

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090419\
 Data File : BF116815.D
 Acq On : 4 Sep 2019 15:05
 Operator : HP/JU
 Sample : K4639-04 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 02:06:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

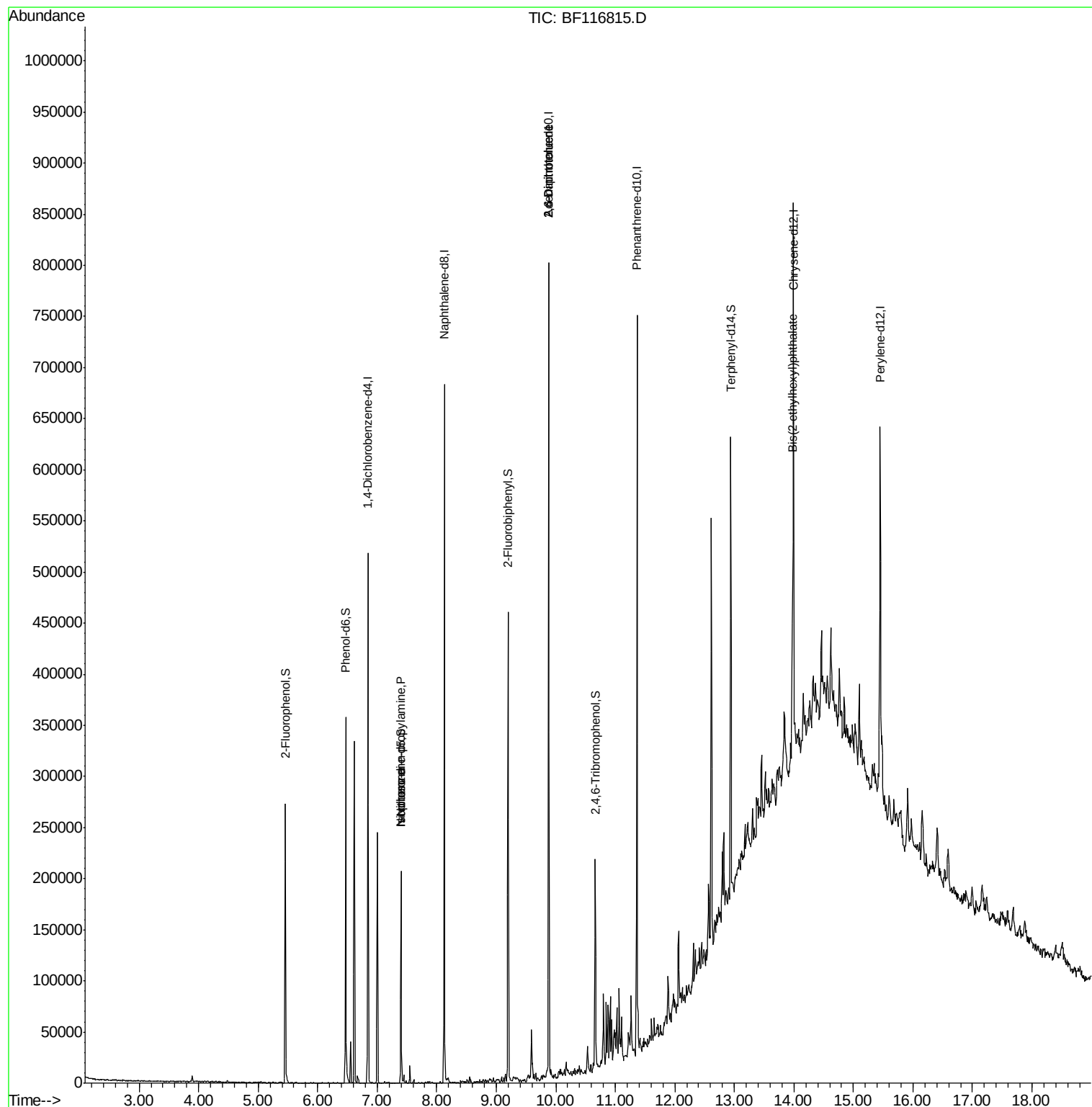
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	66962	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	275007	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	144405	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	234246	20.00	ng	0.00
76) Chrysene-d12	13.99	240	153528	20.00	ng	0.00
87) Perylene-d12	15.45	264	169710	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	76968	18.62	ng	0.00
7) Phenol-d6	6.47	99	107707	19.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	65431	13.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	19927	20.64	ng	-0.01
45) 2-Fluorobiphenyl	9.20	172	121169	14.15	ng	-0.01
79) Terphenyl-d14	12.94	244	113489	13.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	7790	2.180	ng	# 79
25) Isophorone	7.40	82	65430	6.703	ng	# 66
51) 2,6-Dinitrotoluene	9.88	165	18390	9.668	ng	# 20
57) 2,4-Dinitrotoluene	9.88	165	18390	7.907	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.97	149	62292	7.603	ng	96

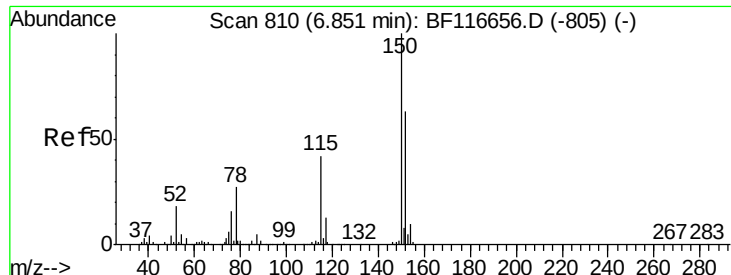
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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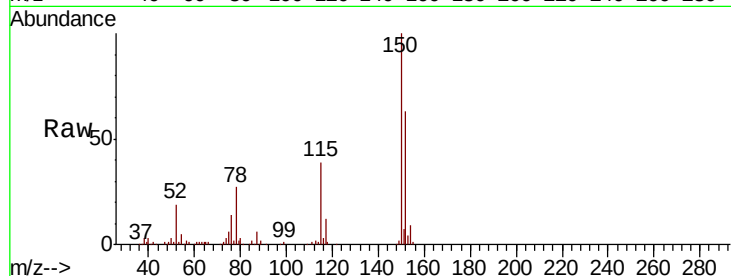


#1

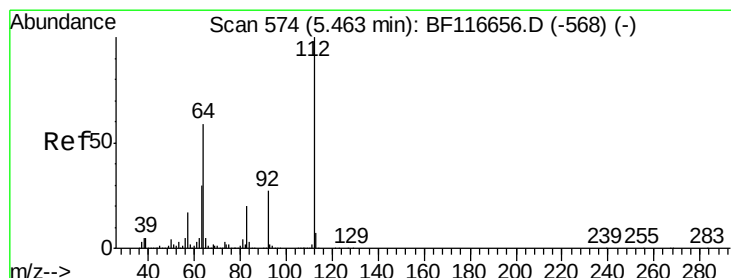
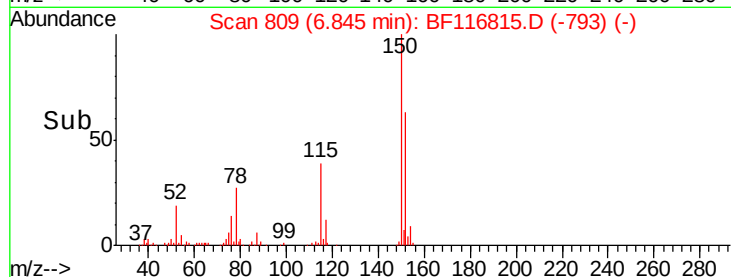
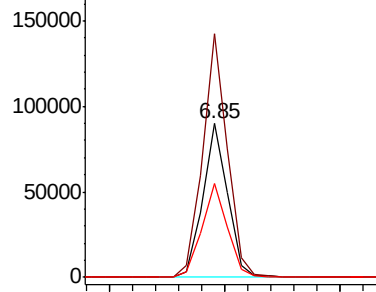
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116815.D
Acq: 4 Sep 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	124.4	186.6
115	61.4	49.9	74.9



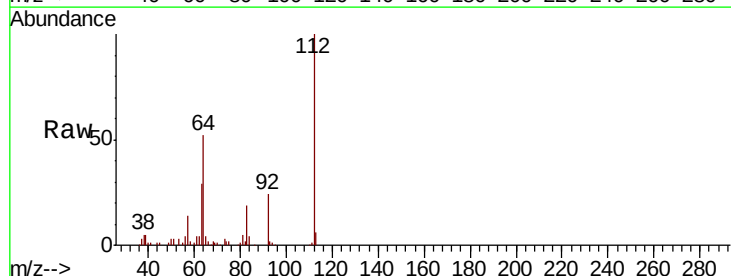
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



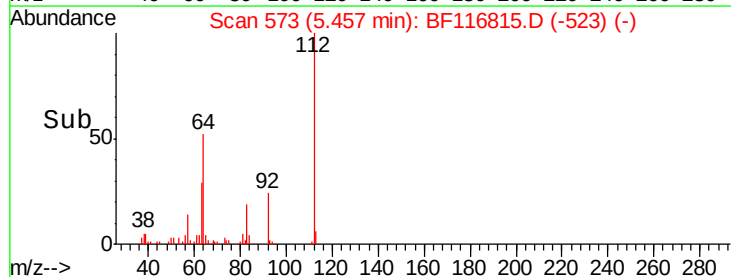
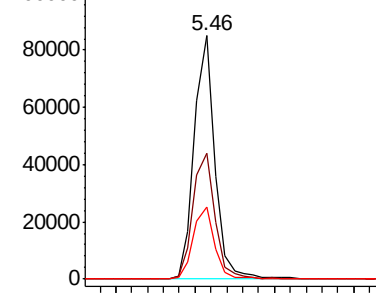
#5

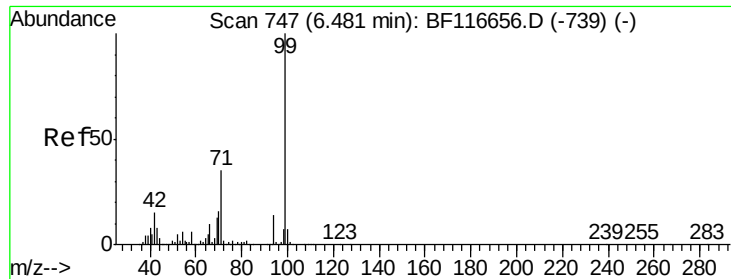
2-Fluorophenol
Concen: 18.621 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF116815.D
Acq: 4 Sep 2019 15:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	47.1	70.7
63	29.5	24.9	37.3



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: 19.845 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

Instrument :

BNA_F

ClientSampleId :

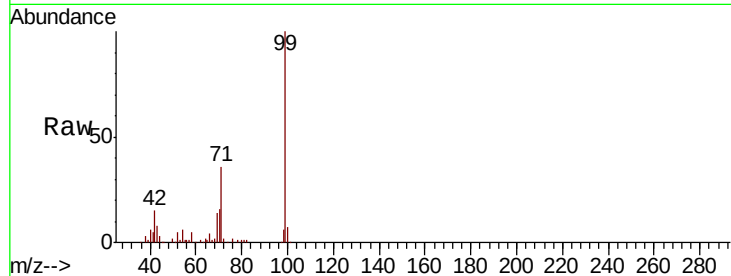
Tot Ion: 99 Resp: 107707

Ion Ratio Lower Upper

99 100

42 15.1 13.7 20.5

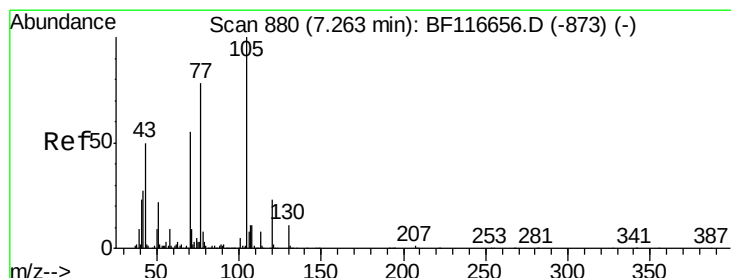
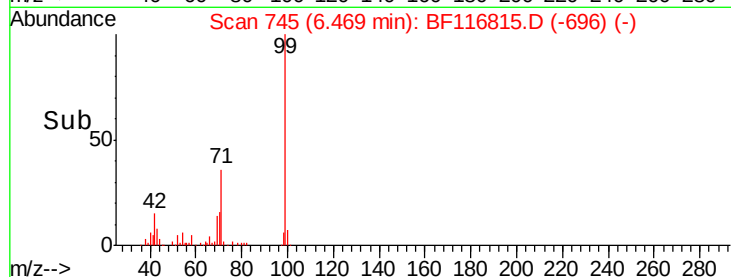
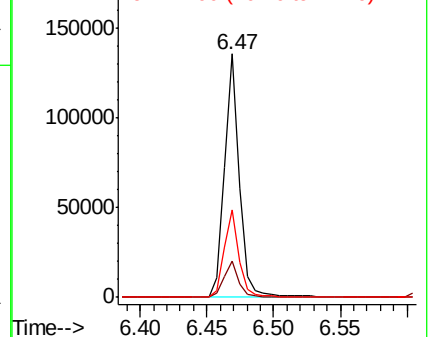
71 35.8 30.8 46.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 2.180 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

Tgt Ion: 70 Resp: 7790

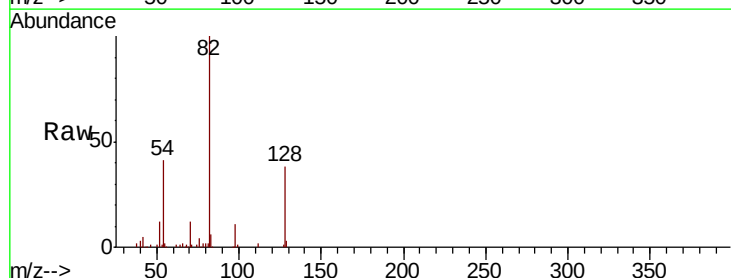
Ion Ratio Lower Upper

70 100

42 46.2 43.5 65.3

101 0.0 7.8 11.6#

130 0.0 16.6 24.8#

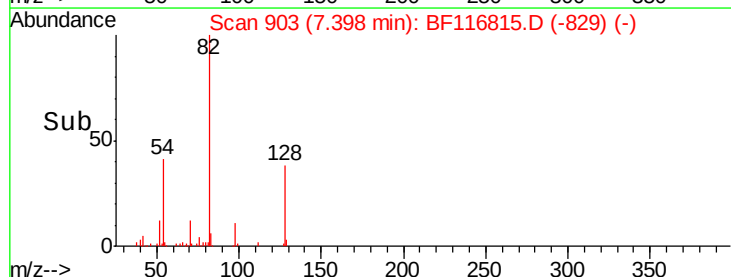
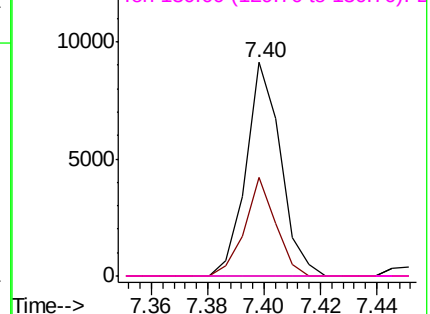


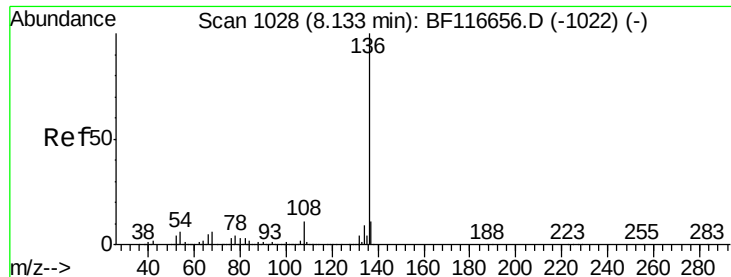
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

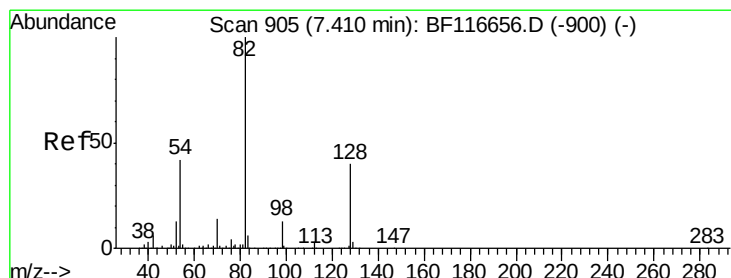
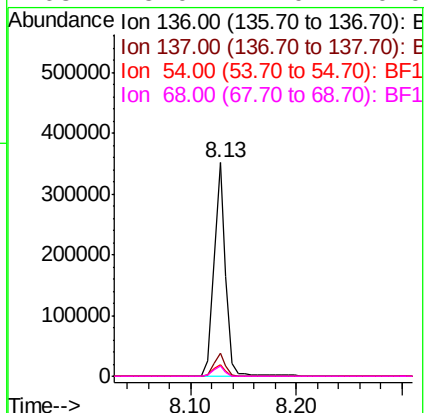
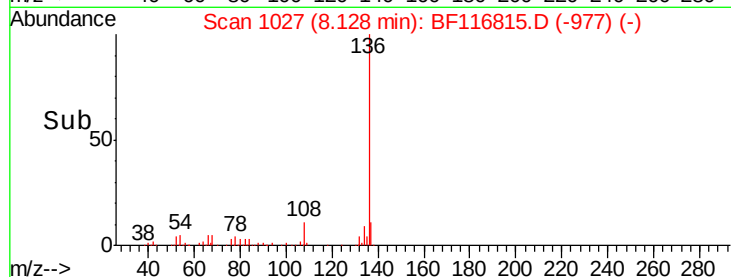
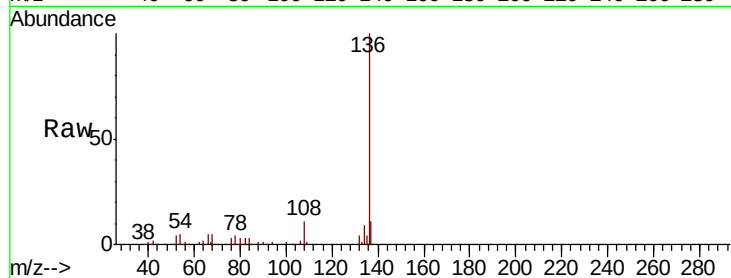




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116815.D
Acq: 4 Sep 2019 15:05

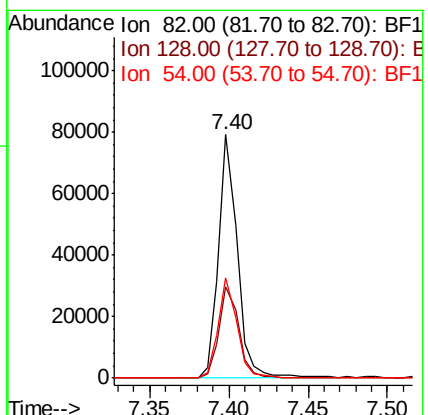
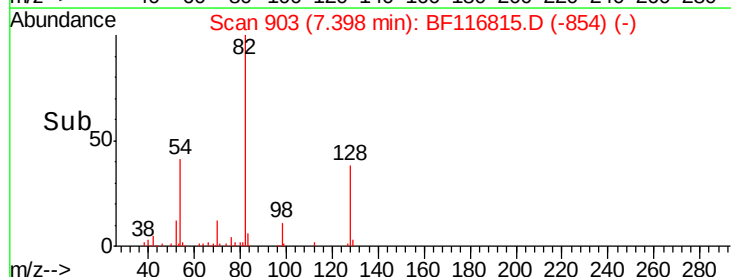
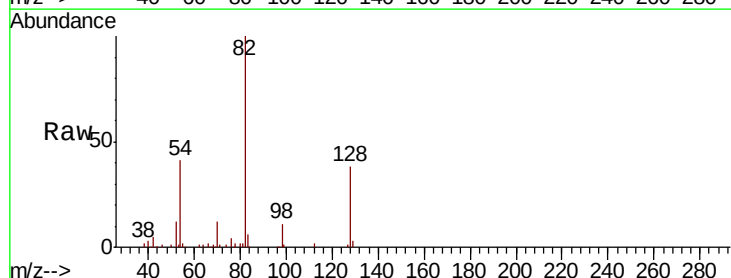
Instrument :
BNA_F
ClientSampleId :

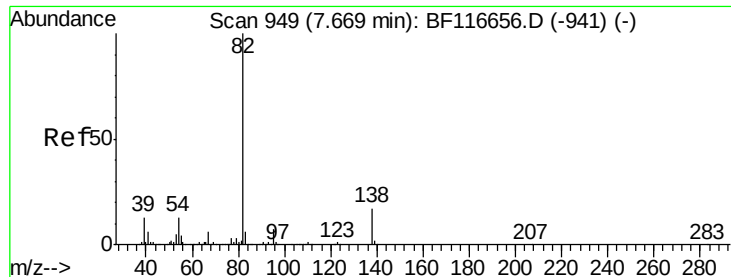
Tot Ion:136	Resp:	275007
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	5.3	4.8 7.2
68	5.0	4.0 6.0



#23
Nitrobenzene-d5
Concen: 13.582 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF116815.D
Acq: 4 Sep 2019 15:05

Tgt Ion: 82	Resp:	65431
Ion Ratio	Lower	Upper
82	100	
128	37.6	32.8 49.2
54	41.3	36.9 55.3





#25

Isophorone

Concen: 6.703 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

Instrument :

BNA_F

ClientSampleId :

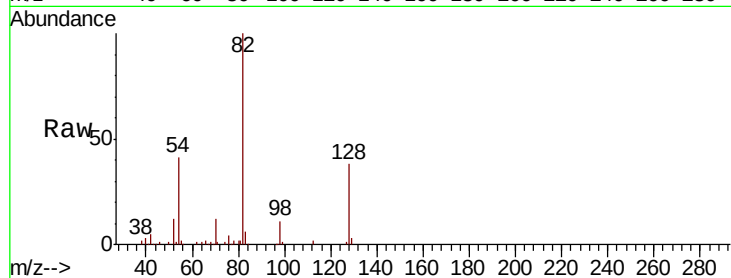
Tot Ion: 82 Resp: 65430

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

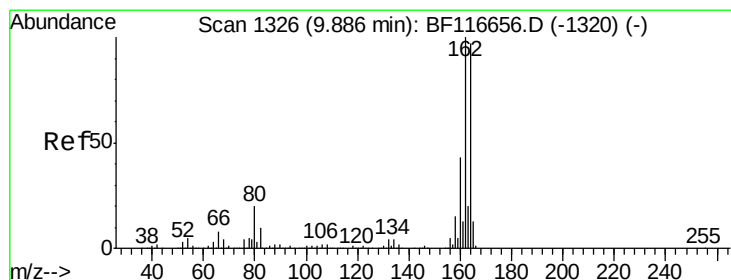
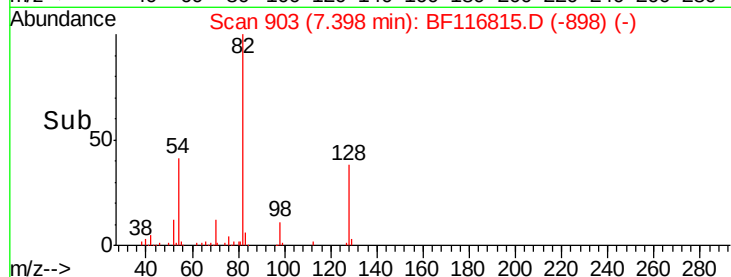
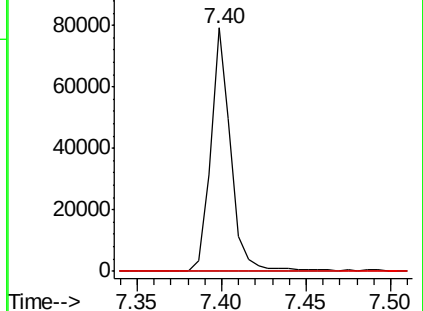
138 0.0 13.5 20.3#



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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

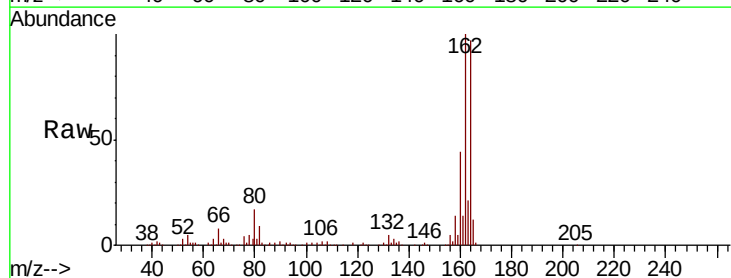
Tgt Ion:164 Resp: 144405

Ion Ratio Lower Upper

164 100

162 103.3 81.4 122.0

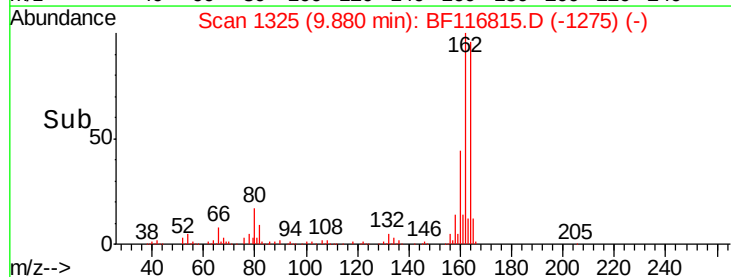
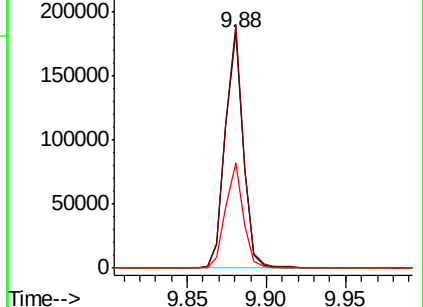
160 45.0 35.4 53.2

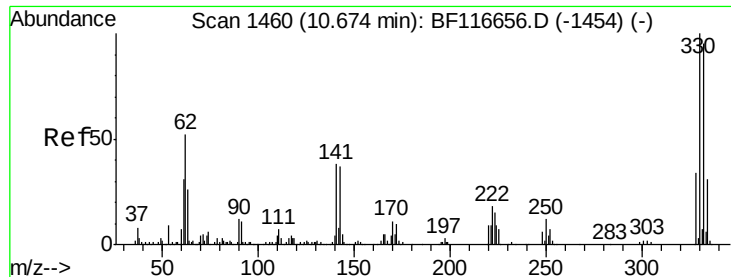


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 20.642 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

Instrument :

BNA_F

ClientSampleId :

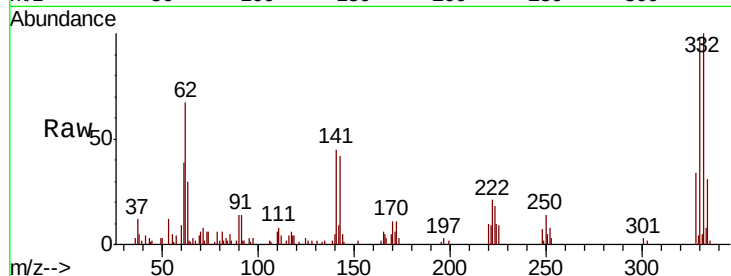
Tot Ion:330 Resp: 19927

Ion Ratio Lower Upper

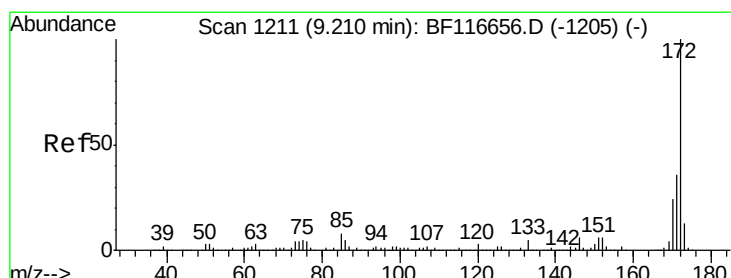
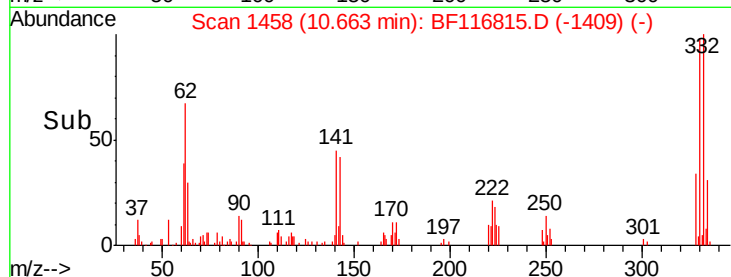
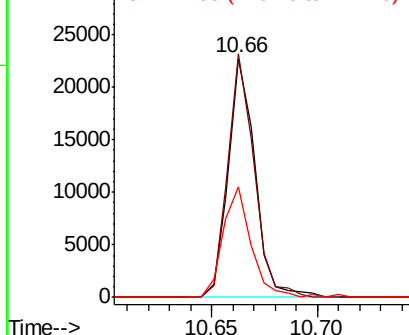
330 100

332 99.5 76.9 115.3

141 48.0 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: 14.155 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

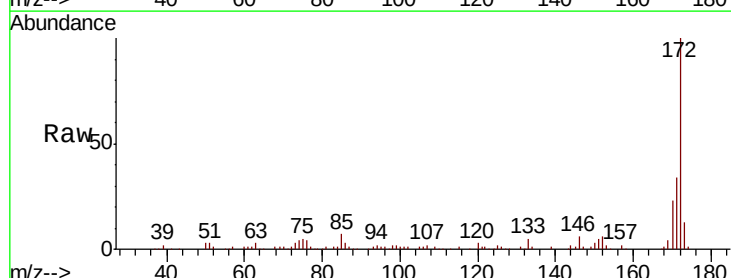
Tgt Ion:172 Resp: 121169

Ion Ratio Lower Upper

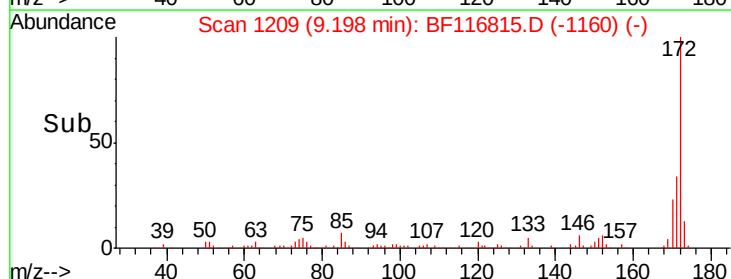
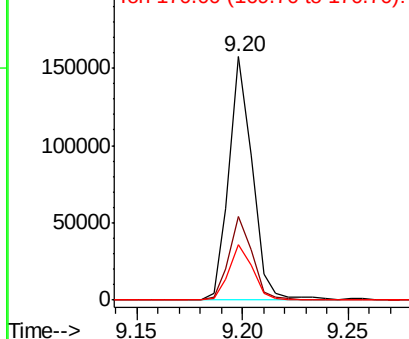
172 100

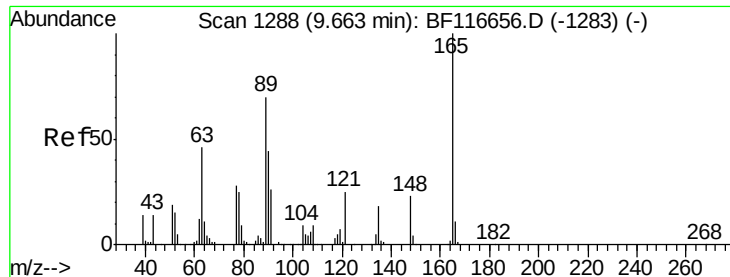
171 34.3 27.8 41.6

170 22.9 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

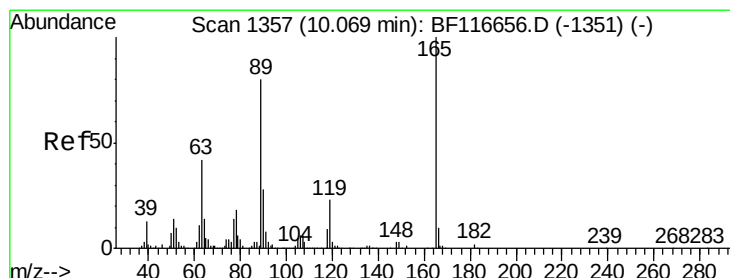
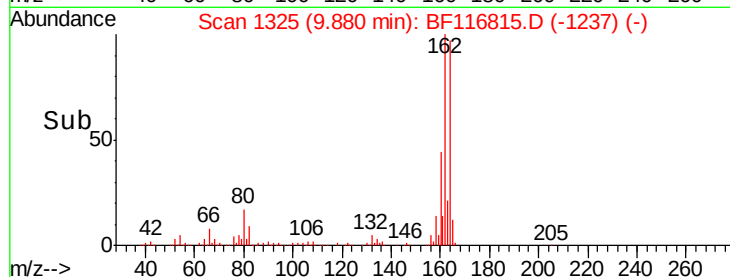
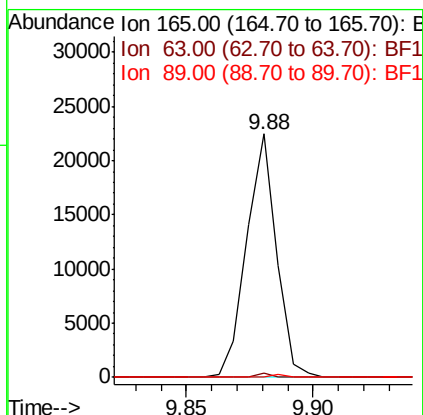
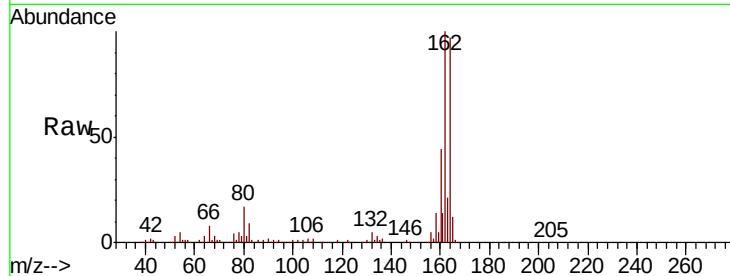




#51
 2,6-Dinitrotoluene
 Concen: 9.668 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.22 min
 Lab File: BF116815.D
 Acq: 4 Sep 2019 15:05

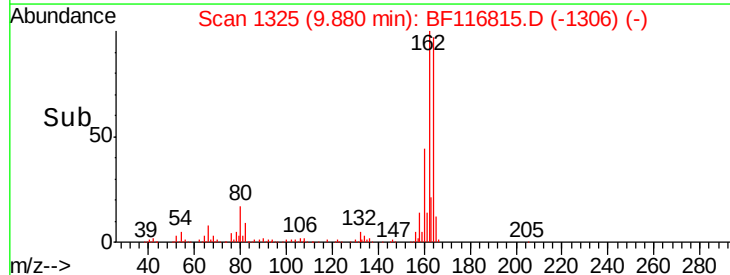
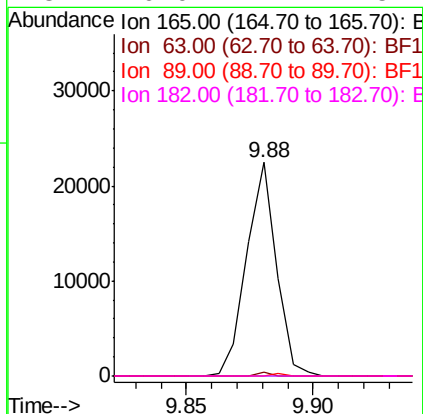
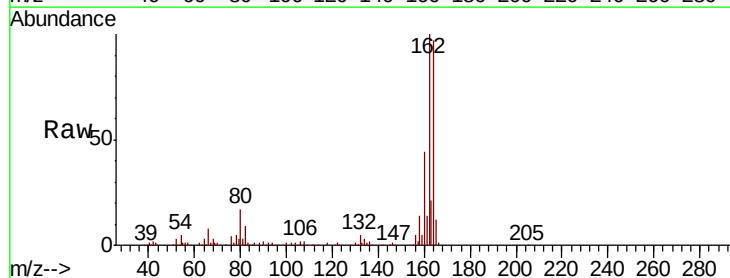
Instrument :
 BNA_F
 ClientSampleId :

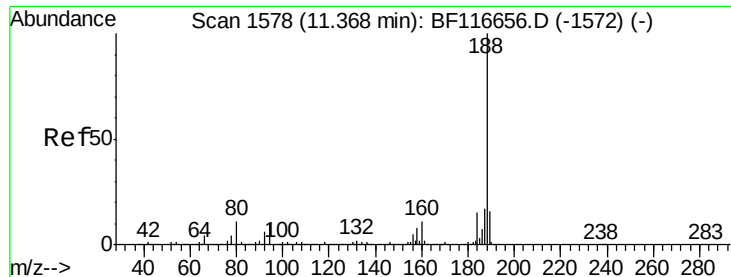
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	47.3	70.9#
89	0.0	52.5	78.7#



#57
 2,4-Dinitrotoluene
 Concen: 7.907 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.19 min
 Lab File: BF116815.D
 Acq: 4 Sep 2019 15:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	0.0	62.6	94.0#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

Instrument :

BNA_F

ClientSampleId :

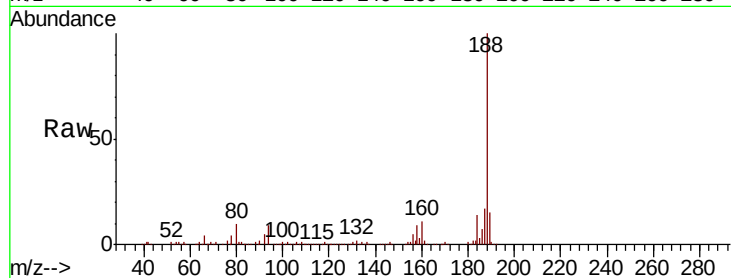
Tot Ion:188 Resp: 234246

Ion Ratio Lower Upper

188 100

94 9.5 7.3 10.9

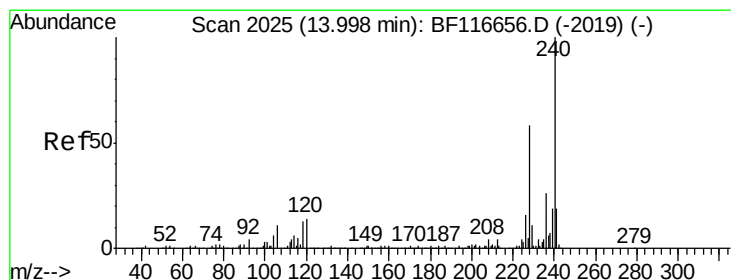
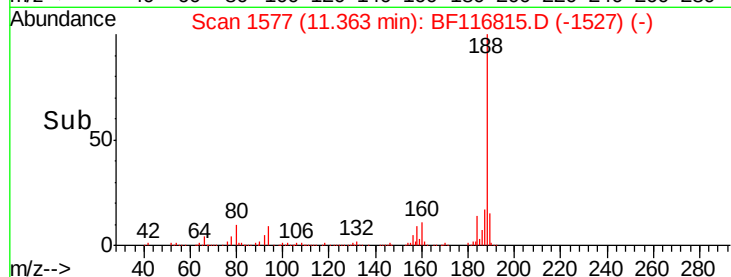
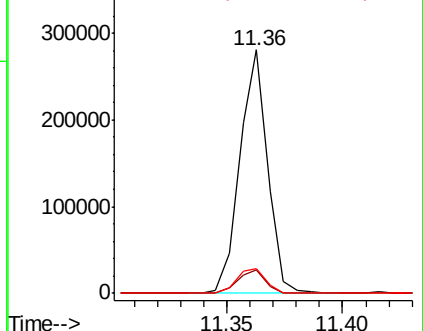
80 10.2 8.4 12.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF116815.D

Acq: 4 Sep 2019 15:05

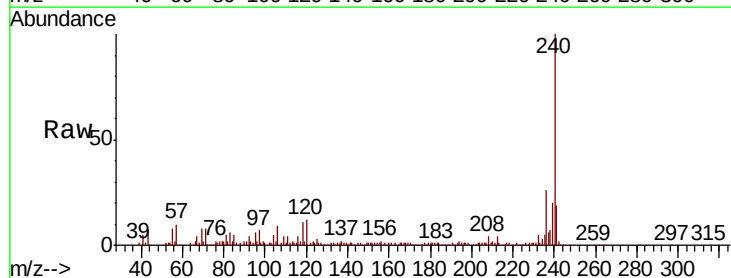
Tgt Ion:240 Resp: 153528

Ion Ratio Lower Upper

240 100

120 12.1 9.1 13.7

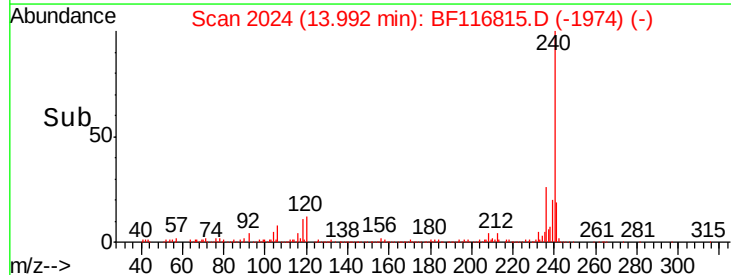
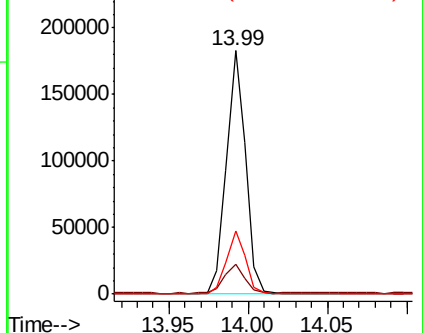
236 26.0 21.1 31.7

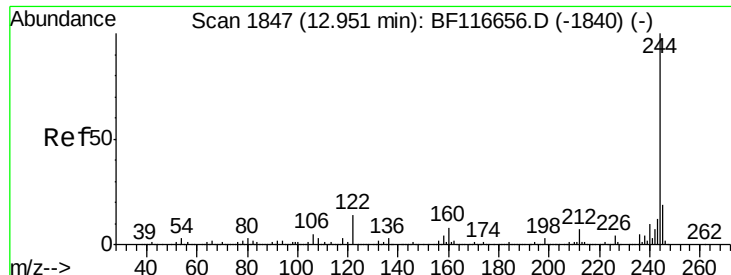


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

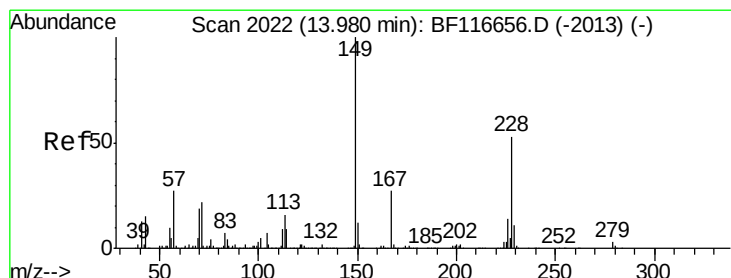
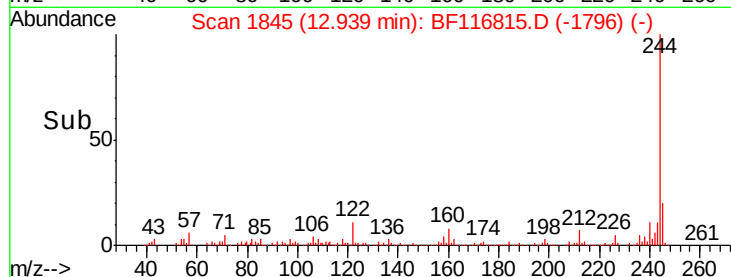
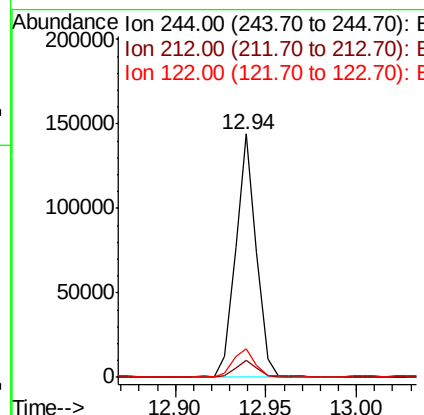
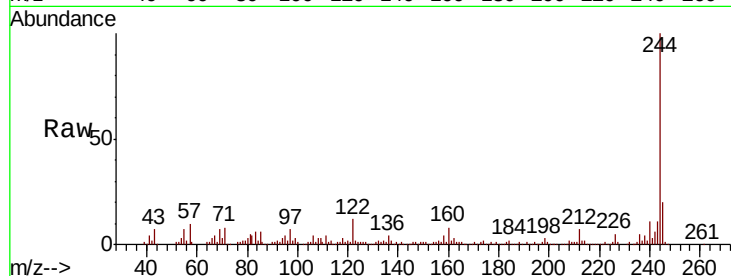




#79
 Terphenyl-d14
 Concen: 13.675 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116815.D
 Acq: 4 Sep 2019 15:05

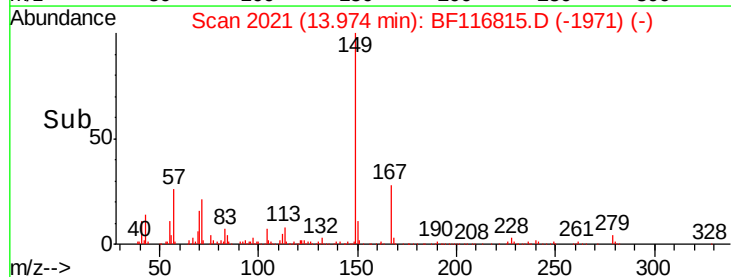
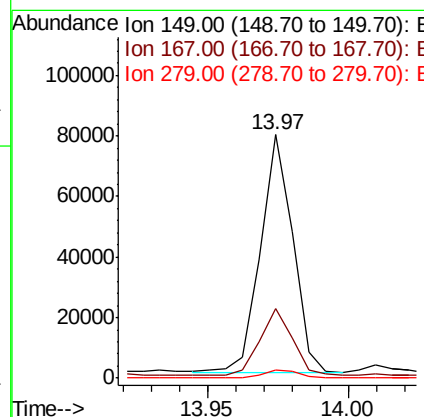
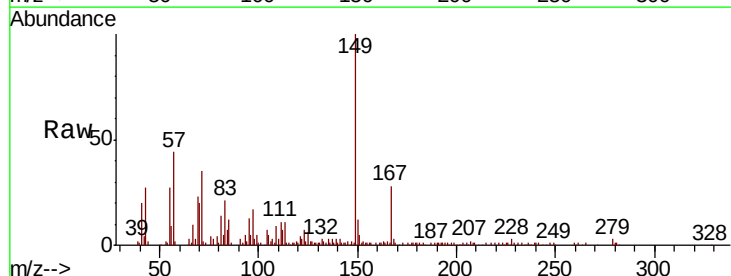
Instrument :
 BNA_F
 ClientSampleId :

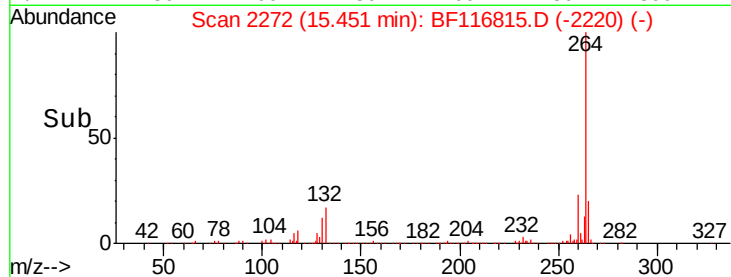
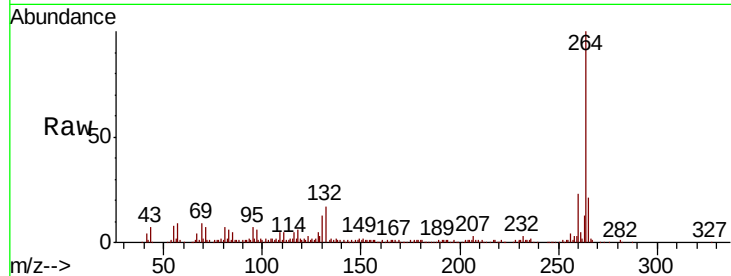
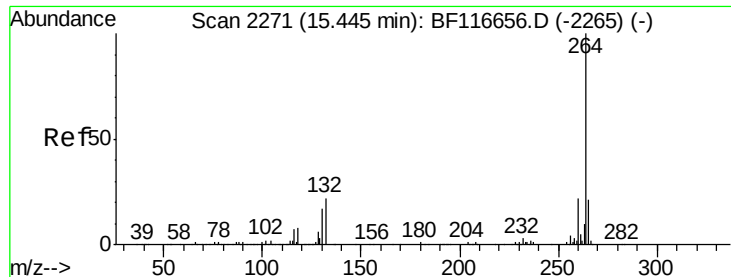
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	11.9	10.2	15.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.603 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF116815.D
 Acq: 4 Sep 2019 15:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.0	31.4
279	3.4	2.8	4.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116815.D
Acq: 4 Sep 2019 15:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.3	27.5
265	20.5	16.5	24.7

