

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
 Data File : BF115645.D
 Acq On : 18 Jul 2019 13:38
 Operator : HP/JU
 Sample : PB121483BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BL

Quant Time: Jul 18 17:07:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	194580	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	771613	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	391629	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	760718	20.00	ng	-0.01
76) Chrysene-d12	14.03	240	473652	20.00	ng	-0.02
87) Perylene-d12	15.50	264	404339	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1338170	112.49	ng	0.02
7) Phenol-d6	6.52	99	1791906	118.71	ng	0.00
23) Nitrobenzene-d5	7.45	82	1164468	87.75	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	510503	111.68	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	2021669	90.35	ng	-0.01
79) Terphenyl-d14	12.99	244	2215614	86.31	ng	-0.01

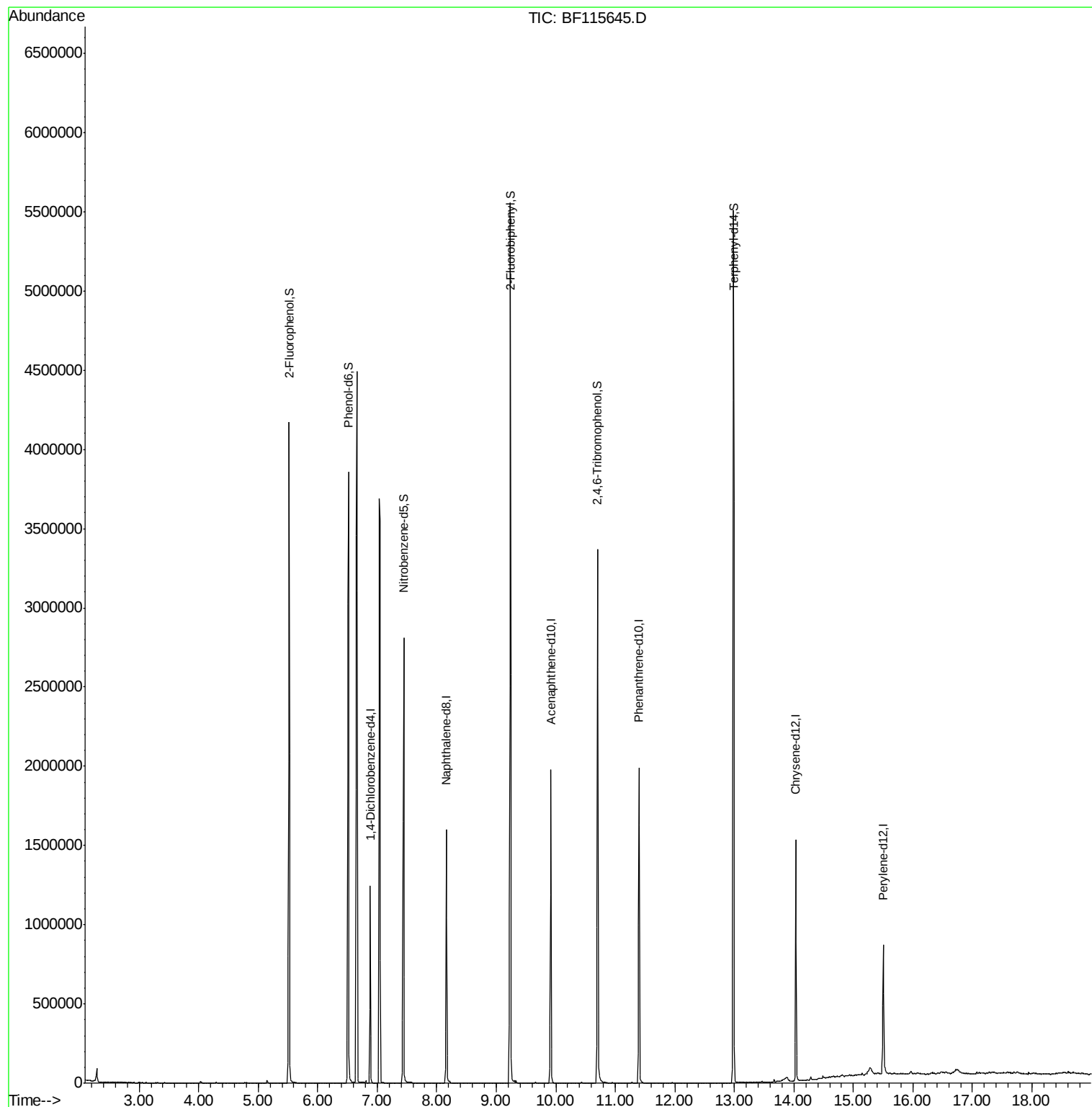
Target Compounds Qvalue

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

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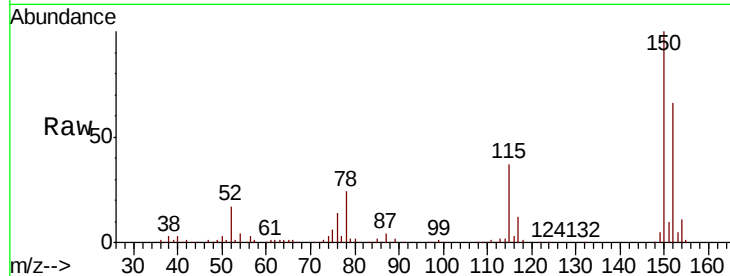


#1

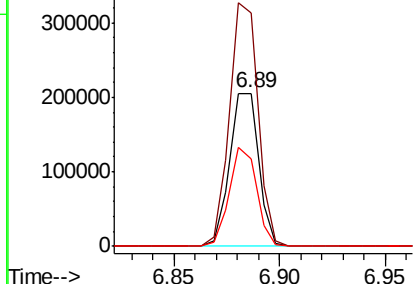
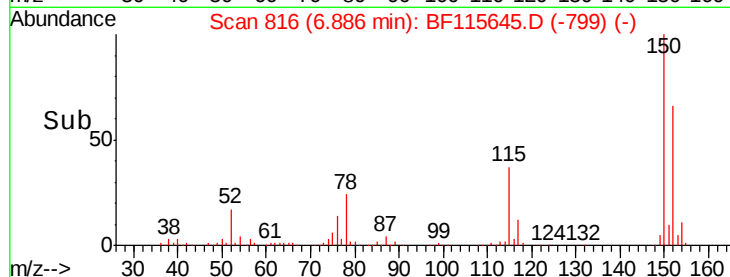
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB121483BL

Tot Ion:152 Resp: 194580
 Ion Ratio Lower Upper
 152 100
 150 152.5 129.7 194.5
 115 57.0 48.2 72.4



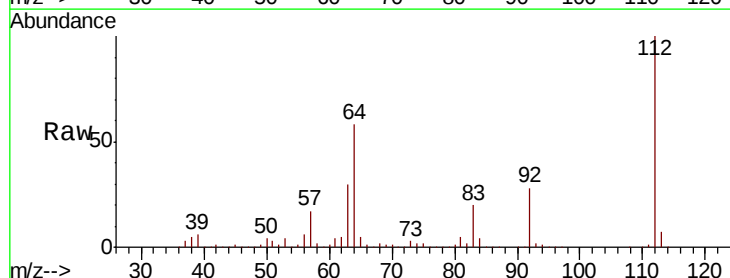
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



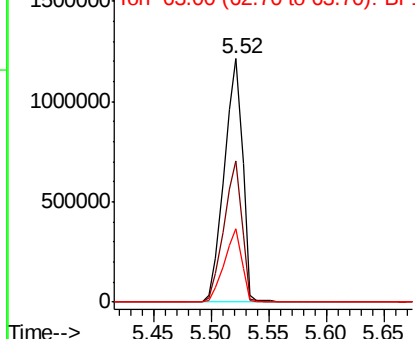
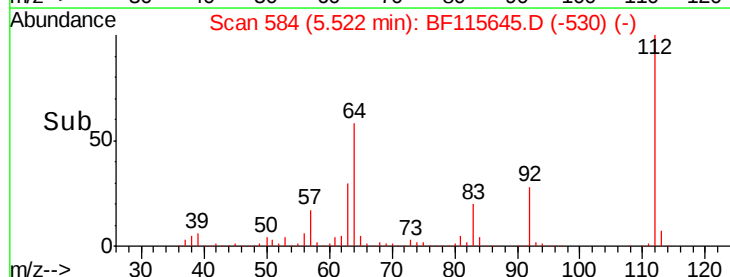
#5

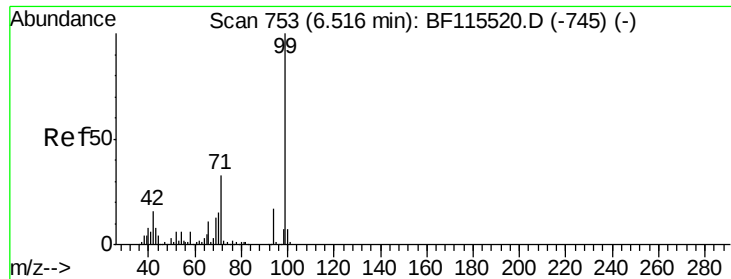
2-Fluorophenol
 Concen: 112.491 ng
 RT: 5.52 min Scan# 584
 Delta R.T. 0.02 min
 Lab File: BF115645.D
 Acq: 18 Jul 2019 13:38

Tgt Ion:112 Resp: 1338170
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.8 70.2
 63 29.9 24.1 36.1



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: 118.714 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

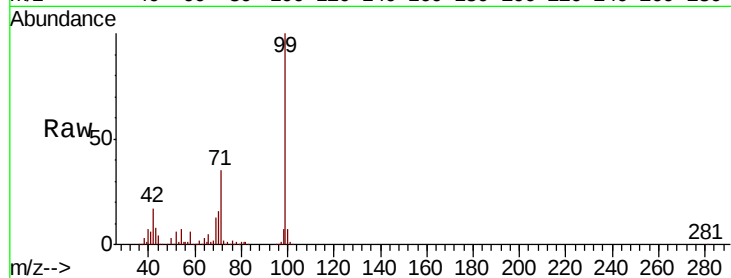
BNA_F

ClientSampleId :

PB121483BL

Tot Ion: 99 Resp: 1791906

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.6	20.4
71	35.3	28.5	42.7

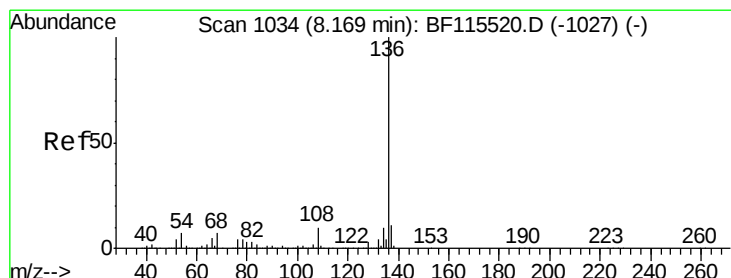
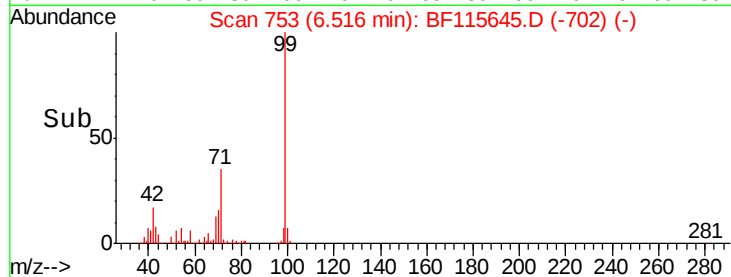


Abundance

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: 8.16 min Scan# 1033

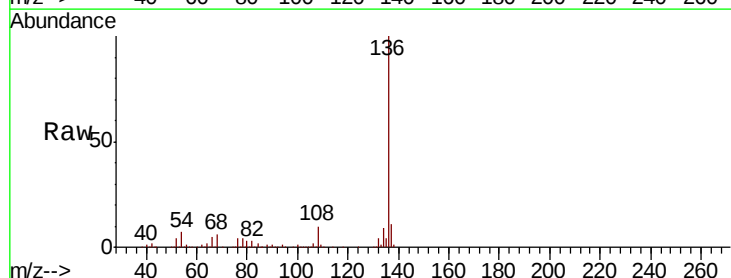
Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Tgt Ion: 136 Resp: 771613

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.0	5.6	8.4
68	6.5	5.0	7.6



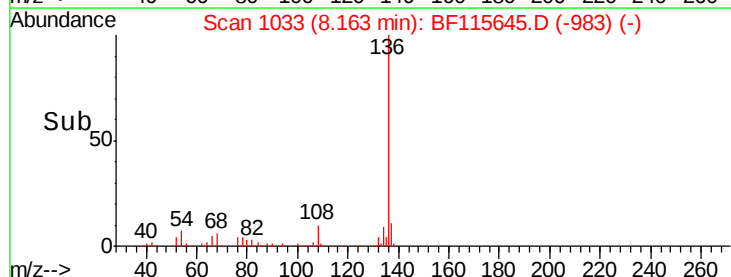
Abundance

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

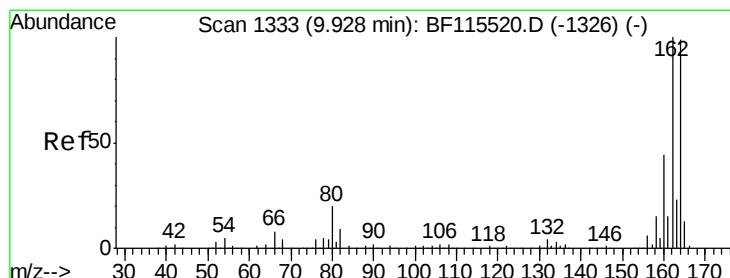
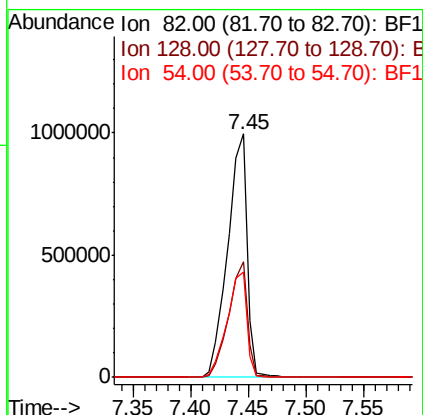
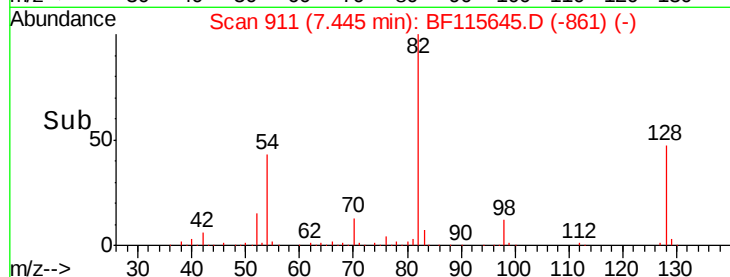
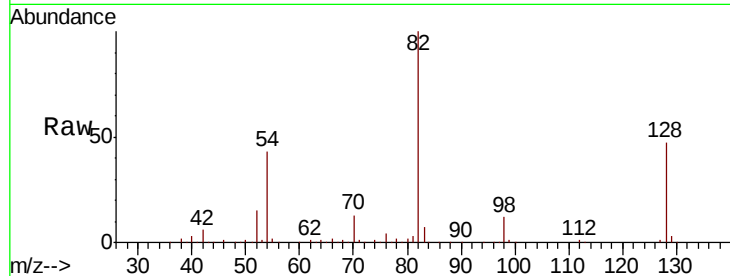




#23
Nitrobenzene-d5
Concen: 87.751 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

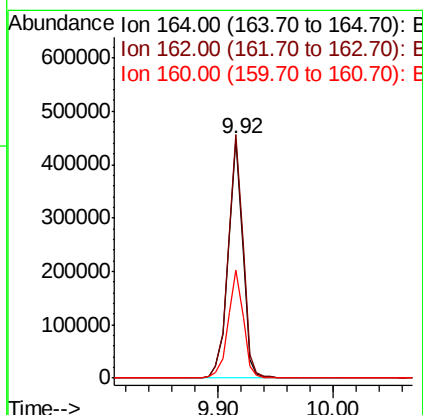
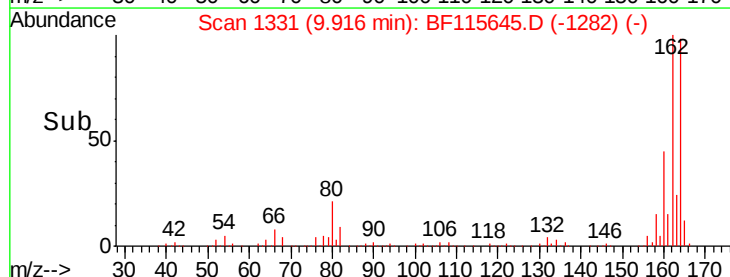
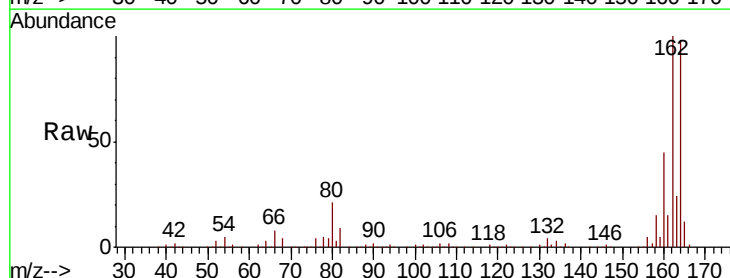
Instrument :
BNA_F
ClientSampleId :
PB121483BL

Tot Ion: 82 Resp: 1164468
Ion Ratio Lower Upper
82 100
128 47.2 38.6 57.8
54 43.2 35.6 53.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF115645.D
Acq: 18 Jul 2019 13:38

Tgt Ion:164 Resp: 391629
Ion Ratio Lower Upper
164 100
162 102.1 82.9 124.3
160 45.5 36.8 55.2





#42

2,4,6-Tribromophenol

Concen: 111.677 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

BNA_F

ClientSampleId :

PB121483BL

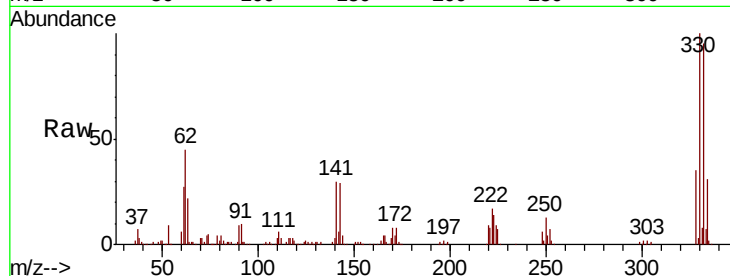
Tot Ion:330 Resp: 510503

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

141 30.1 22.4 33.6

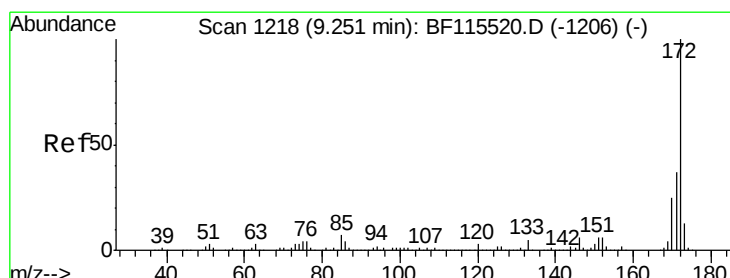
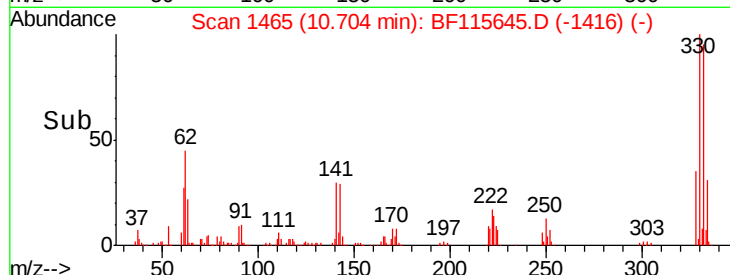
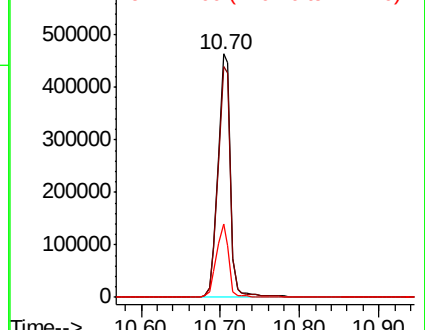


Abundance

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: 90.353 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

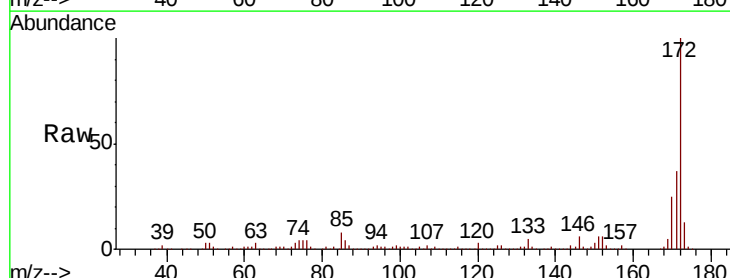
Tgt Ion:172 Resp: 2021669

Ion Ratio Lower Upper

172 100

171 37.1 30.6 46.0

170 25.2 20.5 30.7

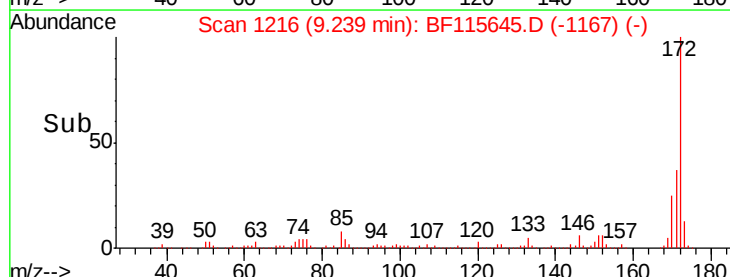
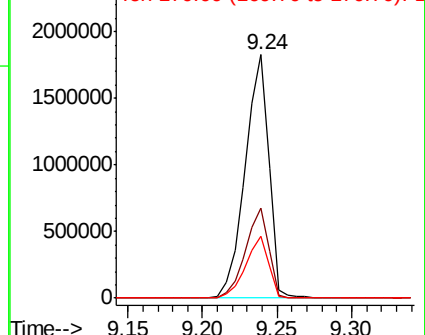


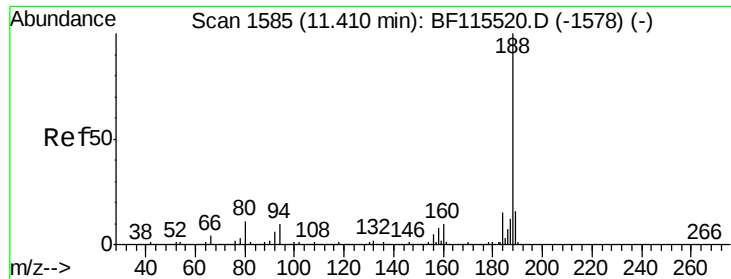
Abundance

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: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

BNA_F

ClientSampleId :

PB121483BL

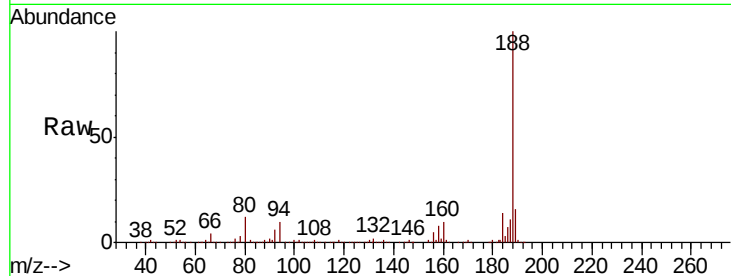
Tot Ion:188 Resp: 760718

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

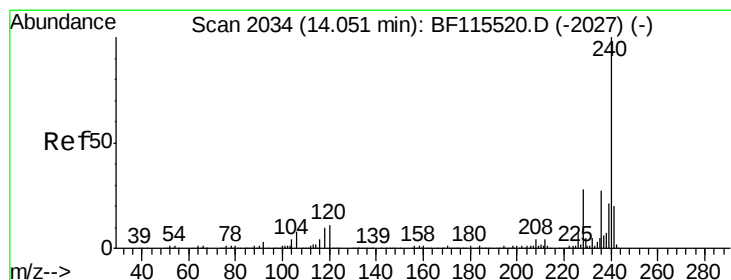
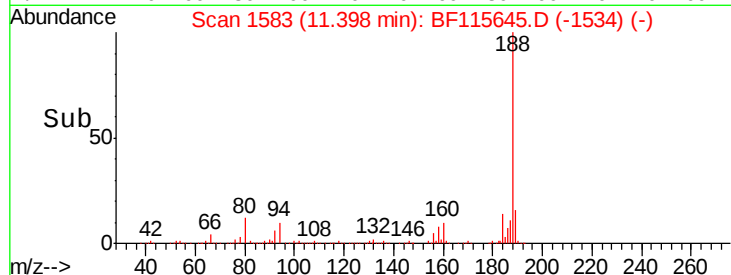
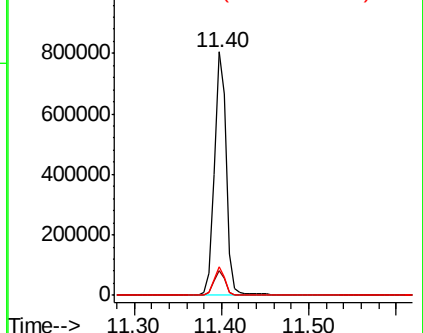
80 11.7 8.6 13.0



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: 14.03 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

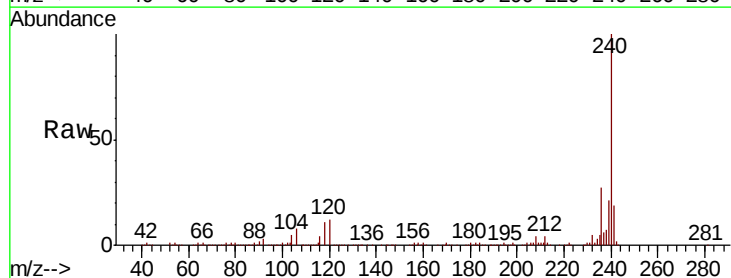
Tgt Ion:240 Resp: 473652

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

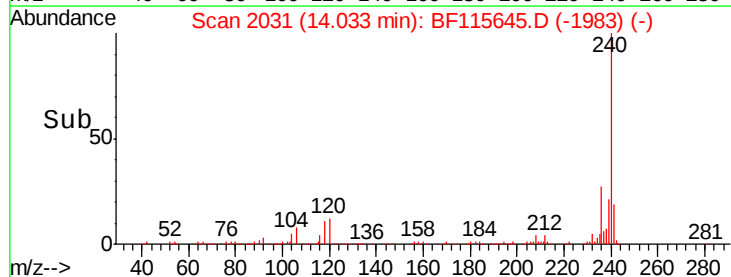
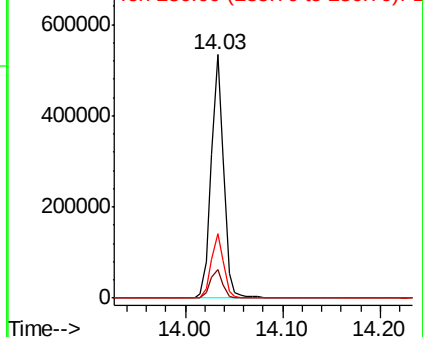
236 26.7 21.3 31.9

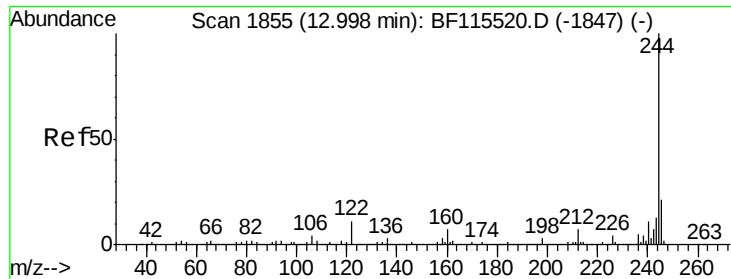


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.312 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

Instrument :

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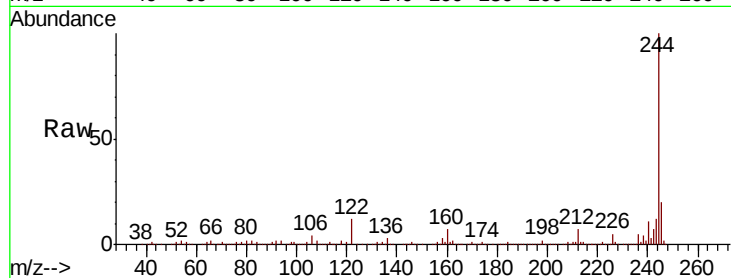
Tot Ion:244 Resp: 2215614

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

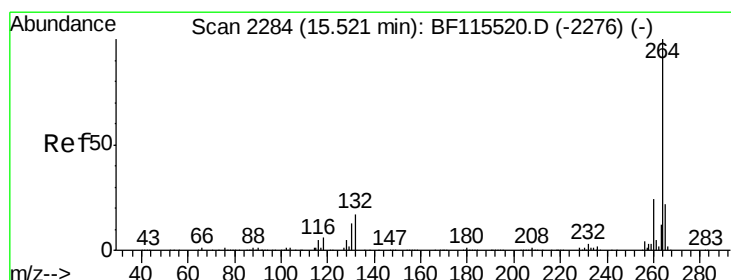
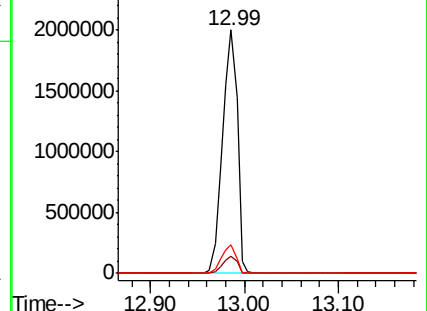
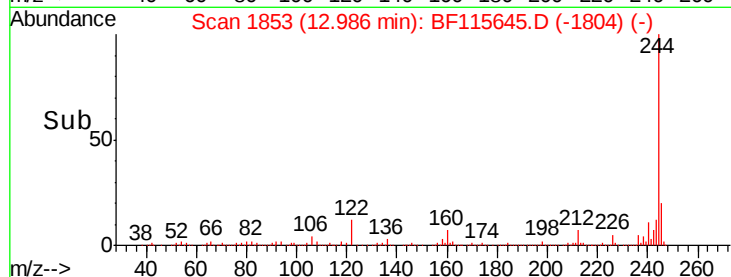
122 11.5 8.6 12.8



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: 15.50 min Scan# 2281

Delta R.T. -0.02 min

Lab File: BF115645.D

Acq: 18 Jul 2019 13:38

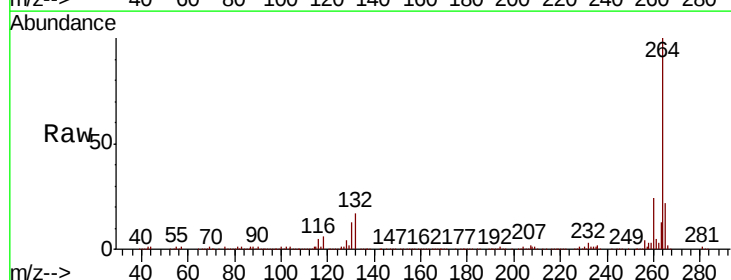
Tgt Ion:264 Resp: 404339

Ion Ratio Lower Upper

264 100

260 24.5 19.8 29.8

265 21.7 17.7 26.5



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

