

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030520\
 Data File : BF119215.D
 Acq On : 5 Mar 2020 15:35
 Operator : CG/JU
 Sample : PB127235BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BL

Quant Time: Mar 06 06:54:04 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	6.72	152	127040	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	493659	20.00	ng	-0.03
39) Acenaphthene-d10	9.76	164	285795	20.00	ng	-0.03
64) Phenanthrene-d10	11.24	188	561791	20.00	ng	-0.02
76) Chrysene-d12	13.89	240	390662	20.00	ng	-0.02
87) Perylene-d12	15.31	264	317335	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1020883	134.29	ng	0.00
7) Phenol-d6	6.39	99	1235402	133.63	ng	-0.02
23) Nitrobenzene-d5	7.29	82	830048	88.78	ng	-0.03
42) 2,4,6-Tribromophenol	10.56	330	474885	127.02	ng	-0.02
45) 2-Fluorobiphenyl	9.09	172	1709817	88.14	ng	-0.02
79) Terphenyl-d14	12.83	244	2267773	99.94	ng	-0.02

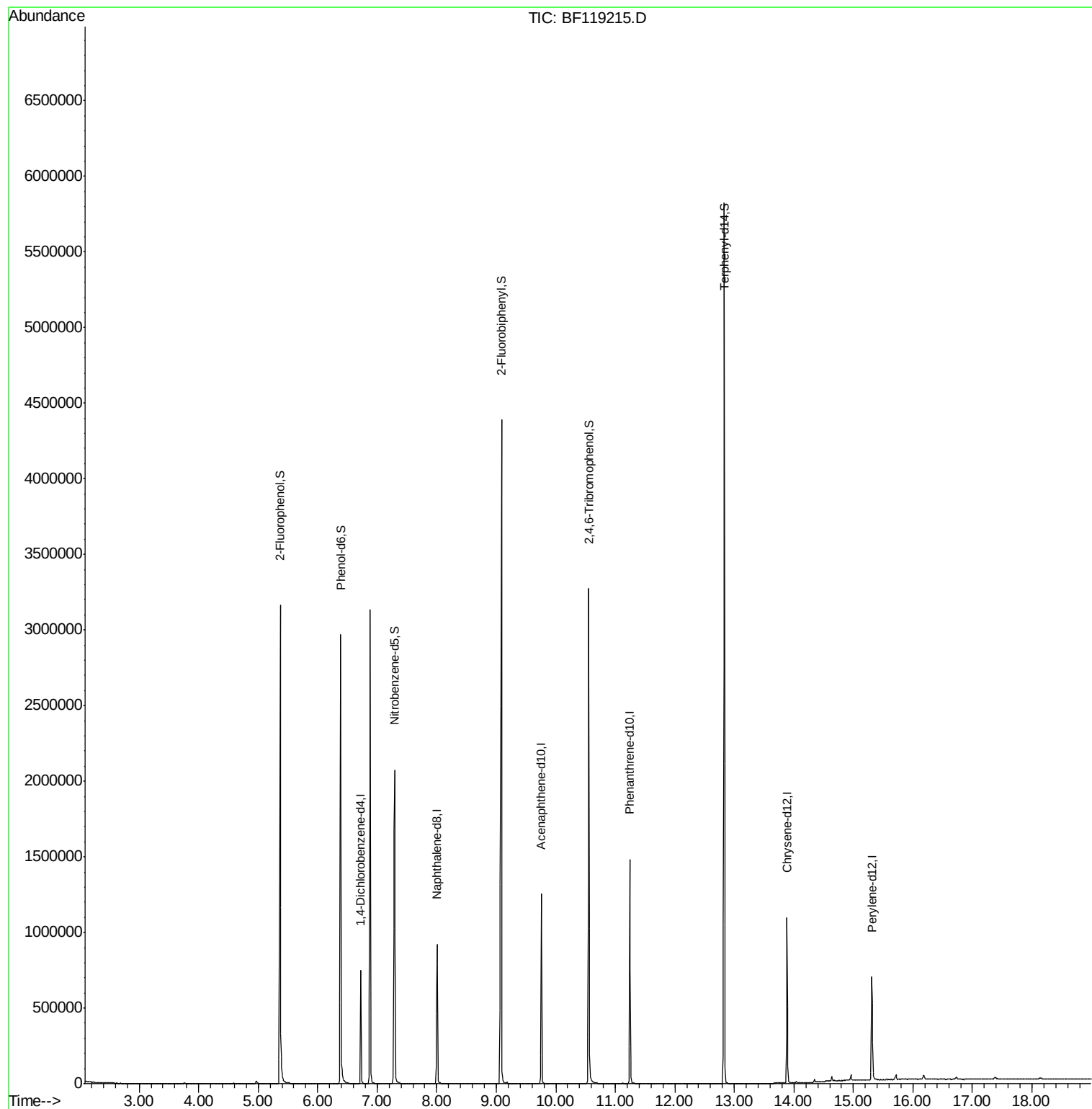
Target Compounds Qvalue

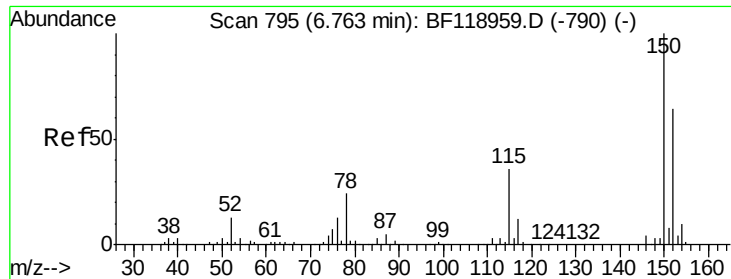
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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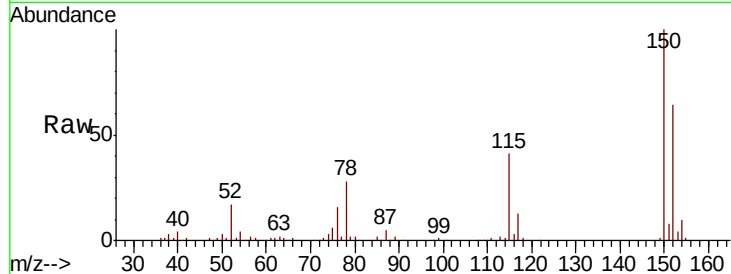


#1

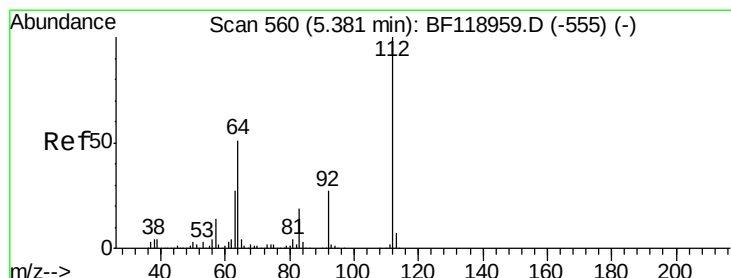
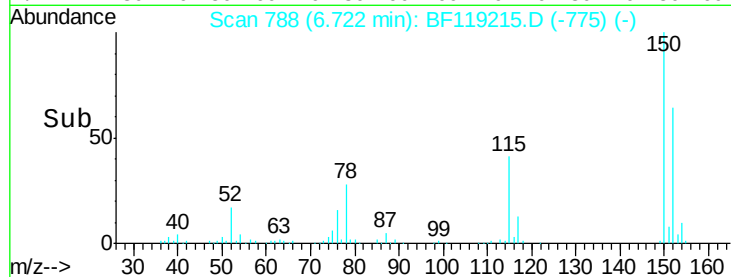
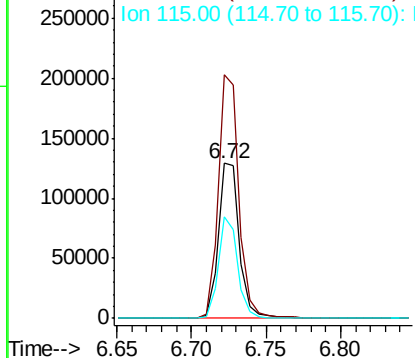
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF119215.D
Acq: 5 Mar 2020 15:35

Instrument :
BNA_F
ClientSampleId :
PB127235BL

Tot Ion:152 Resp: 127040
Ion Ratio Lower Upper
152 100
150 157.0 123.0 184.6
115 65.1 49.5 74.3



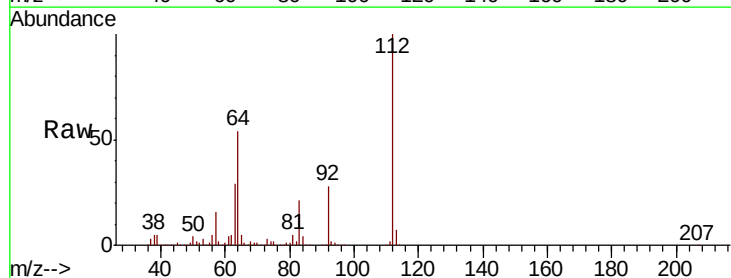
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



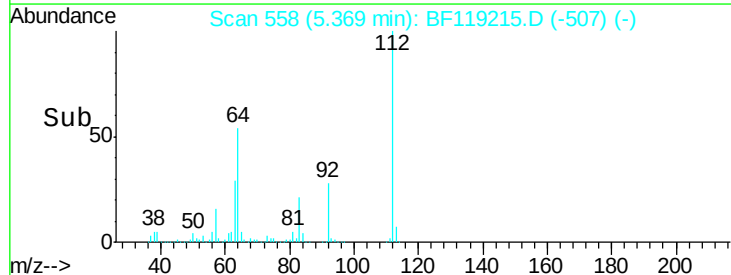
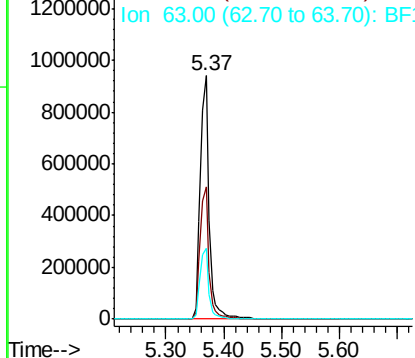
#5

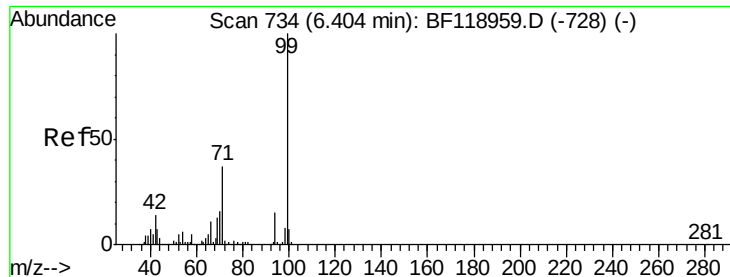
2-Fluorophenol
Concen: 134.294 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.00 min
Lab File: BF119215.D
Acq: 5 Mar 2020 15:35

Tgt Ion:112 Resp: 1020883
Ion Ratio Lower Upper
112 100
64 54.2 45.0 67.4
63 29.1 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: 133.626 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BF119215.D

Acq: 5 Mar 2020 15:35

Instrument :

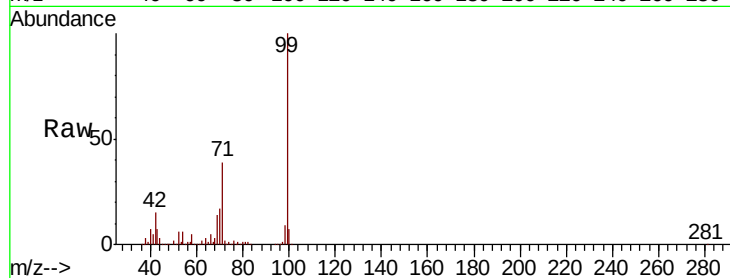
BNA_F

ClientSampleId :

PB127235BL

Tot Ion: 99 Resp: 1235402

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.6	18.8
71	39.3	31.0	46.4

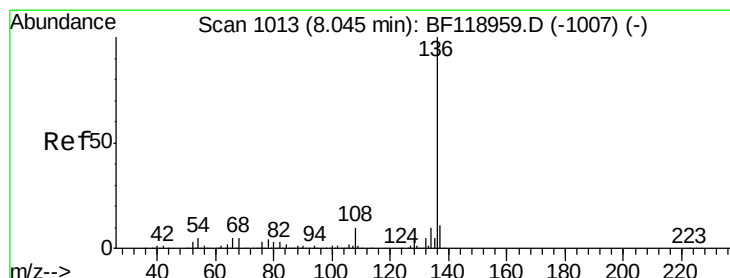
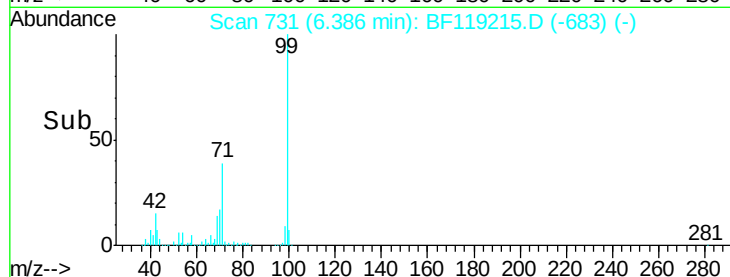


Abundance

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: 8.00 min Scan# 1006

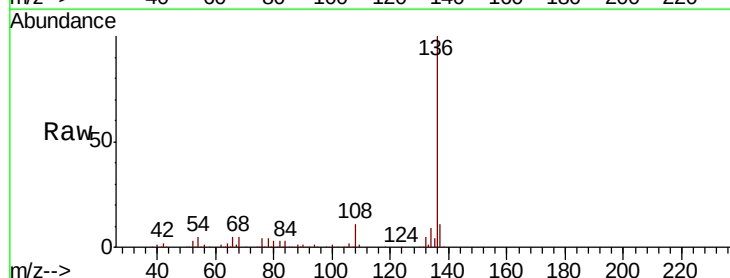
Delta R.T. -0.03 min

Lab File: BF119215.D

Acq: 5 Mar 2020 15:35

Tgt Ion: 136 Resp: 493659

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	5.3	3.8	5.6
68	5.3	3.9	5.9



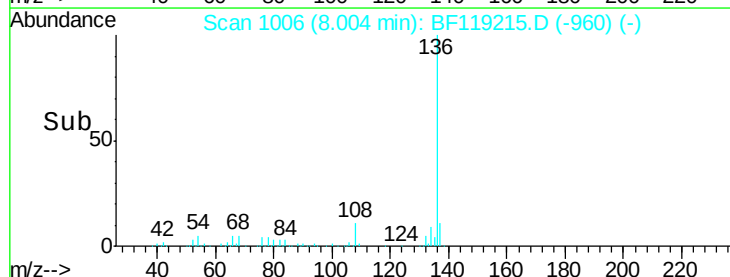
Abundance

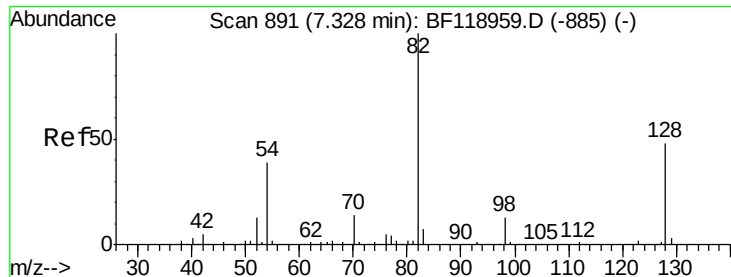
Ion 136.00 (135.70 to 136.70): E

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

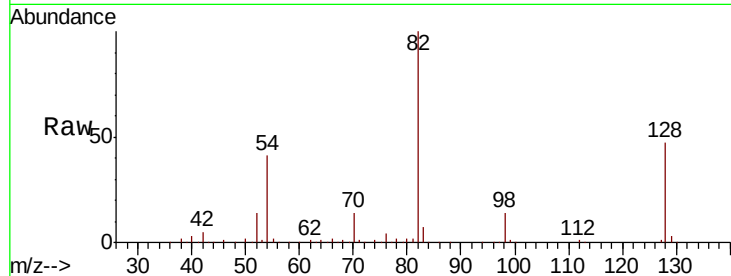




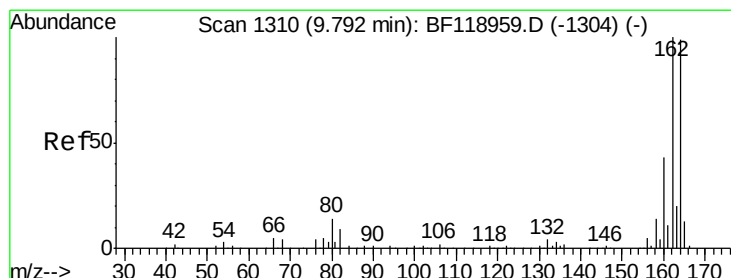
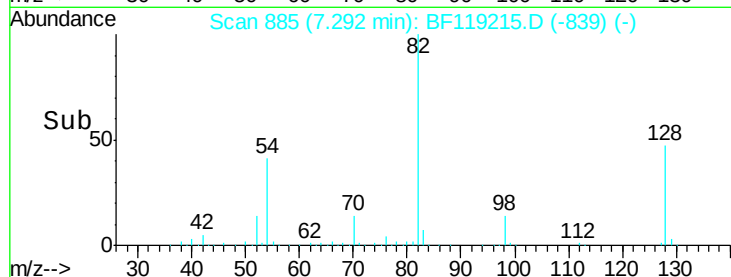
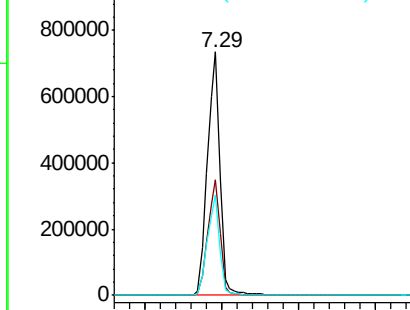
#23
 Nitrobenzene-d5
 Concen: 88.779 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BF119215.D
 Acq: 5 Mar 2020 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PB127235BL

Tot Ion: 82 Resp: 830048
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.9 56.9
 54 41.0 33.4 50.2

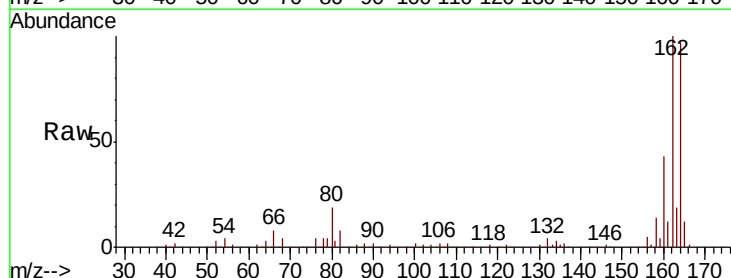


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

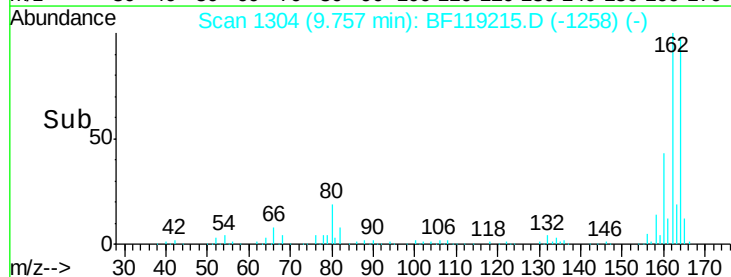
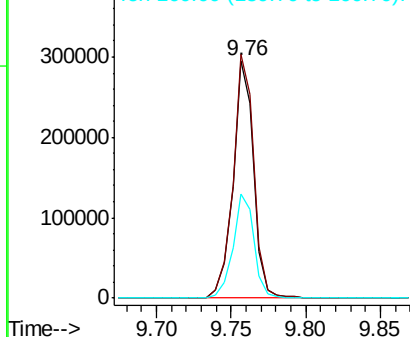


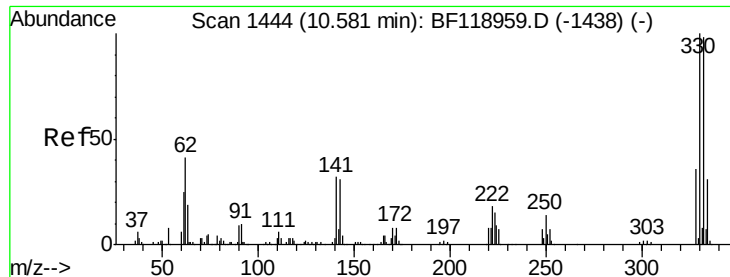
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF119215.D
 Acq: 5 Mar 2020 15:35

Tgt Ion: 164 Resp: 285795
 Ion Ratio Lower Upper
 164 100
 162 102.6 81.8 122.8
 160 43.7 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

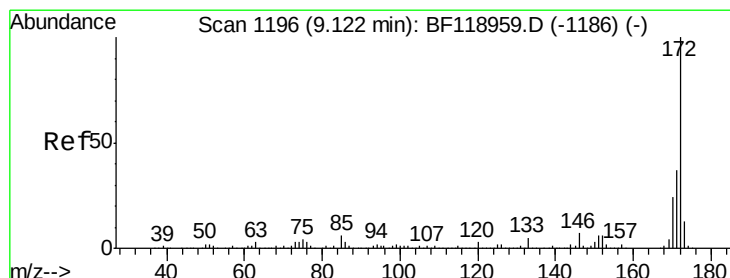
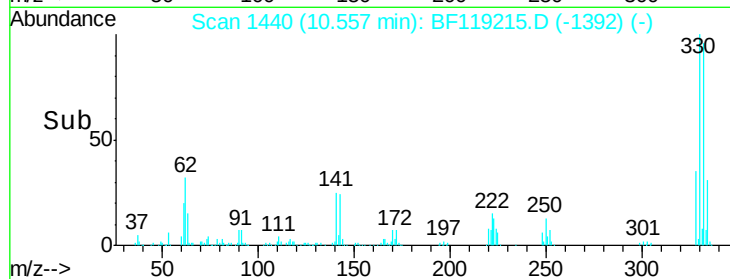
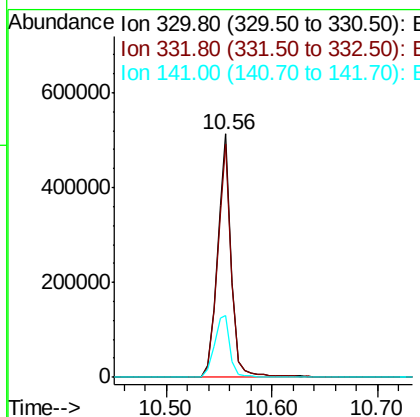
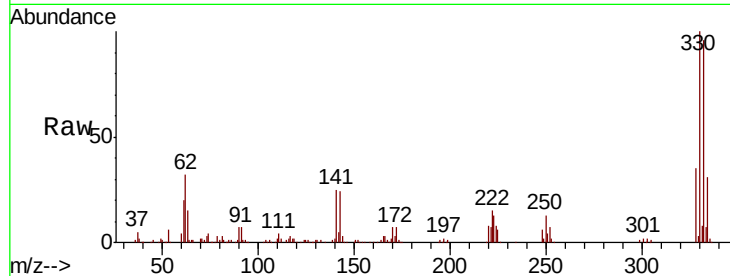




#42
 2,4,6-Tribromophenol
 Concen: 127.019 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF119215.D
 Acq: 5 Mar 2020 15:35

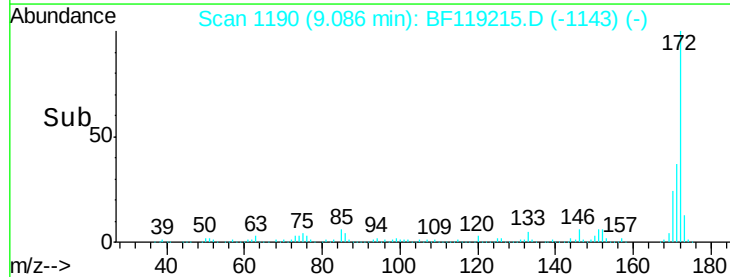
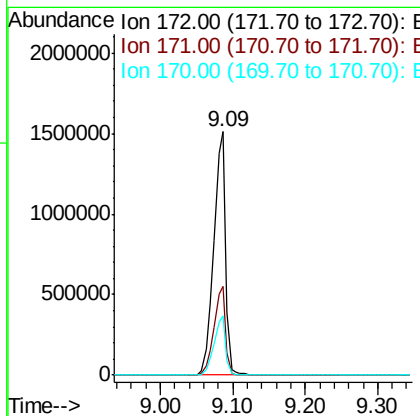
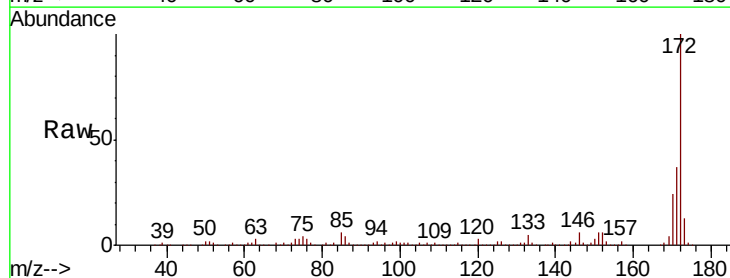
Instrument :
 BNA_F
 ClientSampleId :
 PB127235BL

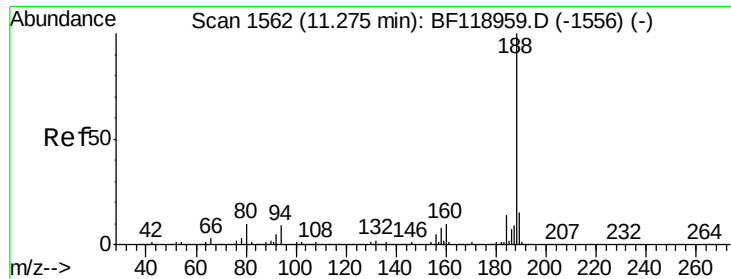
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.0	114.0
141	29.4	22.9	34.3



#45
 2-Fluorobiphenyl
 Concen: 88.135 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BF119215.D
 Acq: 5 Mar 2020 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	45.8
170	24.3	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: BF119215.D

Acq: 5 Mar 2020 15:35

Instrument :

BNA_F

ClientSampleId :

PB127235BL

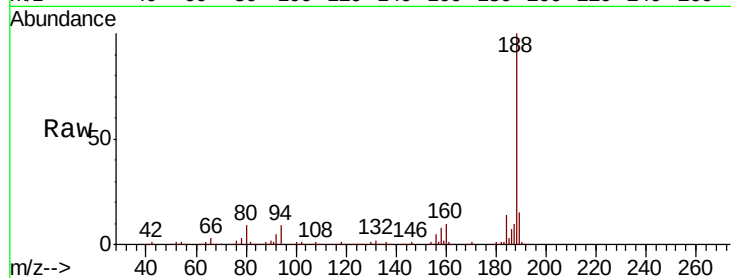
Tot Ion:188 Resp: 561791

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

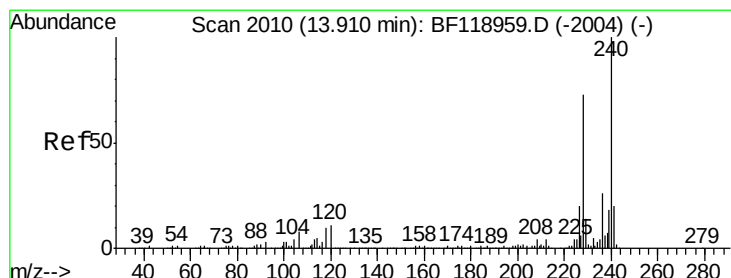
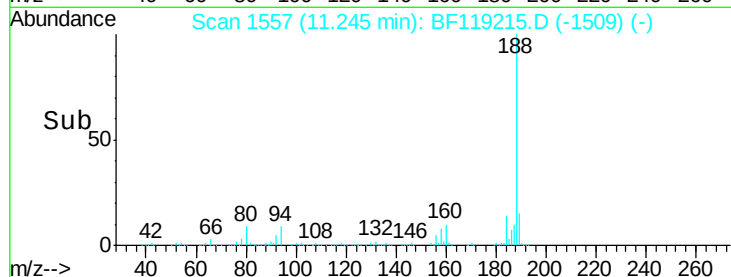
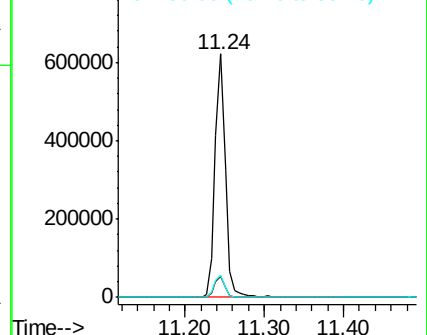
80 9.1 7.8 11.8



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: 13.89 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BF119215.D

Acq: 5 Mar 2020 15:35

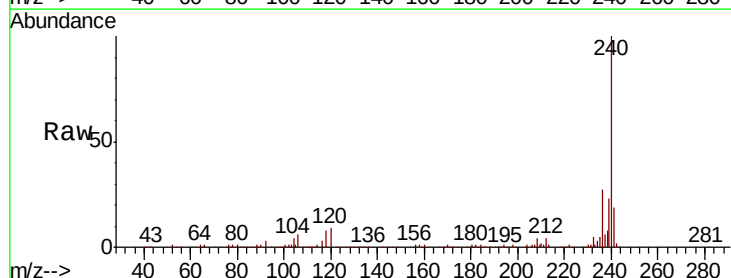
Tgt Ion:240 Resp: 390662

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

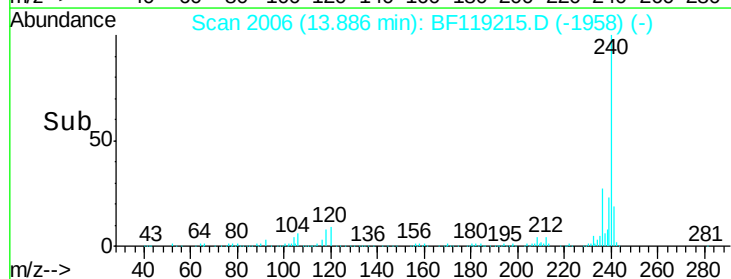
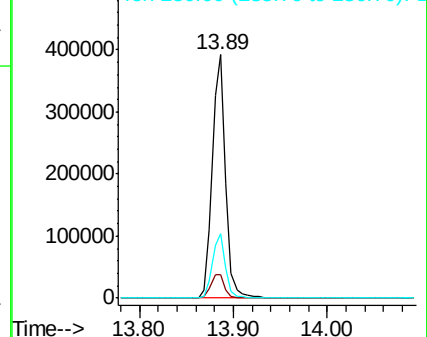
236 26.5 21.0 31.4

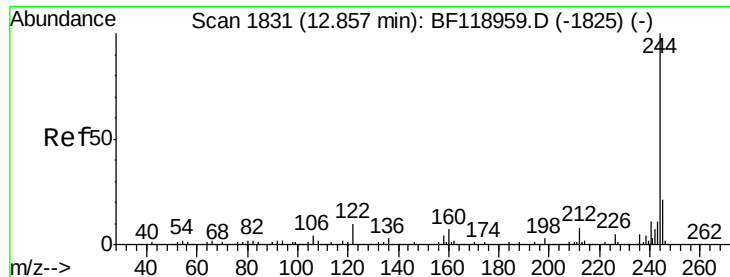


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.942 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF119215.D

Acq: 5 Mar 2020 15:35

Instrument :

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ClientSampleId :

PB127235BL

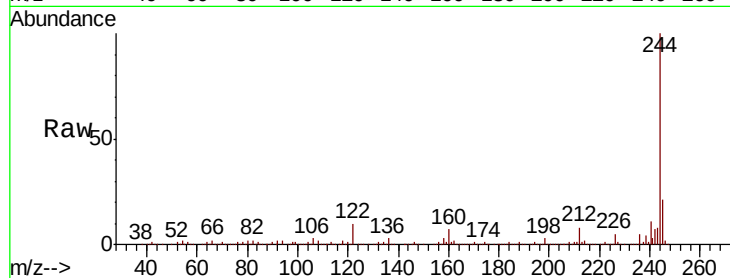
Tot Ion:244 Resp: 2267773

Ion Ratio Lower Upper

244 100

212 7.8 6.6 10.0

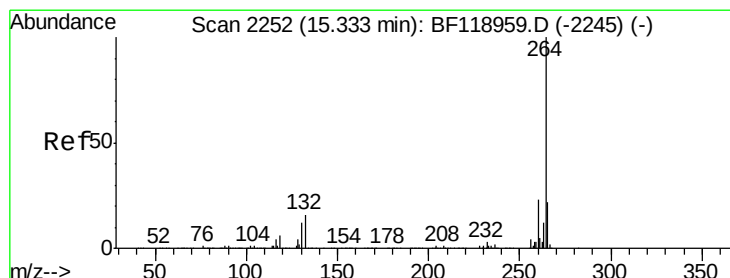
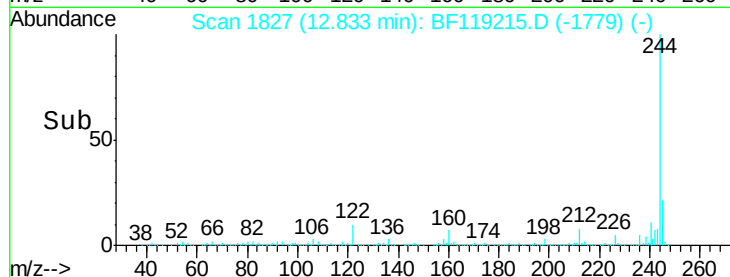
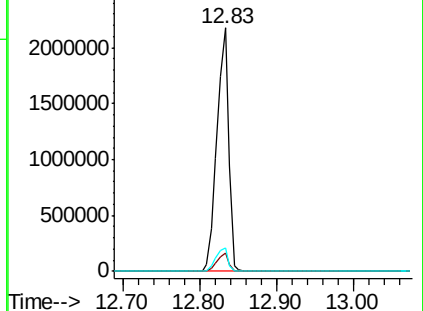
122 9.6 8.2 12.2



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: 15.31 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BF119215.D

Acq: 5 Mar 2020 15:35

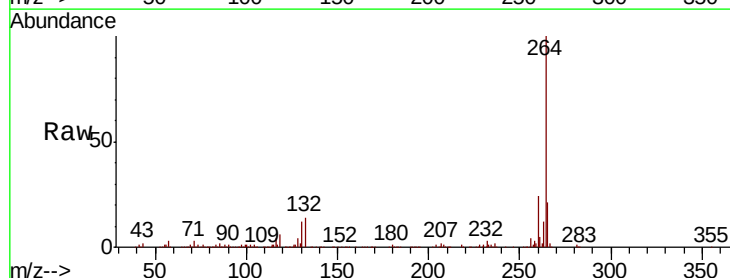
Tgt Ion:264 Resp: 317335

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 20.6 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

