

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114616.D
 Acq On : 25 May 2019 20:42
 Operator : JU/SJ
 Sample : PB119956BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BL

Quant Time: May 27 01:03:43 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	167435	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	639524	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	304877	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	615760	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	456938	20.00	ng	-0.02
87) Perylene-d12	15.43	264	440927	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1180309	113.44	ng	0.00
7) Phenol-d6	6.45	99	1522080	123.69	ng	-0.01
23) Nitrobenzene-d5	7.36	82	928074	81.44	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	353541	112.17	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1683270	83.52	ng	-0.02
79) Terphenyl-d14	12.90	244	1661630	74.96	ng	-0.01

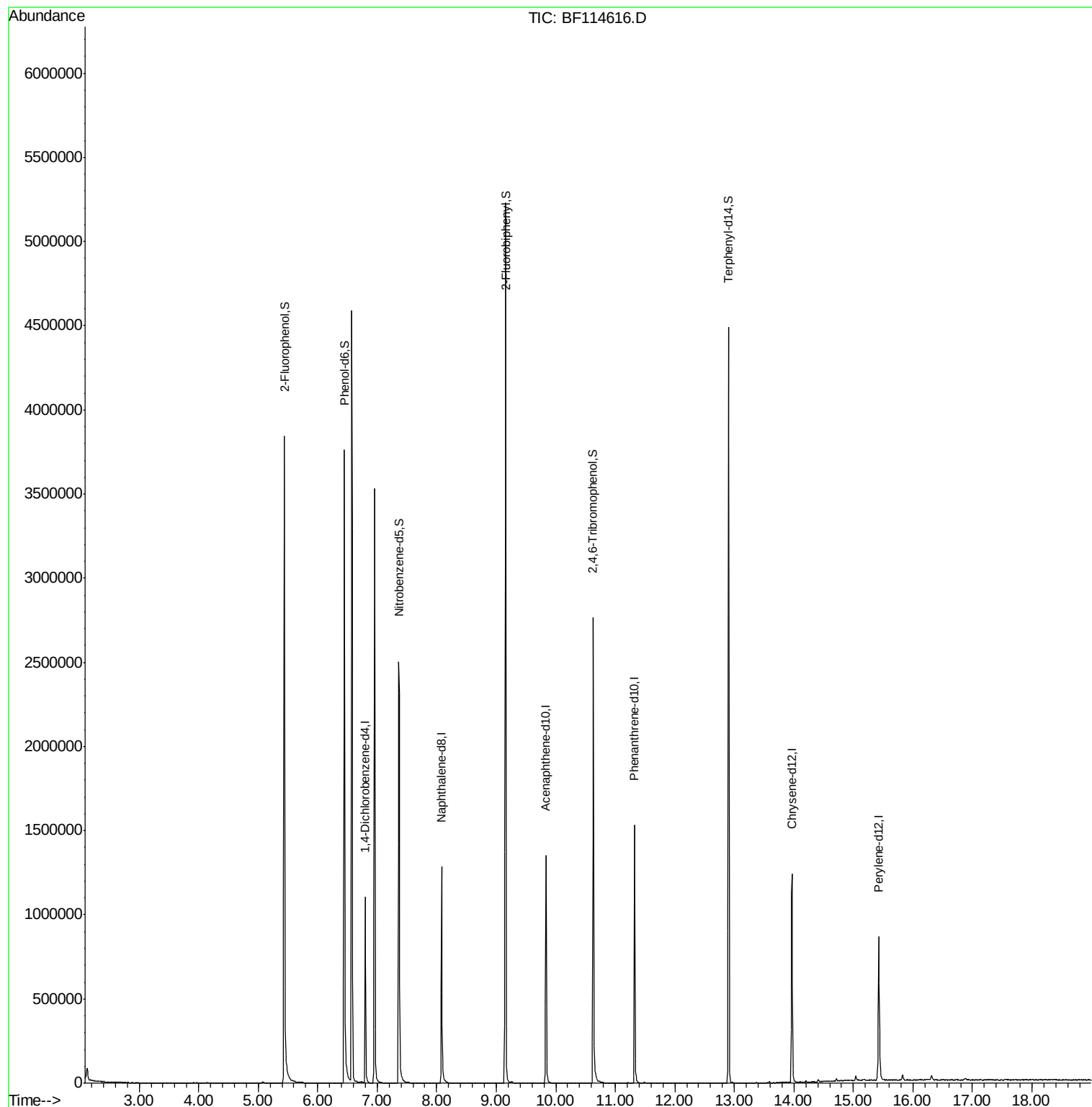
Target Compounds Qvalue

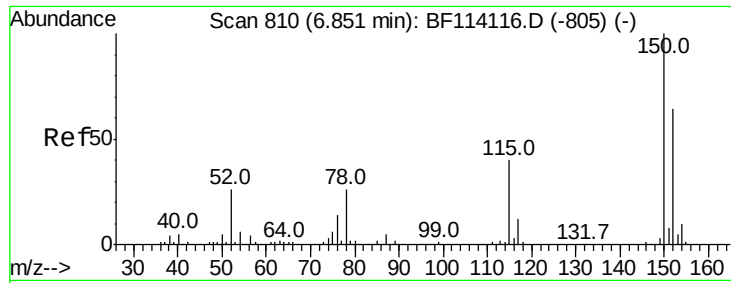
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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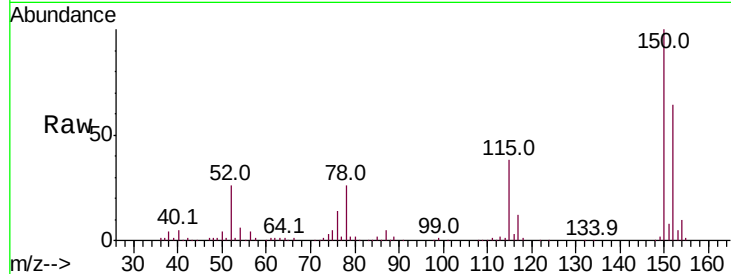


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 PB119956BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.3	186.5
115	60.4	49.1	73.7

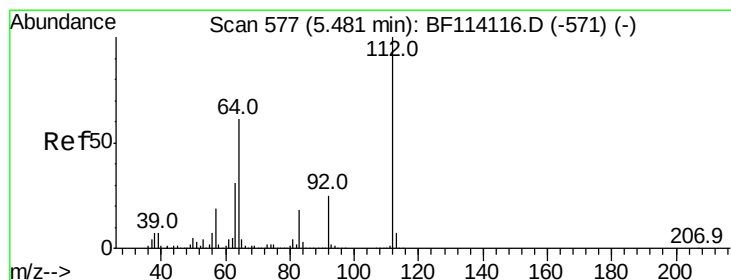
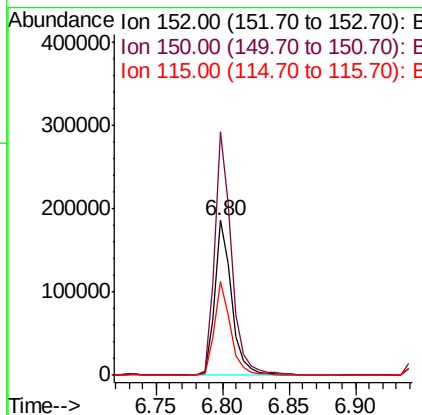
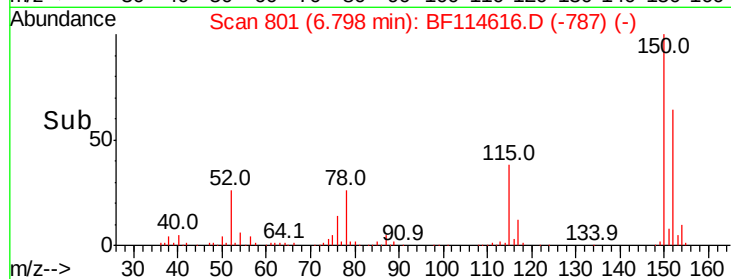


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

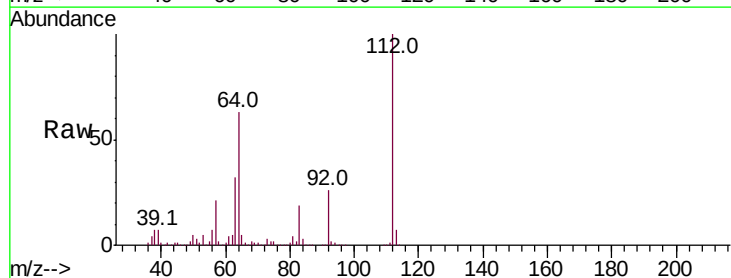
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 113.443 ng
 RT: 5.44 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.0	73.6
63	31.9	24.6	37.0

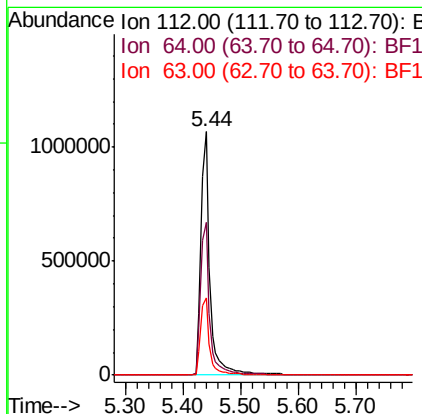
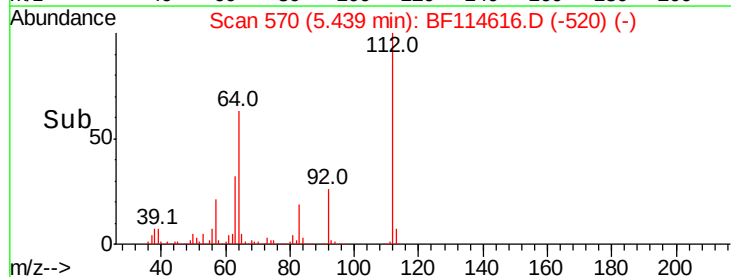


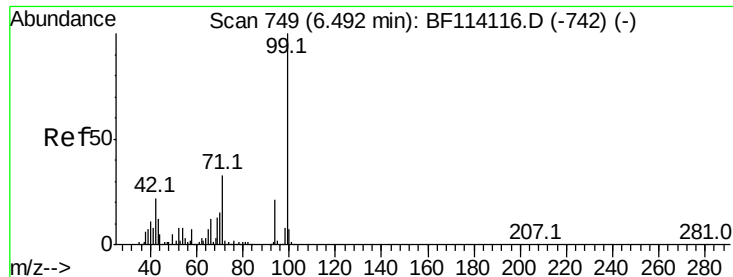
Abundance

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: 123.689 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

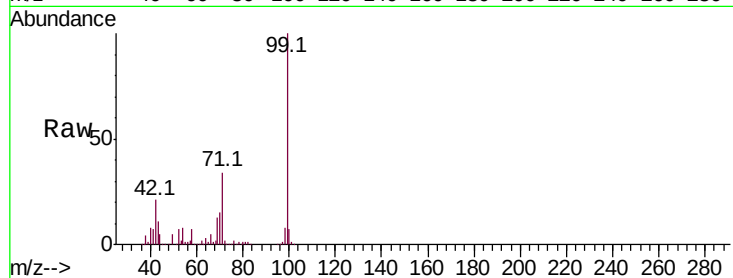
BNA_F

ClientSampleId :

PB119956BL

Tot Ion: 99 Resp: 1522080

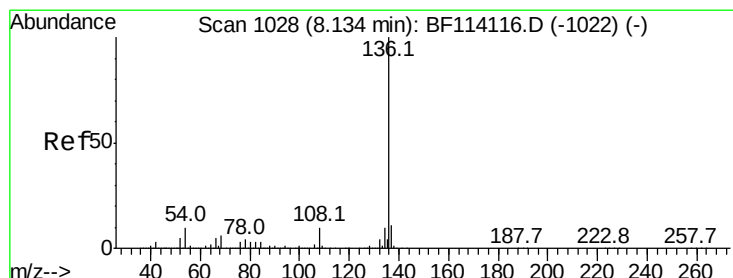
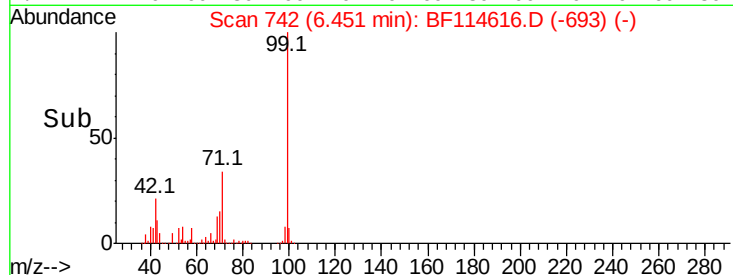
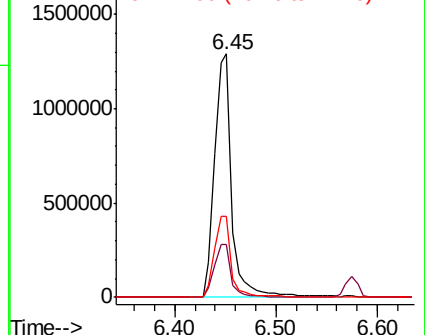
Ion	Ratio	Lower	Upper
99	100		
42	21.5	17.9	26.9
71	33.5	26.2	39.2



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: BF114616.D

Acq: 25 May 2019 20:42

Tgt Ion: 136 Resp: 639524

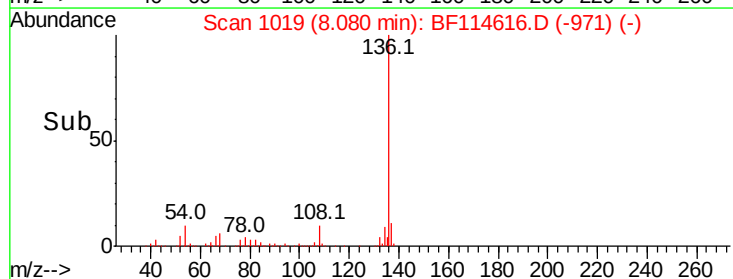
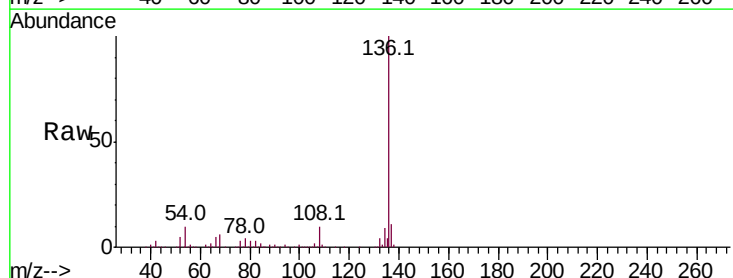
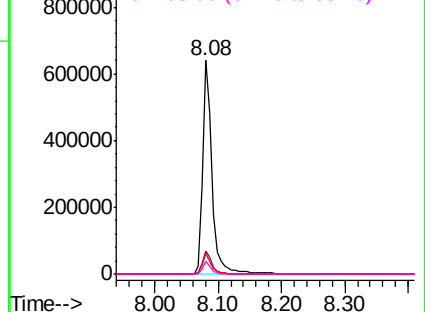
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	7.8	11.8
68	6.0	5.1	7.7

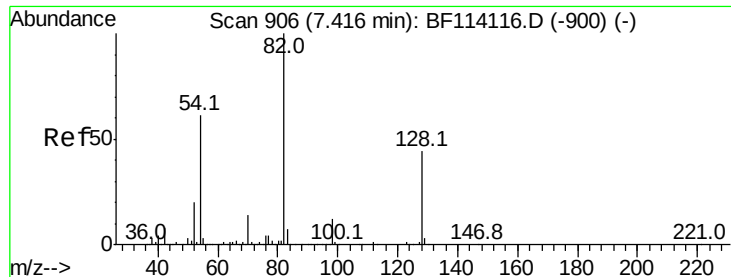
Abundance Ion 136.00 (135.70 to 136.70): E

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

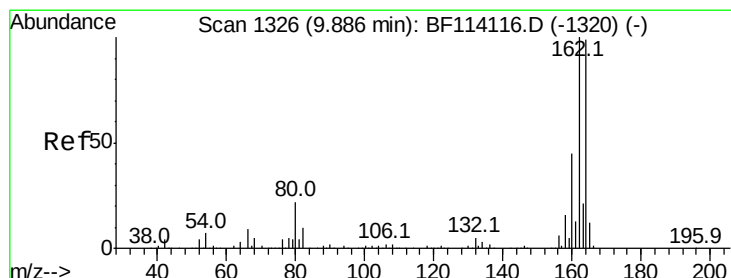
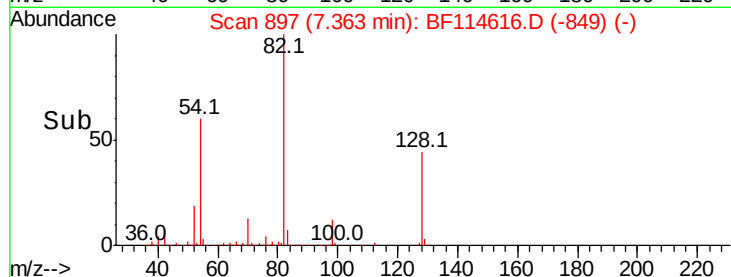
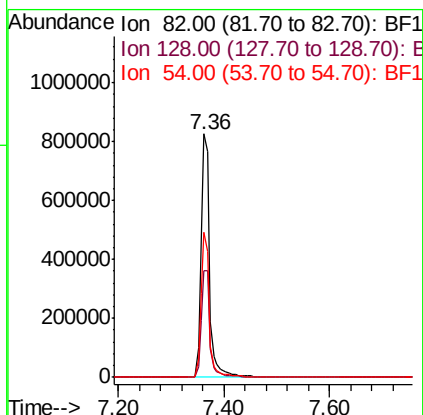
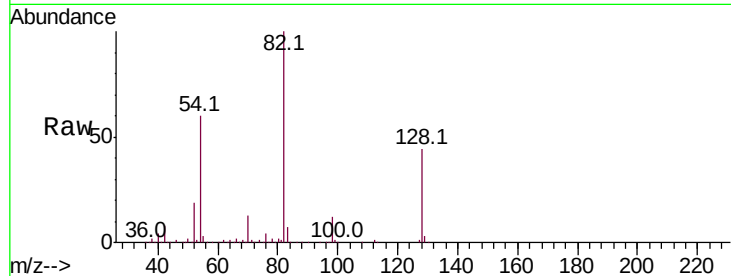




#23
 Nitrobenzene-d5
 Concen: 81.441 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.02 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

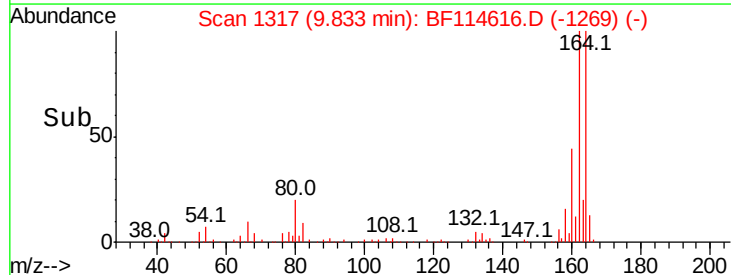
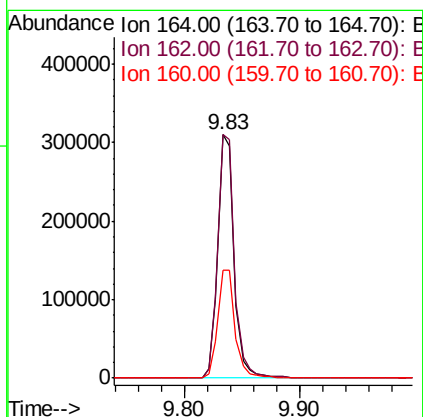
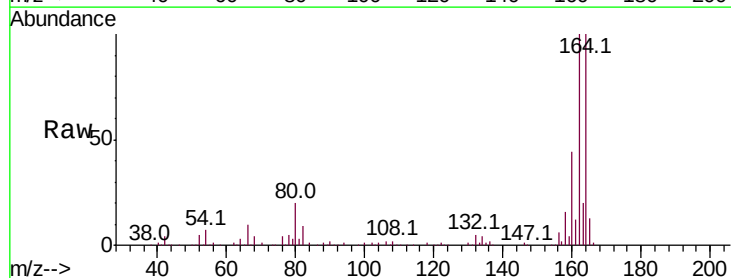
Instrument :
 BNA_F
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 PB119956BL

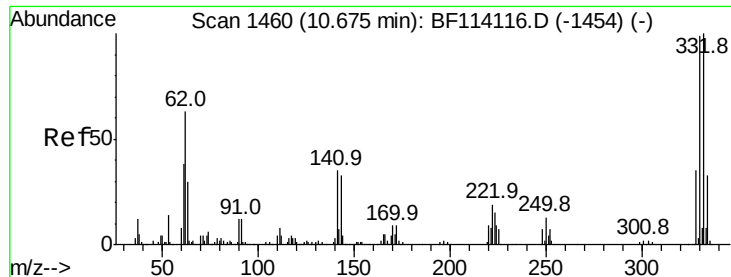
Tot Ion: 82 Resp: 928074
 Ion Ratio Lower Upper
 82 100
 128 43.7 35.5 53.3
 54 59.8 48.5 72.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BF114616.D
 Acq: 25 May 2019 20:42

Tgt Ion:164 Resp: 304877
 Ion Ratio Lower Upper
 164 100
 162 100.0 80.6 120.8
 160 44.5 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 112.167 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

BNA_F

ClientSampleId :

PB119956BL

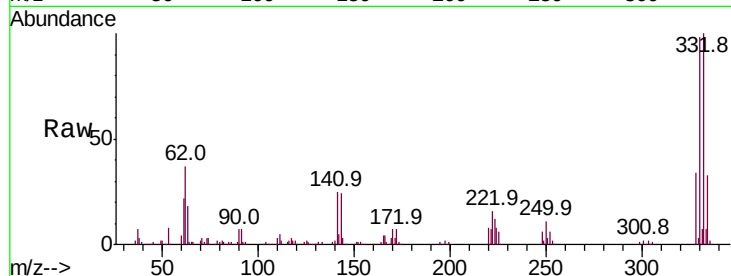
Tot Ion:330 Resp: 353541

Ion Ratio Lower Upper

330 100

332 103.4 81.4 122.2

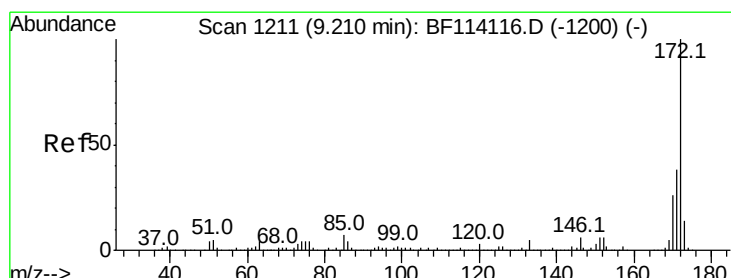
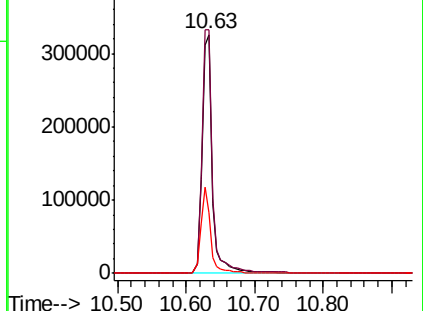
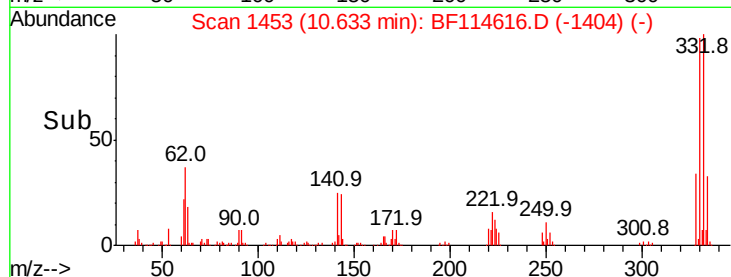
141 33.9 26.6 40.0



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: 83.516 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

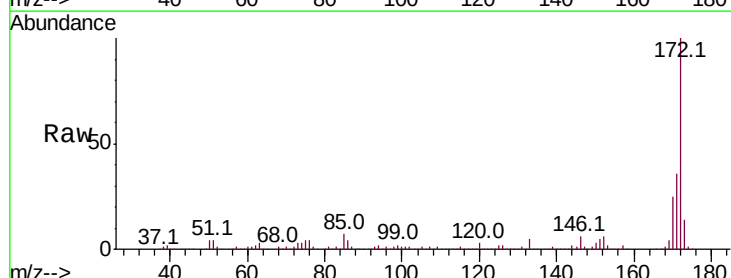
Tgt Ion:172 Resp: 1683270

Ion Ratio Lower Upper

172 100

171 36.1 30.7 46.1

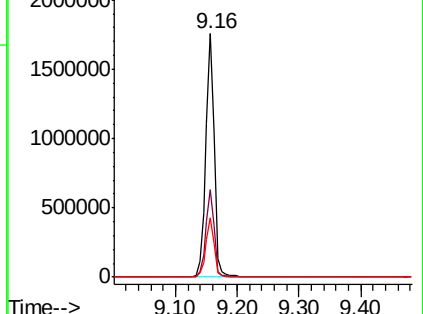
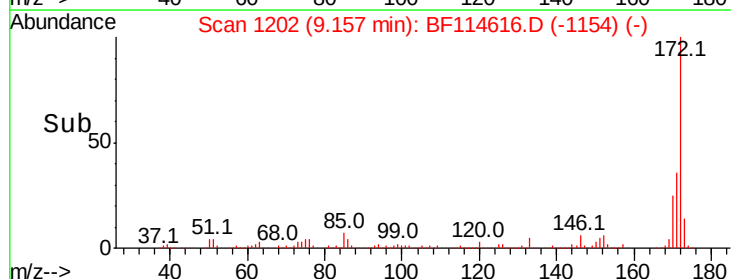
170 24.5 20.5 30.7

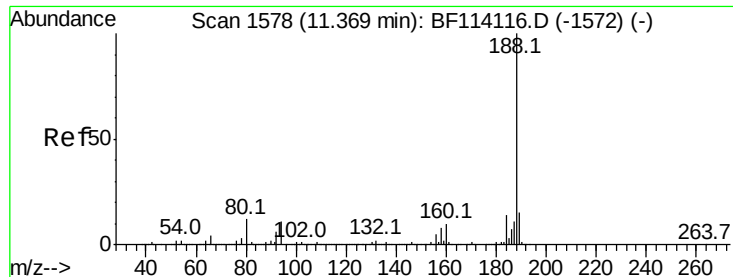


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

BNA_F

ClientSampleId :

PB119956BL

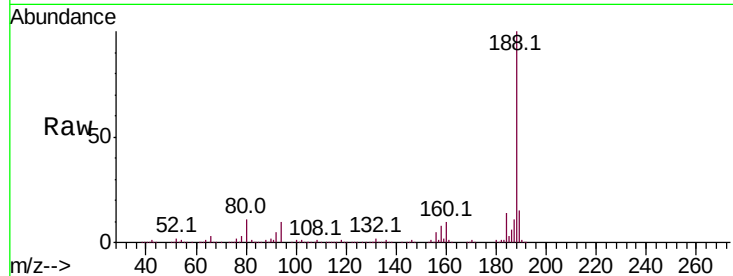
Tot Ion:188 Resp: 615760

Ion Ratio Lower Upper

188 100

94 10.1 8.4 12.6

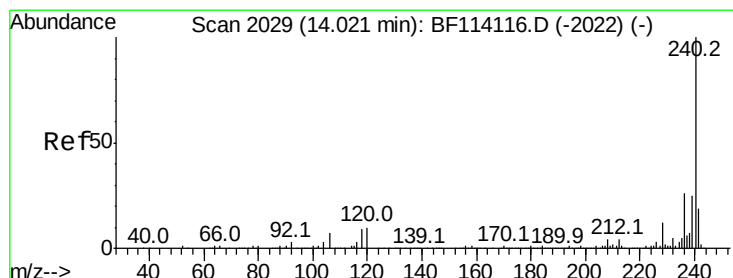
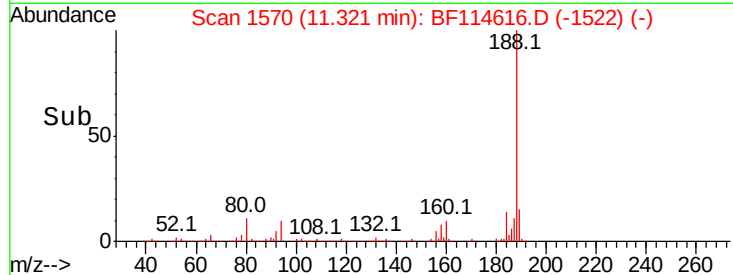
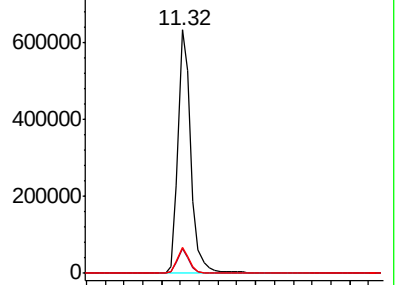
80 10.8 9.2 13.8



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: BF114616.D

Acq: 25 May 2019 20:42

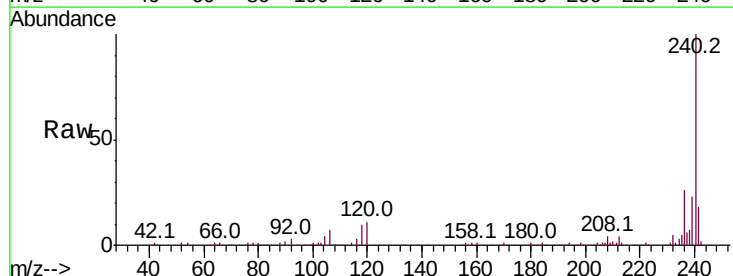
Tgt Ion:240 Resp: 456938

Ion Ratio Lower Upper

240 100

120 10.8 8.3 12.5

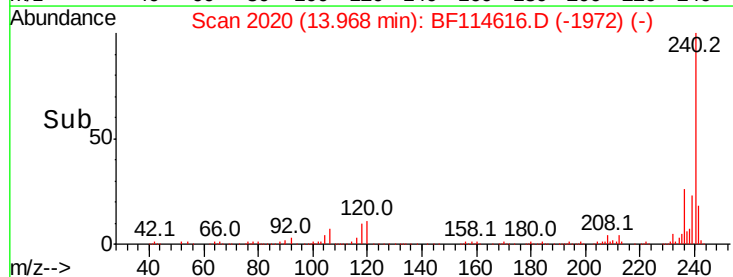
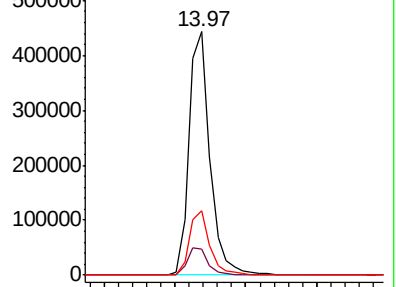
236 26.2 20.8 31.2

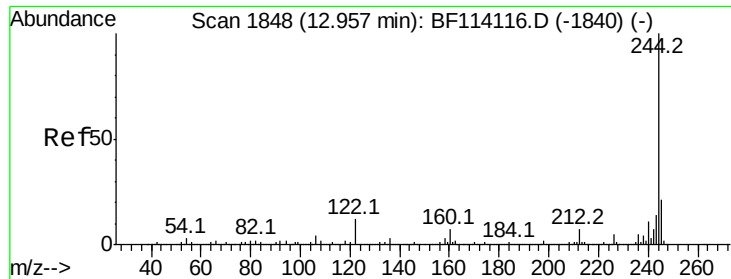


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 74.963 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114616.D

Acq: 25 May 2019 20:42

Instrument :

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PB119956BL

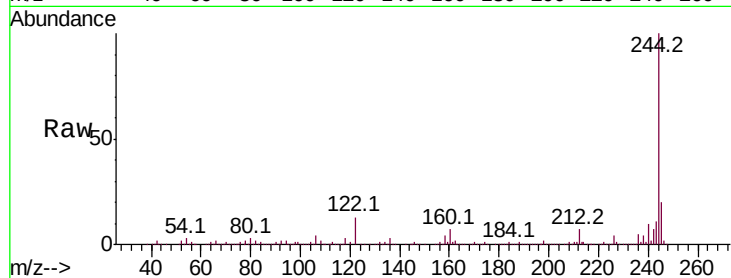
Tot Ion:244 Resp: 1661630

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

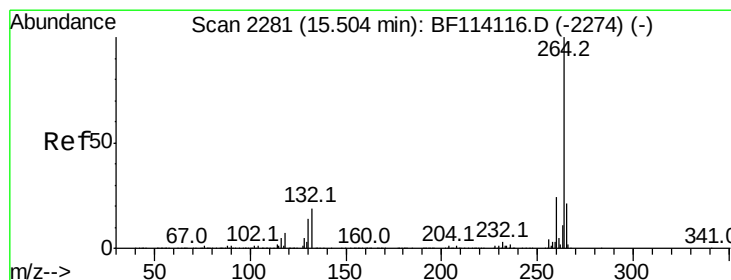
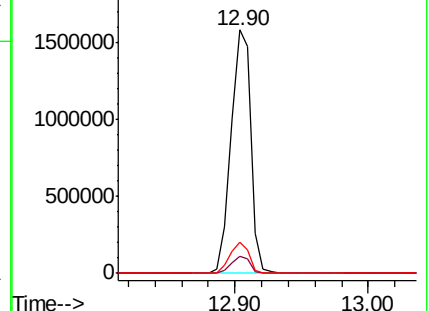
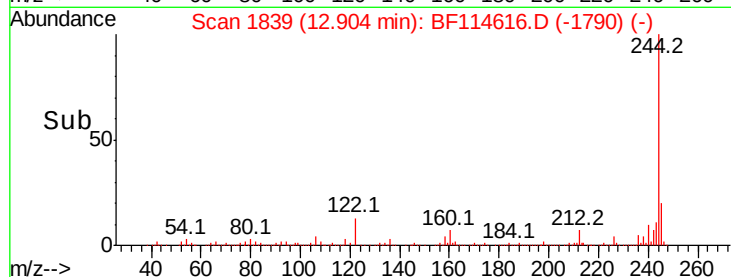
122 13.0 9.4 14.2



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: BF114616.D

Acq: 25 May 2019 20:42

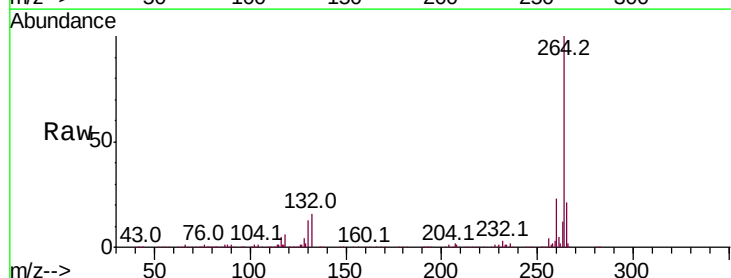
Tgt Ion:264 Resp: 440927

Ion Ratio Lower Upper

264 100

260 22.8 19.4 29.0

265 20.9 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

