

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114629.D
 Acq On : 26 May 2019 4:06
 Operator : JU/SJ
 Sample : PB120077BL
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BL

Quant Time: May 27 01:36:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 24 07:23:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160886	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	609435	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	289615	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	586237	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	432635	20.00	ng	-0.02
87) Perylene-d12	15.43	264	413115	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1088408	108.87	ng	-0.01
7) Phenol-d6	6.45	99	1420037	120.09	ng	-0.02
23) Nitrobenzene-d5	7.36	82	866285	79.77	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	326760	109.13	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1570659	82.04	ng	-0.02
79) Terphenyl-d14	12.90	244	1547031	73.71	ng	-0.01

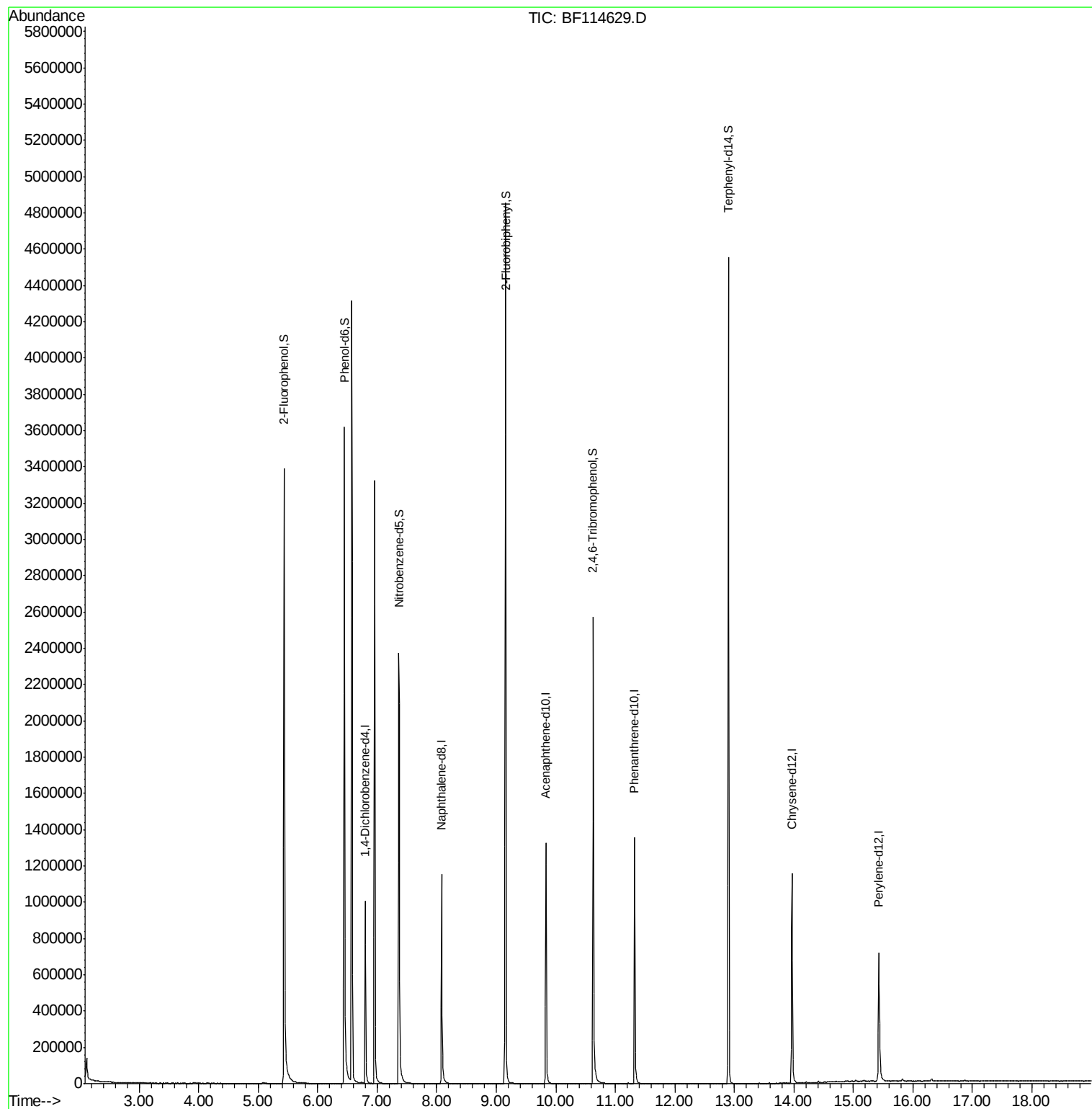
Target Compounds Qvalue

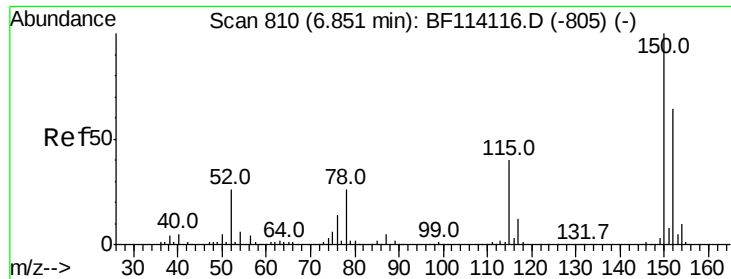
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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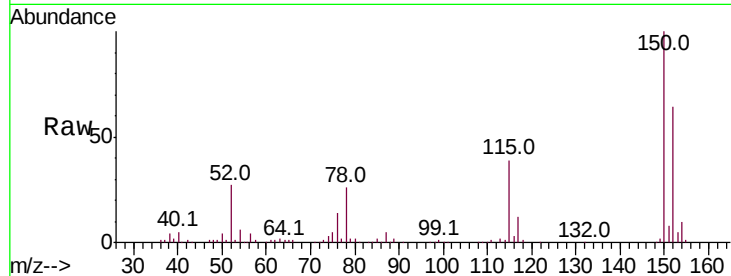


#1

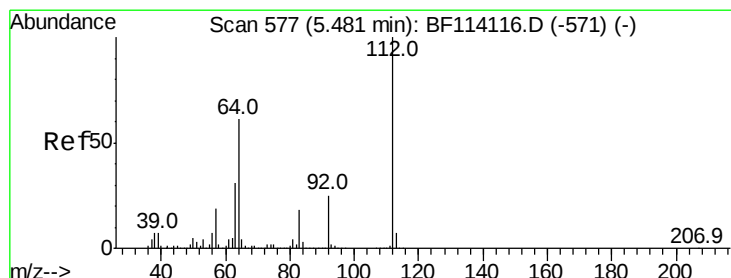
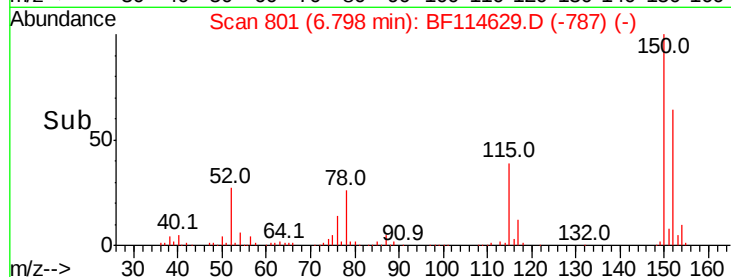
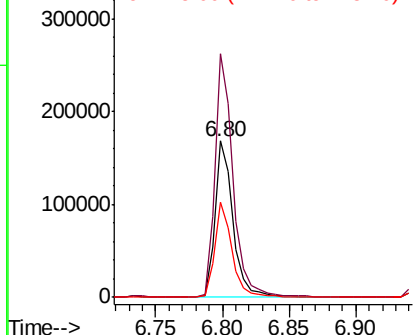
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

Instrument :
 BNA_F
 ClientSampleId :
 PB120077BL

Tot Ion:152 Resp: 160886
 Ion Ratio Lower Upper
 152 100
 150 155.6 124.3 186.5
 115 61.1 49.1 73.7



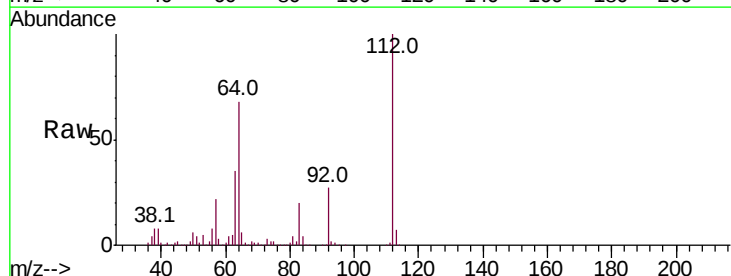
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



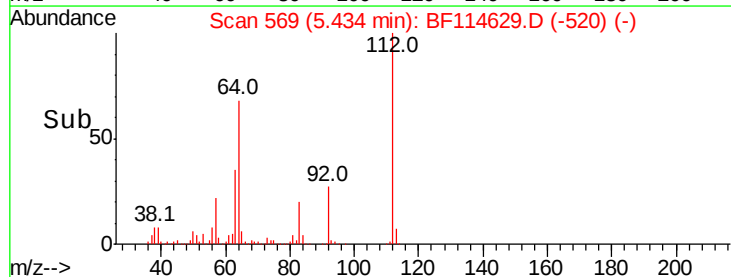
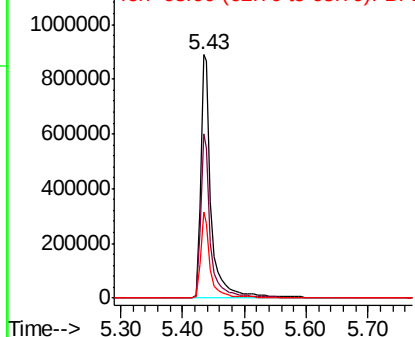
#5

2-Fluorophenol
 Concen: 108.868 ng
 RT: 5.43 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF114629.D
 Acq: 26 May 2019 4:06

Tgt Ion:112 Resp: 1088408
 Ion Ratio Lower Upper
 112 100
 64 67.7 49.0 73.6
 63 35.3 24.6 37.0



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: 120.094 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

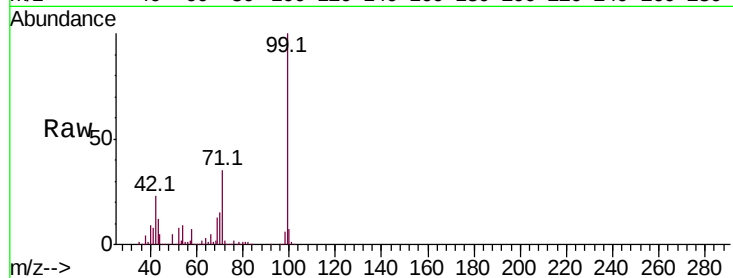
BNA_F

ClientSampleId :

PB120077BL

Tot Ion: 99 Resp: 1420037

Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.9	26.9
71	34.5	26.2	39.2

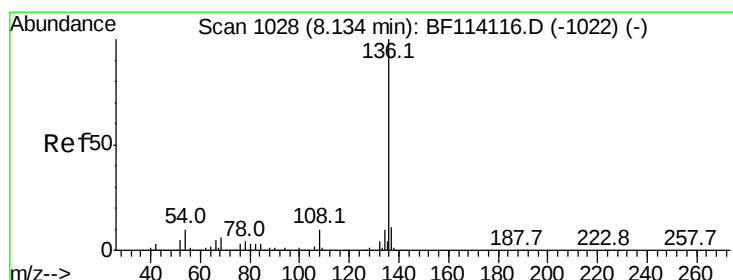
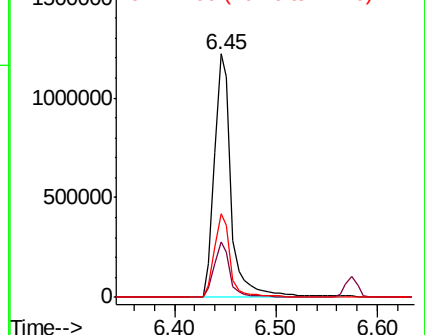
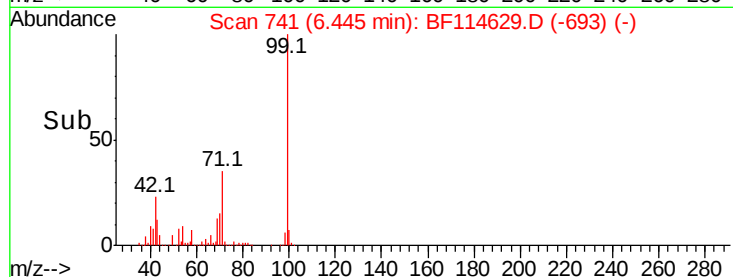


Abundance

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: 8.08 min Scan# 1019

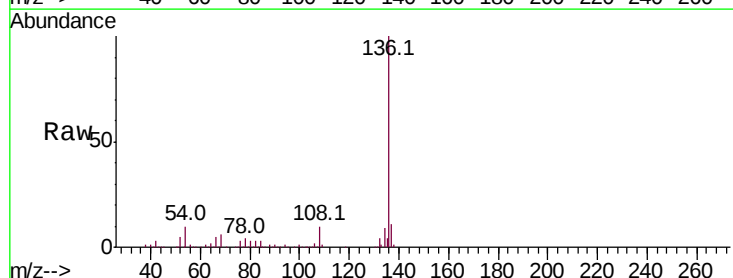
Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Tgt Ion: 136 Resp: 609435

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.7	7.8	11.8
68	5.9	5.1	7.7



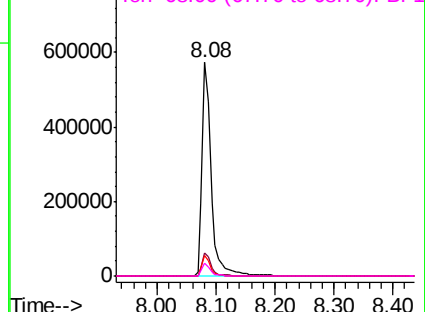
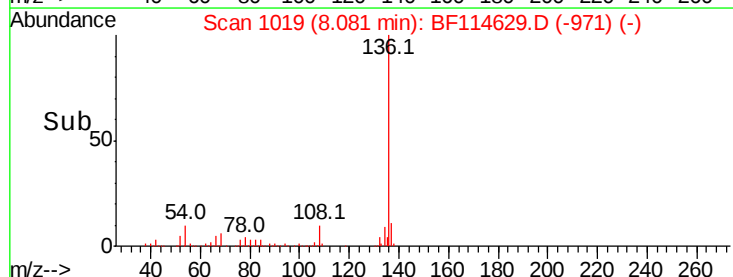
Abundance

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

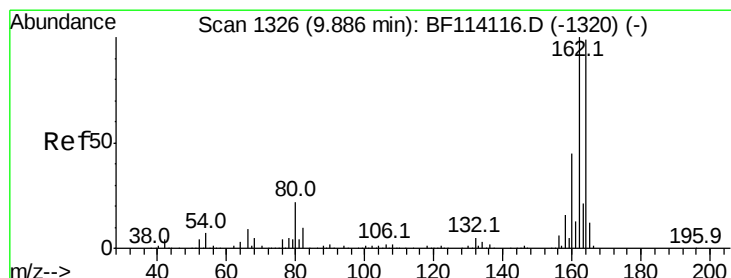
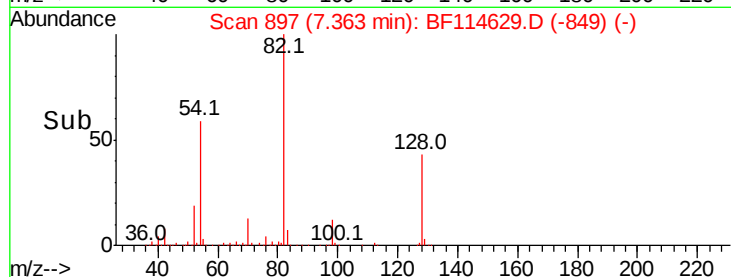
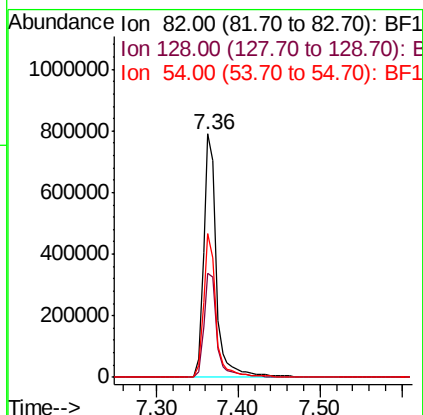
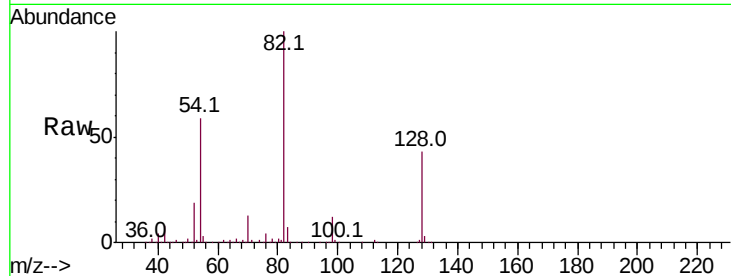




#23
Nitrobenzene-d5
Concen: 79.772 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

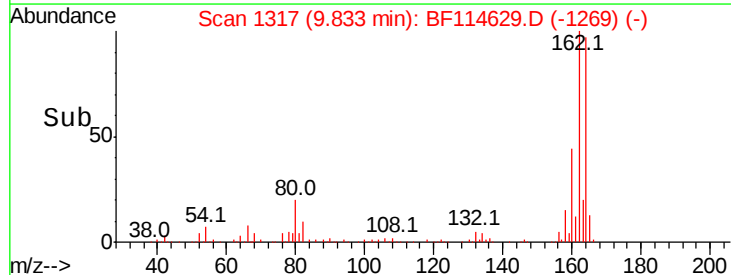
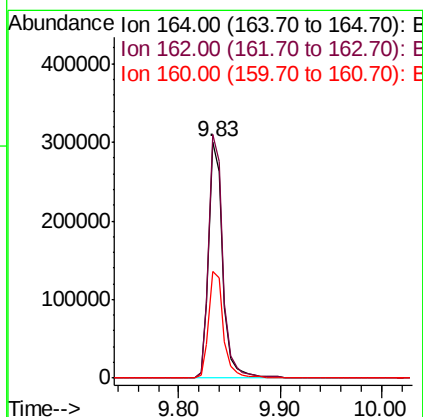
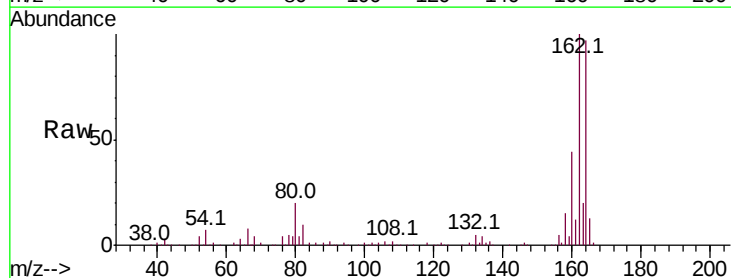
Instrument :
BNA_F
ClientSampleId :
PB120077BL

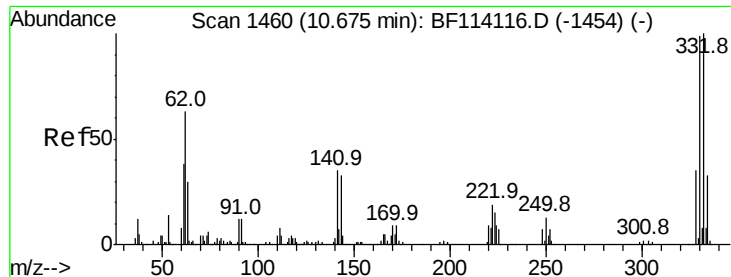
Tot Ion	82	Resp	866285
Ion Ratio	Lower	Upper	
82	100		
128	42.8	35.5	53.3
54	59.3	48.5	72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114629.D
Acq: 26 May 2019 4:06

Tgt Ion	164	Resp	289615
Ion Ratio	Lower	Upper	
164	100		
162	103.0	80.6	120.8
160	44.9	36.5	54.7





#42

2,4,6-Tribromophenol

Concen: 109.133 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

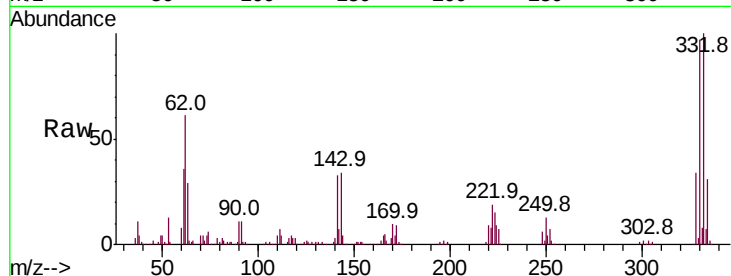
Tot Ion:330 Resp: 326760

Ion Ratio Lower Upper

330 100

332 102.6 81.4 122.2

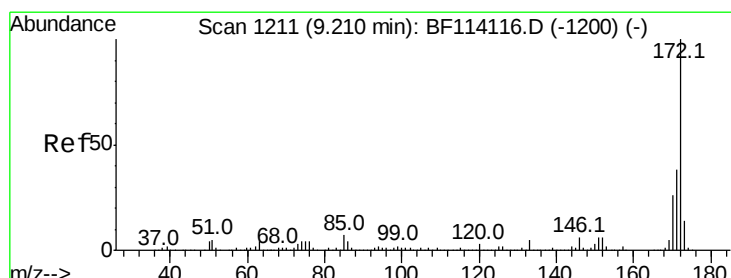
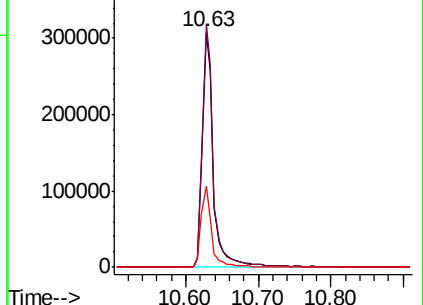
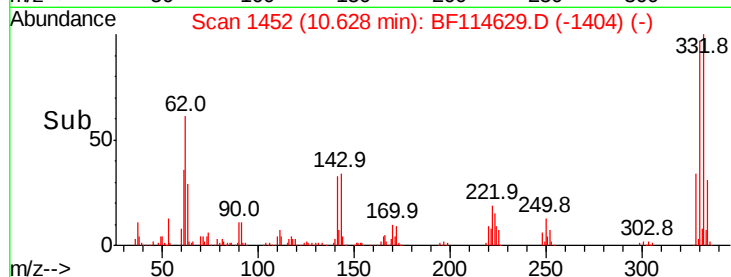
141 33.1 26.6 40.0



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: 82.036 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

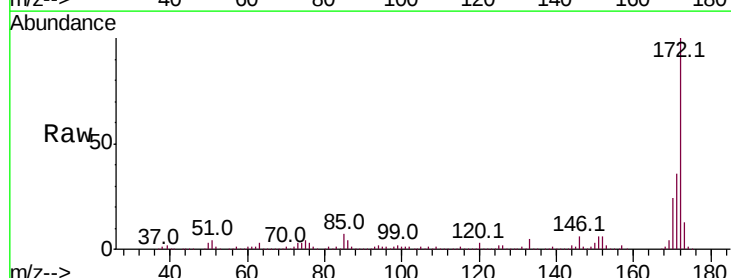
Tgt Ion:172 Resp: 1570659

Ion Ratio Lower Upper

172 100

171 36.2 30.7 46.1

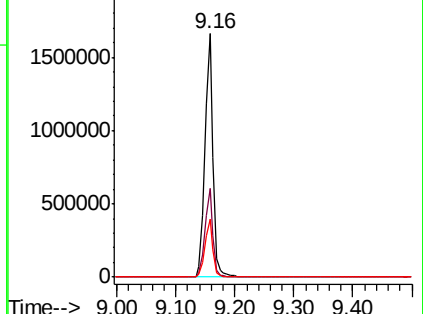
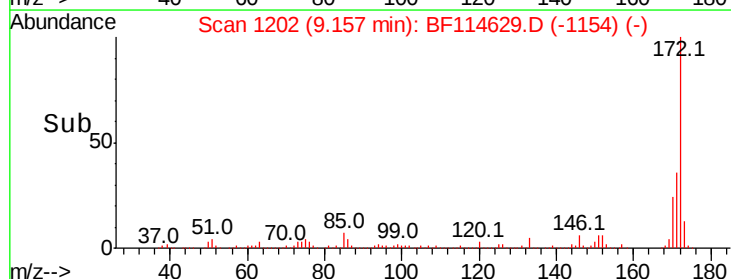
170 23.8 20.5 30.7

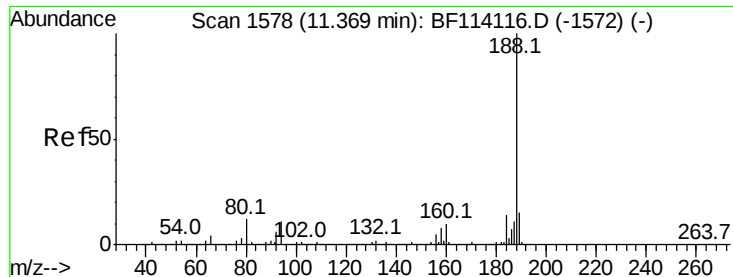


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

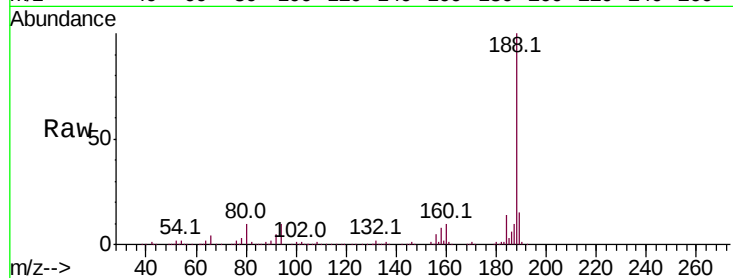
Tot Ion:188 Resp: 586237

Ion Ratio Lower Upper

188 100

94 9.9 8.4 12.6

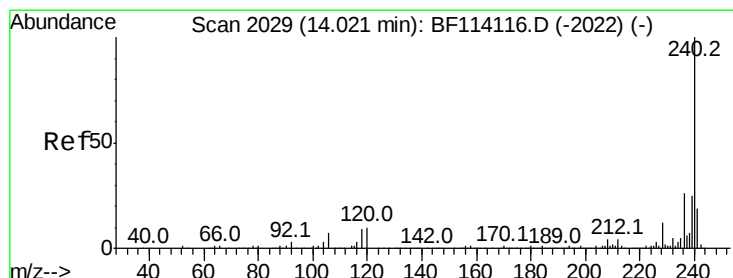
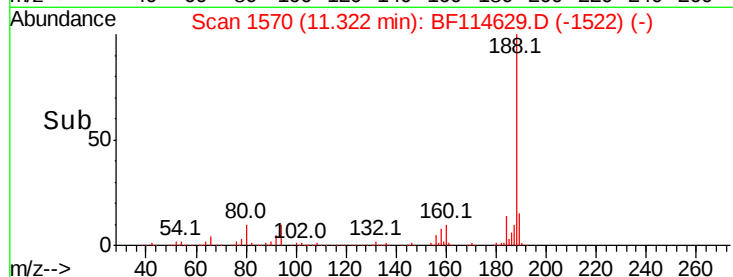
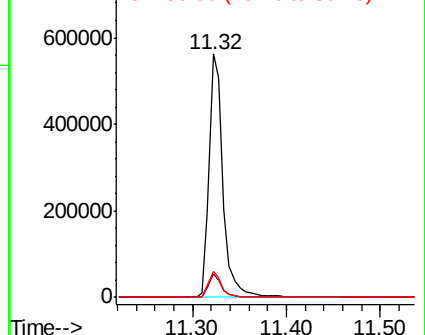
80 10.5 9.2 13.8



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: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

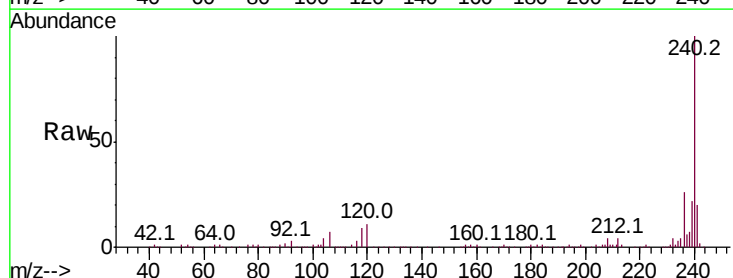
Tgt Ion:240 Resp: 432635

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

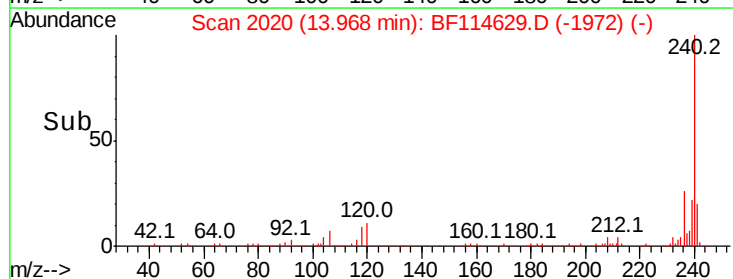
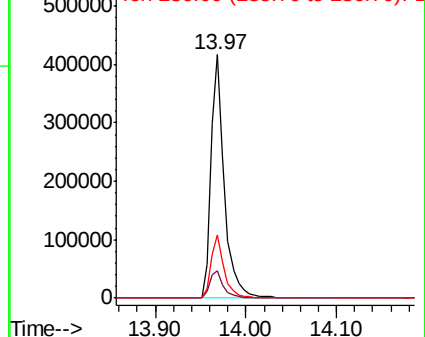
236 26.1 20.8 31.2

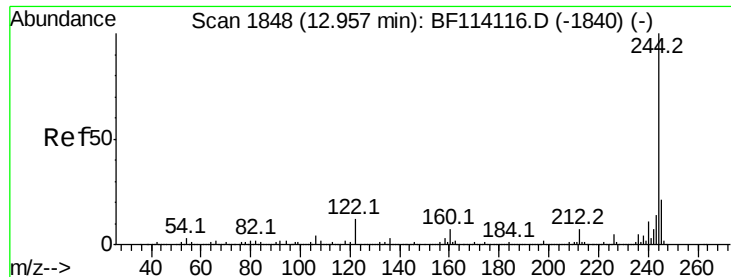


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 73.713 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

Instrument :

BNA_F

ClientSampleId :

PB120077BL

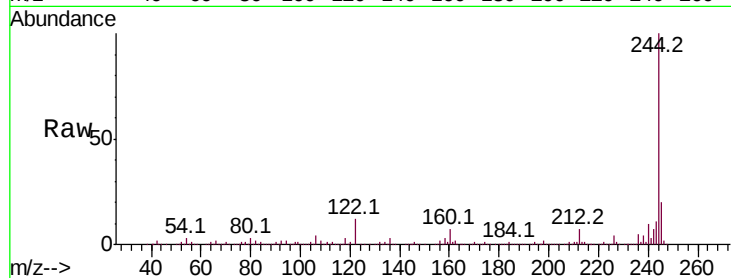
Tot Ion:244 Resp: 1547031

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

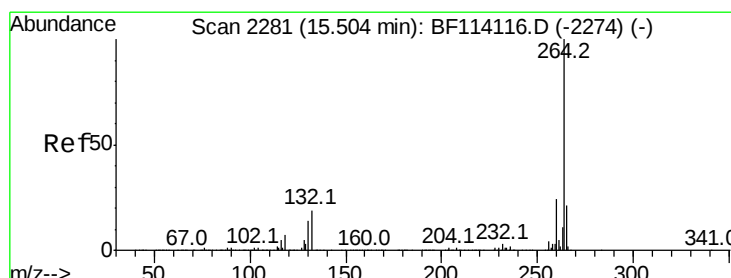
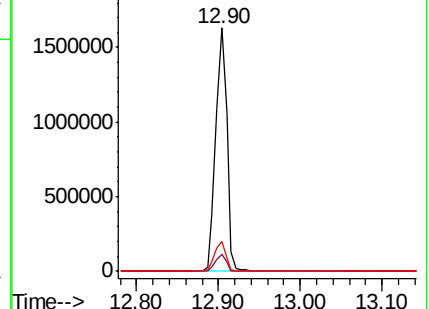
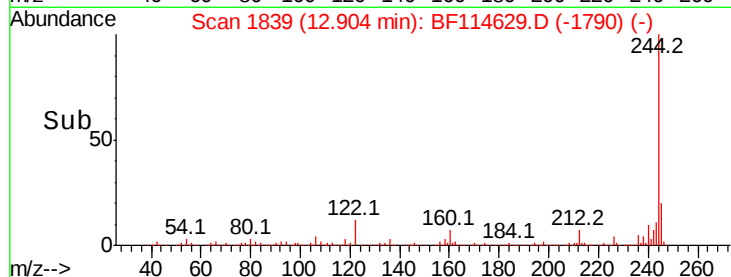
122 12.3 9.4 14.2



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: 15.43 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF114629.D

Acq: 26 May 2019 4:06

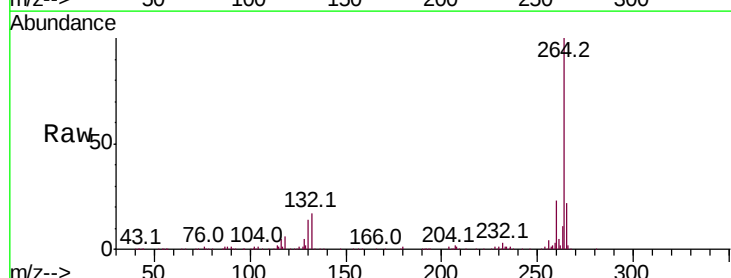
Tgt Ion:264 Resp: 413115

Ion Ratio Lower Upper

264 100

260 23.1 19.4 29.0

265 22.4 16.9 25.3



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

