

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118279.D
 Acq On : 19 Dec 2019 15:06
 Operator : JU
 Sample : PB125583BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125583BL

Quant Time: Dec 20 02:58:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125052	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	482304	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	260850	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	493813	20.00	ng	-0.01
76) Chrysene-d12	14.05	240	320115	20.00	ng	-0.02
87) Perylene-d12	15.54	264	260896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1029344	144.17	ng	0.00
7) Phenol-d6	6.50	99	1285322	148.84	ng	0.00
23) Nitrobenzene-d5	7.43	82	780405	91.03	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	453649	143.16	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	1613272	94.11	ng	-0.01
79) Terphenyl-d14	12.99	244	1972800	105.98	ng	-0.01

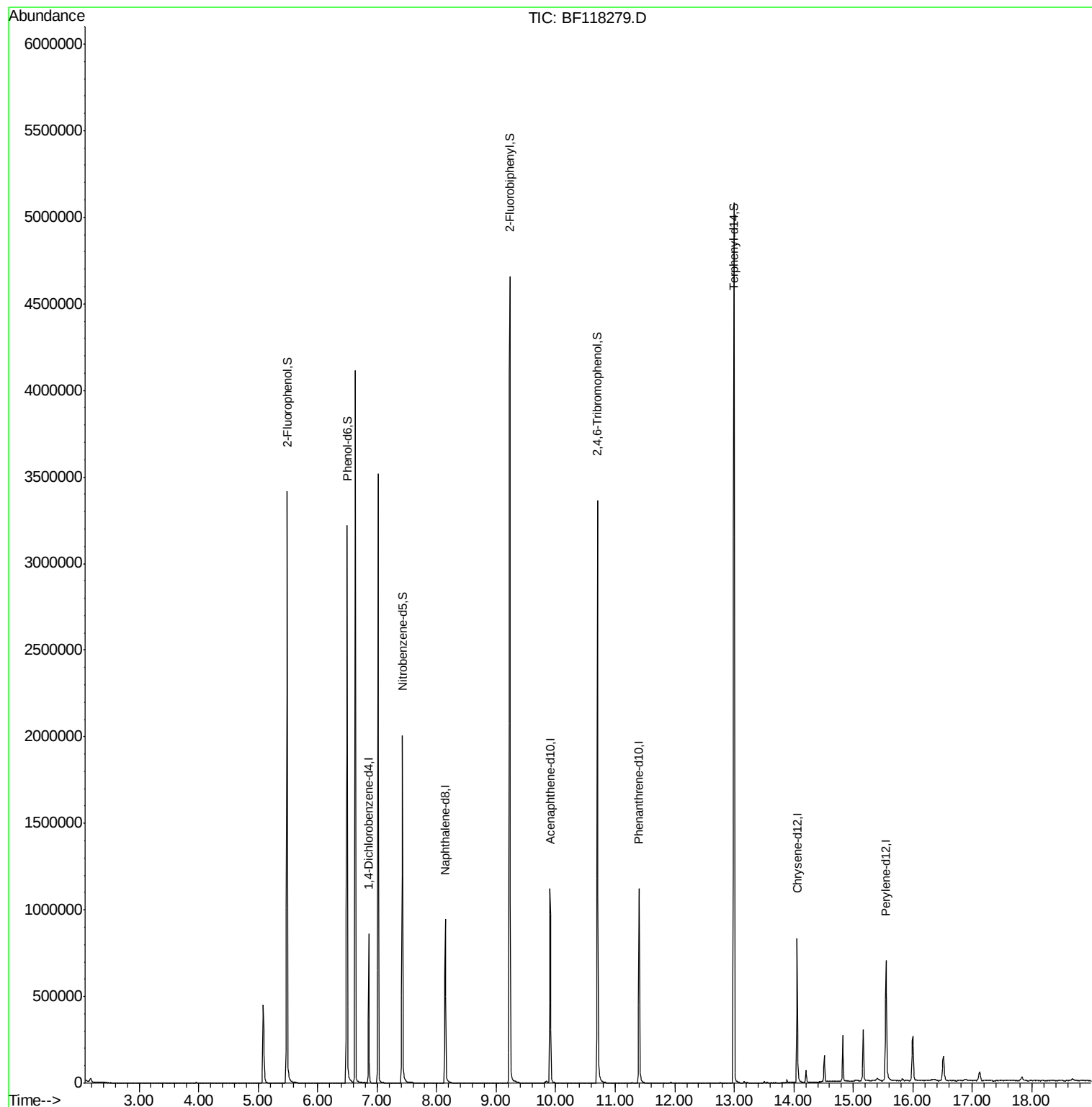
Target Compounds Qvalue

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

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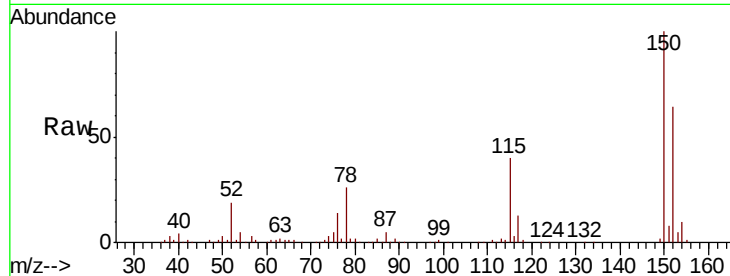


#1

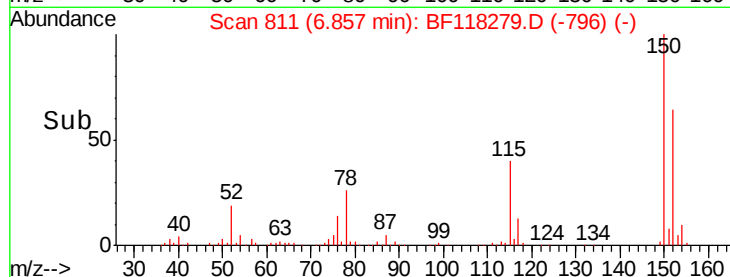
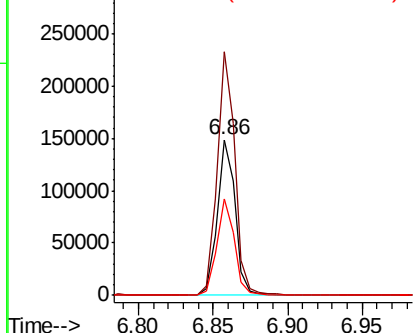
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Instrument :
BNA_F
ClientSampleId :
PB125583BL

Tot Ion:152 Resp: 125052
Ion Ratio Lower Upper
152 100
150 156.2 128.3 192.5
115 61.7 51.1 76.7



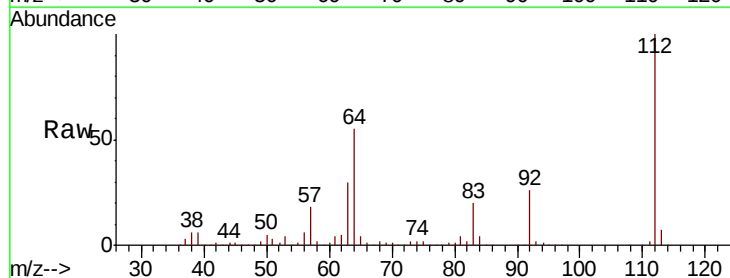
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



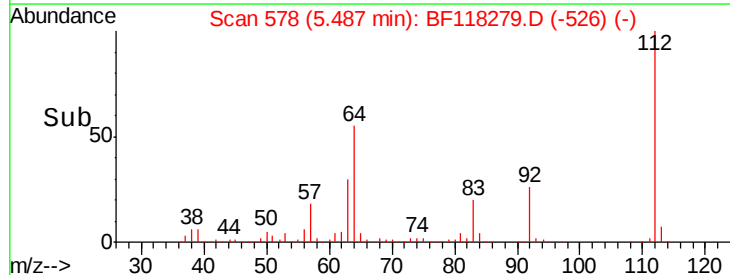
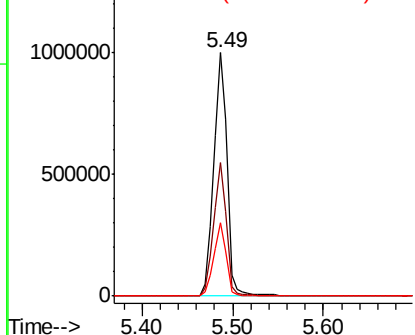
#5

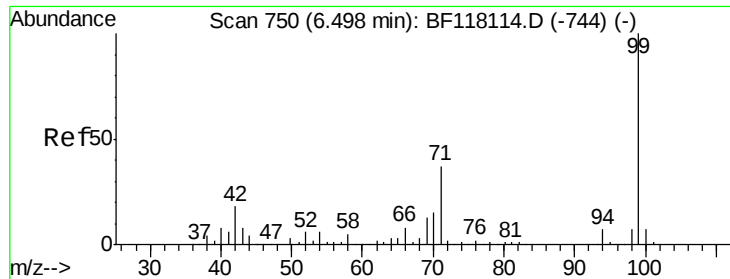
2-Fluorophenol
Concen: 144.169 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:112 Resp: 1029344
Ion Ratio Lower Upper
112 100
64 54.8 41.3 61.9
63 30.2 22.4 33.6



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: 148.835 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB125583BL

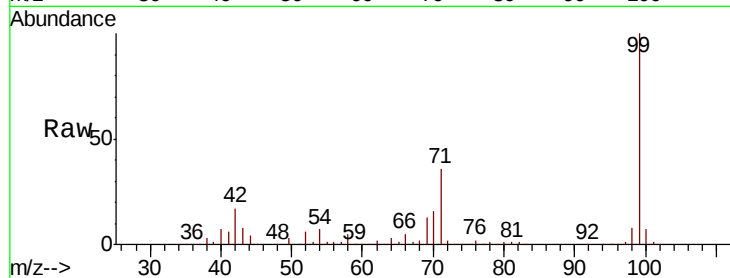
Tot Ion: 99 Resp: 1285322

Ion Ratio Lower Upper

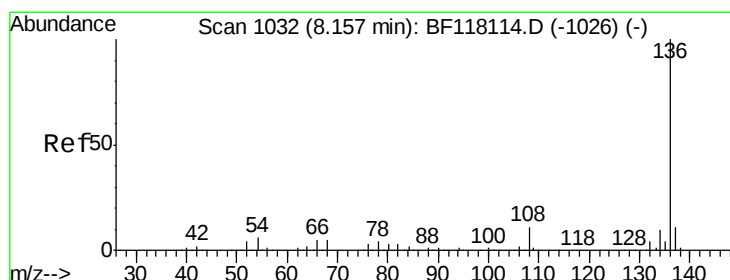
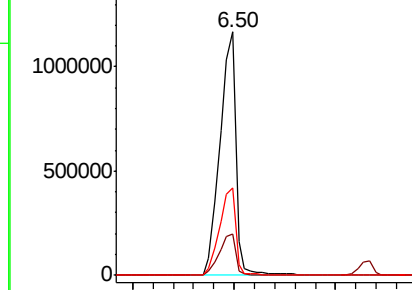
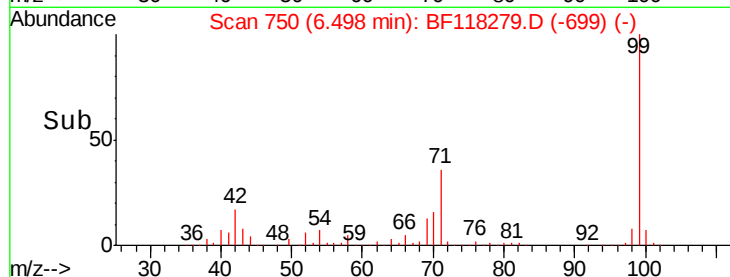
99 100

42 17.1 14.1 21.1

71 36.1 29.7 44.5



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Tgt Ion: 136 Resp: 482304

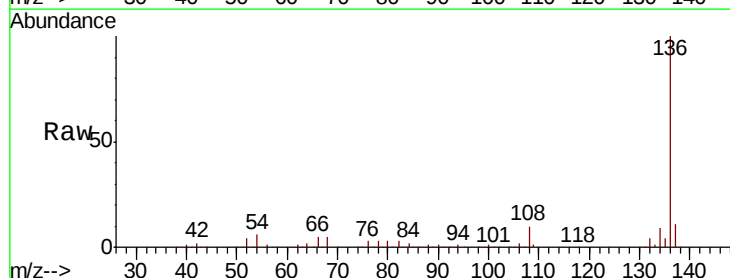
Ion Ratio Lower Upper

136 100

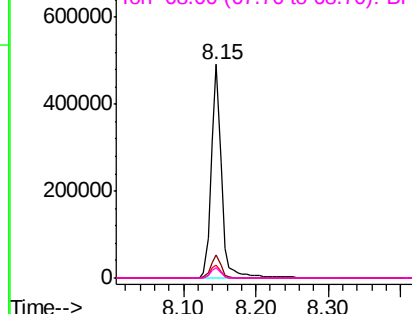
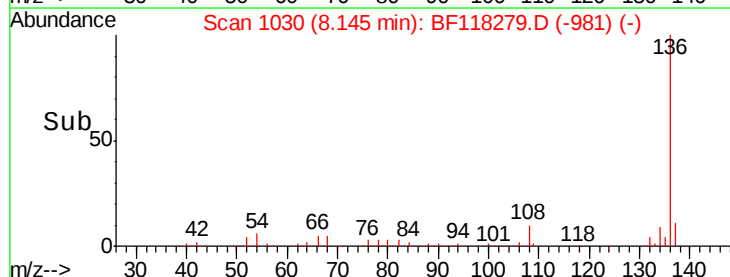
137 11.1 9.0 13.6

54 5.9 5.0 7.6

68 4.5 3.8 5.8



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

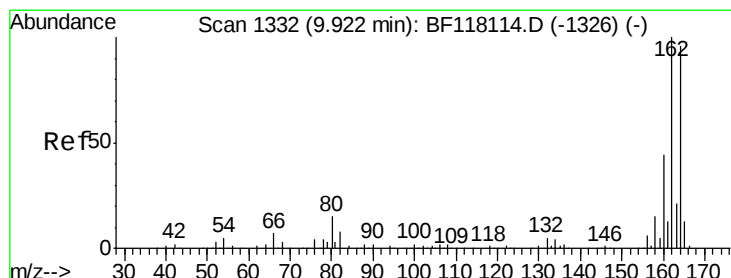
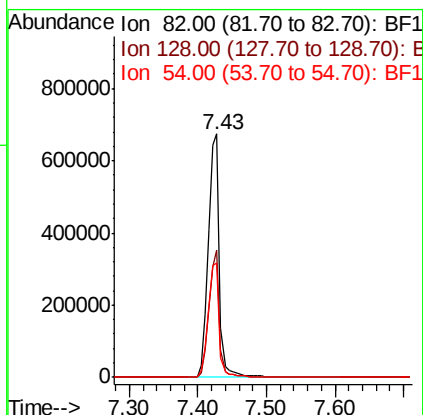
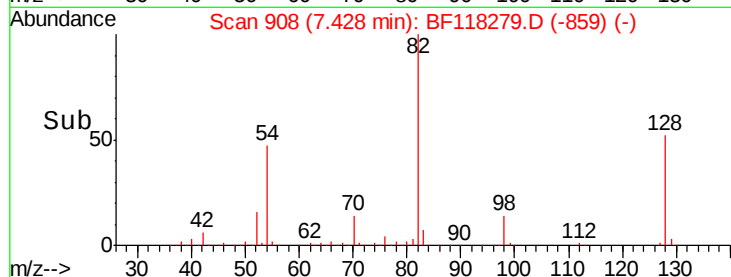
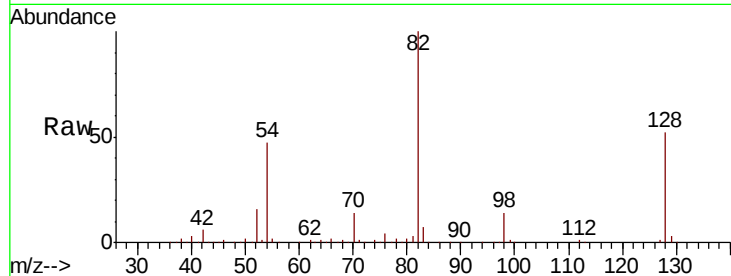




#23
Nitrobenzene-d5
Concen: 91.029 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

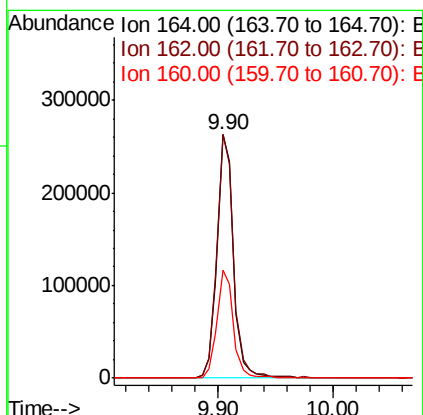
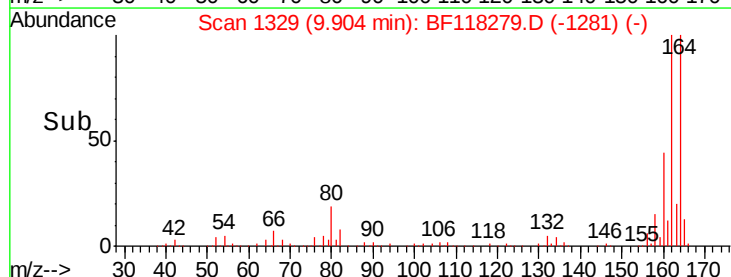
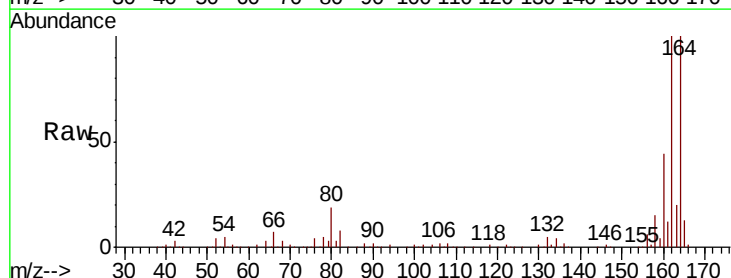
Instrument :
BNA_F
ClientSampleId :
PB125583BL

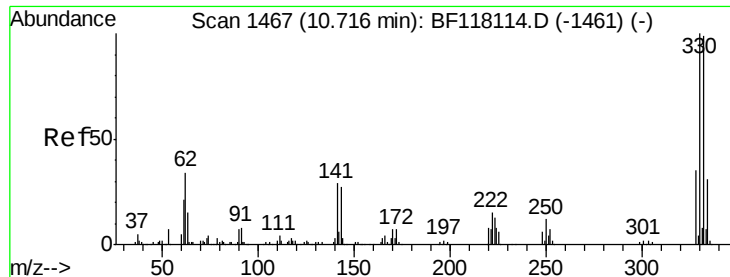
Tot Ion: 82 Resp: 780405
Ion Ratio Lower Upper
82 100
128 52.0 39.1 58.7
54 46.8 38.2 57.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:164 Resp: 260850
Ion Ratio Lower Upper
164 100
162 100.1 83.4 125.0
160 44.2 36.6 54.8

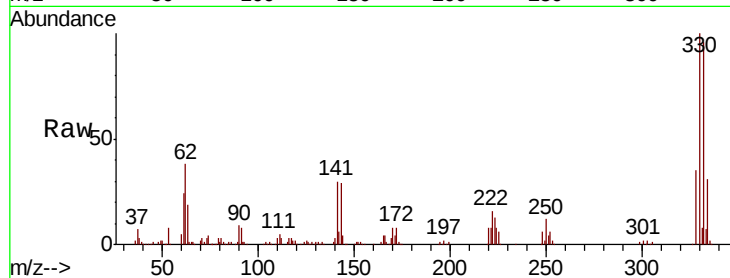




#42
 2,4,6-Tribromophenol
 Concen: 143.159 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

Instrument :
 BNA_F
 ClientSampleId :
 PB125583BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	32.2	26.9	40.3

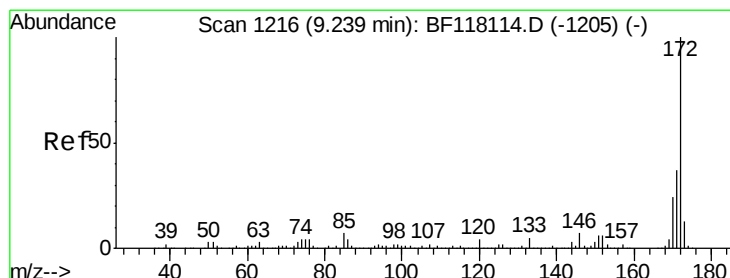
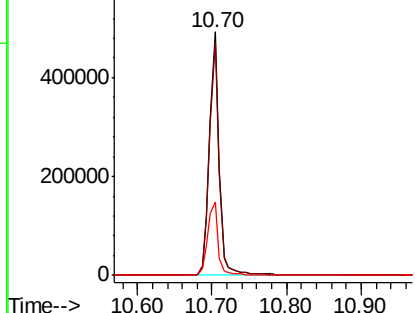
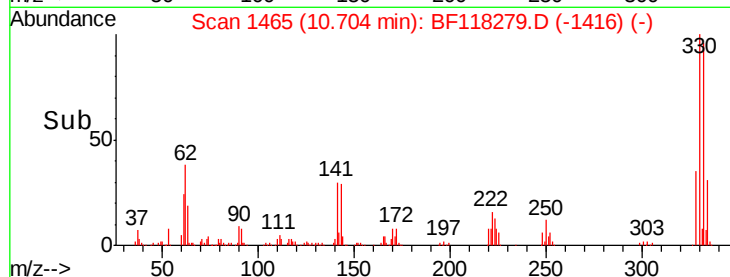


Abundance

Ion 329.80 (329.50 to 330.50): E

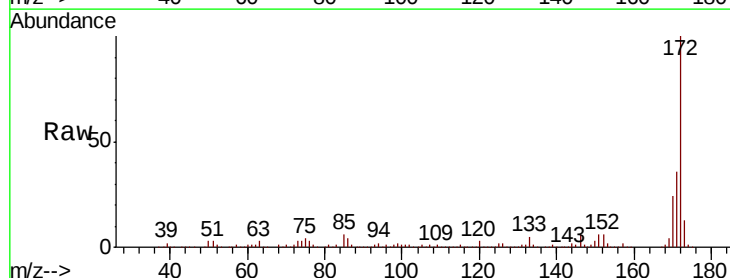
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.109 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF118279.D
 Acq: 19 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.1	19.4	29.2

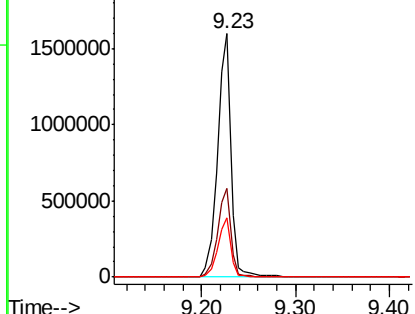
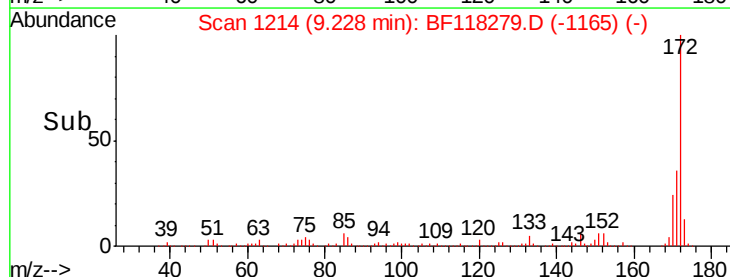


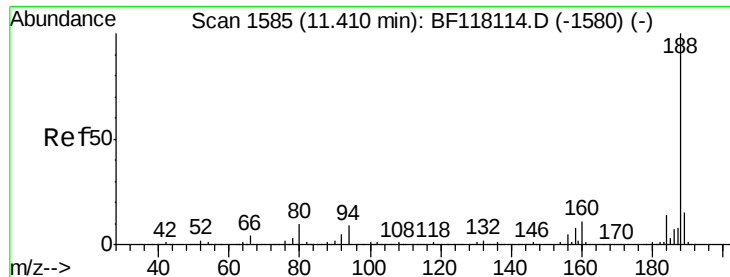
Abundance

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

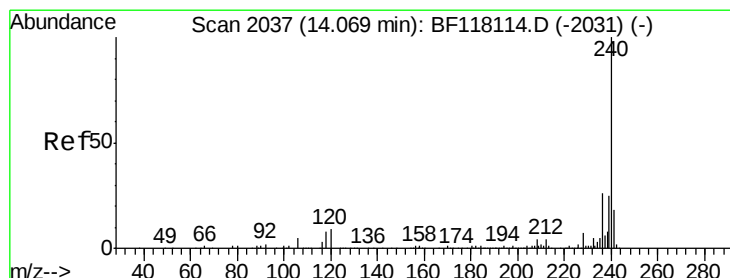
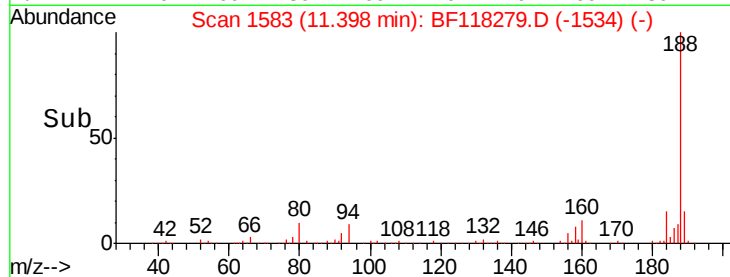
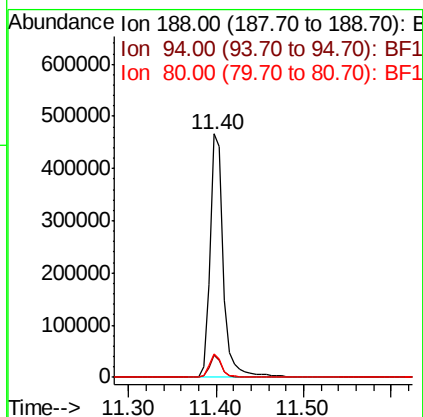
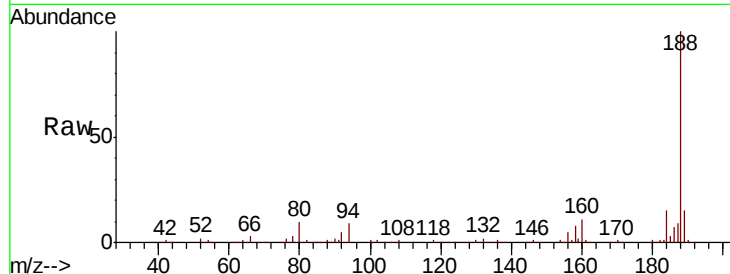




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

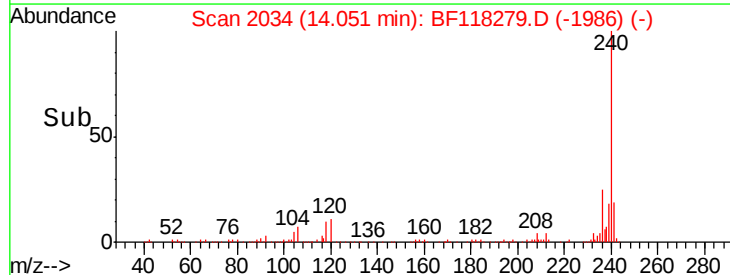
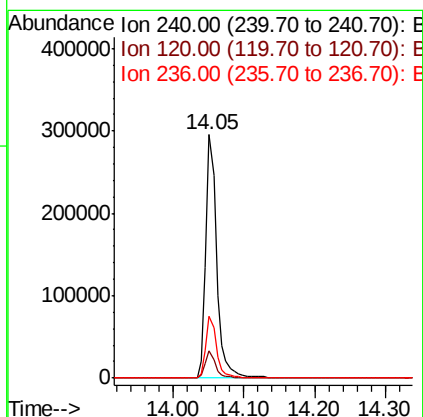
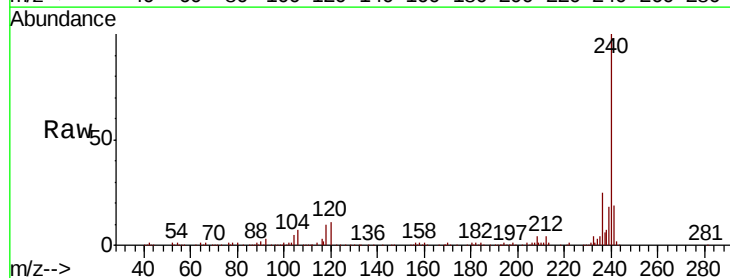
Instrument :
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ClientSampleId :
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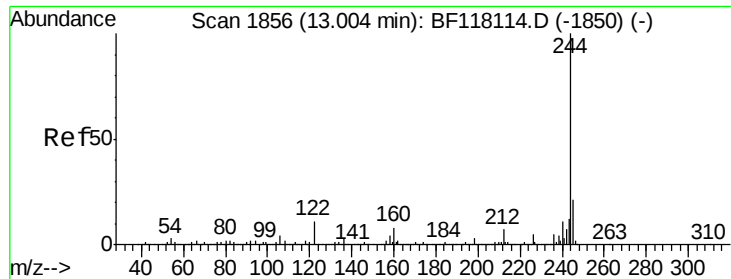
Tot Ion:188 Resp: 493813
Ion Ratio Lower Upper
188 100
94 9.3 7.1 10.7
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF118279.D
Acq: 19 Dec 2019 15:06

Tgt Ion:240 Resp: 320115
Ion Ratio Lower Upper
240 100
120 11.3 7.1 10.7#
236 25.2 21.0 31.6





#79

Terphenyl-d14

Concen: 105.977 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

Instrument :

BNA_F

ClientSampleId :

PB125583BL

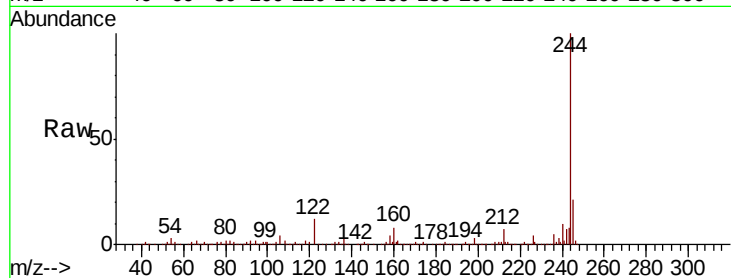
Tot Ion:244 Resp: 1972800

Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

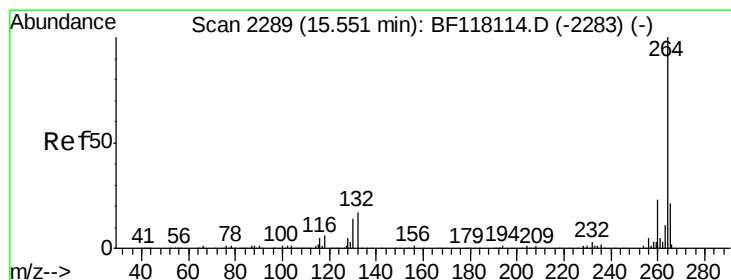
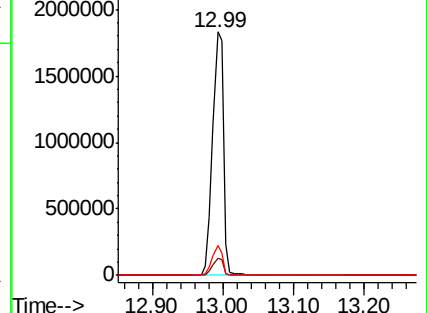
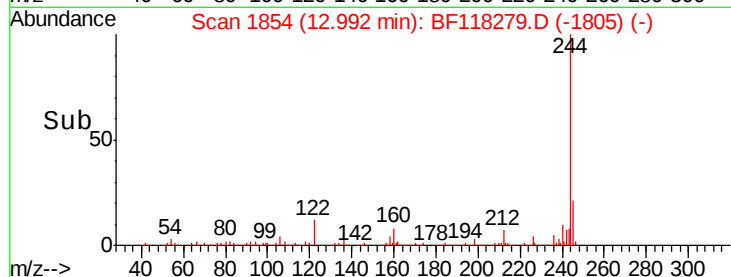
122 12.5 9.0 13.6



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: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118279.D

Acq: 19 Dec 2019 15:06

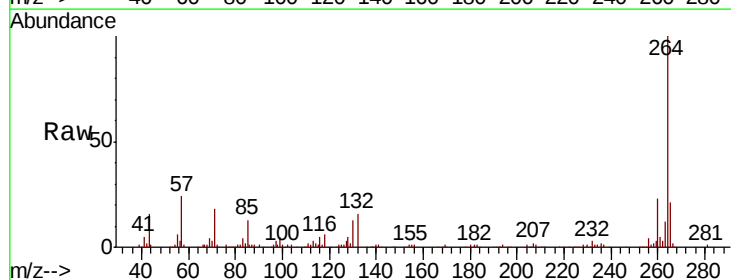
Tgt Ion:264 Resp: 260896

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 21.1 16.8 25.2



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

