

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
 Data File : BF113796.D
 Acq On : 16 Apr 2019 16:26
 Operator : JU/SJ
 Sample : K2203-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Quant Time: Apr 16 18:23:47 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 16 17:22:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	110720	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	405952	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	177048	20.00	ng	0.00
64) Phenanthrene-d10	11.19	188	303558	20.00	ng	0.00
76) Chrysene-d12	13.83	240	257183	20.00	ng	0.00
87) Perylene-d12	15.24	264	317247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	699668	107.76	ng	0.01
7) Phenol-d6	6.34	99	819564	102.41	ng	0.00
23) Nitrobenzene-d5	7.24	82	589603	85.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	246810	116.05	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	1095504	99.61	ng	0.00
79) Terphenyl-d14	12.77	244	939274	74.36	ng	0.00

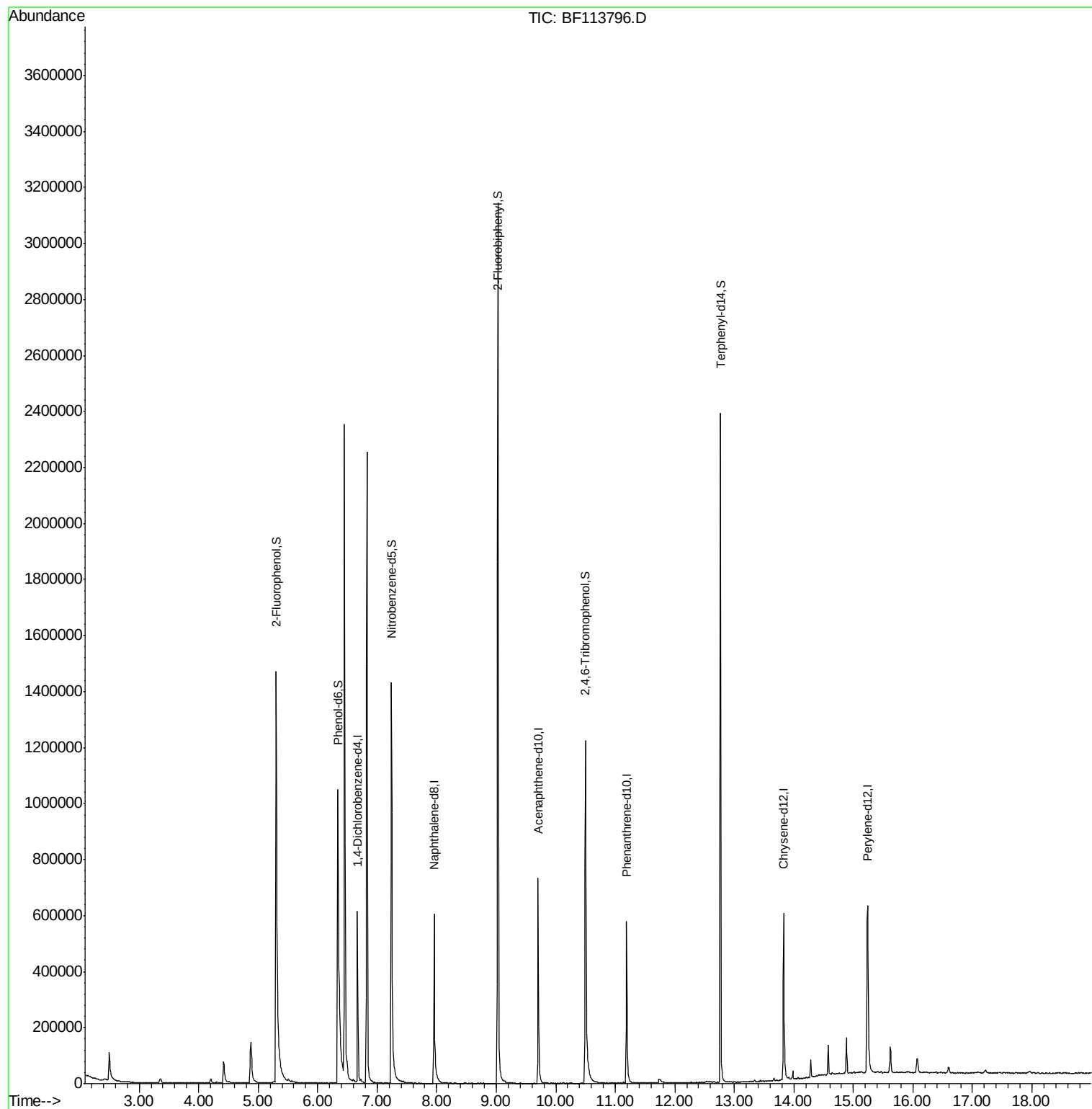
Target Compounds	Qvalue
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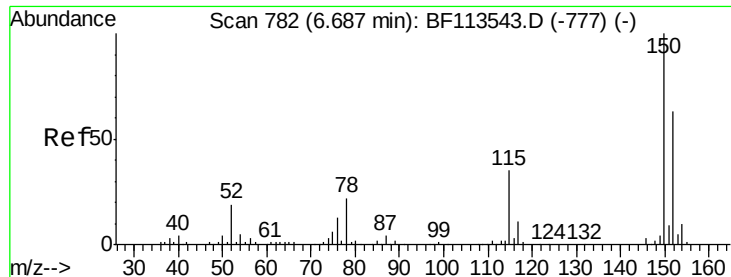
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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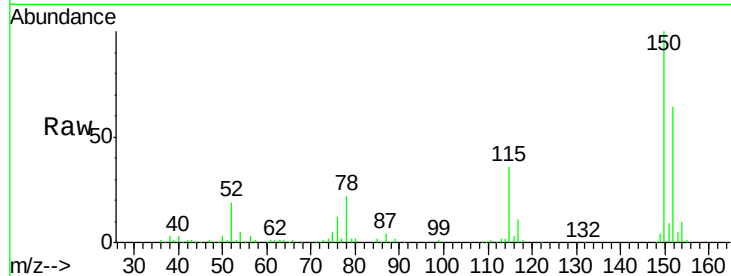


#1

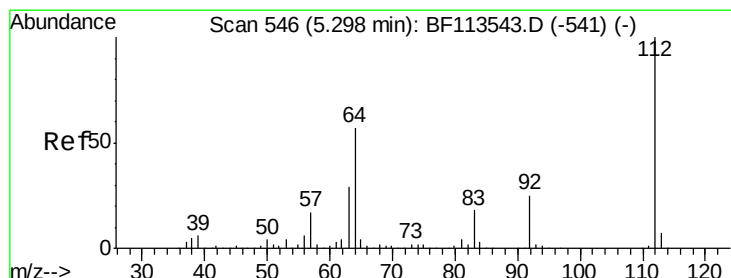
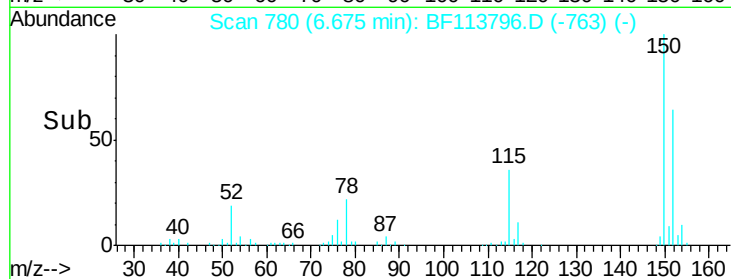
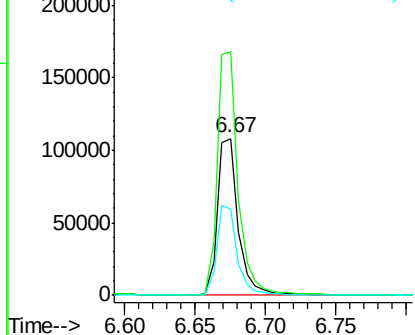
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-A

Tgt Ion:152 Resp: 110720
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 55.3 43.9 65.9



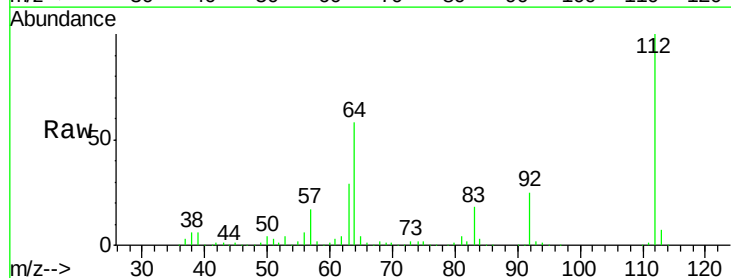
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



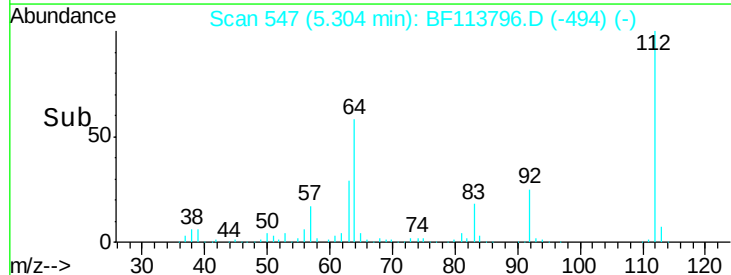
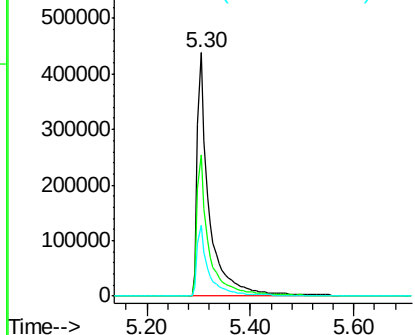
#5

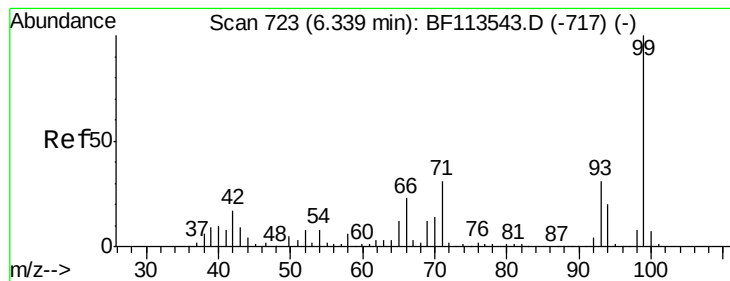
2-Fluorophenol
Concen: 107.758 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF113796.D
Acq: 16 Apr 2019 16:26

Tgt Ion:112 Resp: 699668
Ion Ratio Lower Upper
112 100
64 58.0 49.0 73.4
63 29.2 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: 102.412 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-A

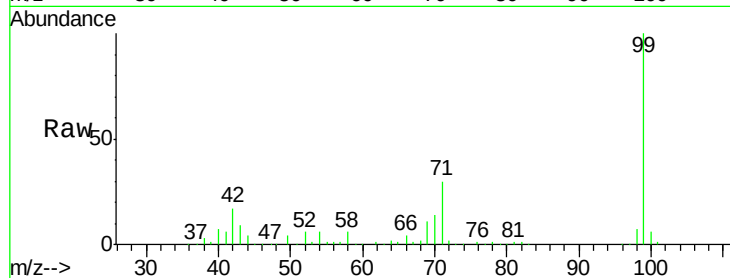
Tgt Ion: 99 Resp: 819564

Ion Ratio Lower Upper

99 100

42 16.6 15.2 22.8

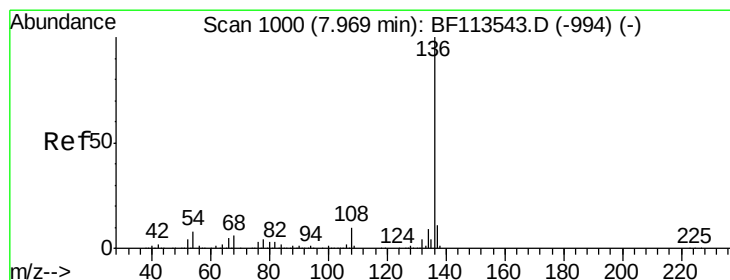
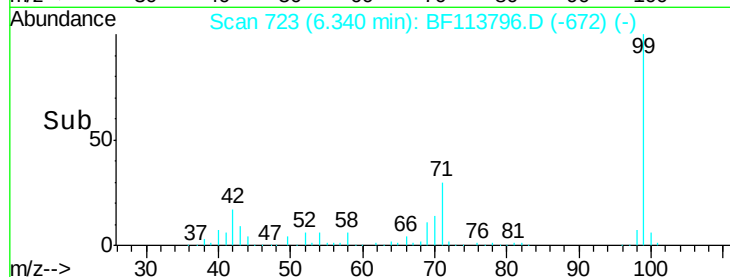
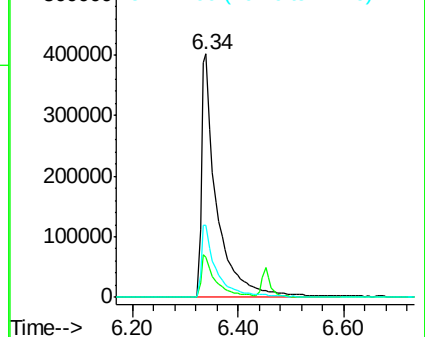
71 29.6 25.4 38.2



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: 7.96 min Scan# 998

Delta R.T. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Tgt Ion: 136 Resp: 405952

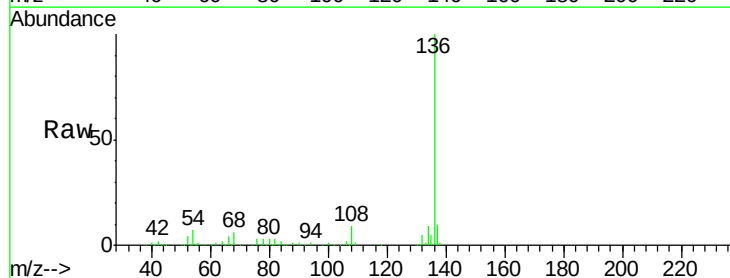
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 7.2 6.4 9.6

68 5.5 4.6 7.0

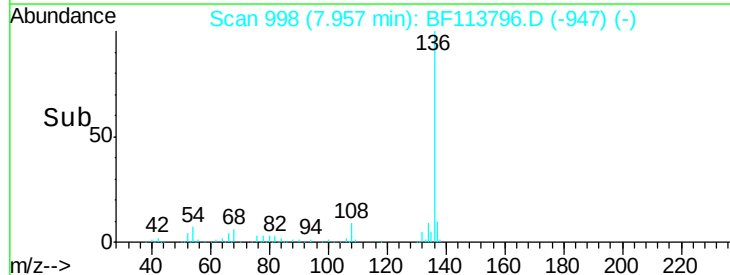
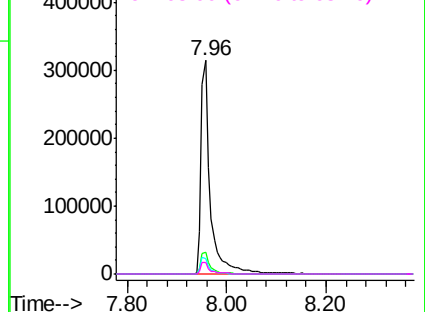


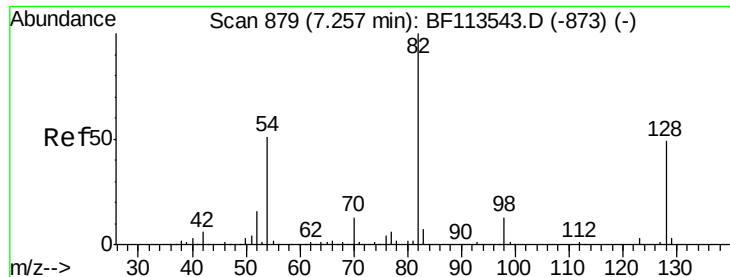
Abundance Ion 136.00 (135.70 to 136.70): E

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

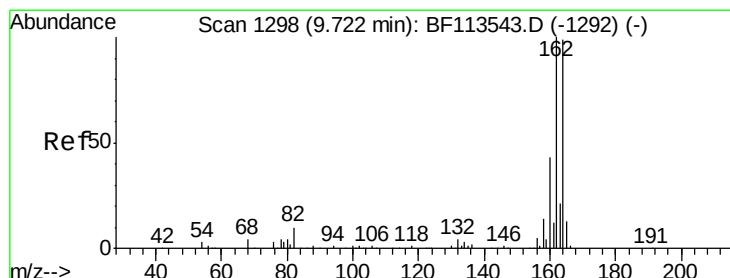
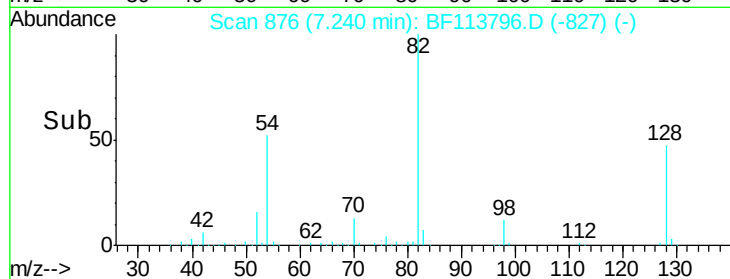
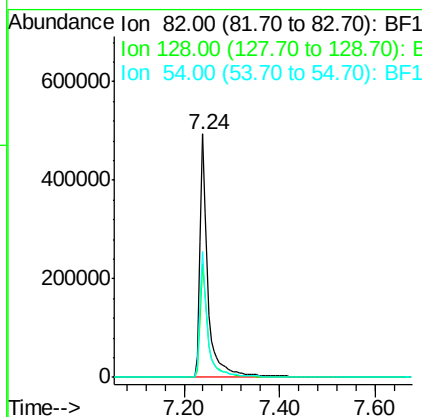
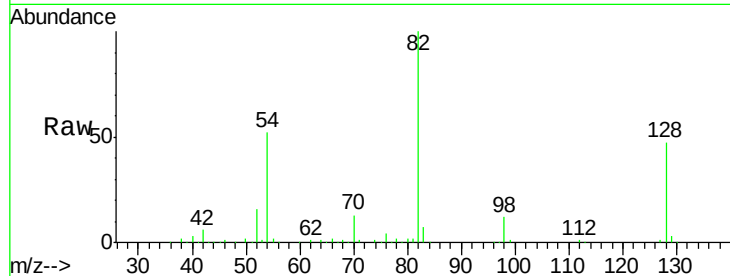




#23
 Nitrobenzene-d5
 Concen: 85.074 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

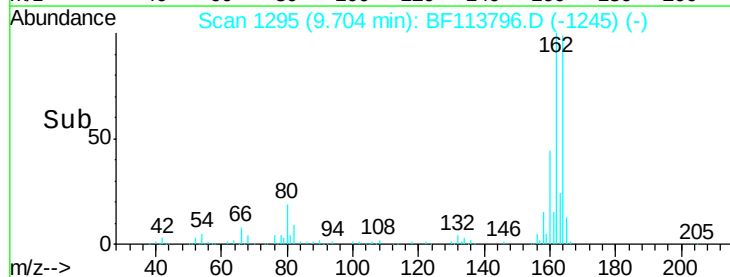
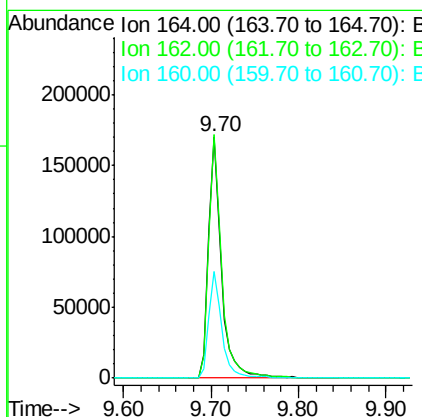
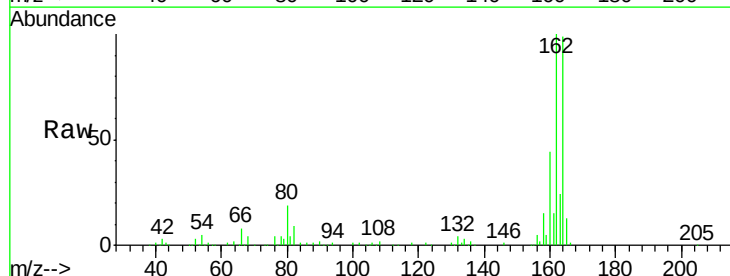
Instrument :
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 ClientSampleId :
 SU-01-041519-A

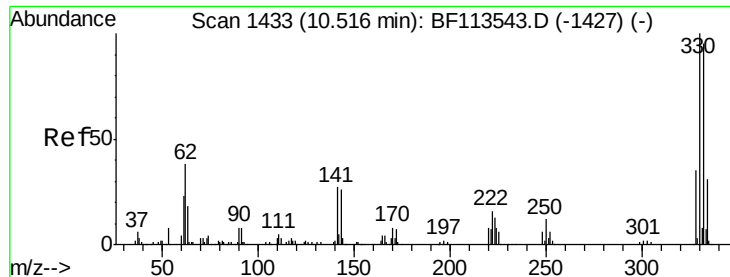
Tgt Ion: 82 Resp: 589603
 Ion Ratio Lower Upper
 82 100
 128 46.6 38.2 57.2
 54 51.6 41.0 61.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Tgt Ion: 164 Resp: 177048
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 44.0 35.8 53.6

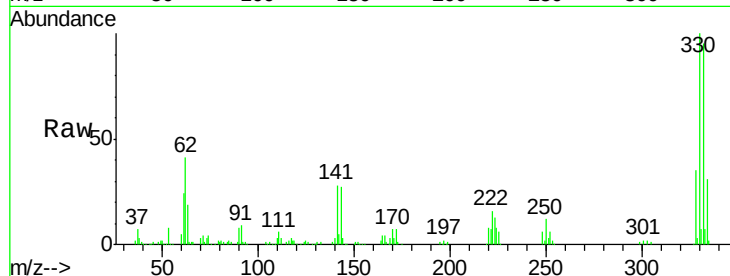




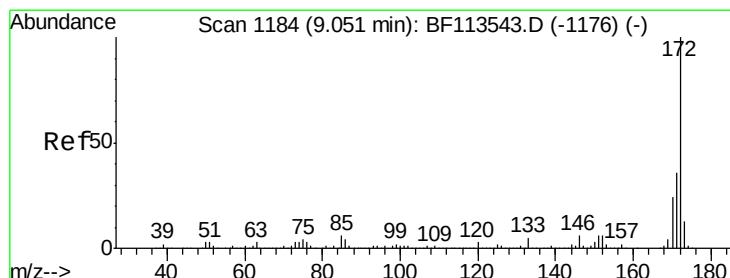
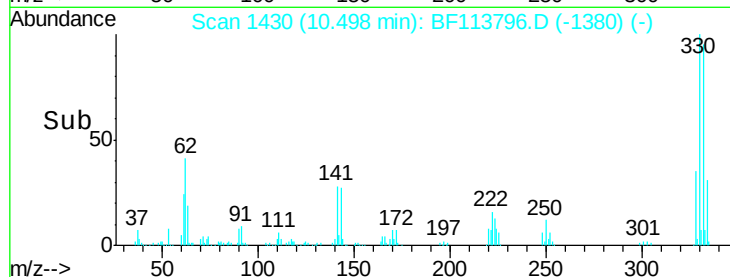
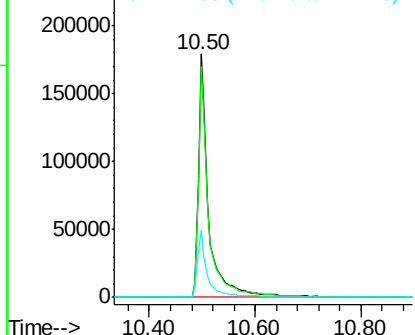
#42
 2,4,6-Tribromophenol
 Concen: 116.049 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-041519-A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.8	115.2
141	26.8	21.0	31.4

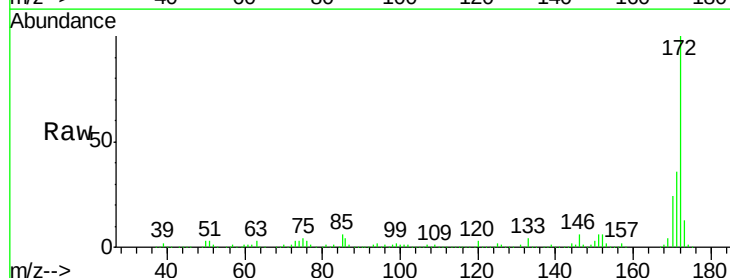


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

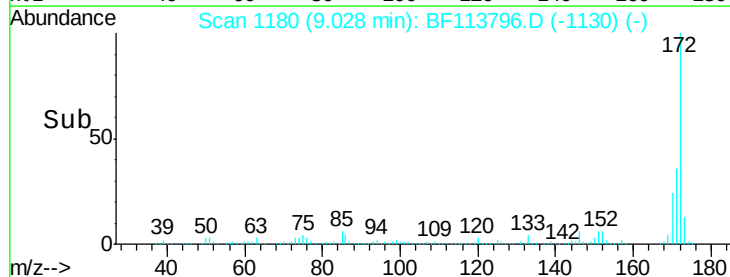
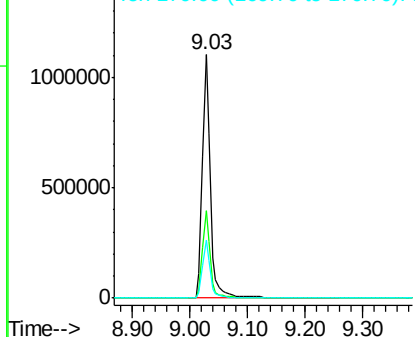


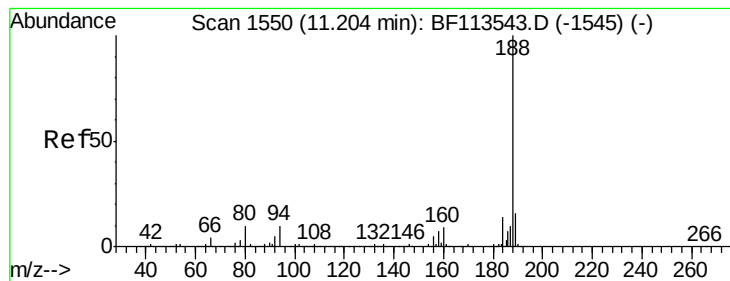
#45
 2-Fluorobiphenyl
 Concen: 99.614 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF113796.D
 Acq: 16 Apr 2019 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	24.0	19.6	29.4



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: 11.19 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-A

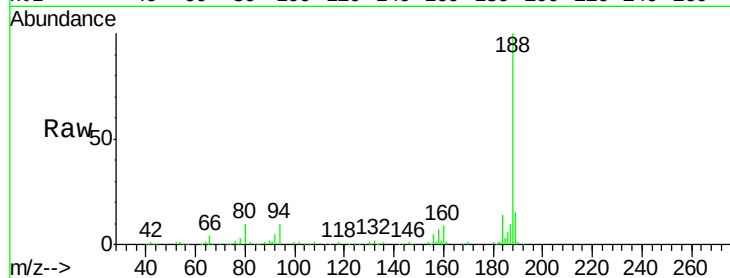
Tgt Ion:188 Resp: 303558

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

80 10.2 7.4 11.2

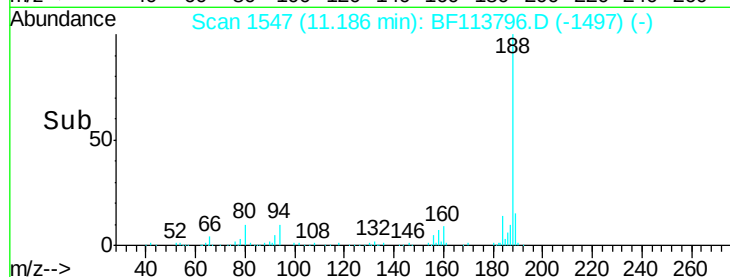


Abundance Ion 188.00 (187.70 to 188.70): E

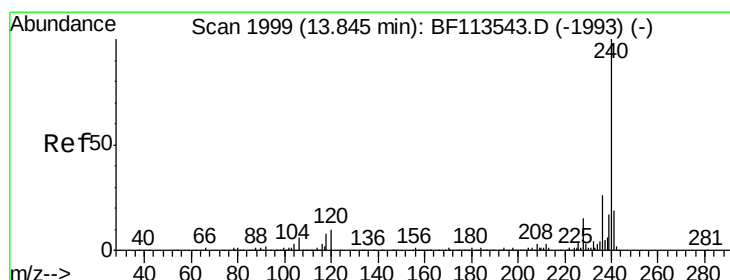
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

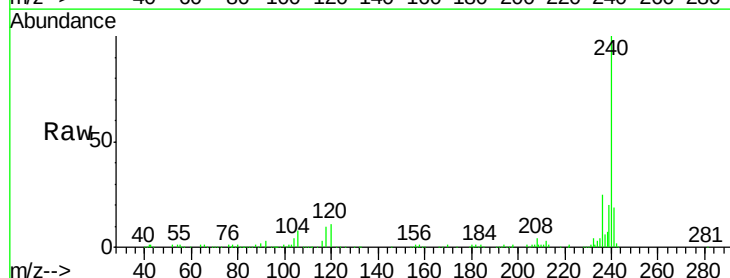
Tgt Ion:240 Resp: 257183

Ion Ratio Lower Upper

240 100

120 10.5 8.5 12.7

236 25.2 21.0 31.6

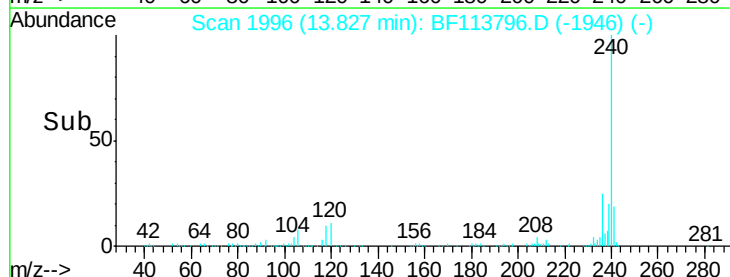


Abundance Ion 240.00 (239.70 to 240.70): E

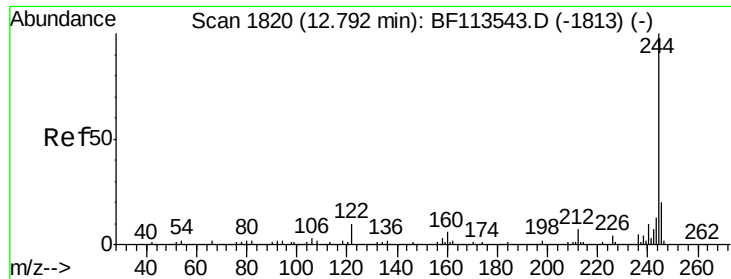
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



#79

Terphenyl-d14

Concen: 74.359 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

Instrument :

BNA_F

ClientSampleId :

SU-01-041519-A

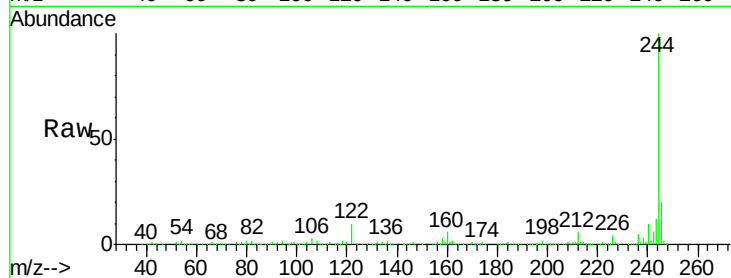
Tgt Ion:244 Resp: 939274

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

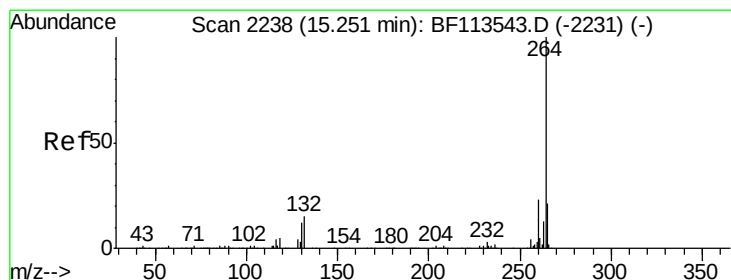
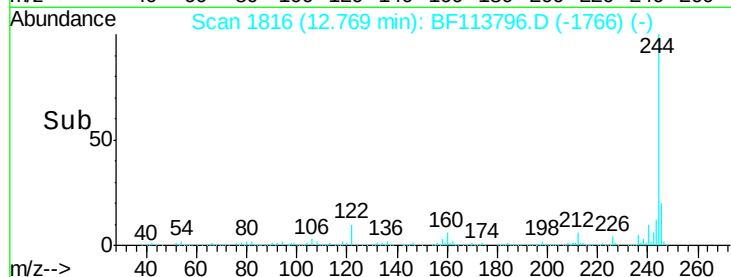
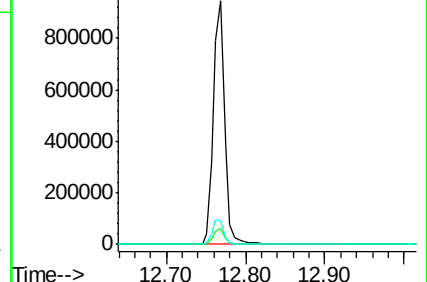
122 9.7 9.0 13.6



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: 15.24 min Scan# 2236

Delta R.T. 0.00 min

Lab File: BF113796.D

Acq: 16 Apr 2019 16:26

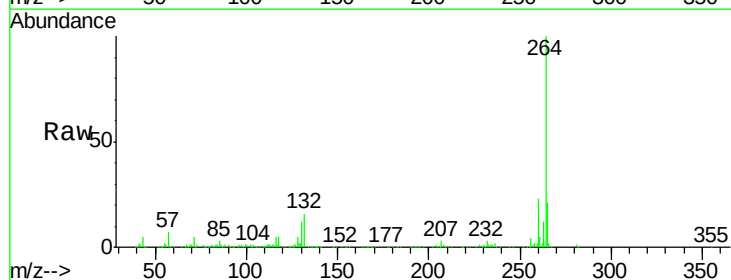
Tgt Ion:264 Resp: 317247

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 20.8 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

