

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116816.D
 Acq On : 4 Sep 2019 15:32
 Operator : HP/JU
 Sample : K4625-02 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-01

Quant Time: Sep 05 03:42:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	71229	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	302195	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	152630	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	227116	20.00	ng	0.00
76) Chrysene-d12	13.99	240	162216	20.00	ng	0.00
87) Perylene-d12	15.45	264	150085	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	88960	20.23	ng	0.00
7) Phenol-d6	6.47	99	124305	21.53	ng	-0.01
23) Nitrobenzene-d5	7.40	82	73644	13.91	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	22203	21.76	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	137415	15.19	ng	-0.01
79) Terphenyl-d14	12.94	244	102601	11.70	ng	-0.01

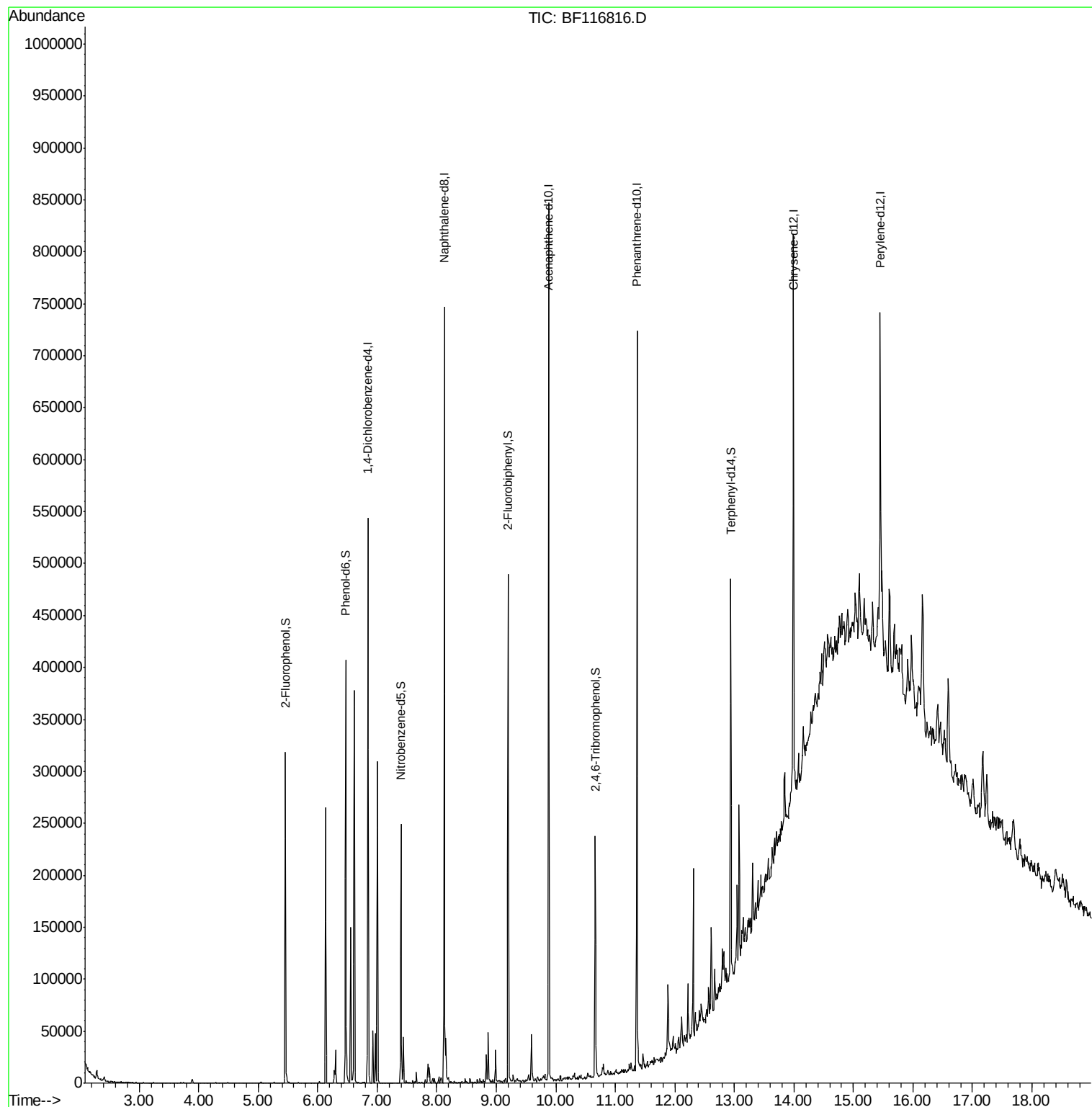
Target Compounds Qvalue

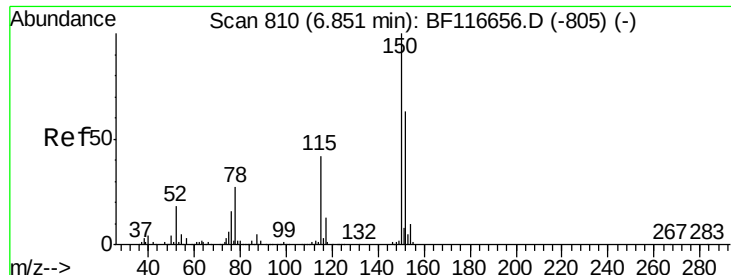
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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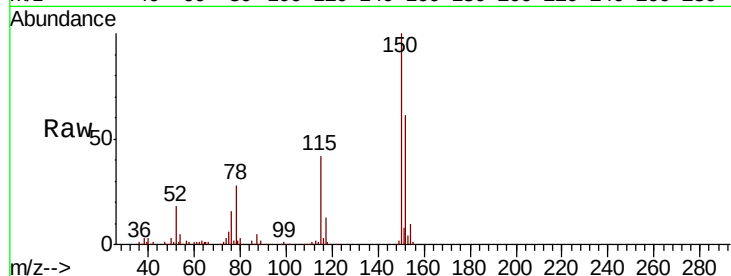


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion	152	Resp	71229
Ion Ratio	100	Lower	Upper
150	163.0	124.4	186.6
115	68.2	49.9	74.9

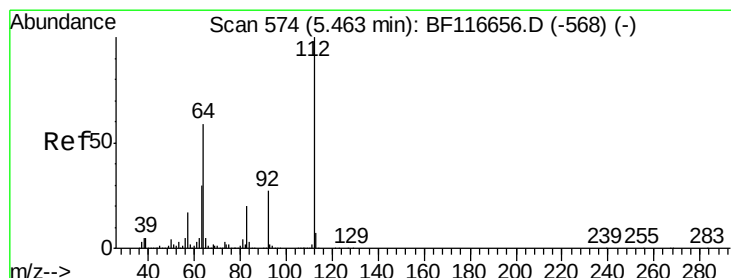
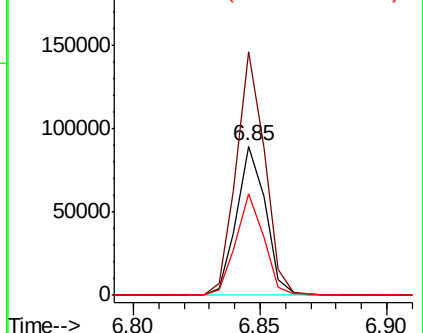
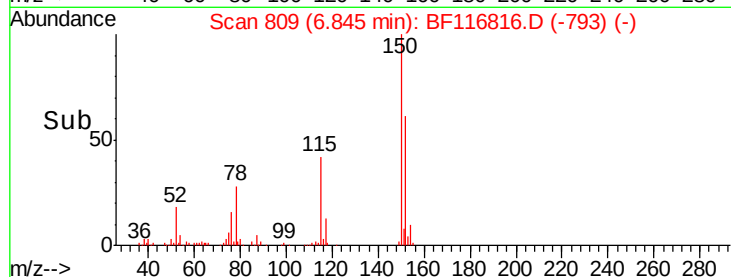


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

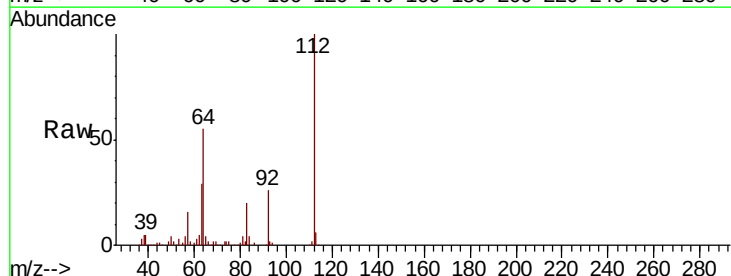
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 20.233 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion	112	Resp	88960
Ion Ratio	100	Lower	Upper
64	55.0	47.1	70.7
63	28.7	24.9	37.3

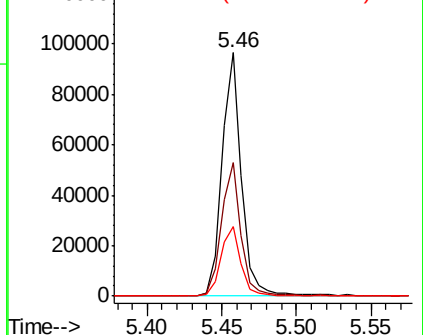
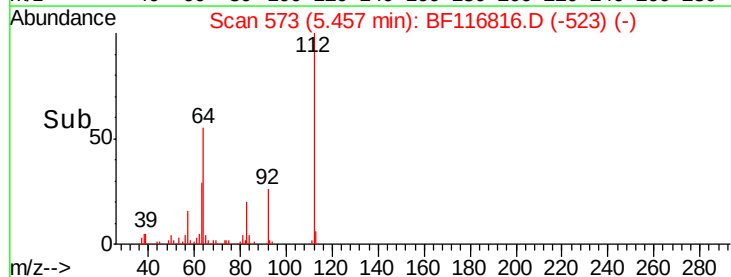


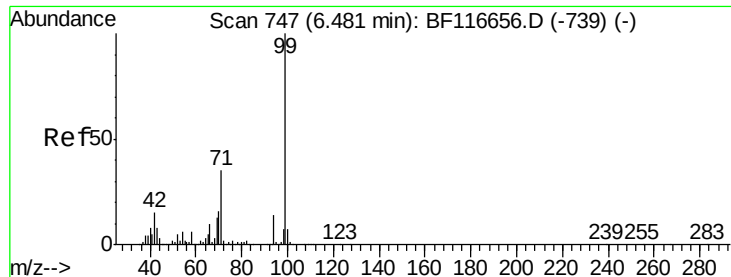
Abundance

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: 21.531 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Instrument :

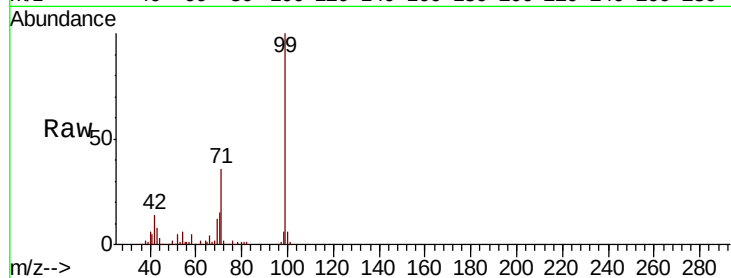
BNA_F

ClientSampleId :

HF-01

Tot Ion: 99 Resp: 124305

Ion	Ratio	Lower	Upper
99	100		
42	14.3	13.7	20.5
71	35.7	30.8	46.2

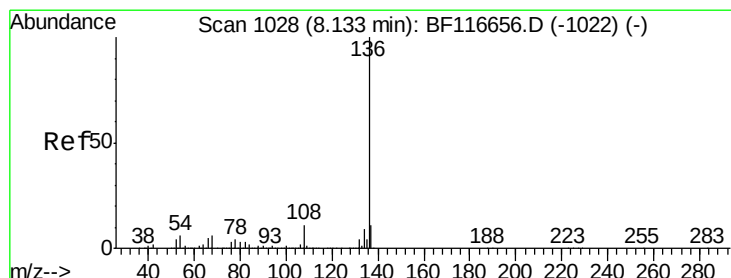
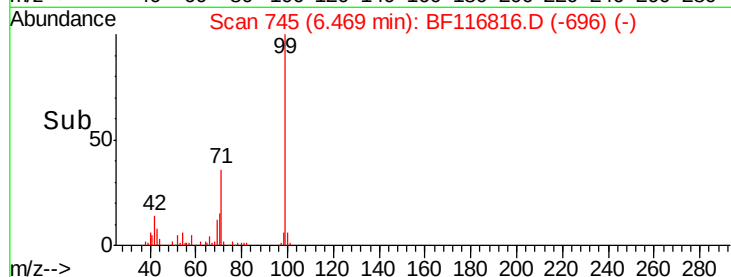
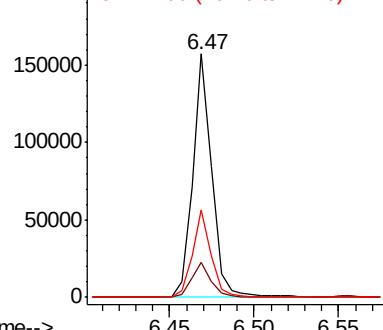


Abundance

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: 8.13 min Scan# 1027

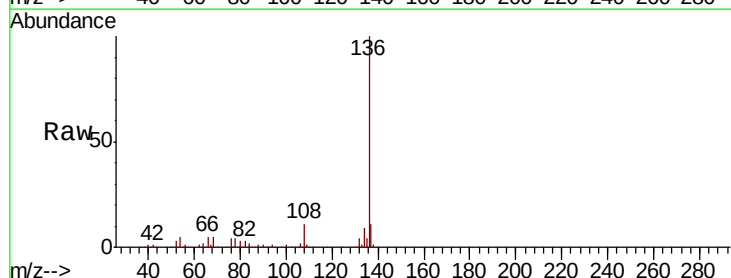
Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Tgt Ion: 136 Resp: 302195

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	5.5	4.8	7.2
68	4.6	4.0	6.0



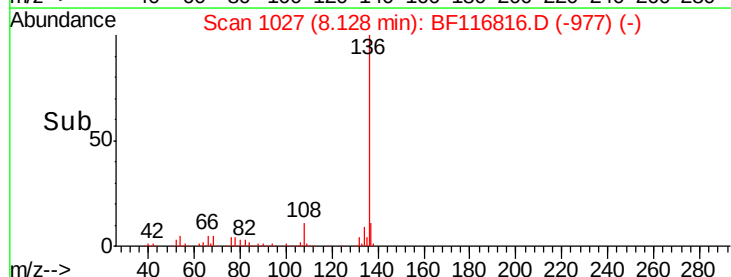
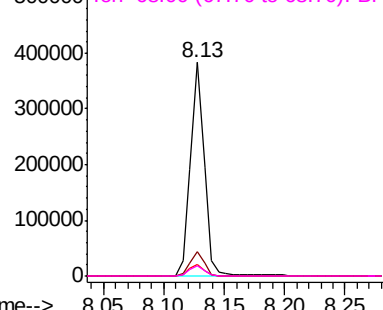
Abundance

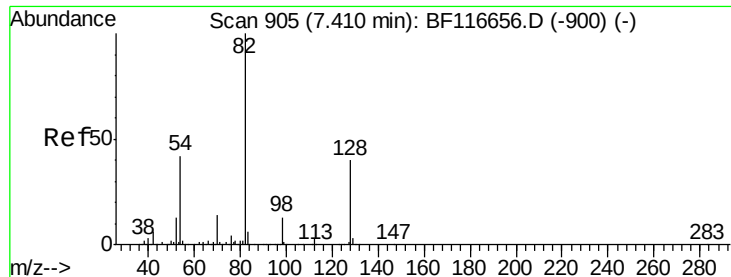
Ion 136.00 (135.70 to 136.70): E

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

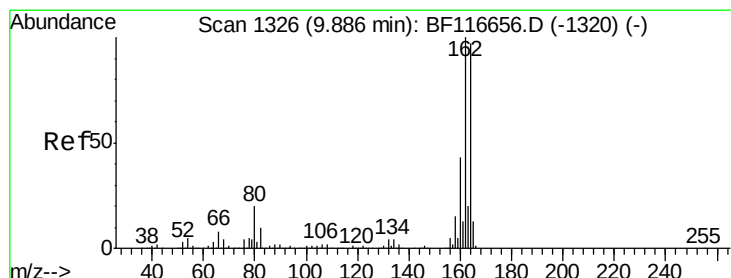
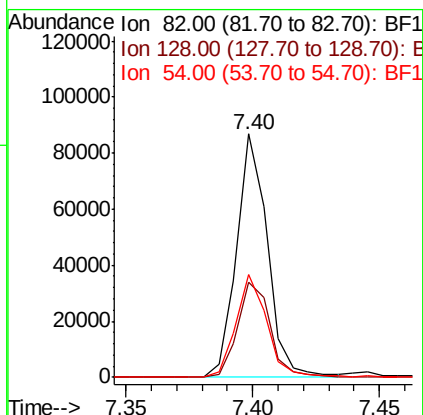
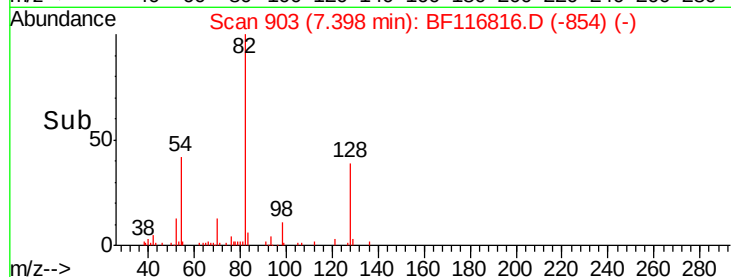
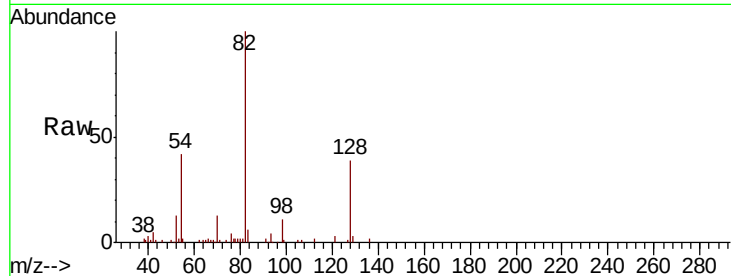




#23
 Nitrobenzene-d5
 Concen: 13.912 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BF116816.D
 Acq: 4 Sep 2019 15:32

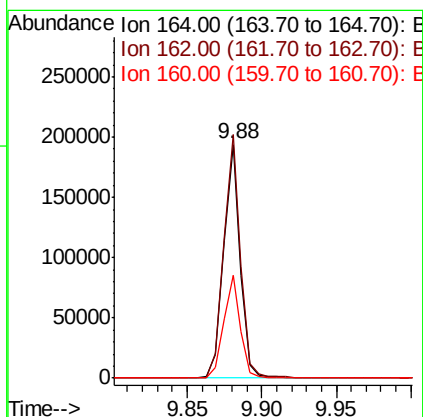
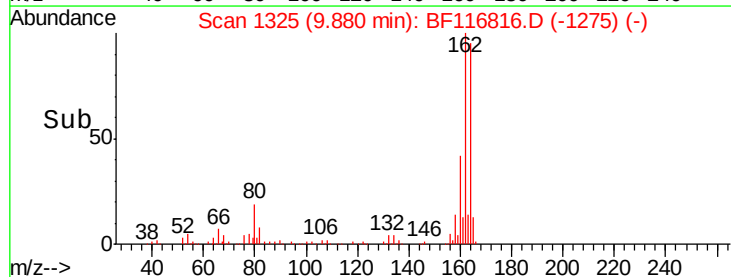
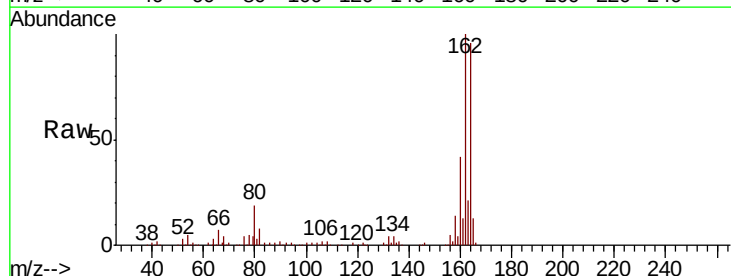
Instrument :
 BNA_F
 ClientSampled :
 HF-01

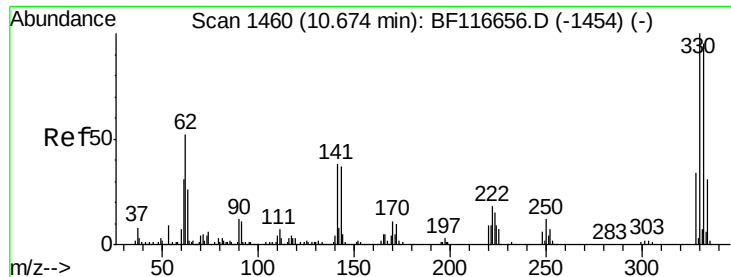
Tot Ion	82	Resp	73644
Ion Ratio	100	Lower	Upper
128	39.1	32.8	49.2
54	42.3	36.9	55.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF116816.D
 Acq: 4 Sep 2019 15:32

Tgt Ion	164	Resp	152630
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.2	81.4	122.0
160	44.1	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 21.760 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Instrument :

BNA_F

ClientSampleId :

HF-01

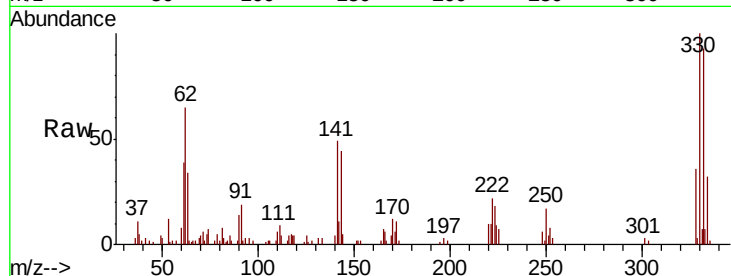
Tot Ion:330 Resp: 22203

Ion Ratio Lower Upper

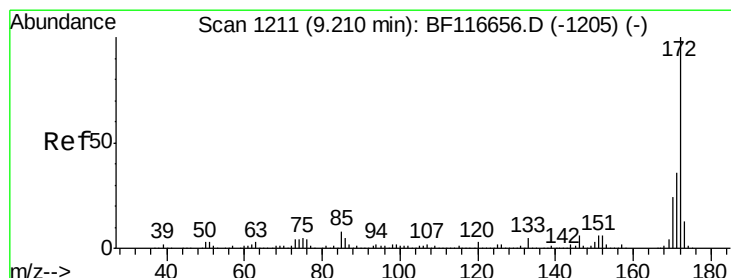
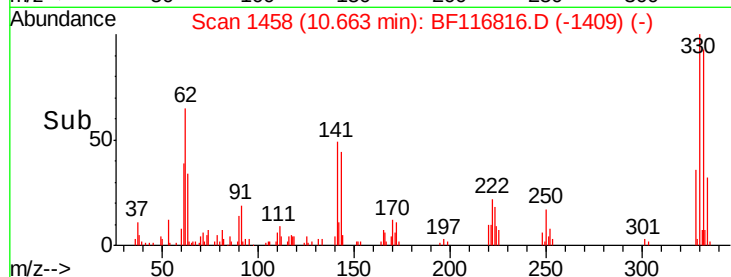
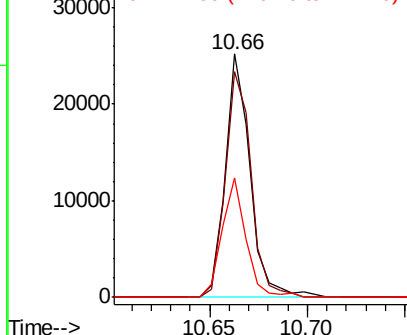
330 100

332 96.1 76.9 115.3

141 47.4 31.4 47.2#



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: 15.187 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

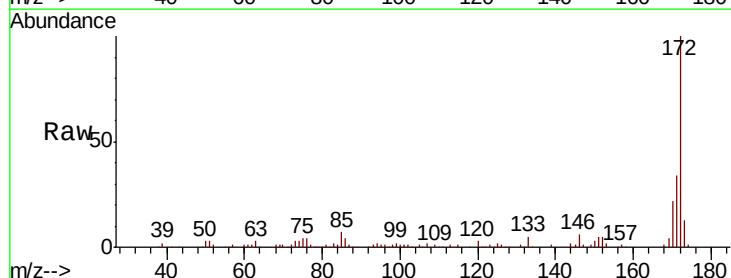
Tgt Ion:172 Resp: 137415

Ion Ratio Lower Upper

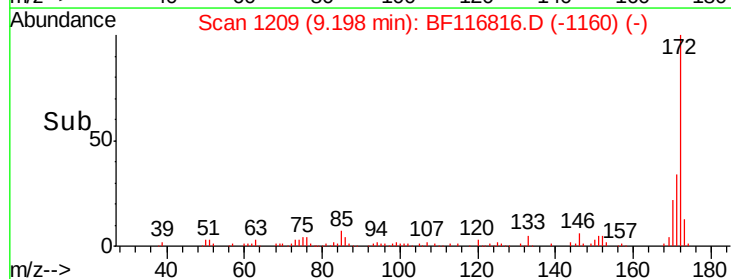
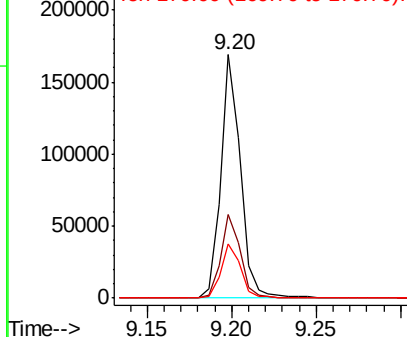
172 100

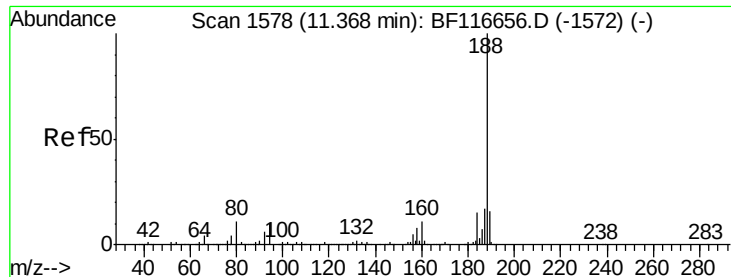
171 34.3 27.8 41.6

170 22.2 18.9 28.3



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

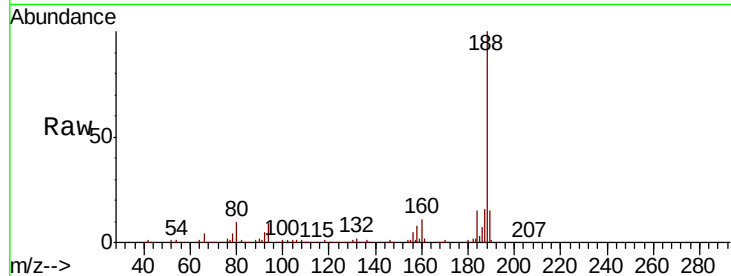




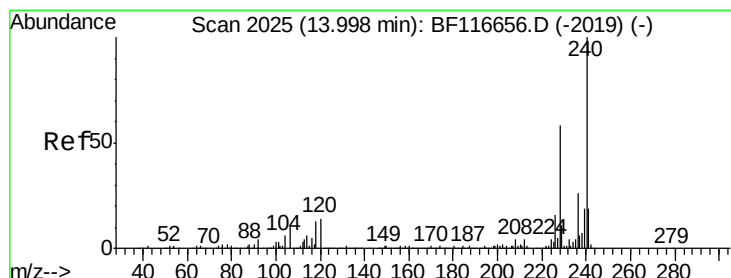
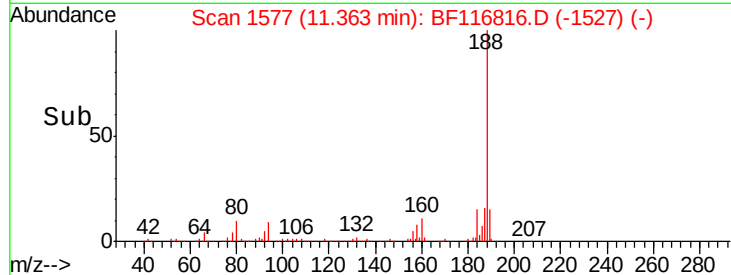
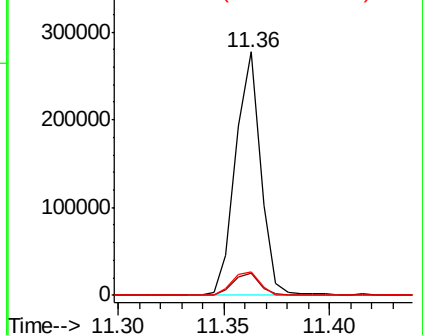
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Instrument :
BNA_F
ClientSampleId :
HF-01

Tot Ion:188 Resp: 227116
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.8 8.4 12.6

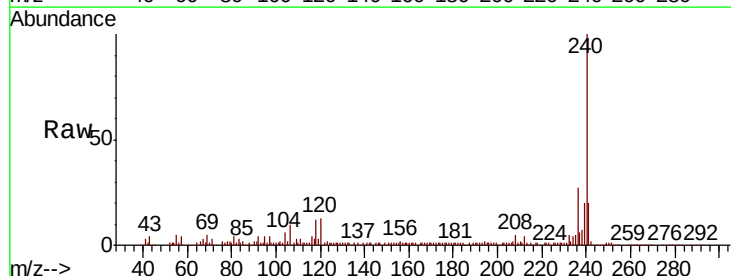


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

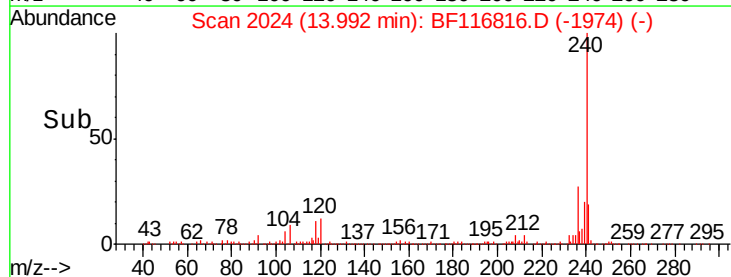
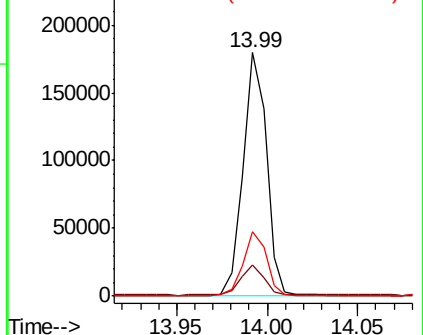


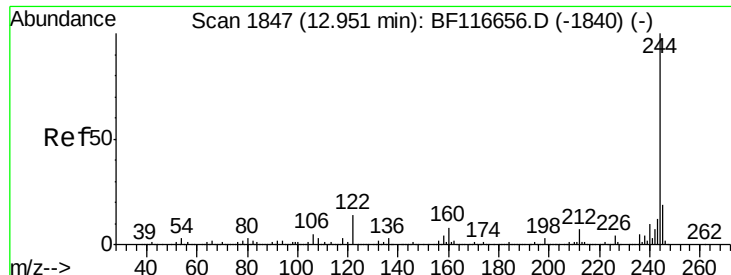
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF116816.D
Acq: 4 Sep 2019 15:32

Tgt Ion:240 Resp: 162216
Ion Ratio Lower Upper
240 100
120 12.7 9.1 13.7
236 26.7 21.1 31.7



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: 11.701 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

Instrument :

BNA_F

ClientSampleId :

HF-01

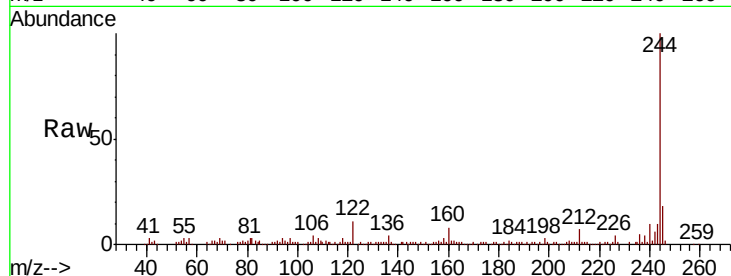
Tot Ion:244 Resp: 102601

Ion Ratio Lower Upper

244 100

212 6.9 6.1 9.1

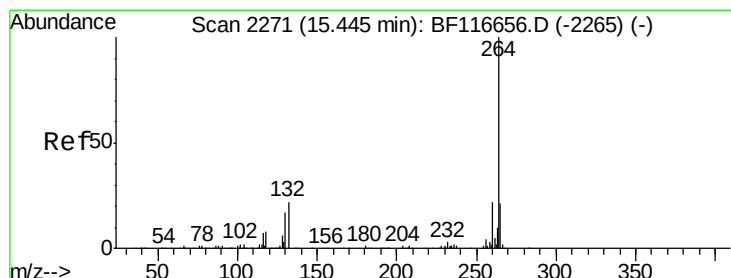
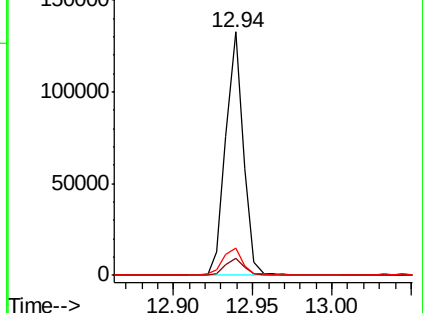
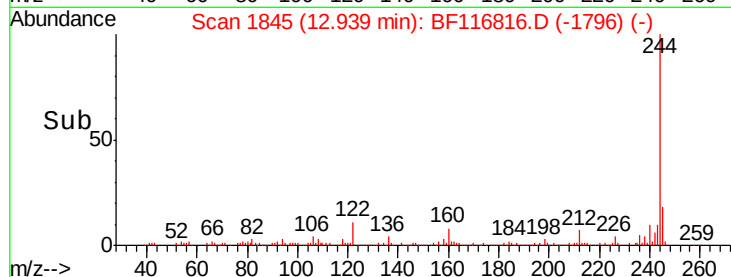
122 11.1 10.2 15.4



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: 15.45 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF116816.D

Acq: 4 Sep 2019 15:32

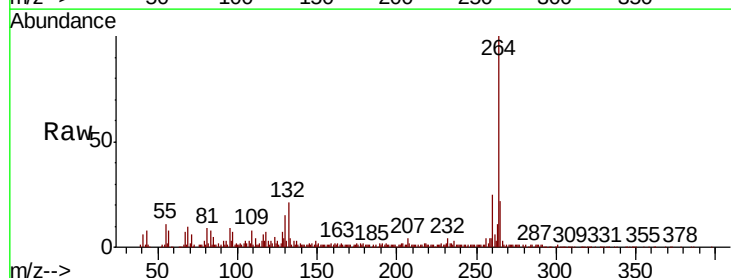
Tgt Ion:264 Resp: 150085

Ion Ratio Lower Upper

264 100

260 24.8 18.3 27.5

265 22.1 16.5 24.7



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

