

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081219\
 Data File : BF116197.D
 Acq On : 12 Aug 2019 19:10
 Operator : HP/JU
 Sample : K4090-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-A

Quant Time: Aug 13 01:24:35 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	115195	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	446658	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	246450	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	471036	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	392899	20.00	ng	-0.01
87) Perylene-d12	15.47	264	355667	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	795694	115.63	ng	0.00
7) Phenol-d6	6.47	99	926128	106.67	ng	-0.02
23) Nitrobenzene-d5	7.40	82	770340	99.55	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	361831	151.43	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1350192	102.62	ng	-0.02
79) Terphenyl-d14	12.94	244	1735619	93.08	ng	-0.01

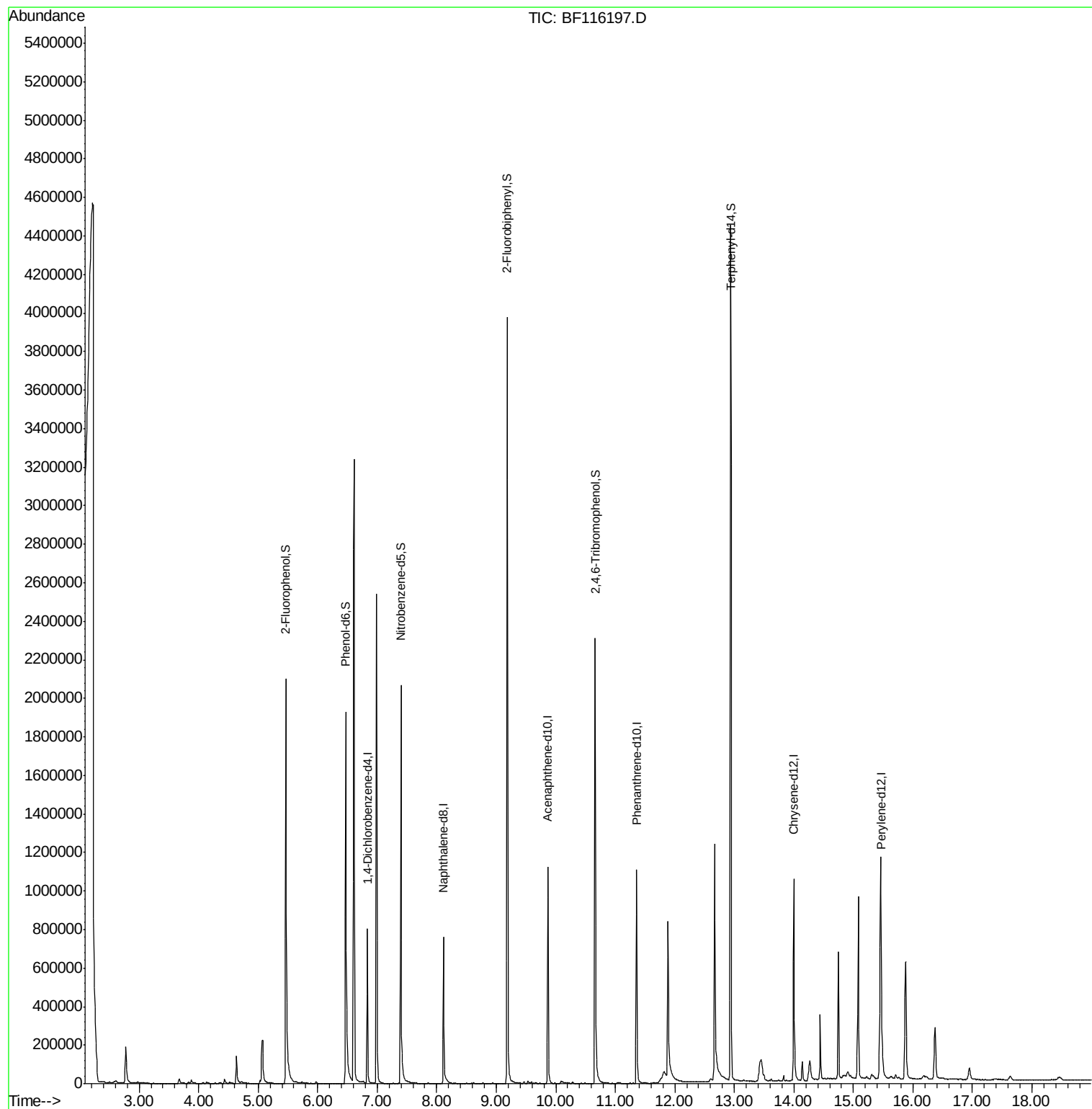
Target Compounds Qvalue

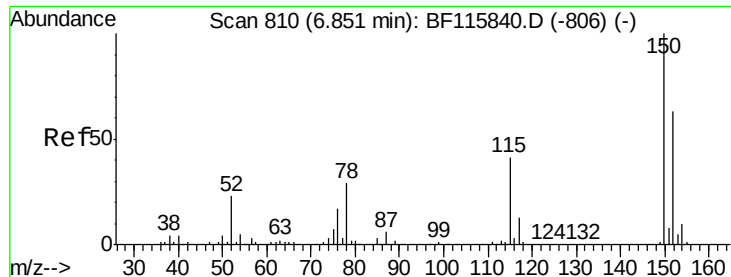
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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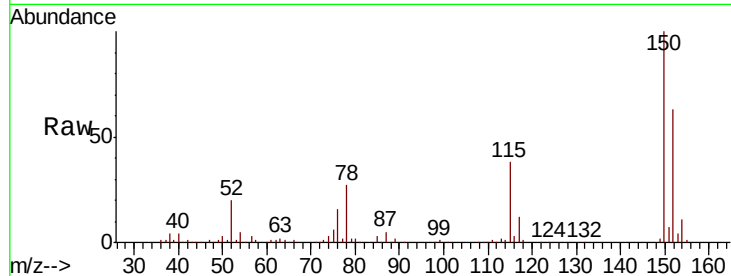


#1

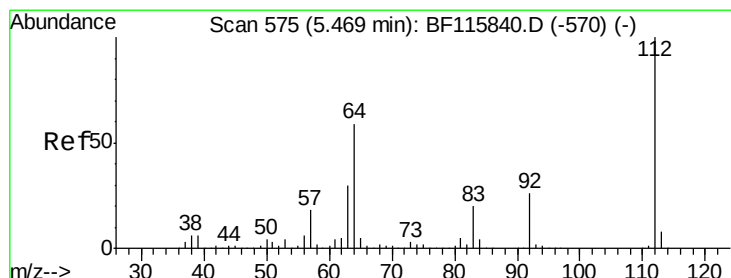
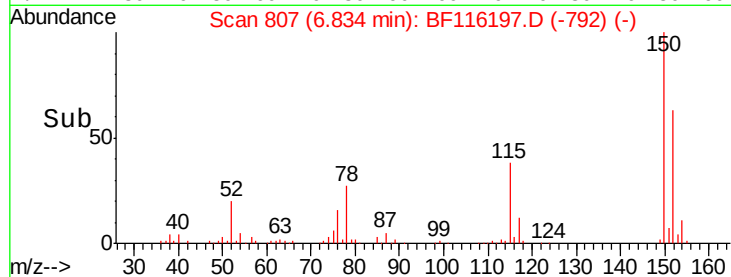
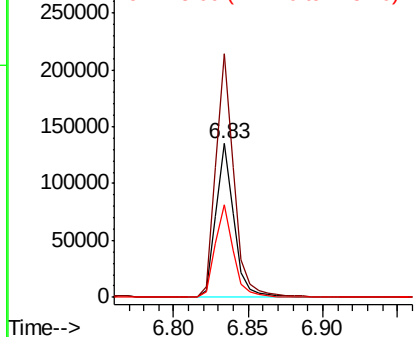
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF116197.D
Acq: 12 Aug 2019 19:10

Instrument :
BNA_F
ClientSampleId :
OR-03-080919-A

Tot Ion:152 Resp: 115195
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 60.0 49.9 74.9



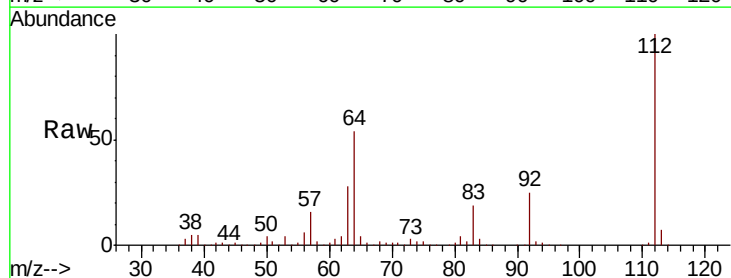
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



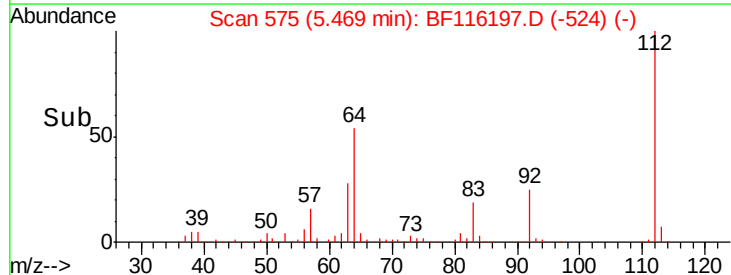
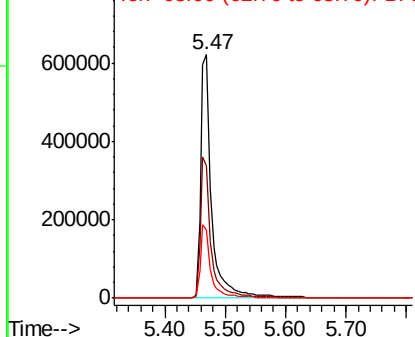
#5

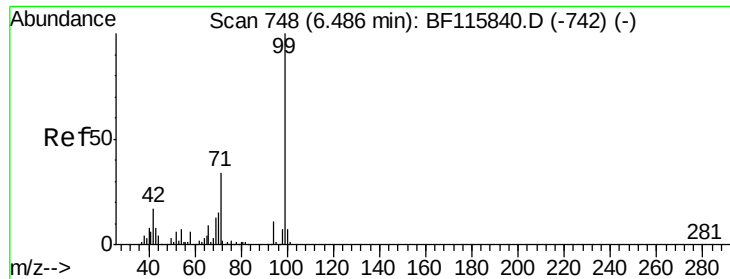
2-Fluorophenol
Concen: 115.634 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF116197.D
Acq: 12 Aug 2019 19:10

Tgt Ion:112 Resp: 795694
Ion Ratio Lower Upper
112 100
64 54.4 45.4 68.2
63 28.0 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: 106.675 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116197.D

Acq: 12 Aug 2019 19:10

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-A

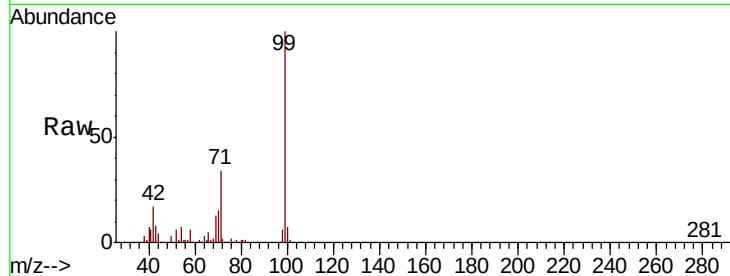
Tot Ion: 99 Resp: 926128

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

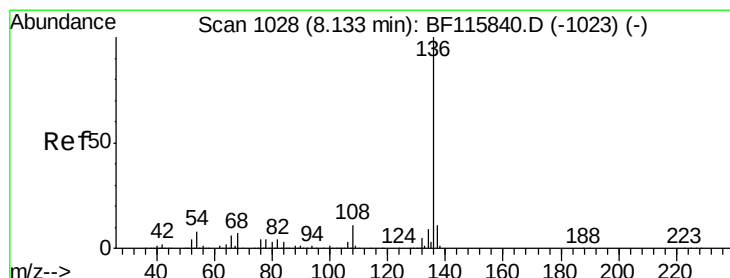
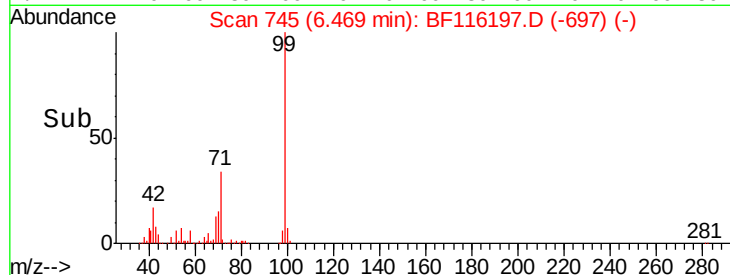
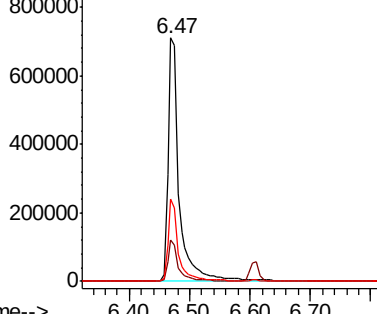
71 34.0 27.3 40.9



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: BF116197.D

Acq: 12 Aug 2019 19:10

Tgt Ion: 136 Resp: 446658

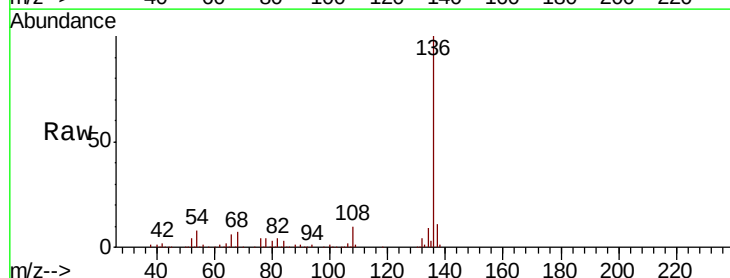
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.4

54 7.6 5.8 8.6

68 6.6 5.2 7.8

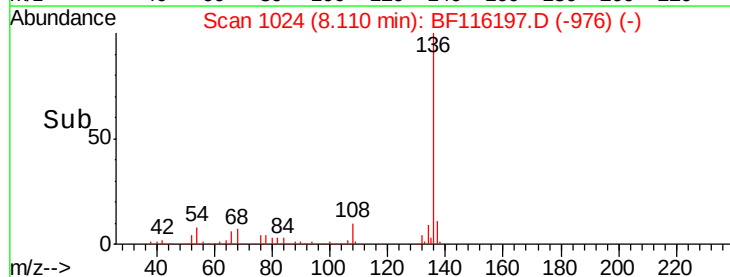
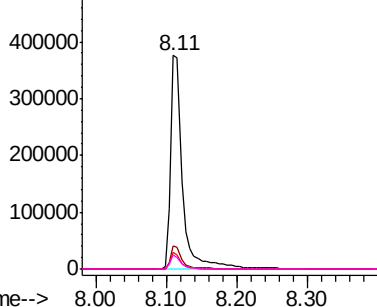


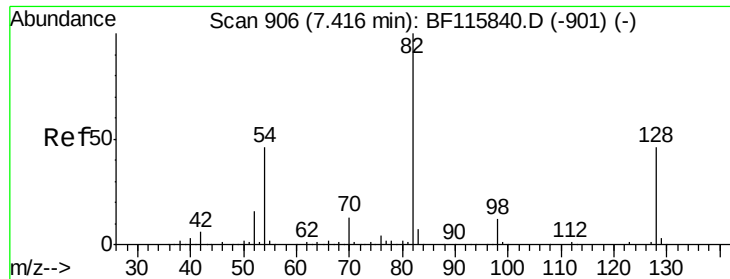
Abundance Ion 136.00 (135.70 to 136.70): E

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

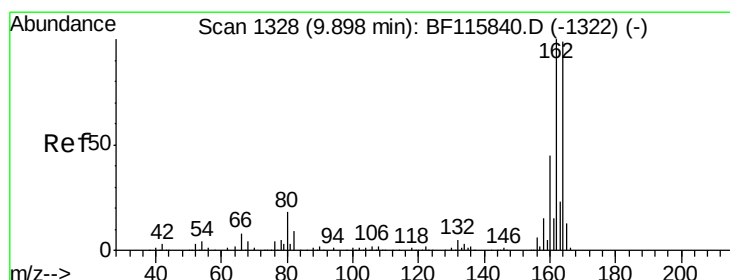
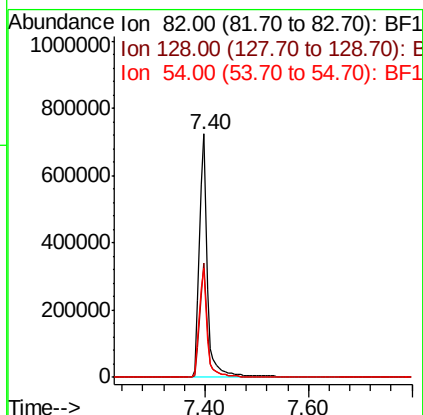
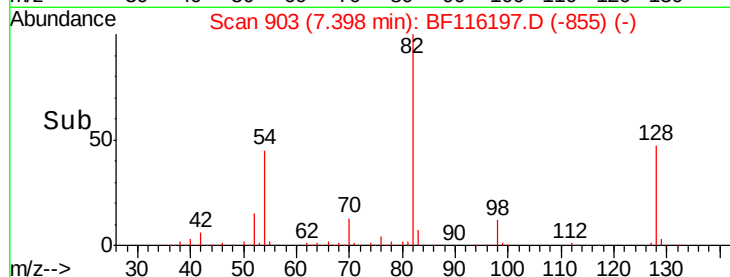
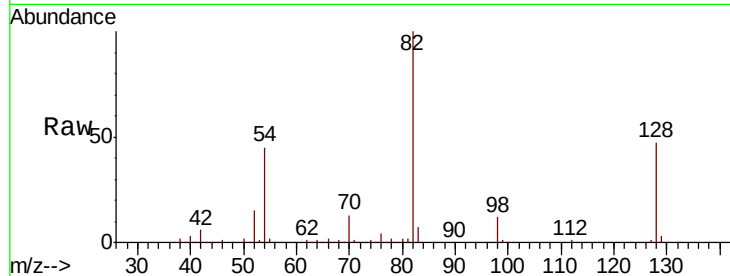




#23
 Nitrobenzene-d5
 Concen: 99.554 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

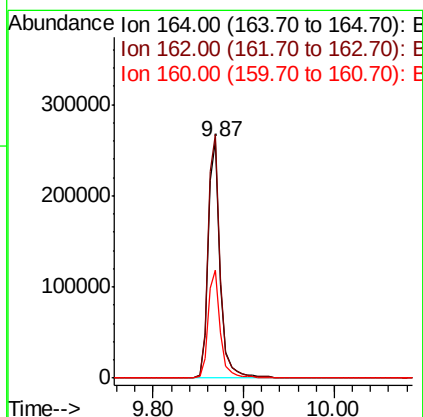
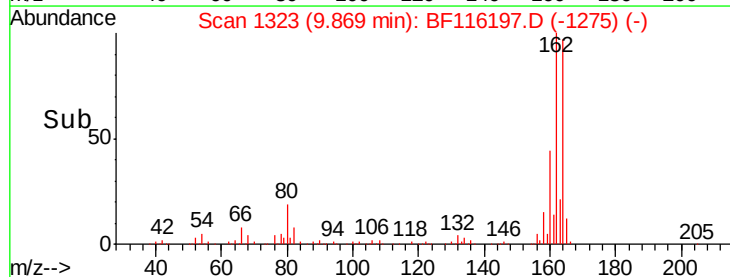
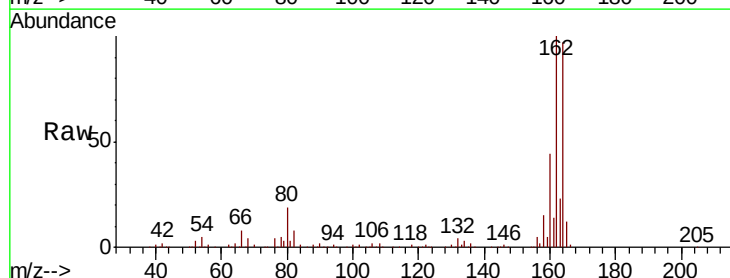
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-A

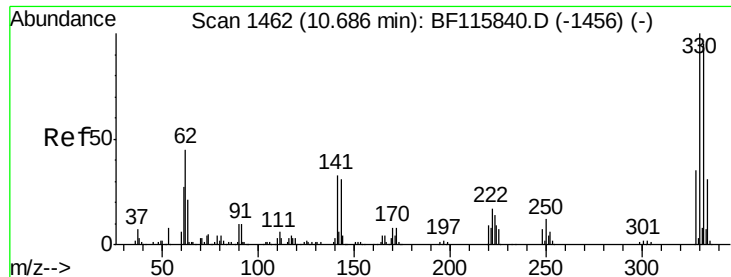
Tot Ion: 82 Resp: 770340
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.5 54.7
 54 44.6 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

Tgt Ion: 164 Resp: 246450
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 124.0
 160 45.5 37.6 56.4

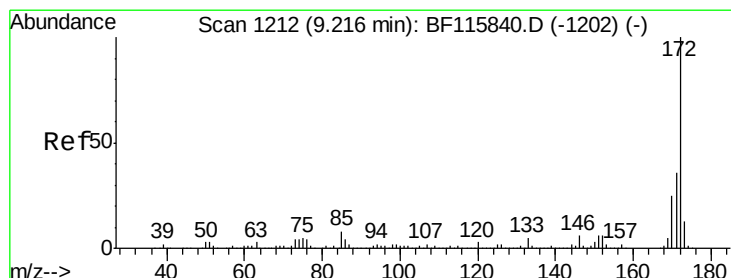
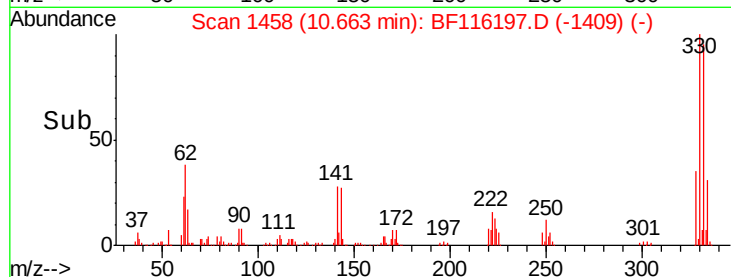
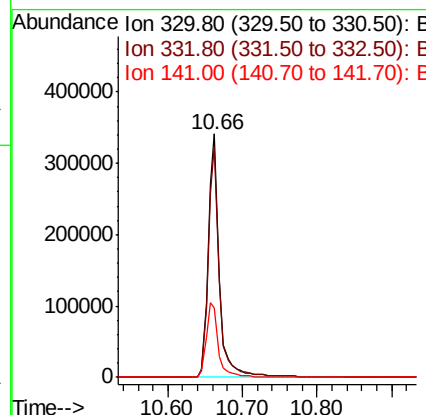
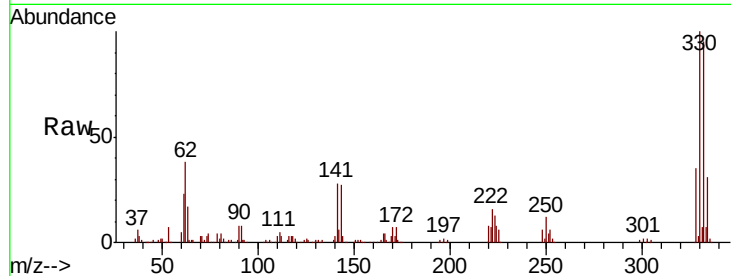




#42
 2,4,6-Tribromophenol
 Concen: 151.432 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

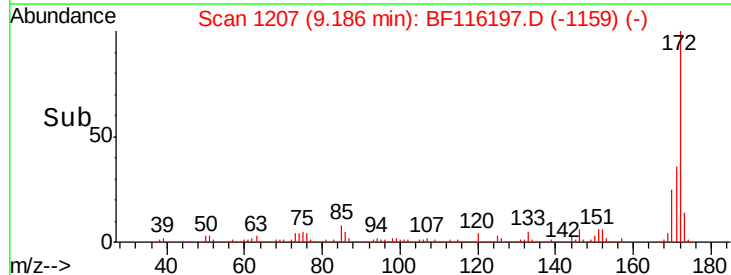
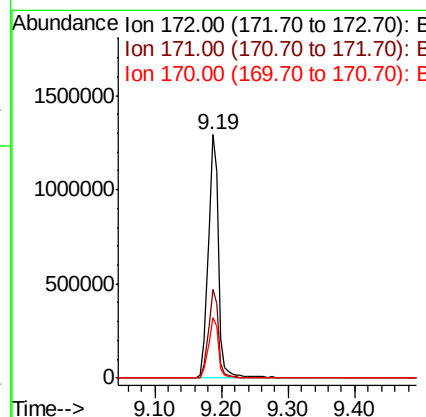
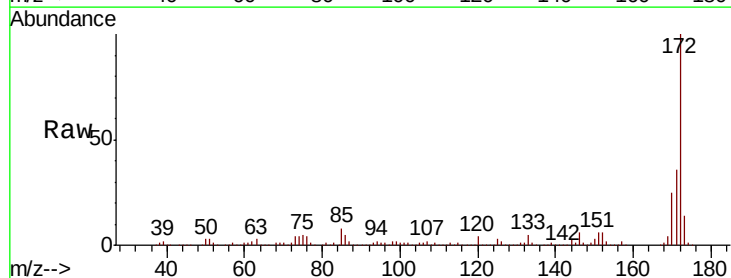
Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-A

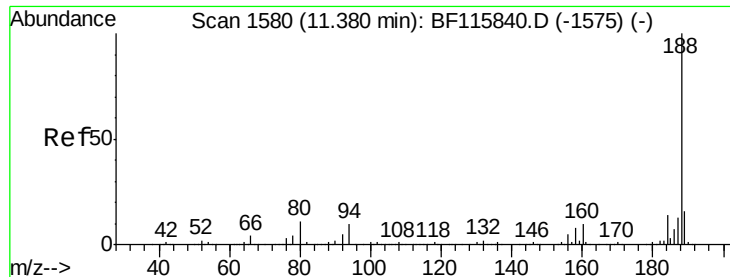
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.8	115.2
141	33.7	26.3	39.5



#45
 2-Fluorobiphenyl
 Concen: 102.618 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.8	20.1	30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116197.D

Acq: 12 Aug 2019 19:10

Instrument :

BNA_F

ClientSampleId :

OR-03-080919-A

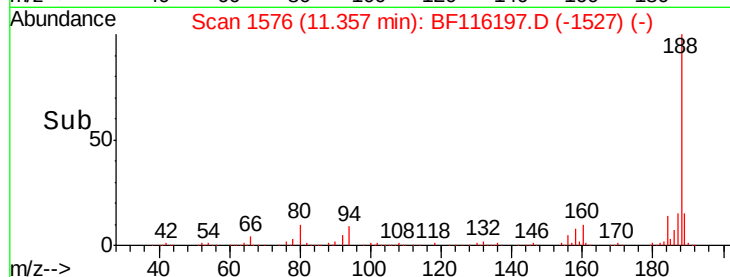
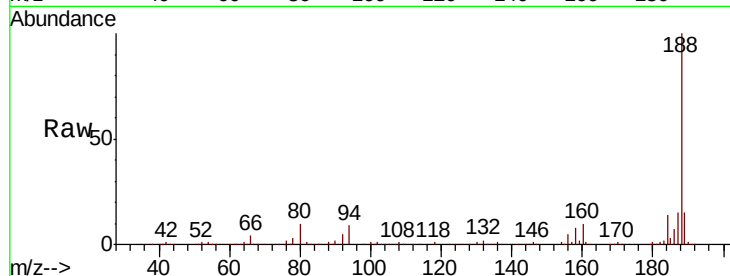
Tot Ion:188 Resp: 471036

Ion Ratio Lower Upper

188 100

94 9.3 8.1 12.1

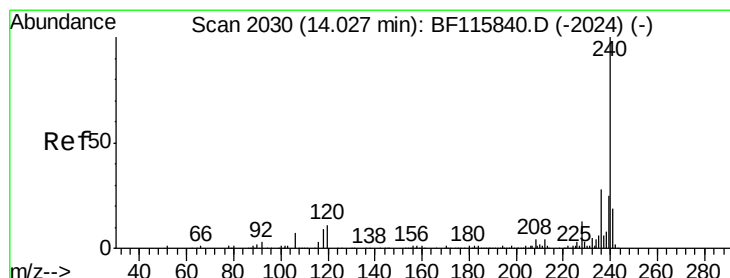
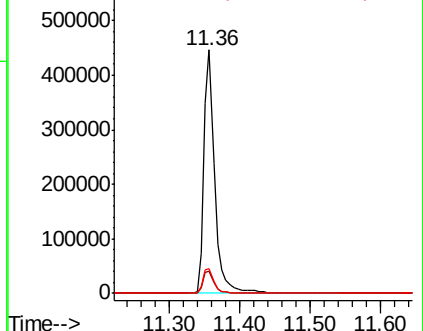
80 10.0 8.7 13.1



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: BF116197.D

Acq: 12 Aug 2019 19:10

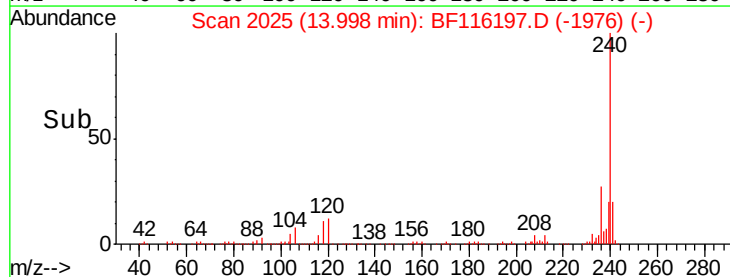
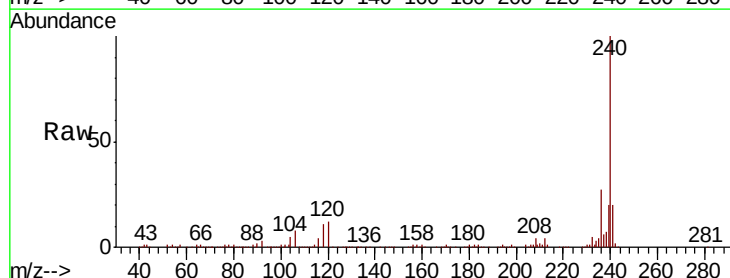
Tgt Ion:240 Resp: 392899

Ion Ratio Lower Upper

240 100

120 12.0 10.7 16.1

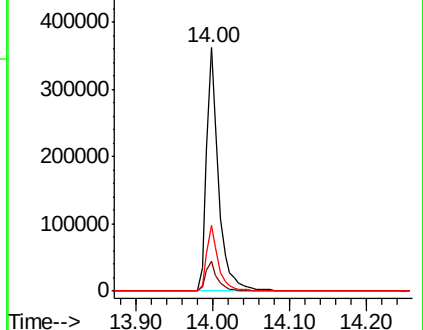
236 27.1 22.2 33.2

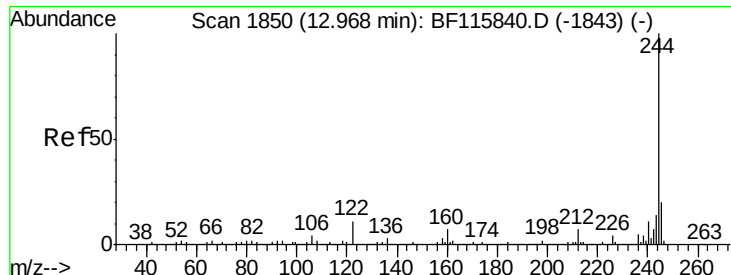


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



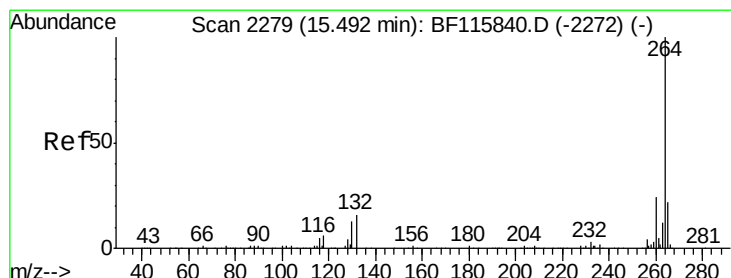
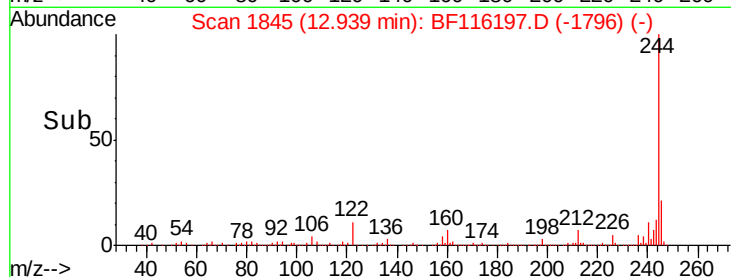
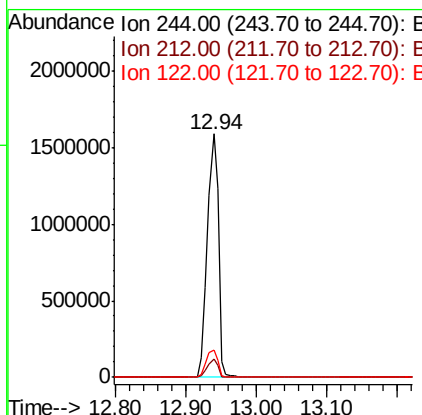
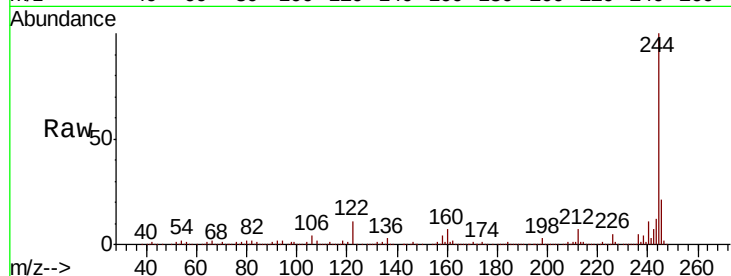


#79
 Terphenyl-d14
 Concen: 93.083 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-080919-A

Tot Ion:244 Resp: 1735619

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	11.3	9.0	13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116197.D
 Acq: 12 Aug 2019 19:10

Tgt Ion:264 Resp: 355667

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.7	29.5
265	21.1	17.4	26.0

