

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116184.D
 Acq On : 12 Aug 2019 11:44
 Operator : HP/JU
 Sample : PB122156BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

Quant Time: Aug 12 15:15:14 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	132653	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	518799	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	285373	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	529367	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	406046	20.00	ng	-0.01
87) Perylene-d12	15.46	264	376810	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	988683	124.77	ng	0.00
7) Phenol-d6	6.47	99	1312263	131.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	858494	95.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	381690	137.96	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1511454	99.21	ng	-0.02
79) Terphenyl-d14	12.94	244	1813526	94.11	ng	-0.01

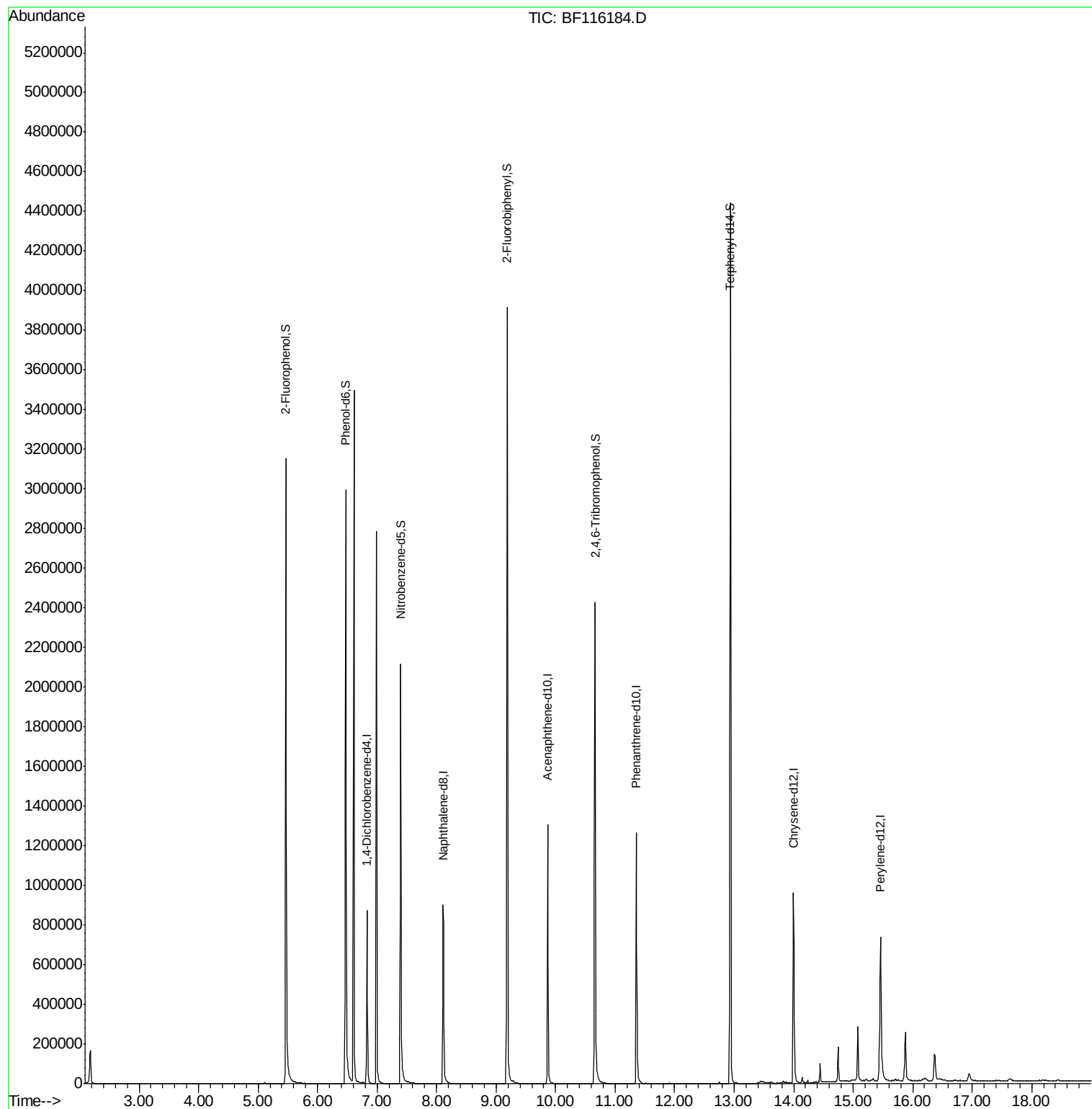
Target Compounds Qvalue

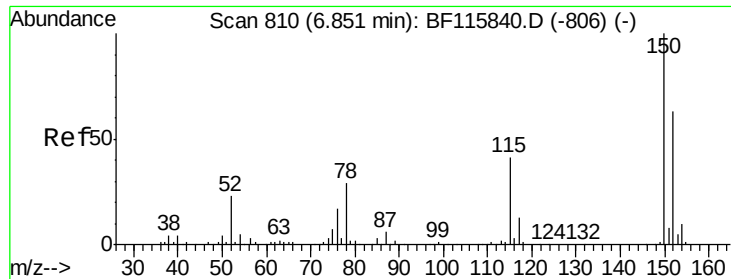
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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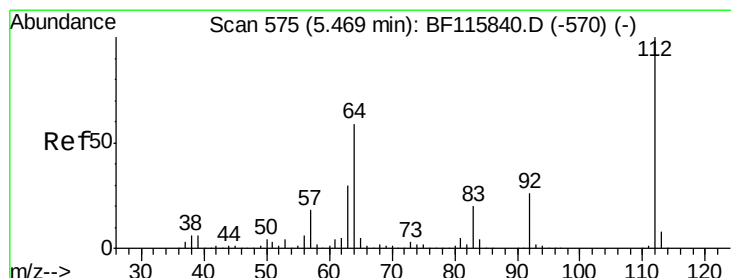
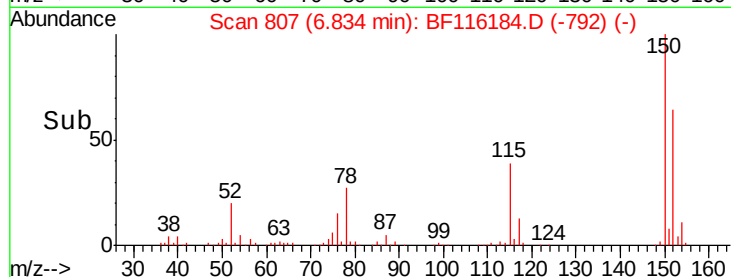
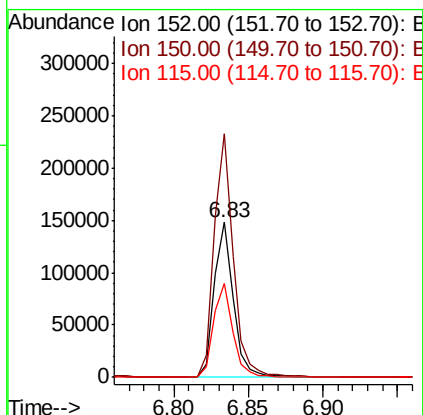
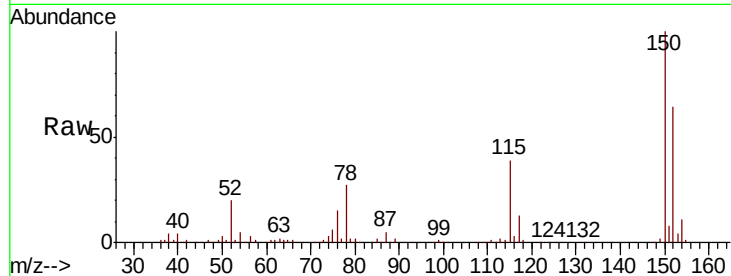


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

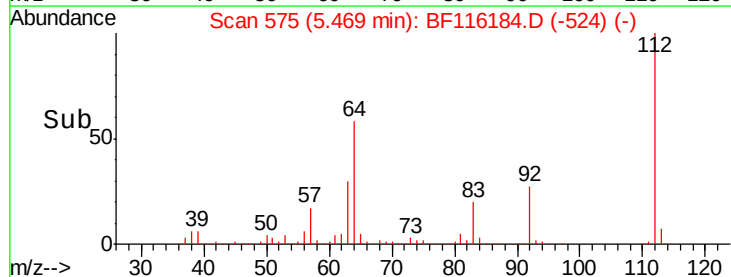
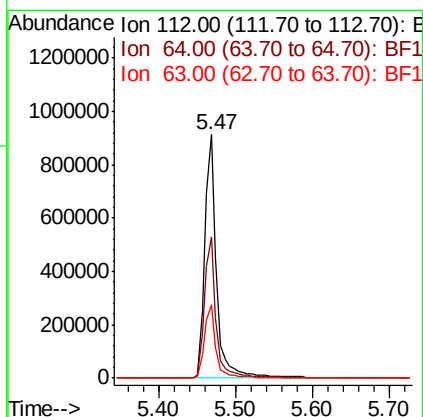
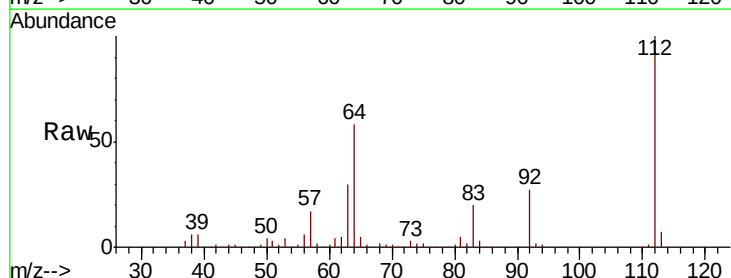
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.2	189.2
115	60.5	49.9	74.9

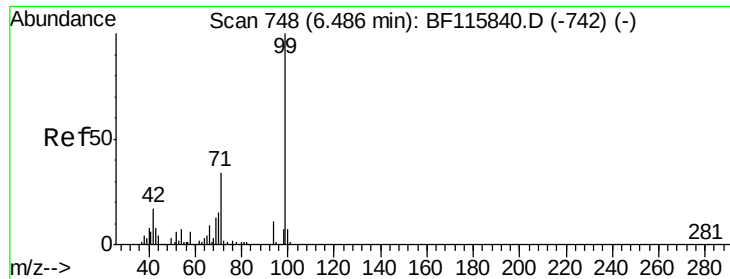


#5

2-Fluorophenol
 Concen: 124.770 ng
 RT: 5.47 min Scan# 575
 Delta R.T. -0.00 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	45.4	68.2
63	30.2	23.7	35.5





#7

Phenol-d6

Concen: 131.258 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Instrument :

BNA_F

ClientSampled :

PB122156BL

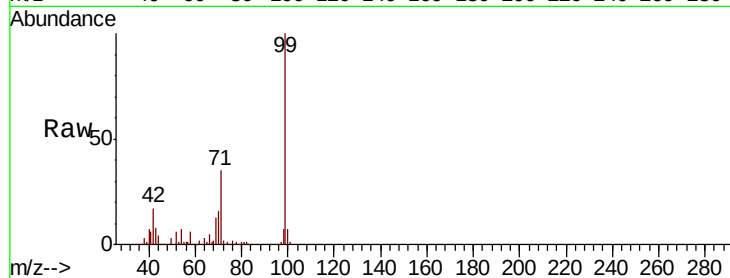
Tot Ion: 99 Resp: 1312263

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

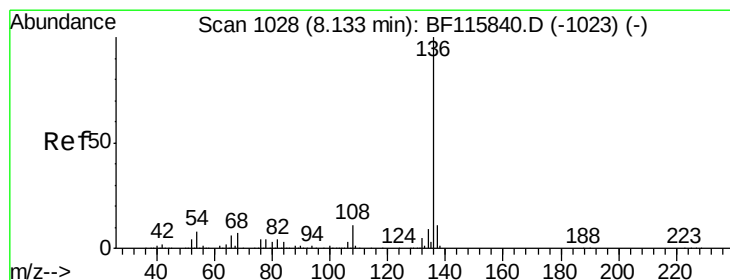
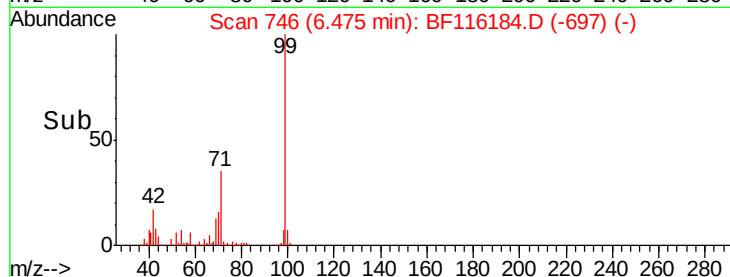
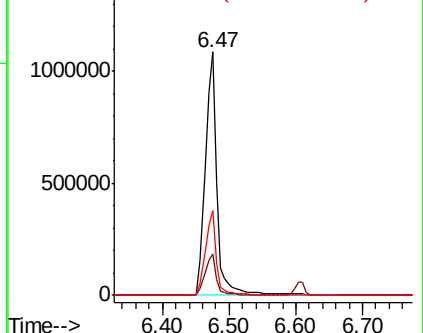
71 34.6 27.3 40.9



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: 8.11 min Scan# 1024

Delta R.T. -0.02 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Tgt Ion: 136 Resp: 518799

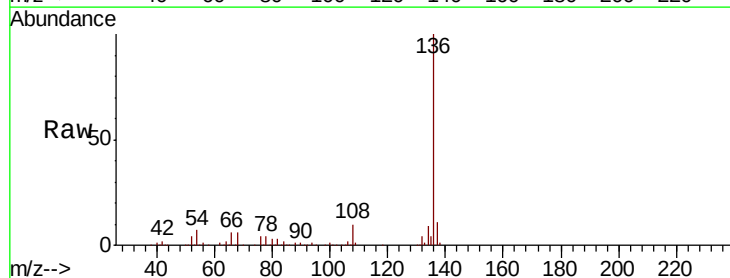
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 7.4 5.8 8.6

68 6.4 5.2 7.8

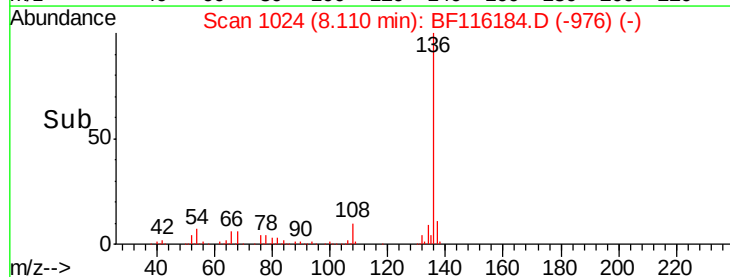
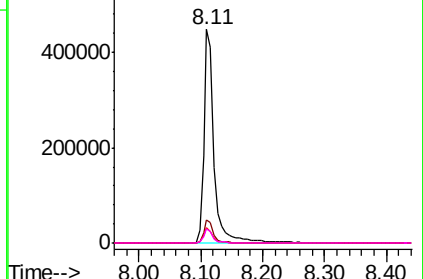


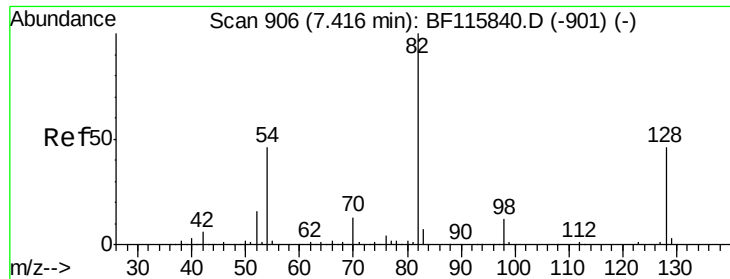
Abundance Ion 136.00 (135.70 to 136.70): E

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

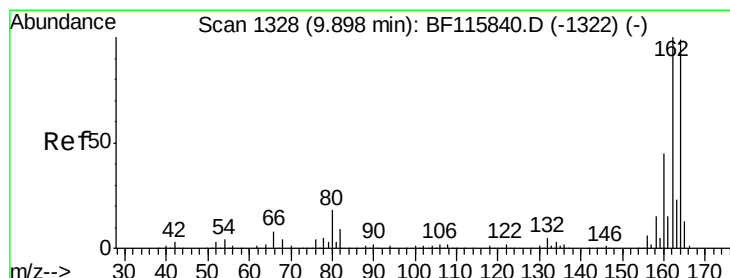
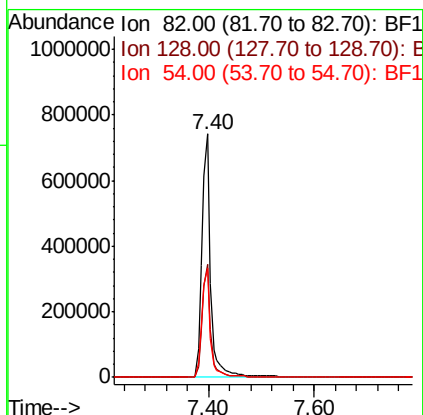
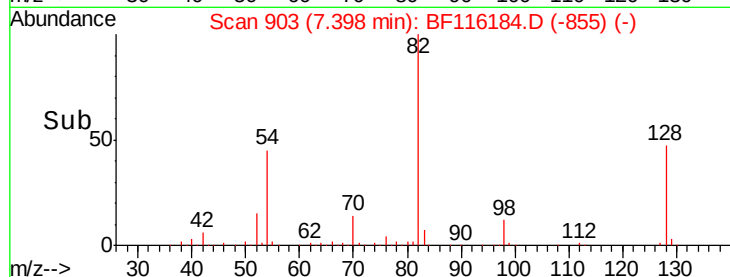
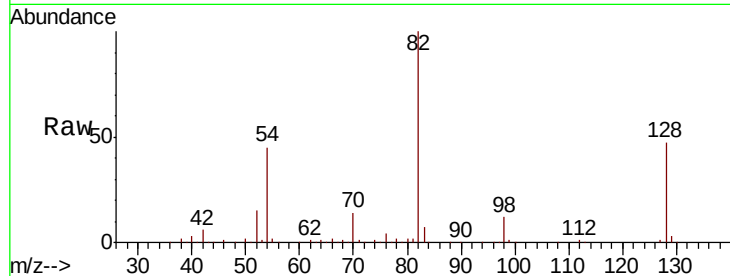




#23
 Nitrobenzene-d5
 Concen: 95.519 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

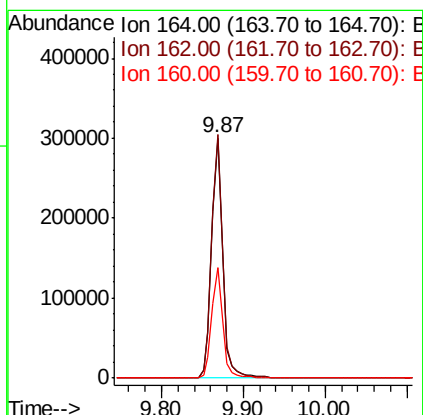
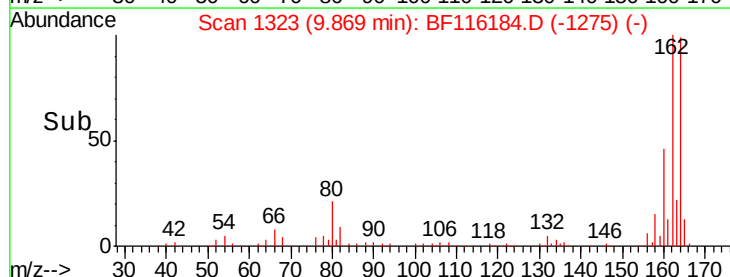
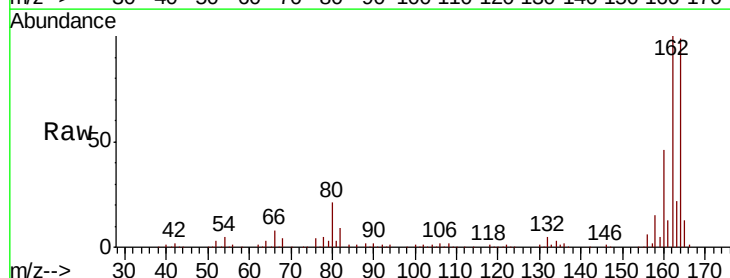
Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

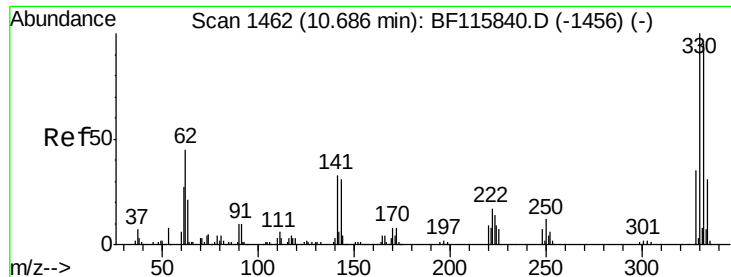
Tot Ion: 82 Resp: 858494
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.5 54.7
 54 45.1 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion: 164 Resp: 285373
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 124.0
 160 46.2 37.6 56.4

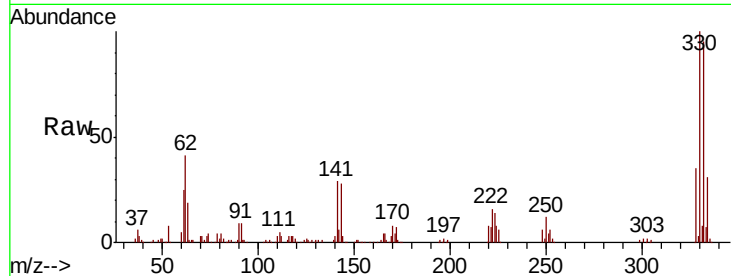




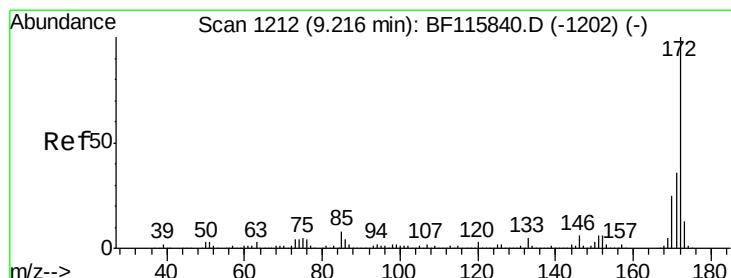
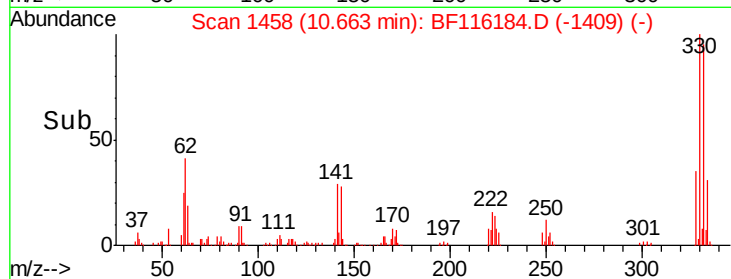
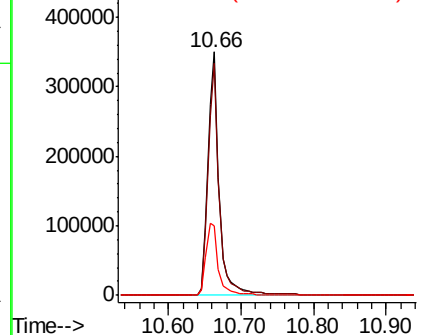
#42
 2,4,6-Tribromophenol
 Concen: 137.955 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 PB122156BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	33.2	26.3	39.5

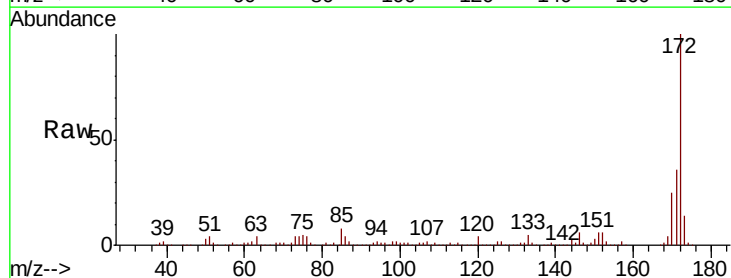


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

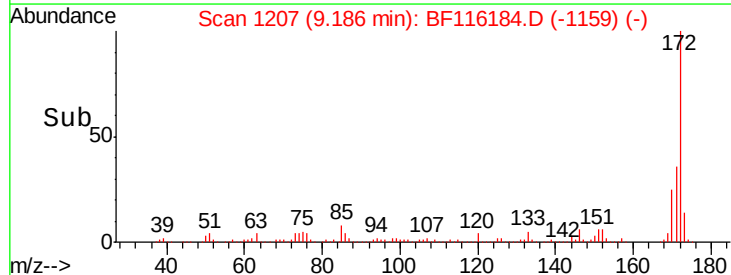
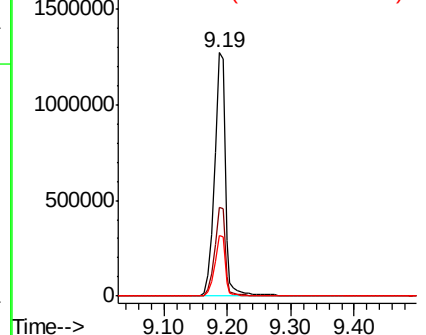


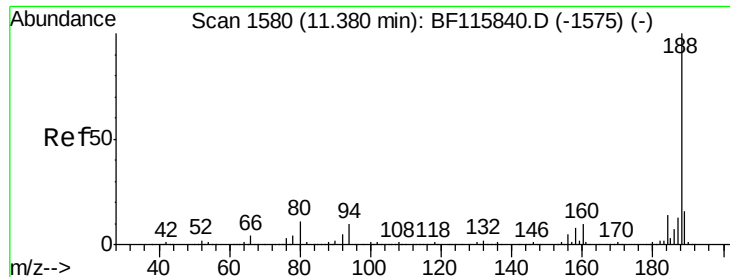
#45
 2-Fluorobiphenyl
 Concen: 99.206 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116184.D
 Acq: 12 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	25.0	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

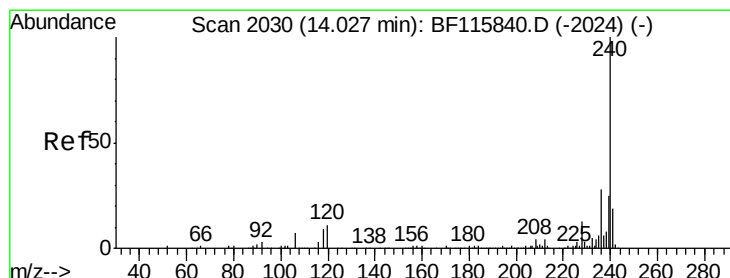
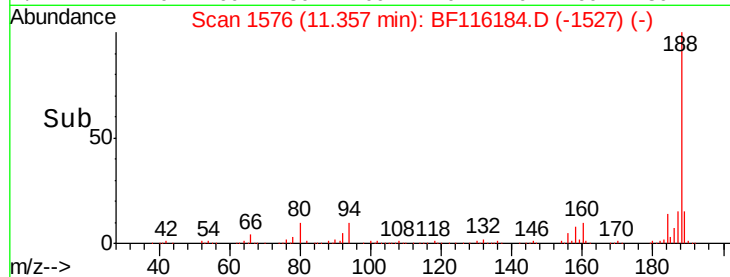
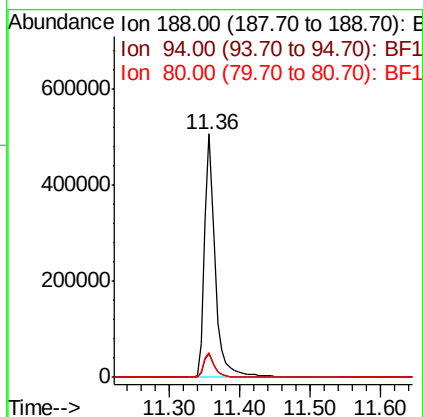
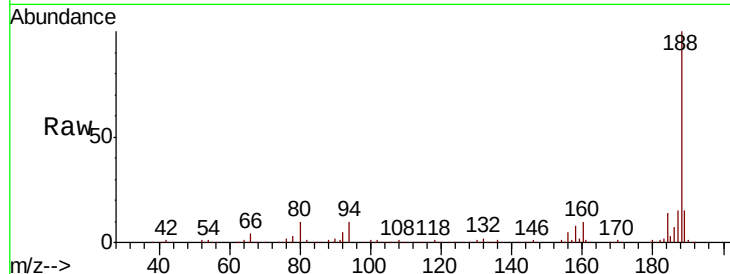




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

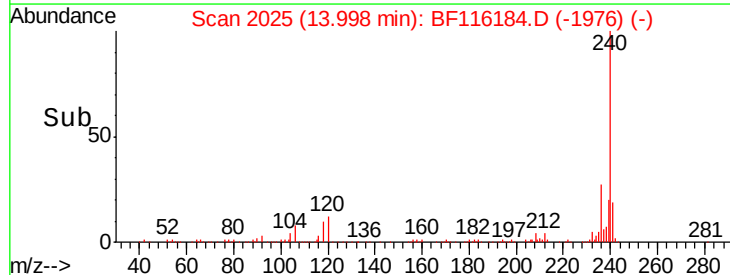
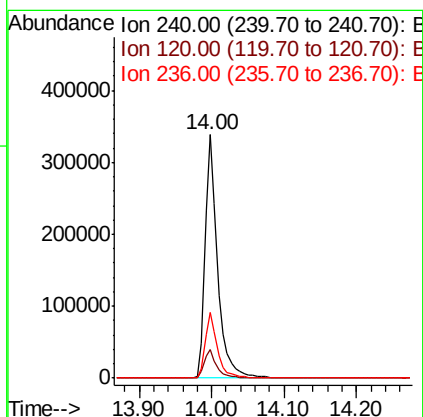
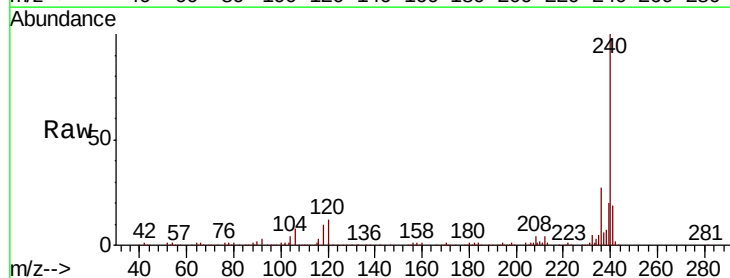
Instrument :
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ClientSampleId :
PB122156BL

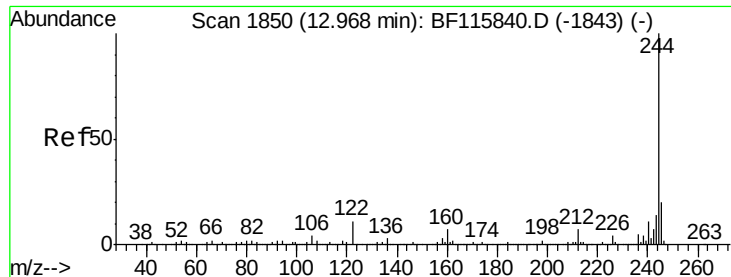
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.1	12.1
80	10.3	8.7	13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116184.D
Acq: 12 Aug 2019 11:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.7	16.1
236	27.0	22.2	33.2





#79

Terphenyl-d14

Concen: 94.112 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Instrument :

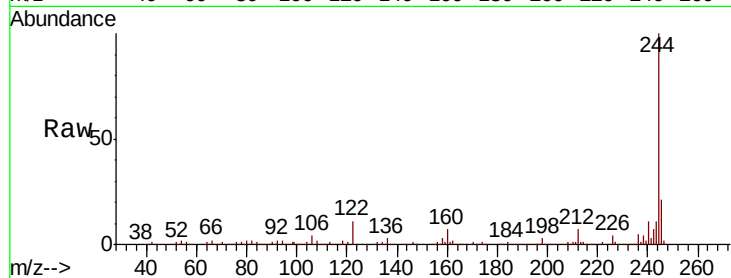
BNA_F

ClientSampleId :

PB122156BL

Tot Ion:244 Resp: 1813526

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	11.2	9.0	13.4

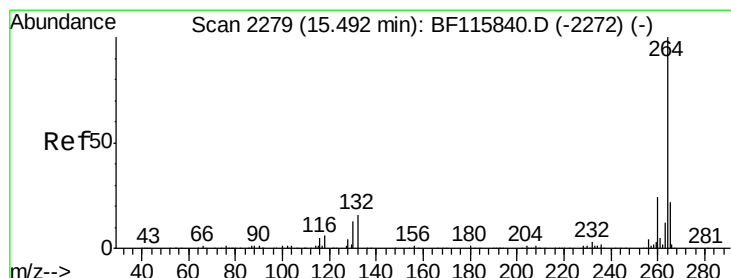
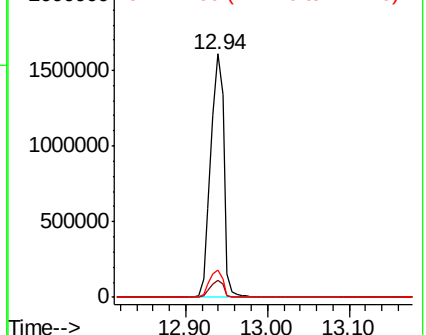
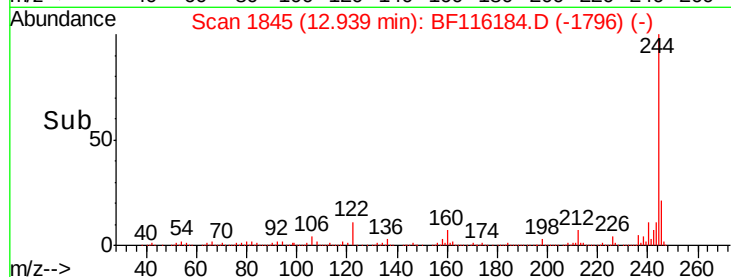


Abundance

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

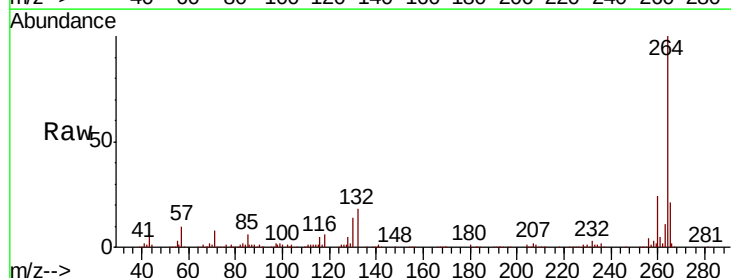
Delta R.T. -0.01 min

Lab File: BF116184.D

Acq: 12 Aug 2019 11:44

Tgt Ion:264 Resp: 376810

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.4	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

