

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081919\
 Data File : BF116389.D
 Acq On : 19 Aug 2019 14:57
 Operator : HP/JU
 Sample : K4321-05RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Aug 19 16:18:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:03:31 2019
 Response via : Initial Calibration

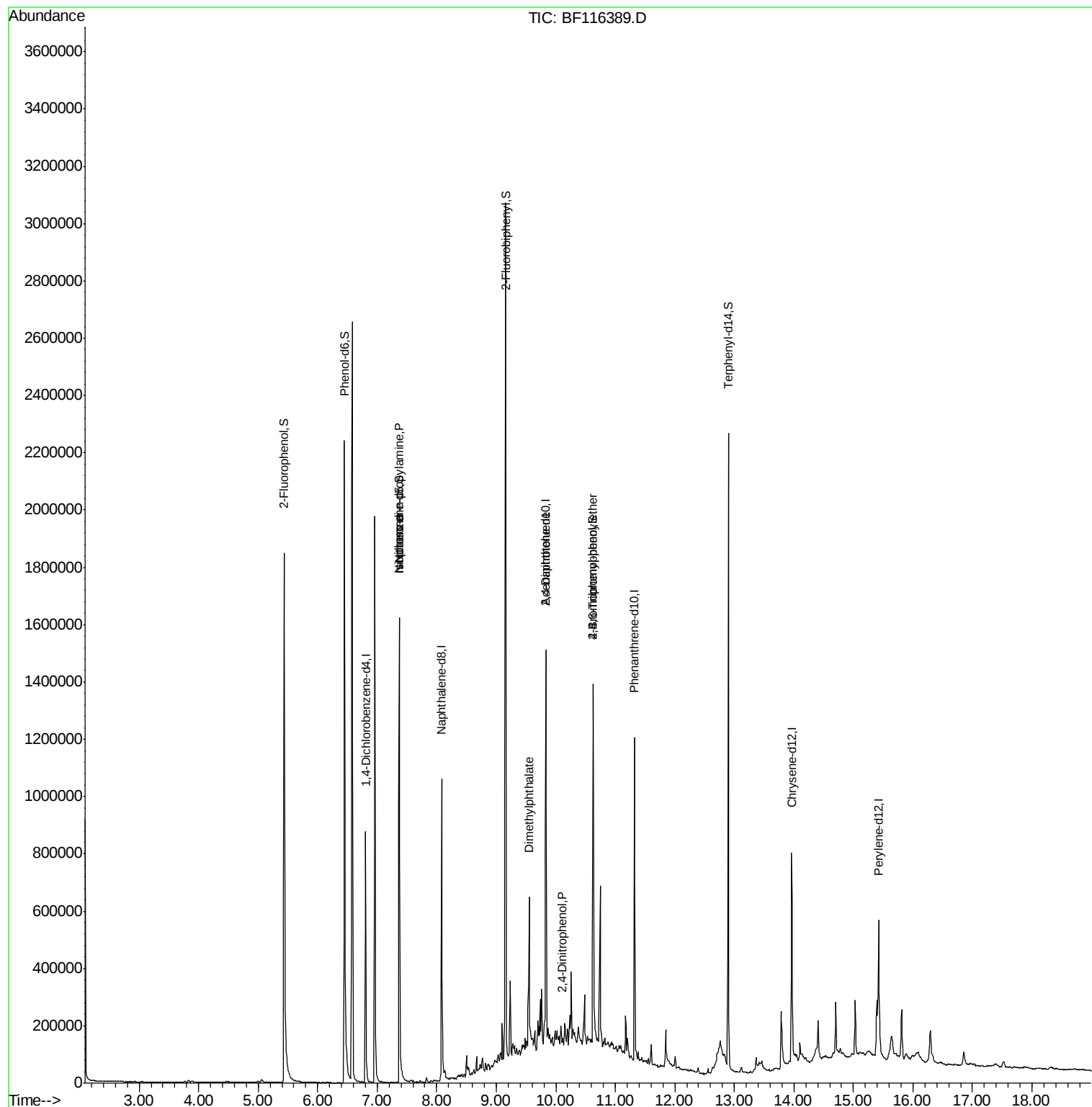
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	137653	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	534385	20.00	ng	-0.02
39) Acenaphthene-d10	9.83	164	262888	20.00	ng	-0.02
64) Phenanthrene-d10	11.32	188	388899	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	232846	20.00	ng	-0.02
87) Perylene-d12	15.42	264	249889	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	693222	84.31	ng	0.00
7) Phenol-d6	6.45	99	886152	85.42	ng	-0.01
23) Nitrobenzene-d5	7.37	82	555880	60.04	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	176717	69.33	ng	-0.02
45) 2-Fluorobiphenyl	9.16	172	944883	67.32	ng	-0.01
79) Terphenyl-d14	12.90	244	705825	63.87	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	74249	11.550	ng	# 79
25) Isophorone	7.37	82	555880	31.402	ng	# 65
50) Dimethylphthalate	9.55	163	105706	5.905	ng	100
54) 2,4-Dinitrophenol	10.12	184	693	8.129	ng	# 51
57) 2,4-Dinitrotoluene	9.83	165	34568	6.674	ng	# 21
67) 4-Bromophenyl-phenylether	10.63	248	10396	2.497	ng	# 1

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

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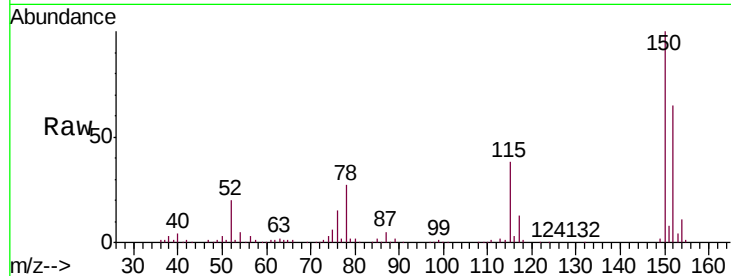


#1

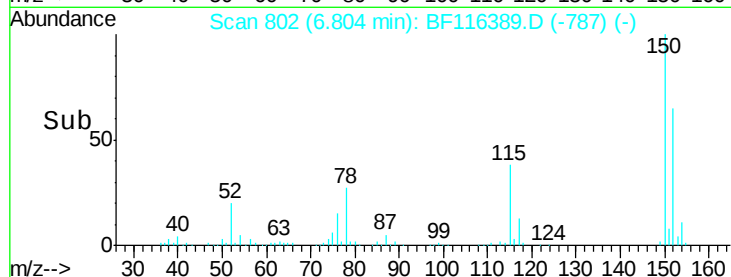
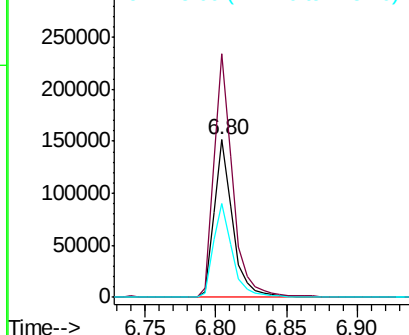
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF116389.D
Acq: 19 Aug 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:152 Resp: 137653
Ion Ratio Lower Upper
152 100
150 154.7 126.2 189.2
115 59.5 49.9 74.9



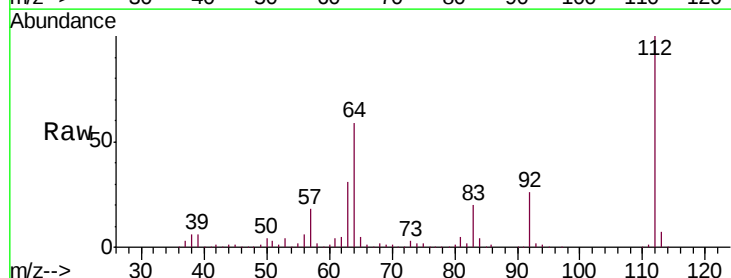
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



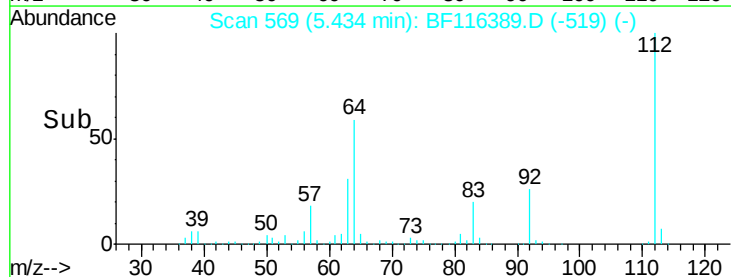
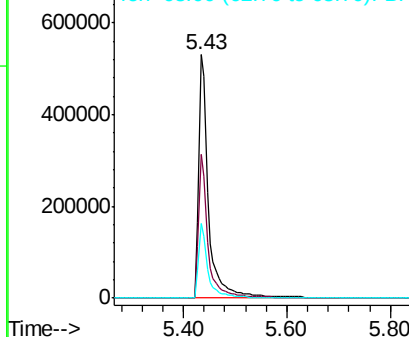
#5

2-Fluorophenol
Concen: 84.306 ng
RT: 5.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BF116389.D
Acq: 19 Aug 2019 14:57

Tgt Ion:112 Resp: 693222
Ion Ratio Lower Upper
112 100
64 59.3 45.4 68.2
63 30.6 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: 85.417 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampled :

SP-3

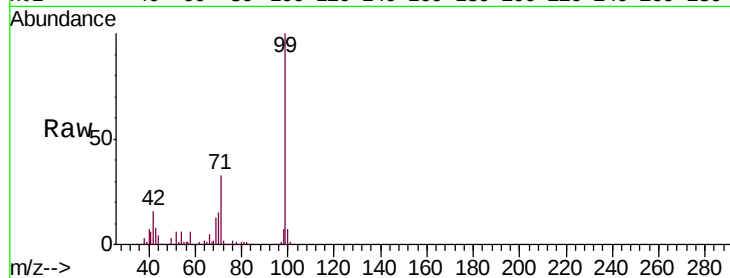
Tgt Ion: 99 Resp: 886152

Ion Ratio Lower Upper

99 100

42 16.2 13.8 20.8

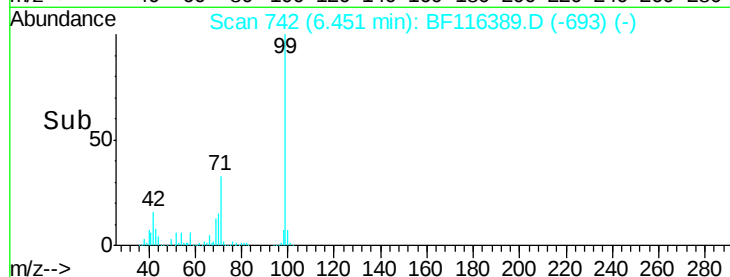
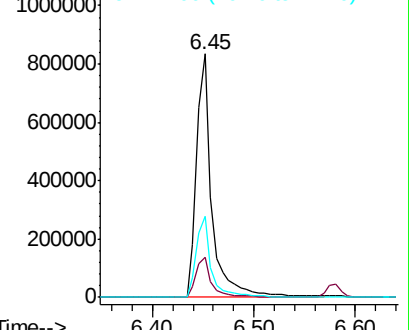
71 33.2 27.3 40.9



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: 11.550 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Tgt Ion: 70 Resp: 74249

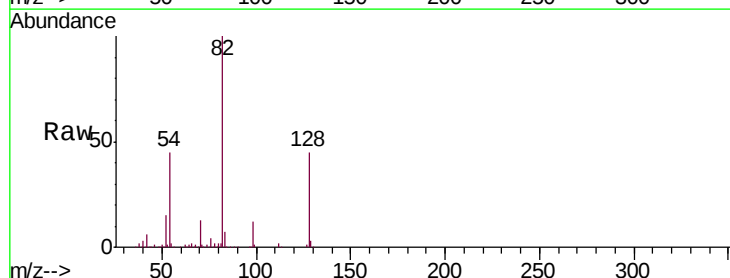
Ion Ratio Lower Upper

70 100

42 42.4 40.9 61.3

101 0.0 7.9 11.9#

130 2.3 16.9 25.3#

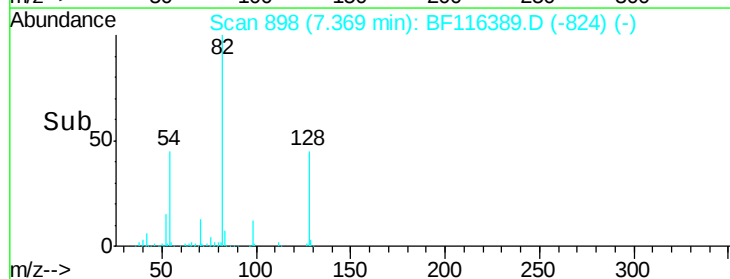
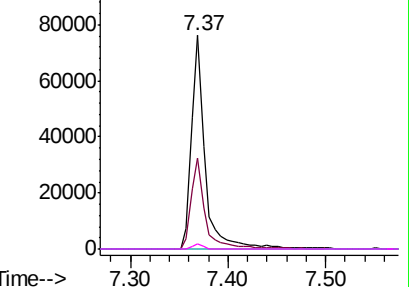


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

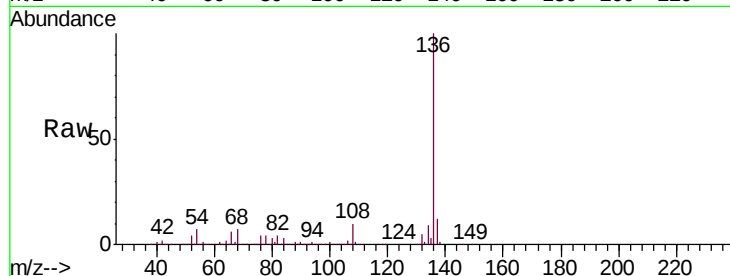




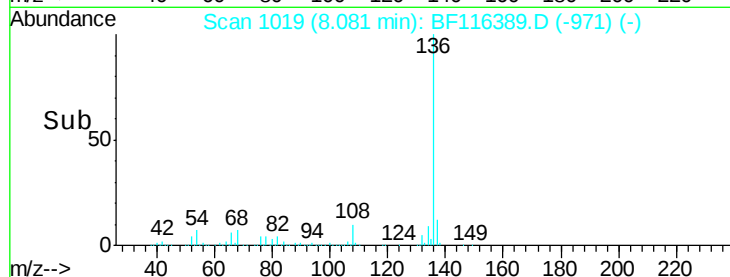
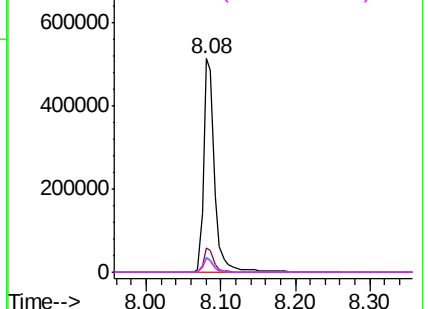
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BF116389.D
Acq: 19 Aug 2019 14:57

Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion:	136	Resp:	534385
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.4
54	7.4	5.8	8.6
68	6.6	5.2	7.8

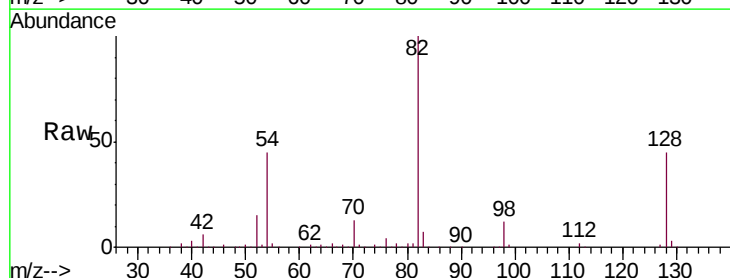


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

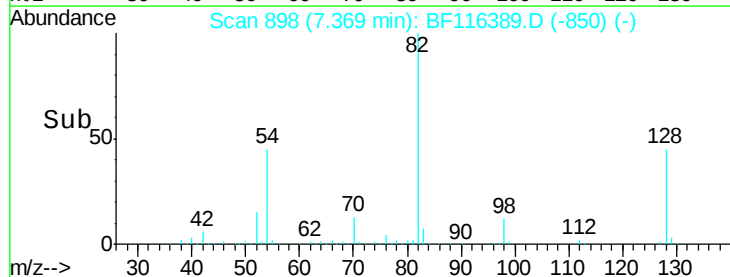
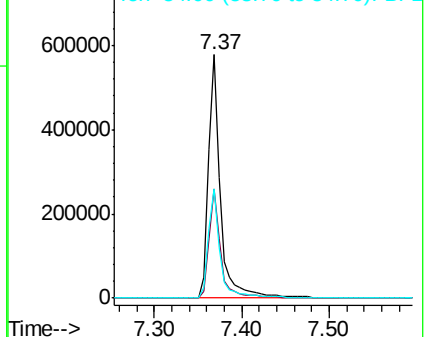


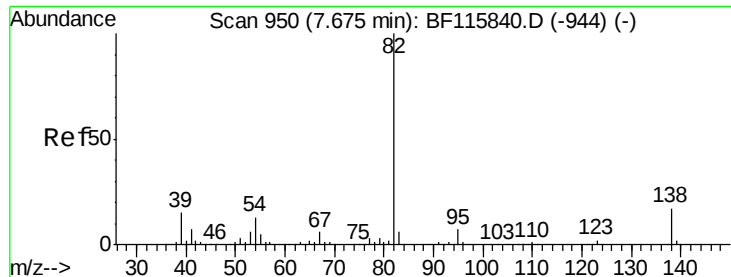
#23
Nitrobenzene-d5
Concen: 60.045 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF116389.D
Acq: 19 Aug 2019 14:57

Tgt Ion:	82	Resp:	555880
Ion	Ratio	Lower	Upper
82	100		
128	44.6	36.5	54.7
54	45.1	36.0	54.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 31.402 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.27 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SP-3

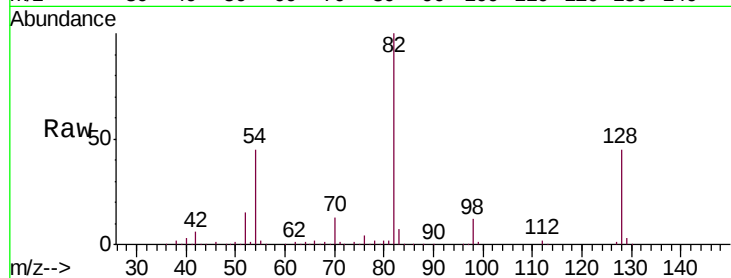
Tgt Ion: 82 Resp: 555880

Ion Ratio Lower Upper

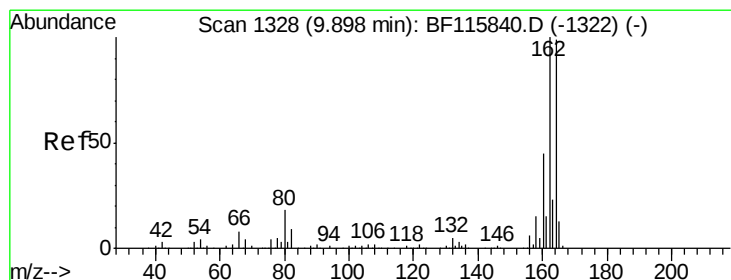
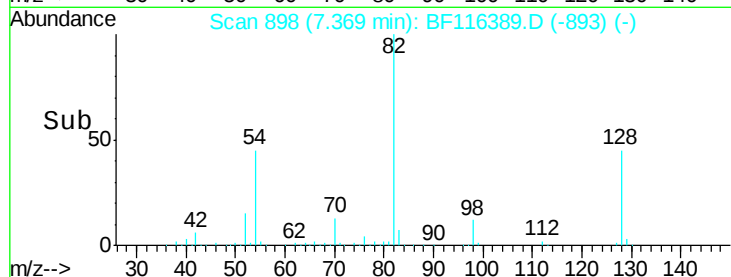
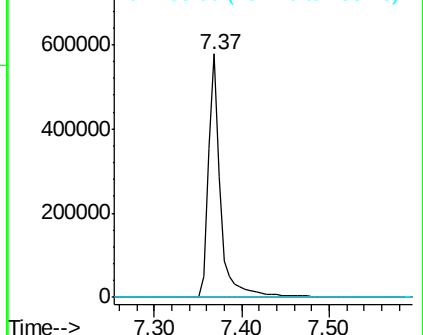
82 100

95 0.0 5.4 8.0#

138 0.0 14.5 21.7#



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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

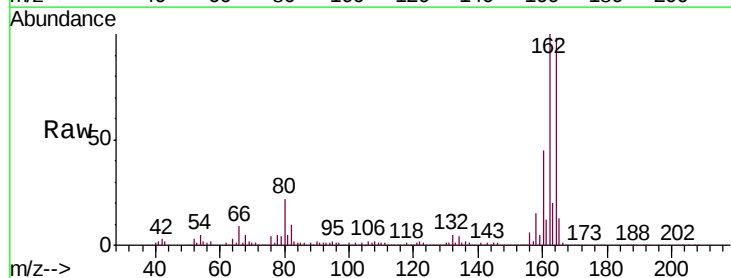
Tgt Ion: 164 Resp: 262888

Ion Ratio Lower Upper

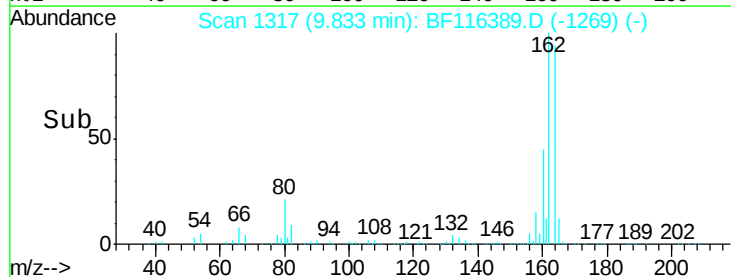
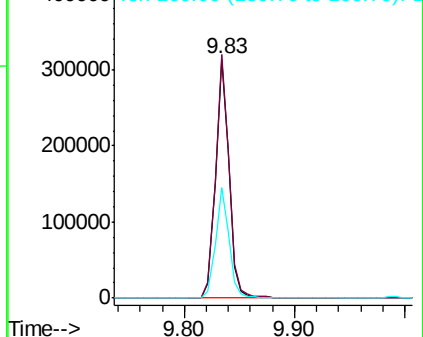
164 100

162 102.0 82.6 124.0

160 46.1 37.6 56.4



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

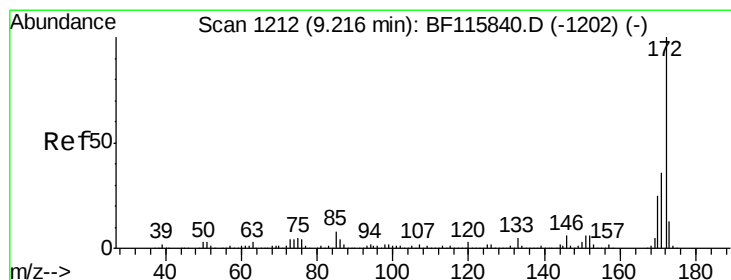
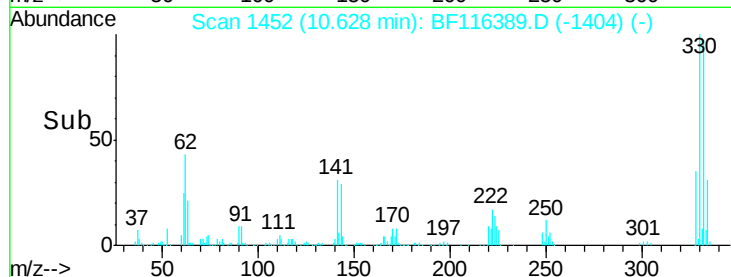
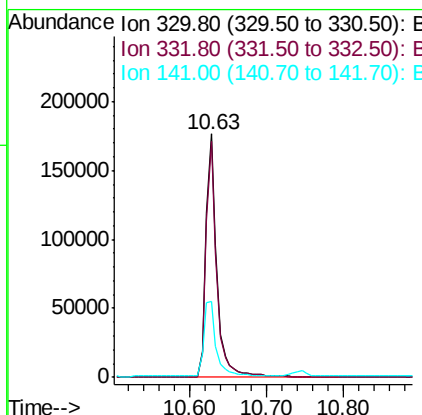
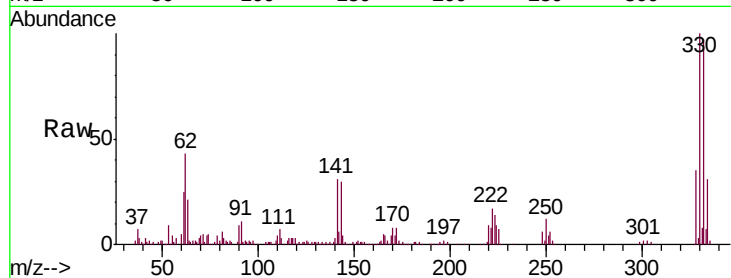




#42
 2,4,6-Tribromophenol
 Concen: 69.334 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

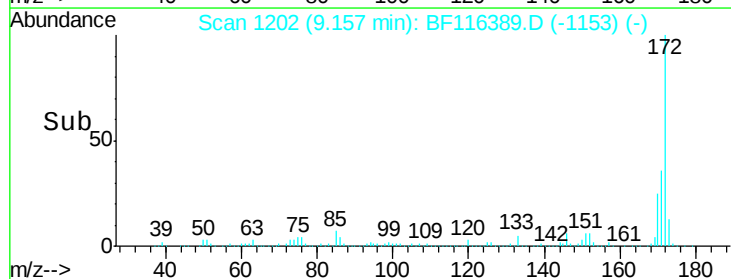
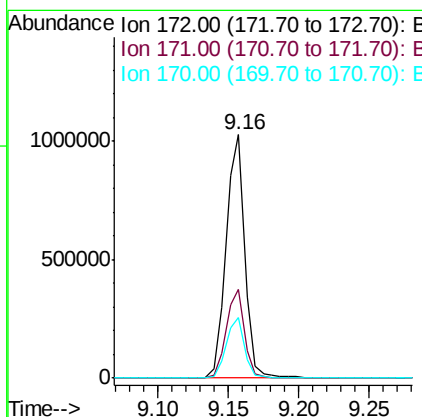
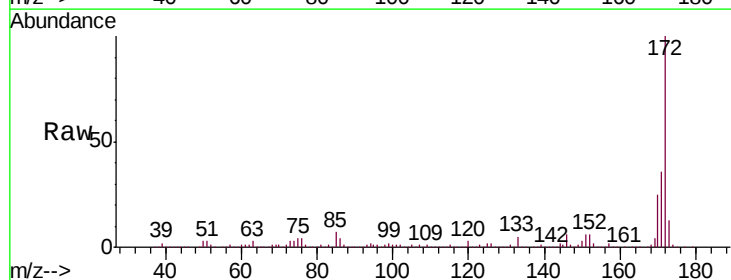
Instrument :
 BNA_F
 ClientSampleId :
 SP-3

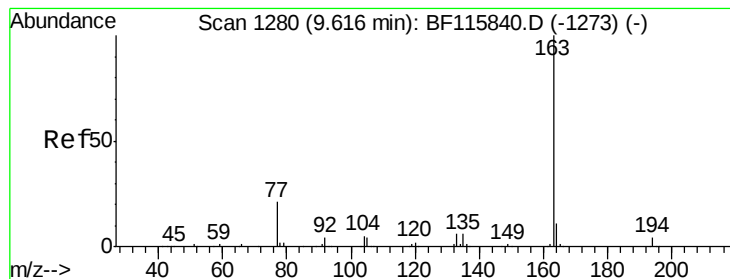
Tgt Ion:330 Resp: 176717
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 34.4 26.3 39.5



#45
 2-Fluorobiphenyl
 Concen: 67.323 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion:172 Resp: 944883
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 25.0 20.1 30.1





#50

Dimethylphthalate

Concen: 5.905 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.02 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

Instrument :

BNA_F

ClientSampleId :

SP-3

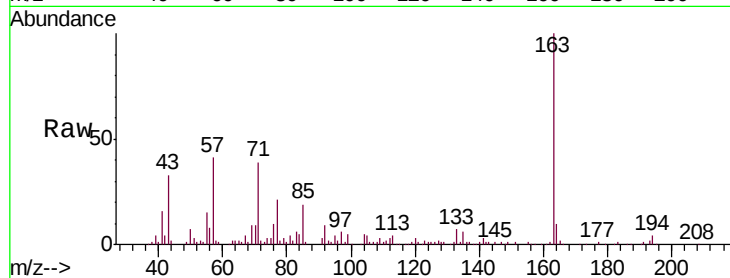
Tgt Ion:163 Resp: 105706

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.5 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

150000

100000

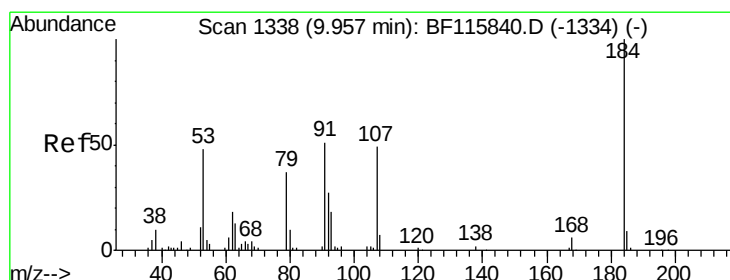
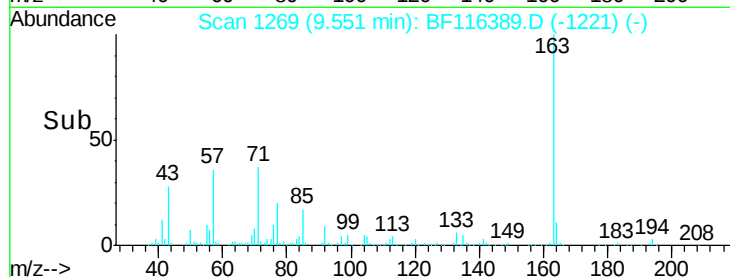
50000

0

9.55

9.50 9.55 9.60 9.65

Time-->



#54

2,4-Dinitrophenol

Concen: 8.129 ng

RT: 10.12 min Scan# 1365

Delta R.T. 0.17 min

Lab File: BF116389.D

Acq: 19 Aug 2019 14:57

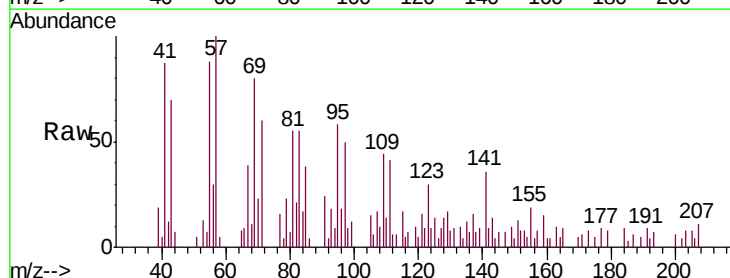
Tgt Ion:184 Resp: 693

Ion Ratio Lower Upper

184 100

63 0.0 53.0 79.4#

154 52.8 50.1 75.1



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

2000

1500

1000

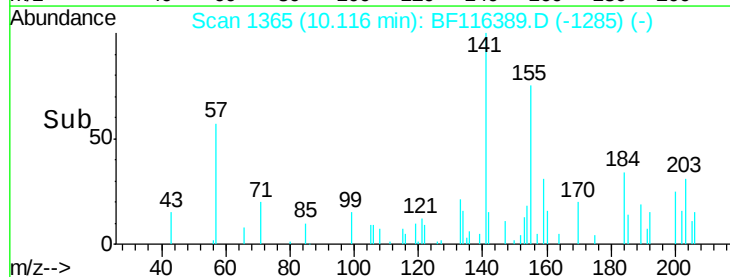
500

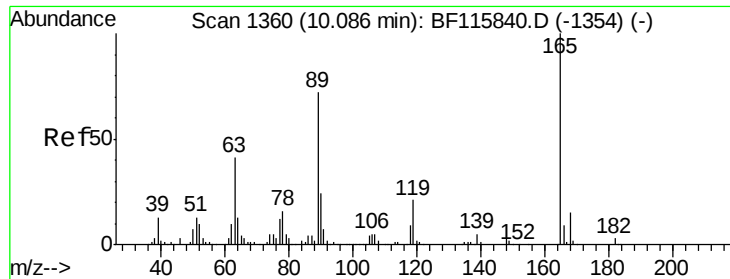
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10.12

10.08 10.10 10.12 10.14

Time-->

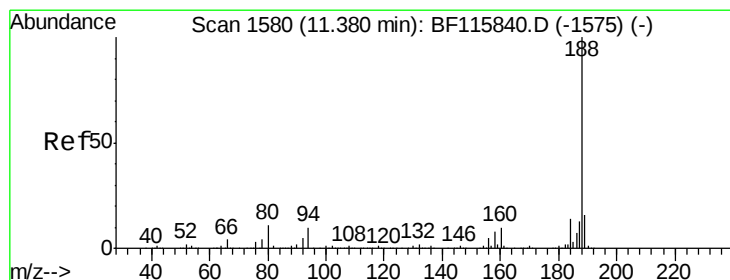
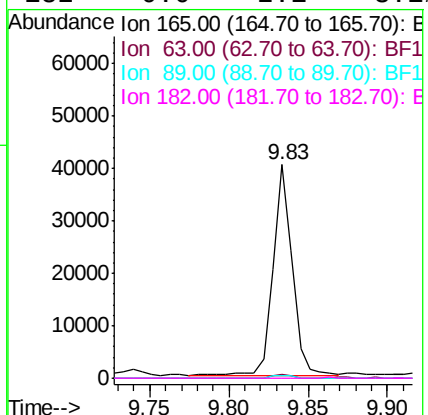
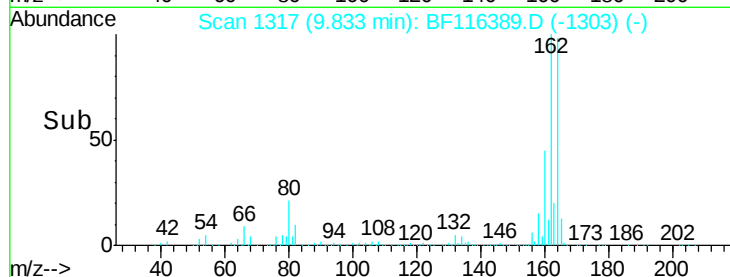
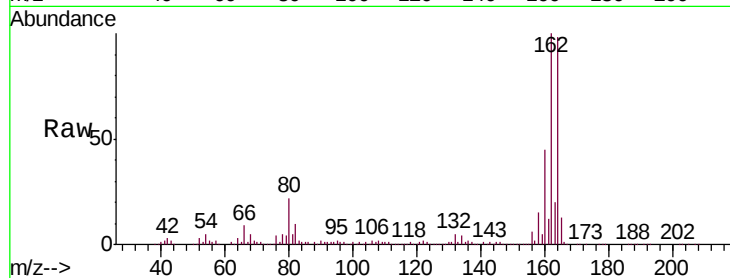




#57
 2,4-Dinitrotoluene
 Concen: 6.674 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.22 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

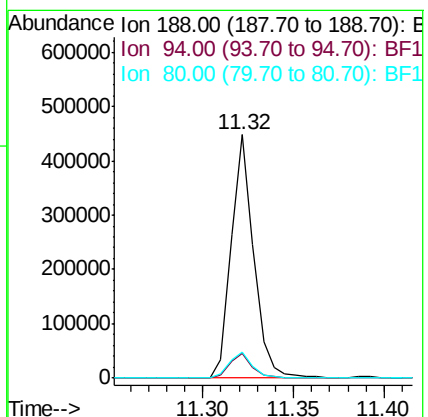
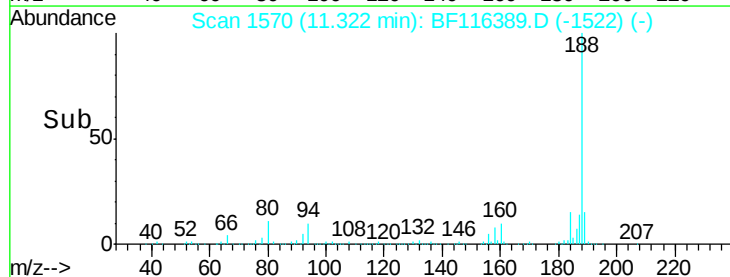
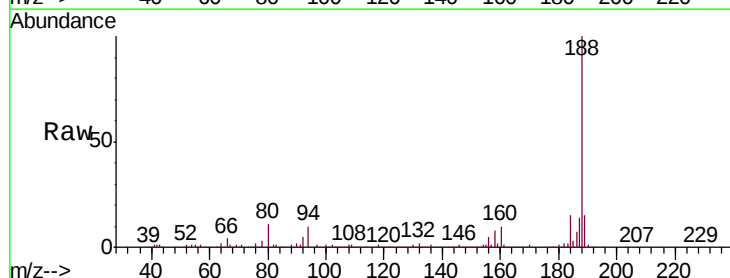
Instrument :
 BNA_F
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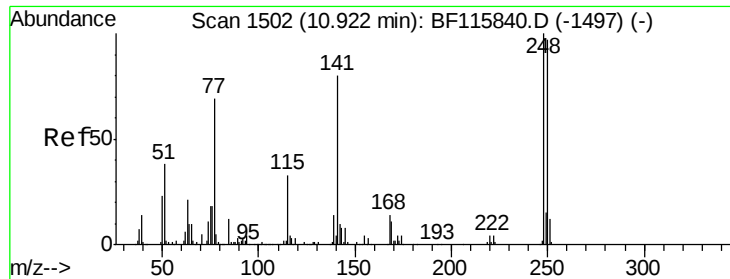
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	39.6	59.4#
89	1.4	62.2	93.2#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.1	12.1
80	10.8	8.7	13.1

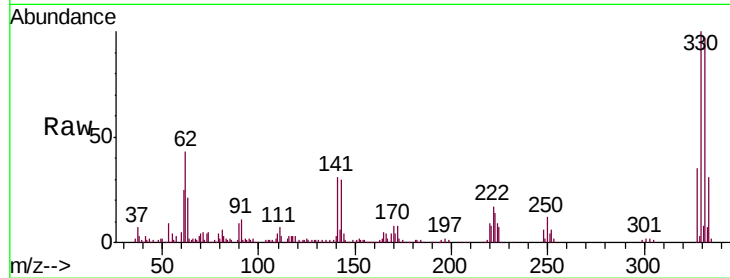




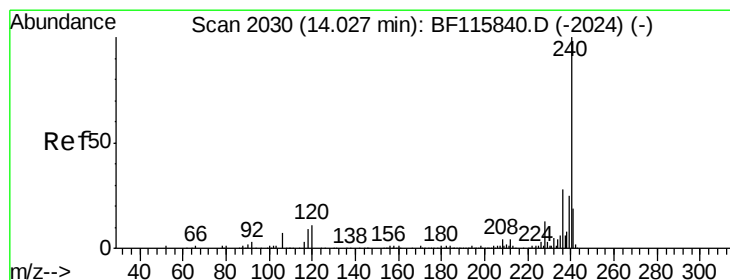
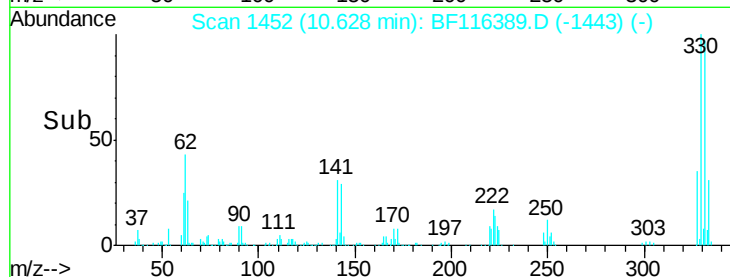
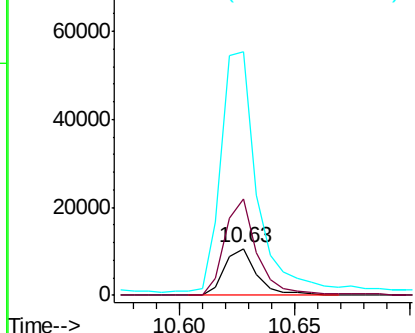
#67
 4-Bromophenyl-phenylether
 Concen: 2.497 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.3	77.4	116.2#
141	520.3	56.8	85.2#

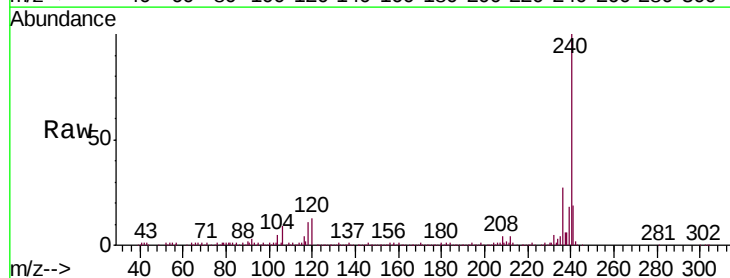


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

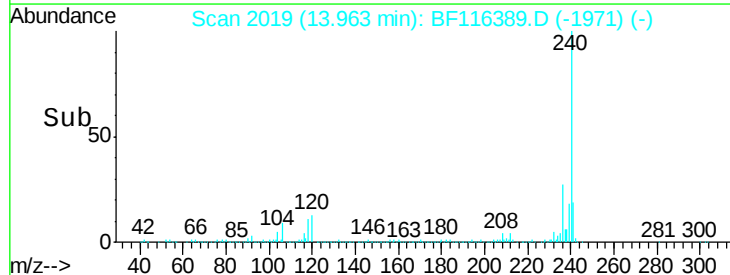
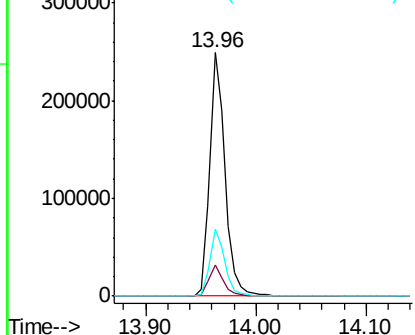


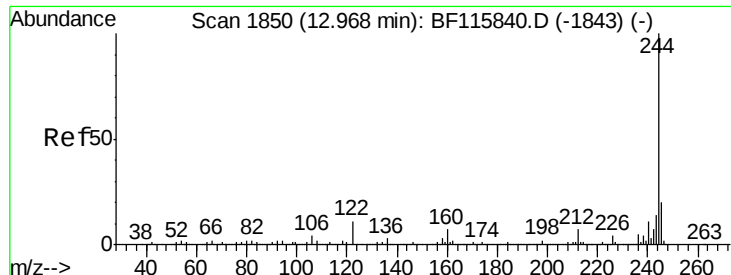
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	10.7	16.1
236	27.4	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

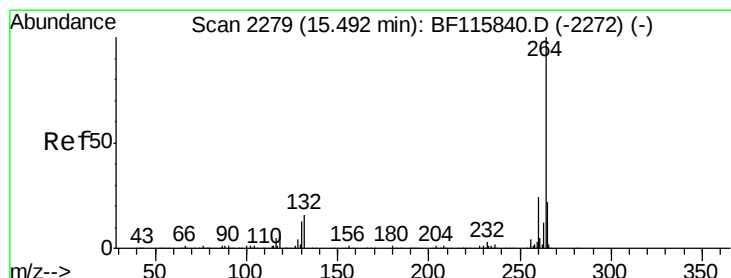
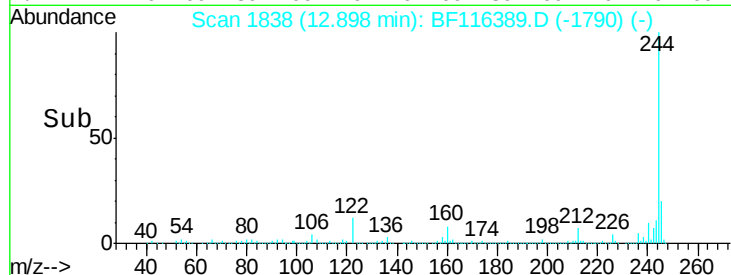
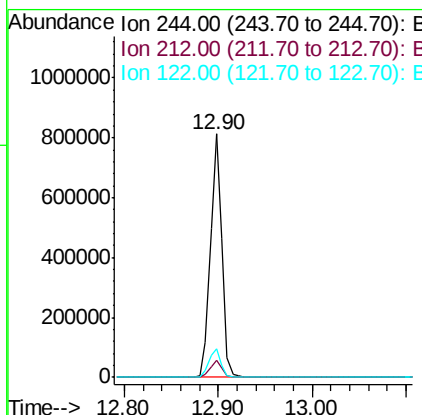
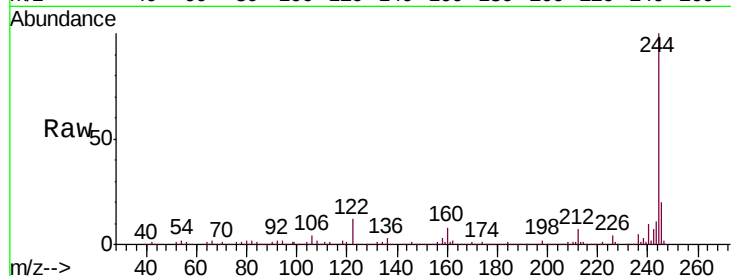




#79
 Terphenyl-d14
 Concen: 63.874 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 705825
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 11.9 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF116389.D
 Acq: 19 Aug 2019 14:57

Tgt Ion:264 Resp: 249889
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.7 29.5
 265 21.8 17.4 26.0

