

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116226.D
 Acq On : 13 Aug 2019 12:44
 Operator : HP/JU
 Sample : PB122181TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Quant Time: Aug 13 23:54:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134157	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	520230	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	279416	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	493852	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	344107	20.00	ng	0.00
87) Perylene-d12	15.47	264	308760	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	970092	121.05	ng	0.00
7) Phenol-d6	6.47	99	1271020	125.71	ng	-0.01
23) Nitrobenzene-d5	7.40	82	815741	90.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	341867	126.20	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1413907	94.78	ng	-0.01
79) Terphenyl-d14	12.95	244	1576006	96.51	ng	0.00

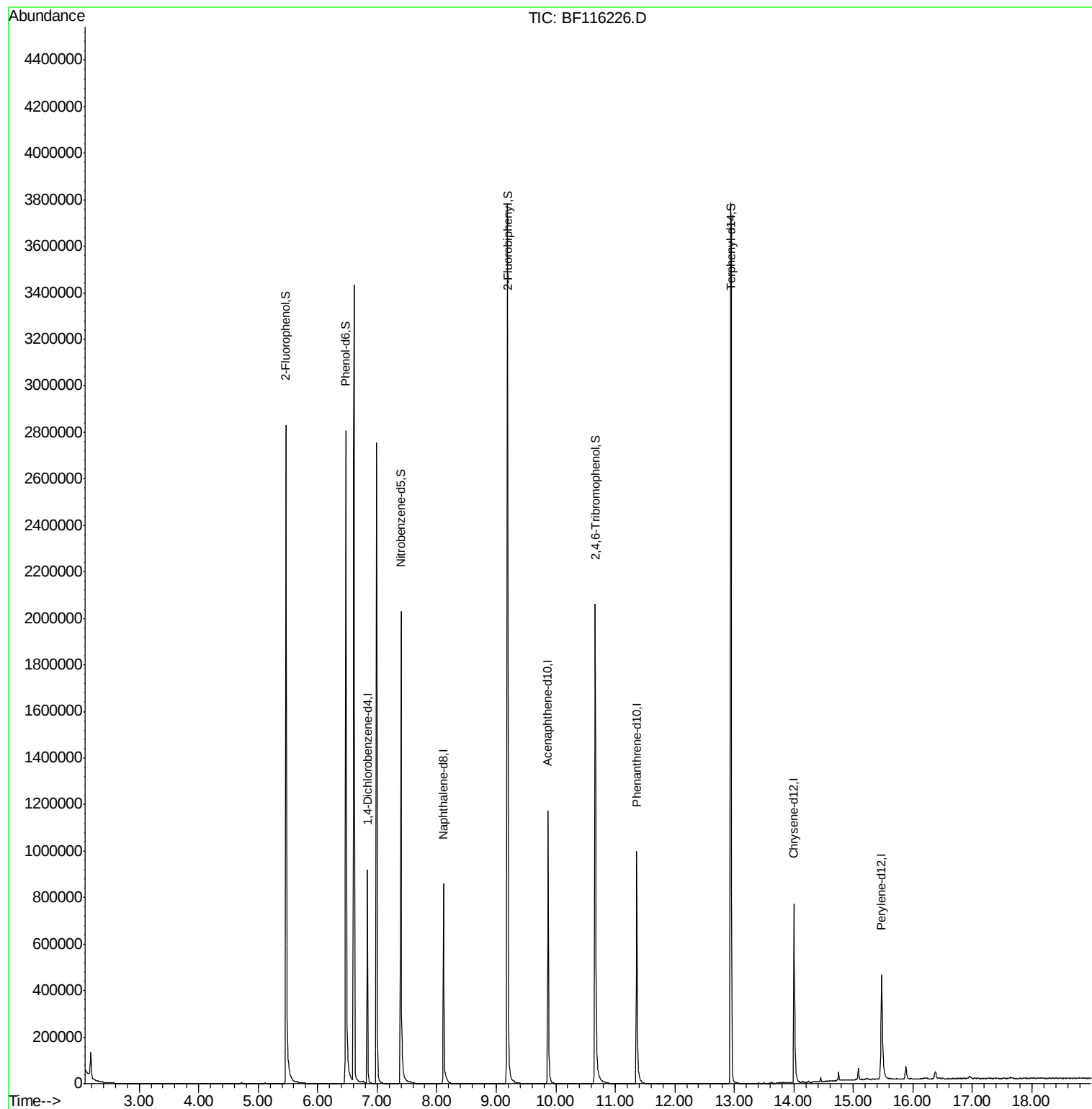
Target Compounds Qvalue

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

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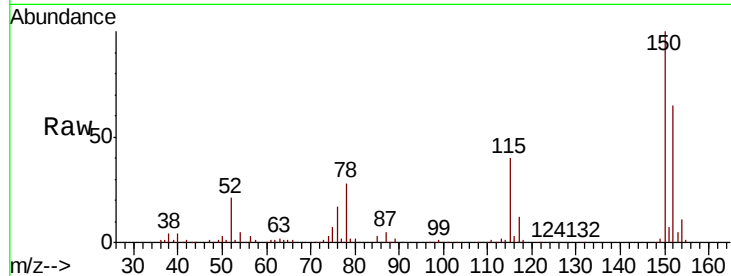


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Instrument :
BNA_F
ClientSampleId :
PB122181TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	126.2	189.2
115	61.0	49.9	74.9

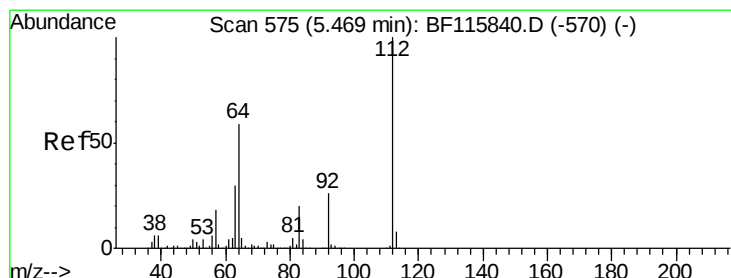
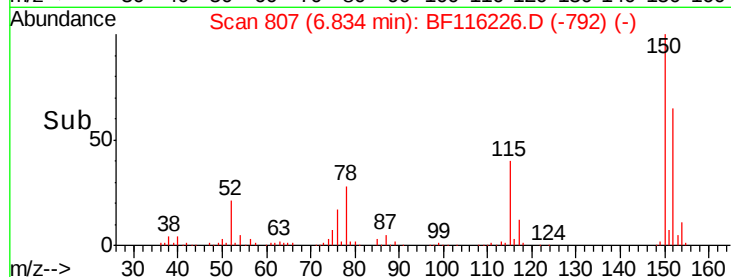
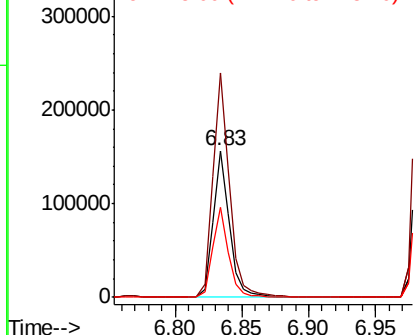


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

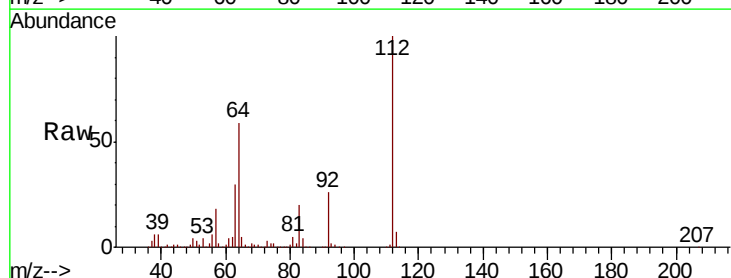
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 121.052 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116226.D
Acq: 13 Aug 2019 12:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.4	68.2
63	30.4	23.7	35.5

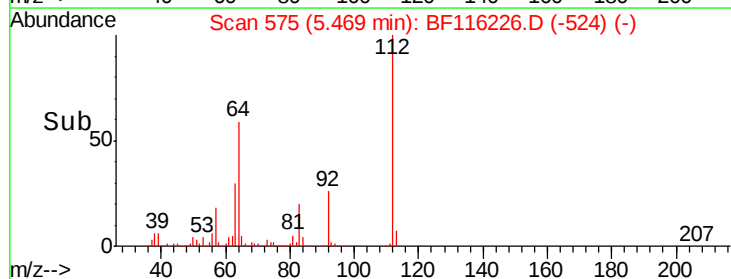
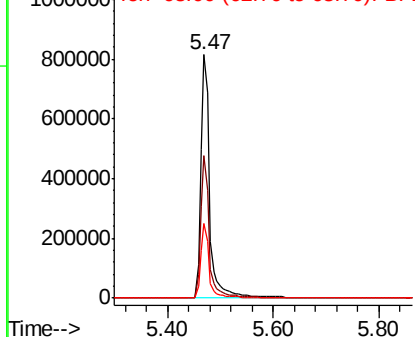


Abundance

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: 125.708 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

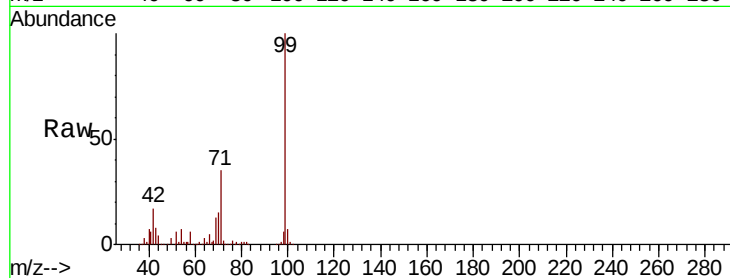
BNA_F

ClientSampleId :

PB122181TB

Tot Ion: 99 Resp: 1271020

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.8	20.8
71	34.6	27.3	40.9

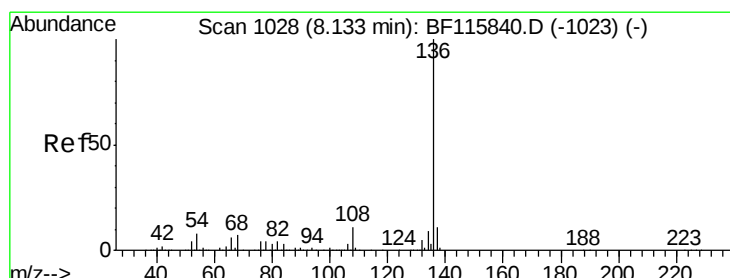
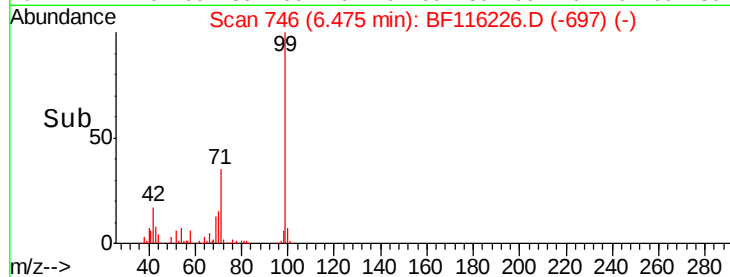


Abundance

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: 8.12 min Scan# 1025

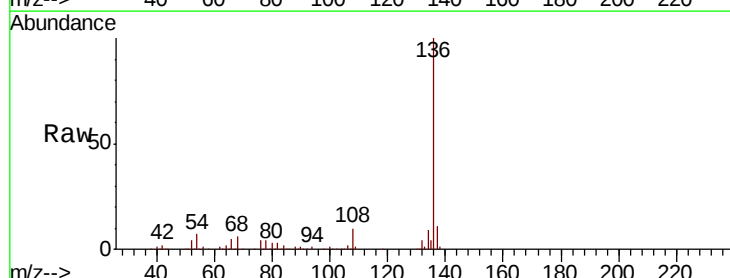
Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Tgt Ion: 136 Resp: 520230

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	6.7	5.8	8.6
68	6.0	5.2	7.8



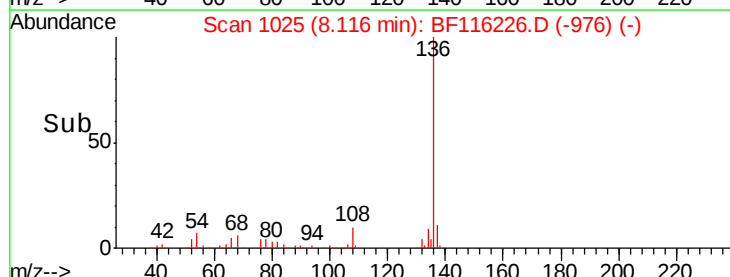
Abundance

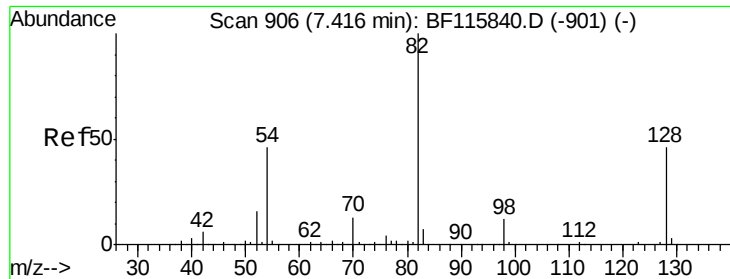
Ion 136.00 (135.70 to 136.70): E

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

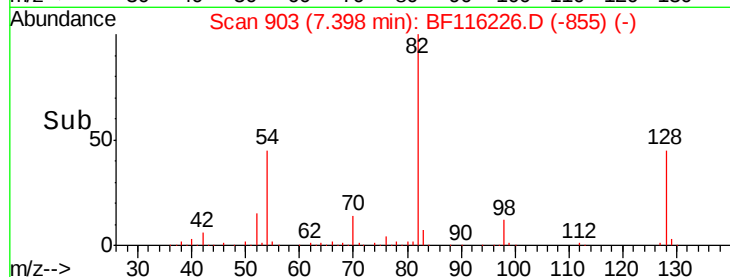
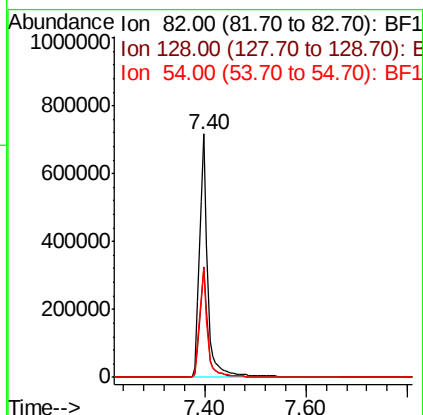
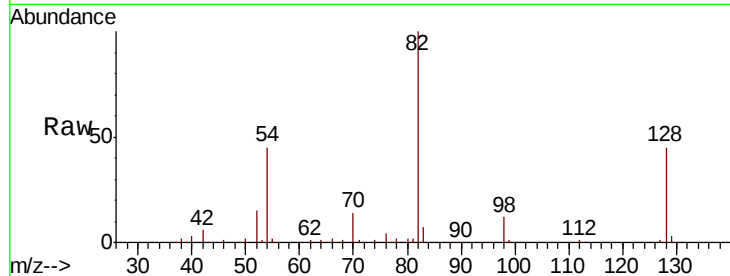




#23
 Nitrobenzene-d5
 Concen: 90.512 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

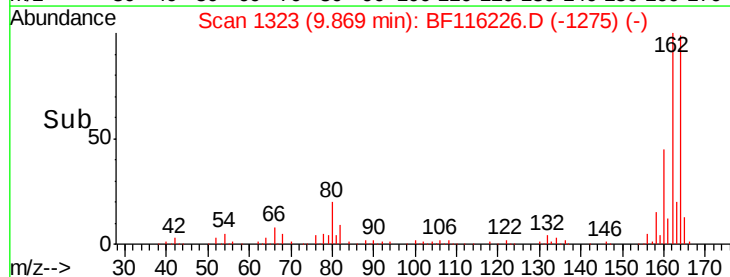
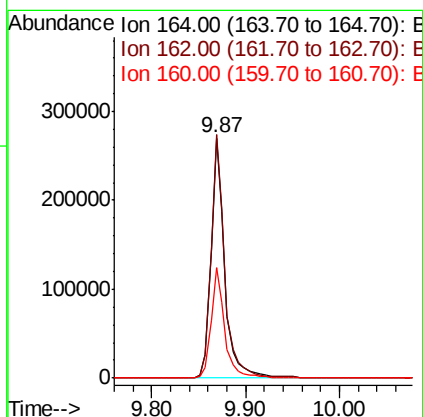
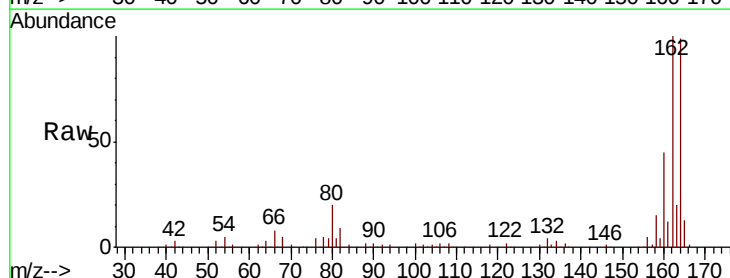
Instrument :
 BNA_F
 ClientSampleId :
 PB122181TB

Tot Ion: 82 Resp: 815741
 Ion Ratio Lower Upper
 82 100
 128 45.3 36.5 54.7
 54 44.7 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116226.D
 Acq: 13 Aug 2019 12:44

Tgt Ion:164 Resp: 279416
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 124.0
 160 45.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 126.196 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB122181TB

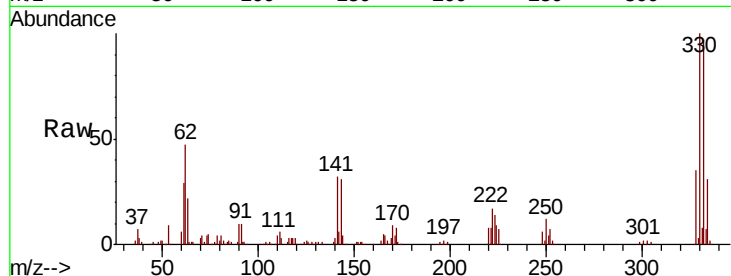
Tot Ion:330 Resp: 341867

Ion Ratio Lower Upper

330 100

332 96.2 76.8 115.2

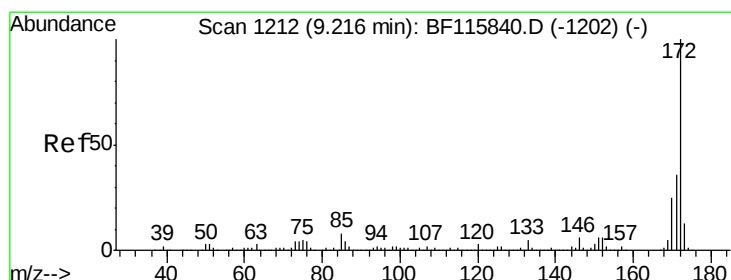
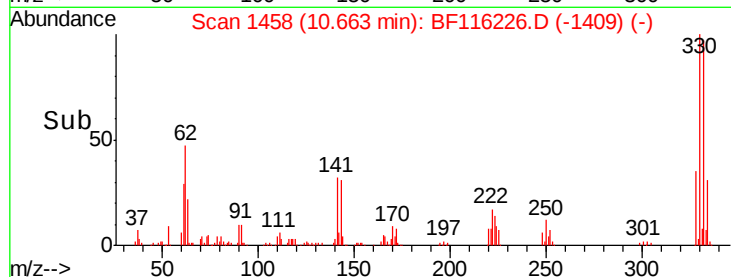
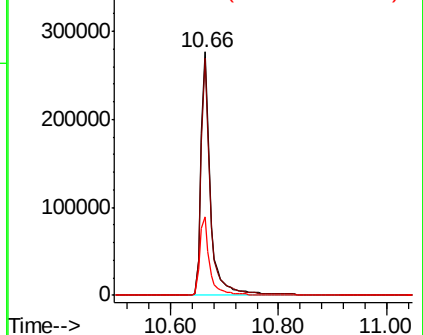
141 33.9 26.3 39.5



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: 94.782 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

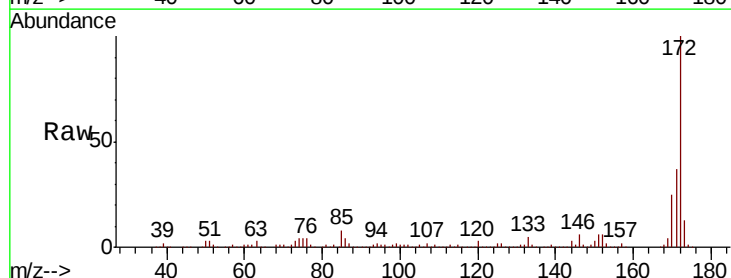
Tgt Ion:172 Resp: 1413907

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

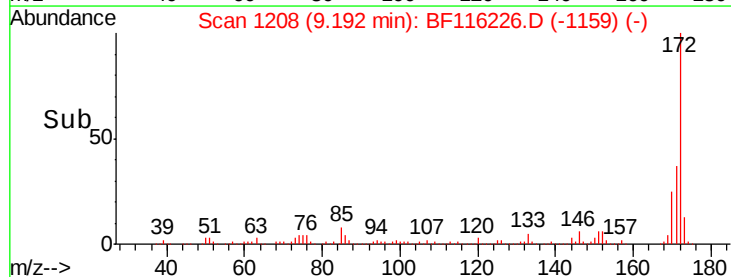
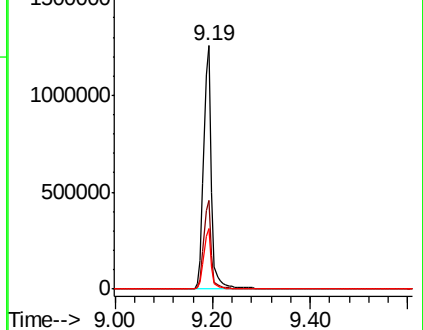
170 24.9 20.1 30.1

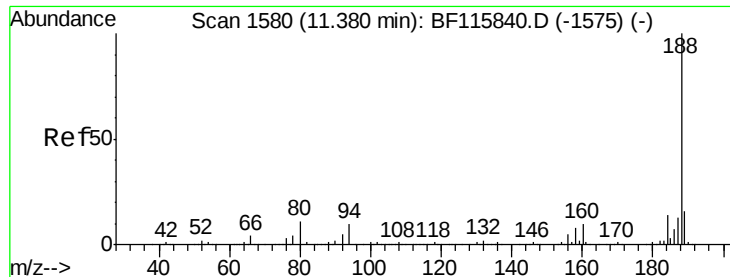


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

BNA_F

ClientSampled :

PB122181TB

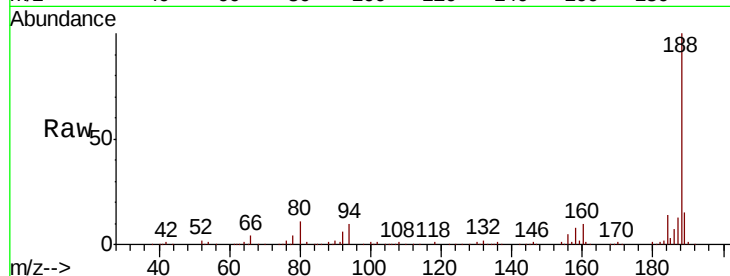
Tot Ion:188 Resp: 493852

Ion Ratio Lower Upper

188 100

94 10.1 8.1 12.1

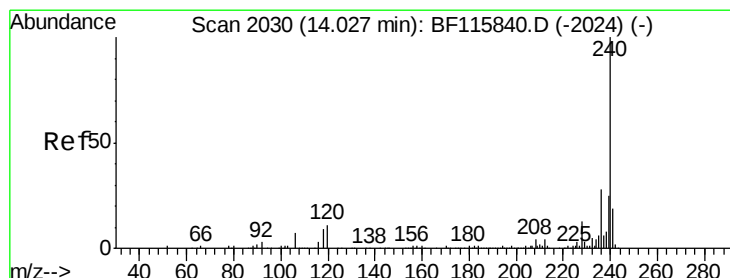
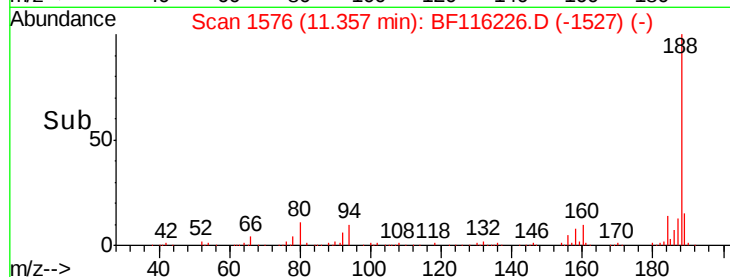
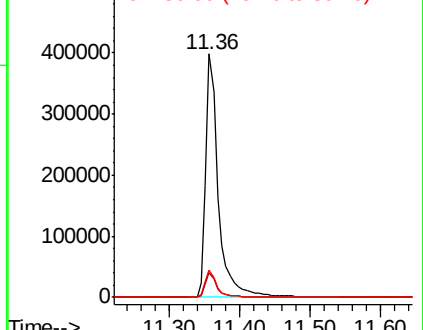
80 11.0 8.7 13.1



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: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

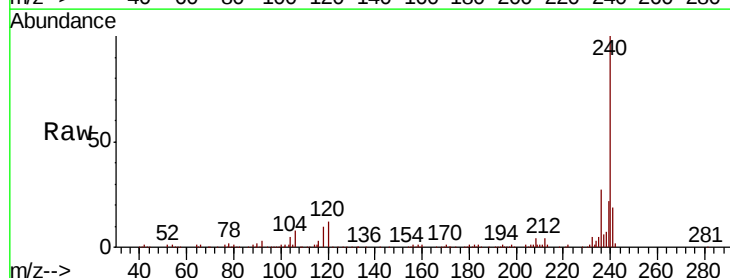
Tgt Ion:240 Resp: 344107

Ion Ratio Lower Upper

240 100

120 11.8 10.7 16.1

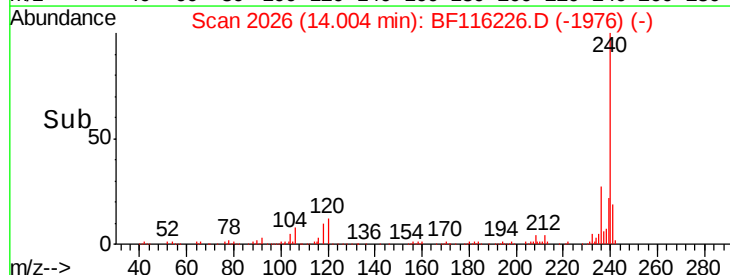
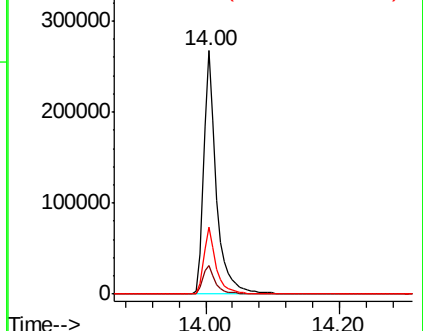
236 27.4 22.2 33.2

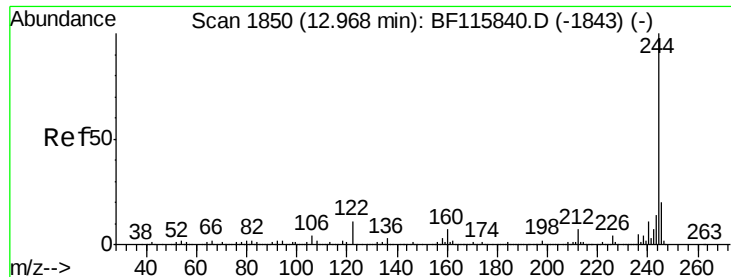


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 96.508 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

Instrument :

BNA_F

ClientSampleId :

PB122181TB

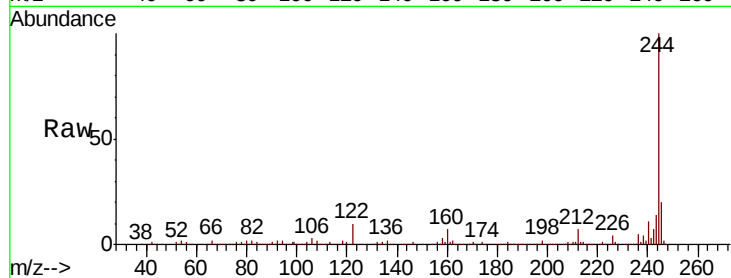
Tot Ion:244 Resp: 1576006

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.4	9.0	13.4

244 100

212 6.9 5.8 8.8

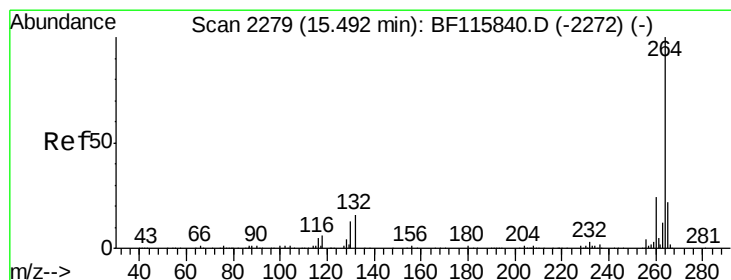
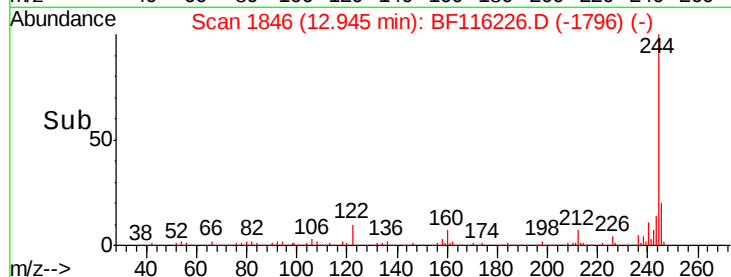
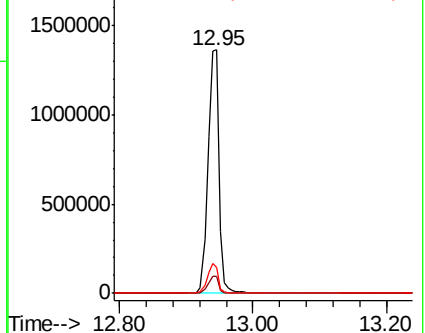
122 10.4 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF116226.D

Acq: 13 Aug 2019 12:44

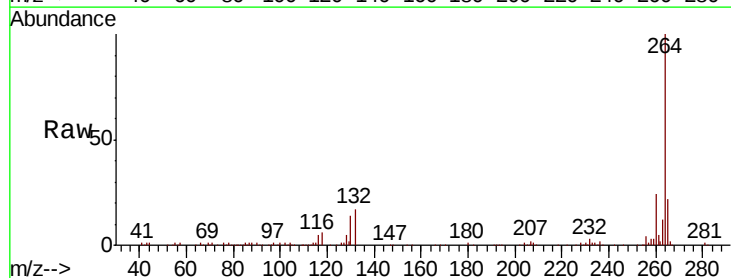
Tgt Ion:264 Resp: 308760

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	21.9	17.4	26.0

264 100

260 24.3 19.7 29.5

265 21.9 17.4 26.0



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

