

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116070.D
 Acq On : 8 Aug 2019 15:46
 Operator : HP/JU
 Sample : K4148-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:11:30 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

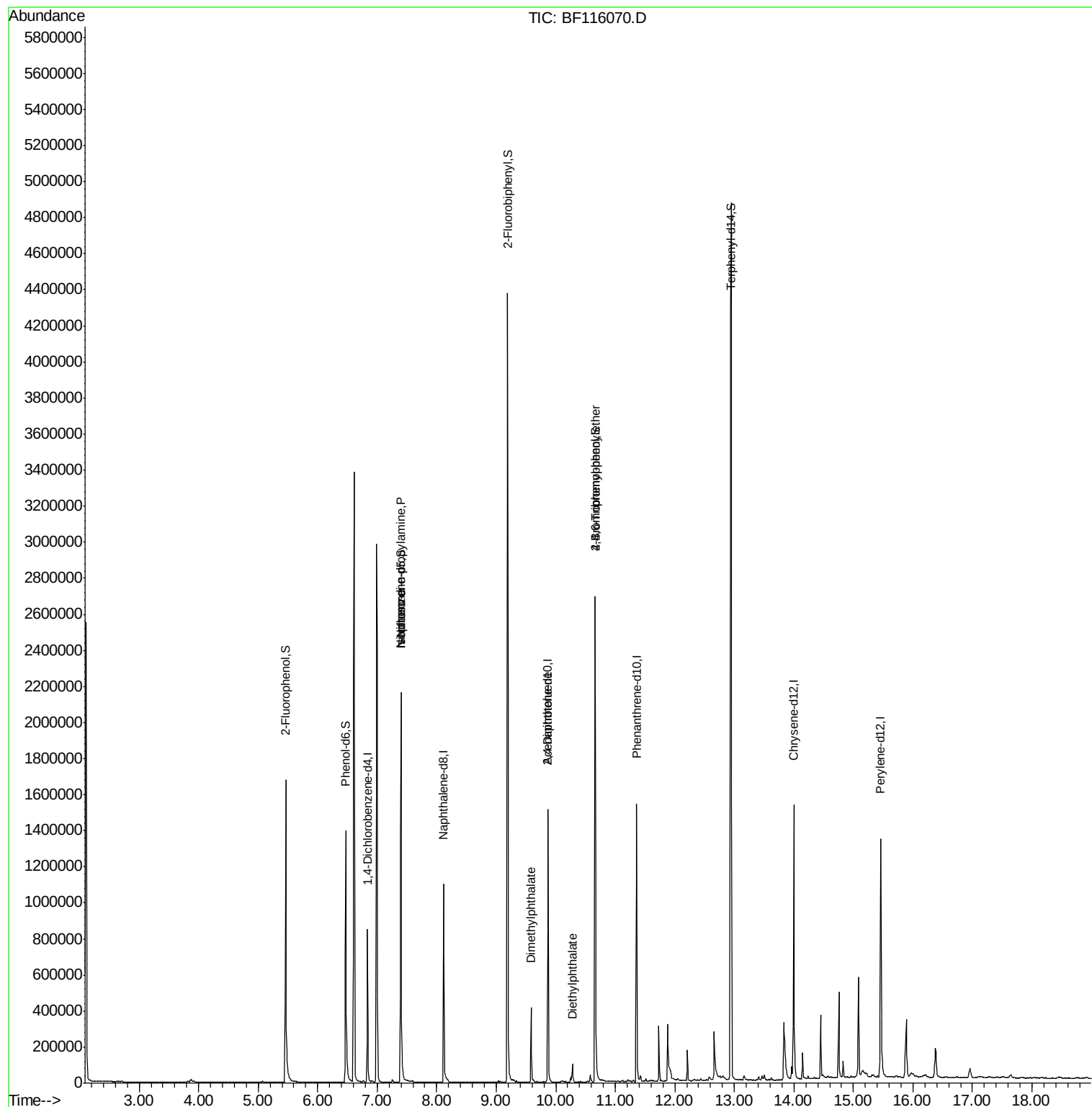
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	138941	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	534169	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	294646	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	567008	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	514387	20.00	ng	-0.01
87) Perylene-d12	15.46	264	501910	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	575877	69.39	ng	0.00
7) Phenol-d6	6.47	99	546542	52.19	ng	-0.02
23) Nitrobenzene-d5	7.40	82	858211	92.74	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	382370	133.85	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1437003	91.35	ng	-0.01
79) Terphenyl-d14	12.94	244	1989897	81.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	114516	17.648	ng	# 79
25) Isophorone	7.40	82	858202	48.500	ng	# 65
50) Dimethylphthalate	9.59	163	203013	10.119	ng	99
57) 2,4-Dinitrotoluene	9.87	165	37293	6.425	ng	# 20
60) Diethylphthalate	10.28	149	37782	2.017	ng	96
67) 4-Bromophenyl-phenylether	10.66	248	23404	3.856	ng	# 1

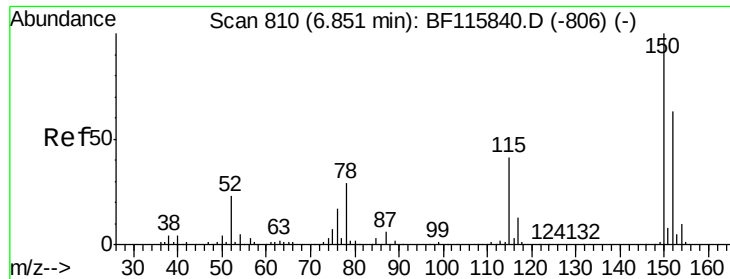
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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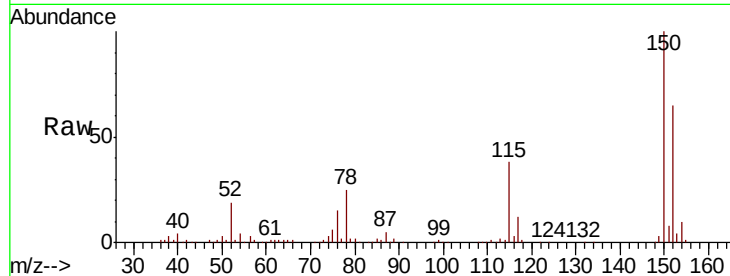


#1

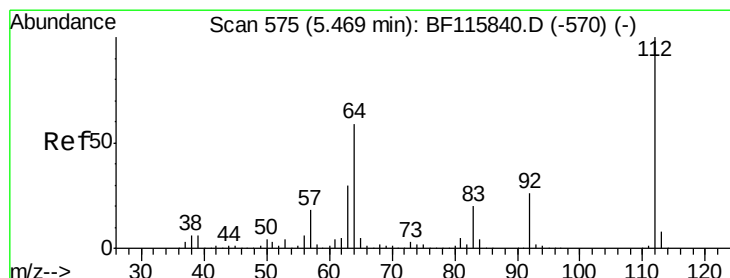
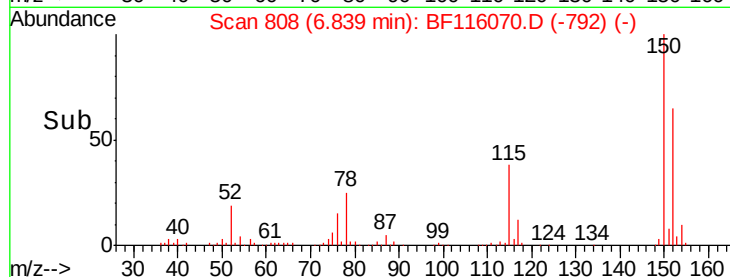
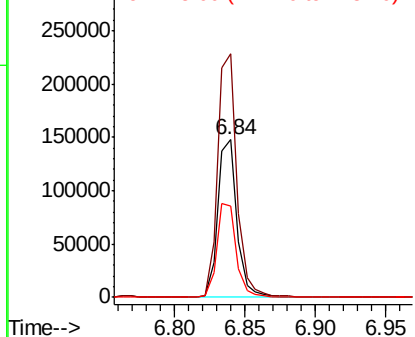
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138941
Ion Ratio Lower Upper
152 100
150 154.4 126.2 189.2
115 58.0 49.9 74.9



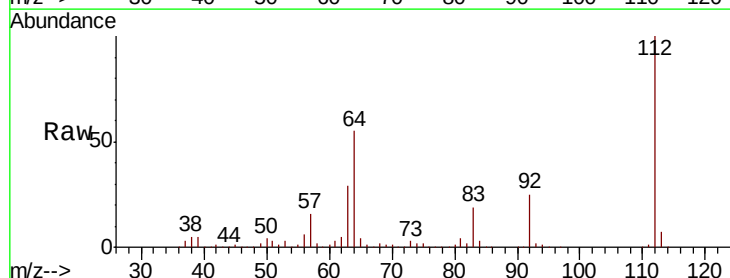
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



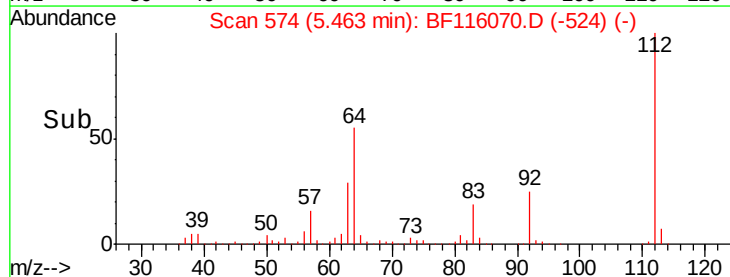
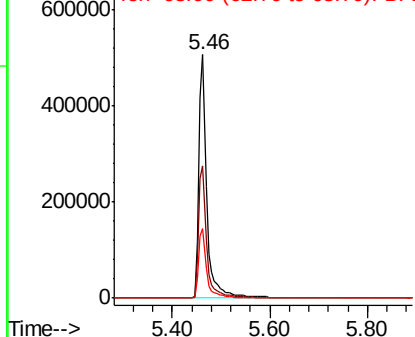
#5

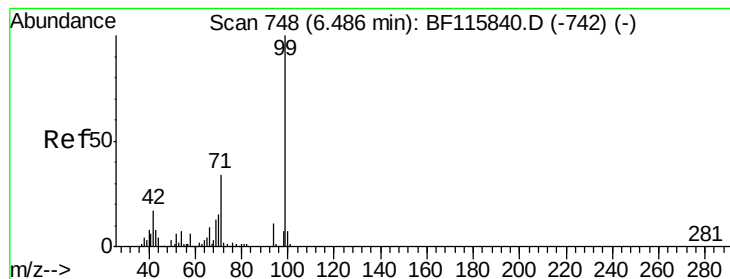
2-Fluorophenol
Concen: 69.386 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Tgt Ion:112 Resp: 575877
Ion Ratio Lower Upper
112 100
64 54.5 45.4 68.2
63 28.6 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: 52.194 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF116070.D

Acq: 8 Aug 2019 15:46

Instrument :

BNA_F

ClientSampleId :

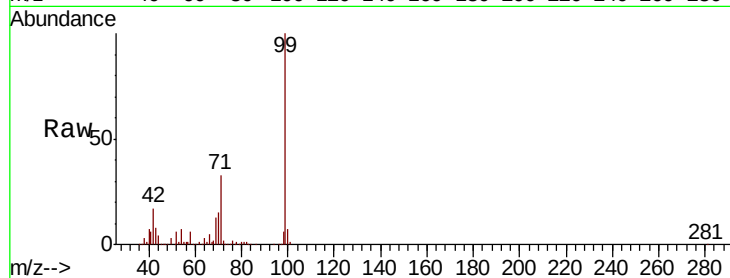
Tot Ion: 99 Resp: 546542

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.8

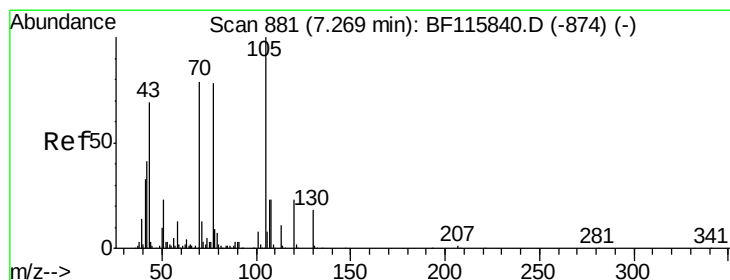
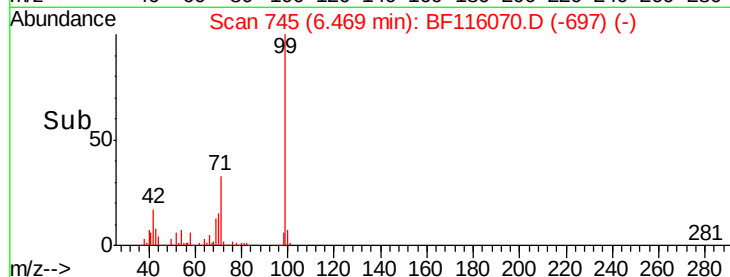
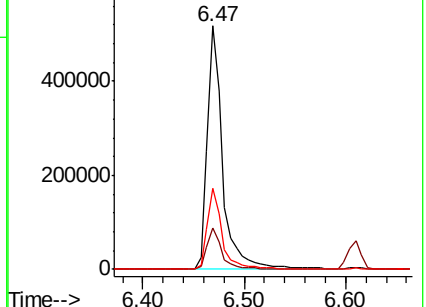
71 33.4 27.3 40.9



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.648 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116070.D

Acq: 8 Aug 2019 15:46

Tgt Ion: 70 Resp: 114516

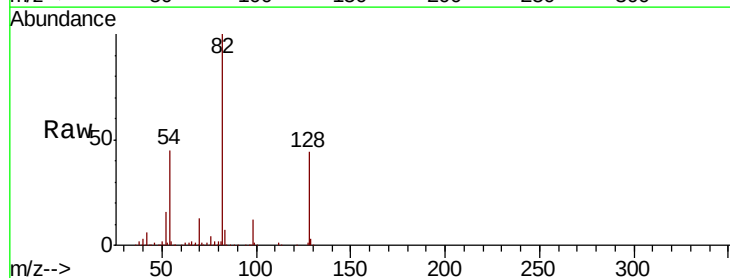
Ion Ratio Lower Upper

70 100

42 43.2 40.9 61.3

101 0.0 7.9 11.9#

130 2.2 16.9 25.3#

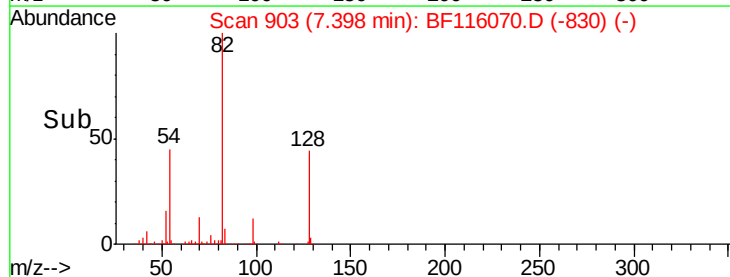
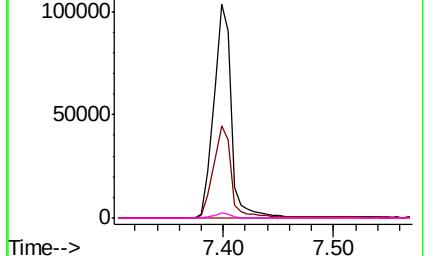


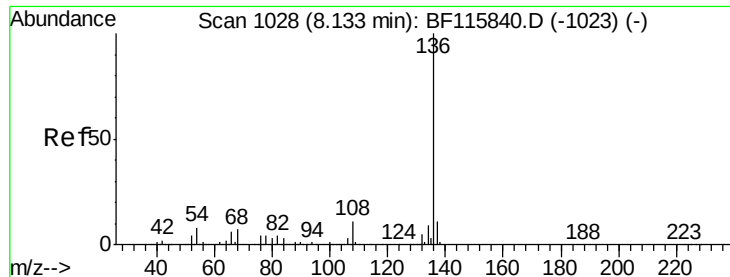
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

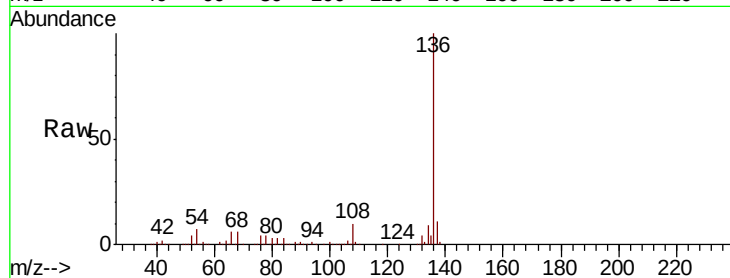




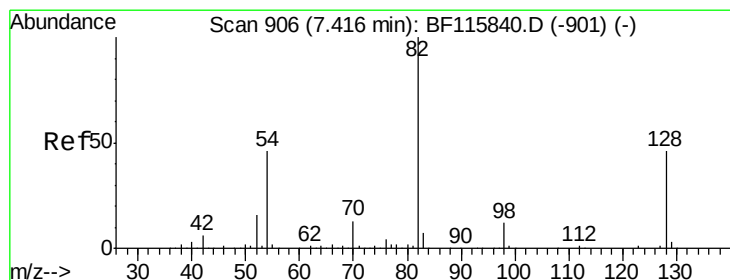
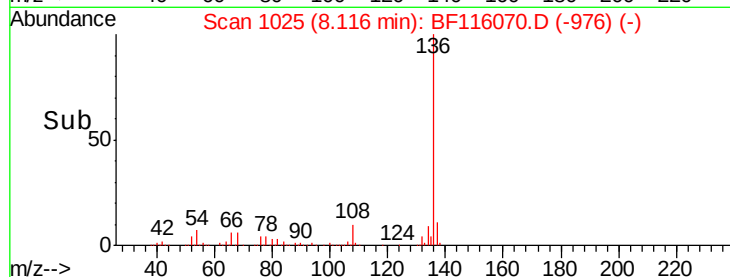
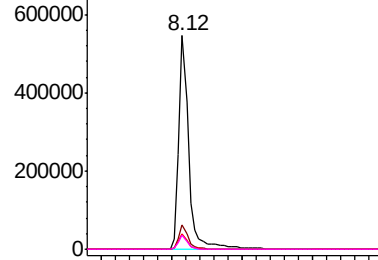
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	534169
Ion	Ratio	Lower Upper
136	100	
137	11.2	9.0 13.4
54	7.1	5.8 8.6
68	6.4	5.2 7.8

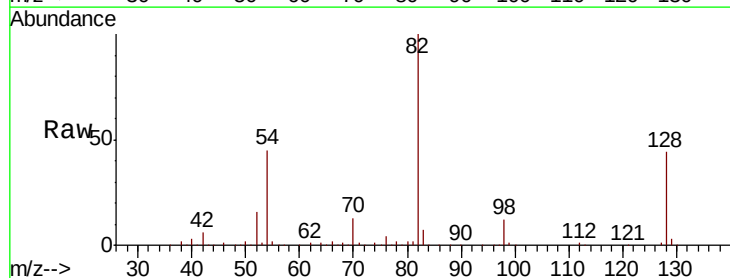


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

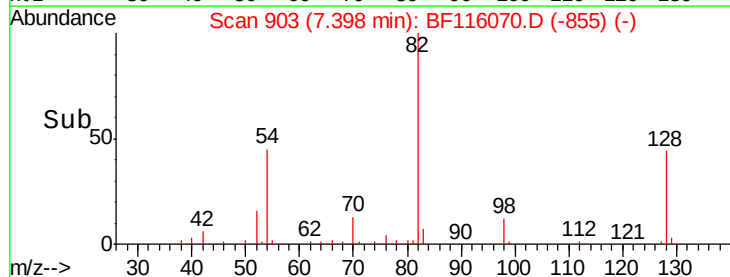
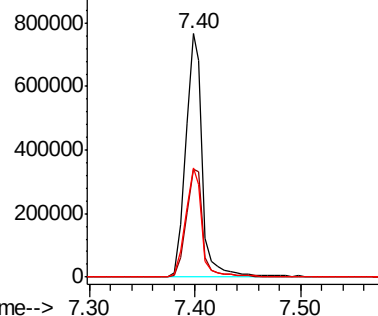


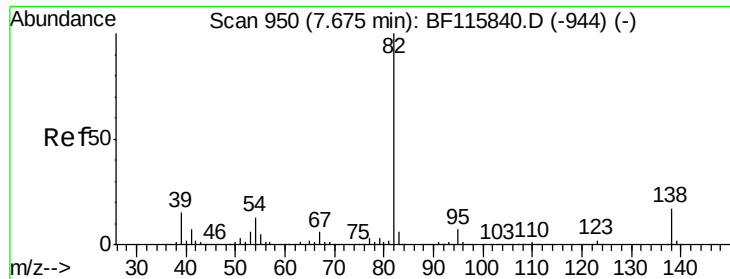
#23
Nitrobenzene-d5
Concen: 92.740 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 82	Resp:	858211
Ion	Ratio	Lower Upper
82	100	
128	44.2	36.5 54.7
54	45.0	36.0 54.0



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

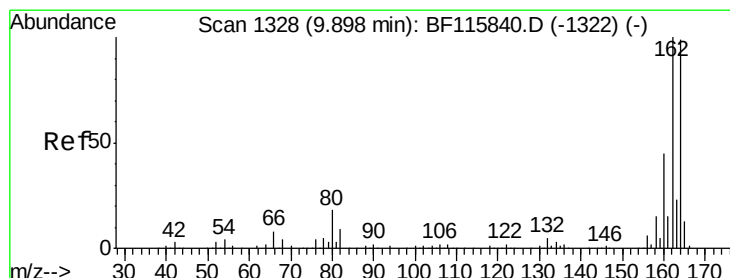
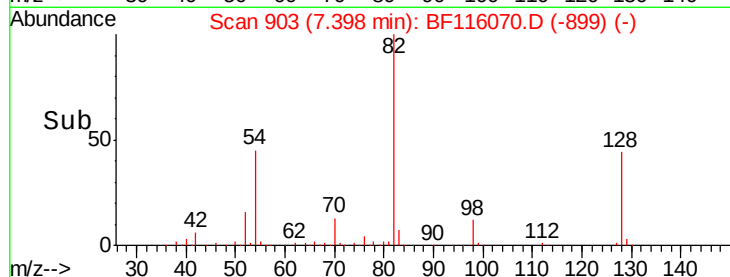
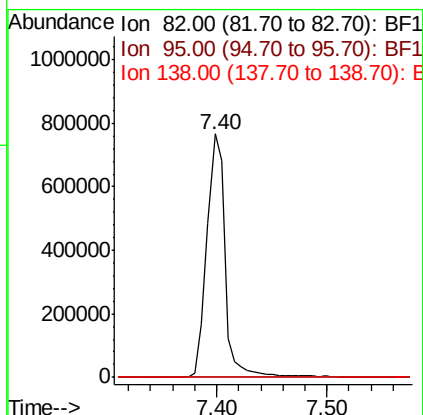
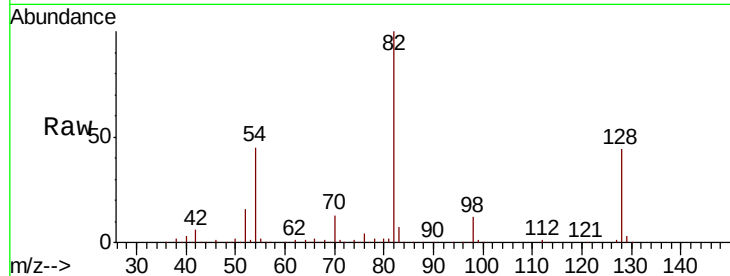




#25
Isophorone
Concen: 48.500 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.28 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

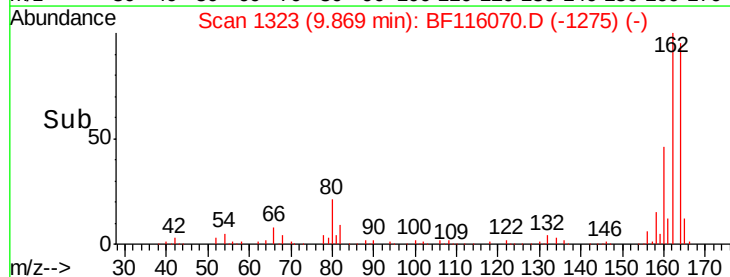
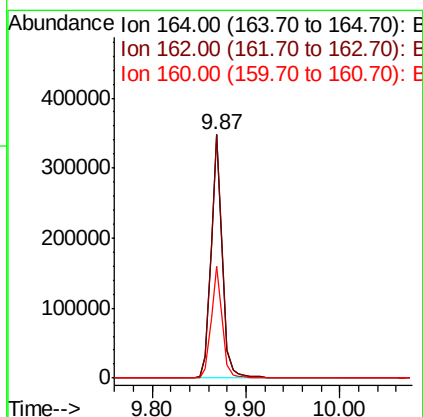
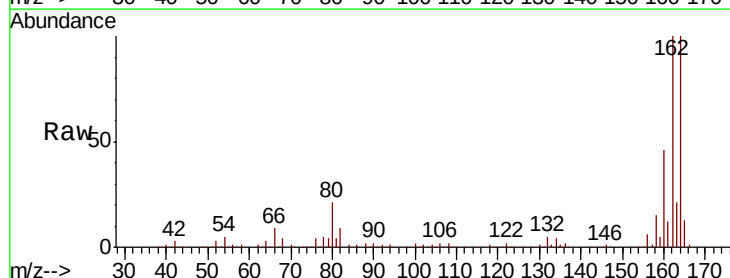
Instrument :
BNA_F
ClientSampleId :

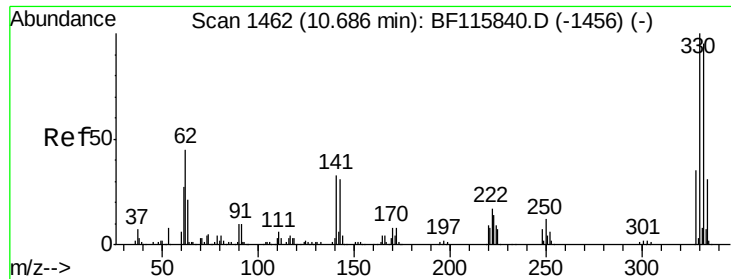
Tot Ion: 82 Resp: 858202
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Tgt Ion: 164 Resp: 294646
Ion Ratio Lower Upper
164 100
162 99.9 82.6 124.0
160 45.9 37.6 56.4

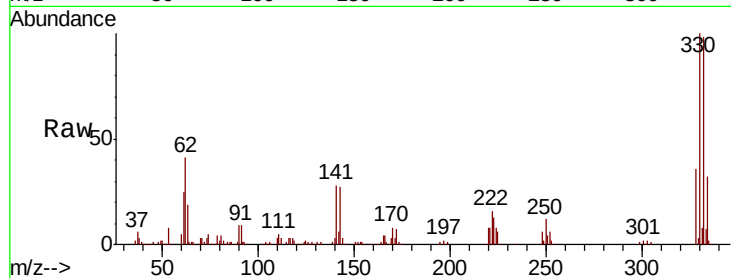




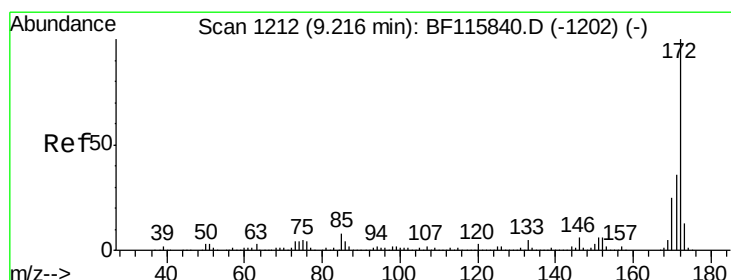
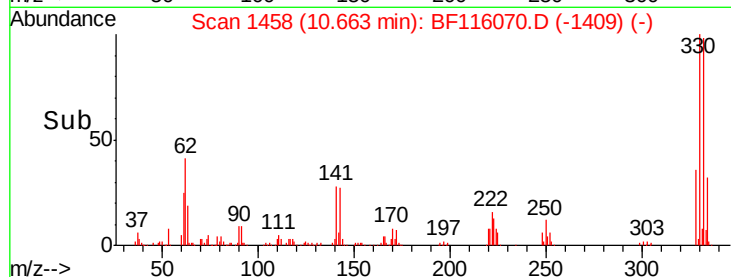
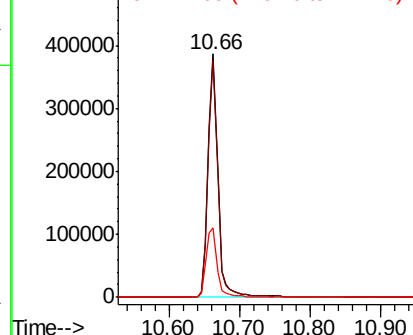
#42
 2,4,6-Tribromophenol
 Concen: 133.851 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.01 min
 Lab File: BF116070.D
 Acq: 8 Aug 2019 15:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 382370
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.8 115.2
 141 32.0 26.3 39.5

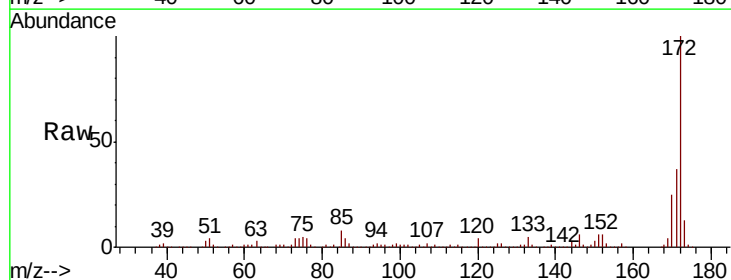


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

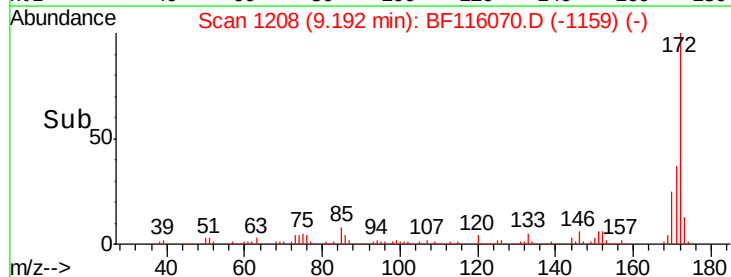
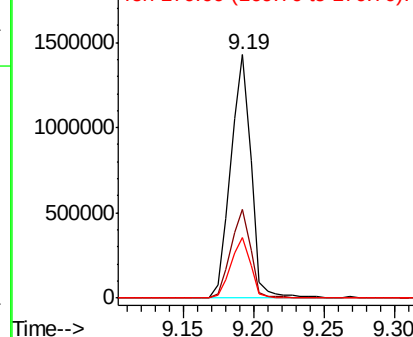


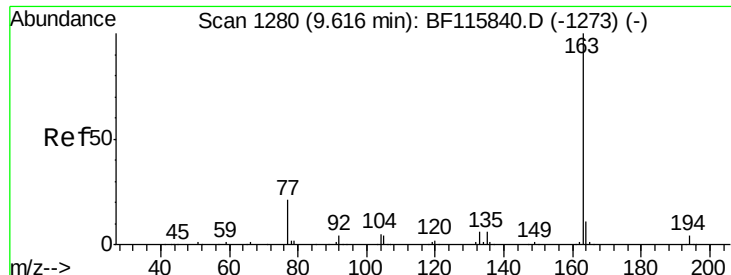
#45
 2-Fluorobiphenyl
 Concen: 91.351 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF116070.D
 Acq: 8 Aug 2019 15:46

Tgt Ion:172 Resp: 1437003
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 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

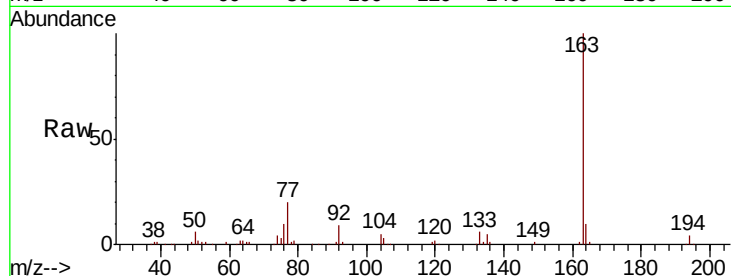




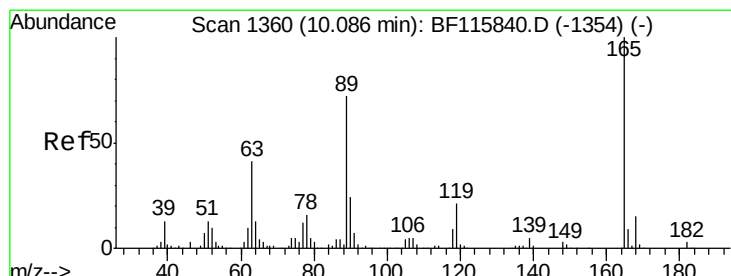
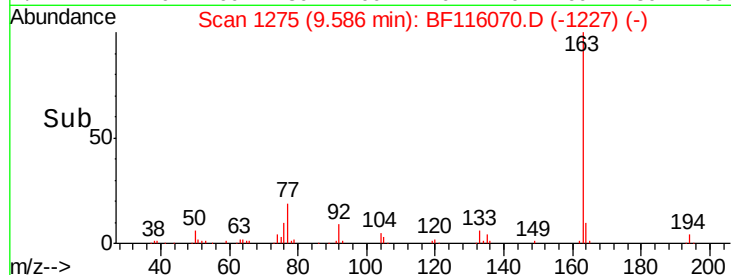
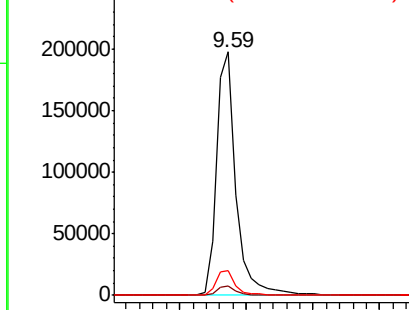
#50
Dimethylphthalate
Concen: 10.119 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp: 203013
Ion Ratio	Lower Upper
163 100	
194 4.0	3.0 4.6
164 10.0	8.4 12.6

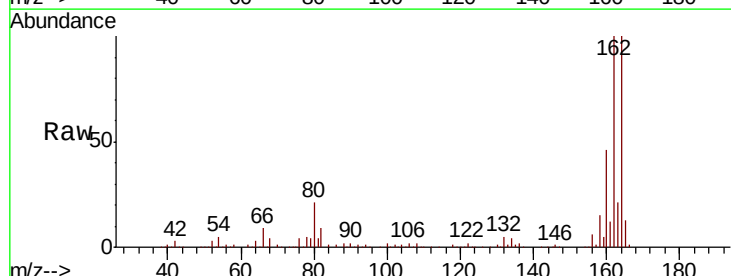


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

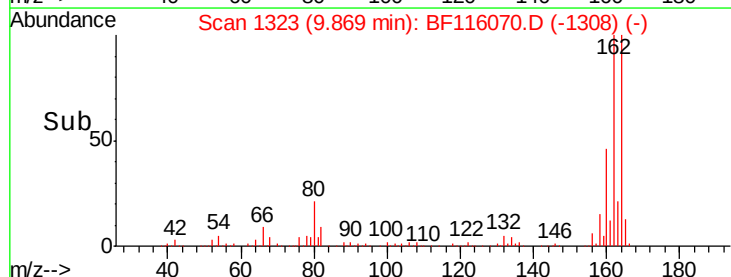
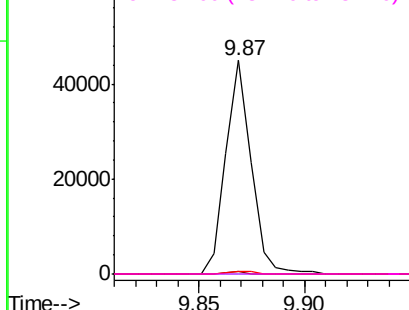


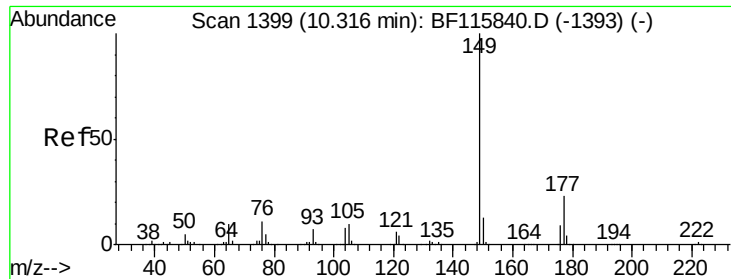
#57
2,4-Dinitrotoluene
Concen: 6.425 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116070.D
Acq: 8 Aug 2019 15:46

Tgt	Ion:165	Resp:	37293
Ion	Ratio	Lower	Upper
165	100		
63	0.9	39.6	59.4#
89	1.2	62.2	93.2#
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





#60

Diethylphthalate

Concen: 2.017 ng

RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF116070.D

Acq: 8 Aug 2019 15:46

Instrument :

BNA_F

ClientSampled :

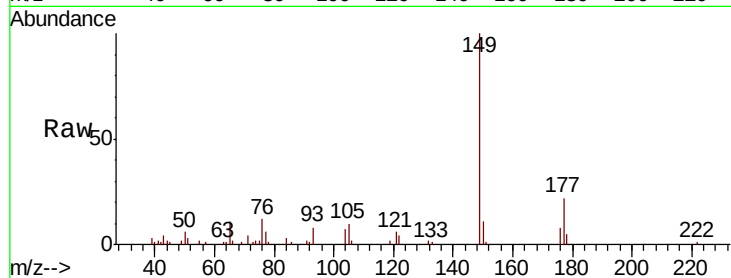
Tot Ion:149 Resp: 37782

Ion Ratio Lower Upper

149 100

177 21.8 18.8 28.2

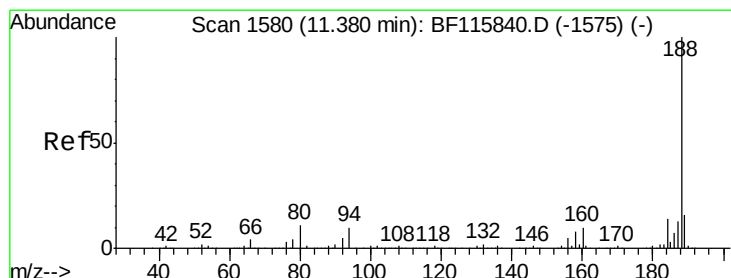
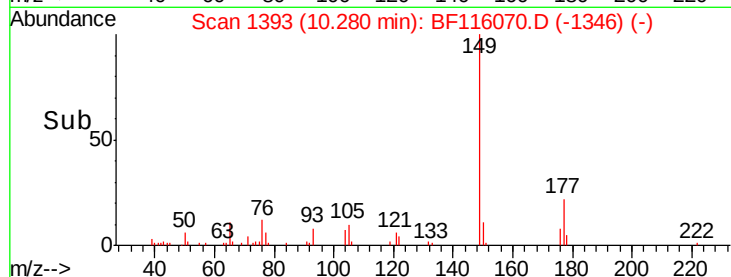
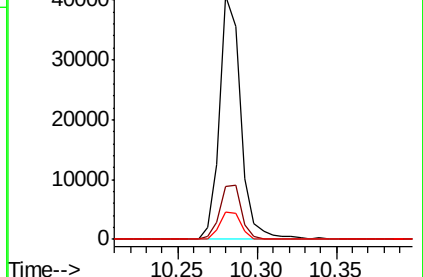
150 11.2 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BF116070.D

Acq: 8 Aug 2019 15:46

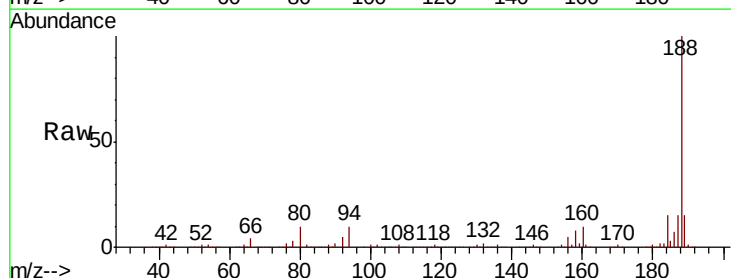
Tgt Ion:188 Resp: 567008

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

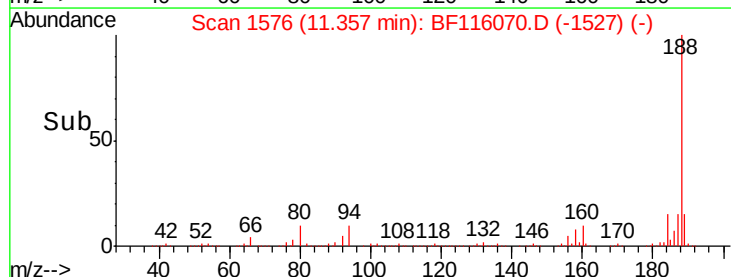
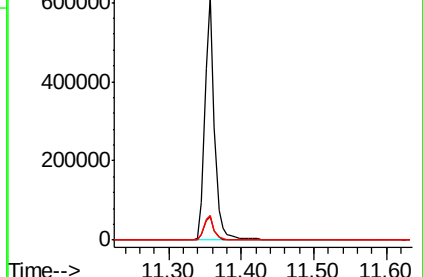
80 10.2 8.7 13.1

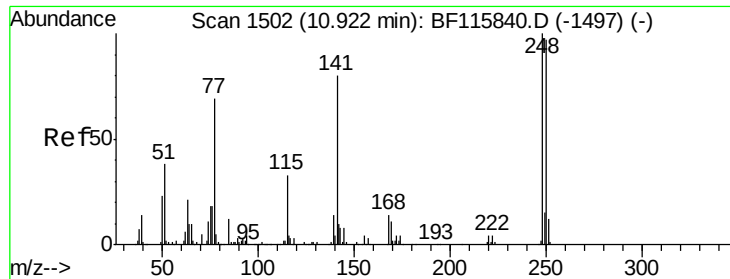


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

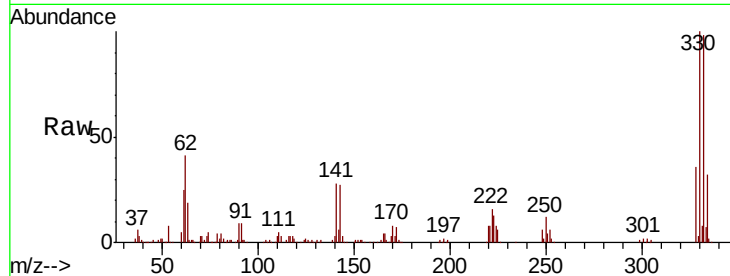




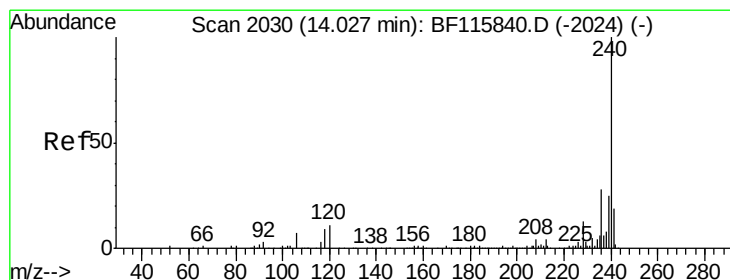
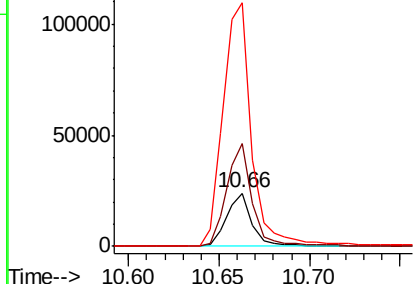
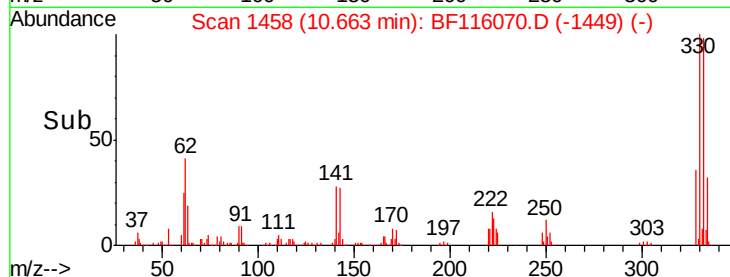
#67
 4-Bromophenyl-phenylether
 Concen: 3.856 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116070.D
 Acq: 8 Aug 2019 15:46

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 23404
 Ion Ratio Lower Upper
 248 100
 250 193.2 77.4 116.2#
 141 456.4 56.8 85.2#

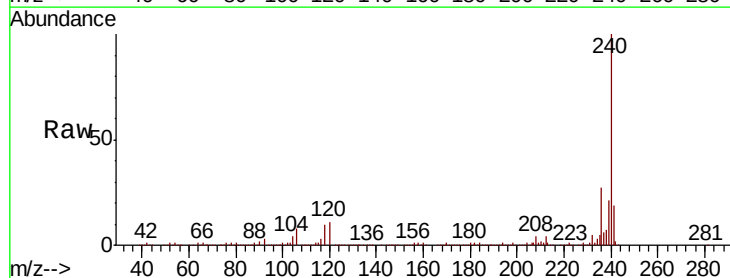


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

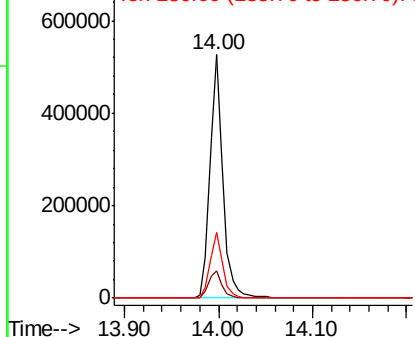
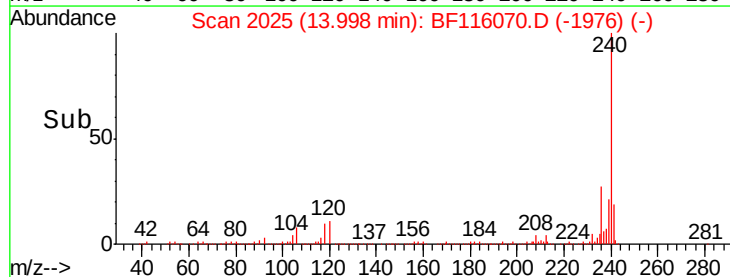


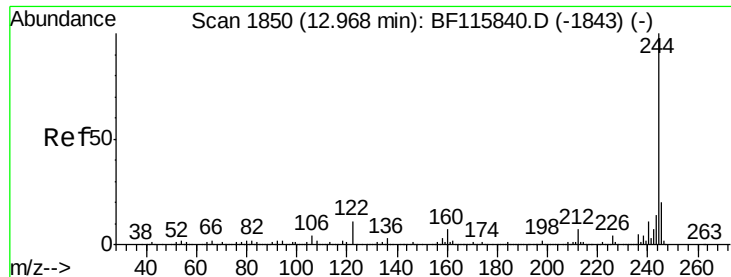
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF116070.D
 Acq: 8 Aug 2019 15:46

Tgt Ion:240 Resp: 514387
 Ion Ratio Lower Upper
 240 100
 120 11.3 10.7 16.1
 236 27.0 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: 81.515 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF116070.D

Acq: 8 Aug 2019 15:46

Instrument :

BNA_F

ClientSampleId :

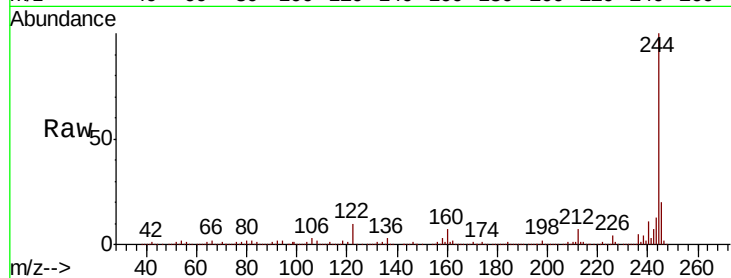
Tot Ion:244 Resp: 1989897

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

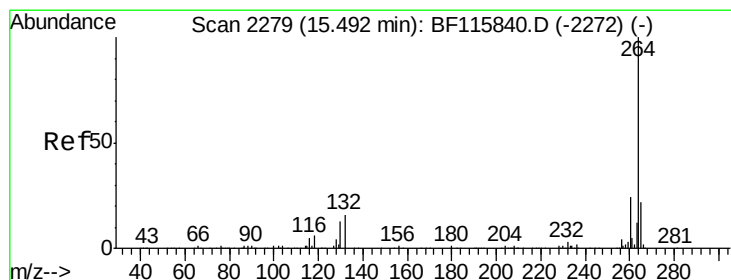
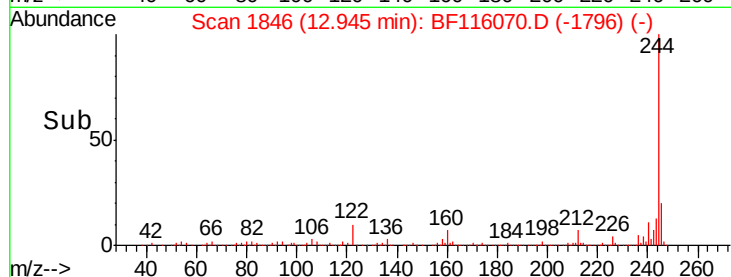
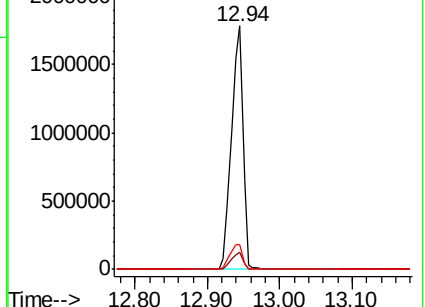
122 10.3 9.0 13.4



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: BF116070.D

Acq: 8 Aug 2019 15:46

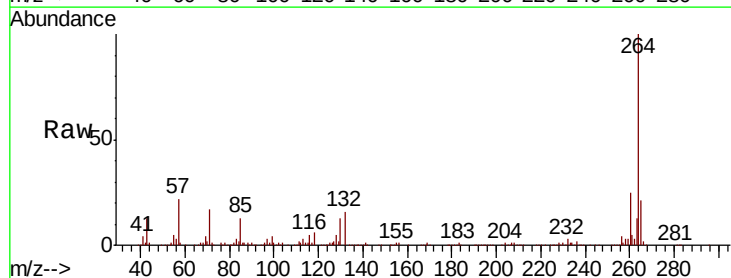
Tgt Ion:264 Resp: 501910

Ion Ratio Lower Upper

264 100

260 24.6 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

