

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116206.D
 Acq On : 12 Aug 2019 23:14
 Operator : HP/JU
 Sample : K4152-21
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Quant Time: Aug 13 01:55:22 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	116205	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	458493	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	246113	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	472423	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	384325	20.00	ng	-0.01
87) Perylene-d12	15.46	264	364896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	821529	118.35	ng	0.00
7) Phenol-d6	6.47	99	963848	110.05	ng	-0.01
23) Nitrobenzene-d5	7.40	82	747475	94.11	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	343503	143.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1255110	95.52	ng	-0.02
79) Terphenyl-d14	12.94	244	1664488	91.26	ng	-0.01

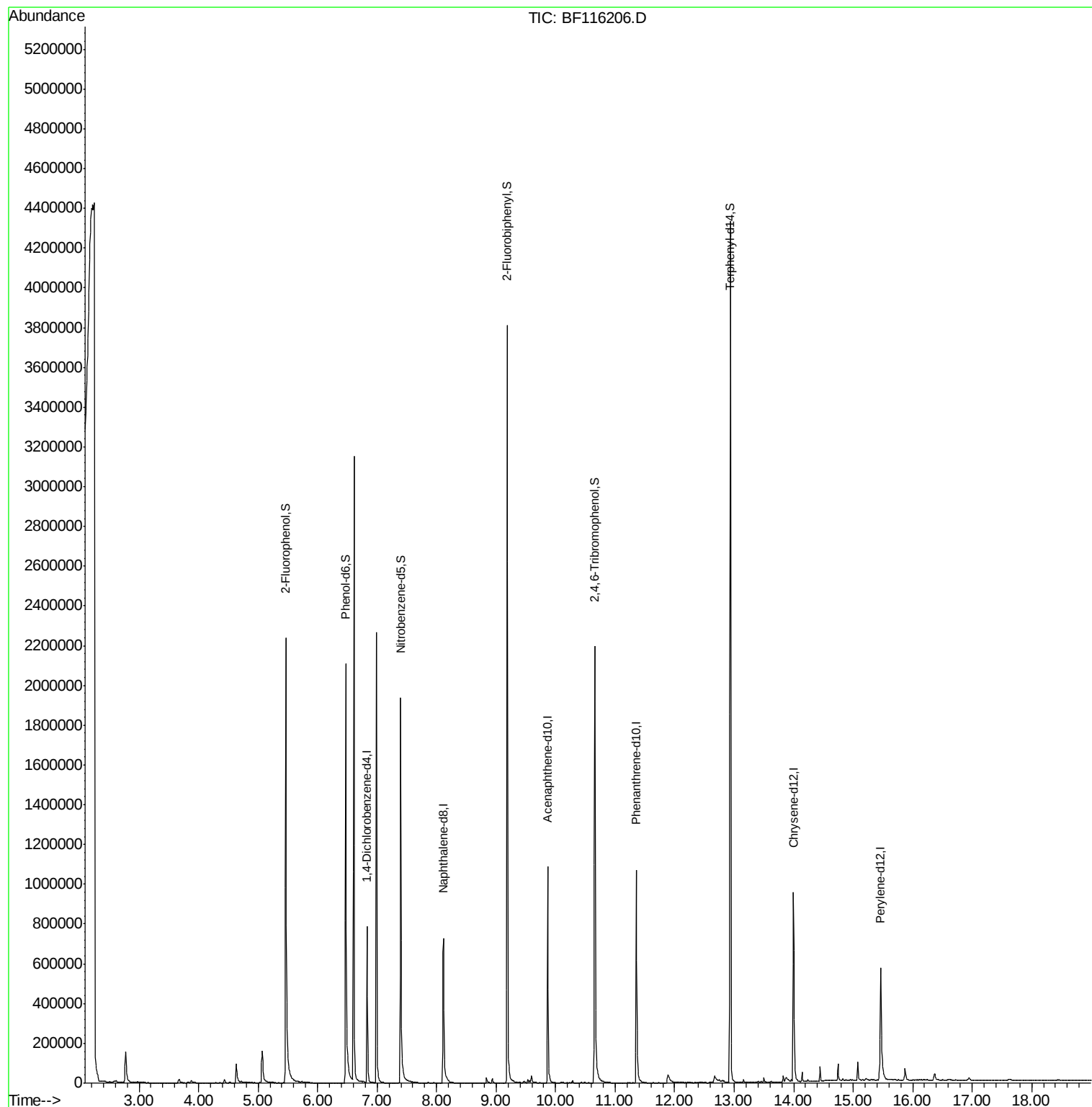
Target Compounds Qvalue

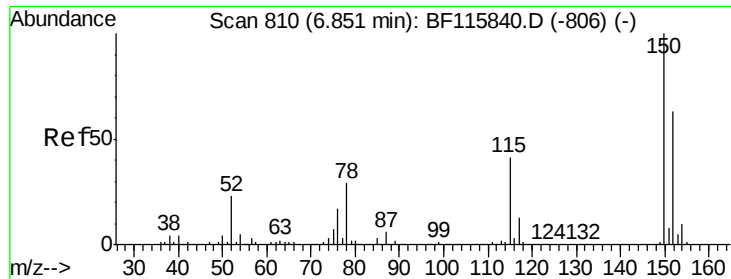
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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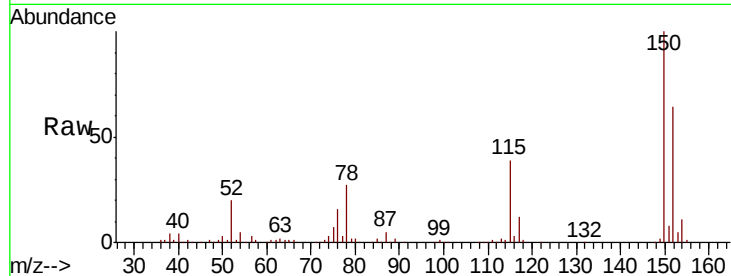


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	61.7	49.9	74.9

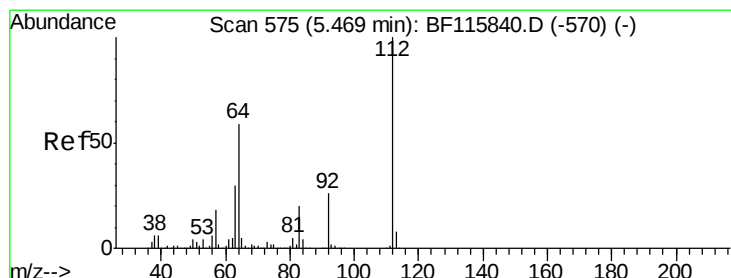
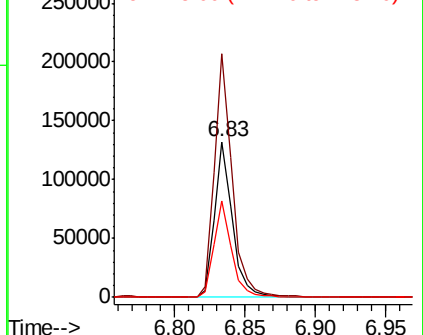
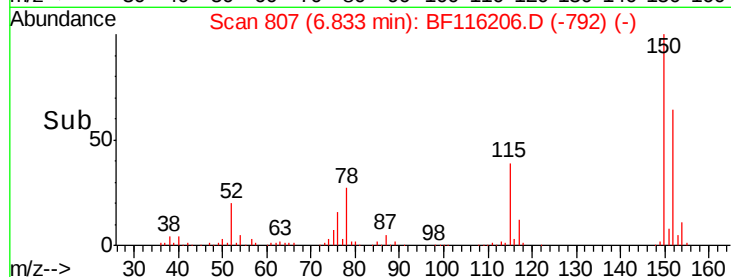


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

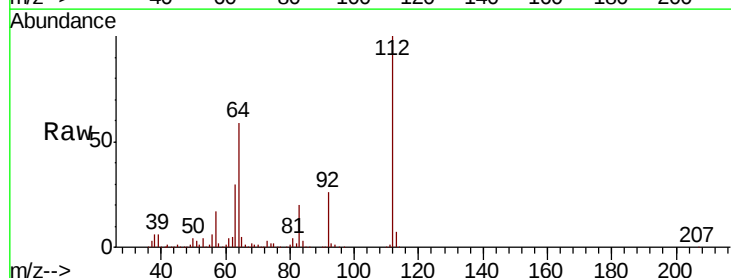
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 118.350 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.4	68.2
63	30.4	23.7	35.5

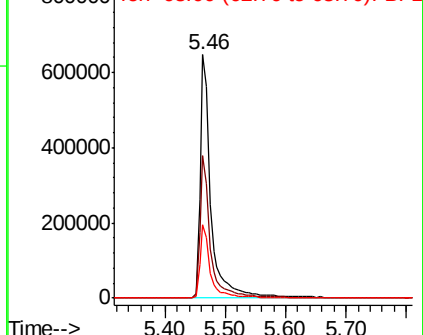
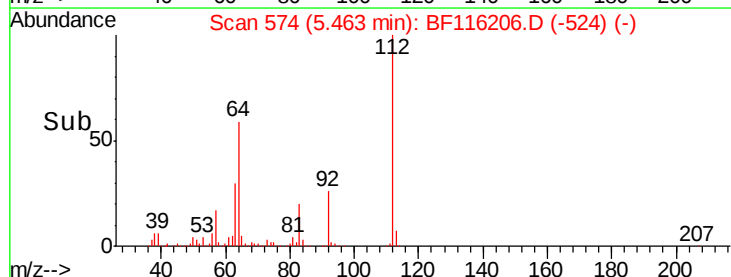


Abundance

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: 110.054 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116206.D

Acq: 12 Aug 2019 23:14

Instrument :

BNA_F

ClientSampleId :

2S-H1-H4-COMP-(0-1)

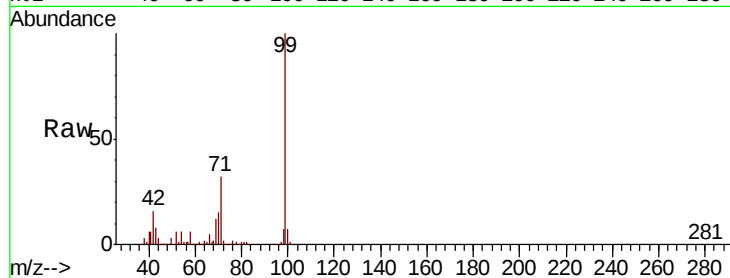
Tot Ion: 99 Resp: 963848

Ion Ratio Lower Upper

99 100

42 15.5 13.8 20.8

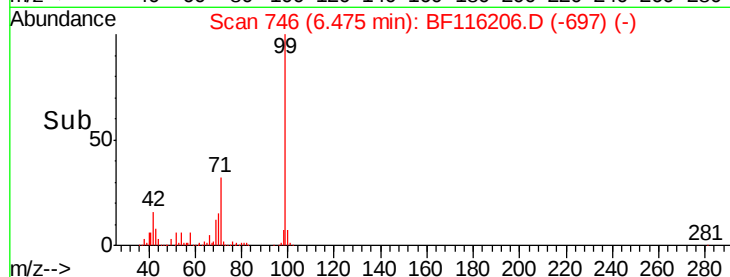
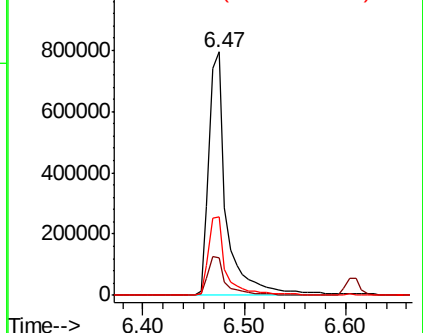
71 32.5 27.3 40.9



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: BF116206.D

Acq: 12 Aug 2019 23:14

Tgt Ion: 136 Resp: 458493

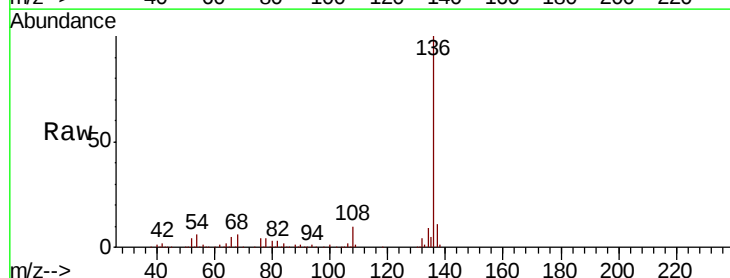
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.4 5.8 8.6

68 5.9 5.2 7.8

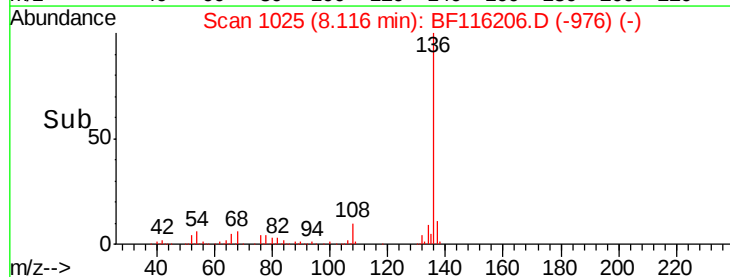
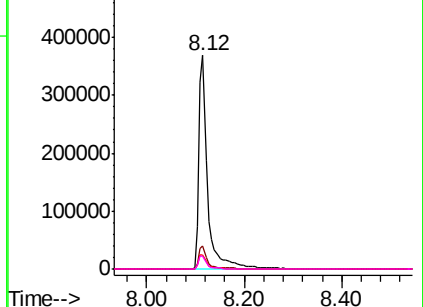


Abundance Ion 136.00 (135.70 to 136.70): E

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

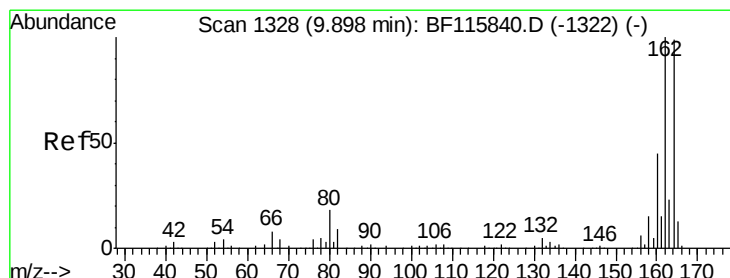
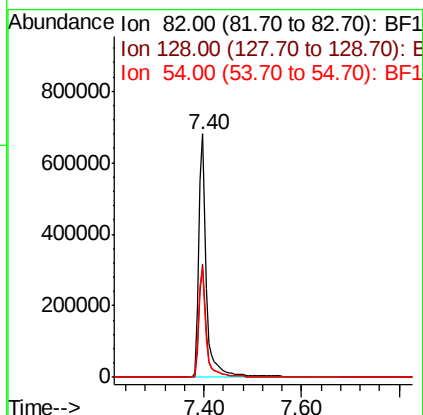
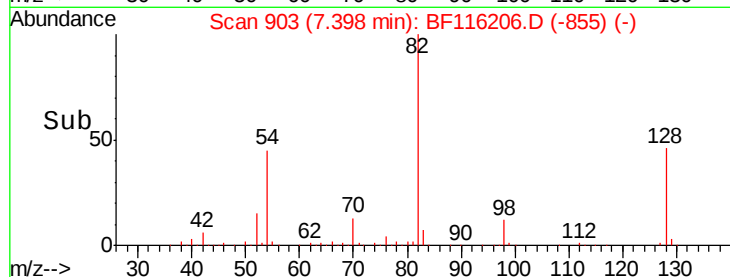
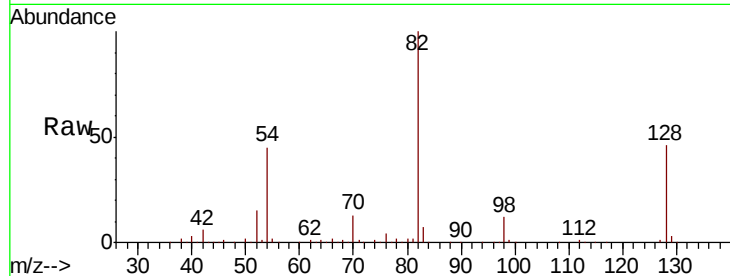




#23
 Nitrobenzene-d5
 Concen: 94.105 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

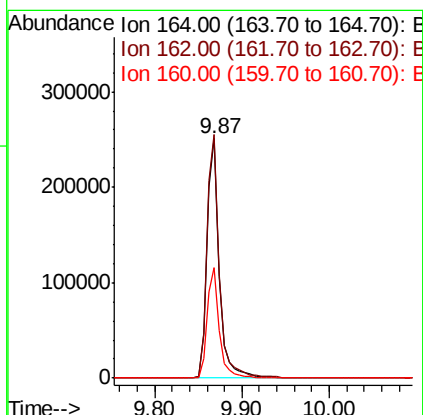
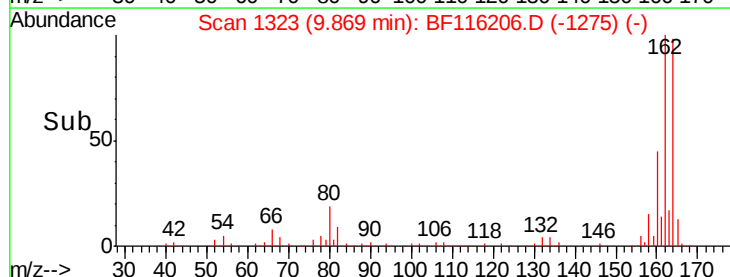
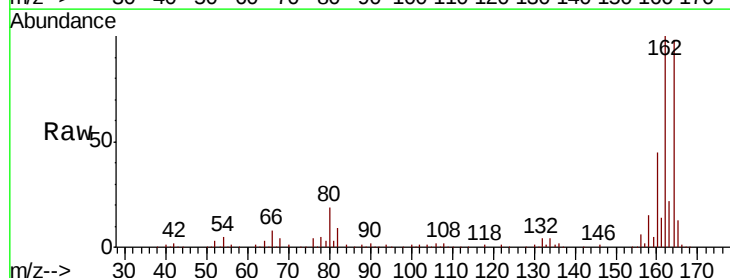
Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Tot Ion: 82 Resp: 747475
 Ion Ratio Lower Upper
 82 100
 128 46.5 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: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion: 164 Resp: 246113
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 124.0
 160 45.9 37.6 56.4

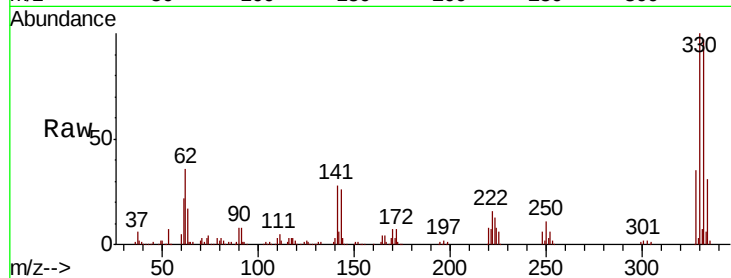




#42
 2,4,6-Tribromophenol
 Concen: 143.958 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.8	115.2
141	34.0	26.3	39.5

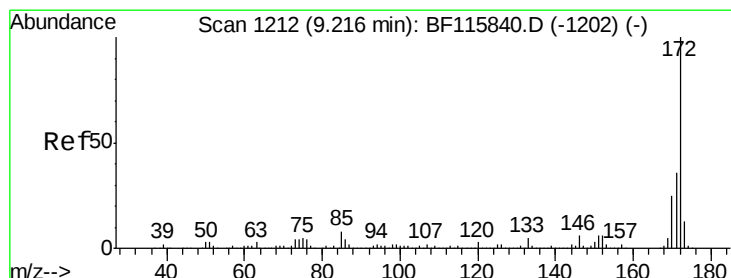
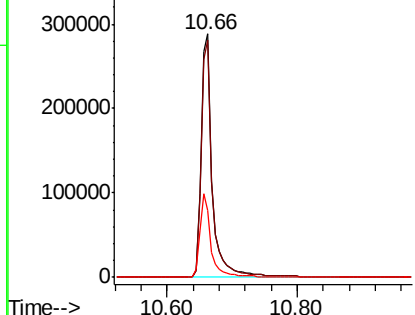
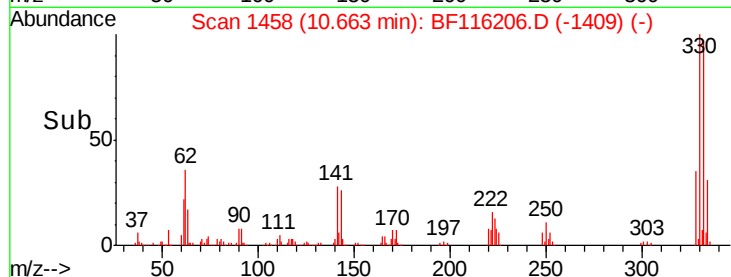


Abundance

Ion 329.80 (329.50 to 330.50): E

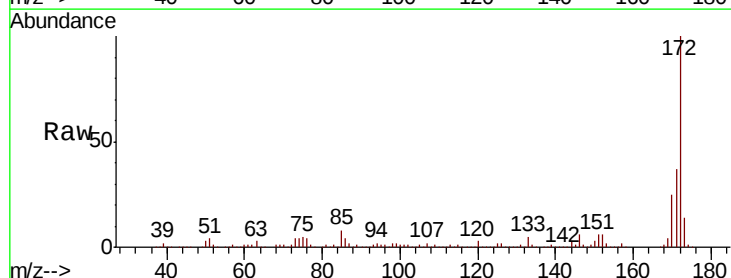
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 95.522 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	25.2	20.1	30.1

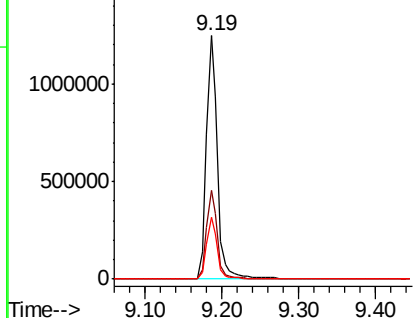
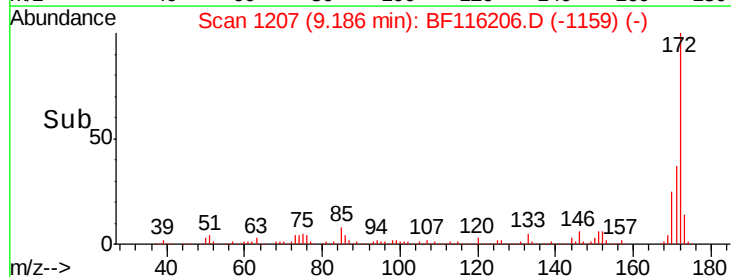


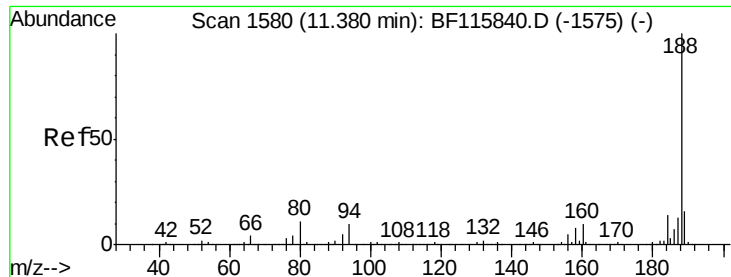
Abundance

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

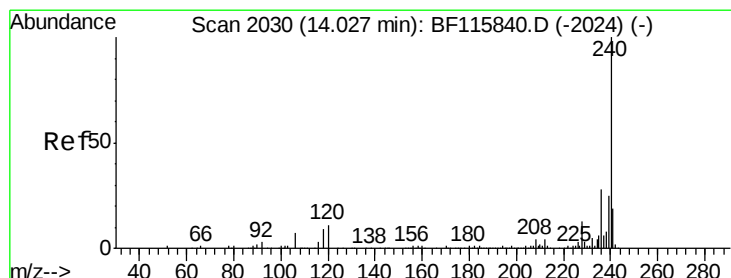
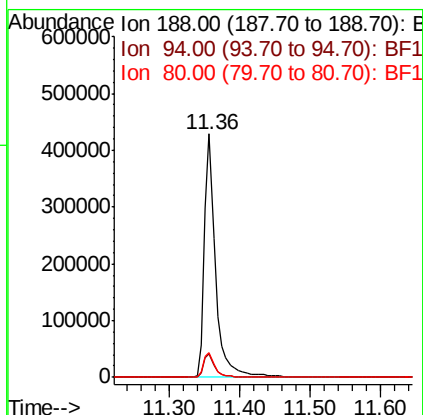
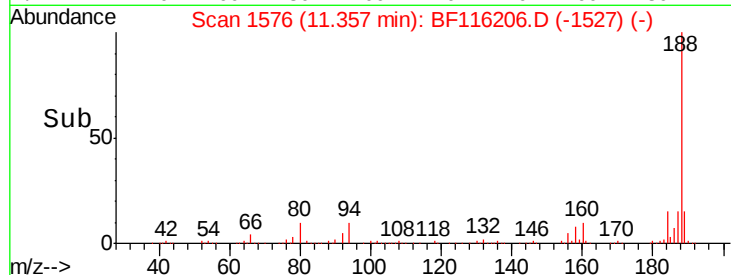
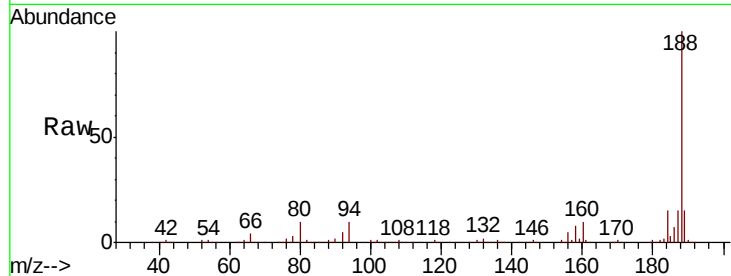




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

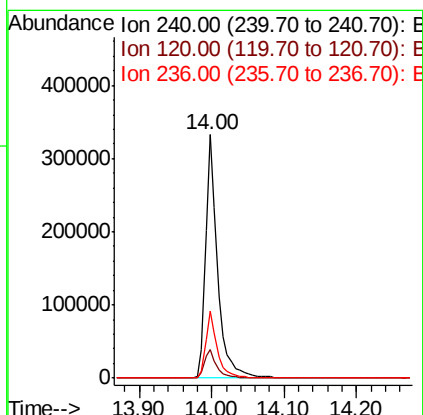
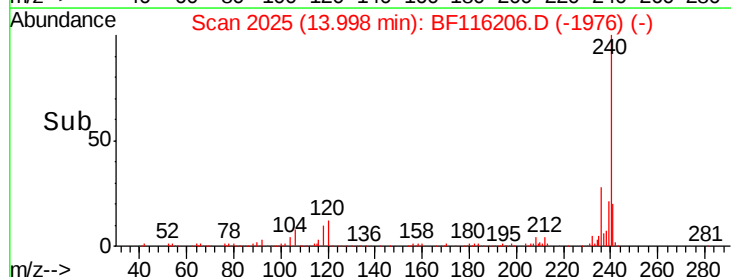
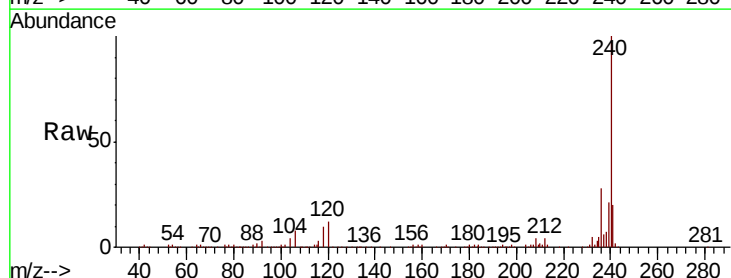
Instrument :
BNA_F
ClientSampleId :
2S-H1-H4-COMP-(0-1)

Tot Ion:188 Resp: 472423
Ion Ratio Lower Upper
188 100
94 9.6 8.1 12.1
80 10.3 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116206.D
Acq: 12 Aug 2019 23:14

Tgt Ion:240 Resp: 384325
Ion Ratio Lower Upper
240 100
120 11.7 10.7 16.1
236 27.5 22.2 33.2



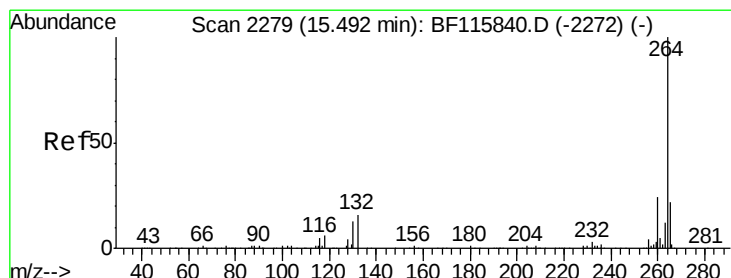
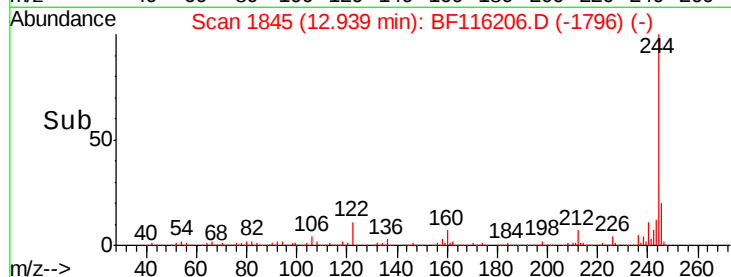
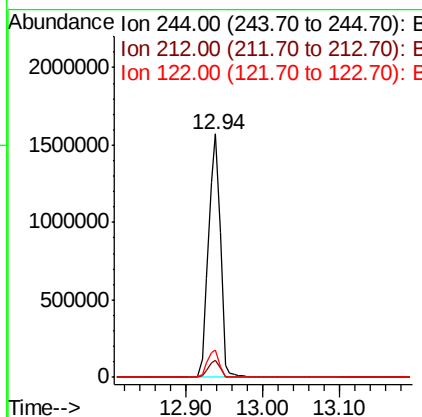
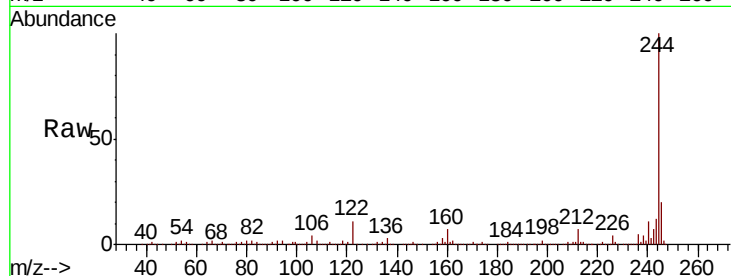


#79
 Terphenyl-d14
 Concen: 91.260 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Instrument :
 BNA_F
 ClientSampleId :
 2S-H1-H4-COMP-(0-1)

Tot Ion:244 Resp: 1664488

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	11.1	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BF116206.D
 Acq: 12 Aug 2019 23:14

Tgt Ion:264 Resp: 364896

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.7	29.5
265	21.7	17.4	26.0

