

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115824.D
 Acq On : 27 Jul 2019 12:16
 Operator : HP/JU
 Sample : K3992-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:59:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

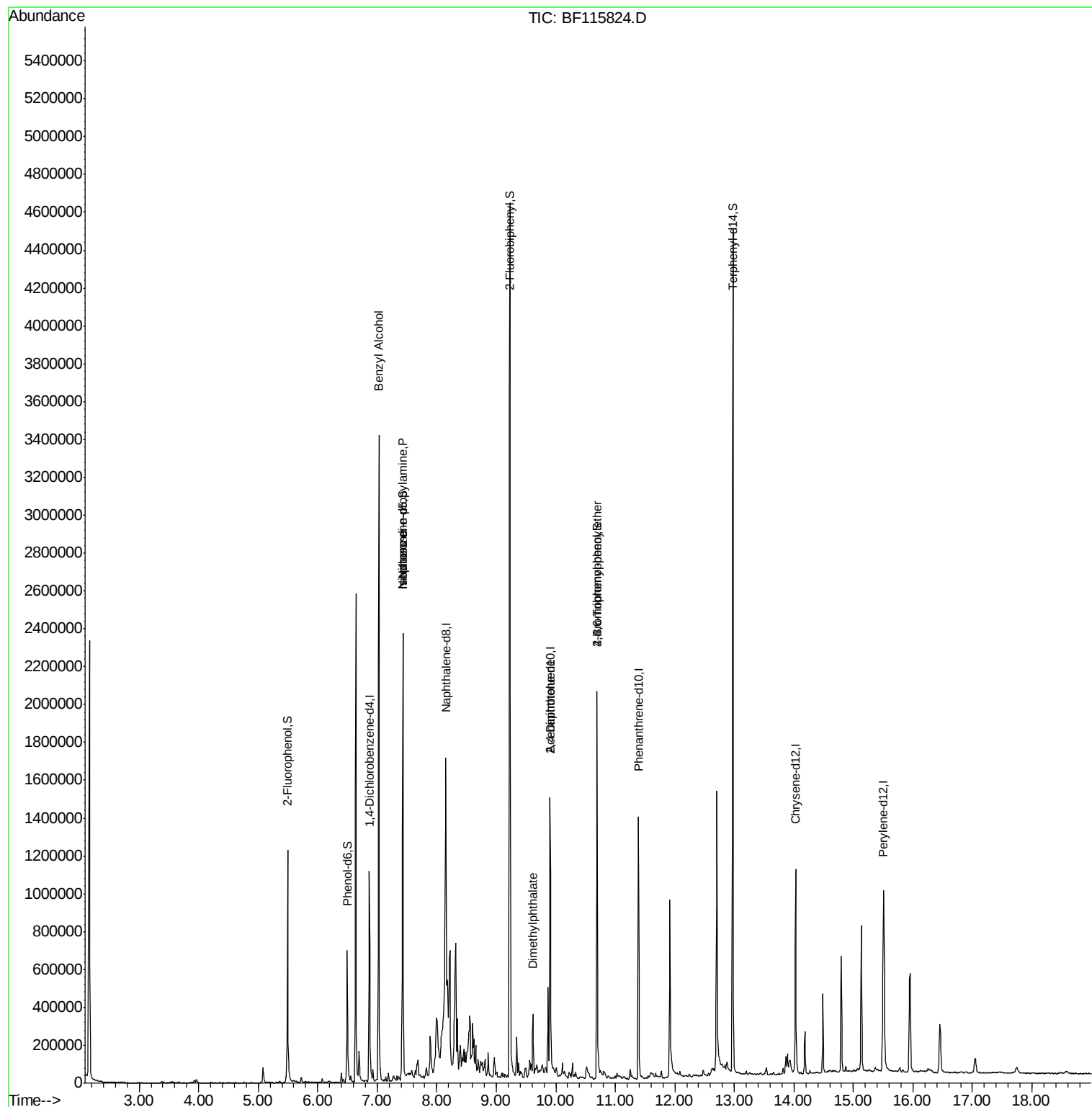
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	144179	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	542067	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	299967	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	523240	20.00	ng	0.00
76) Chrysene-d12	14.03	240	375472	20.00	ng	0.00
87) Perylene-d12	15.50	264	365352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	361301	40.99	ng	0.00
7) Phenol-d6	6.49	99	286568	25.62	ng	-0.01
23) Nitrobenzene-d5	7.43	82	895745	96.09	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	289407	82.66	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1600332	93.38	ng	0.00
79) Terphenyl-d14	12.97	244	1658160	81.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.03	79	18611	2.098	ng	# 43
19) n-Nitroso-di-n-propylamine	7.43	70	122938	16.854	ng	# 79
25) Isophorone	7.43	82	895732	48.018	ng	# 65
50) Dimethylphthalate	9.62	163	135374	5.998	ng	99
57) 2,4-Dinitrotoluene	9.90	165	38902	5.855	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	17339	2.900	ng	# 1

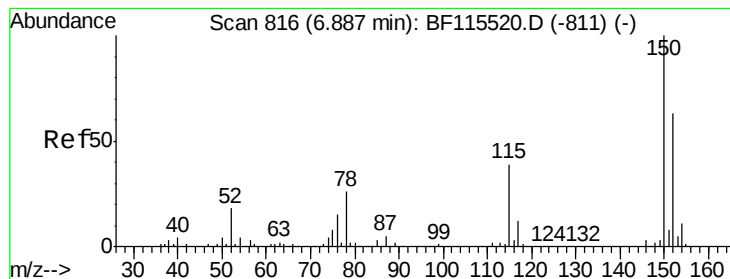
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 25 13:16:07 2019
Response via : Initial Calibration



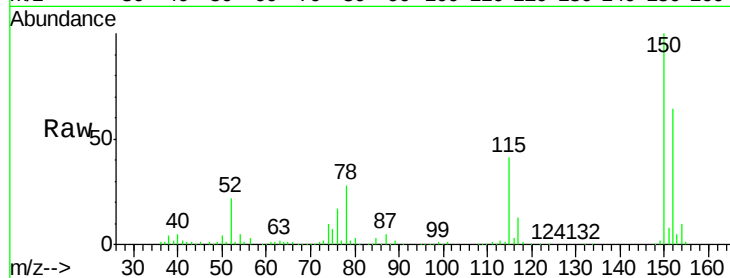


#1

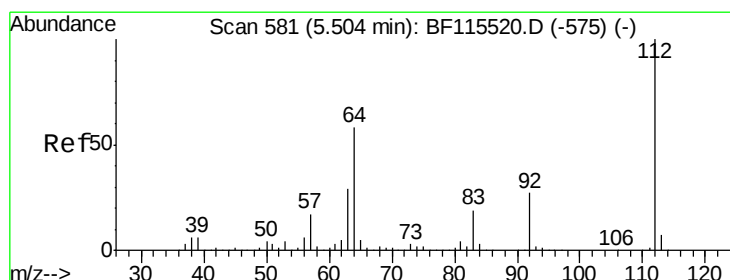
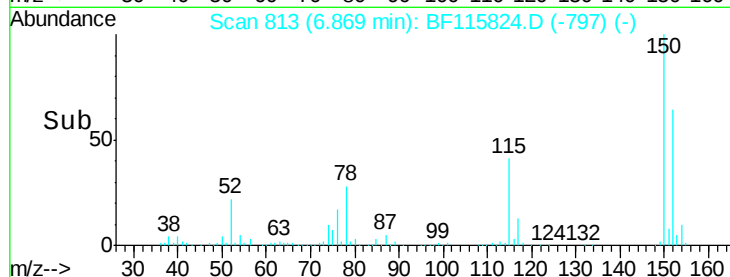
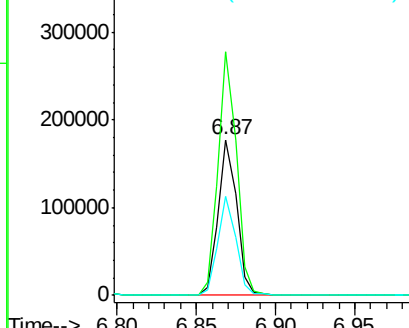
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 144179
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 63.8 47.8 71.6



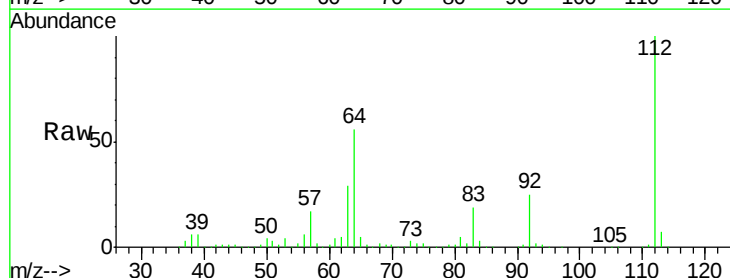
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



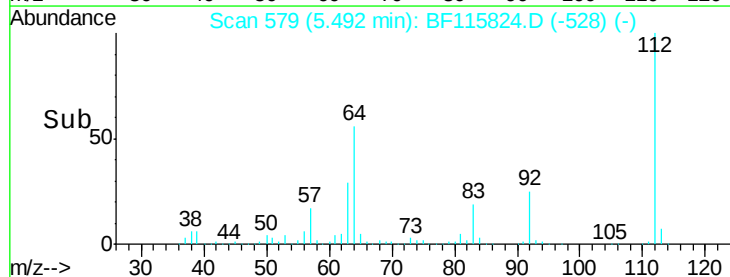
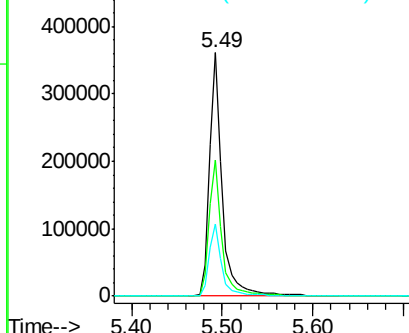
#5

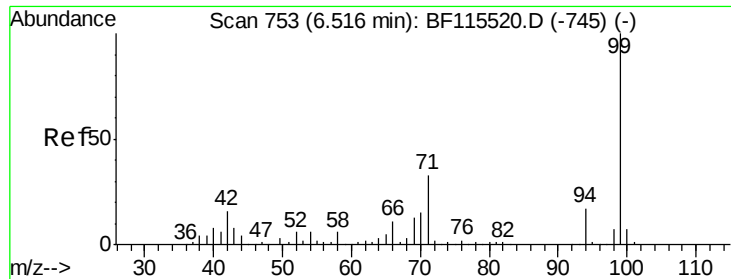
2-Fluorophenol
Concen: 40.990 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.00 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion:112 Resp: 361301
Ion Ratio Lower Upper
112 100
64 55.9 45.8 68.8
63 29.5 23.6 35.4



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: 25.622 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF115824.D

Acq: 27 Jul 2019 12:16

Instrument :

BNA_F

ClientSampleId :

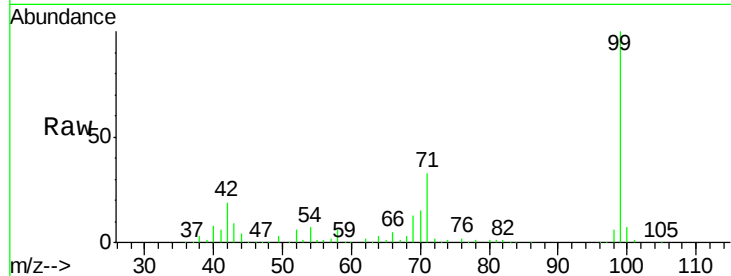
Tot Ion: 99 Resp: 286568

Ion Ratio Lower Upper

99 100

42 18.6 13.4 20.2

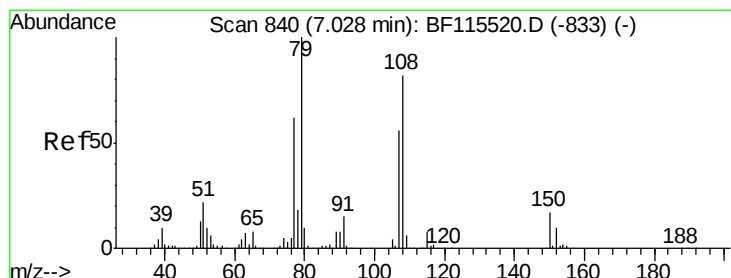
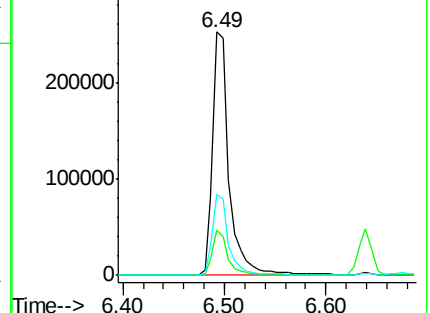
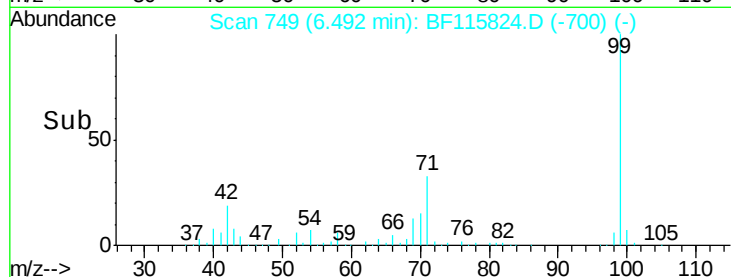
71 33.2 26.7 40.1



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



#15

Benzyl Alcohol

Concen: 2.098 ng

RT: 7.03 min Scan# 840

Delta R.T. 0.01 min

Lab File: BF115824.D

Acq: 27 Jul 2019 12:16

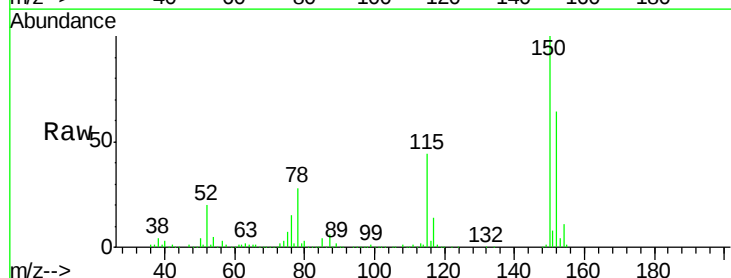
Tgt Ion: 79 Resp: 18611

Ion Ratio Lower Upper

79 100

108 33.1 65.4 98.2#

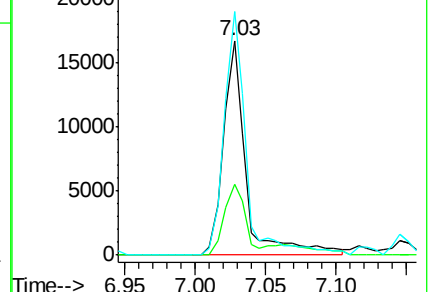
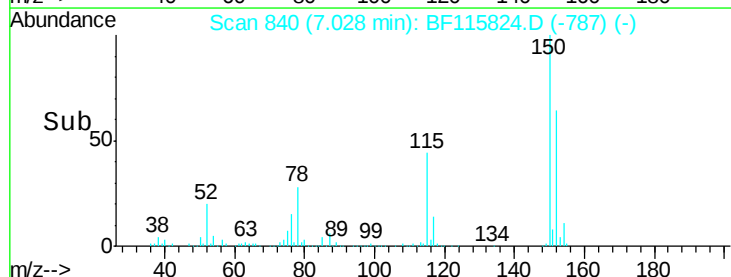
77 113.6 52.7 79.1#

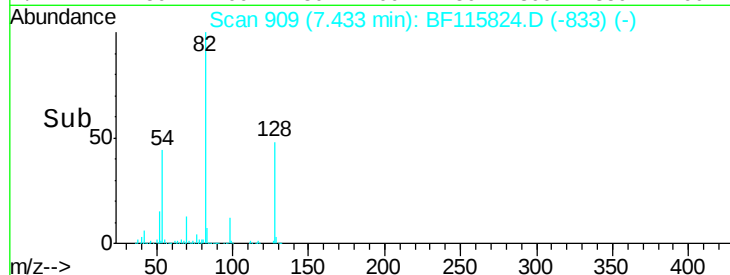
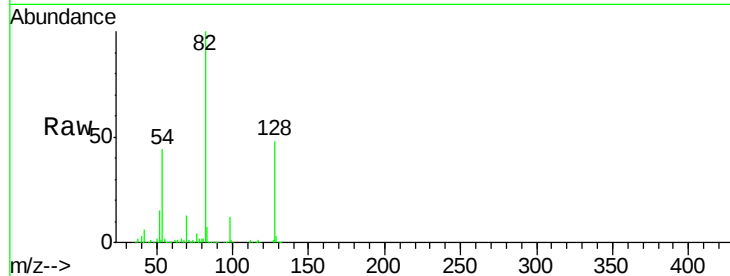
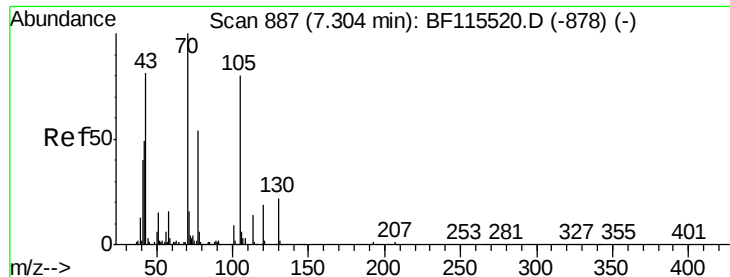


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

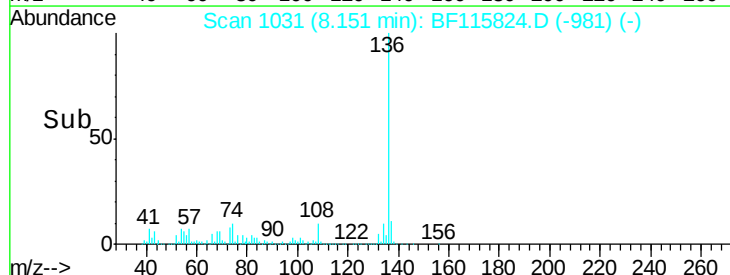
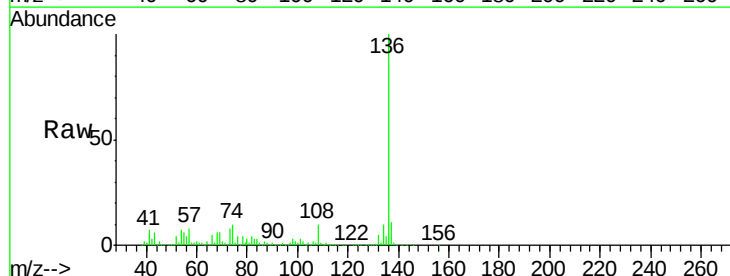
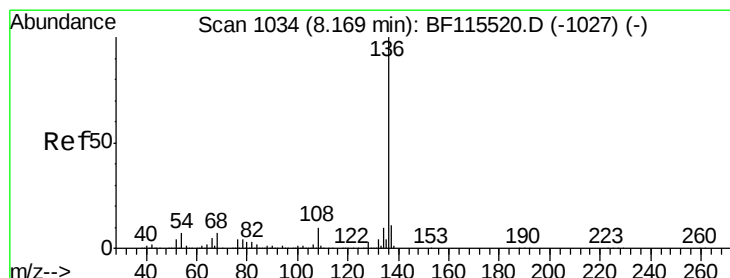
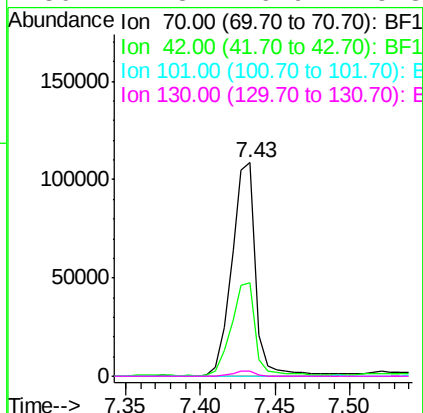




#19
n-Nitroso-di-n-propylamine
Concen: 16.854 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.15 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

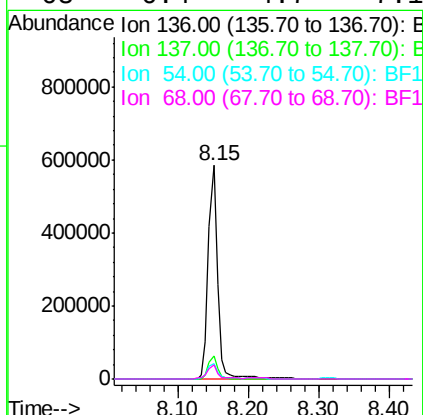
Instrument :
BNA_F
ClientSampleId :

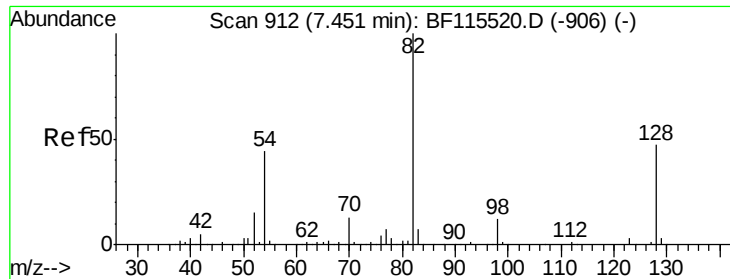
Tot Ion: 70 Resp: 122938
Ion Ratio Lower Upper
70 100
42 43.8 41.8 62.8
101 0.0 7.6 11.4#
130 2.3 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion: 136 Resp: 542067
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.1 5.0 7.6
68 6.4 4.7 7.1

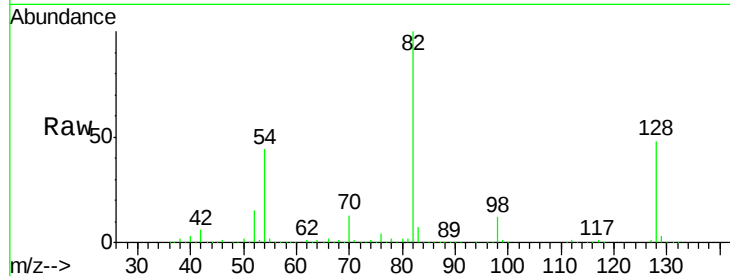




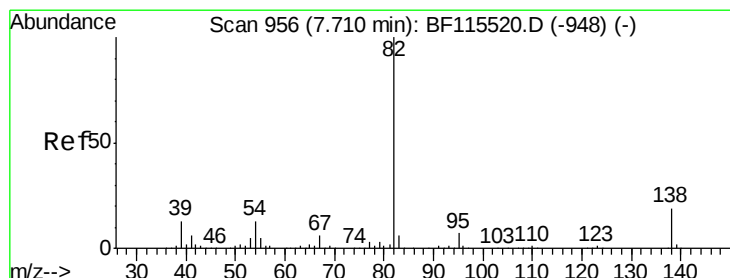
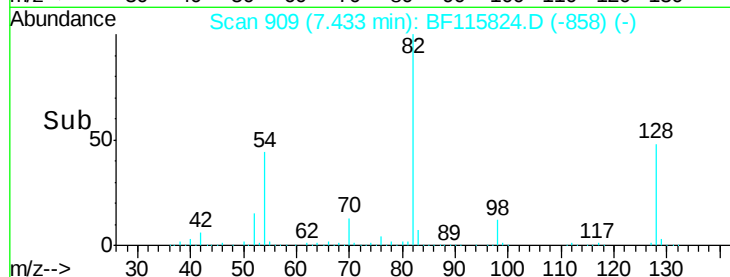
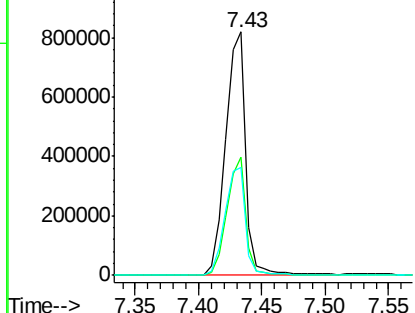
#23
Nitrobenzene-d5
Concen: 96.085 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	895745
Ion Ratio	Lower	Upper	
82	100		
128	48.3	36.6	55.0
54	44.3	36.6	54.8

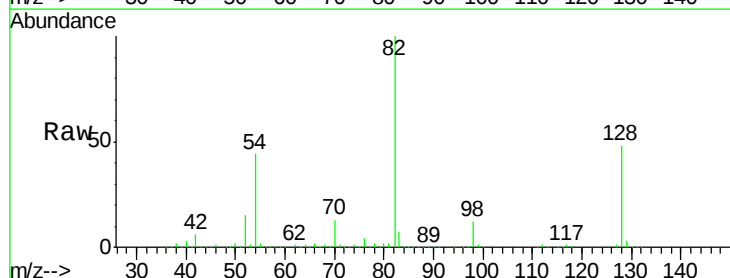


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

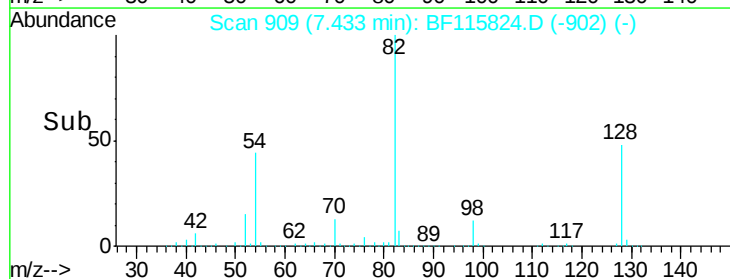
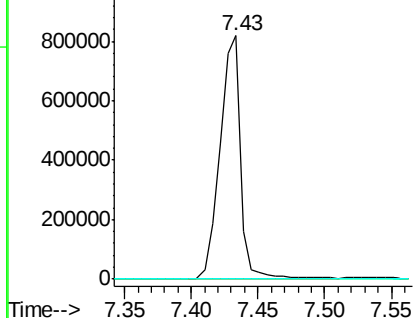


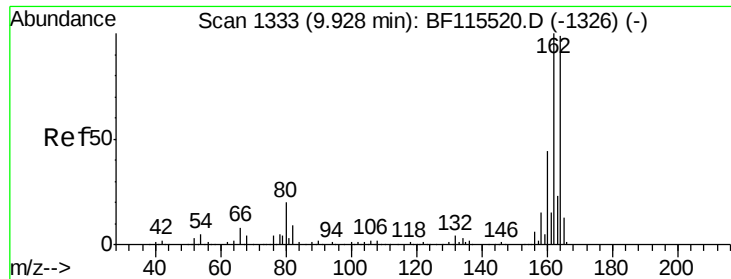
#25
Isophorone
Concen: 48.018 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.26 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion	82	Resp	895732
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.6	8.4#
138	0.0	14.2	21.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

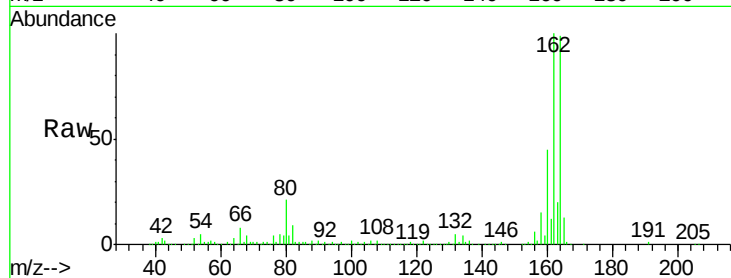




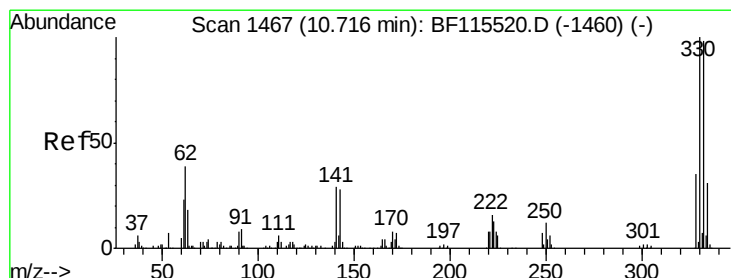
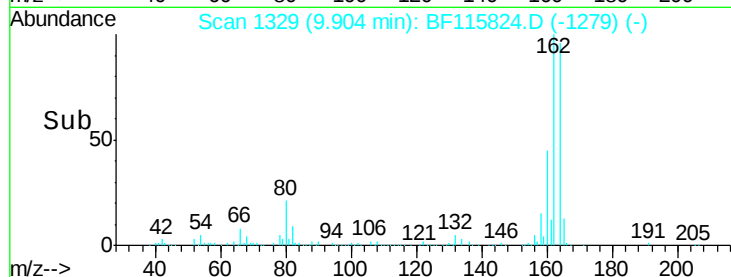
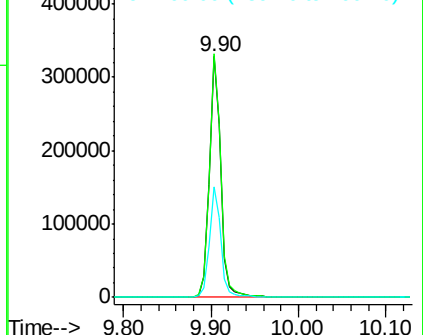
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	45.7	37.5	56.3

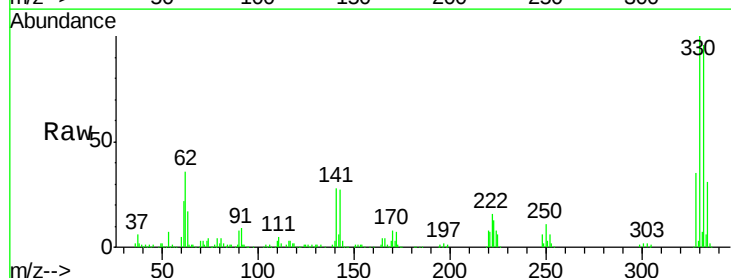


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

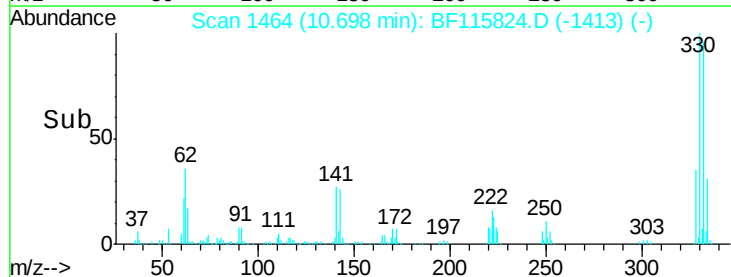
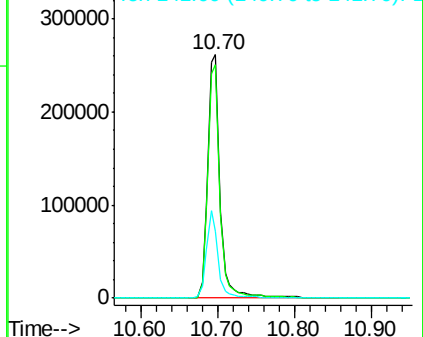


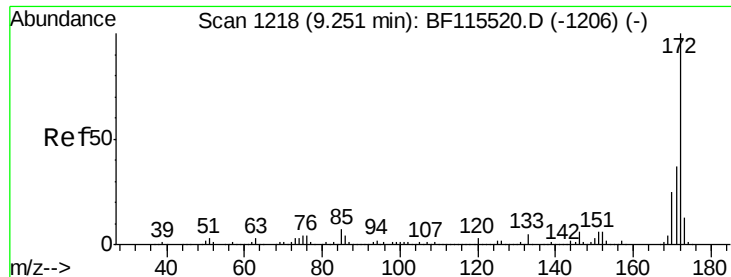
#42
2,4,6-Tribromophenol
Concen: 82.656 ng
RT: 10.70 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.1	114.1
141	34.1	25.9	38.9



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

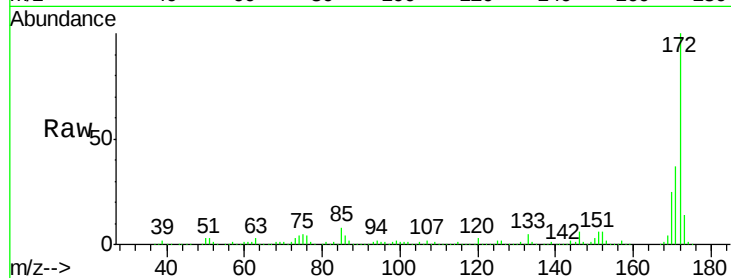




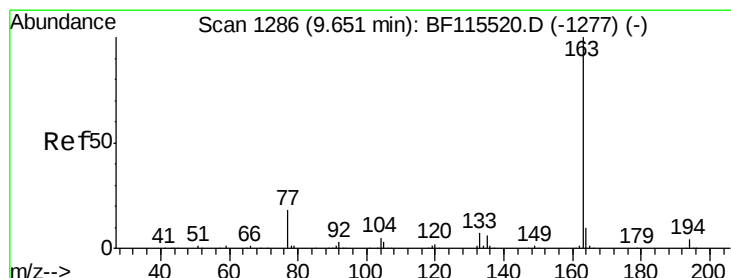
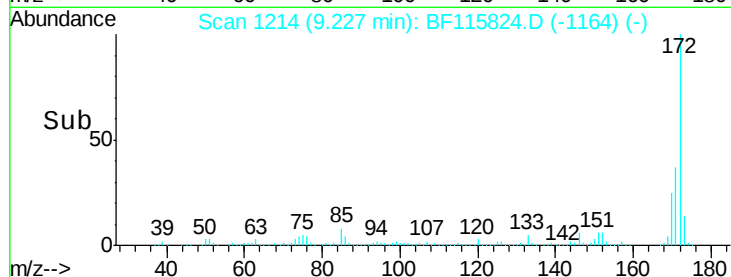
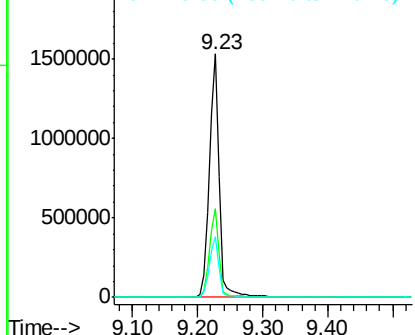
#45
2-Fluorobiphenyl
Concen: 93.378 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1600332
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.4
170 25.1 20.1 30.1

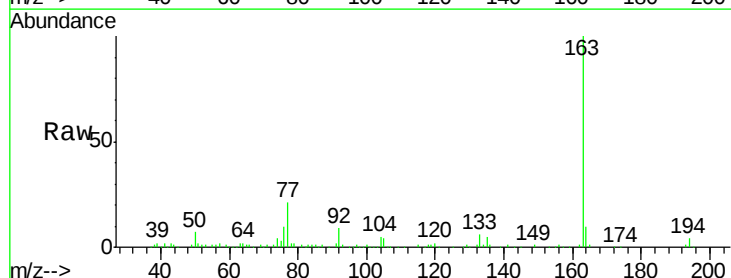


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

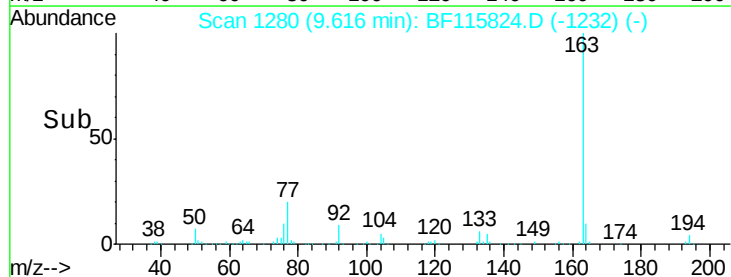
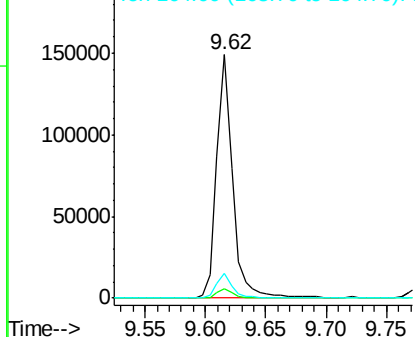


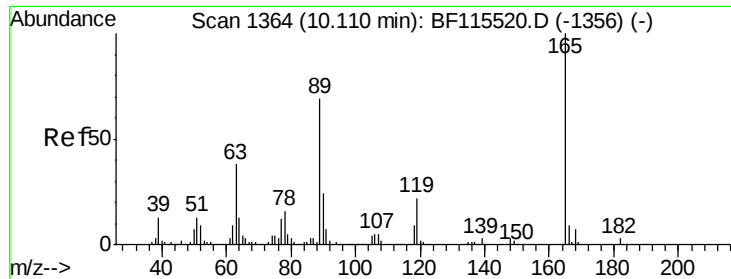
#50
Dimethylphthalate
Concen: 5.998 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion:163 Resp: 135374
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

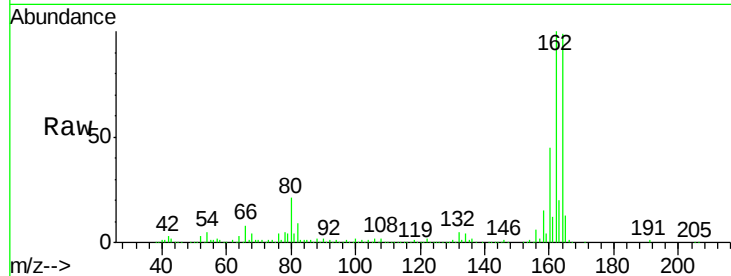




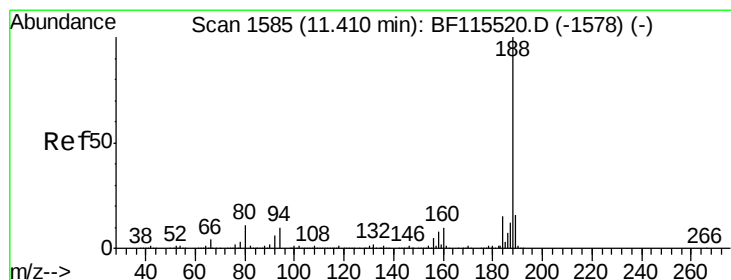
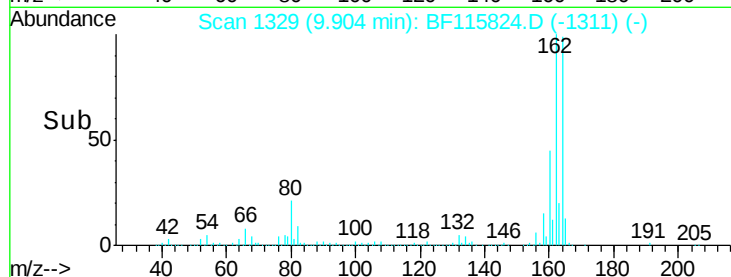
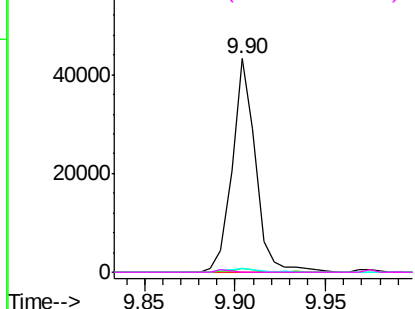
#57
2,4-Dinitrotoluene
Concen: 5.855 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 38902
Ion Ratio Lower Upper
165 100
63 1.6 33.4 50.2#
89 1.9 57.3 85.9#
182 0.0 2.1 3.1#

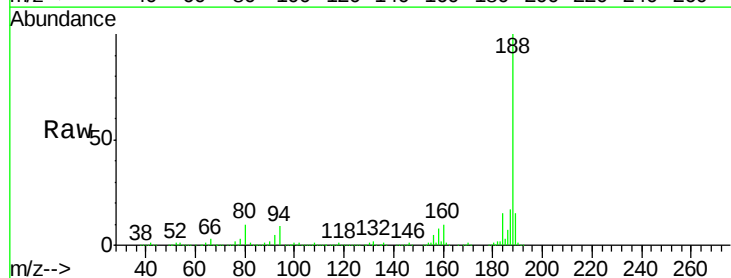


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

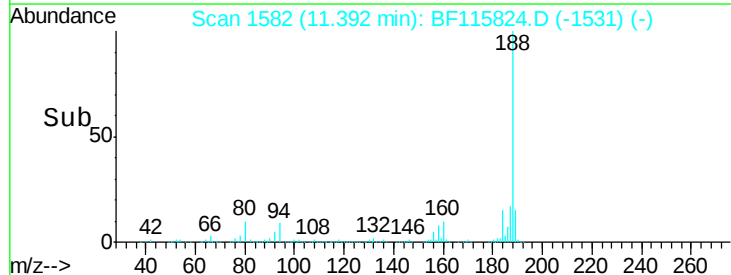
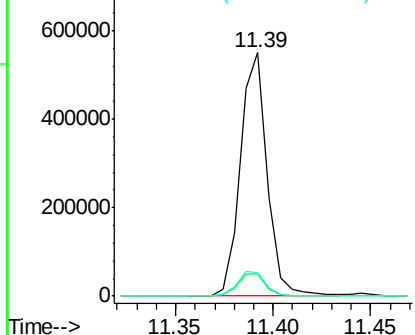


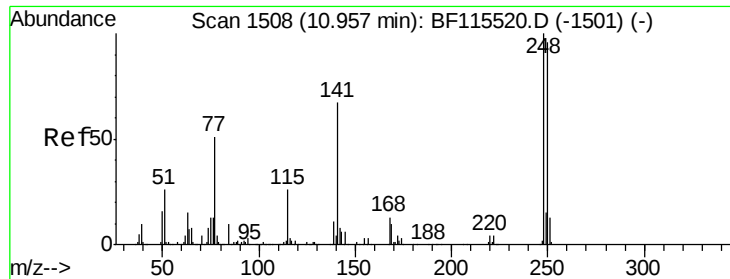
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion:188 Resp: 523240
Ion Ratio Lower Upper
188 100
94 8.9 8.2 12.2
80 9.8 9.0 13.6



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

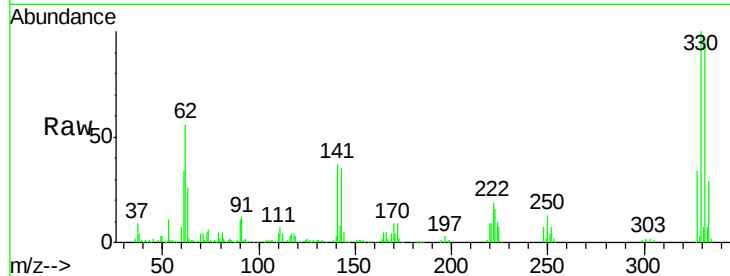




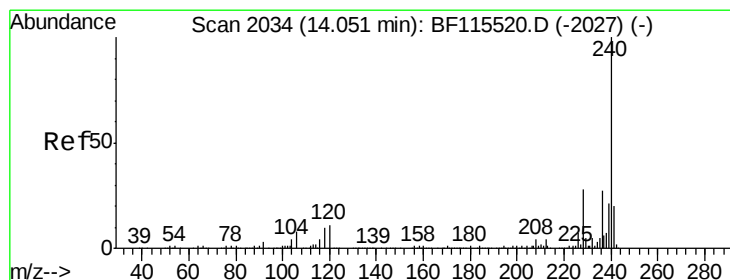
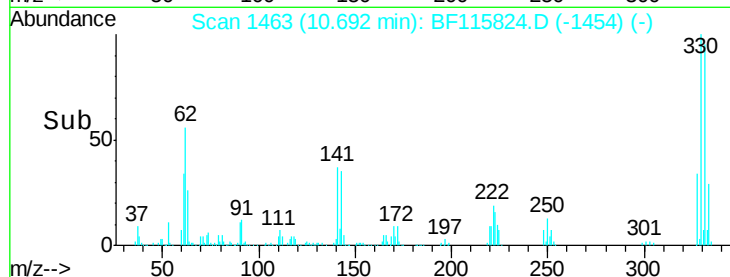
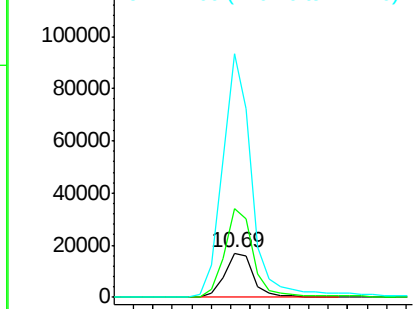
#67
4-Bromophenyl-phenylether
Concen: 2.900 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 17339
Ion Ratio Lower Upper
248 100
250 201.9 77.0 115.4#
141 551.9 52.1 78.1#

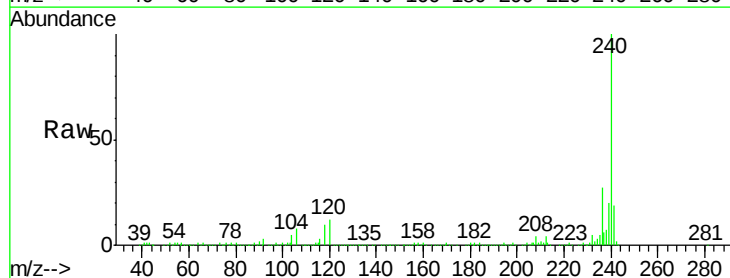


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

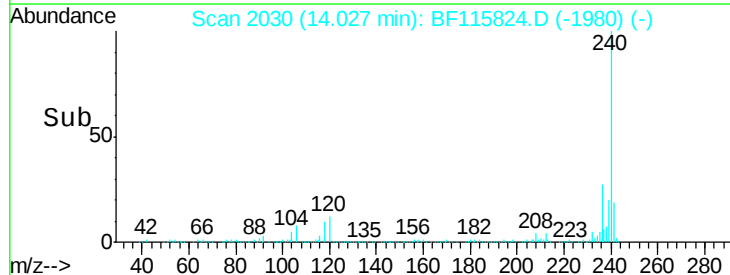
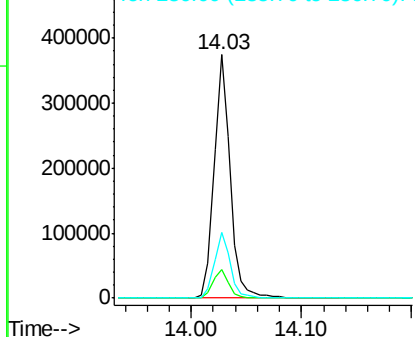


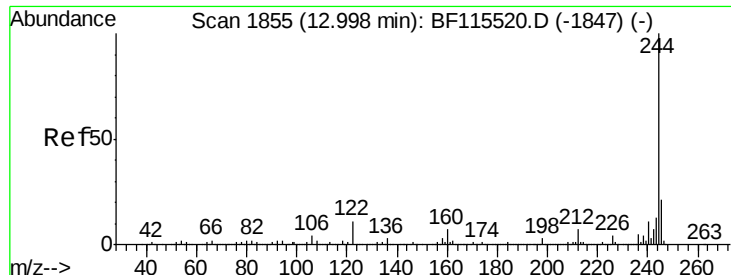
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115824.D
Acq: 27 Jul 2019 12:16

Tgt Ion:240 Resp: 375472
Ion Ratio Lower Upper
240 100
120 11.8 10.0 15.0
236 27.1 21.8 32.6



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





#79

Terphenyl-d14

Concen: 81.486 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BF115824.D

Acq: 27 Jul 2019 12:16

Instrument :

BNA_F

ClientSampleId :

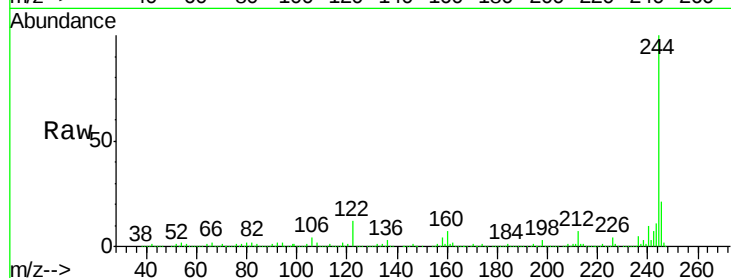
Tot Ion:244 Resp: 1658160

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

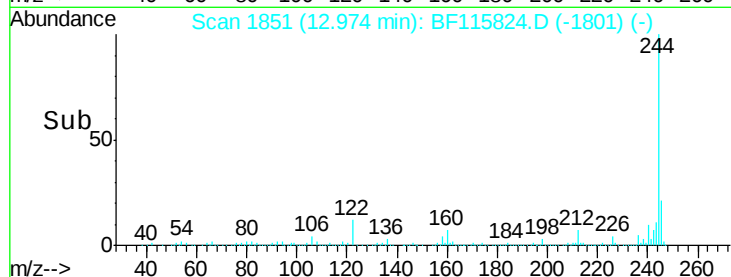
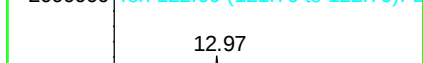
122 12.0 8.2 12.4



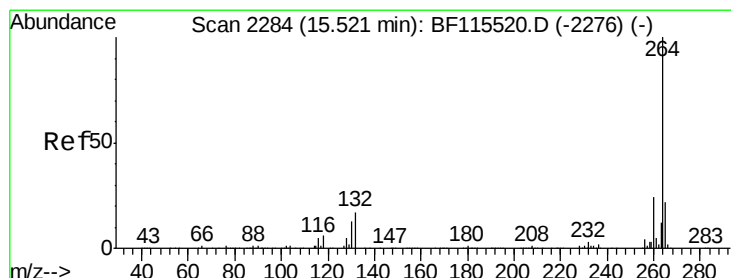
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BF115824.D

Acq: 27 Jul 2019 12:16

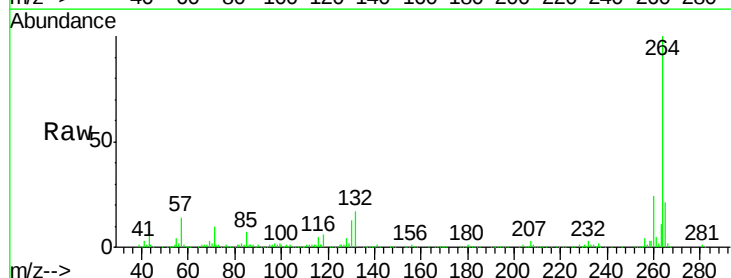
Tgt Ion:264 Resp: 365352

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.6

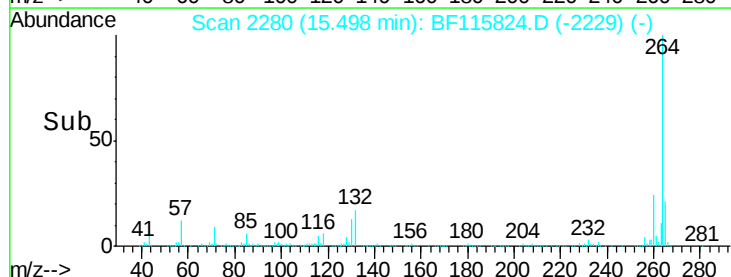
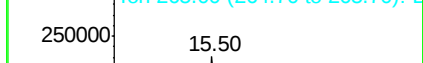
265 21.2 17.5 26.3



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



Time-->