

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052519\
 Data File : BF114607.D
 Acq On : 25 May 2019 16:46
 Operator : JU/SJ
 Sample : PB119807BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BL

Quant Time: May 27 00:39:24 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	191588	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	730970	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	360251	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	735022	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	538866	20.00	ng	-0.02
87) Perylene-d12	15.42	264	538378	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1251470	105.12	ng	0.00
7) Phenol-d6	6.45	99	1624422	115.36	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1005280	77.18	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	414051	111.17	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1843027	77.39	ng	-0.02
79) Terphenyl-d14	12.91	244	1877080	71.81	ng	0.00

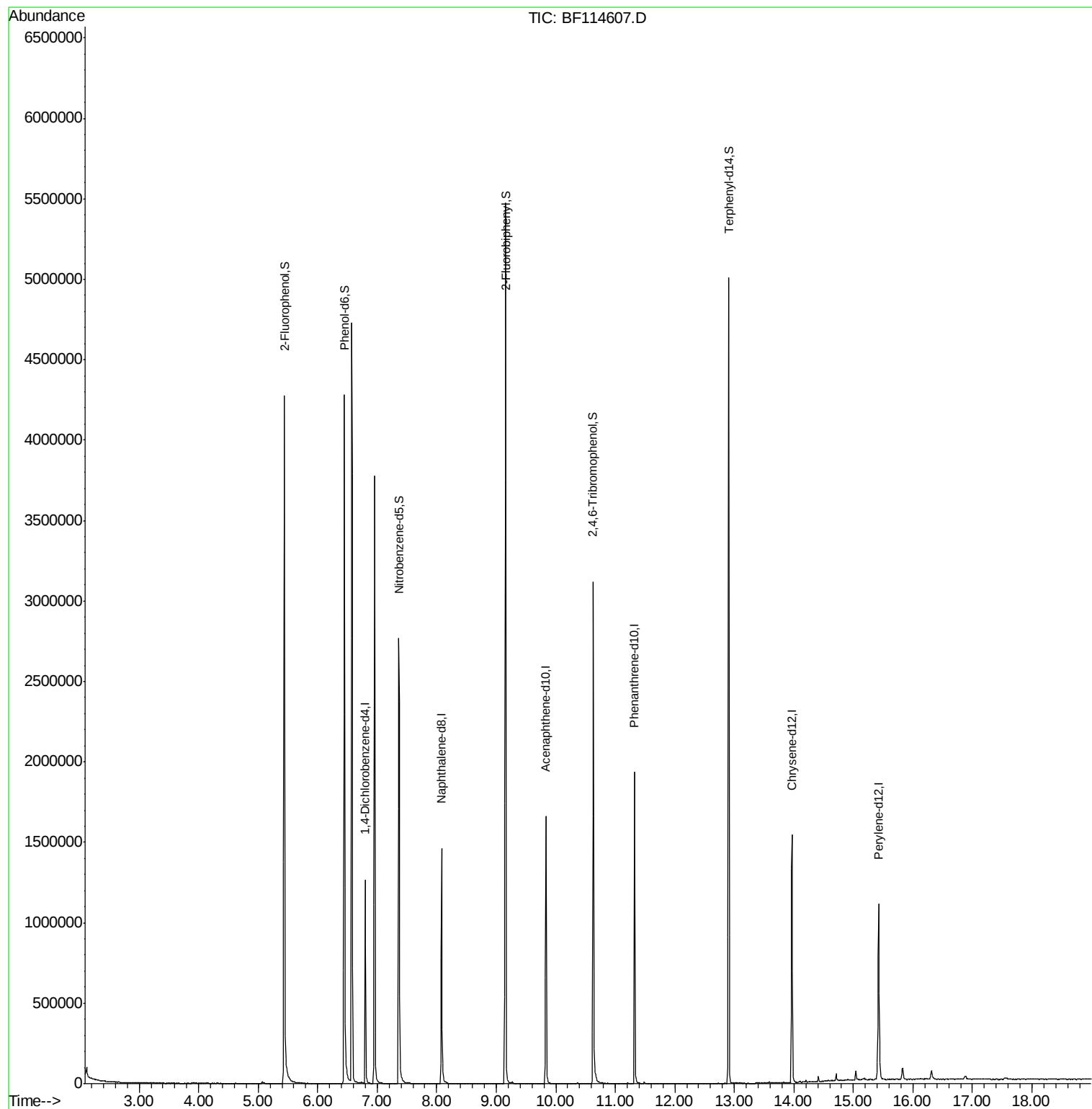
Target Compounds Qvalue

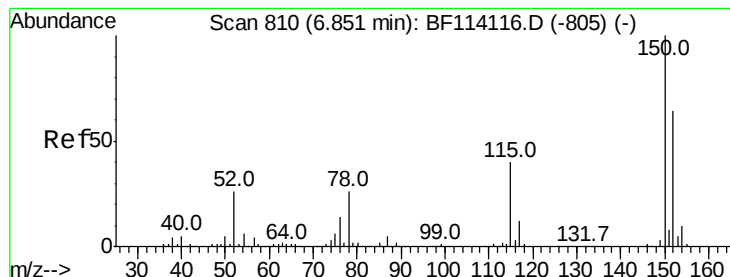
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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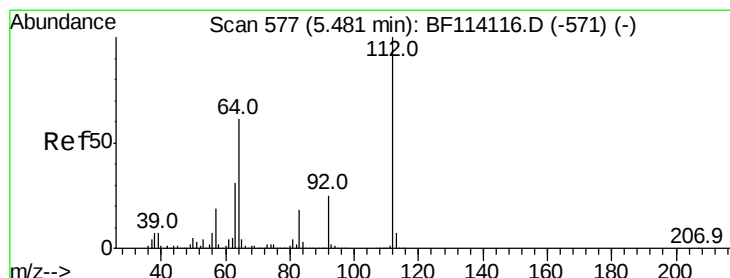
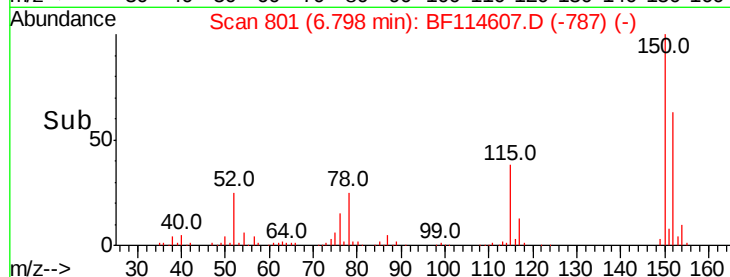
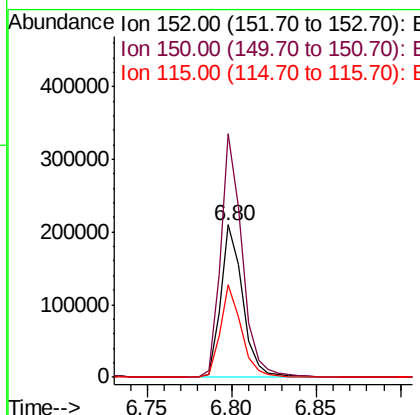
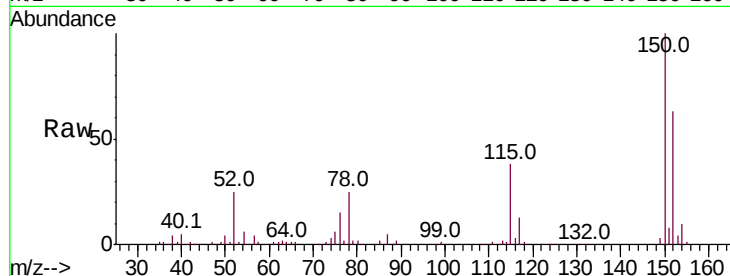


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Instrument :
BNA_F
ClientSampleId :
PB119807BL

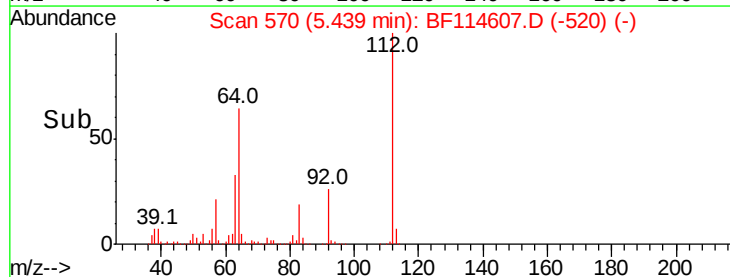
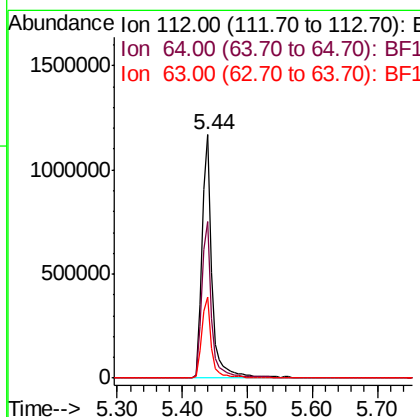
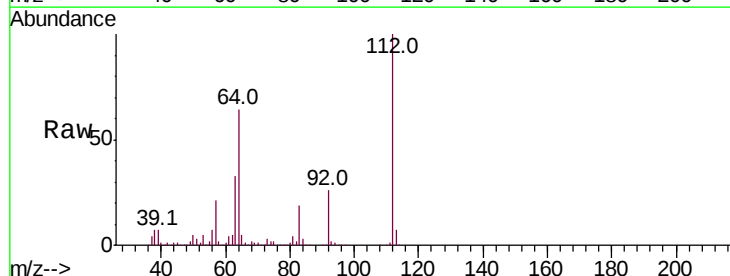
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.3	186.5
115	61.2	49.1	73.7



#5

2-Fluorophenol
Concen: 105.118 ng
RT: 5.44 min Scan# 570
Delta R.T. -0.01 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.0	73.6
63	33.2	24.6	37.0





#7

Phenol-d6

Concen: 115.364 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

PB119807BL

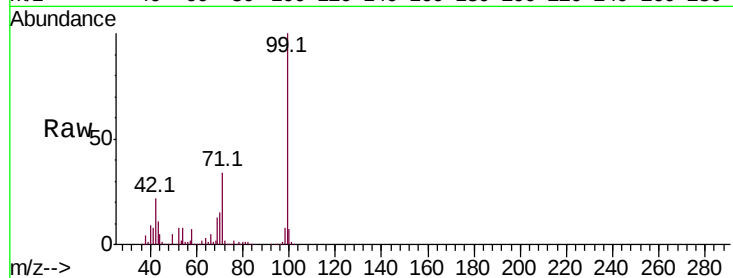
Tot Ion: 99 Resp: 1624422

Ion Ratio Lower Upper

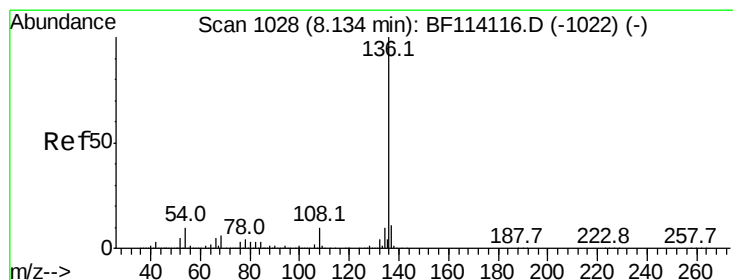
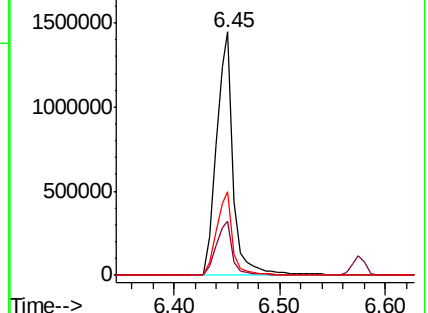
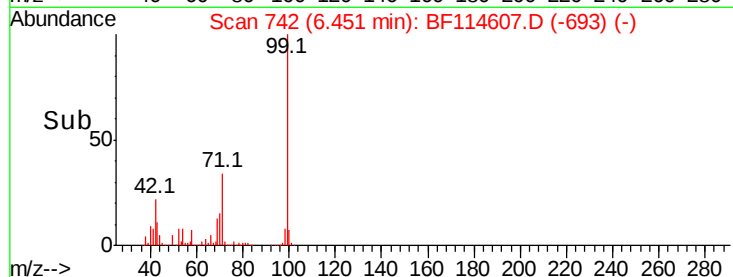
99 100

42 22.1 17.9 26.9

71 34.3 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: BF114607.D

Acq: 25 May 2019 16:46

Tgt Ion: 136 Resp: 730970

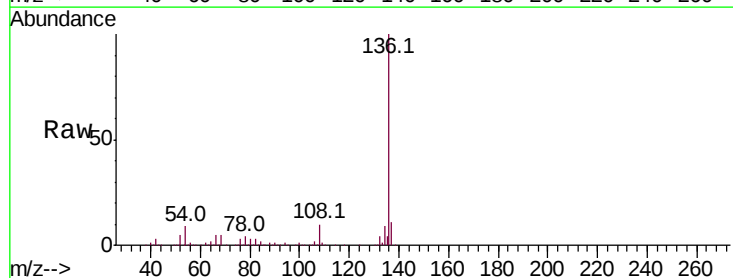
Ion Ratio Lower Upper

136 100

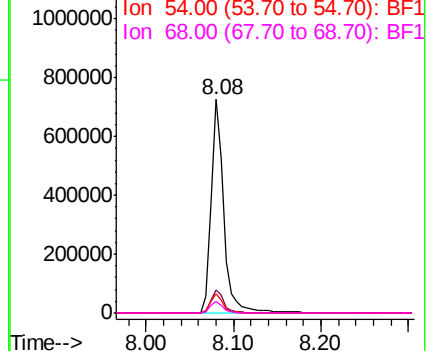
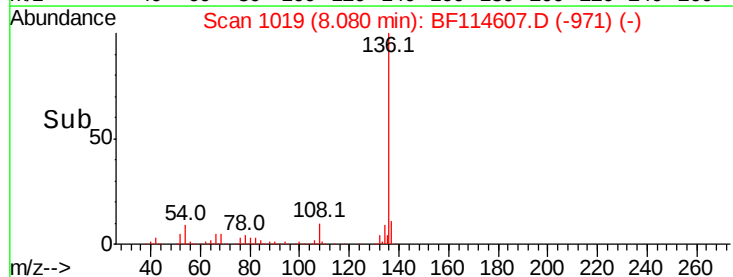
137 11.0 8.8 13.2

54 9.3 7.8 11.8

68 5.4 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

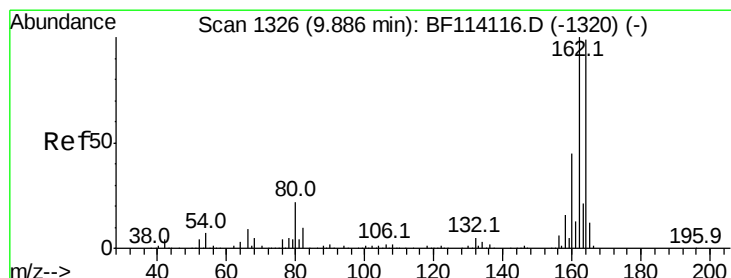
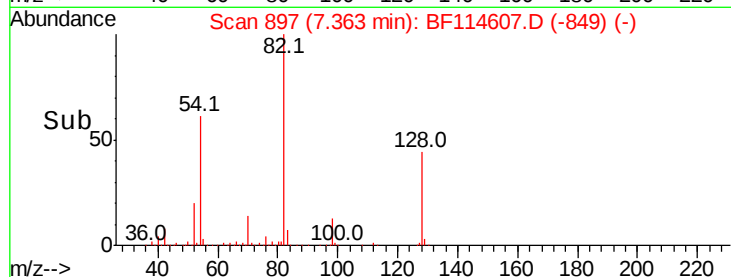
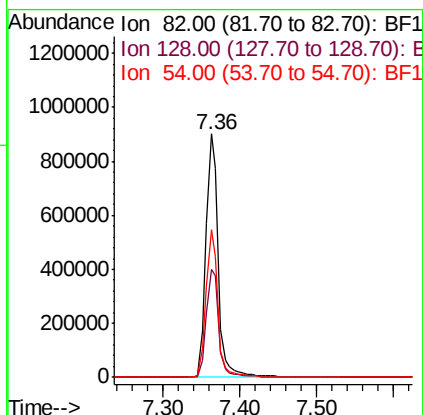
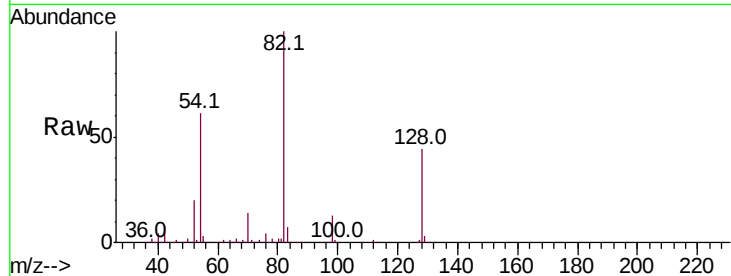




#23
Nitrobenzene-d5
Concen: 77.180 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

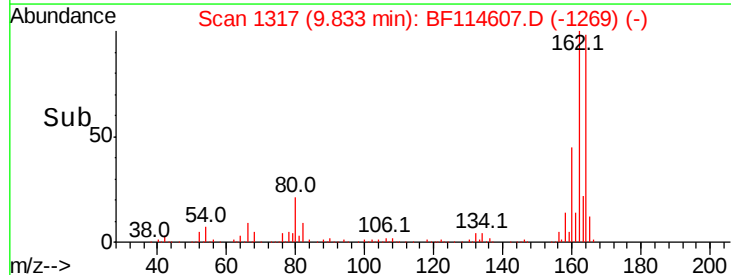
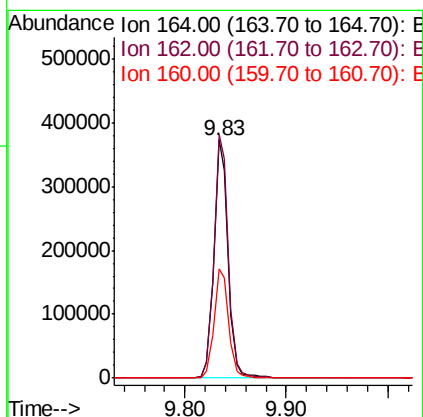
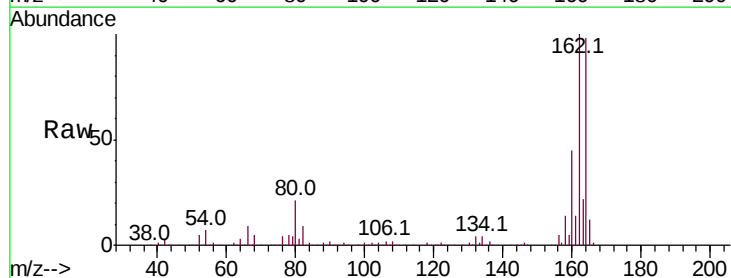
Instrument :
BNA_F
ClientSampleId :
PB119807BL

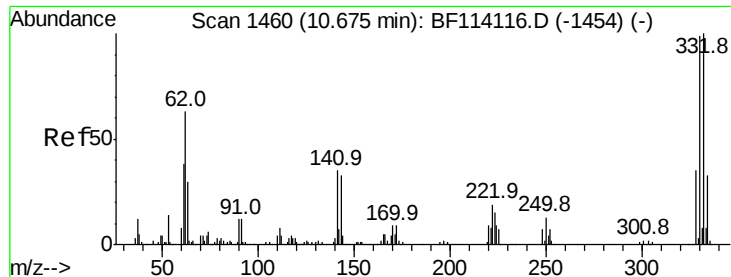
Tot Ion: 82 Resp: 1005280
Ion Ratio Lower Upper
82 100
128 44.4 35.5 53.3
54 60.7 48.5 72.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion:164 Resp: 360251
Ion Ratio Lower Upper
164 100
162 102.2 80.6 120.8
160 45.7 36.5 54.7

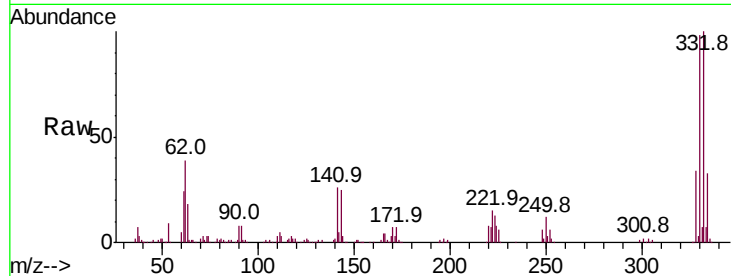




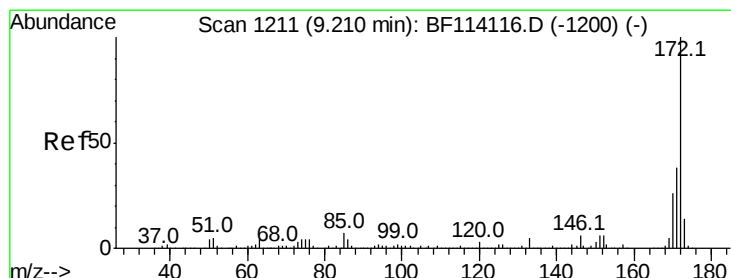
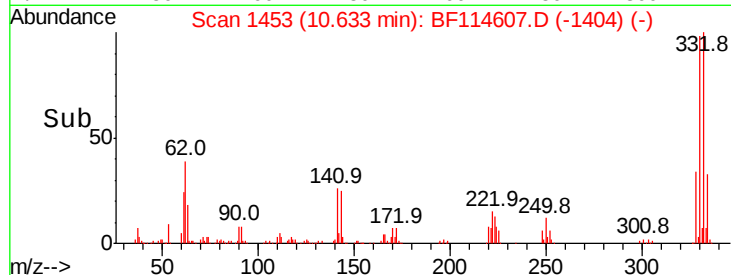
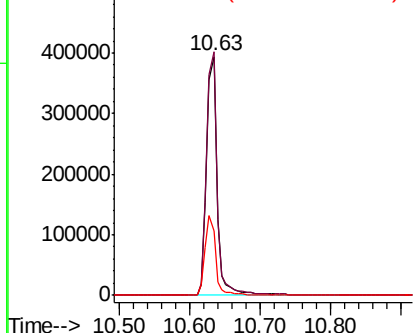
#42
 2,4,6-Tribromophenol
 Concen: 111.173 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Instrument :
 BNA_F
 ClientSampleId :
 PB119807BL

Tot Ion:330 Resp: 414051
 Ion Ratio Lower Upper
 330 100
 332 101.5 81.4 122.2
 141 33.8 26.6 40.0

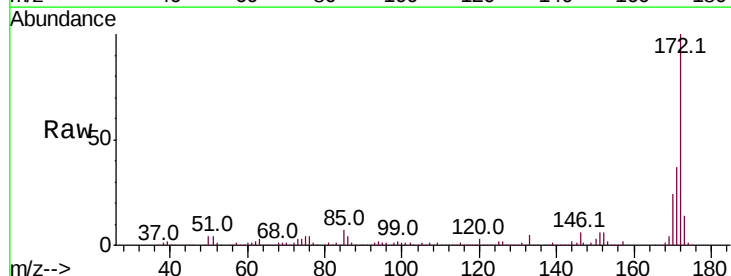


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

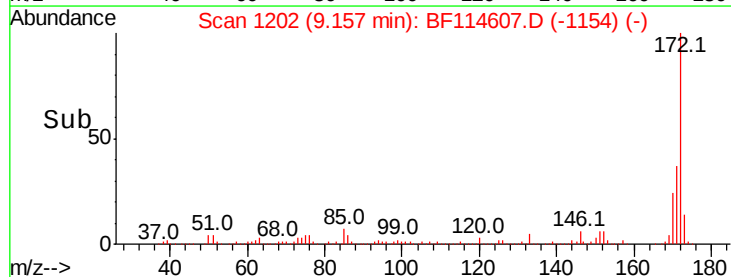
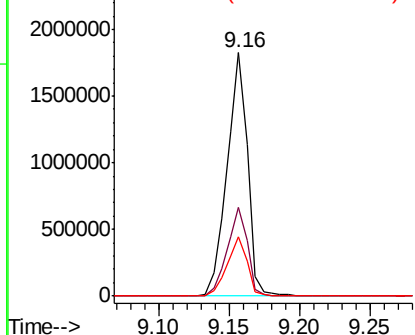


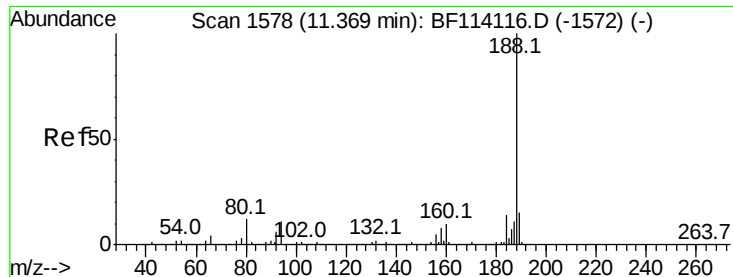
#45
 2-Fluorobiphenyl
 Concen: 77.387 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF114607.D
 Acq: 25 May 2019 16:46

Tgt Ion:172 Resp: 1843027
 Ion Ratio Lower Upper
 172 100
 171 36.5 30.7 46.1
 170 24.2 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

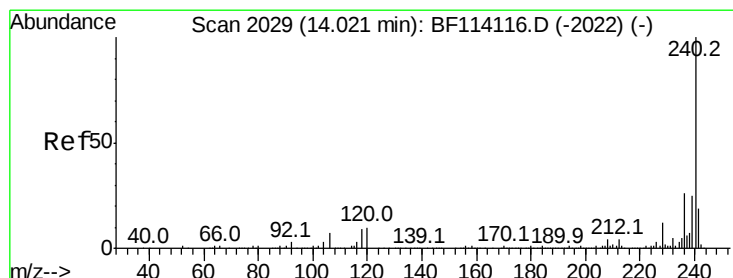
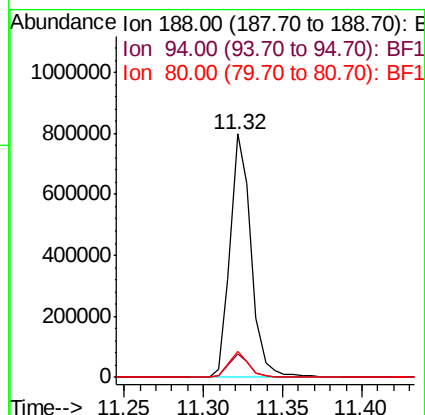
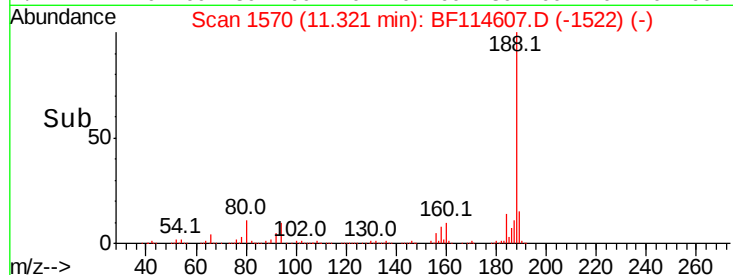
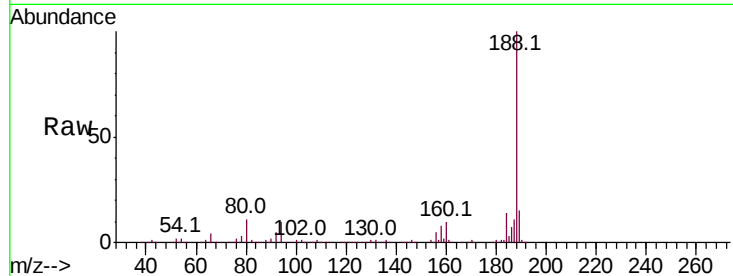




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

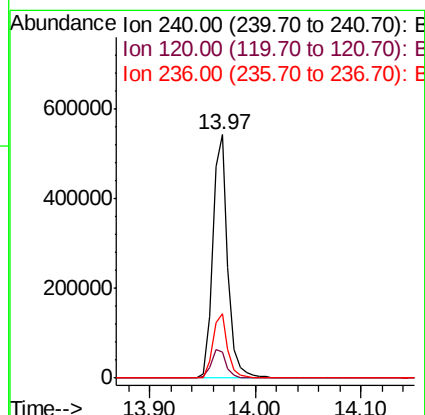
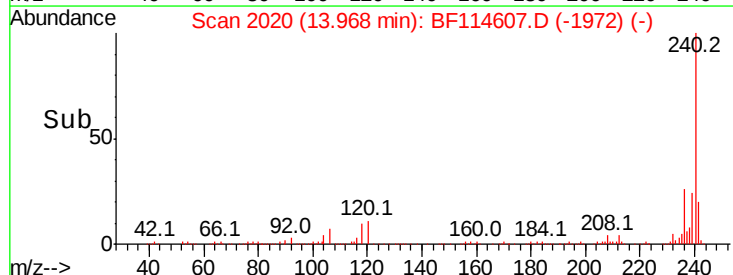
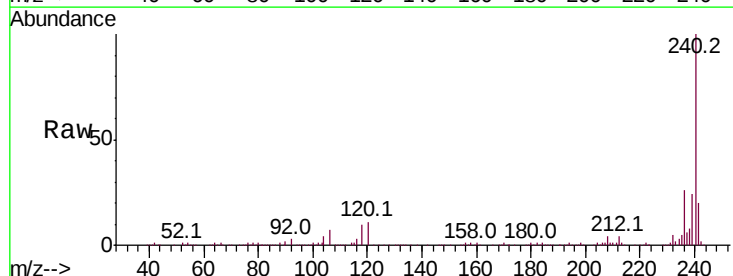
Instrument :
BNA_F
ClientSampleId :
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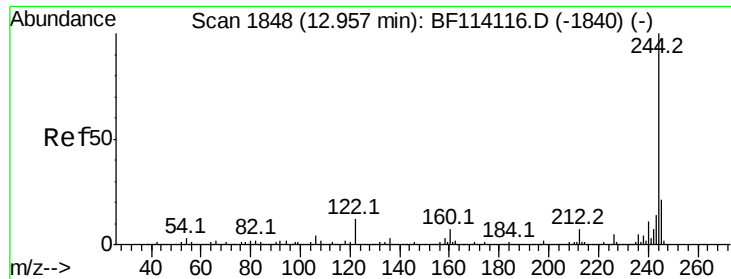
Tot Ion:188 Resp: 735022
Ion Ratio Lower Upper
188 100
94 9.8 8.4 12.6
80 10.5 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.02 min
Lab File: BF114607.D
Acq: 25 May 2019 16:46

Tgt Ion:240 Resp: 538866
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 71.808 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

Instrument :

BNA_F

ClientSampleId :

PB119807BL

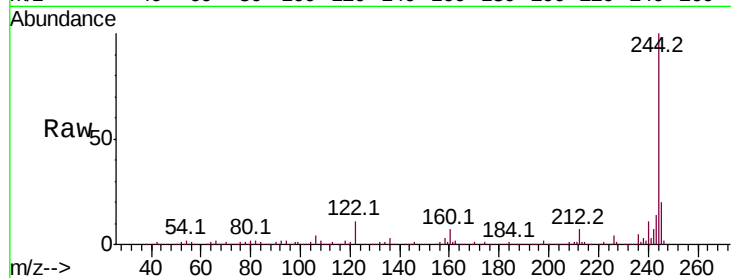
Tot Ion:244 Resp: 1877080

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

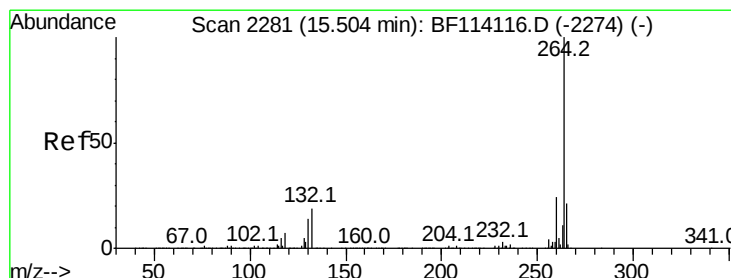
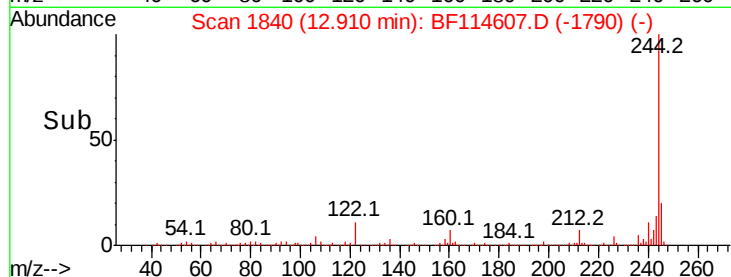
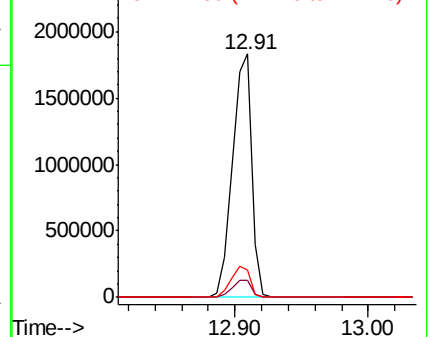
122 11.2 9.4 14.2



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: 15.42 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BF114607.D

Acq: 25 May 2019 16:46

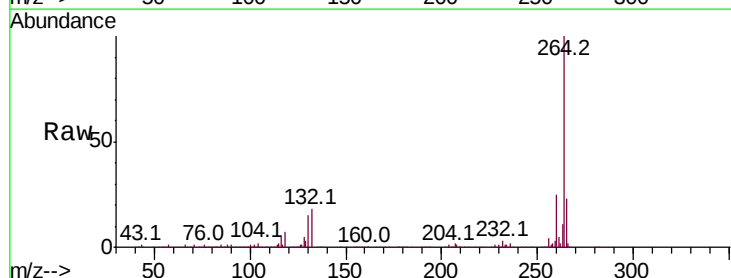
Tgt Ion:264 Resp: 538378

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.0

265 22.6 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

