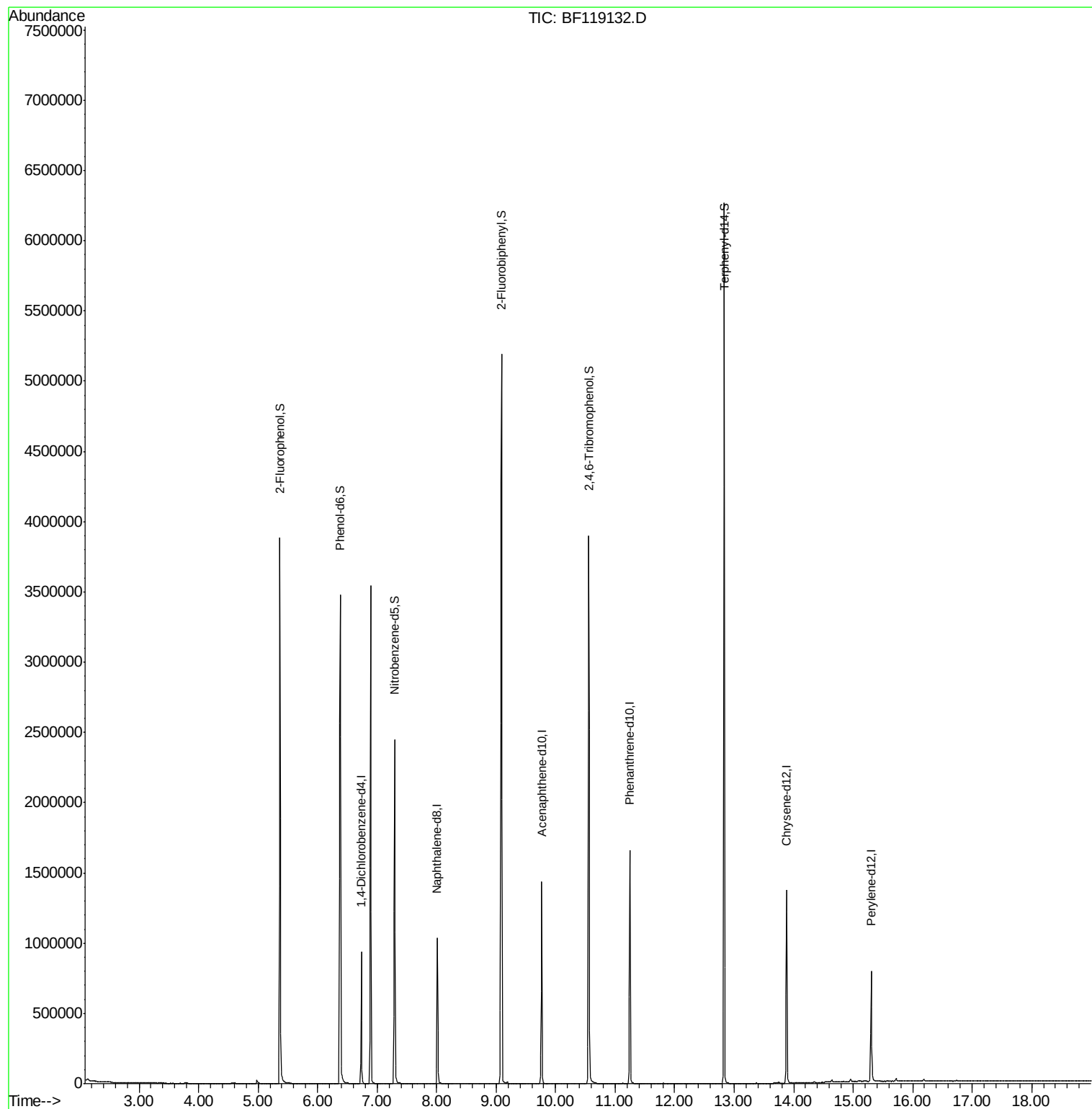
Target Compounds Qvalue

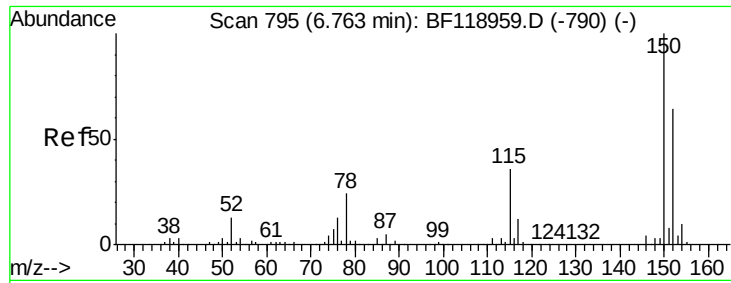
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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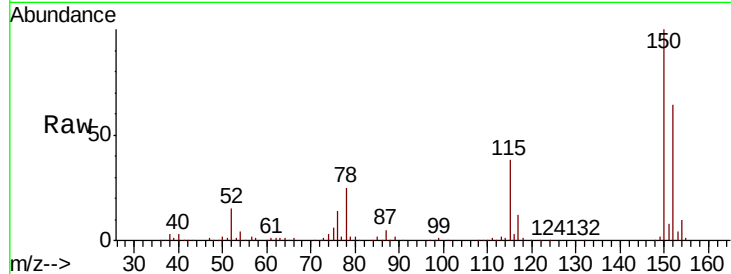


#1

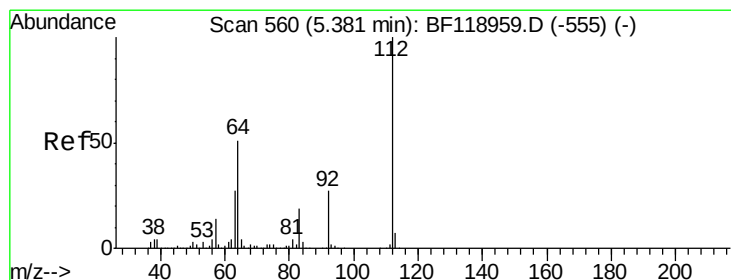
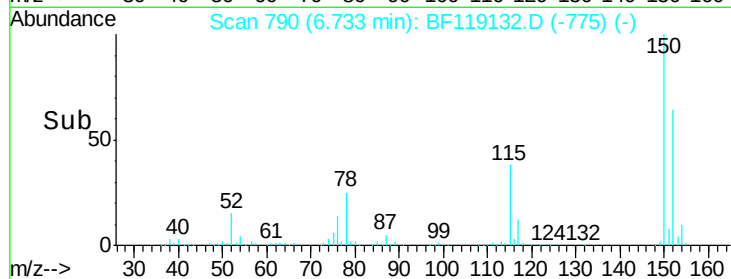
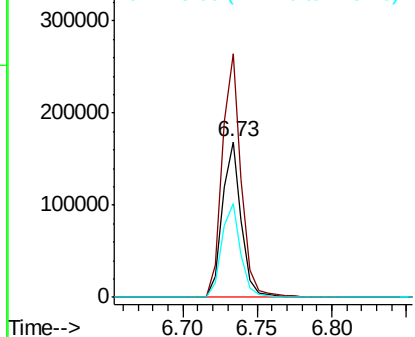
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Instrument :
BNA_F
ClientSampleId :
PB127140BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	123.0	184.6
115	60.3	49.5	74.3



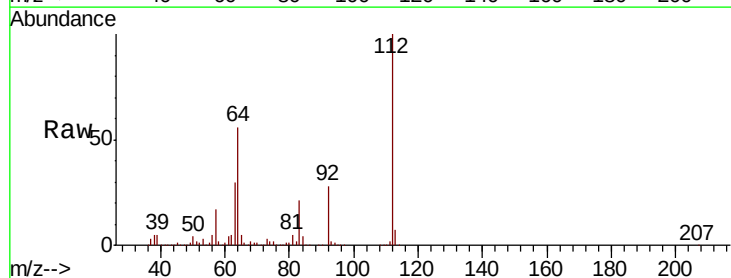
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



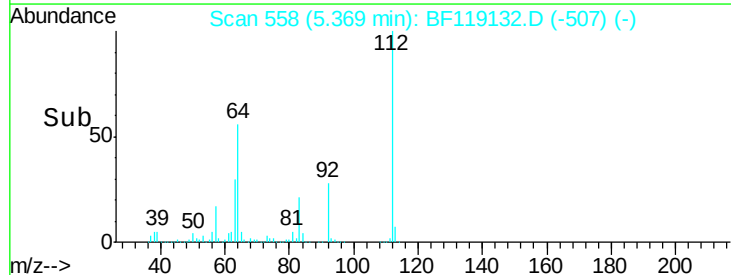
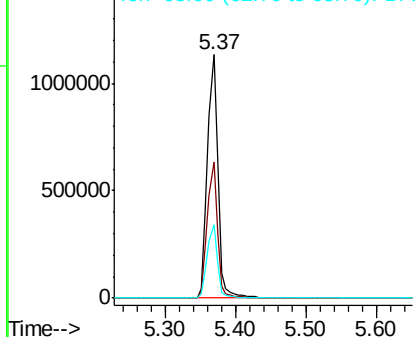
#5

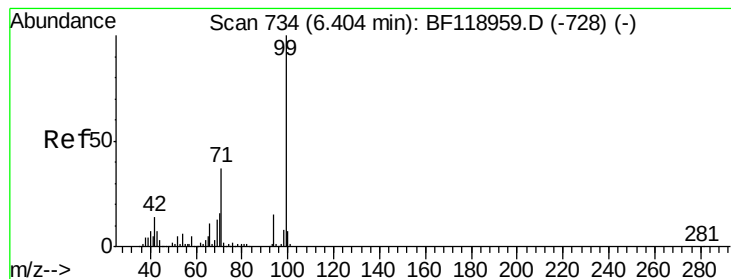
2-Fluorophenol
Concen: 131.703 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119132.D
Acq: 28 Feb 2020 15:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	45.0	67.4
63	30.2	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: 132.468 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

PB127140BL

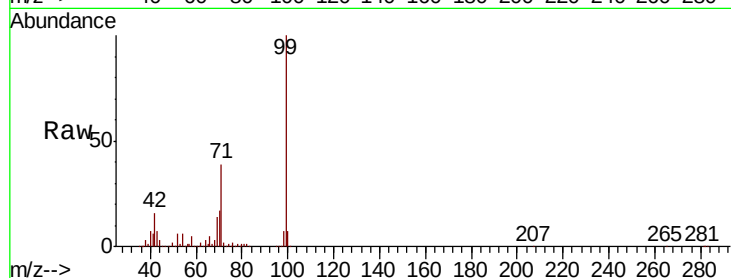
Tot Ion: 99 Resp: 1449674

Ion Ratio Lower Upper

99 100

42 16.1 12.6 18.8

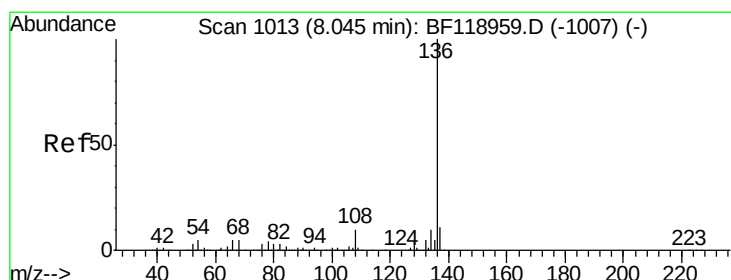
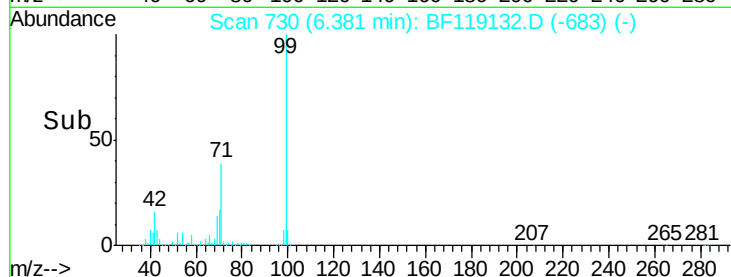
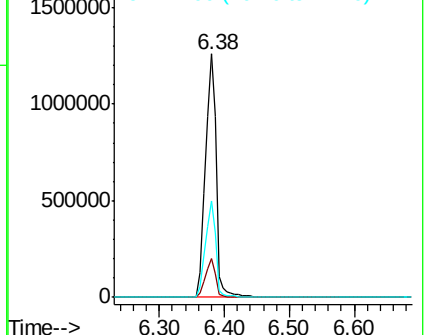
71 39.5 31.0 46.4



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: 8.02 min Scan# 1008

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Tgt Ion: 136 Resp: 585673

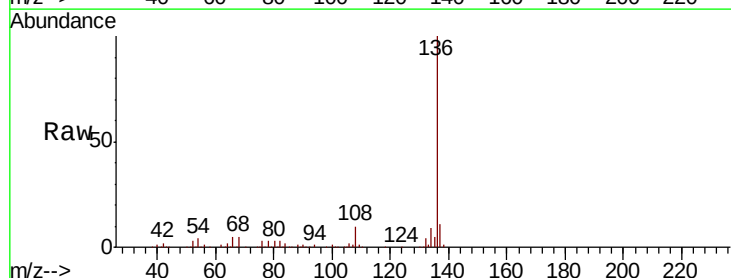
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 4.5 3.8 5.6

68 4.7 3.9 5.9

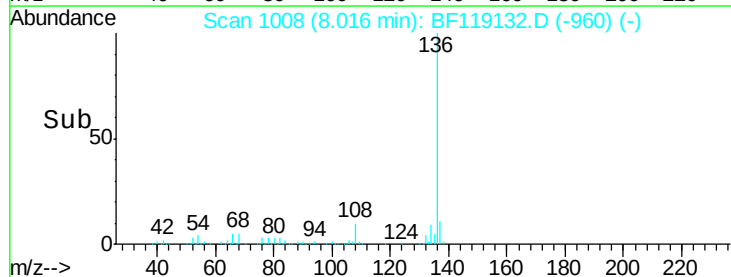
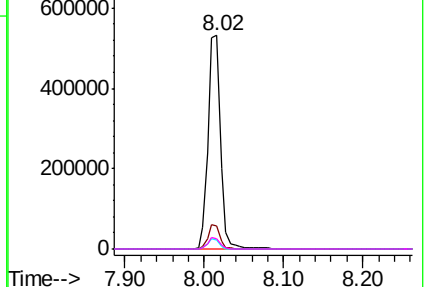


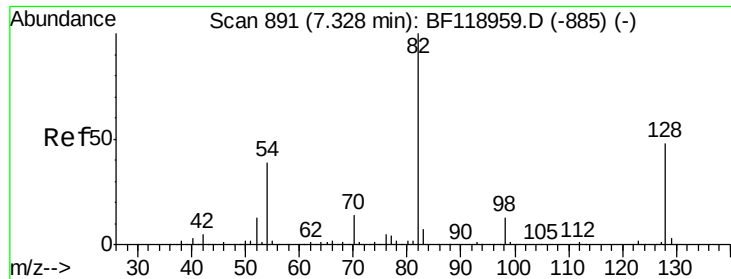
Abundance Ion 136.00 (135.70 to 136.70): E

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

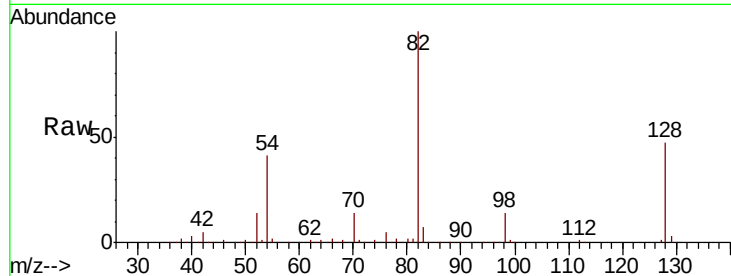




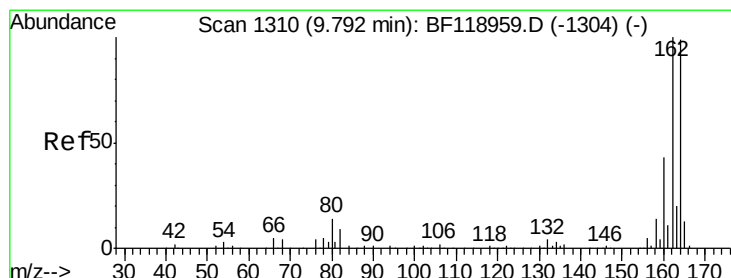
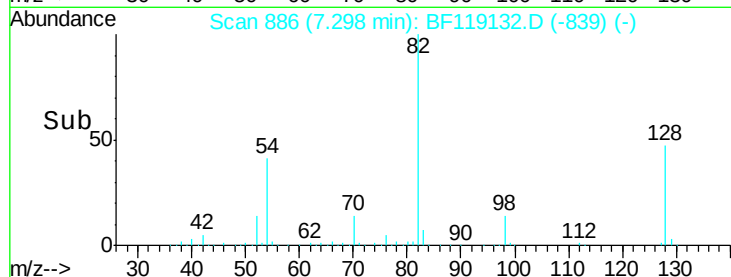
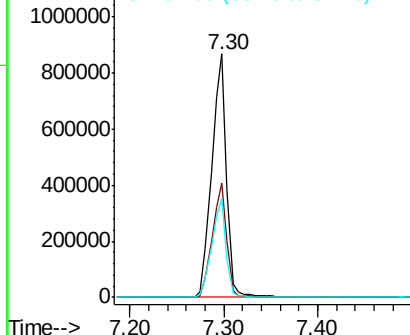
#23
 Nitrobenzene-d5
 Concen: 87.091 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

Instrument :
 BNA_F
 ClientSampleId :
 PB127140BL

Tot Ion	82	Resp	966035
Ion Ratio	Lower	Upper	
82	100		
128	46.8	37.9	56.9
54	40.7	33.4	50.2

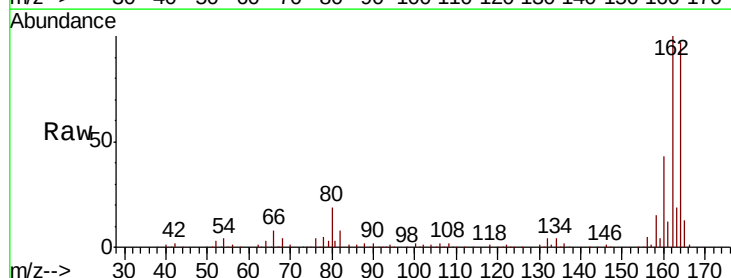


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

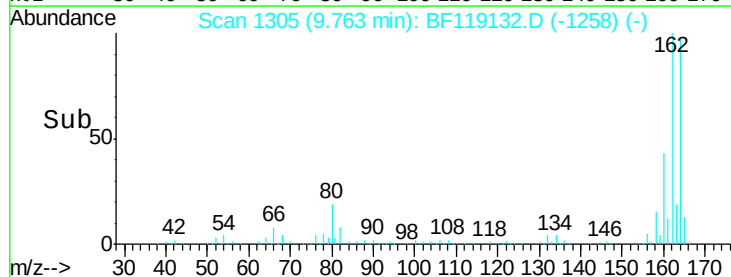
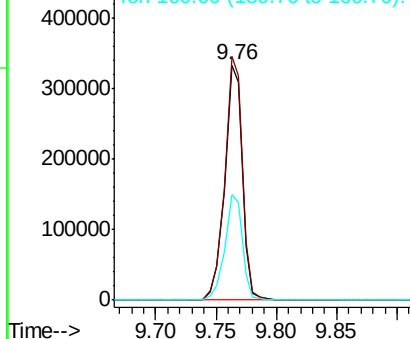


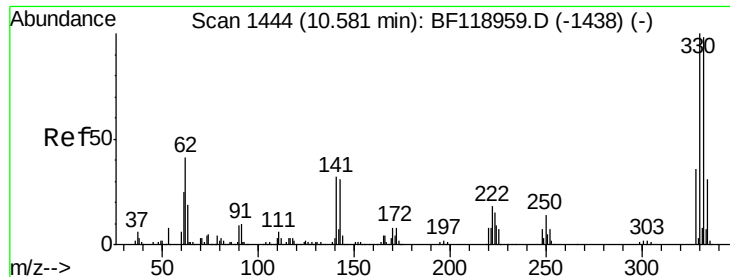
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BF119132.D
 Acq: 28 Feb 2020 15:18

Tgt Ion	164	Resp	337927
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.8	122.8
160	44.6	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: 130.571 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

PB127140BL

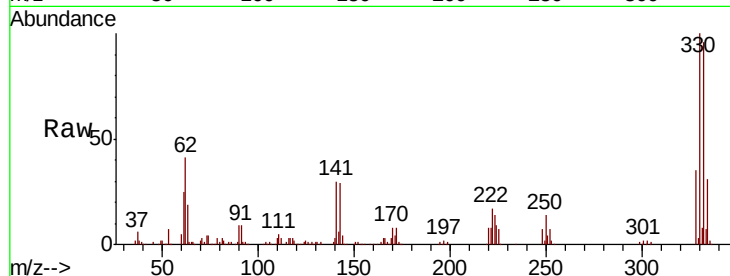
Tot Ion:330 Resp: 577208

Ion Ratio Lower Upper

330 100

332 96.8 76.0 114.0

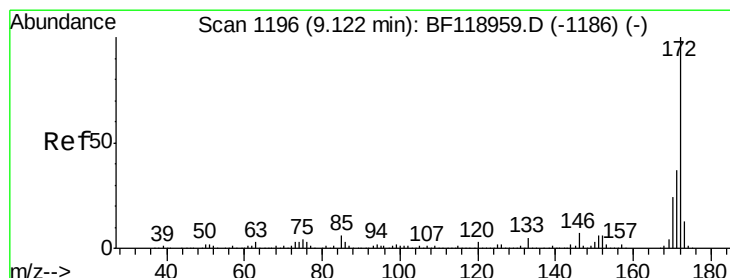
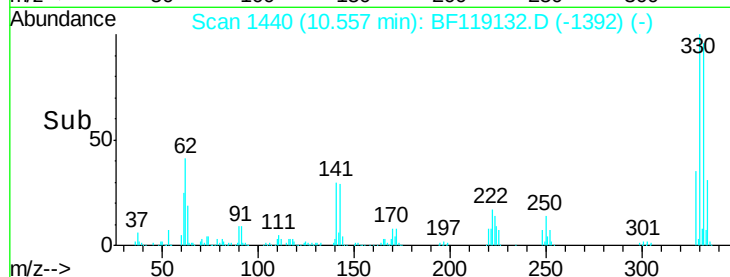
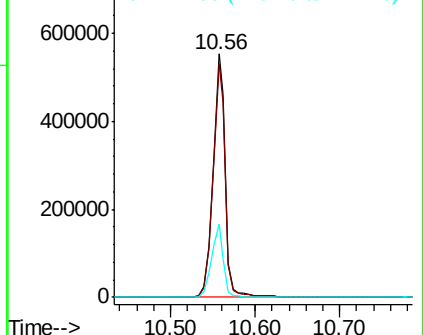
141 29.3 22.9 34.3



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: 86.180 ng

RT: 9.09 min Scan# 1191

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

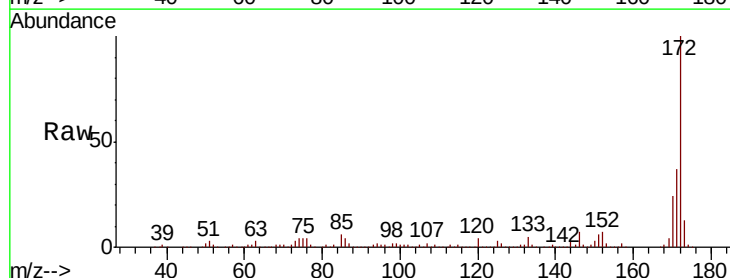
Tgt Ion:172 Resp: 1976871

Ion Ratio Lower Upper

172 100

171 36.7 30.6 45.8

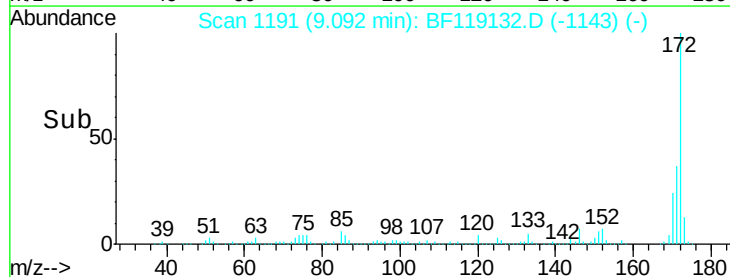
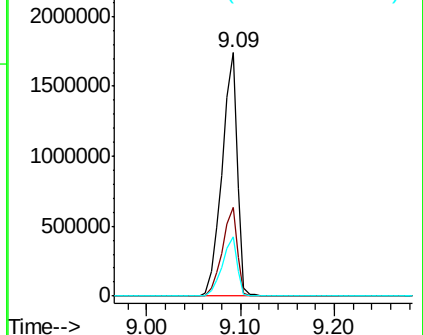
170 24.5 20.2 30.2

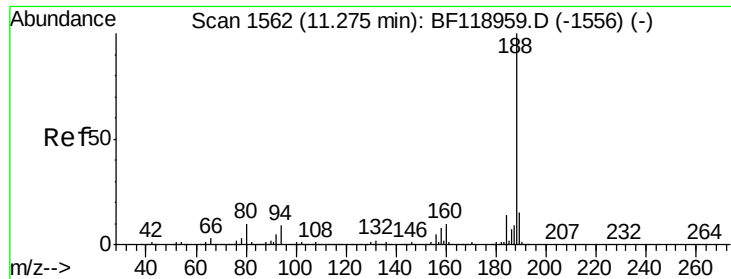


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.24 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

BNA_F

ClientSampleId :

PB127140BL

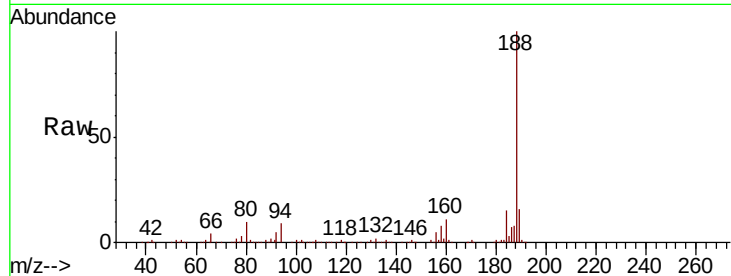
Tot Ion:188 Resp: 662217

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

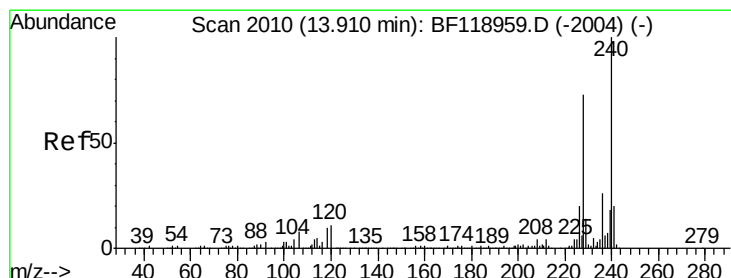
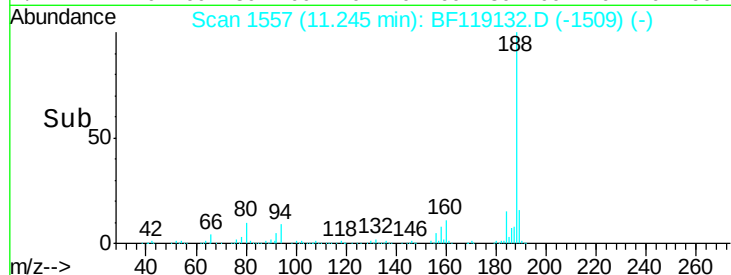
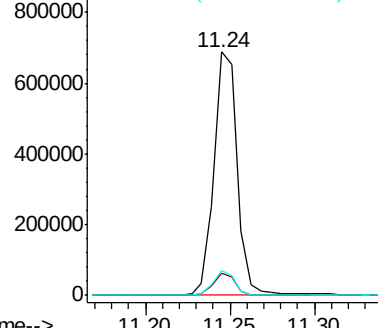
80 10.4 7.8 11.8



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: BF119132.D

Acq: 28 Feb 2020 15:18

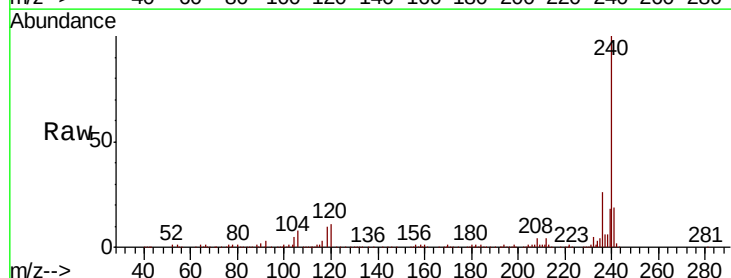
Tgt Ion:240 Resp: 487554

Ion Ratio Lower Upper

240 100

120 10.8 8.4 12.6

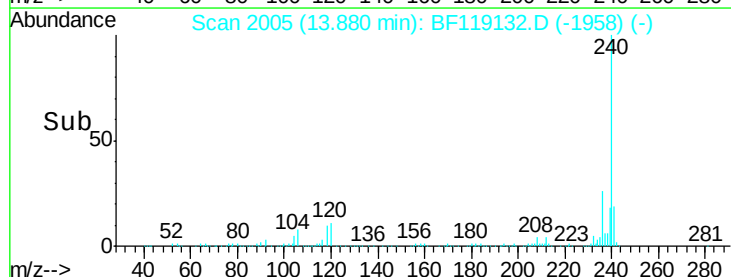
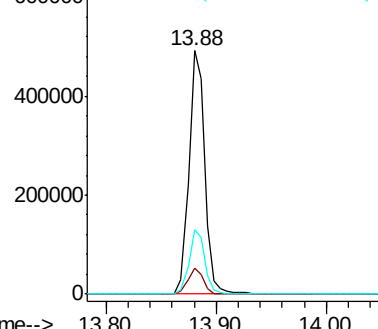
236 26.3 21.0 31.4

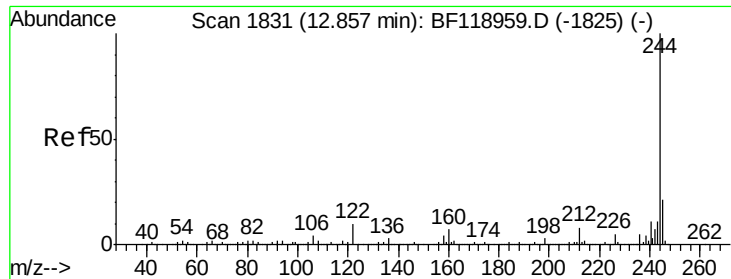


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.023 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119132.D

Acq: 28 Feb 2020 15:18

Instrument :

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ClientSampleId :

PB127140BL

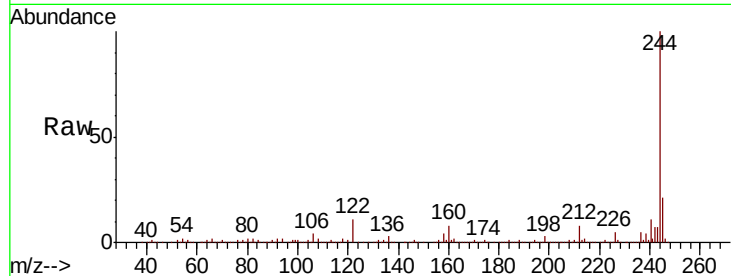
Tot Ion:244 Resp: 2662595

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

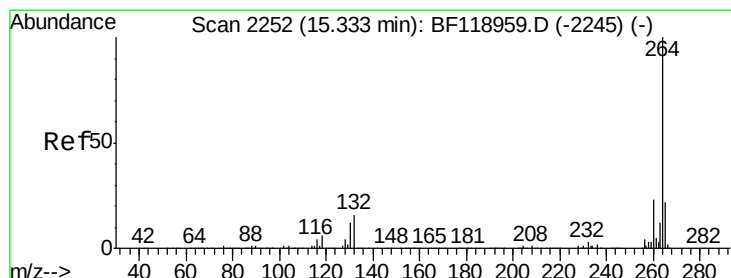
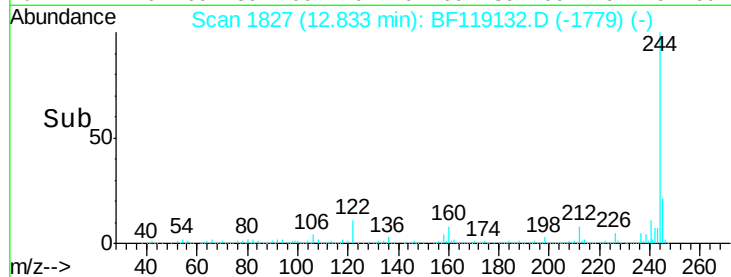
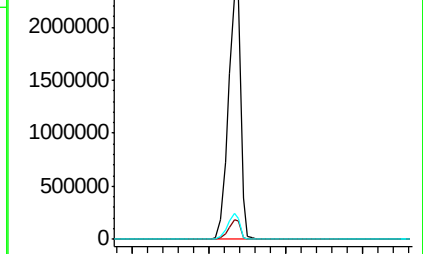
122 10.5 8.2 12.2



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: BF119132.D

Acq: 28 Feb 2020 15:18

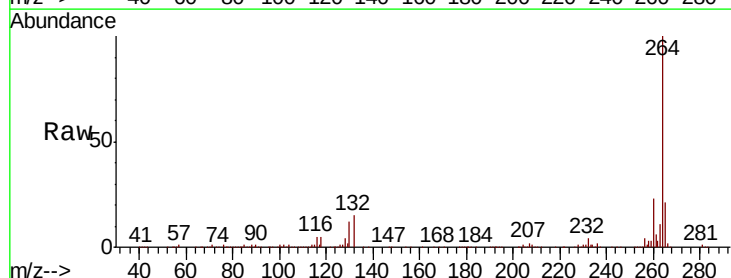
Tgt Ion:264 Resp: 381865

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.2

265 21.3 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

