

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116169.D
 Acq On : 11 Aug 2019 2:17
 Operator : HP/JU
 Sample : K4293-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 01:00:44 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

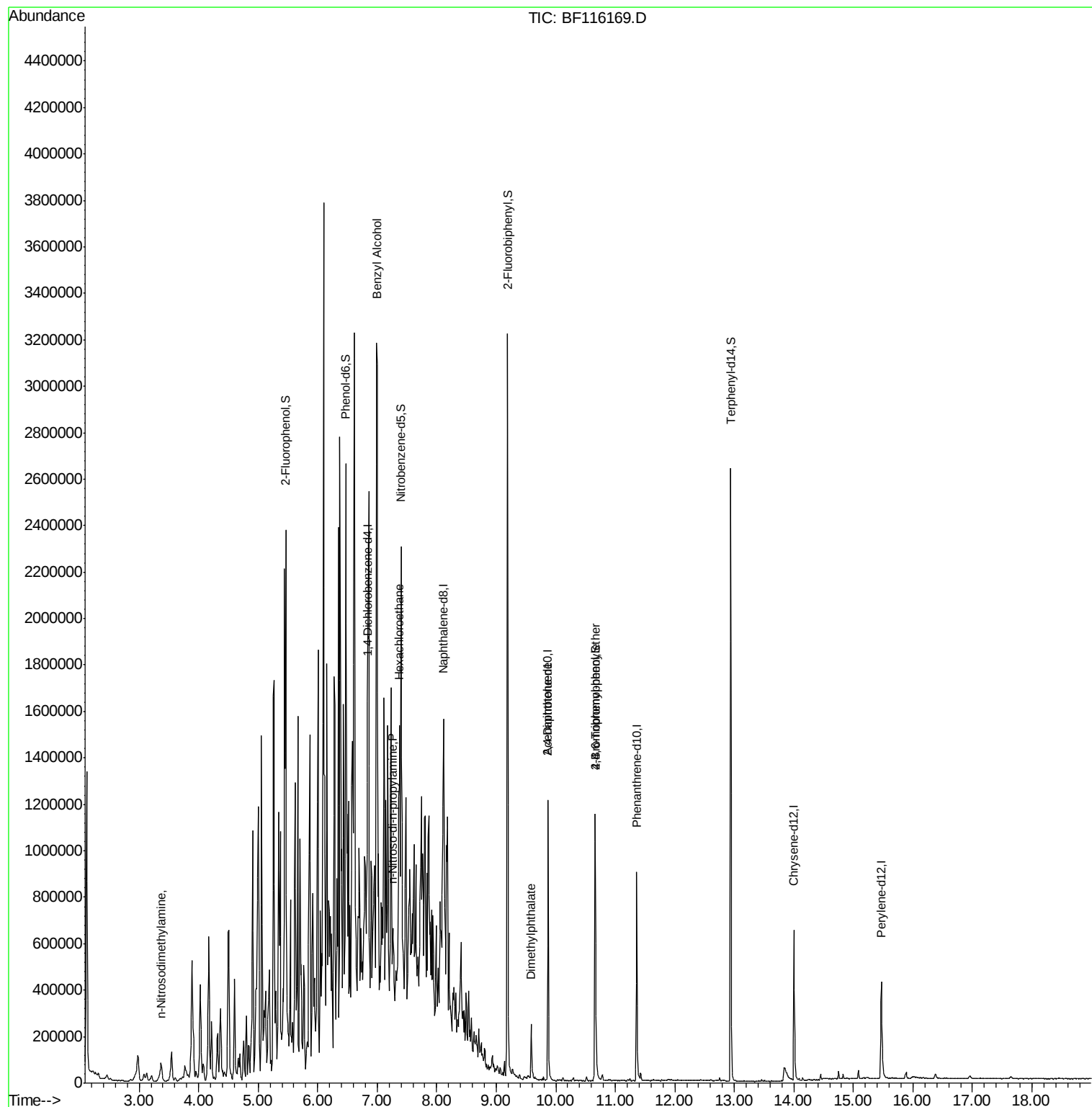
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	126115	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	500034	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	257513	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	389507	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	267129	20.00	ng	0.00
87) Perylene-d12	15.47	264	258546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	686418	91.12	ng	0.00
7) Phenol-d6	6.47	99	933142	98.18	ng	-0.01
23) Nitrobenzene-d5	7.40	82	580120	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	181910	72.86	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1067349	77.64	ng	-0.01
79) Terphenyl-d14	12.94	244	892834	70.43	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.37	42	11727	2.795	ng	# 1
15) Benzyl Alcohol	7.00	79	20651	2.863	ng	# 59
18) Hexachloroethane	7.37	117	33636	9.477	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	21943	3.726	ng	# 69
50) Dimethylphthalate	9.59	163	106884	6.096	ng	# 98
57) 2,4-Dinitrotoluene	9.87	165	32982	6.501	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	11023	2.644	ng	# 1

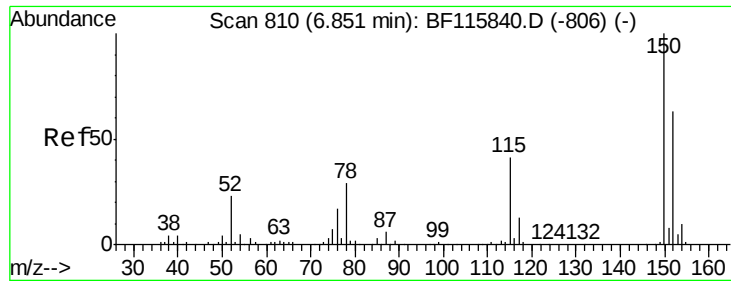
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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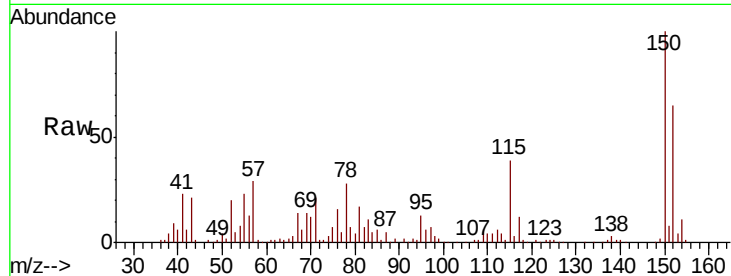


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.2
115	60.1	49.9	74.9

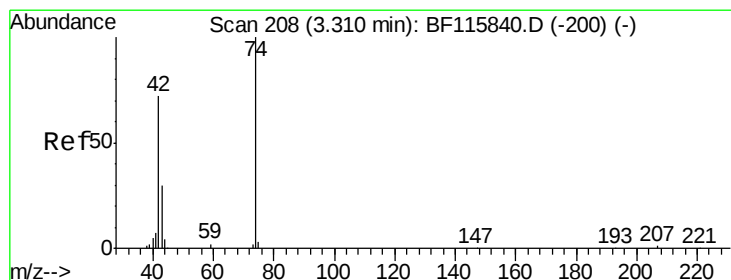
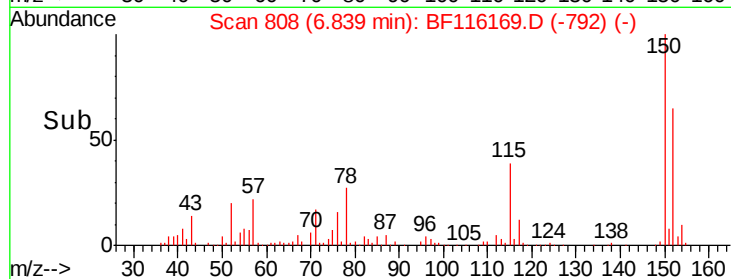
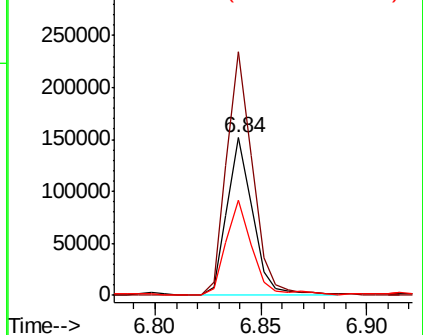


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

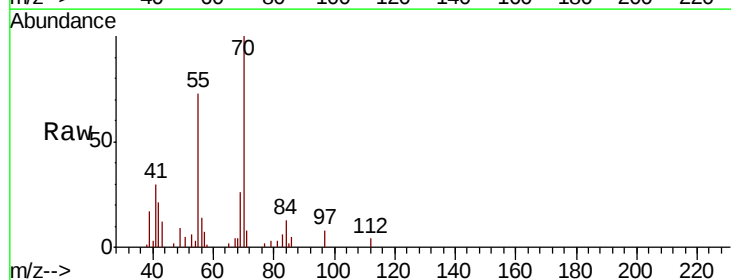
Ion 115.00 (114.70 to 115.70): E



#4

n-Nitrosodimethylamine
 Concen: 2.795 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.04 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	116.0	174.0#
44	0.0	4.6	7.0#

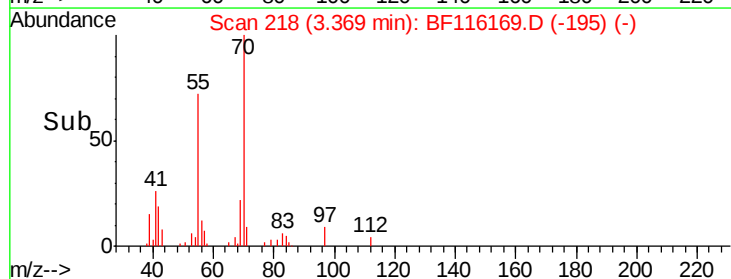
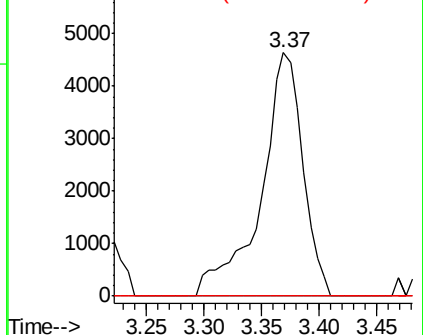


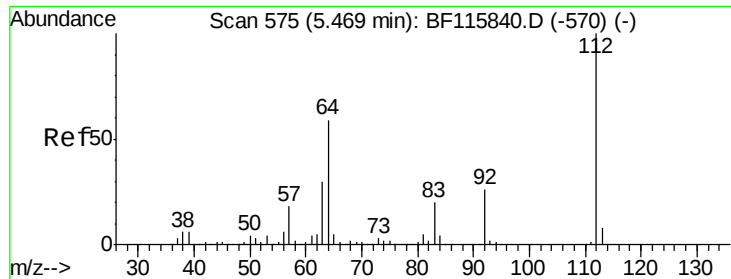
Abundance

Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 91.116 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampleId :

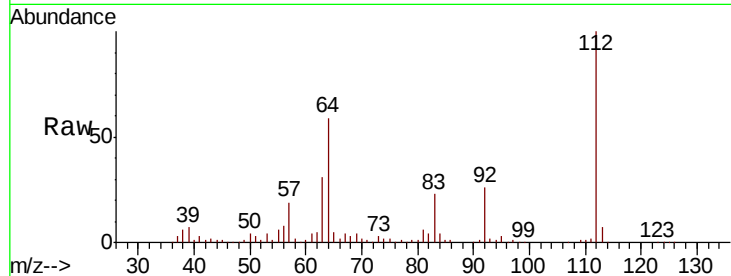
Tot Ion:112 Resp: 686418

Ion Ratio Lower Upper

112 100

64 58.7 45.4 68.2

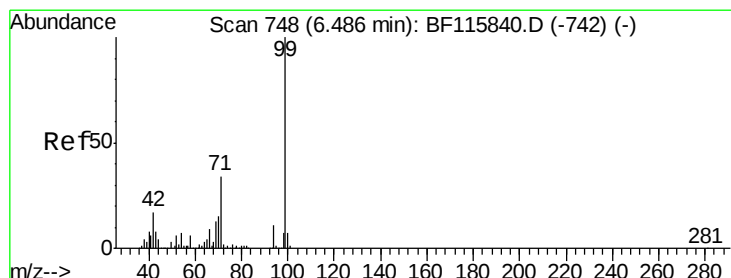
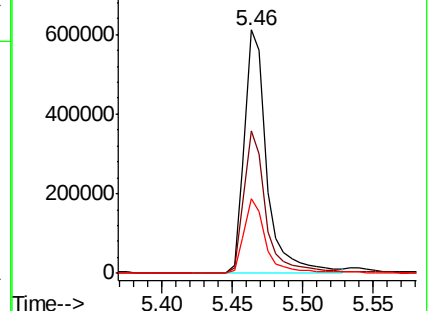
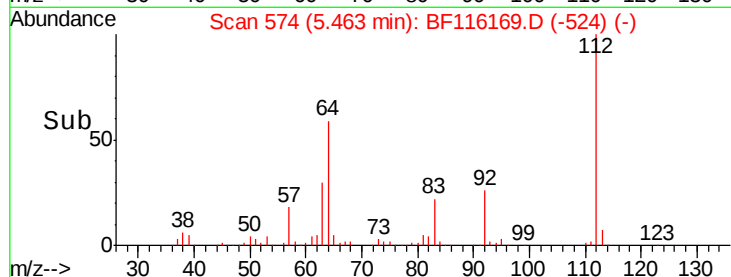
63 30.5 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 98.176 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

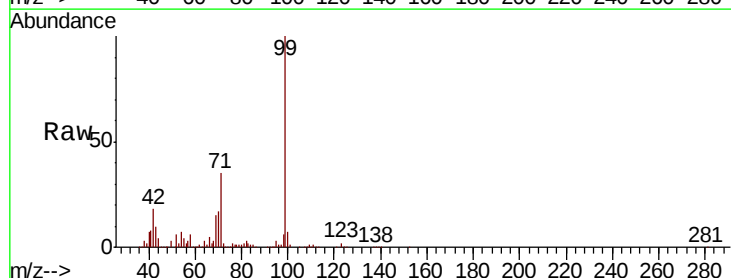
Tgt Ion: 99 Resp: 933142

Ion Ratio Lower Upper

99 100

42 17.6 13.8 20.8

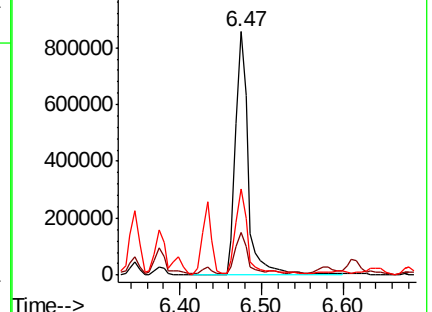
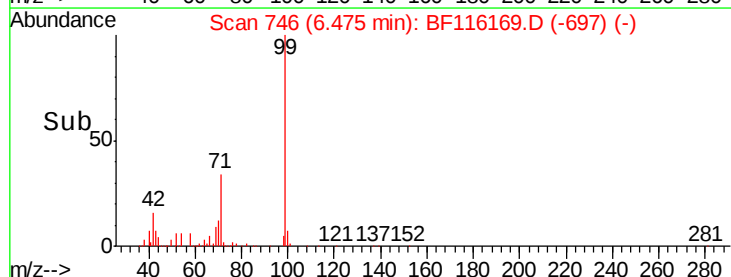
71 35.1 27.3 40.9

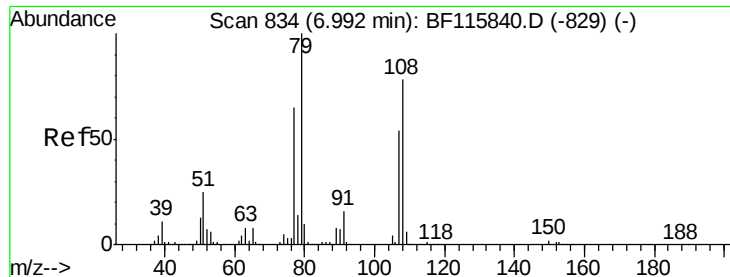


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#15

Benzyl Alcohol

Concen: 2.863 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampled :

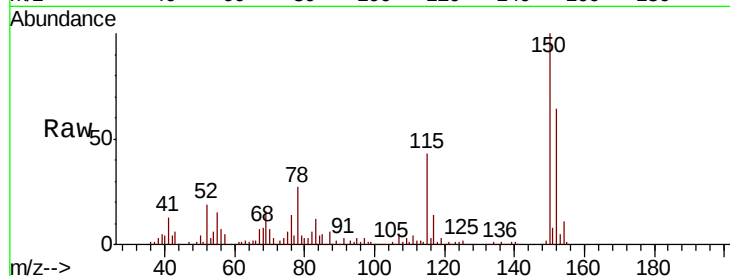
Tot Ion: 79 Resp: 20651

Ion Ratio Lower Upper

79 100

108 34.9 62.7 94.1#

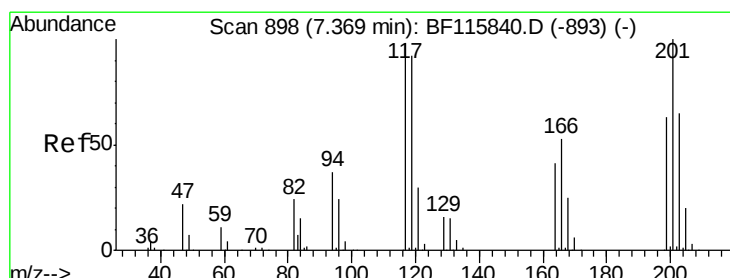
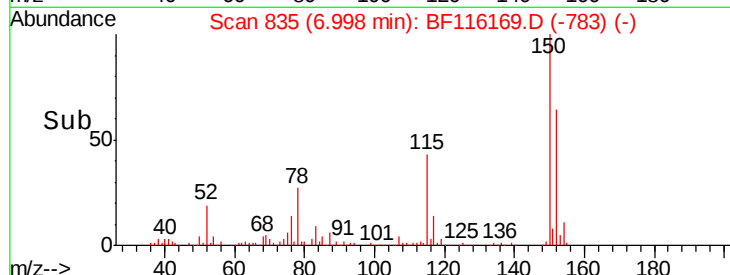
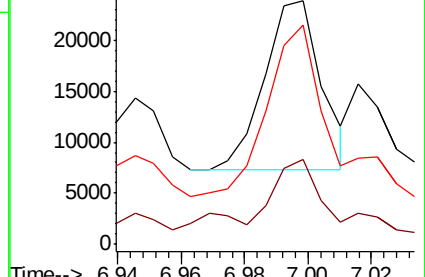
77 89.9 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1



#18

Hexachloroethane

Concen: 9.477 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.02 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

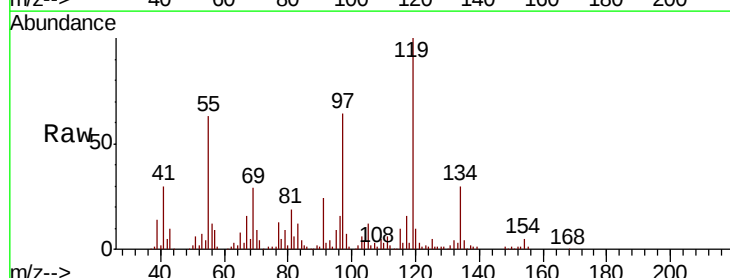
Tgt Ion: 117 Resp: 33636

Ion Ratio Lower Upper

117 100

119 621.1 76.1 114.1#

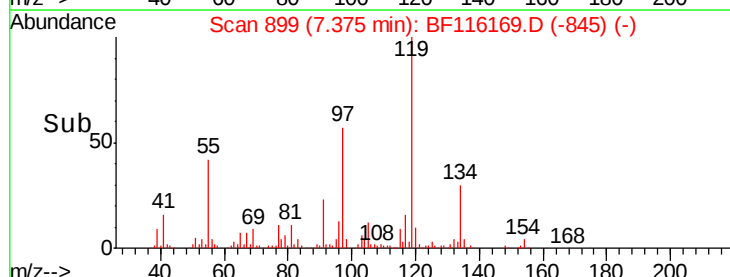
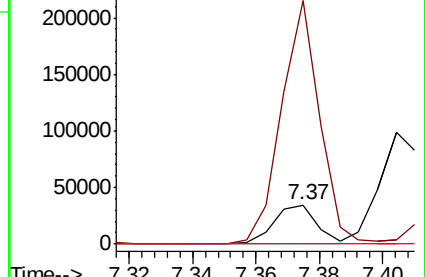
201 0.0 77.0 115.4#

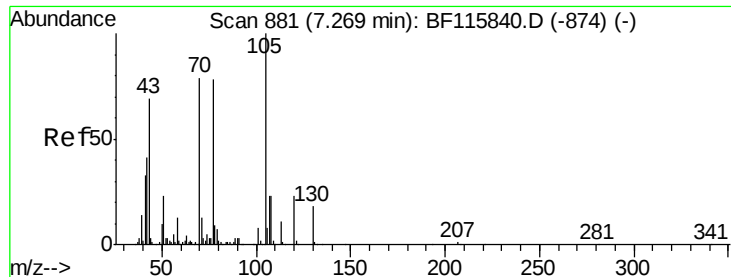


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

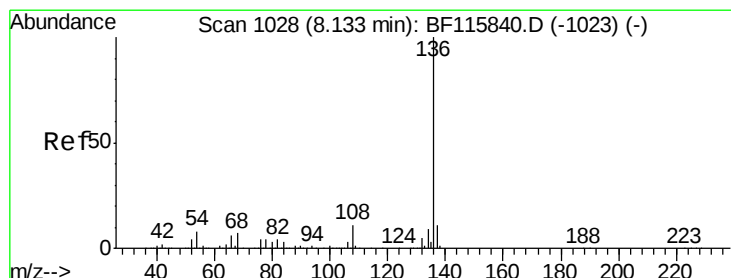
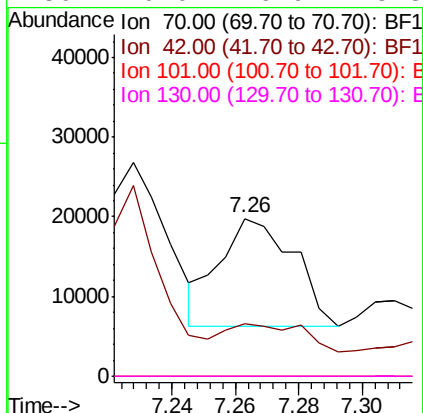
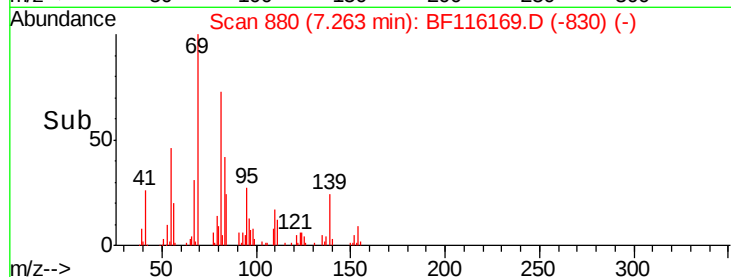
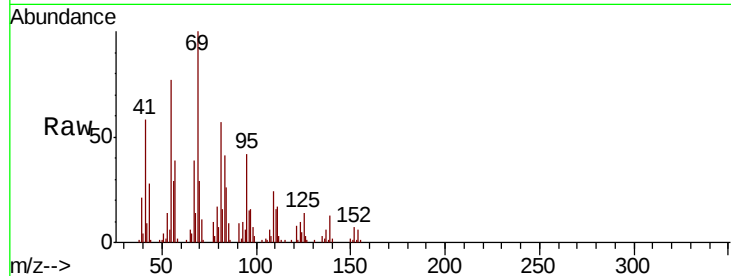




#19
n-Nitroso-di-n-propylamine
Concen: 3.726 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

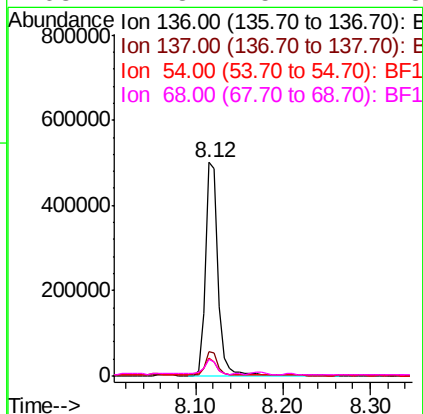
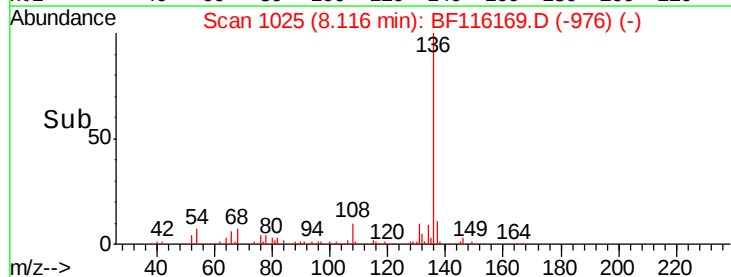
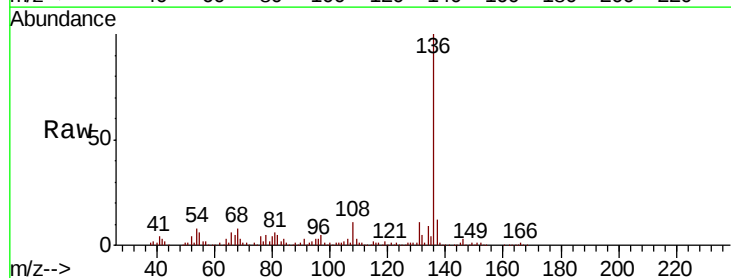
Instrument :
BNA_F
ClientSampleId :

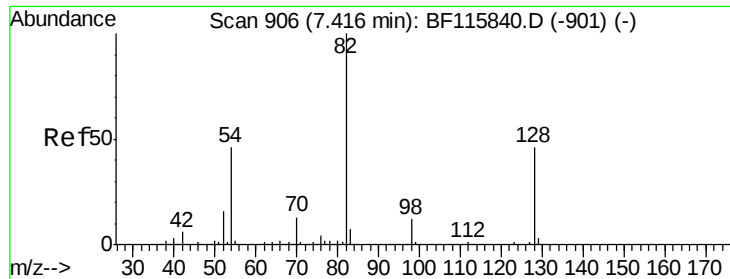
Tot Ion: 70 Resp: 21943
Ion Ratio Lower Upper
70 100
42 33.1 40.9 61.3#
101 0.0 7.9 11.9#
130 0.0 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116169.D
Acq: 11 Aug 2019 2:17

Tgt Ion: 136 Resp: 500034
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.2 5.8 8.6
68 7.8 5.2 7.8

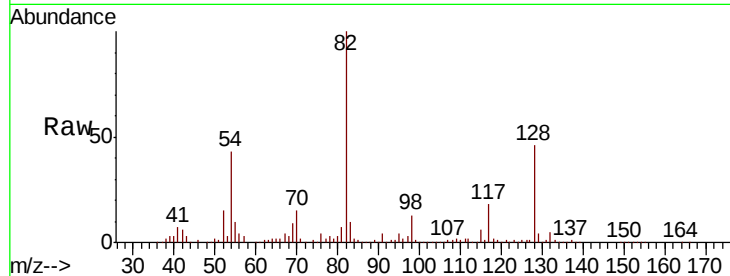




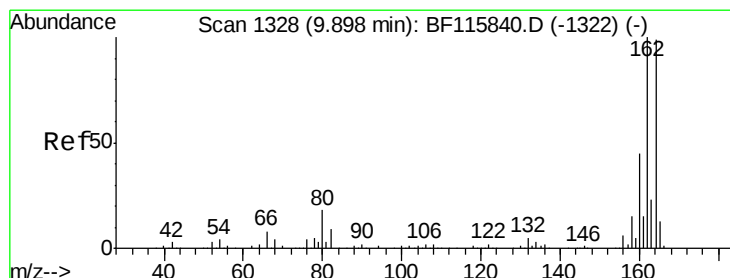
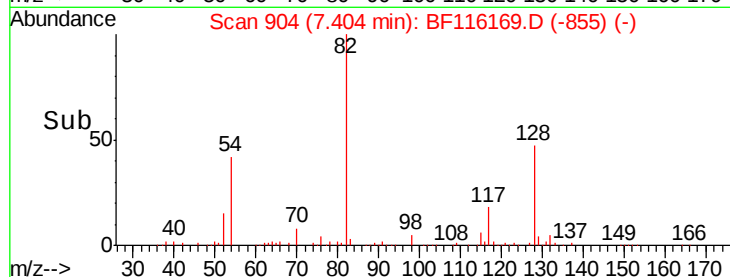
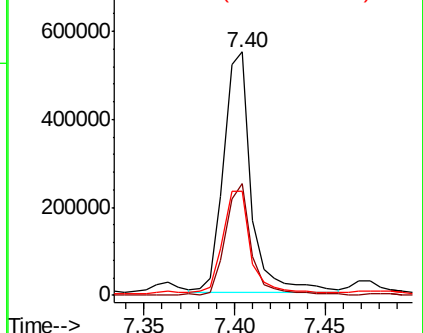
#23
 Nitrobenzene-d5
 Concen: 66.968 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	580120
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.5	54.7
54	43.0	36.0	54.0

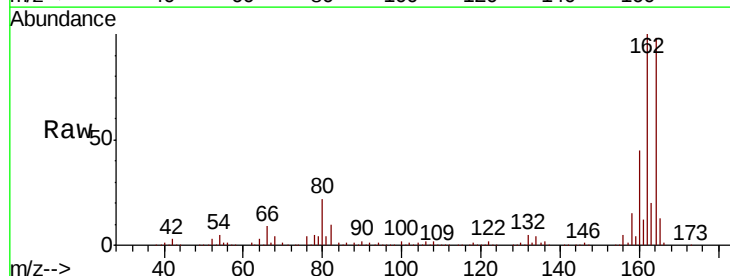


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

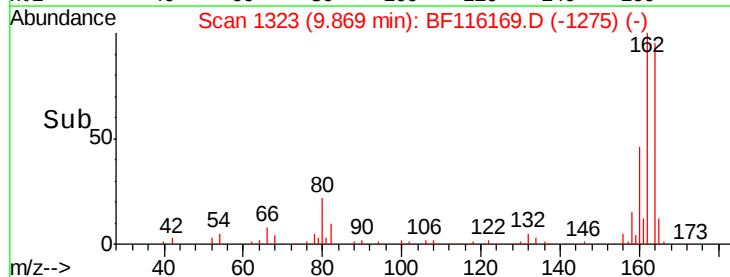
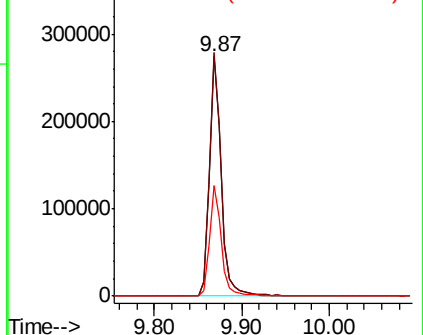


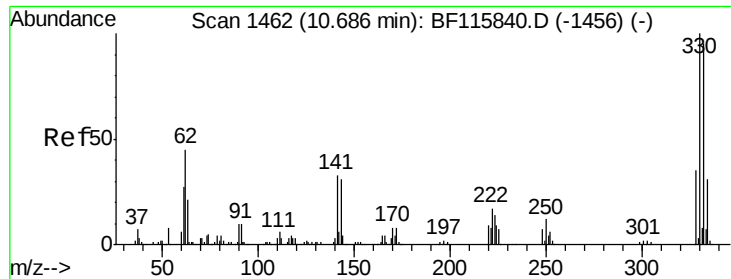
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion	164	Resp	257513
Ion Ratio	Lower	Upper	
164	100		
162	101.8	82.6	124.0
160	46.2	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: 72.861 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampleId :

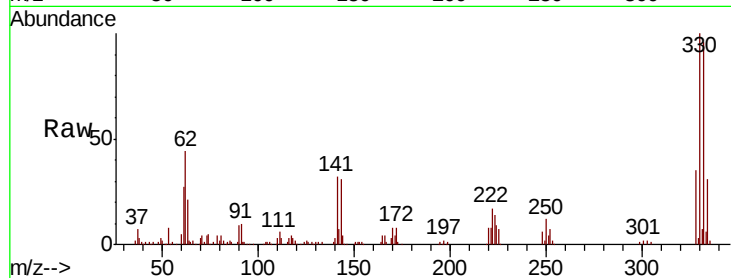
Tot Ion:330 Resp: 181910

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 34.5 26.3 39.5

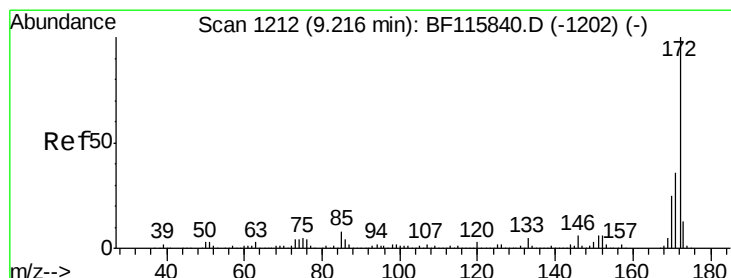
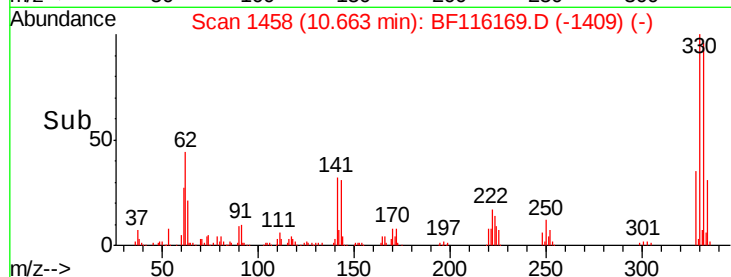
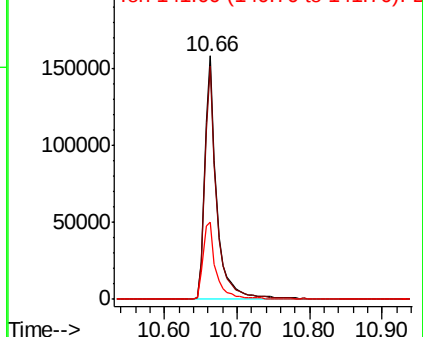


Abundance

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: 77.636 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

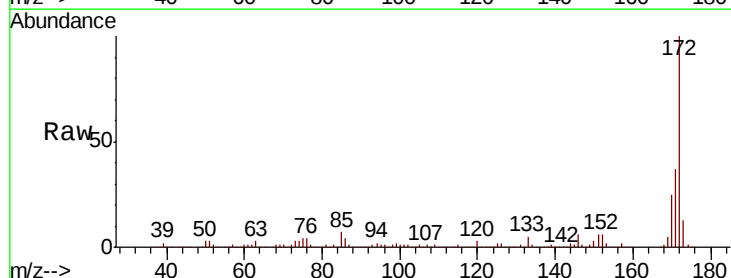
Tgt Ion:172 Resp: 1067349

Ion Ratio Lower Upper

172 100

171 36.6 29.6 44.4

170 24.9 20.1 30.1

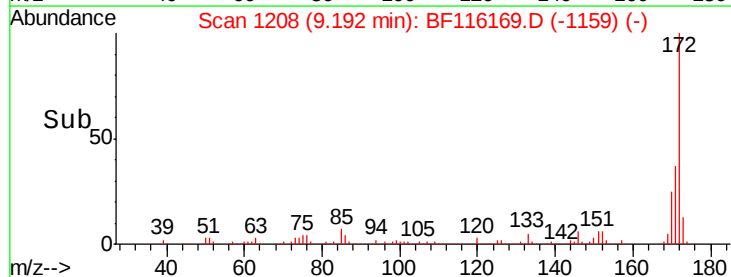
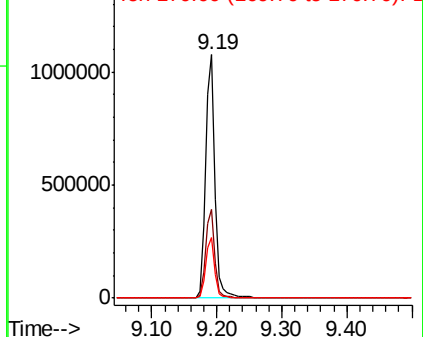


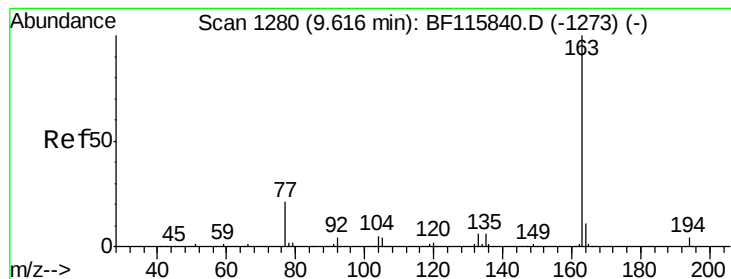
Abundance

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: 6.096 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Instrument :

BNA_F

ClientSampleId :

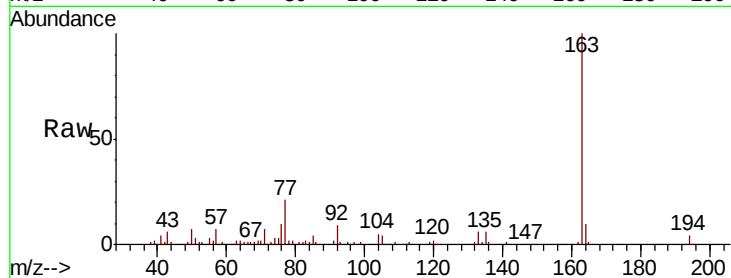
Tot Ion:163 Resp: 106884

Ion Ratio Lower Upper

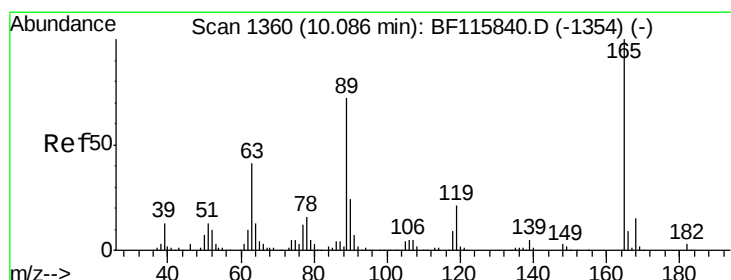
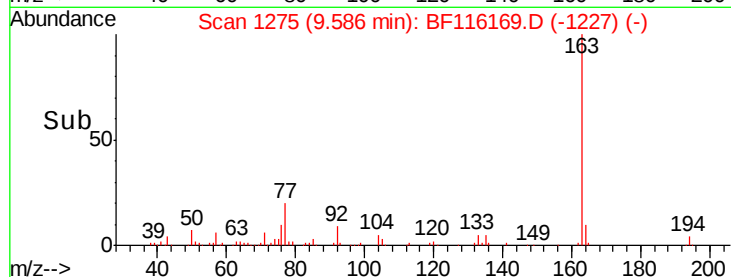
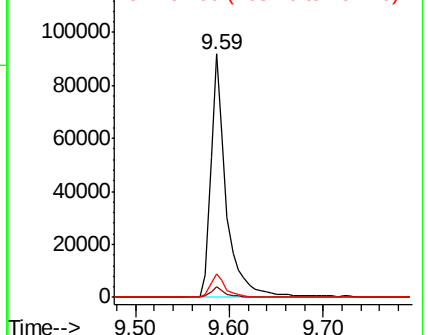
163 100

194 4.1 3.0 4.6

164 9.8 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: 6.501 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116169.D

Acq: 11 Aug 2019 2:17

Tgt Ion:165 Resp: 32982

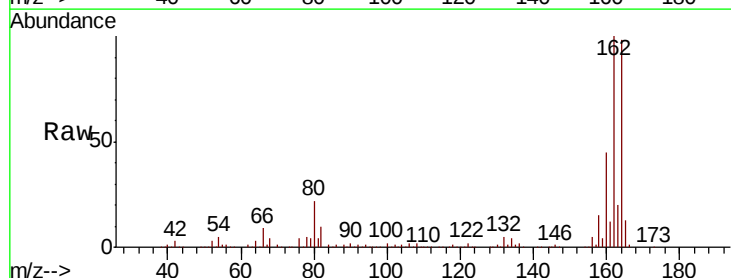
Ion Ratio Lower Upper

165 100

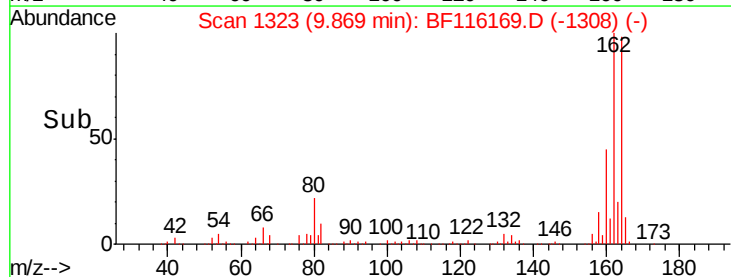
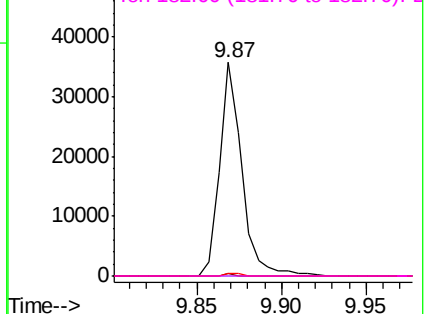
63 1.1 39.6 59.4#

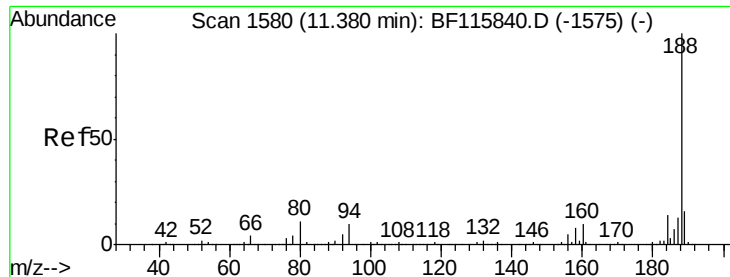
89 1.4 62.2 93.2#

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

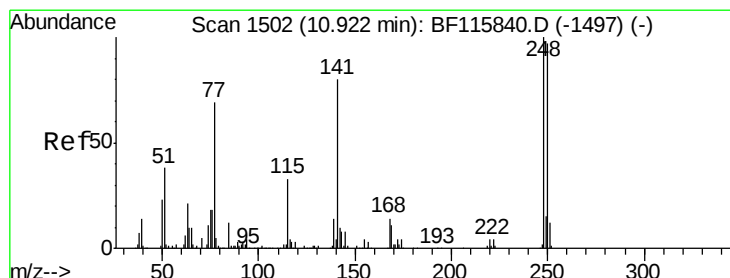
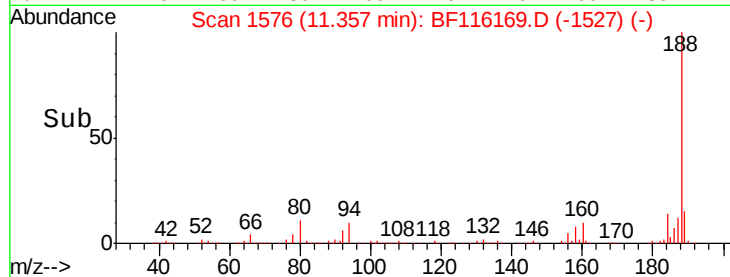
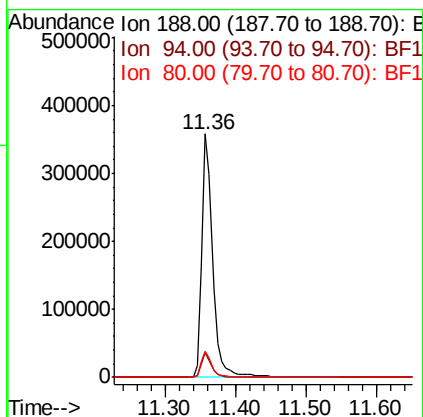
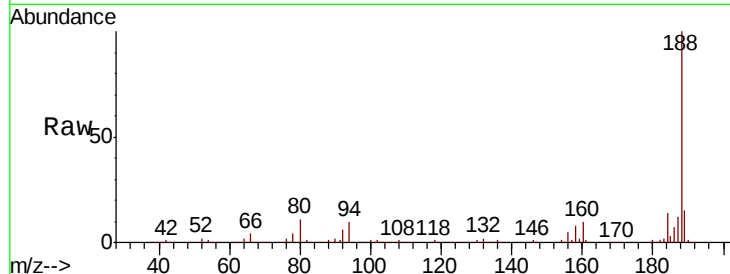




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

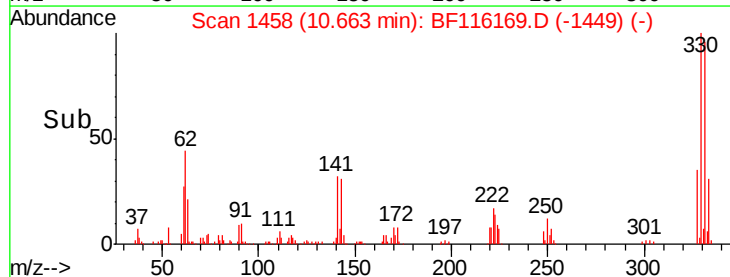
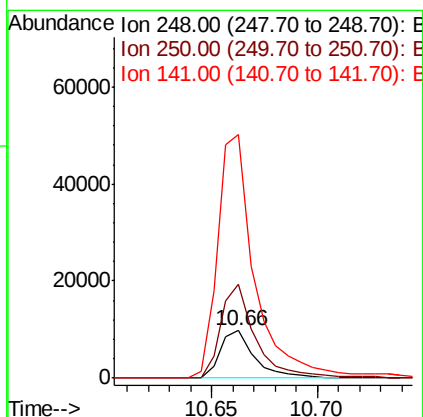
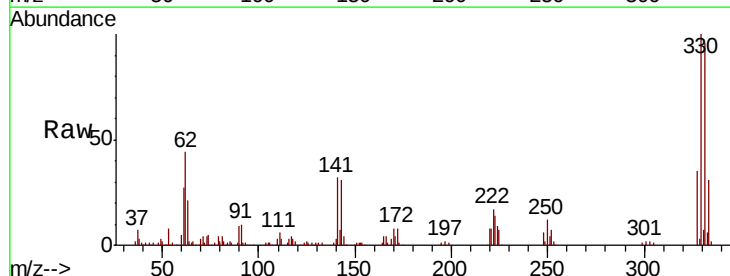
Instrument :
 BNA_F
 ClientSampled :

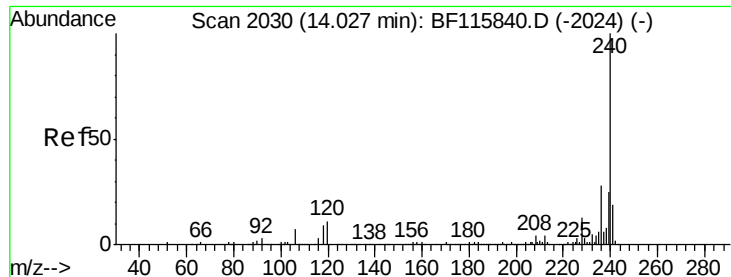
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.1	12.1
80	10.8	8.7	13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.644 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.3	77.4	116.2#
141	514.5	56.8	85.2#

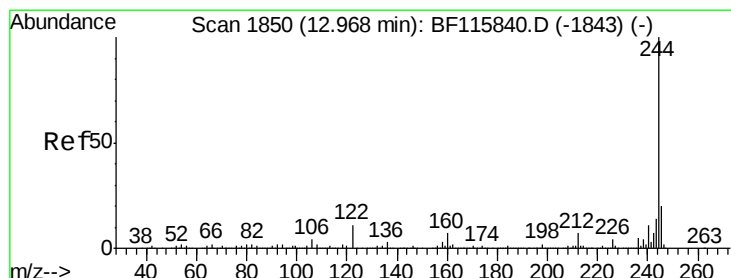
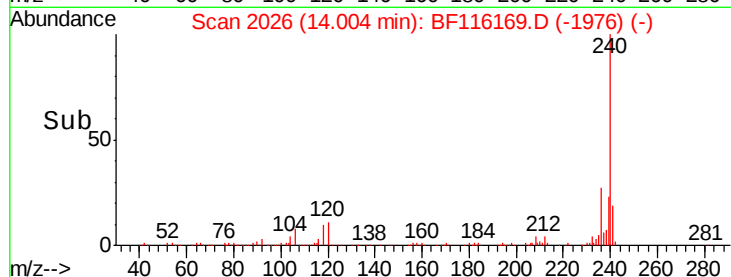
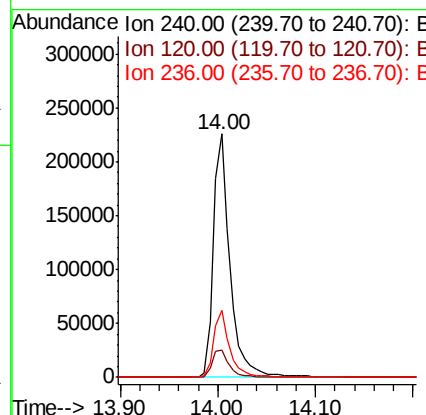
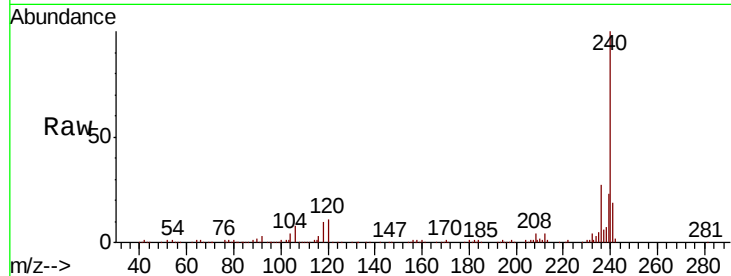




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

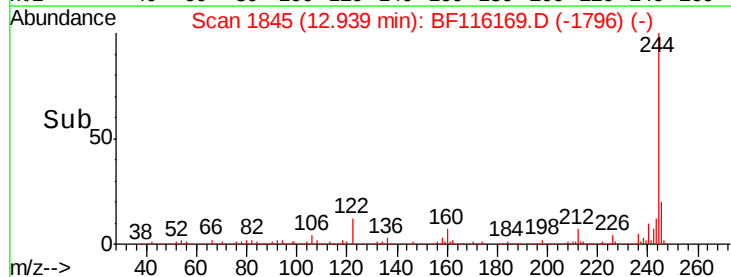
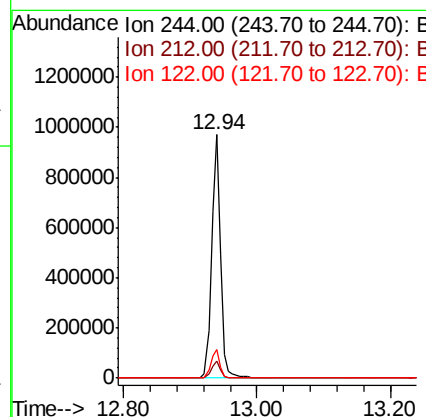
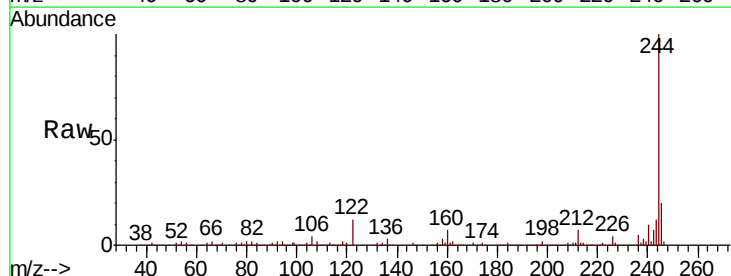
Instrument :
 BNA_F
 ClientSampleId :

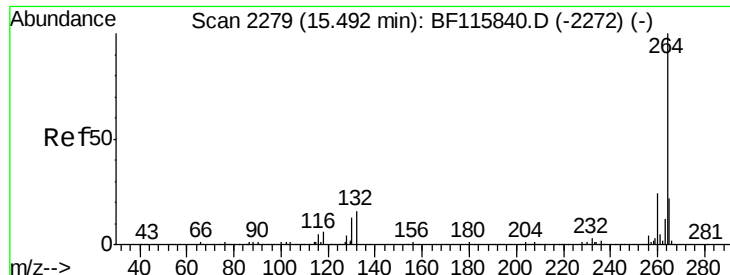
Tot Ion:240 Resp: 267129
 Ion Ratio Lower Upper
 240 100
 120 11.2 10.7 16.1
 236 27.5 22.2 33.2



#79
 Terphenyl-d14
 Concen: 70.428 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Tgt Ion:244 Resp: 892834
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.5 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116169.D
 Acq: 11 Aug 2019 2:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.7	29.5
265	21.6	17.4	26.0

