

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116932.D
 Acq On : 10 Sep 2019 20:14
 Operator : HP/JU
 Sample : K4789-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 01:01:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

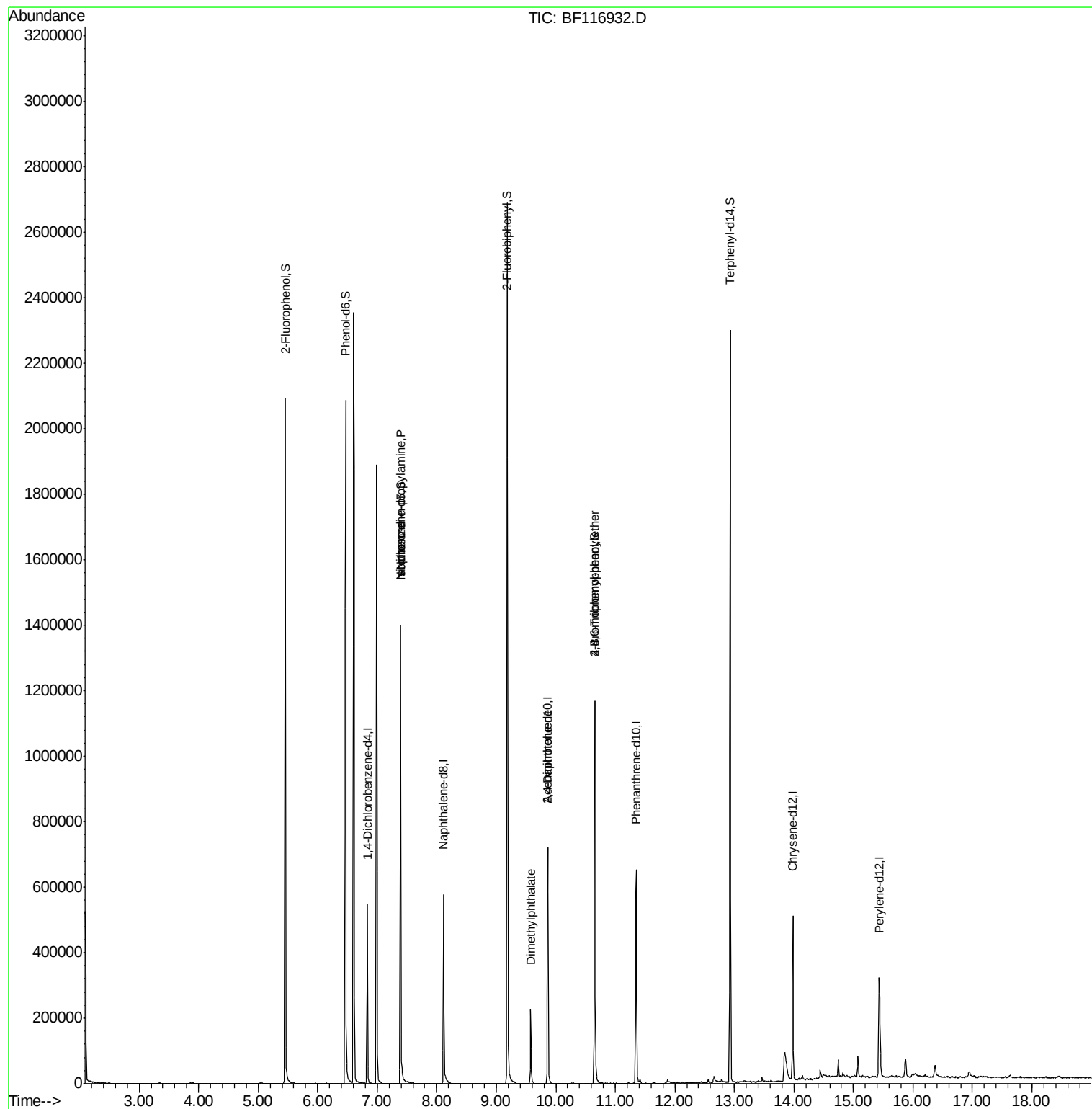
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	77748	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	309863	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	159835	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	264833	20.00	ng	0.00
76) Chrysene-d12	13.98	240	159721	20.00	ng	0.00
87) Perylene-d12	15.43	264	154391	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	603924	125.84	ng	0.00
7) Phenol-d6	6.47	99	841619	133.55	ng	0.00
23) Nitrobenzene-d5	7.39	82	513763	94.65	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	132604	124.10	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	858088	90.56	ng	0.00
79) Terphenyl-d14	12.93	244	784083	90.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	69588	16.771	ng	# 72
25) Isophorone	7.39	82	513757	46.711	ng	# 66
50) Dimethylphthalate	9.58	163	107023	9.699	ng	97
57) 2,4-Dinitrotoluene	9.86	165	20157	7.830	ng	# 21
67) 4-Bromophenyl-phenylether	10.65	248	8700	3.234	ng	# 1

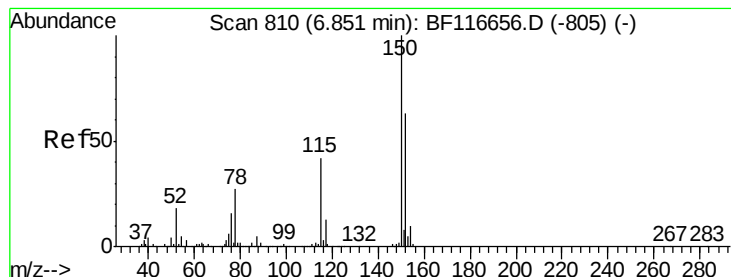
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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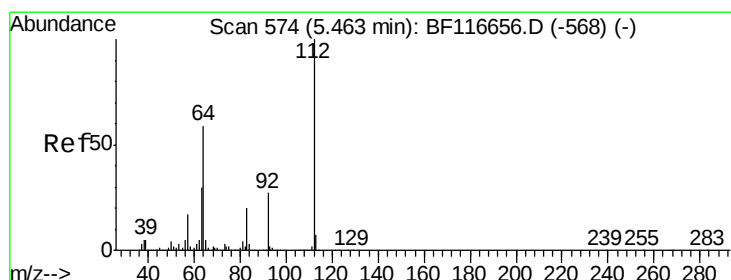
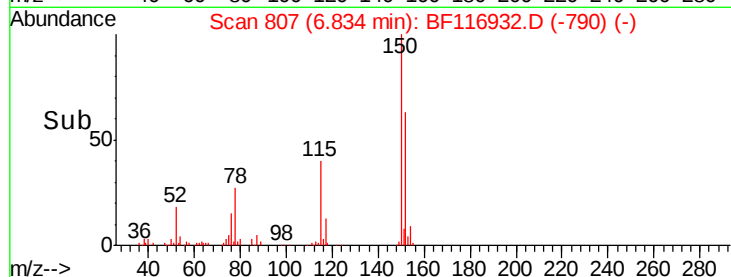
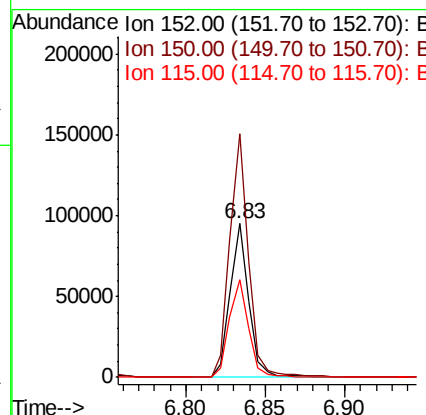
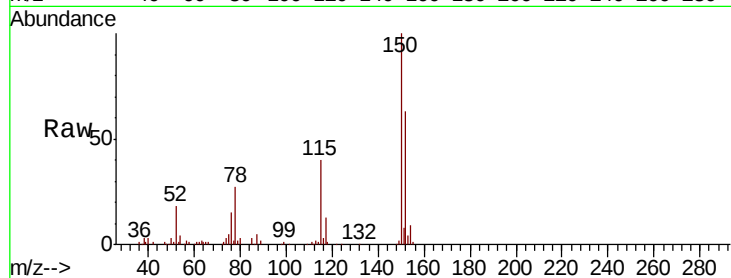




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

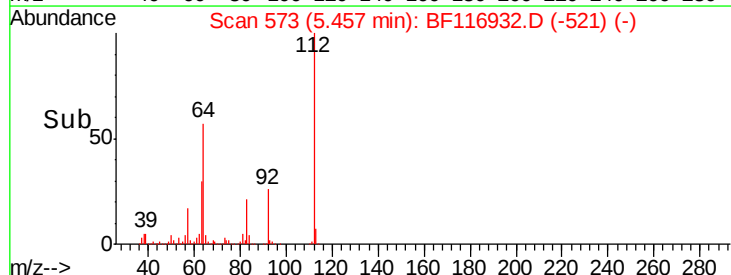
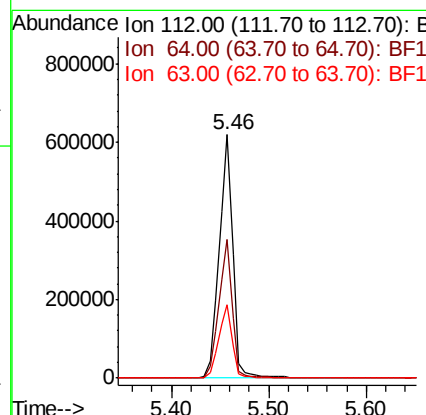
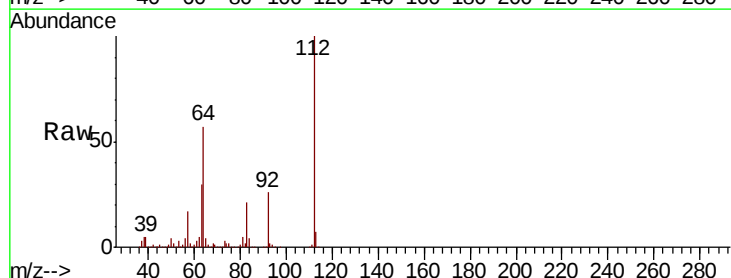
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	63.3	49.9	74.9



#5
 2-Fluorophenol
 Concen: 125.841 ng
 RT: 5.46 min Scan# 573
 Delta R.T. 0.01 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.1	70.7
63	30.1	24.9	37.3





#7

Phenol-d6

Concen: 133.554 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Instrument :

BNA_F

ClientSampled :

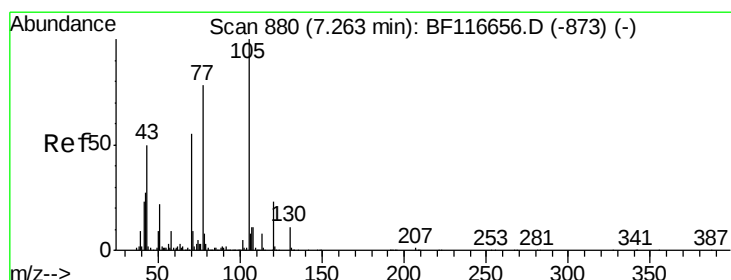
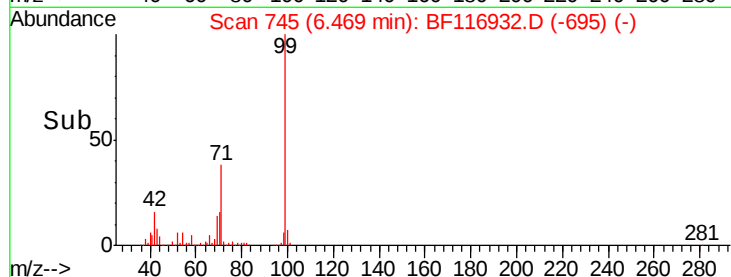
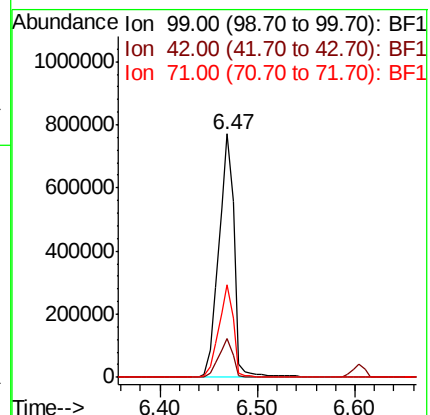
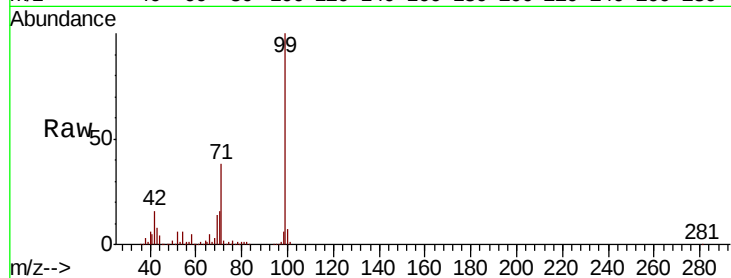
Tot Ion: 99 Resp: 841619

Ion Ratio Lower Upper

99 100

42 16.1 13.7 20.5

71 38.0 30.8 46.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.771 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.14 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Tgt Ion: 70 Resp: 69588

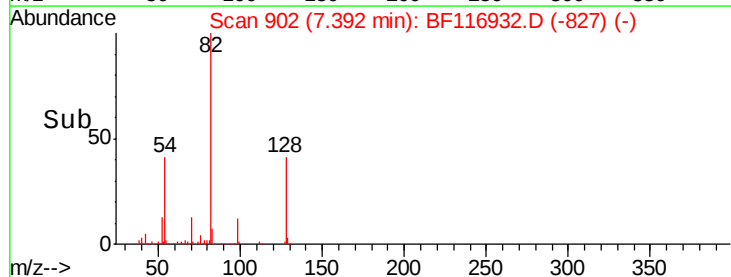
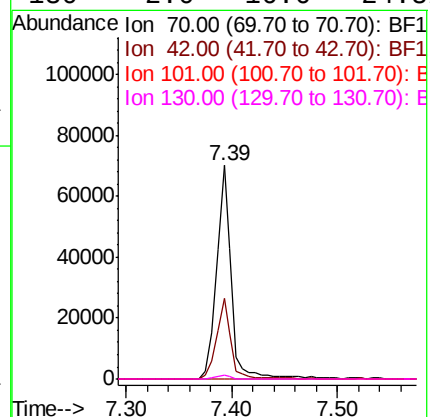
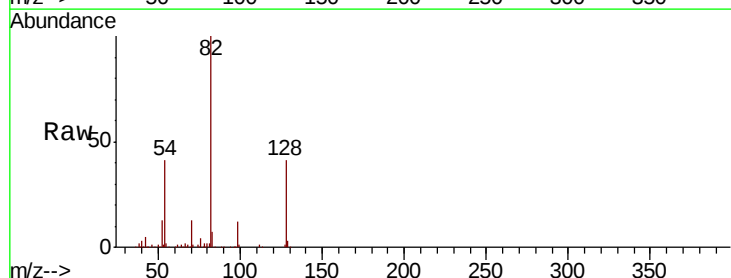
Ion Ratio Lower Upper

70 100

42 37.9 43.5 65.3#

101 0.0 7.8 11.6#

130 2.0 16.6 24.8#

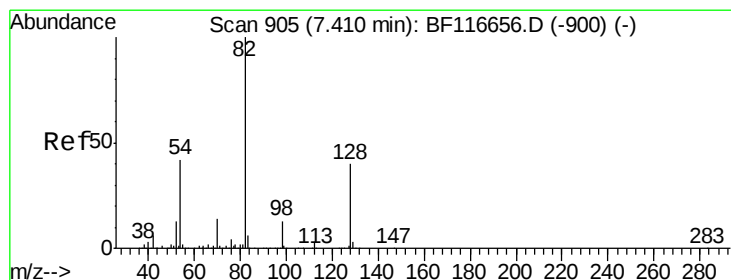
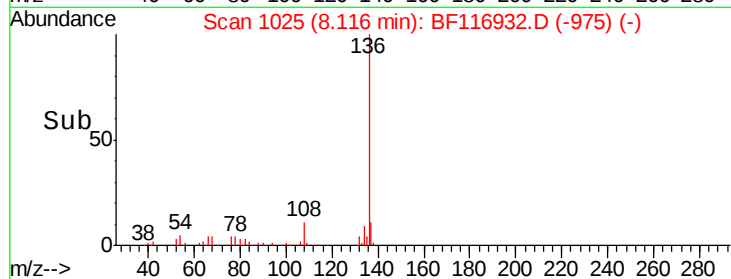
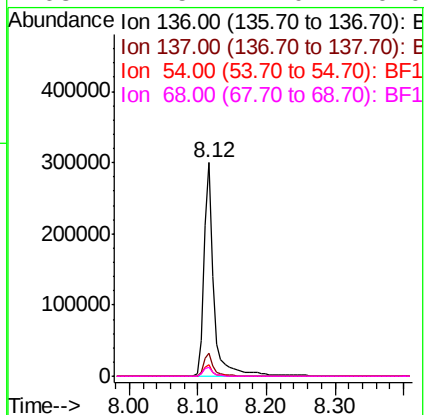
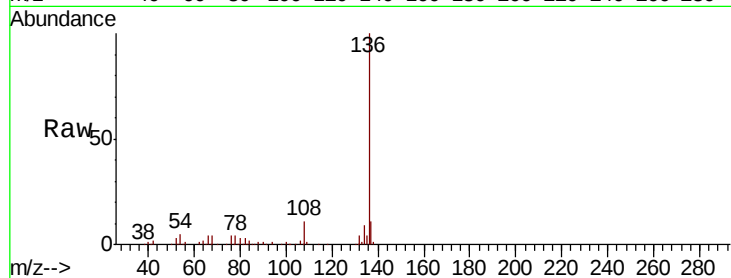




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

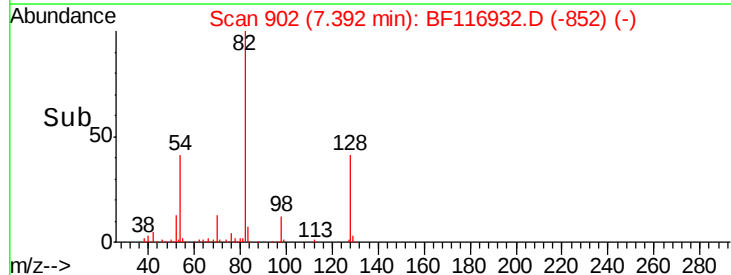
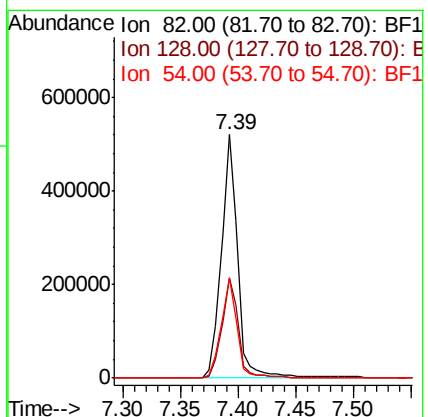
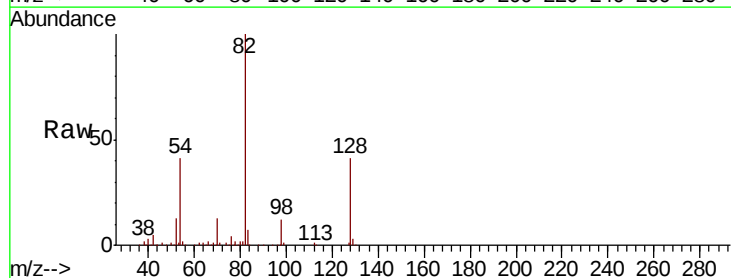
Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	309863
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	5.3	4.8 7.2
68	4.5	4.0 6.0



#23
Nitrobenzene-d5
Concen: 94.653 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Tgt Ion: 82	Resp:	513763
Ion Ratio	Lower	Upper
82	100	
128	41.1	32.8 49.2
54	41.3	36.9 55.3





#25

Isophorone

Concen: 46.711 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Instrument :

BNA_F

ClientSampleId :

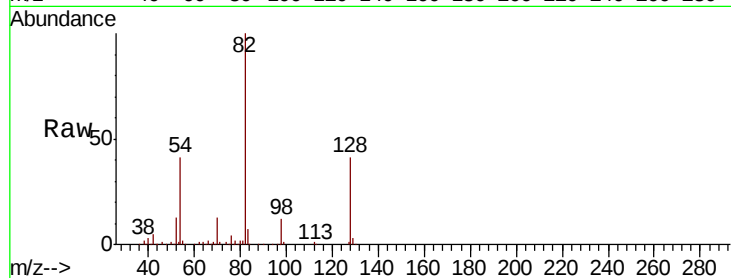
Tot Ion: 82 Resp: 513757

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

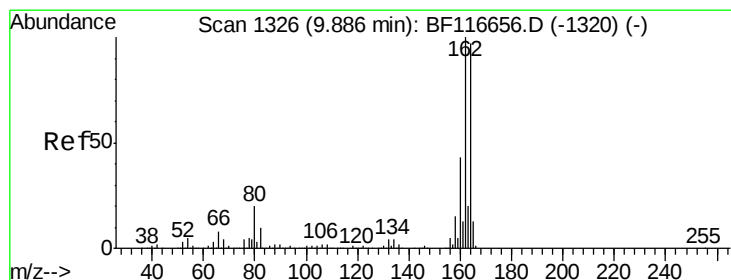
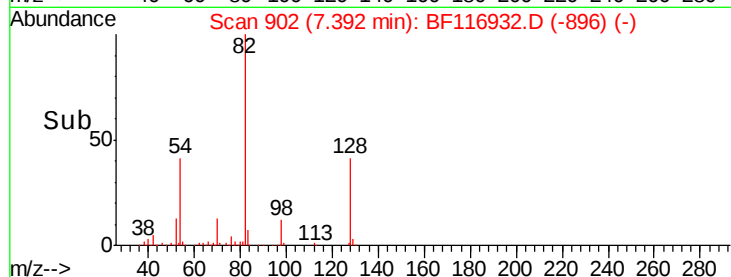
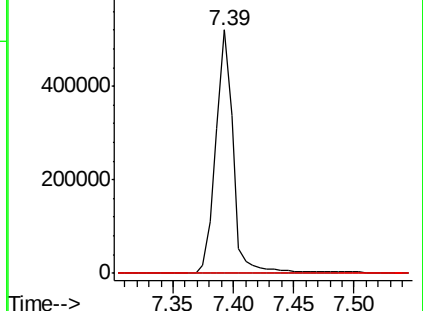
138 0.0 13.5 20.3#



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: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

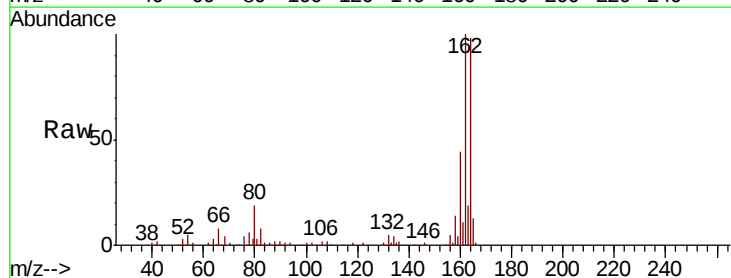
Tgt Ion: 164 Resp: 159835

Ion Ratio Lower Upper

164 100

162 101.7 81.4 122.0

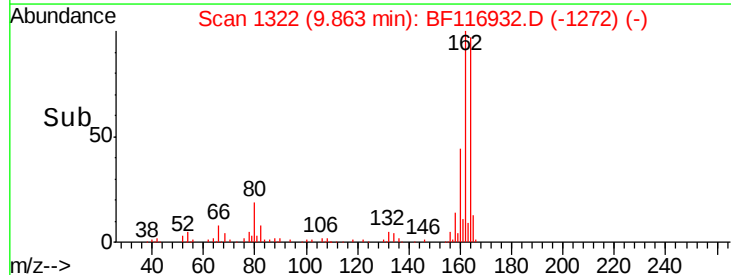
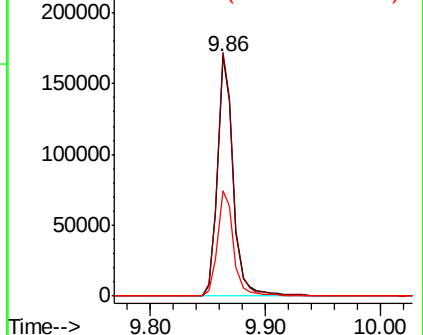
160 44.2 35.4 53.2

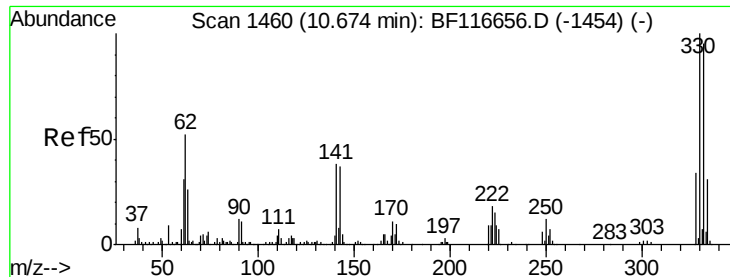


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

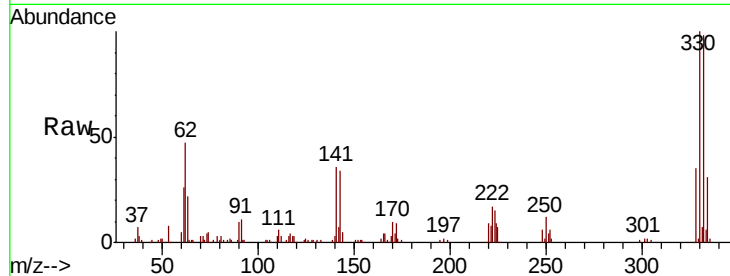




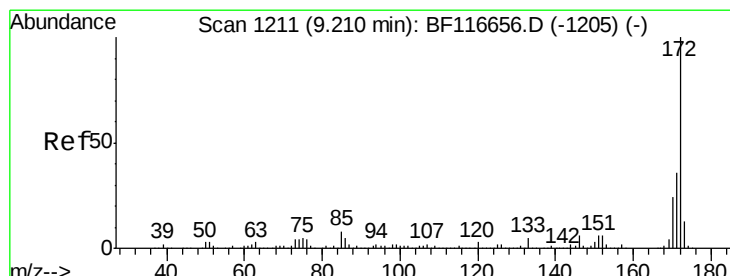
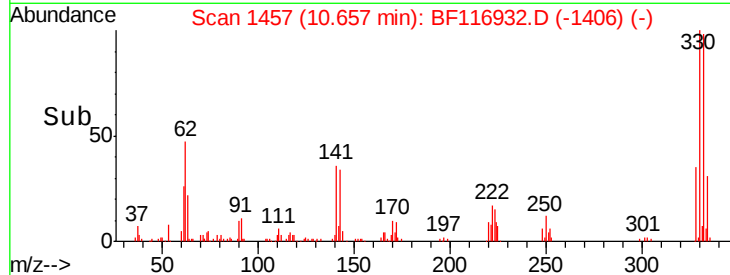
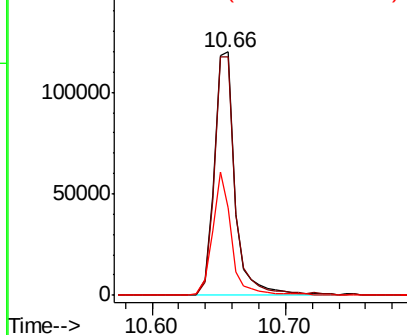
#42
 2,4,6-Tribromophenol
 Concen: 124.099 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 132604
 Ion Ratio Lower Upper
 330 100
 332 98.5 76.9 115.3
 141 45.8 31.4 47.2

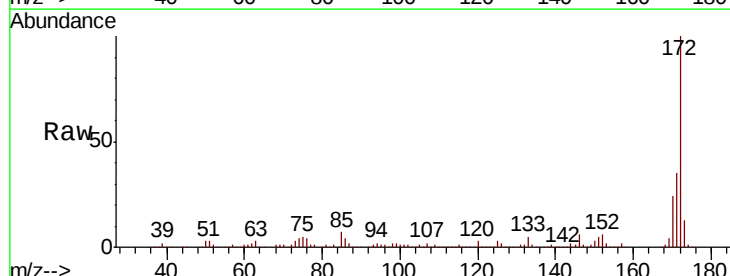


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

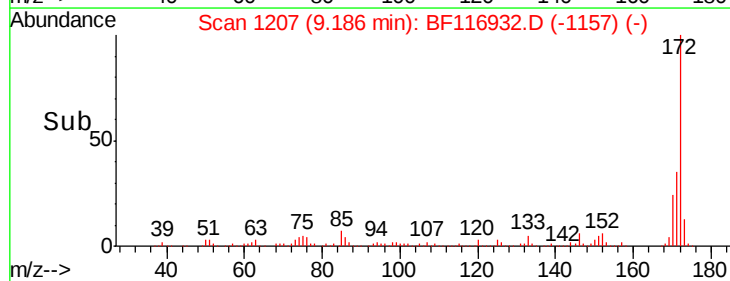
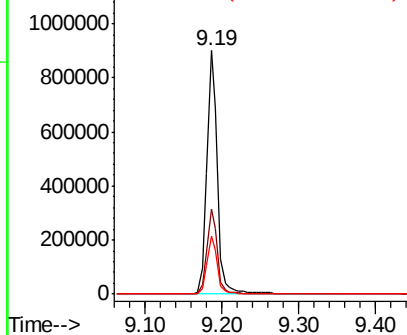


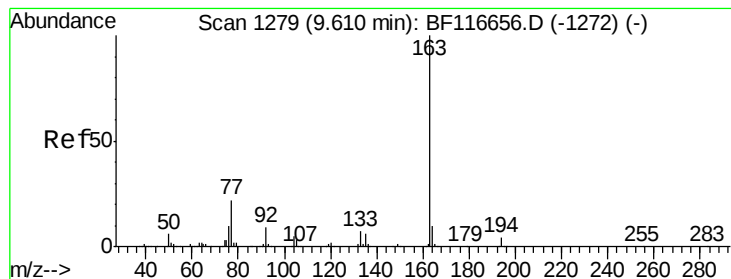
#45
 2-Fluorobiphenyl
 Concen: 90.562 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF116932.D
 Acq: 10 Sep 2019 20:14

Tgt Ion:172 Resp: 858088
 Ion Ratio Lower Upper
 172 100
 171 34.7 27.8 41.6
 170 24.0 18.9 28.3



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: 9.699 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Instrument :

BNA_F

ClientSampled :

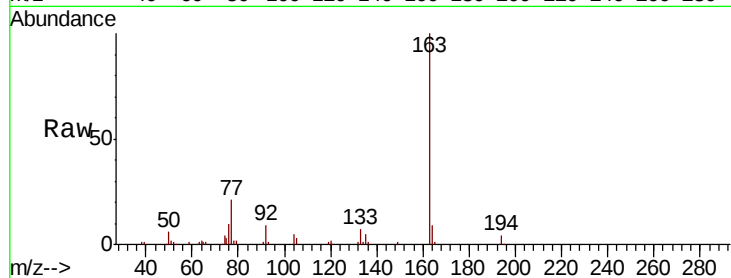
Tot Ion:163 Resp: 107023

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

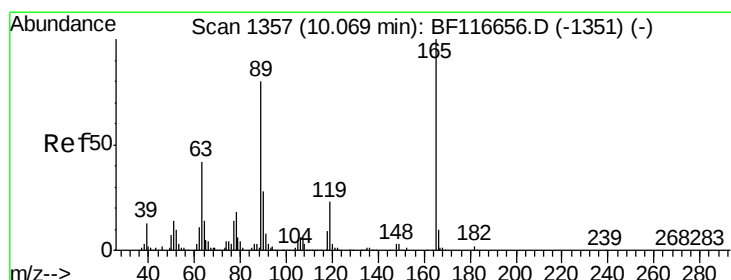
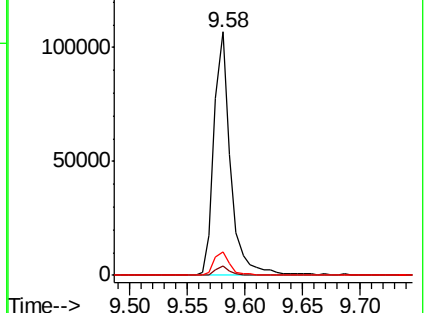
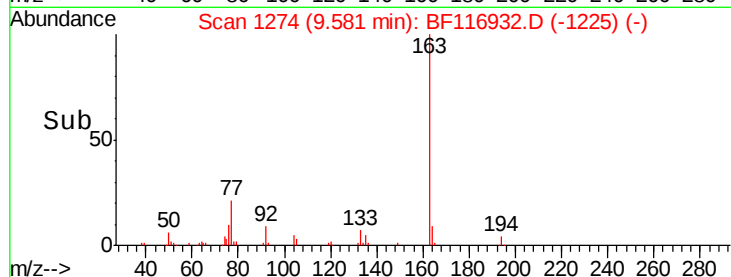
164 9.4 8.6 12.8



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: 7.830 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.19 min

Lab File: BF116932.D

Acq: 10 Sep 2019 20:14

Tgt Ion:165 Resp: 20157

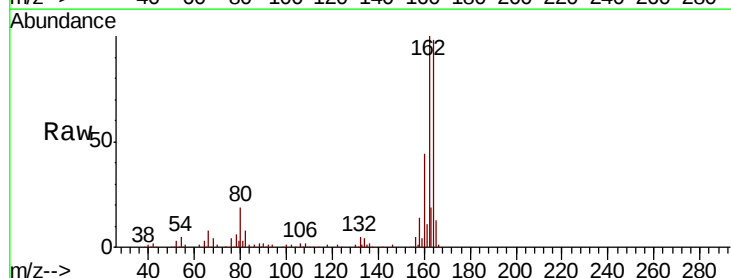
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.8 62.6 94.0#

182 0.0 2.1 3.1#

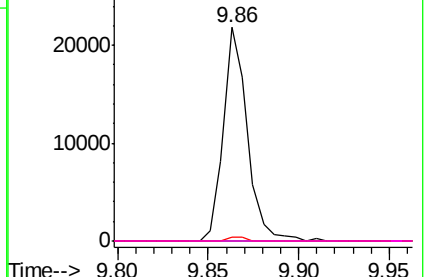
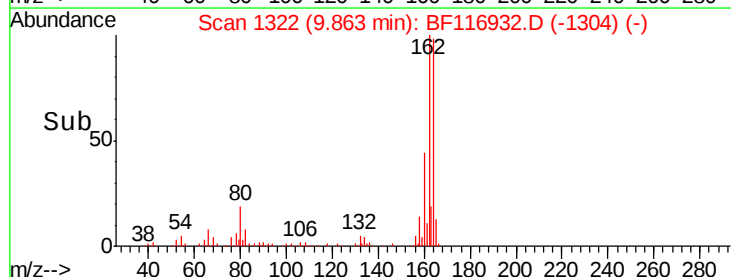


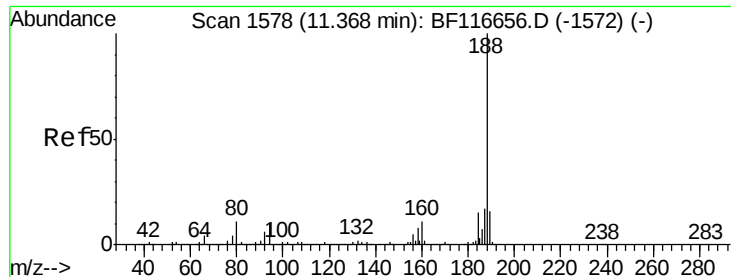
Abundance Ion 165.00 (164.70 to 165.70): E

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

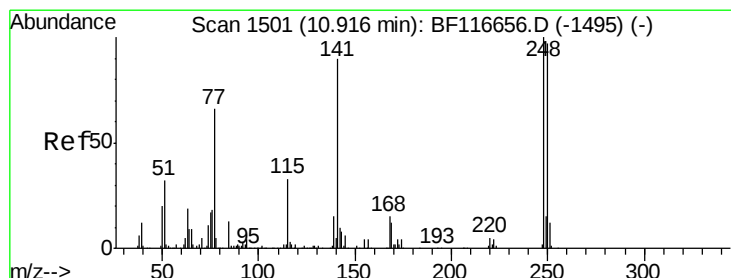
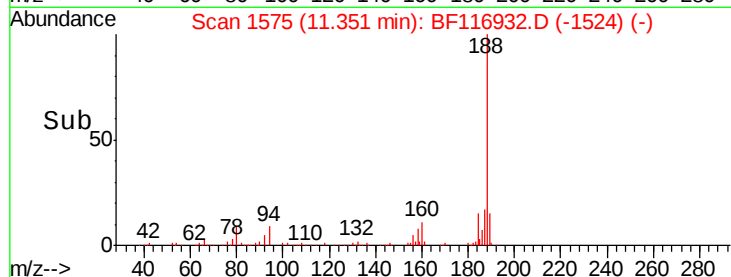
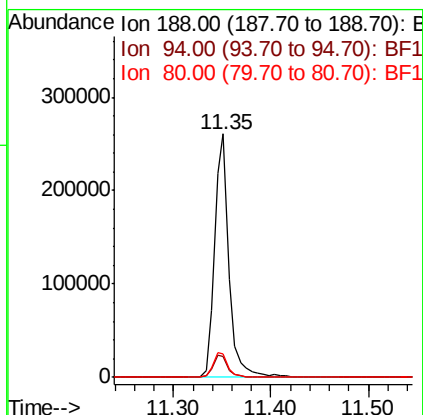
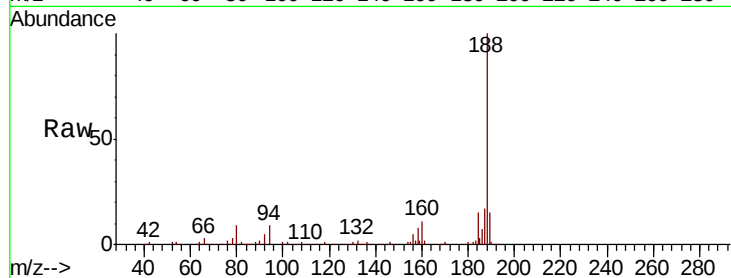




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

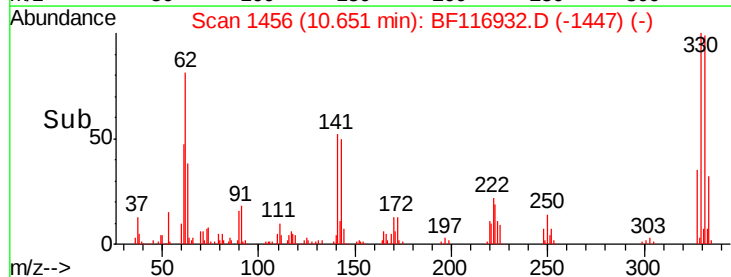
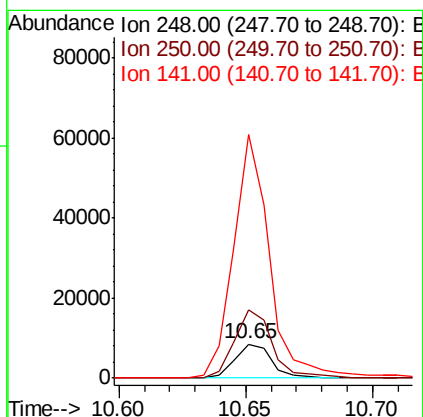
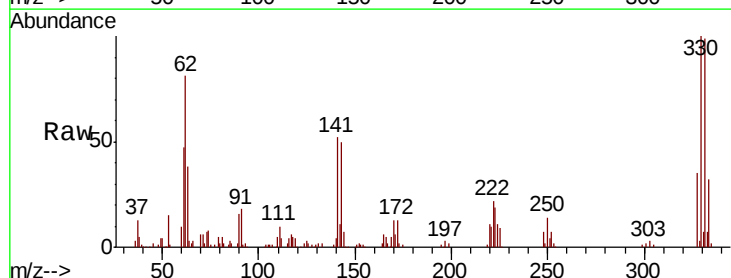
Instrument :
BNA_F
ClientSampleId :

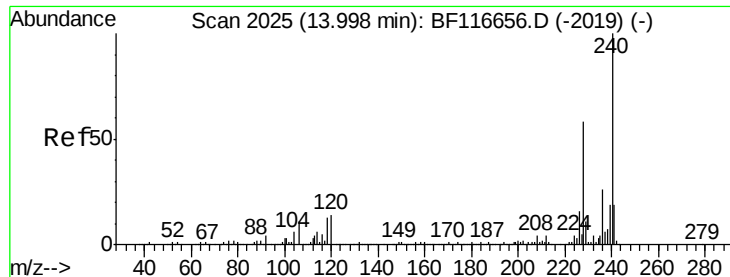
Tot Ion:188 Resp: 264833
Ion Ratio Lower Upper
188 100
94 8.5 7.3 10.9
80 9.5 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.234 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.25 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Tgt Ion:248 Resp: 8700
Ion Ratio Lower Upper
248 100
250 200.6 77.8 116.8#
141 713.7 75.9 113.9#

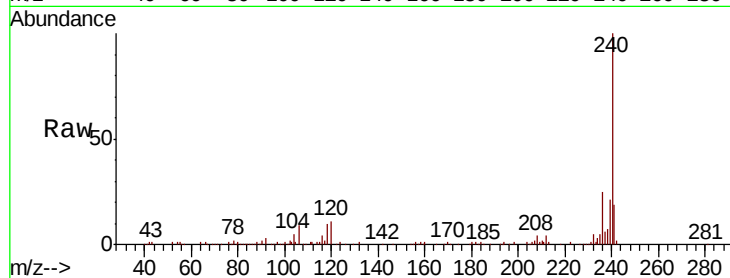




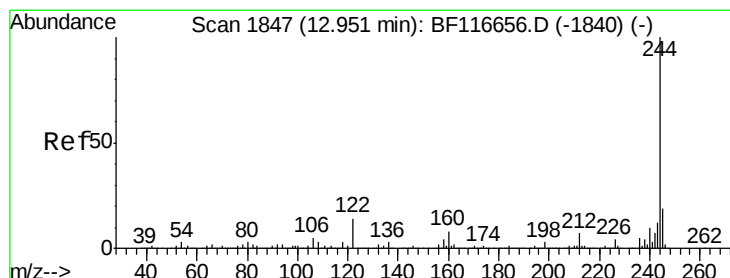
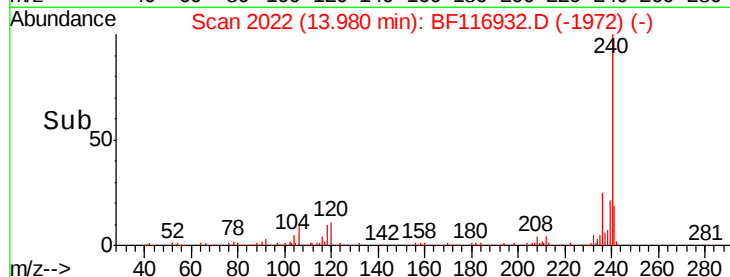
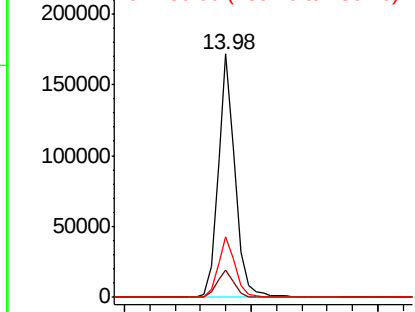
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 159721
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.1 21.1 31.7

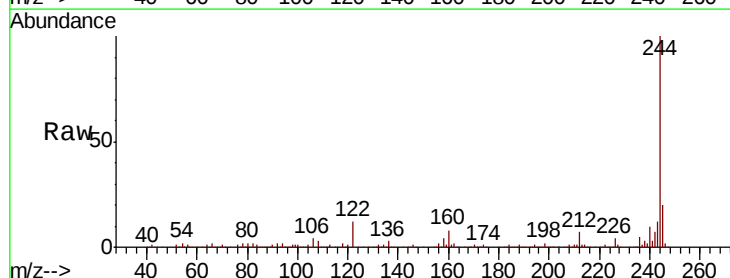


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

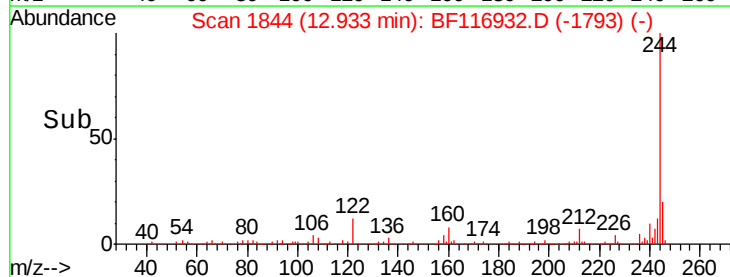
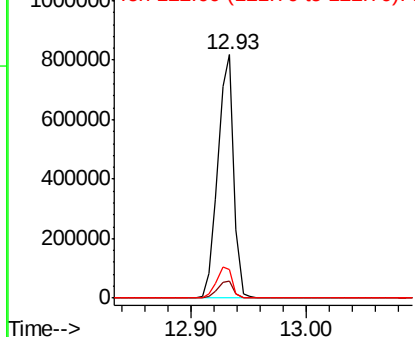


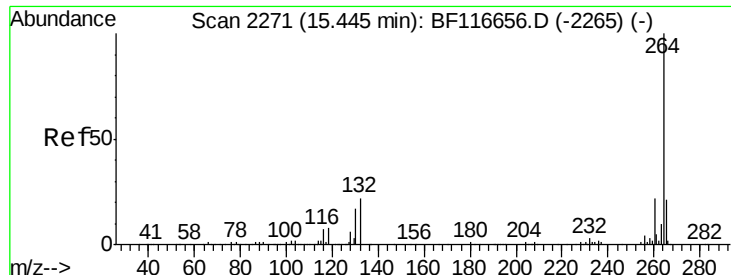
#79
Terphenyl-d14
Concen: 90.815 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.00 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Tgt Ion:244 Resp: 784083
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.5 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116932.D
Acq: 10 Sep 2019 20:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	16.5	24.7

