

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116597.D
 Acq On : 27 Aug 2019 21:56
 Operator : HP/JU
 Sample : K4525-21
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-A1-A4-(0-1.9)

Quant Time: Aug 28 08:09:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	65366	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	254839	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	163303	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	336732	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	251390	20.00	ng	-0.02
87) Perylene-d12	15.48	264	238790	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	733480	163.96	ng	0.00
7) Phenol-d6	6.50	99	629853	114.83	ng	0.00
23) Nitrobenzene-d5	7.43	82	489361	105.06	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	277724	198.06	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	934699	92.18	ng	-0.01
79) Terphenyl-d14	12.97	244	1411478	104.88	ng	0.00

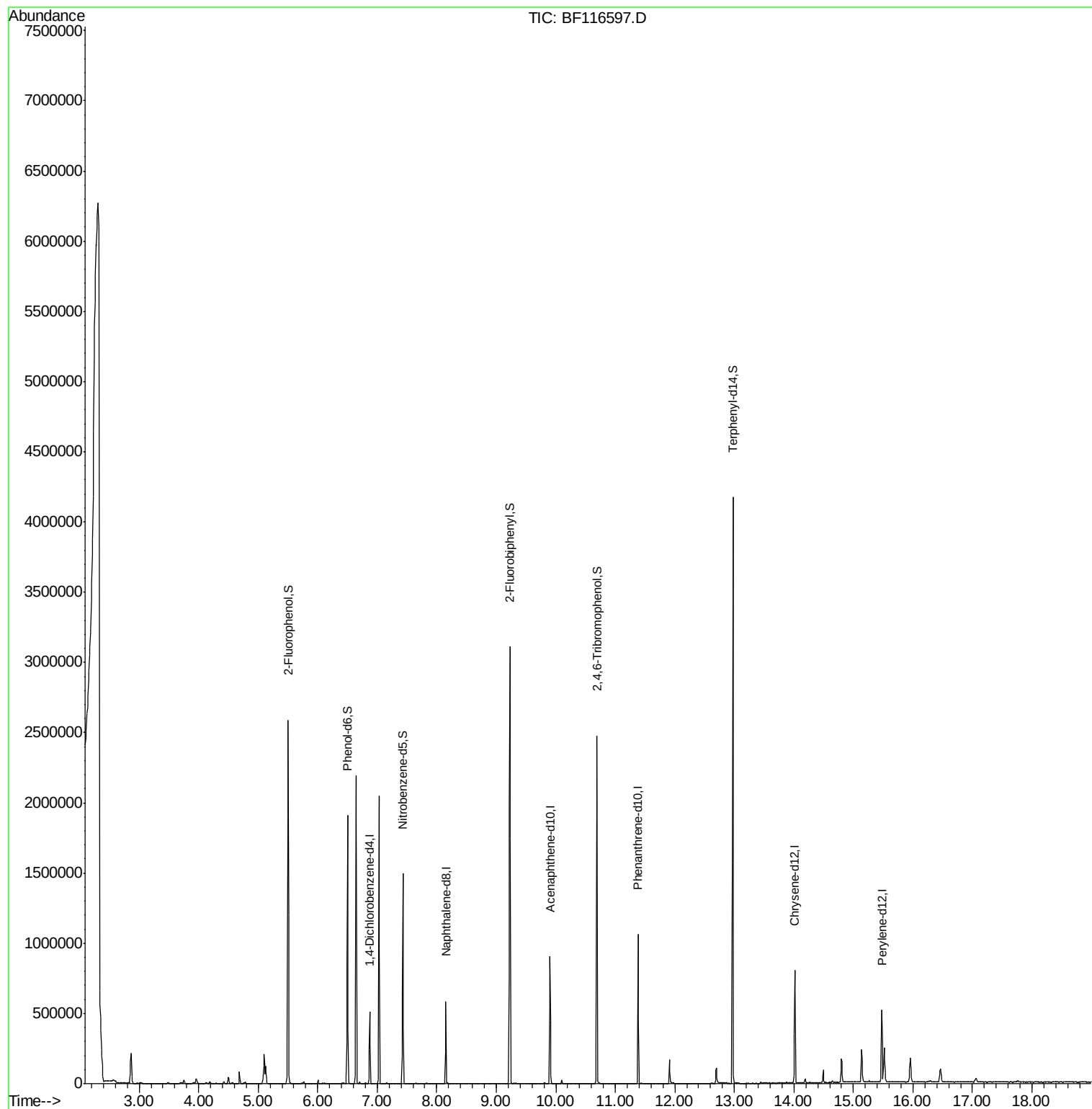
Target Compounds Qvalue

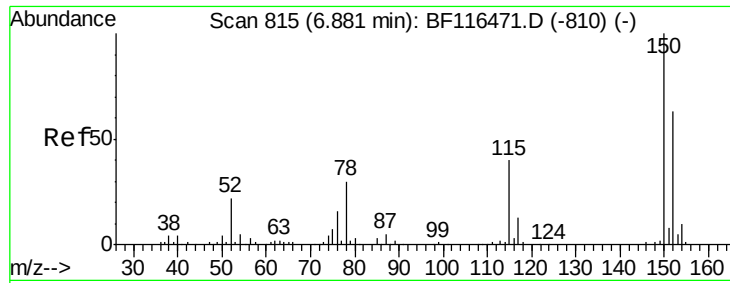
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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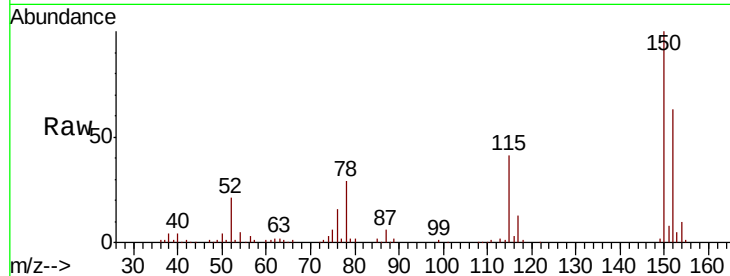


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-A1-A4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.7	190.1
115	65.1	50.9	76.3

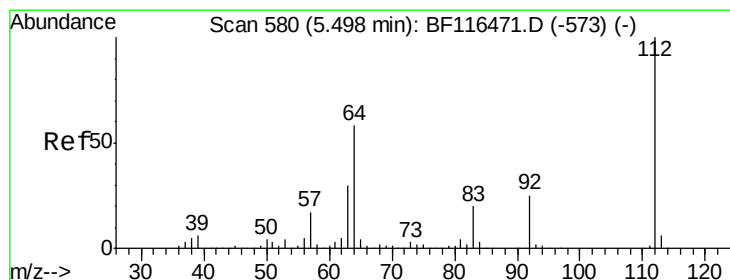
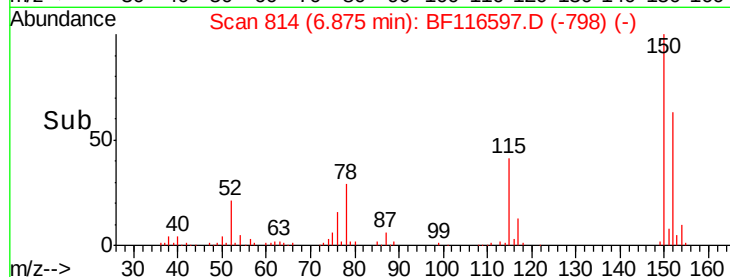
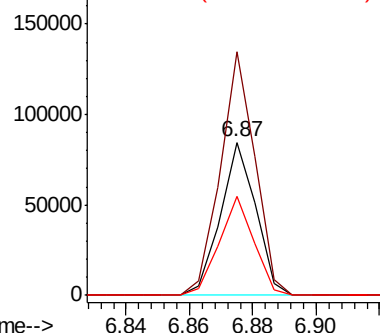


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

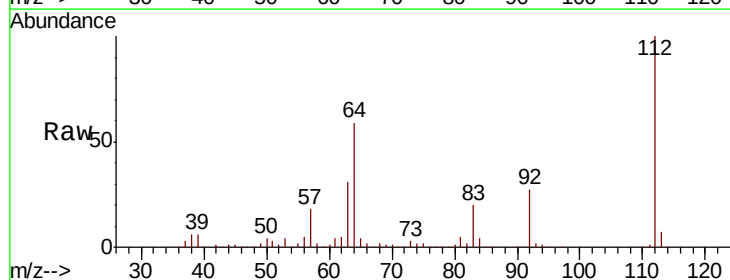
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 163.957 ng
 RT: 5.50 min Scan# 581
 Delta R.T. 0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	46.3	69.5
63	30.8	24.2	36.4

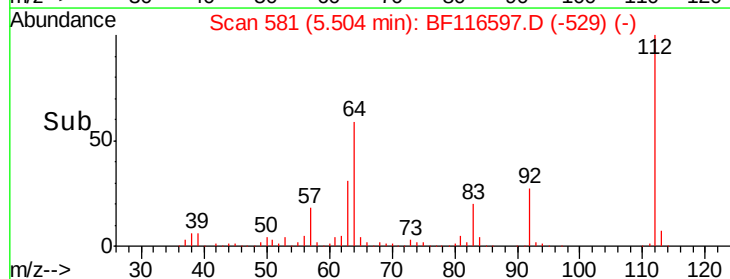
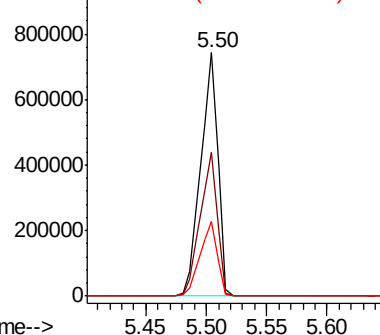


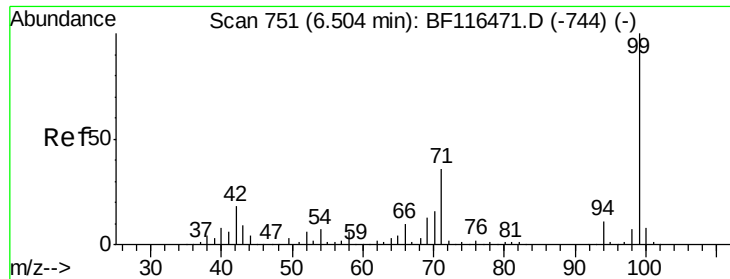
Abundance

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: 114.825 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF116597.D

Acq: 27 Aug 2019 21:56

Instrument :

BNA_F

ClientSampleId :

T9-12-13-A1-A4-(0-1.9)

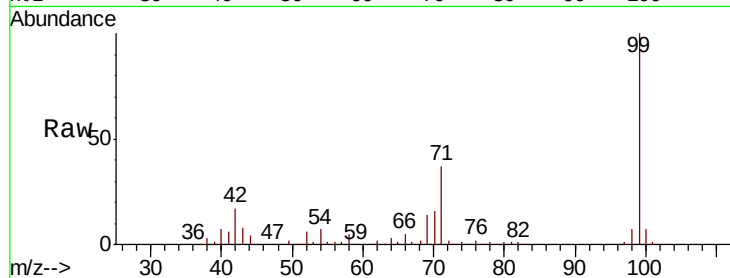
Tot Ion: 99 Resp: 629853

Ion Ratio Lower Upper

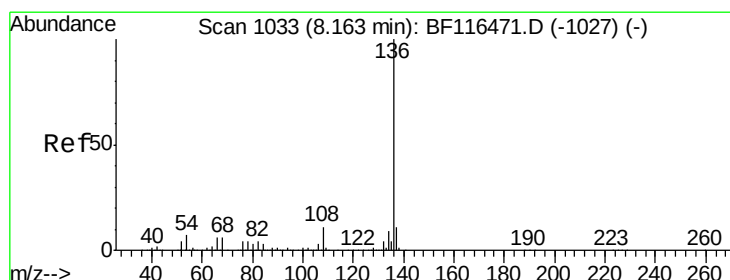
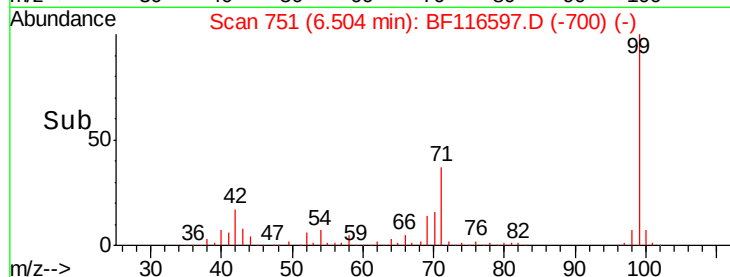
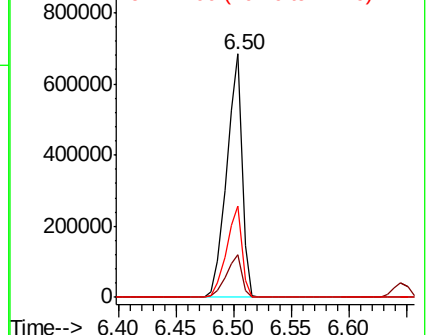
99 100

42 17.5 14.6 21.8

71 37.5 28.5 42.7



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: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF116597.D

Acq: 27 Aug 2019 21:56

Tgt Ion: 136 Resp: 254839

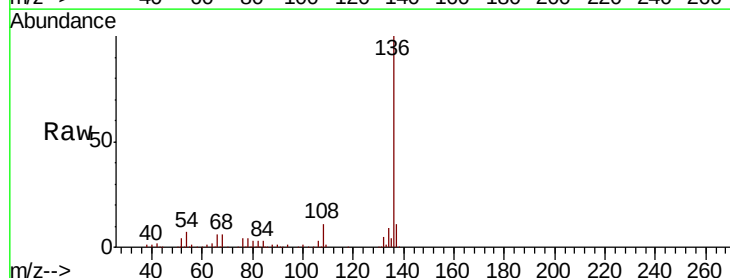
Ion Ratio Lower Upper

136 100

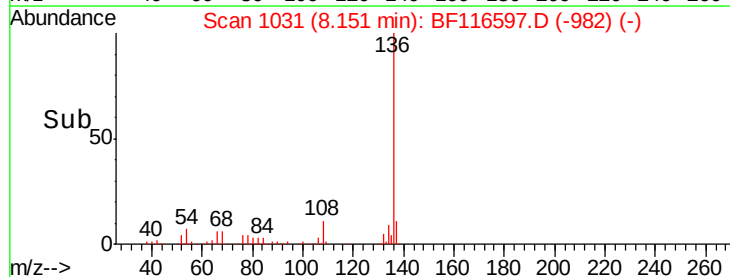
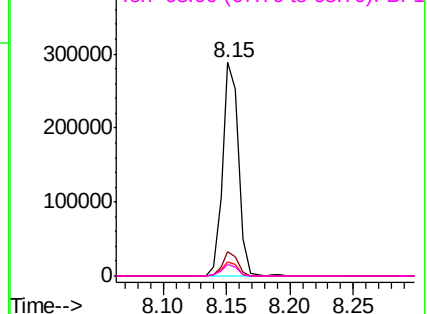
137 11.2 9.0 13.4

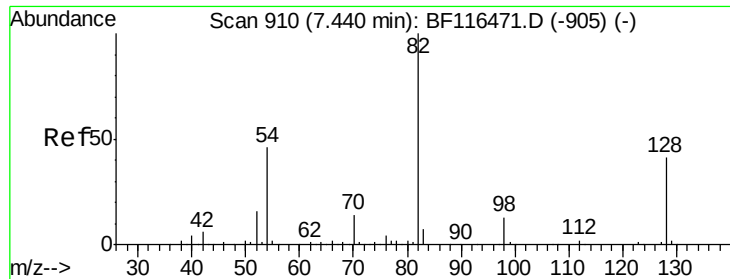
54 6.9 5.8 8.6

68 5.6 5.1 7.7



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

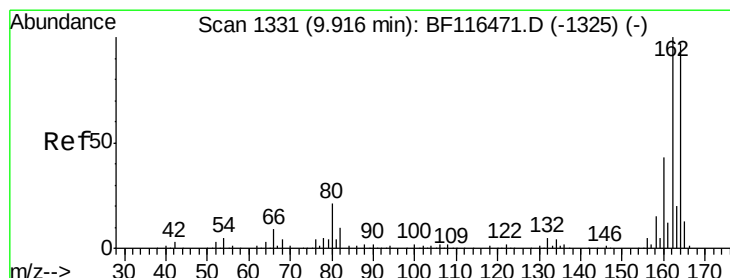
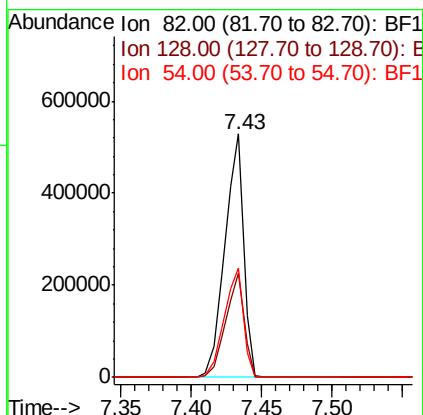
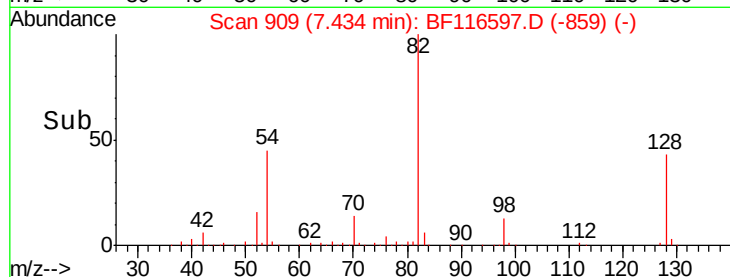
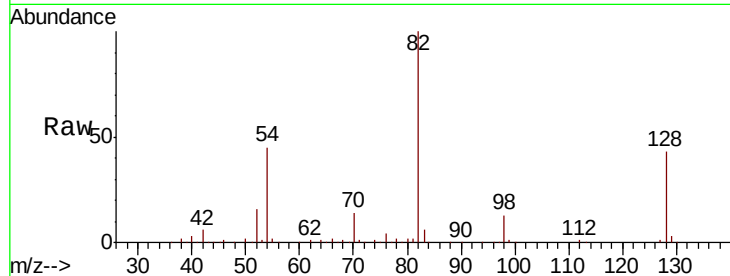




#23
 Nitrobenzene-d5
 Concen: 105.058 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

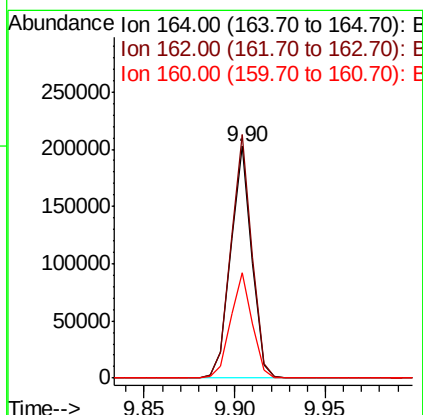
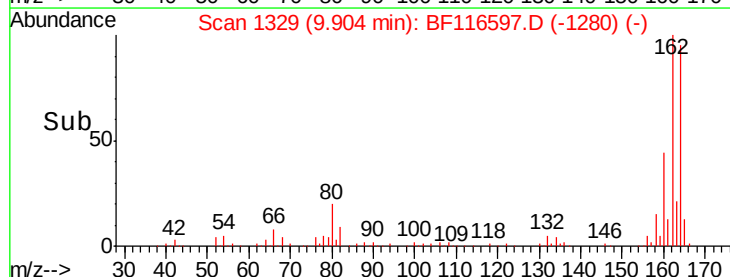
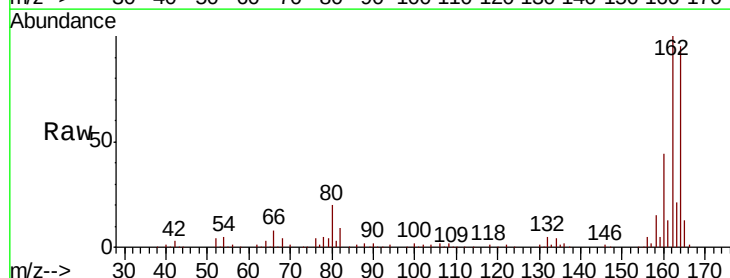
Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-A1-A4-(0-1.9)

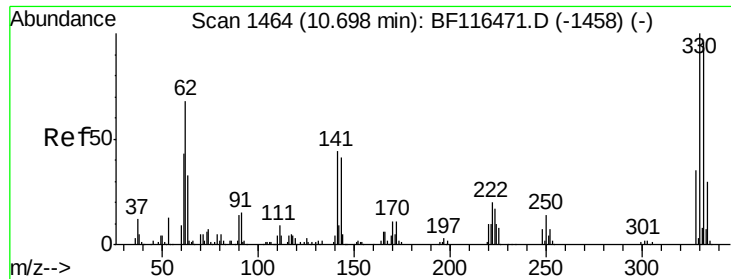
Tot Ion:	82	Resp:	489361
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.2	48.4
54	45.1	36.5	54.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

Tgt Ion:	164	Resp:	163303
Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	45.8	35.8	53.8

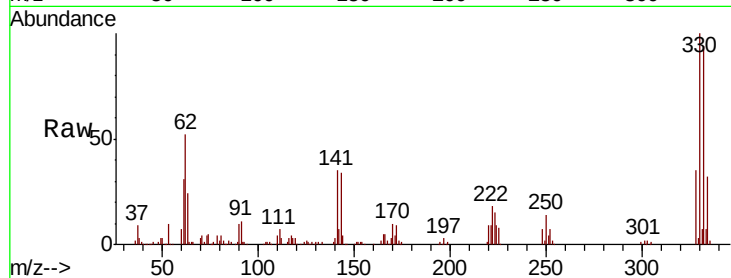




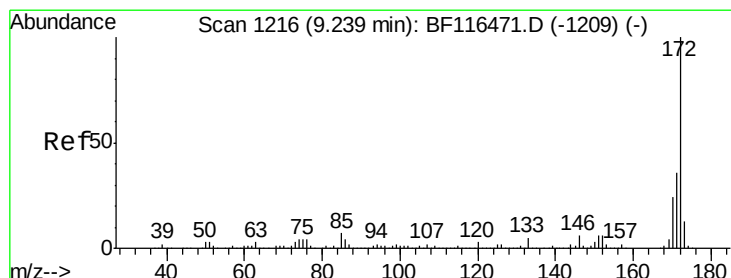
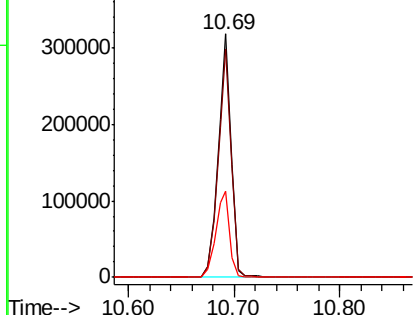
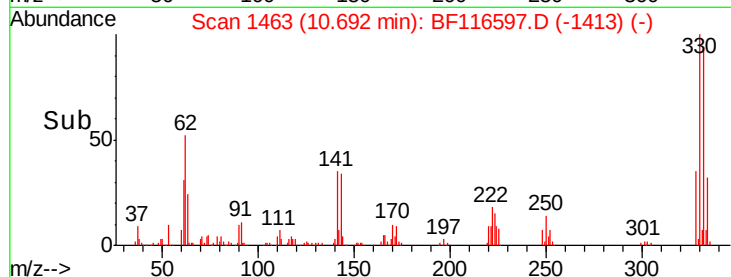
#42
 2,4,6-Tribromophenol
 Concen: 198.058 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

Instrument :
 BNA_F
 ClientSampleId :
 T9-12-13-A1-A4-(0-1.9)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.2	115.8
141	37.7	33.3	49.9

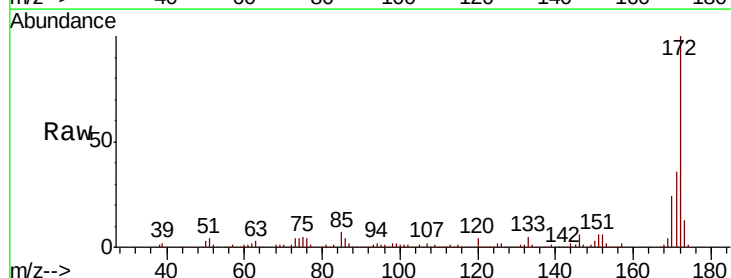


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

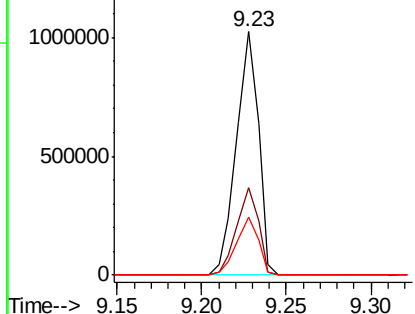
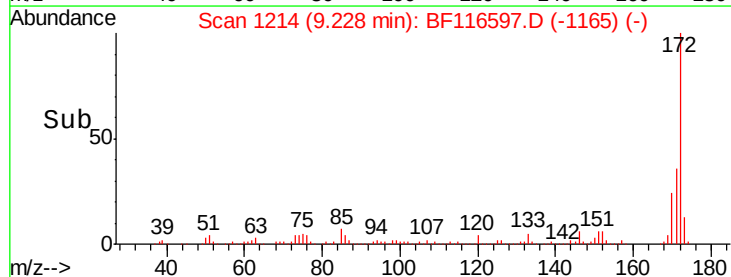


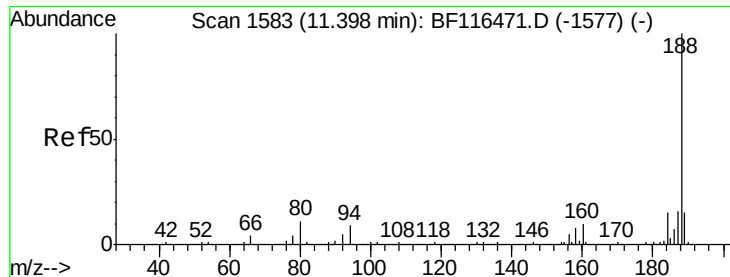
#45
 2-Fluorobiphenyl
 Concen: 92.175 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116597.D
 Acq: 27 Aug 2019 21:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	24.1	19.4	29.0



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

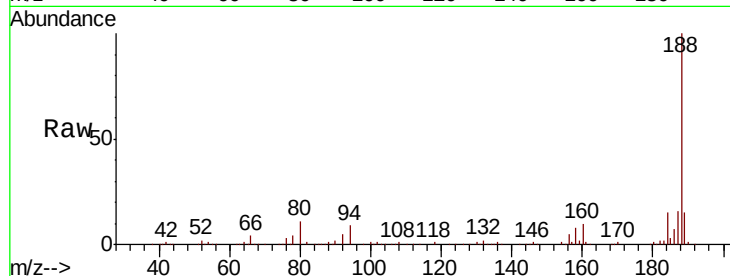




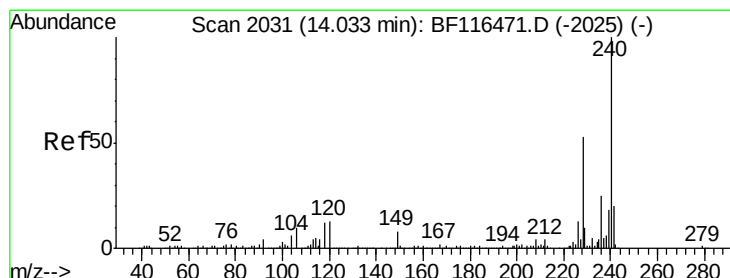
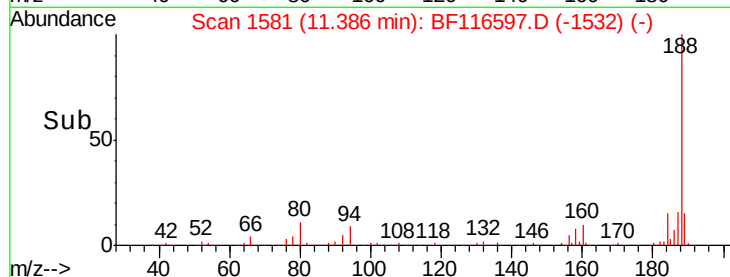
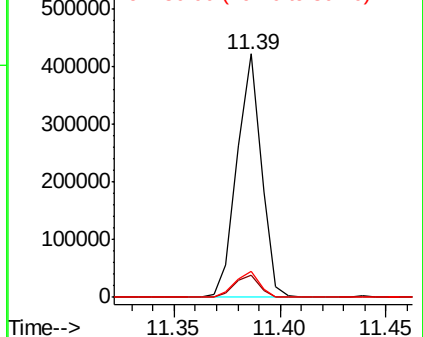
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116597.D
Acq: 27 Aug 2019 21:56

Instrument :
BNA_F
ClientSampleId :
T9-12-13-A1-A4-(0-1.9)

Tot Ion:188 Resp: 336732
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.5 8.6 12.8

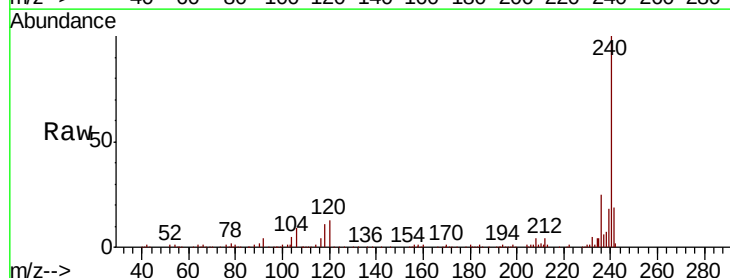


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

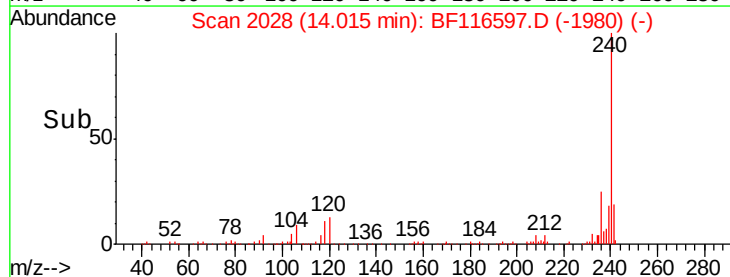
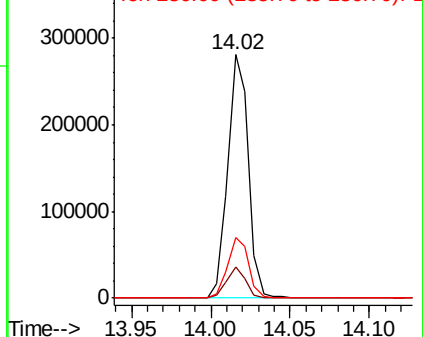


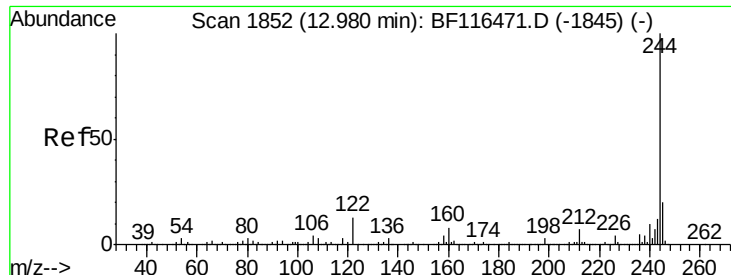
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF116597.D
Acq: 27 Aug 2019 21:56

Tgt Ion:240 Resp: 251390
Ion Ratio Lower Upper
240 100
120 12.8 10.5 15.7
236 24.9 20.2 30.2



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: 104.877 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF116597.D

Acq: 27 Aug 2019 21:56

Instrument :

BNA_F

ClientSampleId :

T9-12-13-A1-A4-(0-1.9)

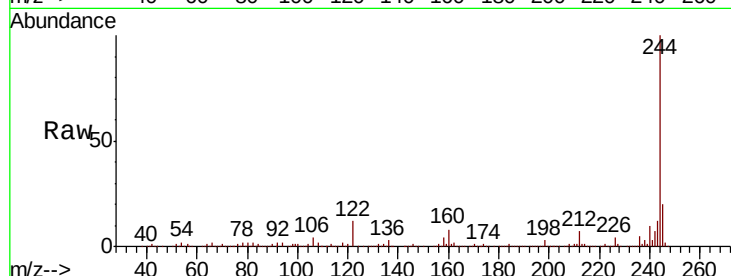
Tot Ion:244 Resp: 1411478

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

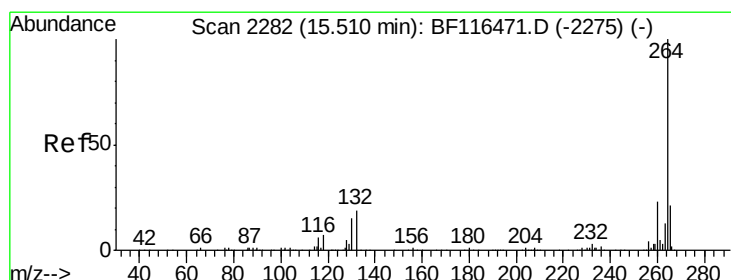
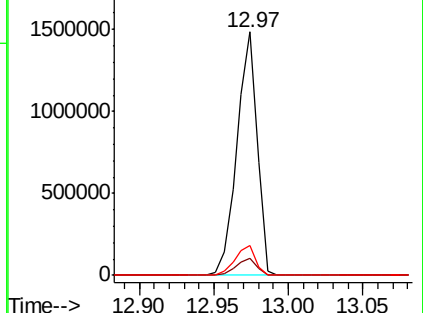
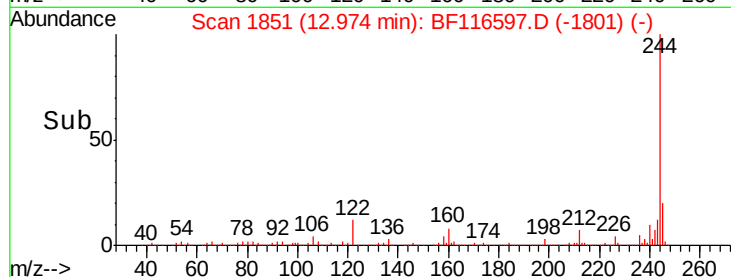
122 12.3 10.2 15.4



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: 15.48 min Scan# 2277

Delta R.T. -0.03 min

Lab File: BF116597.D

Acq: 27 Aug 2019 21:56

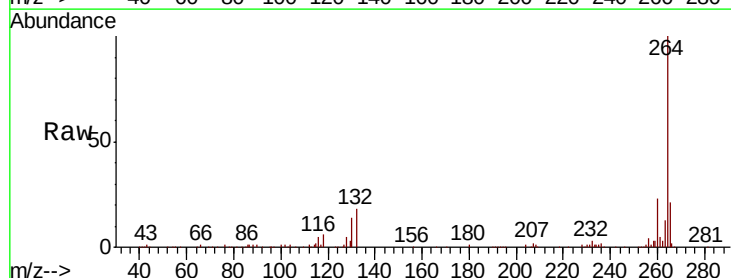
Tgt Ion:264 Resp: 238790

Ion Ratio Lower Upper

264 100

260 23.4 18.8 28.2

265 20.6 17.1 25.7



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

