

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114627.D
 Acq On : 26 May 2019 3:14
 Operator : JU/SJ
 Sample : PB120038BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120038BL

Quant Time: May 27 01:32:54 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	169725	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	648702	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	307075	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	625470	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	460036	20.00	ng	-0.02
87) Perylene-d12	15.43	264	432325	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1114430	105.67	ng	0.00
7) Phenol-d6	6.45	99	1470890	117.92	ng	-0.02
23) Nitrobenzene-d5	7.36	82	879100	76.05	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	330207	104.01	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	1599329	78.78	ng	-0.02
79) Terphenyl-d14	12.90	244	1602813	71.82	ng	-0.01

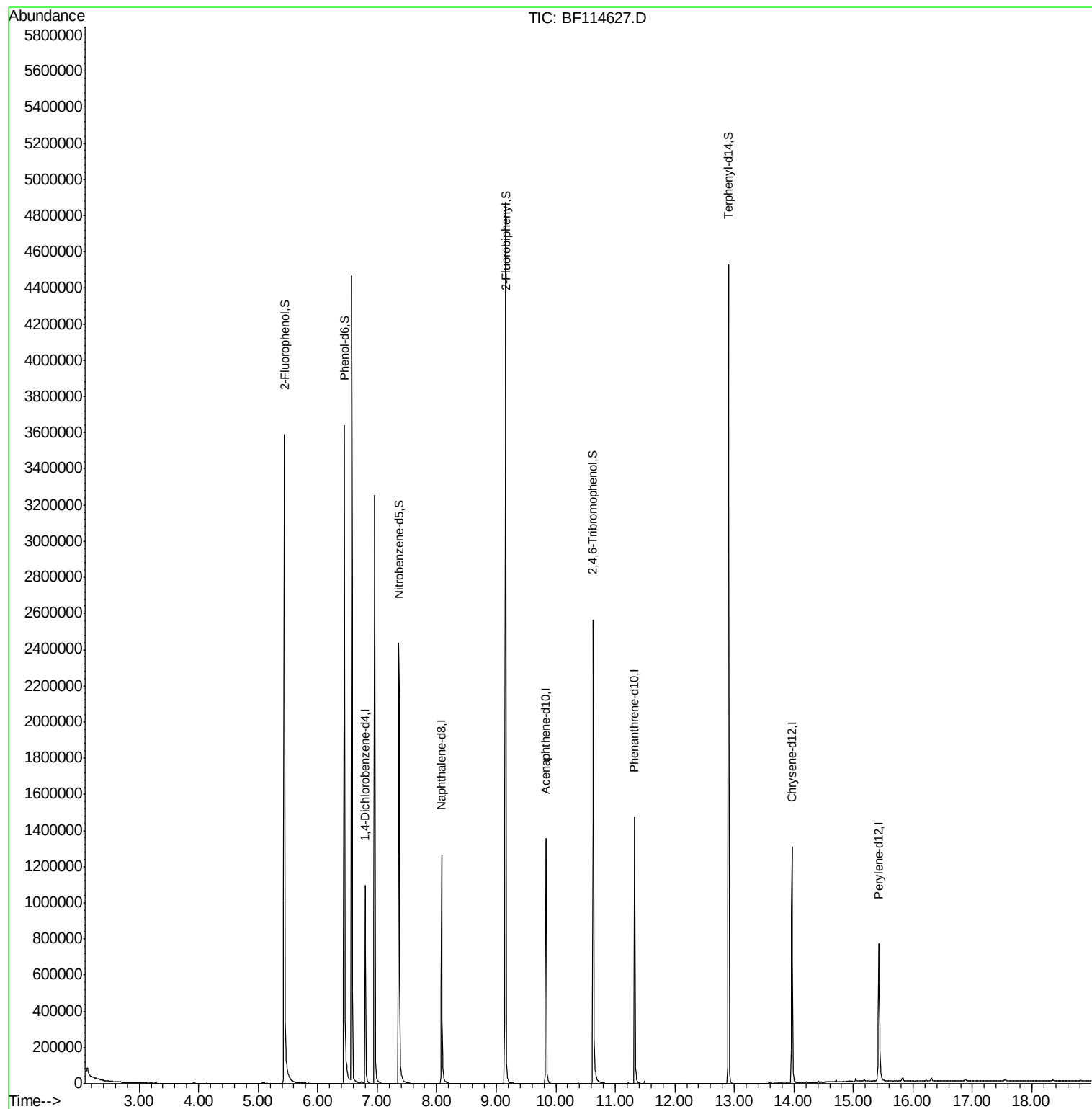
Target Compounds Qvalue

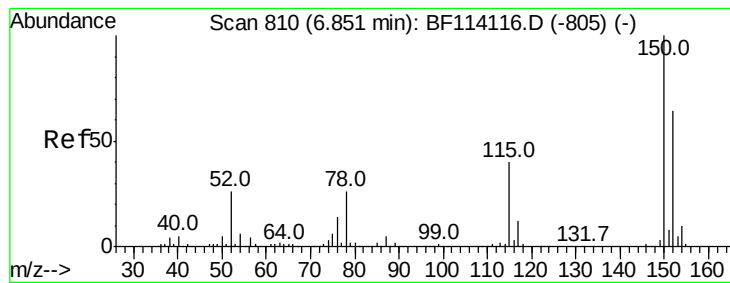
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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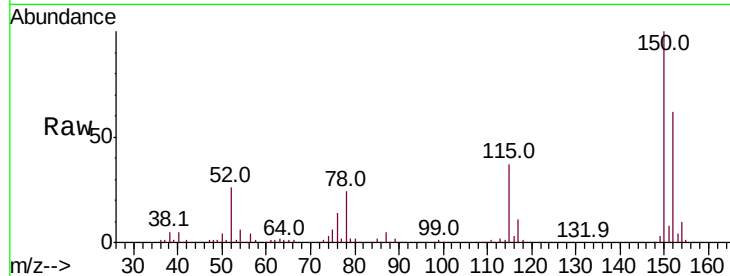


#1

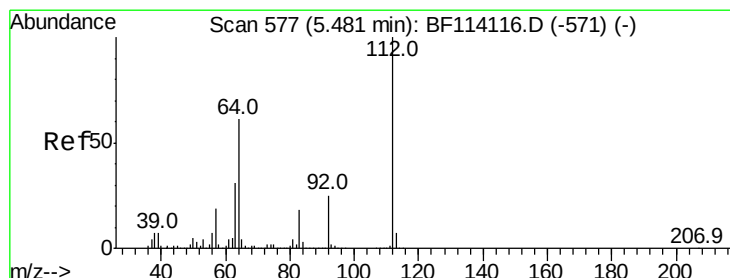
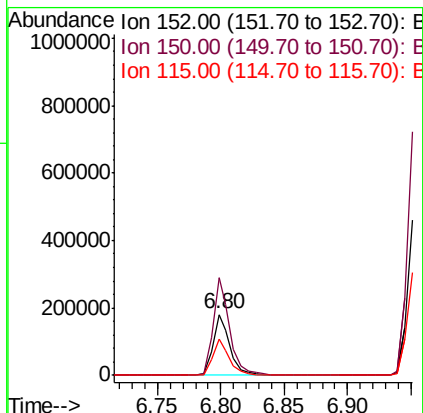
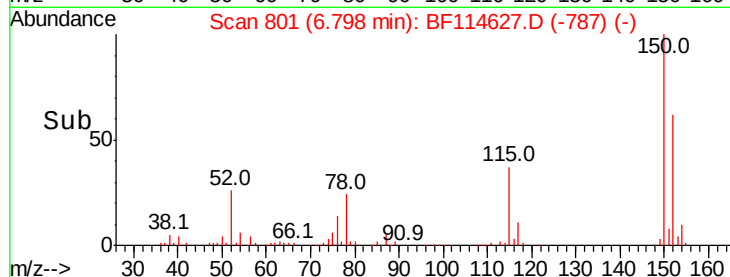
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Instrument :
BNA_F
ClientSampleId :
PB120038BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.8	124.3	186.5
115	60.2	49.1	73.7



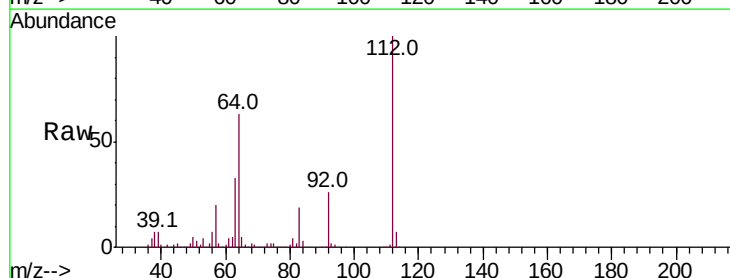
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



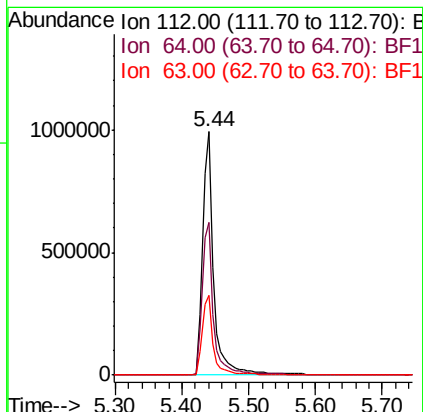
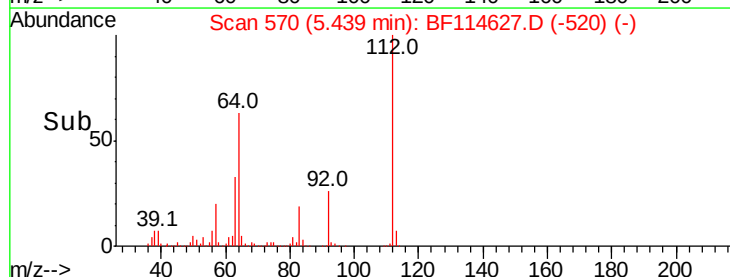
#5

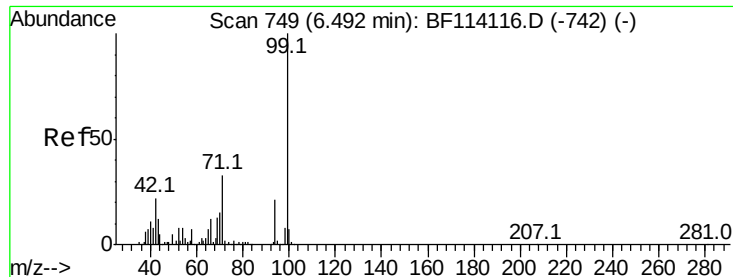
2-Fluorophenol
Concen: 105.666 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.9	49.0	73.6
63	32.8	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: 117.917 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

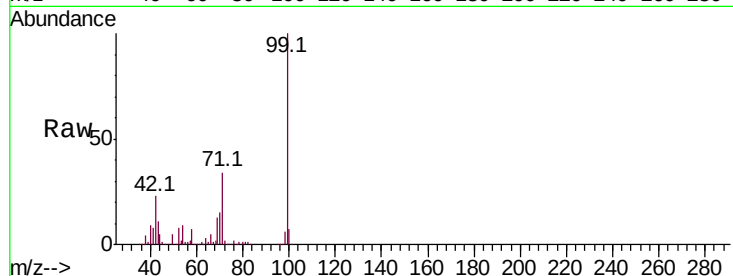
Tot Ion: 99 Resp: 1470890

Ion Ratio Lower Upper

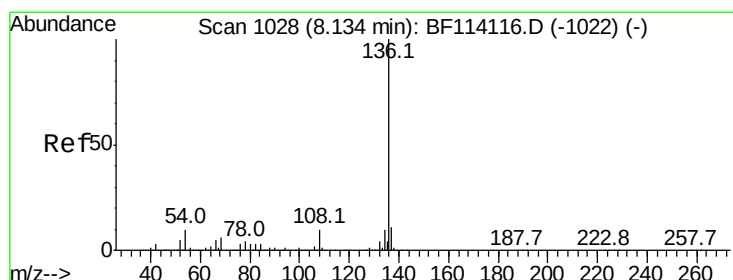
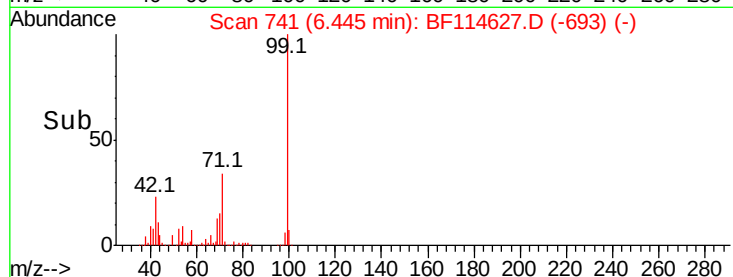
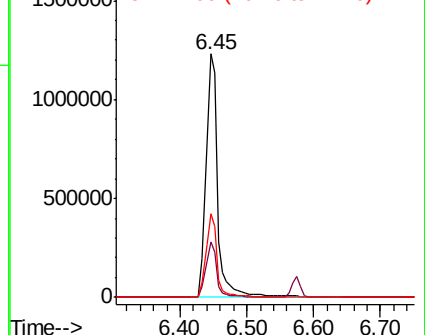
99 100

42 22.9 17.9 26.9

71 34.4 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: BF114627.D

Acq: 26 May 2019 3:14

Tgt Ion: 136 Resp: 648702

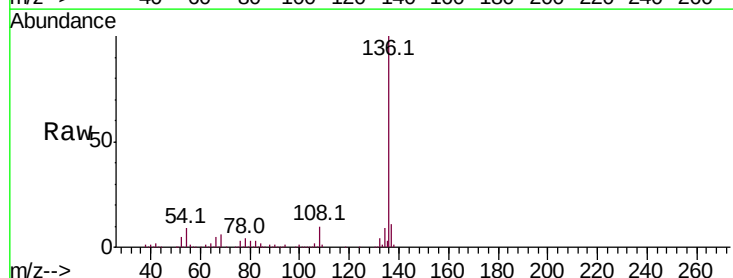
Ion Ratio Lower Upper

136 100

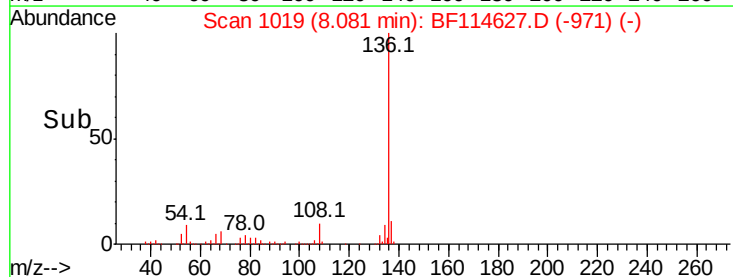
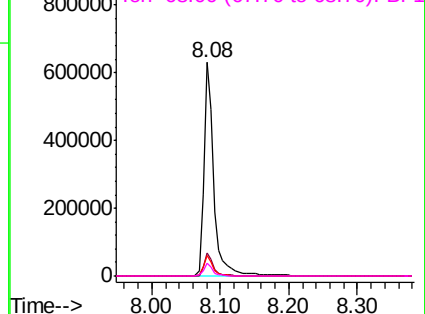
137 11.1 8.8 13.2

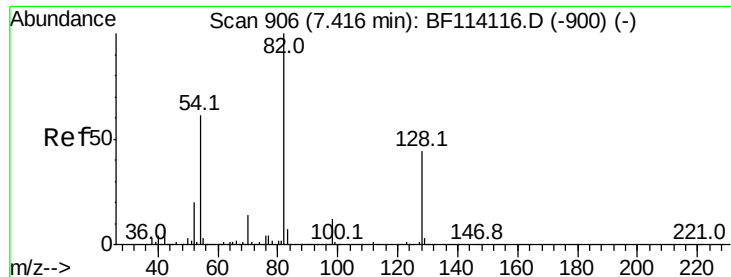
54 9.4 7.8 11.8

68 5.8 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

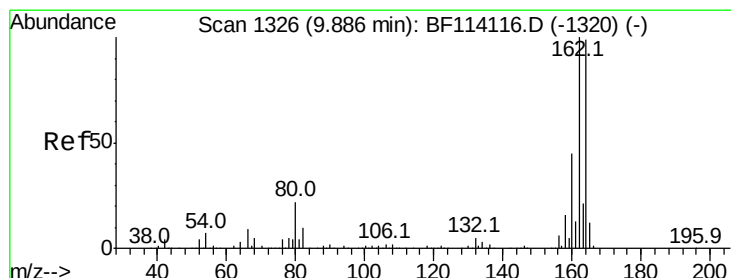
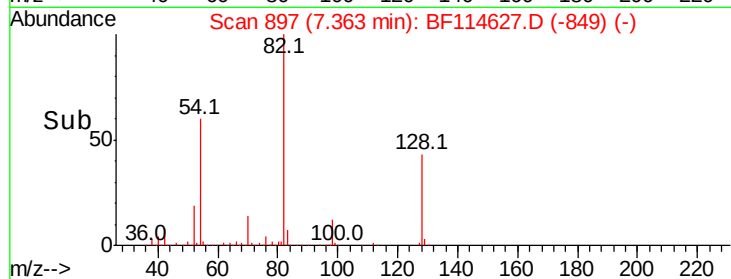
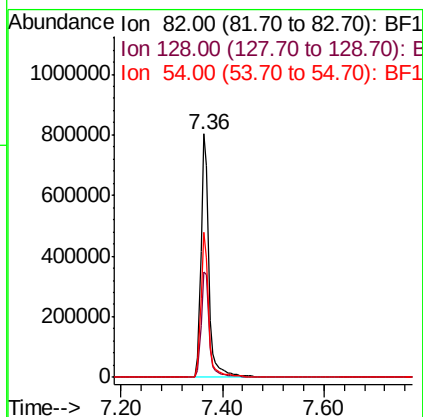
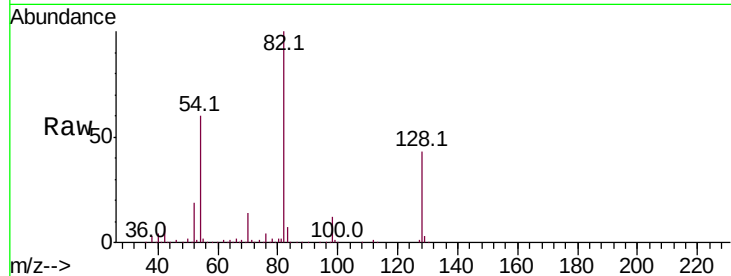




#23
Nitrobenzene-d5
Concen: 76.052 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

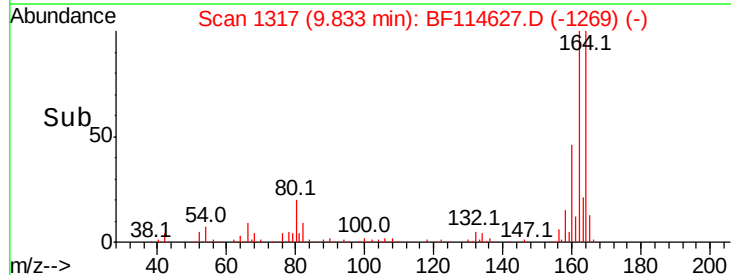
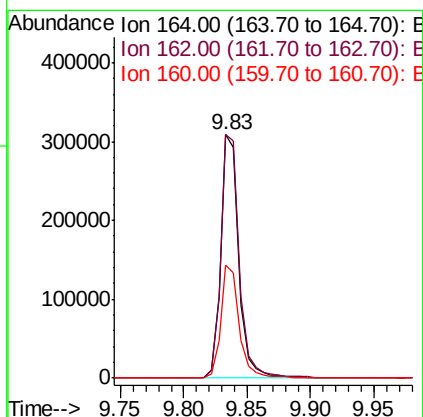
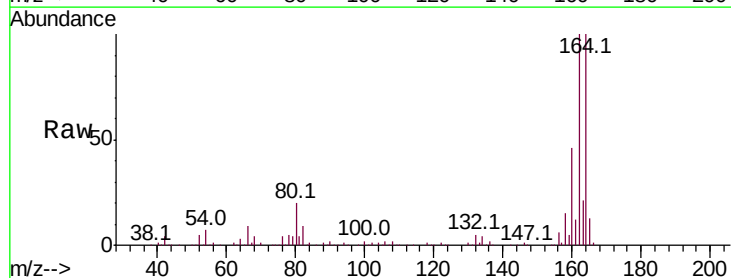
Instrument :
BNA_F
ClientSampleId :
PB120038BL

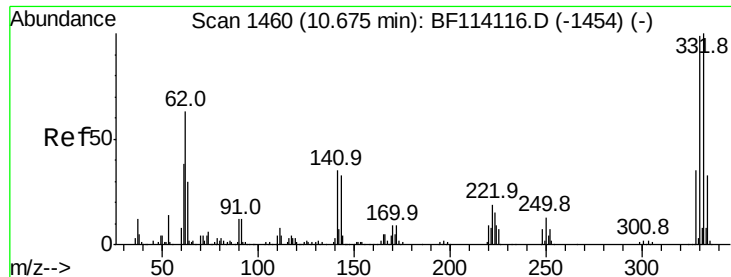
Tot Ion: 82 Resp: 879100
Ion Ratio Lower Upper
82 100
128 43.4 35.5 53.3
54 59.6 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114627.D
Acq: 26 May 2019 3:14

Tgt Ion: 164 Resp: 307075
Ion Ratio Lower Upper
164 100
162 100.2 80.6 120.8
160 46.3 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 104.014 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

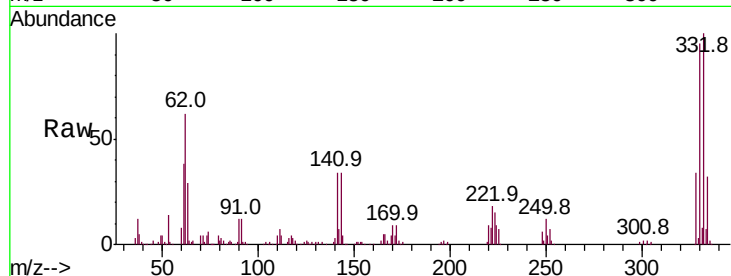
Tot Ion:330 Resp: 330207

Ion Ratio Lower Upper

330 100

332 103.1 81.4 122.2

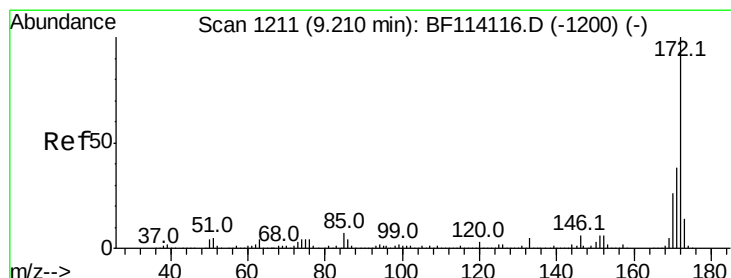
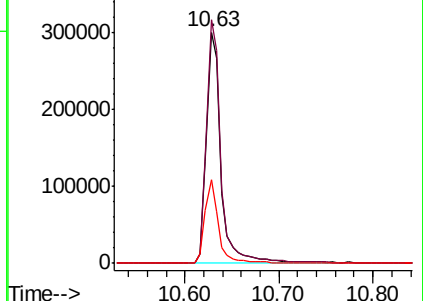
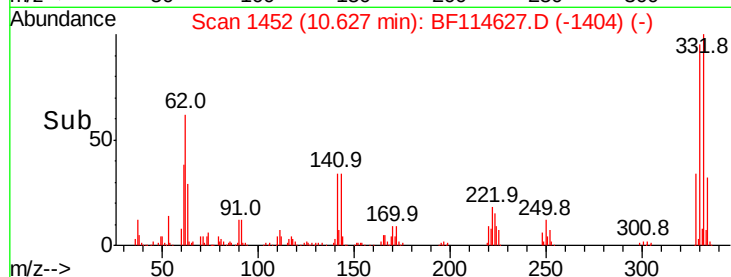
141 33.1 26.6 40.0



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: 78.784 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

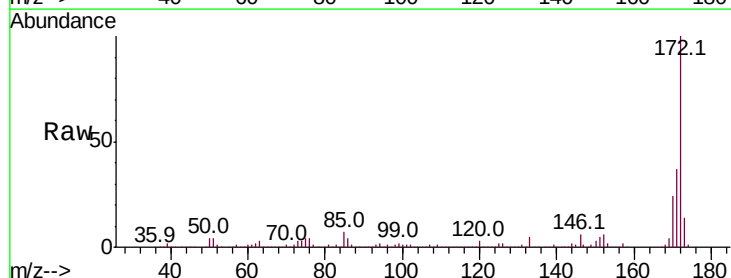
Tgt Ion:172 Resp: 1599329

Ion Ratio Lower Upper

172 100

171 36.5 30.7 46.1

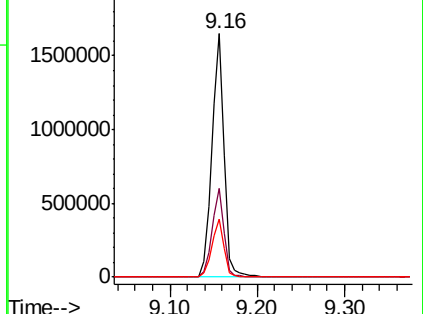
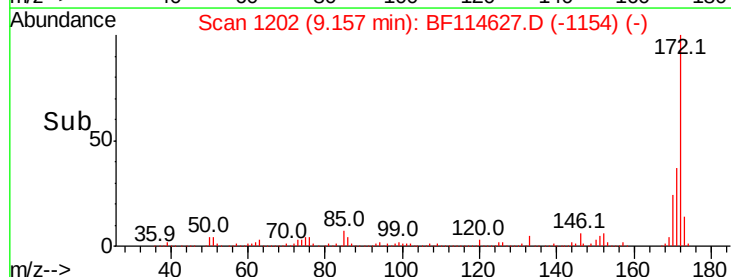
170 24.0 20.5 30.7

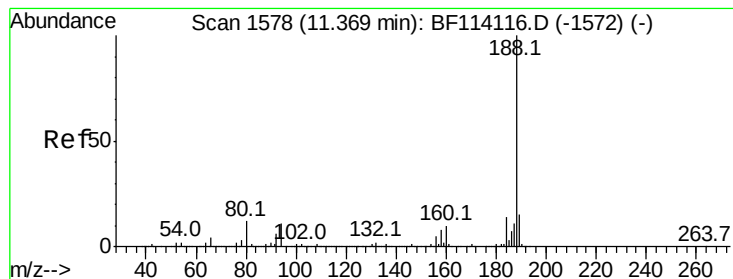


Abundance Ion 172.00 (171.70 to 172.70): E

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: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

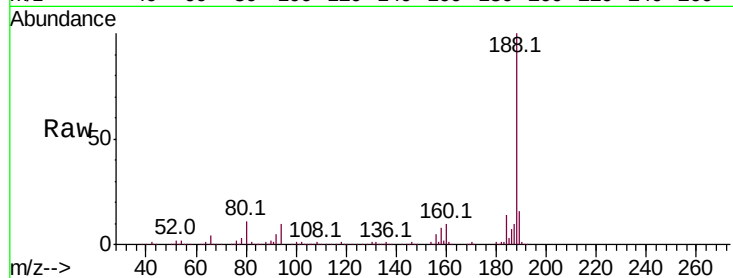
Tot Ion:188 Resp: 625470

Ion Ratio Lower Upper

188 100

94 10.4 8.4 12.6

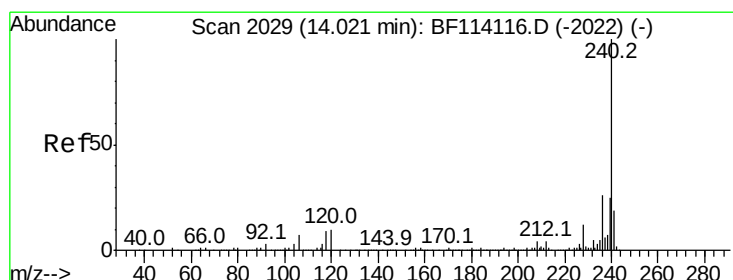
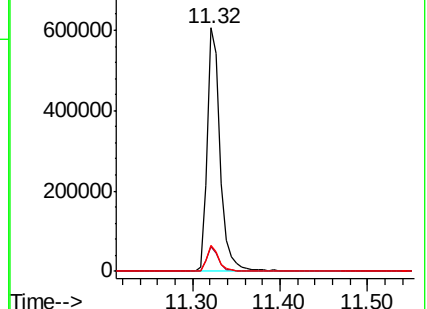
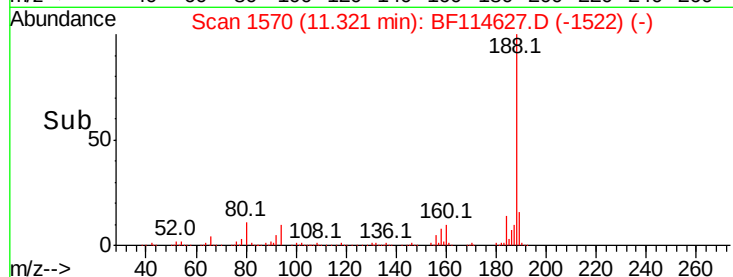
80 10.7 9.2 13.8



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: BF114627.D

Acq: 26 May 2019 3:14

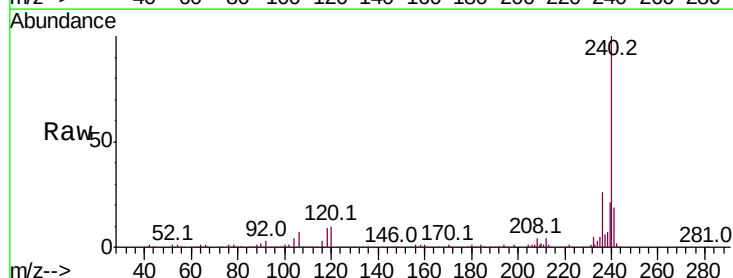
Tgt Ion:240 Resp: 460036

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

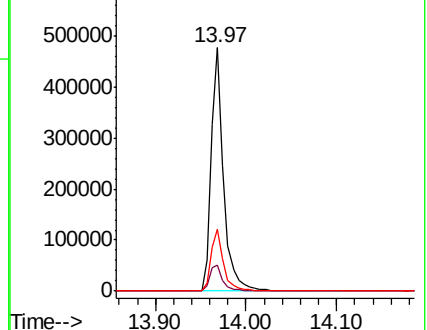
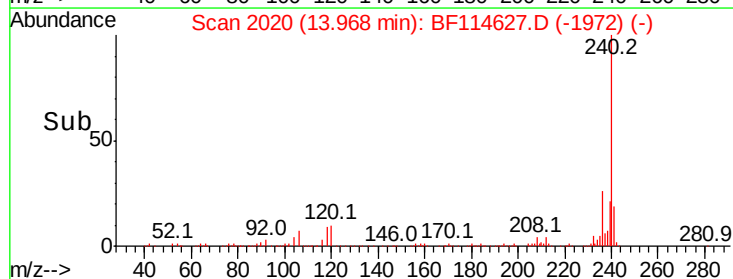
236 25.6 20.8 31.2

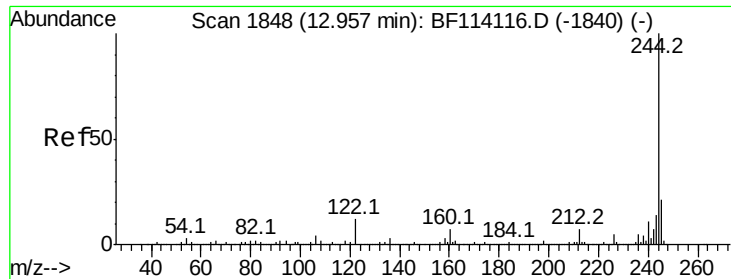


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 71.822 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF114627.D

Acq: 26 May 2019 3:14

Instrument :

BNA_F

ClientSampleId :

PB120038BL

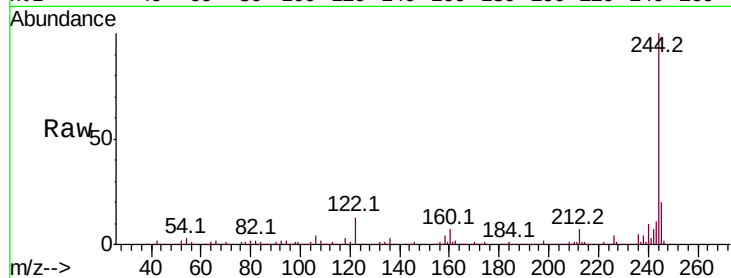
Tot Ion:244 Resp: 1602813

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

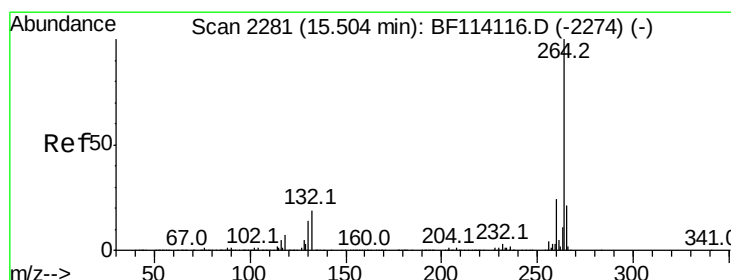
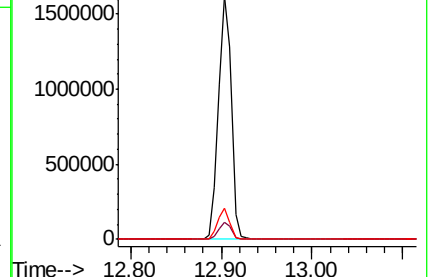
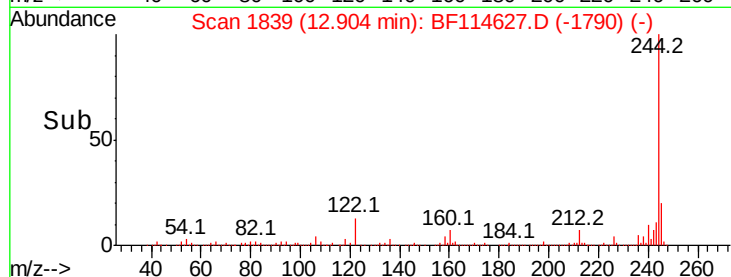
122 12.9 9.4 14.2



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: BF114627.D

Acq: 26 May 2019 3:14

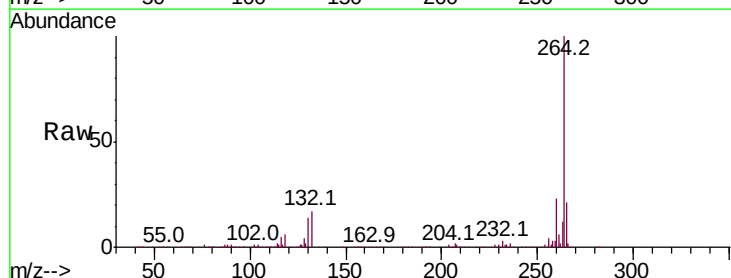
Tgt Ion:264 Resp: 432325

Ion Ratio Lower Upper

264 100

260 23.0 19.4 29.0

265 21.2 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

