

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116065.D
 Acq On : 8 Aug 2019 13:30
 Operator : HP/JU
 Sample : PB122055BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122055BL

Quant Time: Aug 09 09:26:02 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	6.84	152	156486	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	605066	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	323519	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	585039	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	420825	20.00	ng	-0.01
87) Perylene-d12	15.46	264	382621	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1123395	120.18	ng	0.00
7) Phenol-d6	6.48	99	1459851	123.78	ng	0.00
23) Nitrobenzene-d5	7.40	82	975372	93.05	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	415177	132.37	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1637584	94.81	ng	-0.01
79) Terphenyl-d14	12.95	244	1834729	91.87	ng	0.00

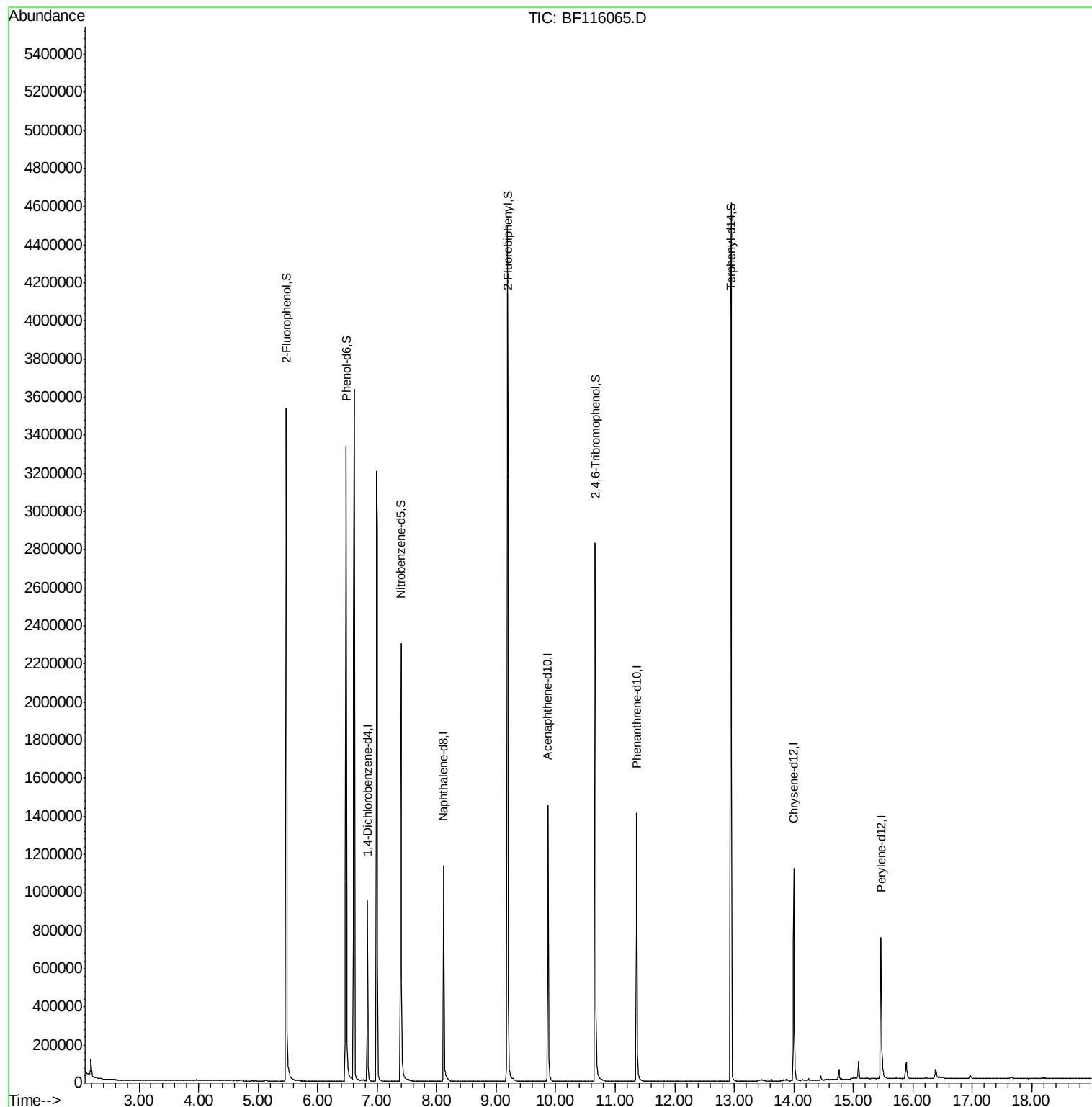
Target Compounds Qvalue

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

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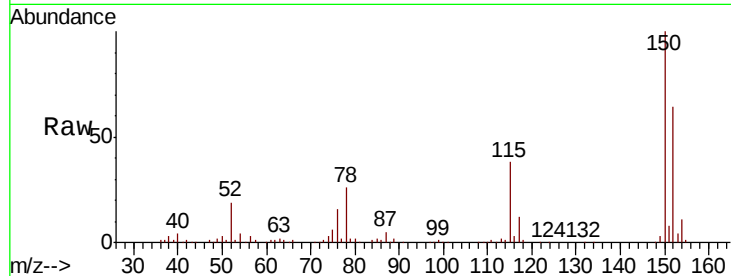


#1

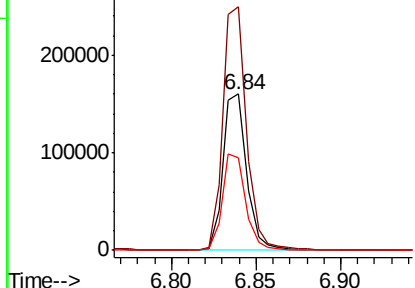
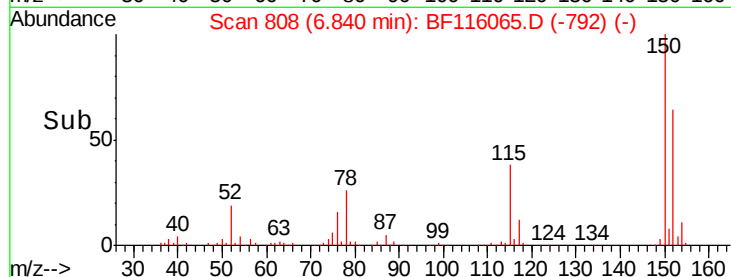
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116065.D
Acq: 8 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB122055BL

Tot Ion:152 Resp: 156486
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 58.9 49.9 74.9



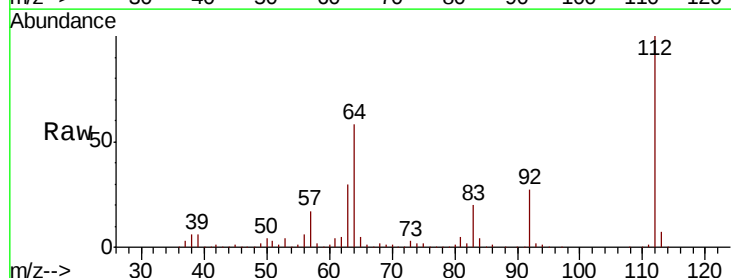
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



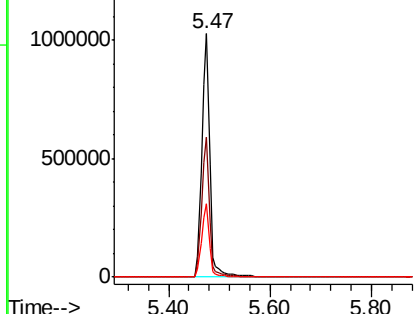
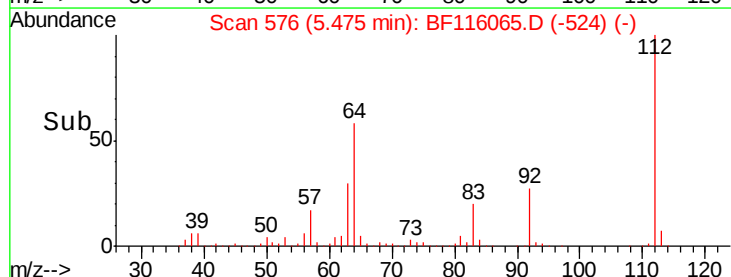
#5

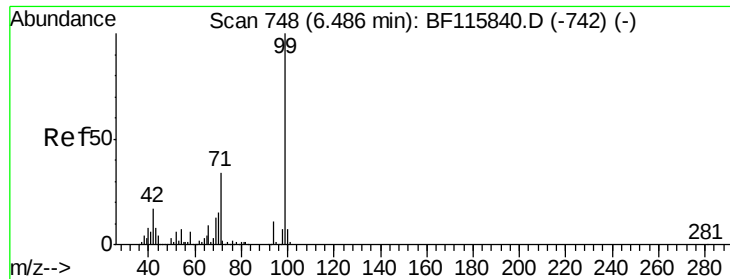
2-Fluorophenol
Concen: 120.179 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF116065.D
Acq: 8 Aug 2019 13:30

Tgt Ion:112 Resp: 1123395
Ion Ratio Lower Upper
112 100
64 57.5 45.4 68.2
63 30.1 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: 123.782 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

Instrument :

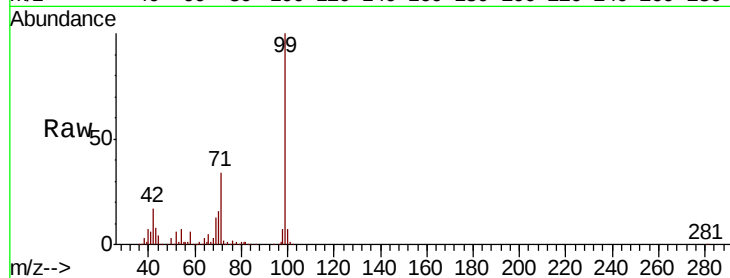
BNA_F

ClientSampleId :

PB122055BL

Tot Ion: 99 Resp: 1459851

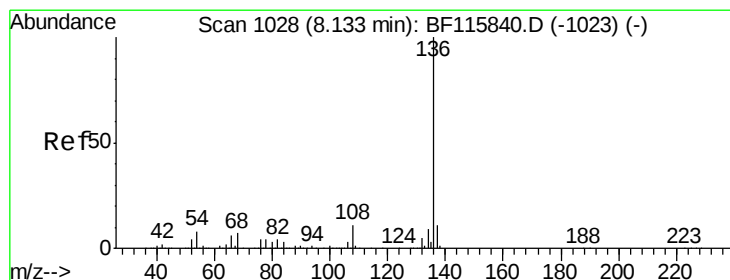
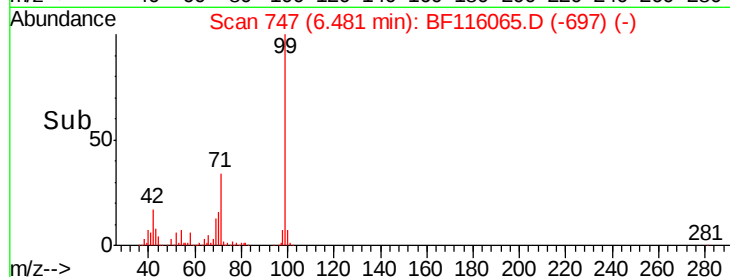
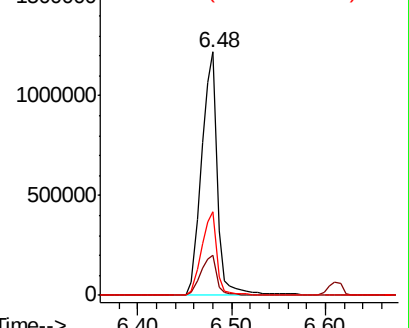
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.8	20.8
71	34.1	27.3	40.9



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

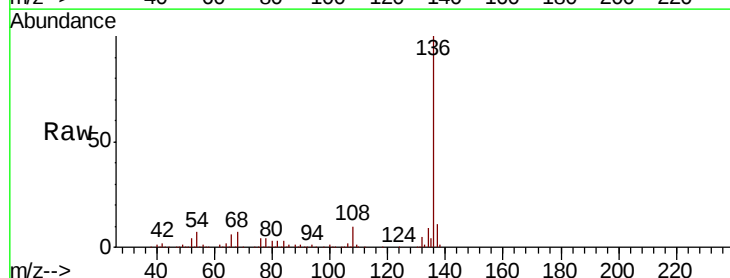
Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

Tgt Ion: 136 Resp: 605066

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.4	5.8	8.6
68	6.5	5.2	7.8

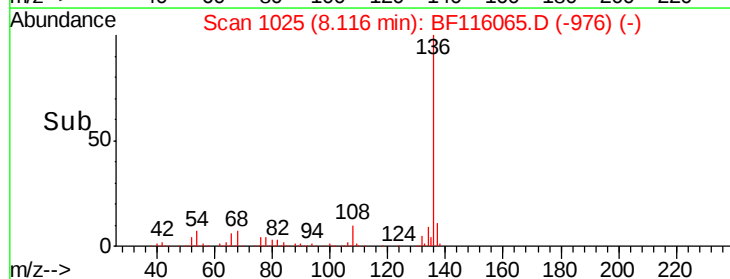
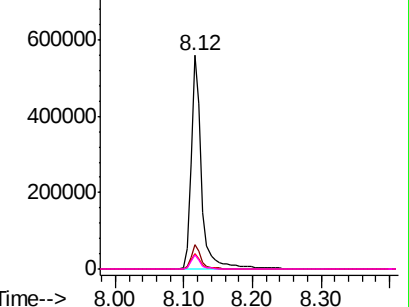


Abundance Ion 136.00 (135.70 to 136.70): E

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

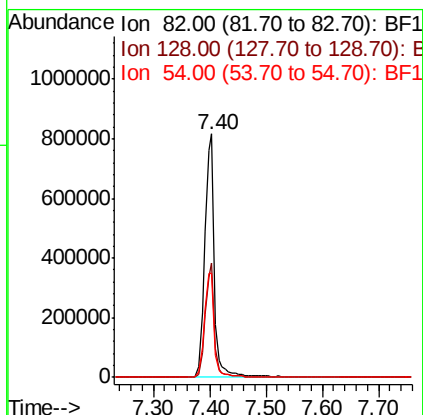
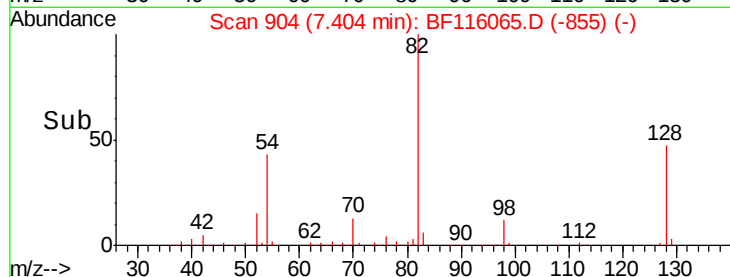
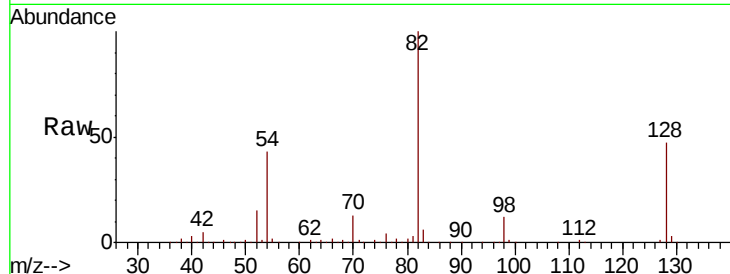




#23
 Nitrobenzene-d5
 Concen: 93.050 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116065.D
 Acq: 8 Aug 2019 13:30

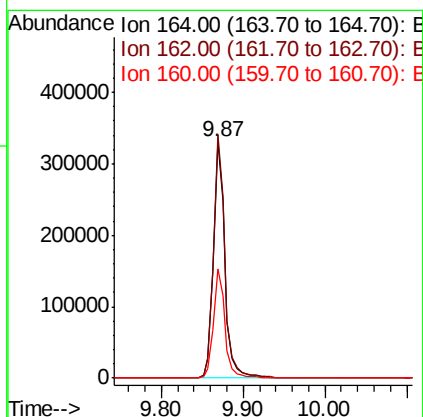
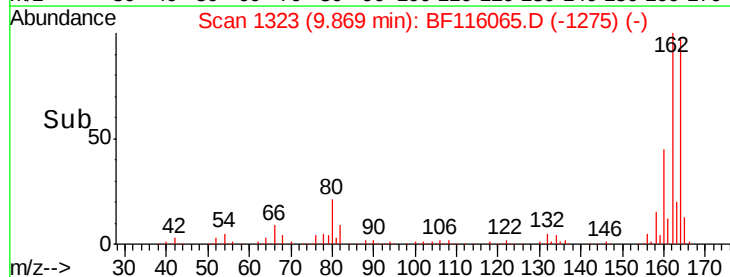
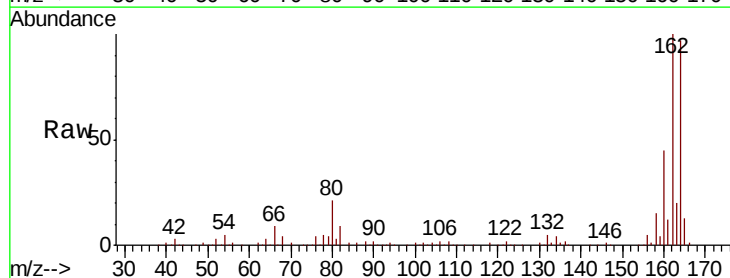
Instrument :
 BNA_F
 ClientSampleId :
 PB122055BL

Tot Ion: 82 Resp: 975372
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 43.0 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: BF116065.D
 Acq: 8 Aug 2019 13:30

Tgt Ion: 164 Resp: 323519
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 124.0
 160 46.4 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 132.365 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

PB122055BL

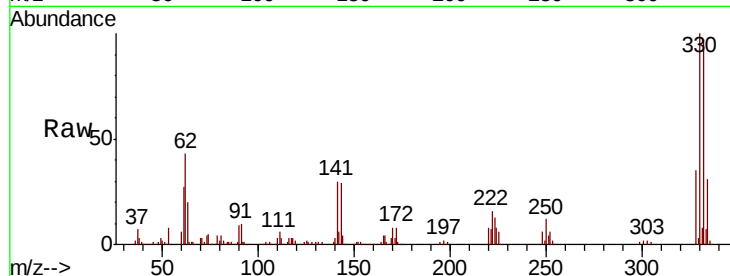
Tot Ion:330 Resp: 415177

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

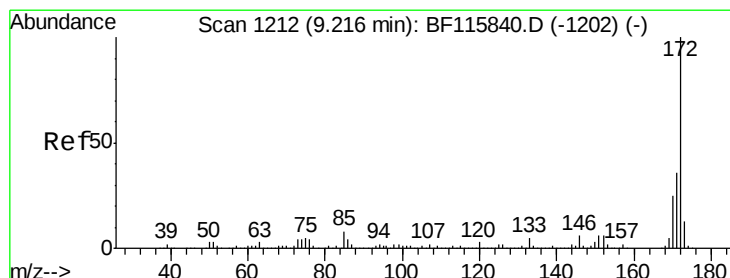
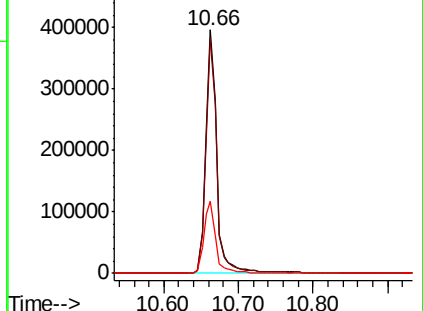
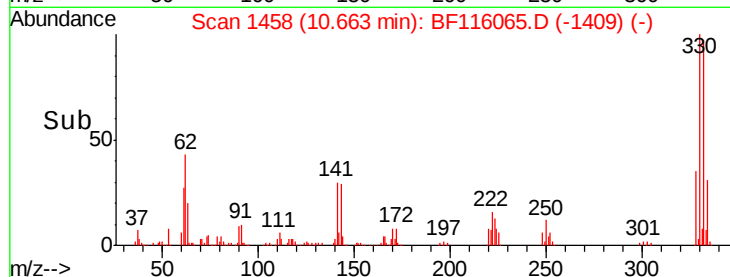
141 32.1 26.3 39.5



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: 94.811 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

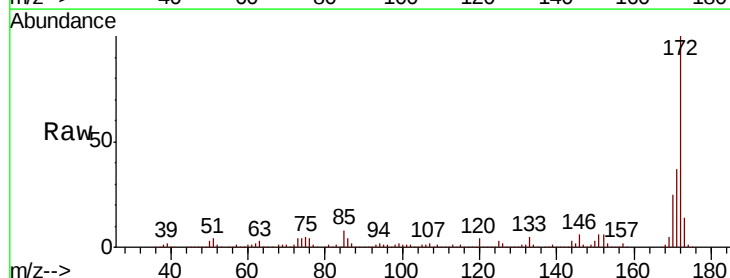
Tgt Ion:172 Resp: 1637584

Ion Ratio Lower Upper

172 100

171 37.0 29.6 44.4

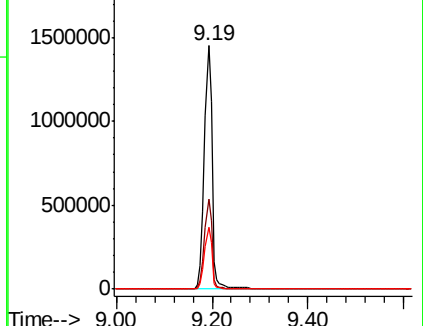
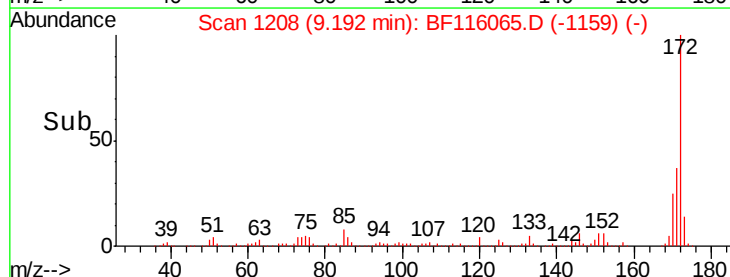
170 25.4 20.1 30.1

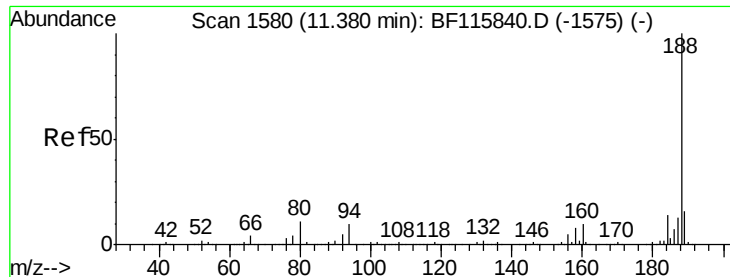


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

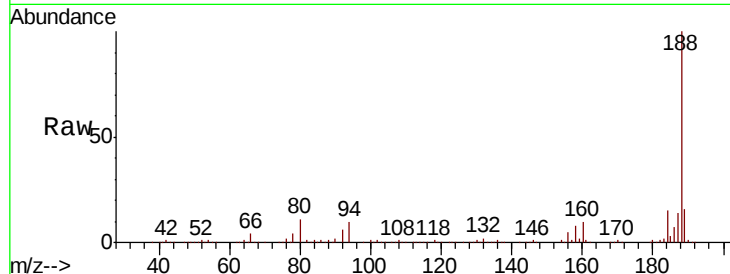




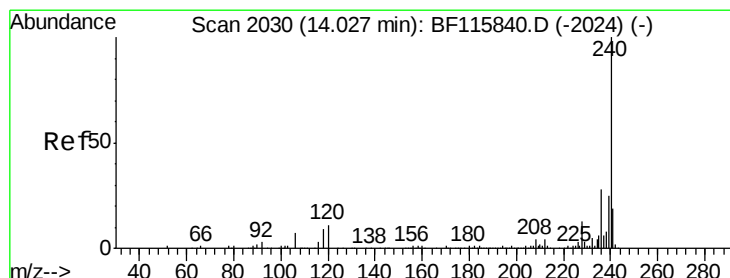
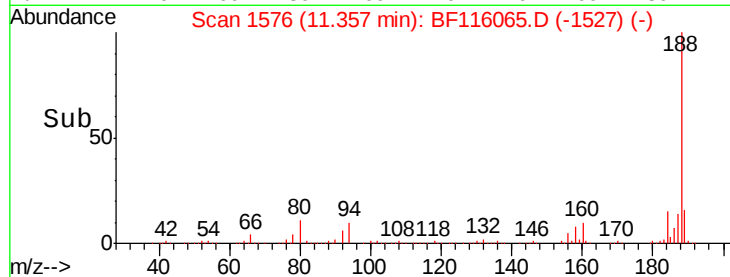
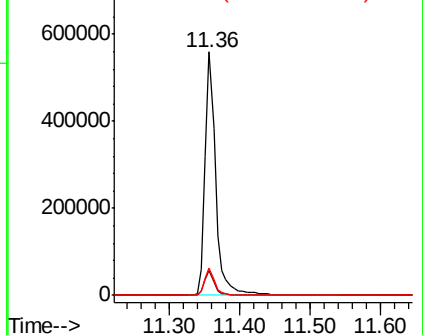
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116065.D
Acq: 8 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
PB122055BL

Tot Ion:188 Resp: 585039
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.0 8.7 13.1

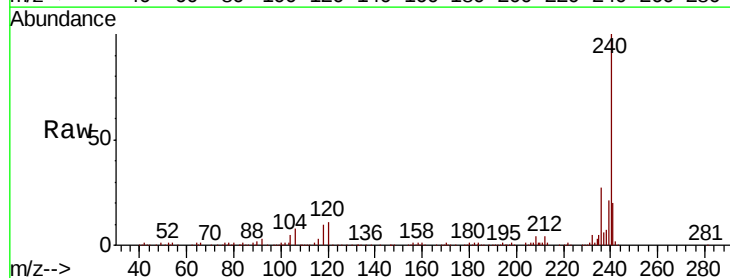


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

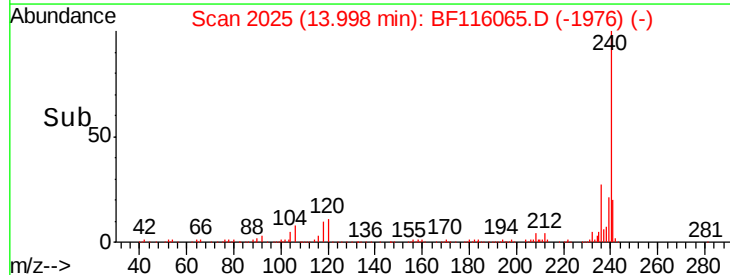
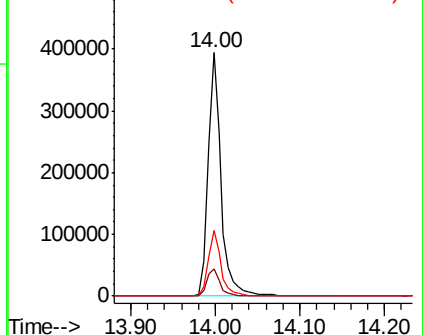


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116065.D
Acq: 8 Aug 2019 13:30

Tgt Ion:240 Resp: 420825
Ion Ratio Lower Upper
240 100
120 11.3 10.7 16.1
236 27.0 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: 91.869 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

Instrument :

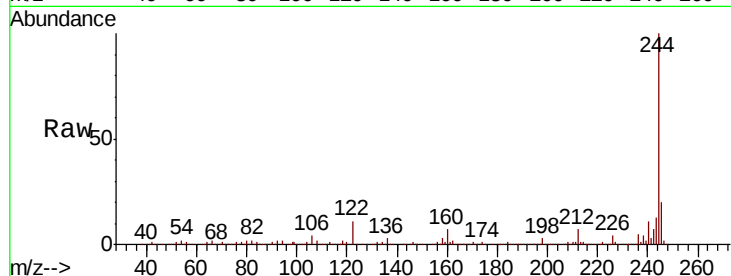
BNA_F

ClientSampleId :

PB122055BL

Tot Ion:244 Resp: 1834729

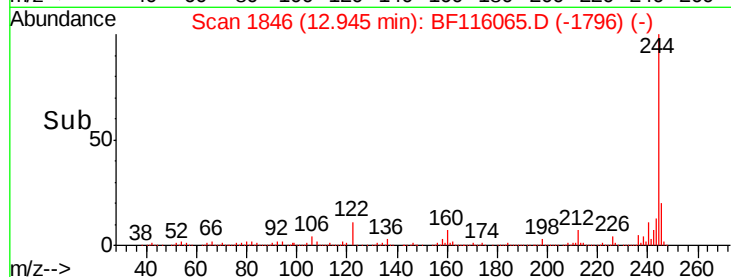
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	10.6	9.0	13.4



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: 15.46 min Scan# 2274

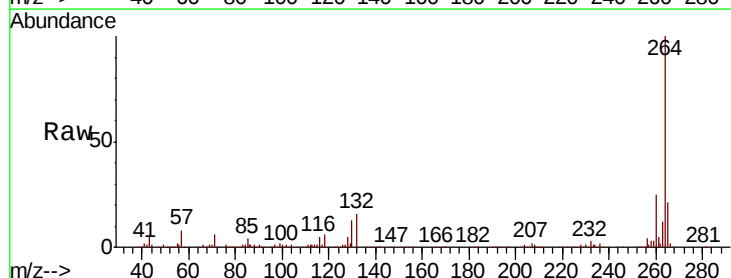
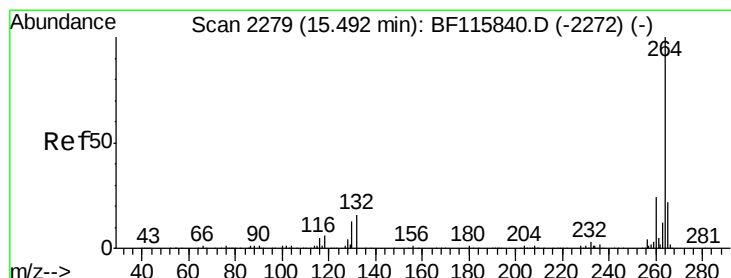
Delta R.T. -0.01 min

Lab File: BF116065.D

Acq: 8 Aug 2019 13:30

Tgt Ion:264 Resp: 382621

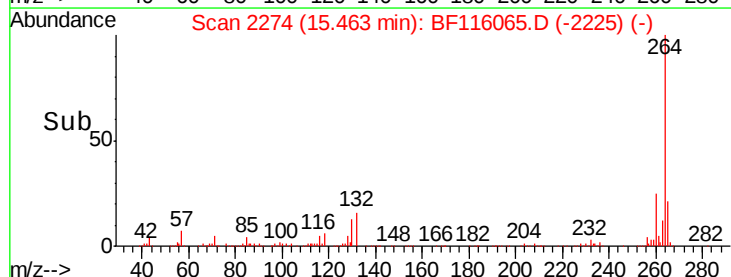
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.7	29.5
265	21.3	17.4	26.0



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



Time-->