

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116165.D
 Acq On : 11 Aug 2019 00:26
 Operator : HP/JU
 Sample : K4293-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 12 00:59:40 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	137062	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	541556	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	276352	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	395336	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	276865	20.00	ng	-0.01
87) Perylene-d12	15.47	264	259342	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	685724	83.75	ng	0.00
7) Phenol-d6	6.47	99	939024	90.90	ng	-0.01
23) Nitrobenzene-d5	7.40	82	585817	62.44	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	169493	63.26	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1068411	72.42	ng	-0.01
79) Terphenyl-d14	12.94	244	847697	64.52	ng	-0.01

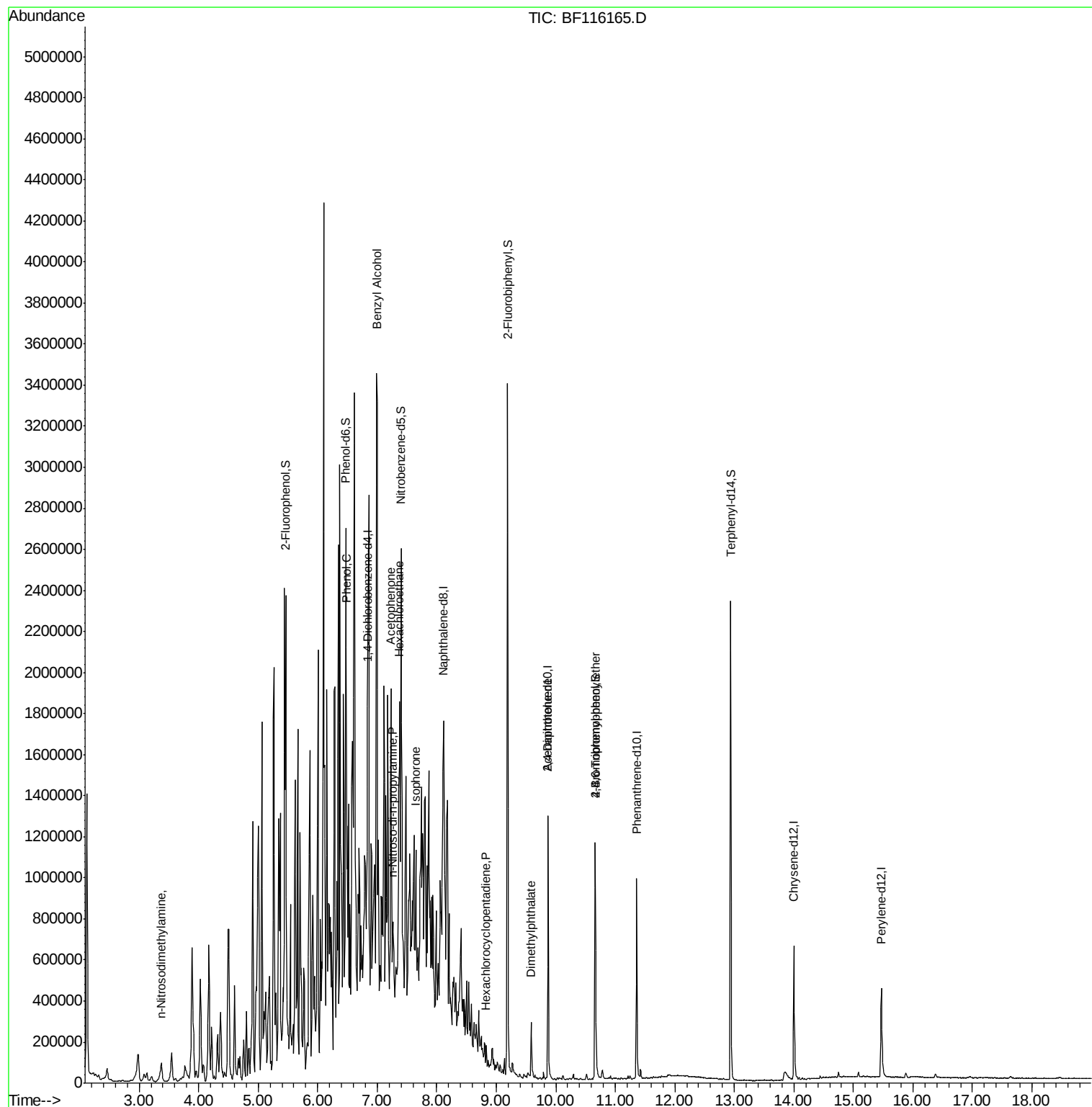
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.37	42	13360	2.930	ng	# 1
10) Phenol	6.49	94	37066	3.047	ng	# 87
15) Benzyl Alcohol	7.00	79	22274	2.841	ng	# 59
18) Hexachloroethane	7.37	117	49303	12.782	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	27299	4.265	ng	# 71
22) Acetophenone	7.23	105	39224	3.303	ng	# 21
25) Isophorone	7.65	82	36770	2.050	ng	# 1
41) Hexachlorocyclopentadiene	8.82	237	122	5.956	ng	# 27
50) Dimethylphthalate	9.59	163	111096	5.904	ng	# 99
57) 2,4-Dinitrotoluene	9.87	165	35495	6.520	ng	# 20
67) 4-Bromophenyl-phenylether	10.66	248	10252	2.422	ng	# 1

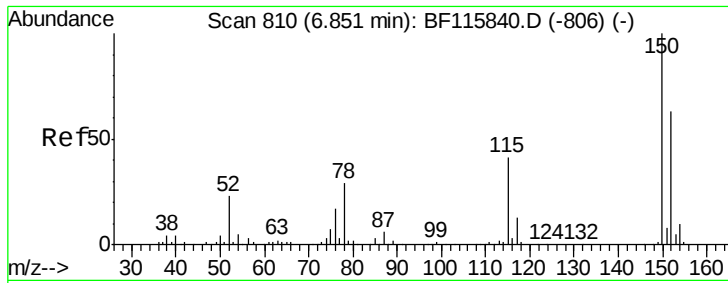
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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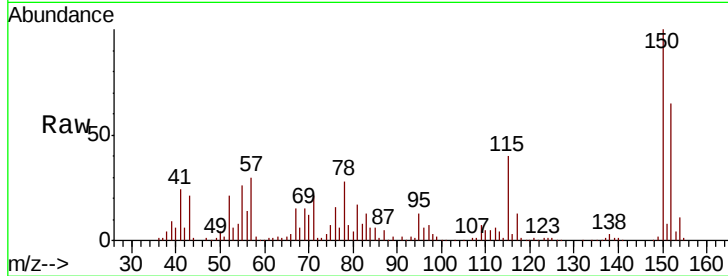


#1

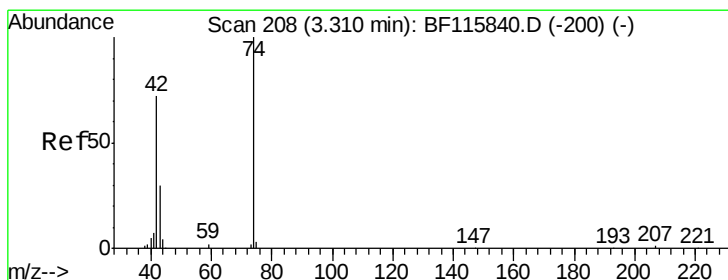
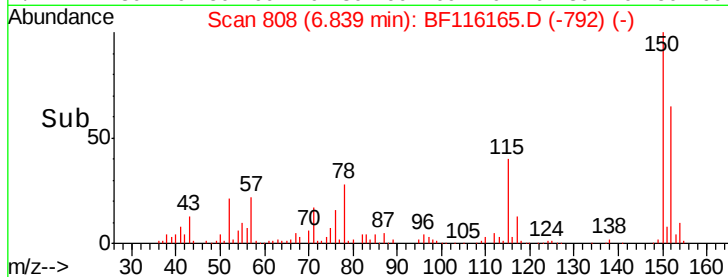
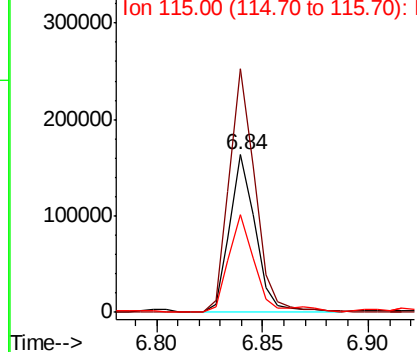
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.2	189.2
115	62.1	49.9	74.9



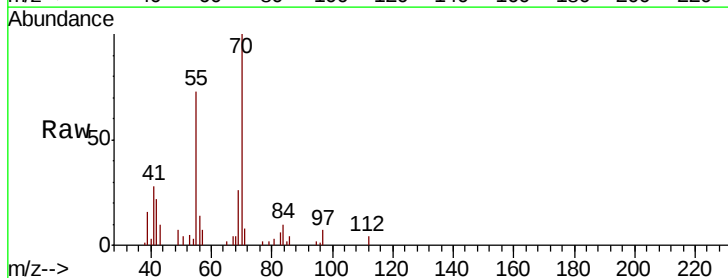
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



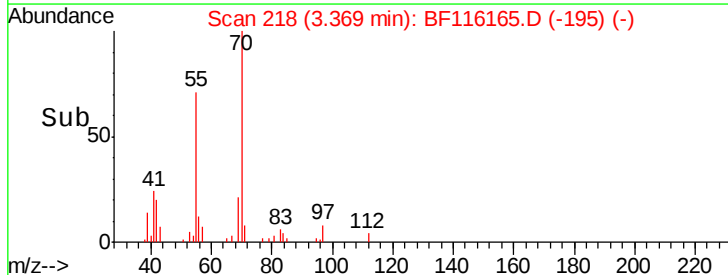
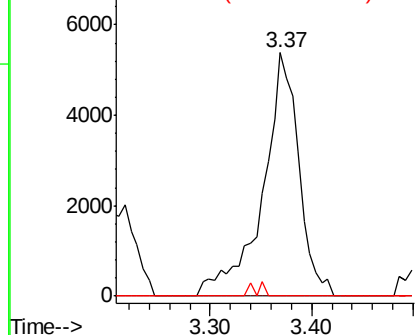
#4

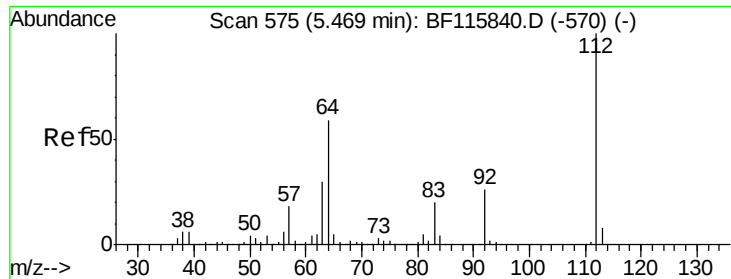
n-Nitrosodimethylamine
Concen: 2.930 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.04 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

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: 83.754 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampled :

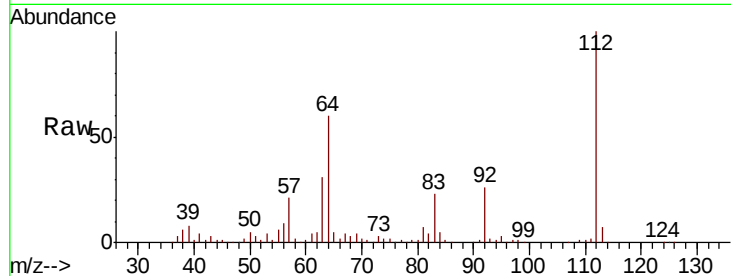
Tot Ion:112 Resp: 685724

Ion Ratio Lower Upper

112 100

64 59.8 45.4 68.2

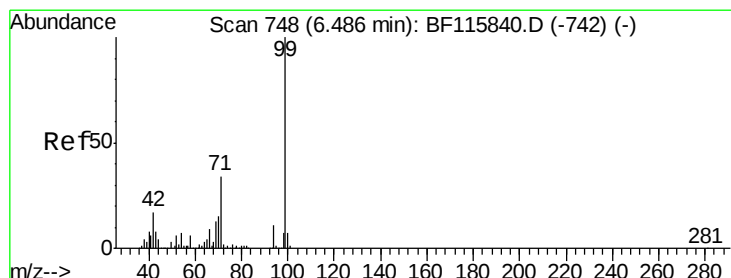
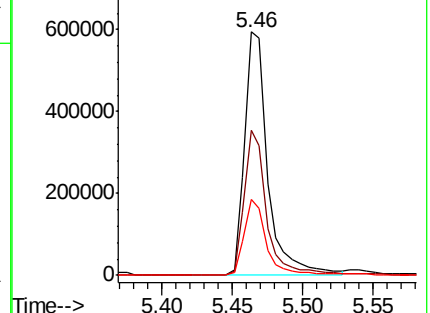
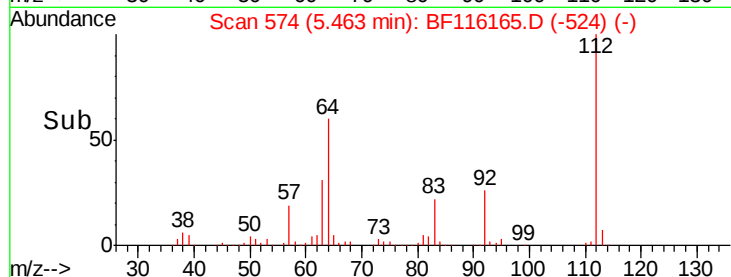
63 31.2 23.7 35.5



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: 90.904 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

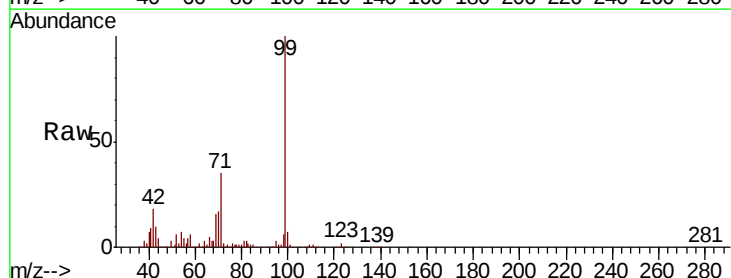
Tgt Ion: 99 Resp: 939024

Ion Ratio Lower Upper

99 100

42 17.7 13.8 20.8

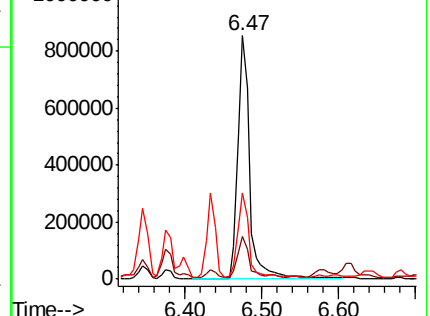
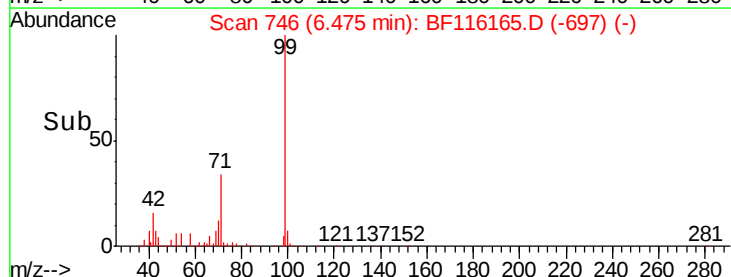
71 35.3 27.3 40.9

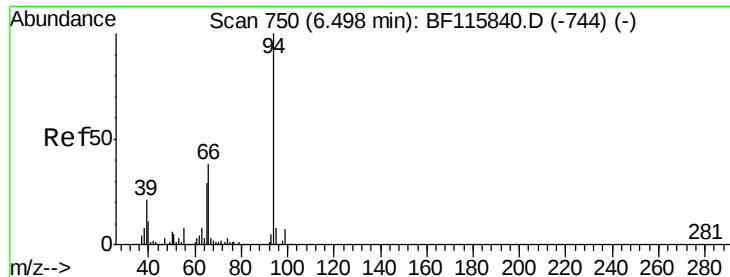


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 3.047 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampled :

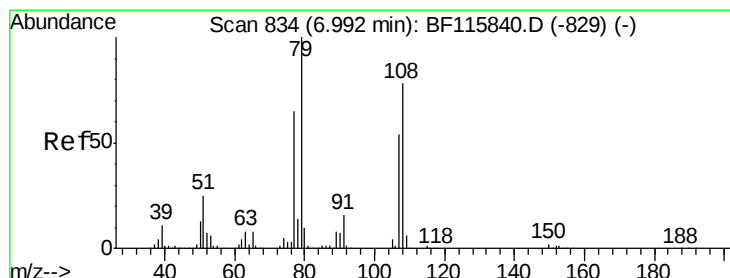
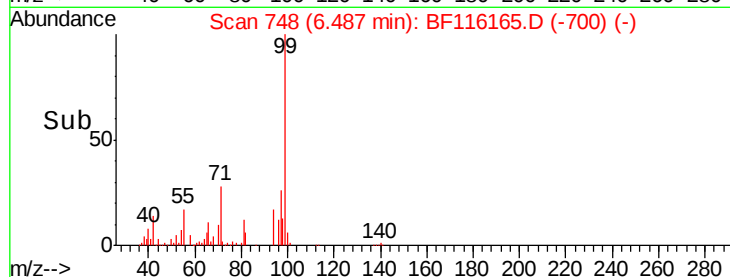
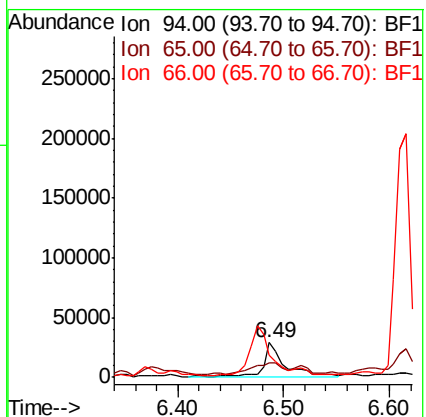
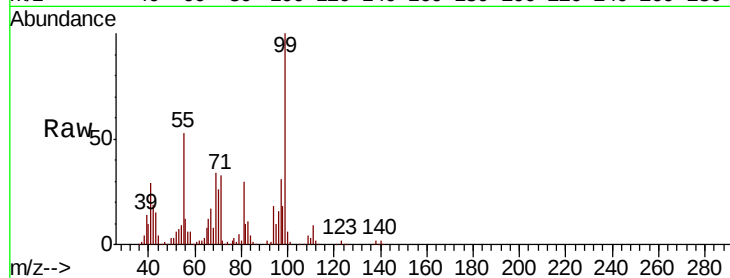
Tot Ion: 94 Resp: 37066

Ion Ratio Lower Upper

94 100

65 43.3 16.8 56.8

66 64.3 34.2 74.2



#15

Benzyl Alcohol

Concen: 2.841 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

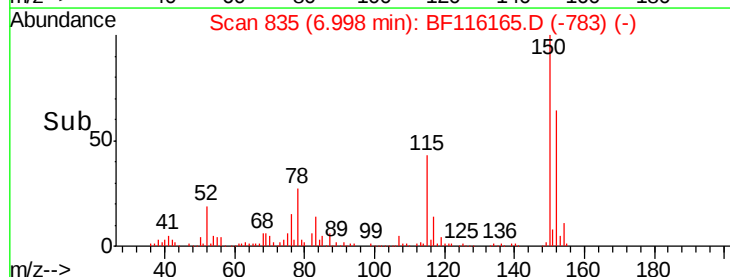
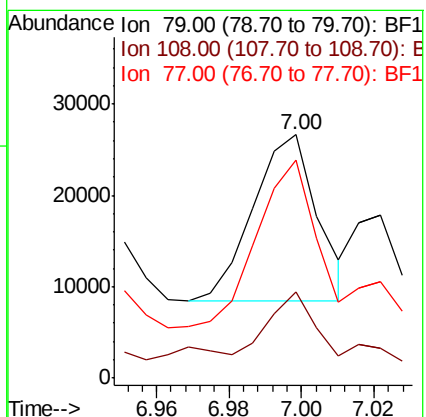
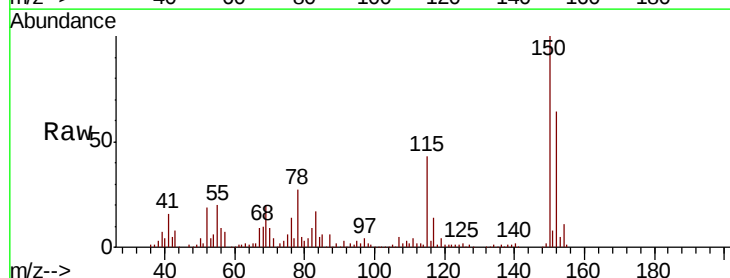
Tgt Ion: 79 Resp: 22274

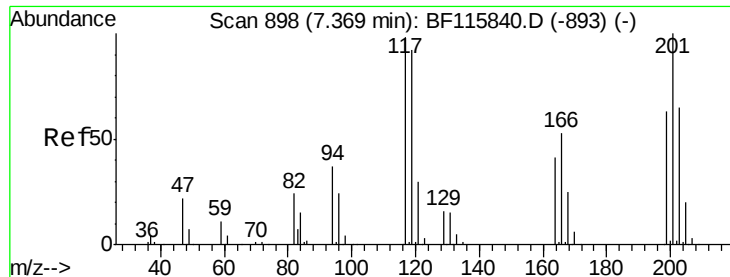
Ion Ratio Lower Upper

79 100

108 35.3 62.7 94.1#

77 89.7 52.2 78.2#

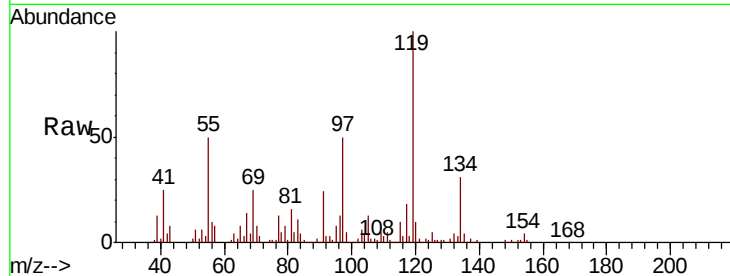




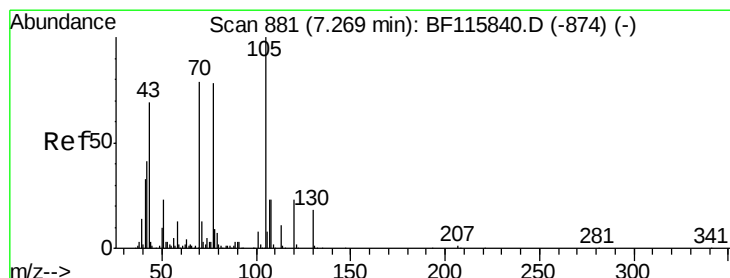
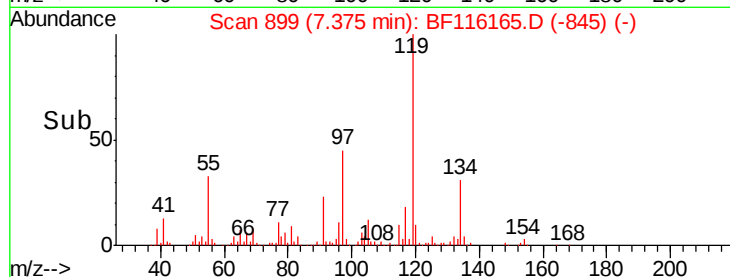
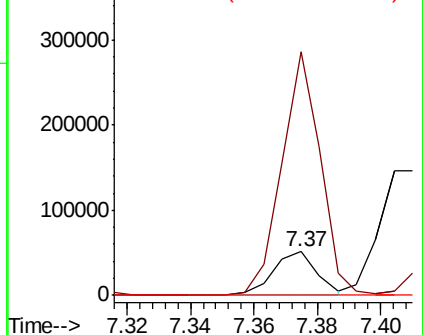
#18
Hexachloroethane
Concen: 12.782 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.02 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 49303
Ion Ratio Lower Upper
117 100
119 560.4 76.1 114.1#
201 0.0 77.0 115.4#

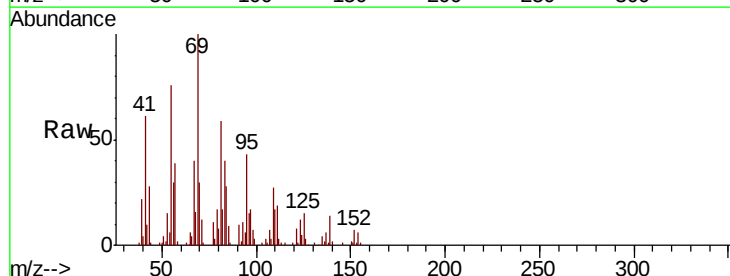


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

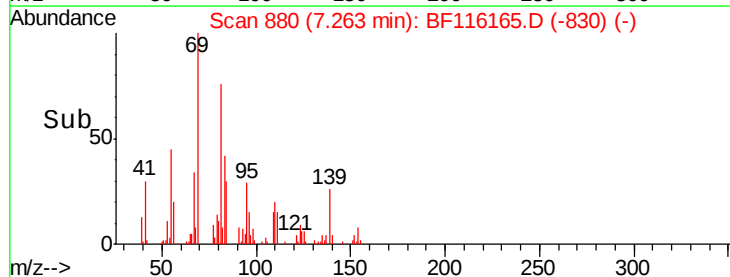
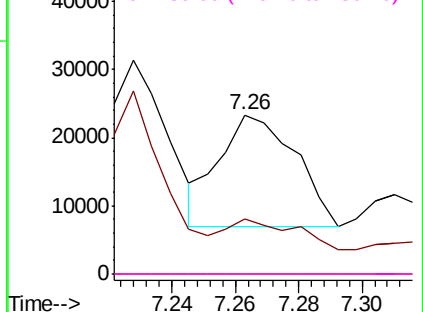


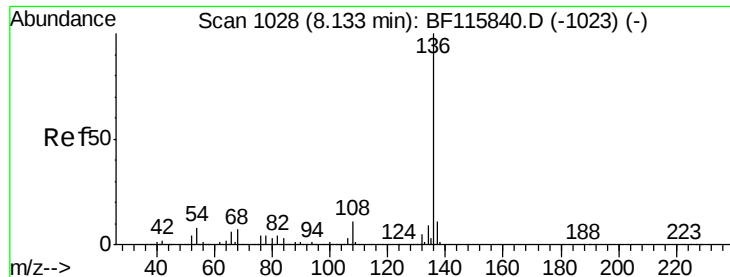
#19
n-Nitroso-di-n-propylamine
Concen: 4.265 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion: 70 Resp: 27299
Ion Ratio Lower Upper
70 100
42 34.7 40.9 61.3#
101 0.0 7.9 11.9#
130 0.0 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): E
Ion 130.00 (129.70 to 130.70): E

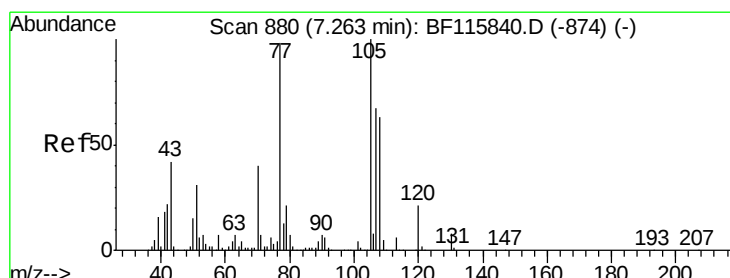
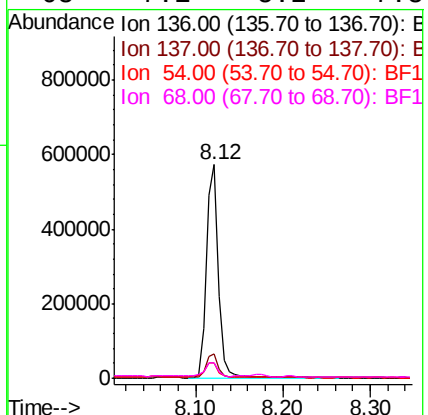
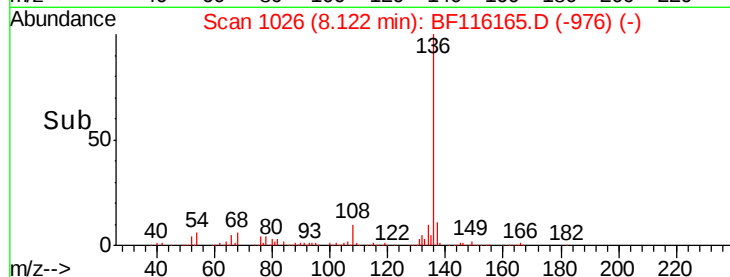
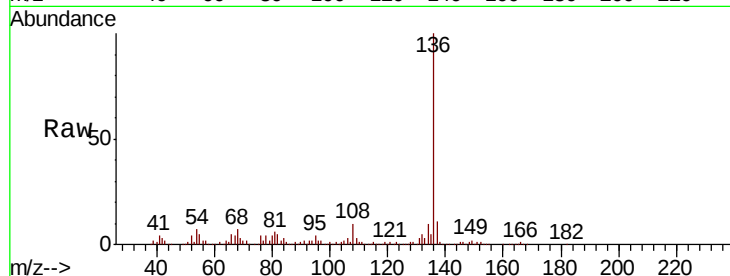




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

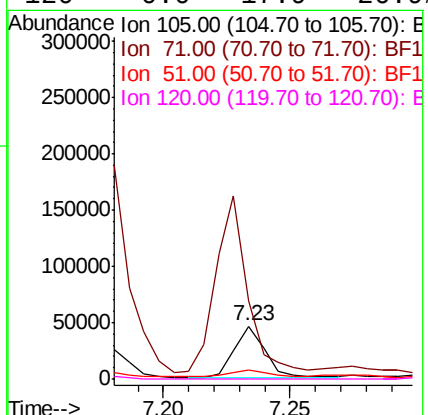
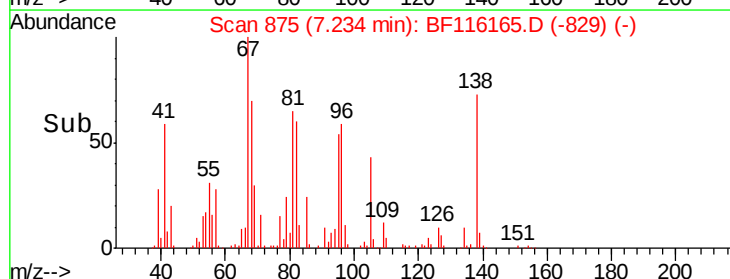
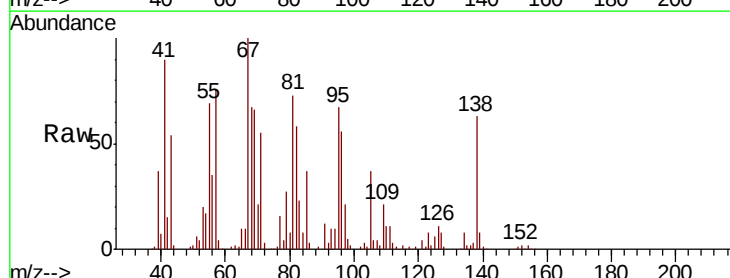
Instrument :
BNA_F
ClientSampleId :

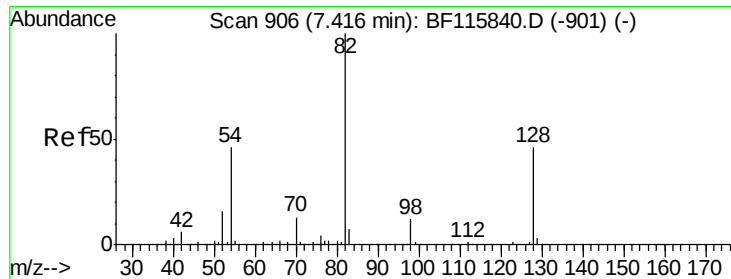
Tot Ion:136	Resp:	541556
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.4
54	7.2	5.8 8.6
68	7.1	5.2 7.8



#22
Acetophenone
Concen: 3.303 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.03 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion:105	Resp:	39224
Ion Ratio	Lower	Upper
105	100	
71	149.1	5.9 8.9#
51	17.7	25.3 37.9#
120	0.0	17.9 26.9#

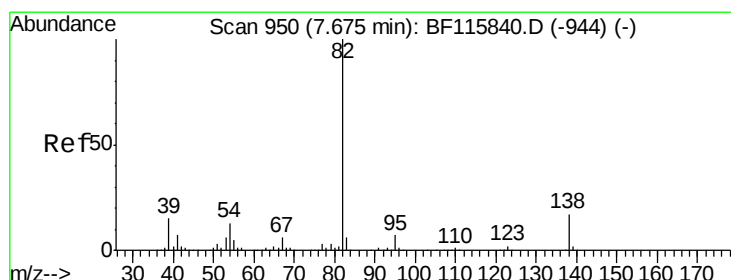
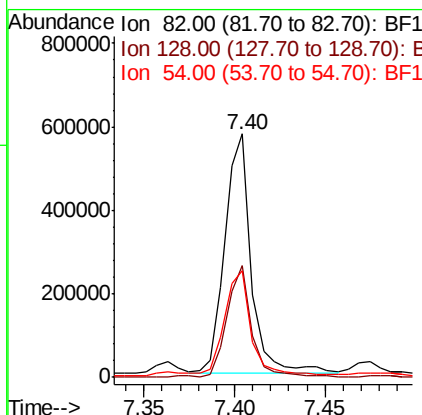
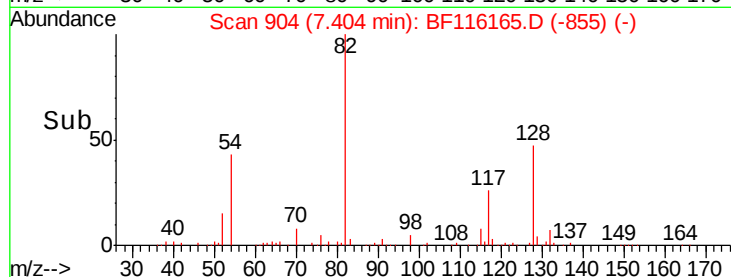
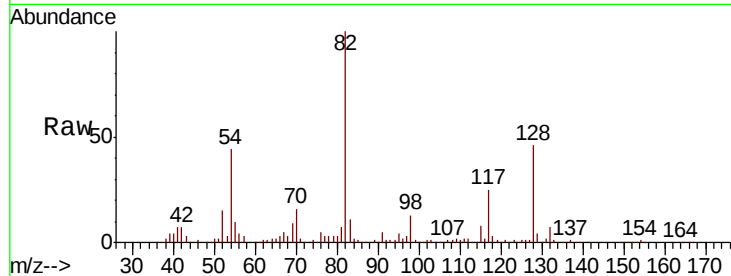




#23
Nitrobenzene-d5
Concen: 62.441 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

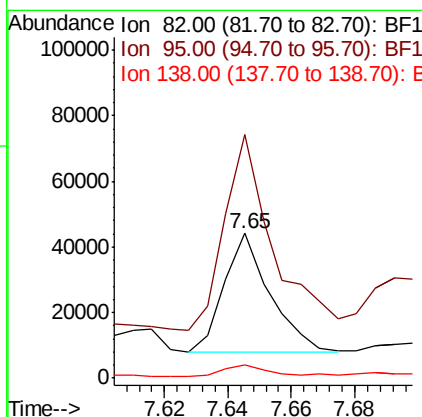
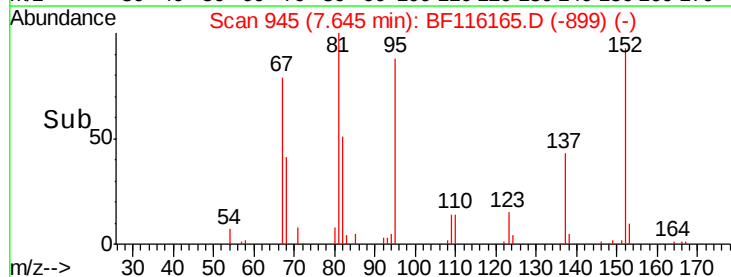
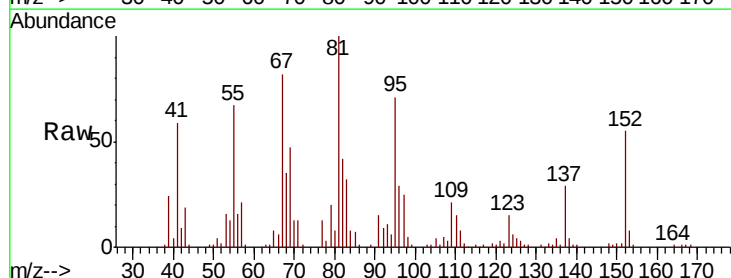
Instrument :
BNA_F
ClientSampleId :

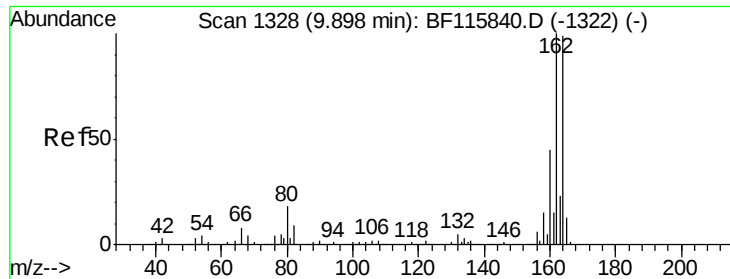
Tot Ion	82	Resp	585817
Ion Ratio	Lower	Upper	
82	100		
128	45.9	36.5	54.7
54	43.7	36.0	54.0



#25
Isophorone
Concen: 2.050 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion	82	Resp	36770
Ion Ratio	Lower	Upper	
82	100		
95	168.4	5.4	8.0#
138	9.3	14.5	21.7#

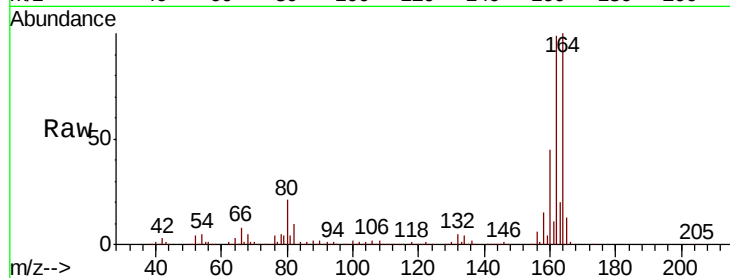




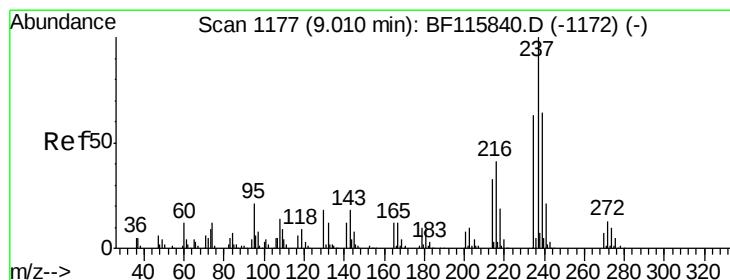
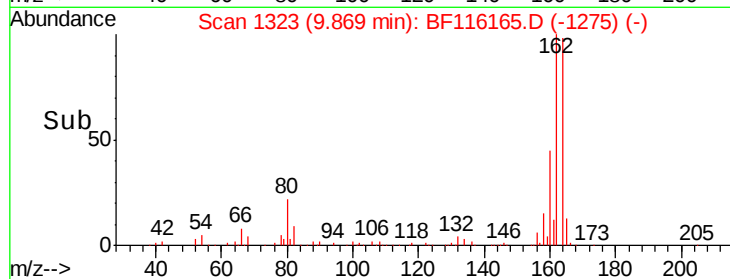
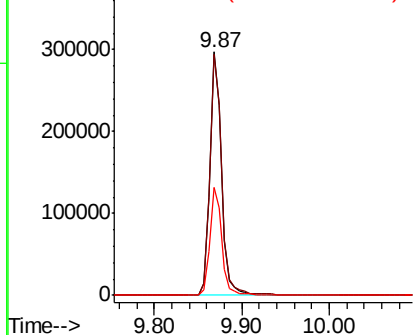
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.6	124.0
160	44.5	37.6	56.4

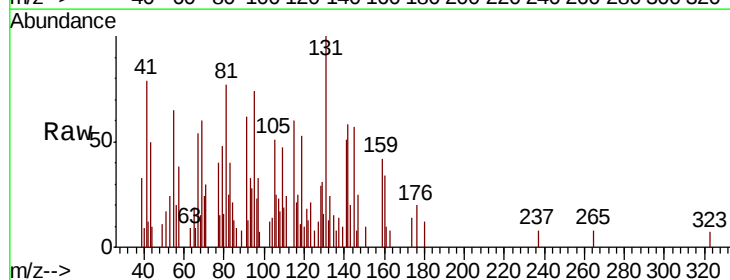


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

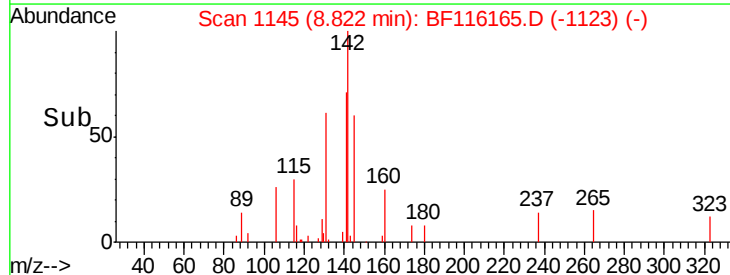
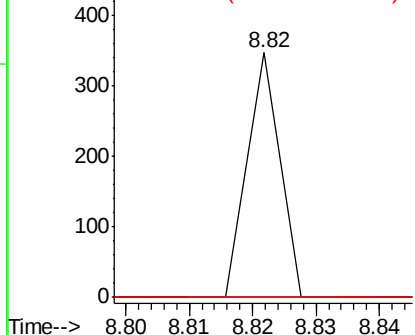


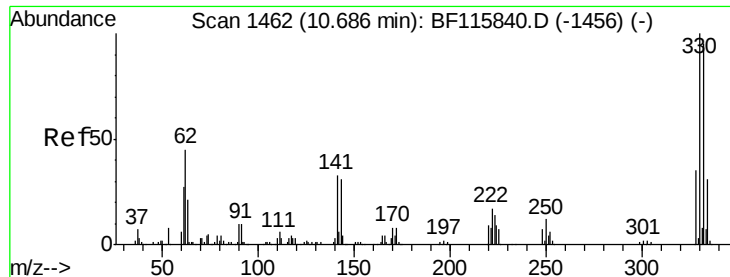
#41
 Hexachlorocyclopentadiene
 Concen: 5.956 ng
 RT: 8.82 min Scan# 1145
 Delta R.T. -0.17 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

Tgt Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.4	83.4#
272	0.0	0.0	33.2



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#42

2,4,6-Tribromophenol

Concen: 63.260 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampleId :

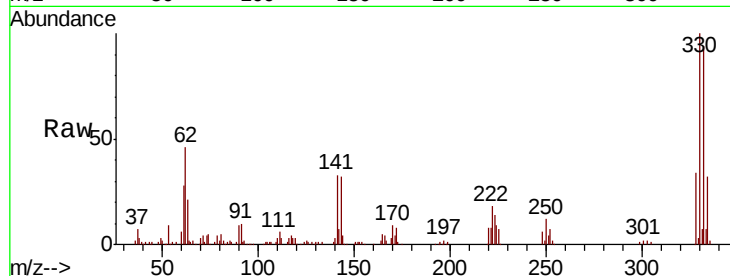
Tot Ion:330 Resp: 169493

Ion Ratio Lower Upper

330 100

332 96.5 76.8 115.2

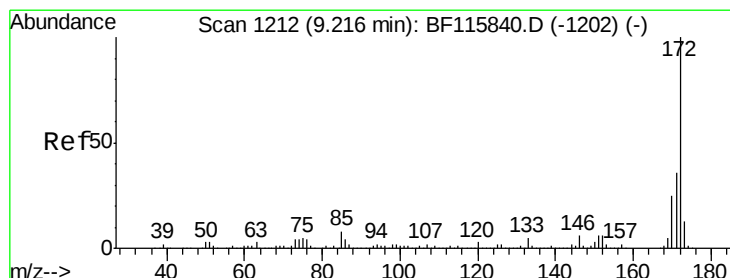
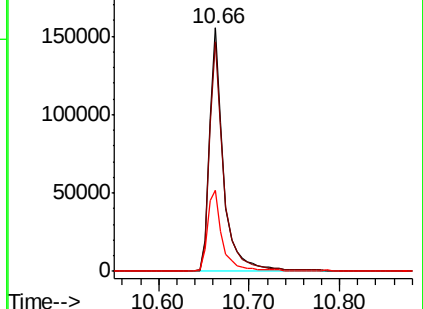
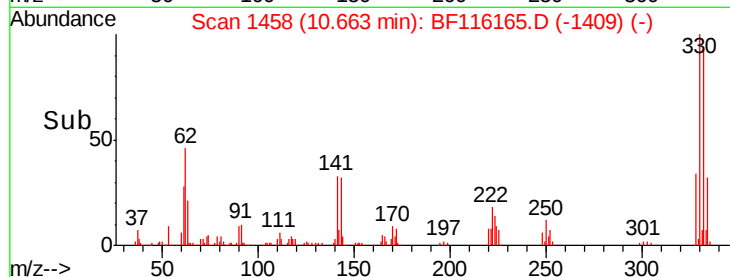
141 35.9 26.3 39.5



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: 72.415 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

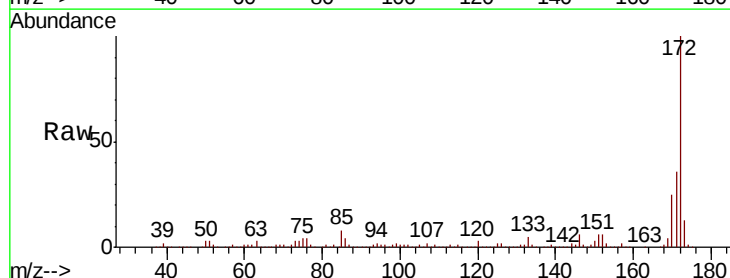
Tgt Ion:172 Resp: 1068411

Ion Ratio Lower Upper

172 100

171 36.3 29.6 44.4

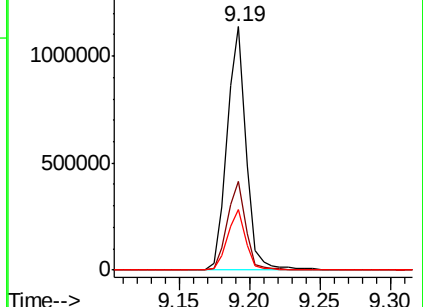
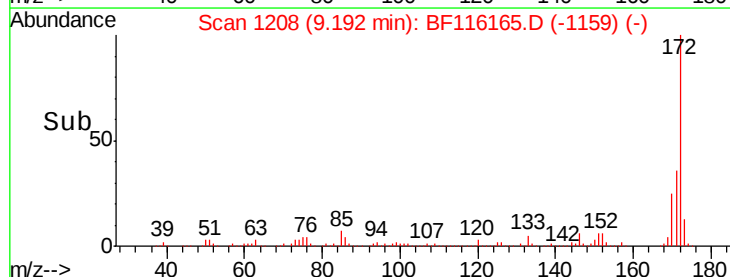
170 25.0 20.1 30.1

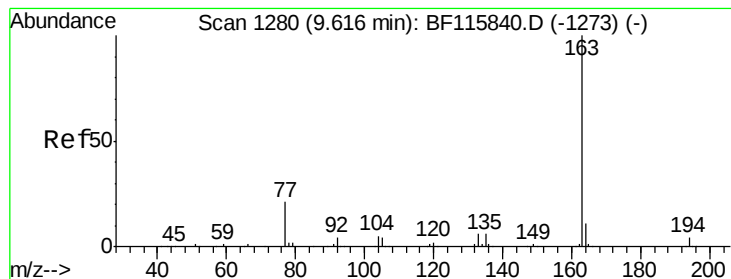


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 5.904 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.02 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Instrument :

BNA_F

ClientSampleId :

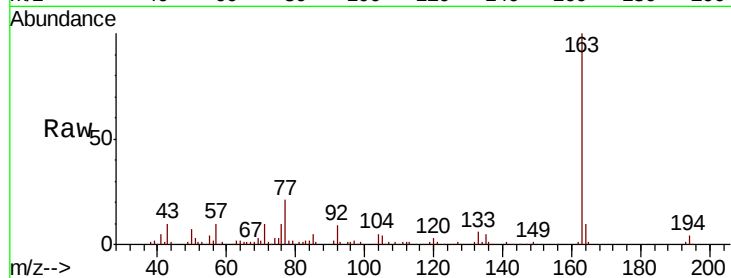
Tot Ion:163 Resp: 111096

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

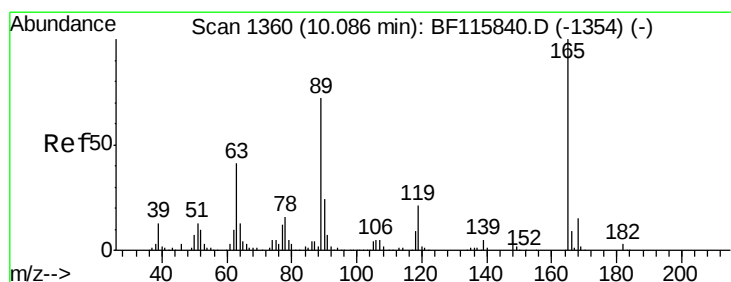
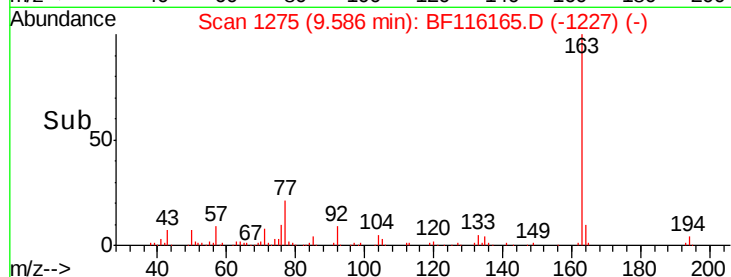
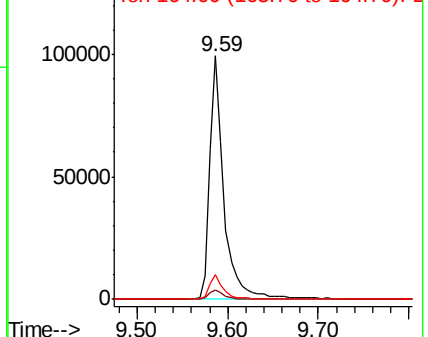
164 10.0 8.4 12.6



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: 6.520 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.21 min

Lab File: BF116165.D

Acq: 11 Aug 2019 00:26

Tgt Ion:165 Resp: 35495

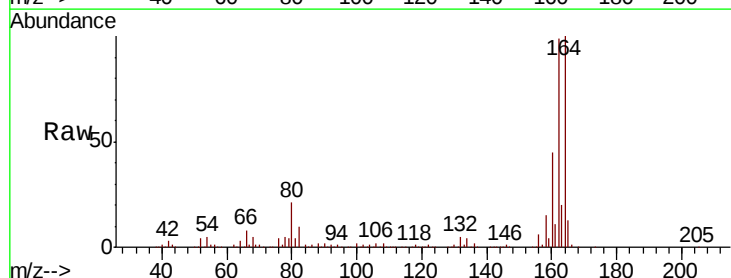
Ion Ratio Lower Upper

165 100

63 1.1 39.6 59.4#

89 1.4 62.2 93.2#

182 0.0 2.1 3.1#

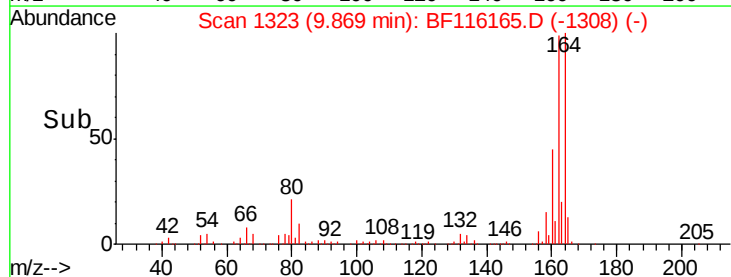
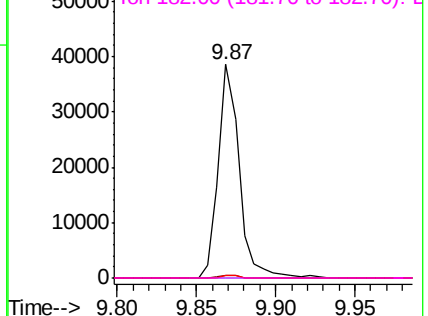


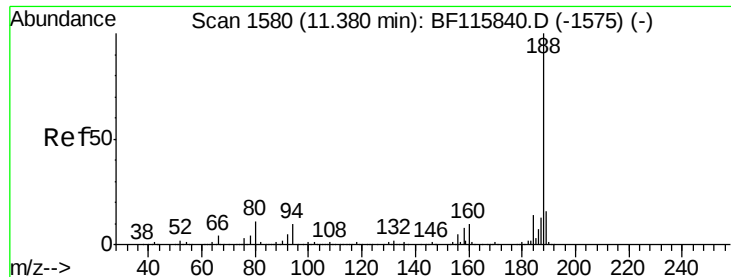
Abundance Ion 165.00 (164.70 to 165.70): E

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

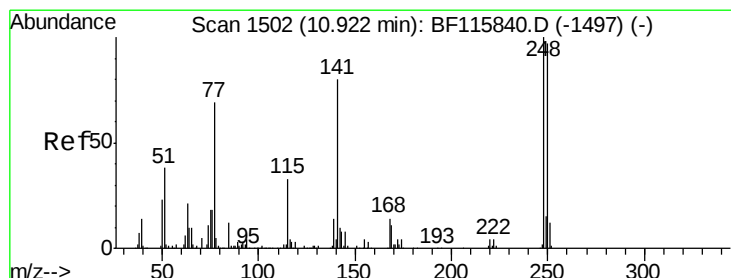
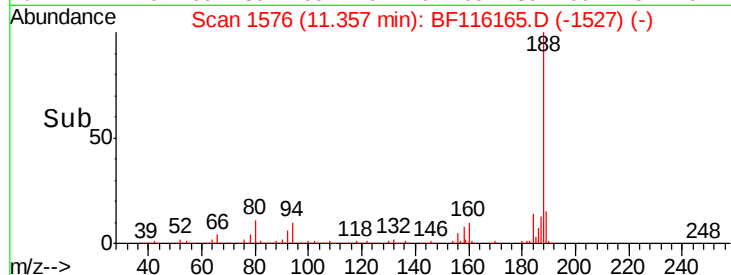
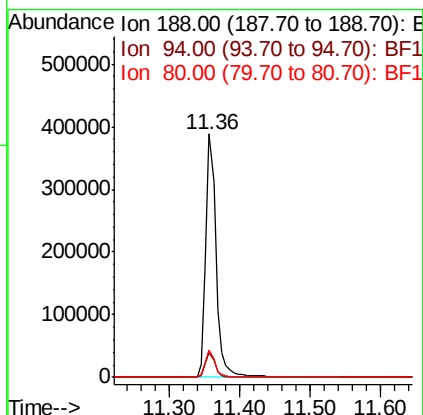
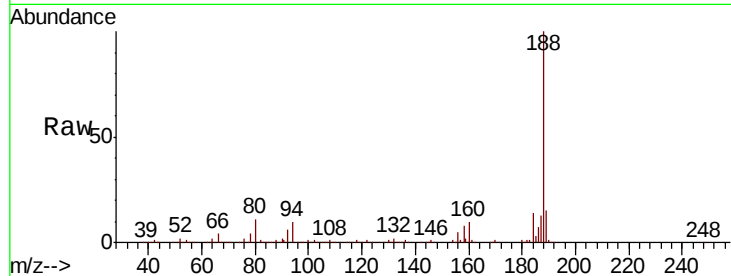




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

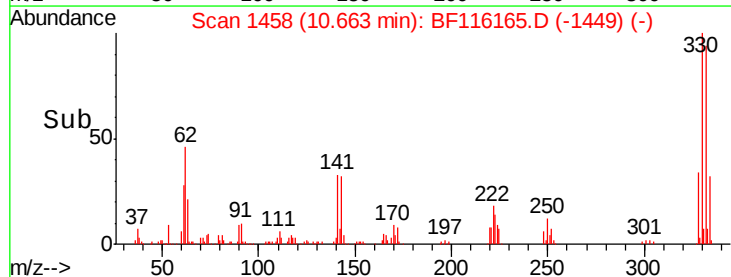
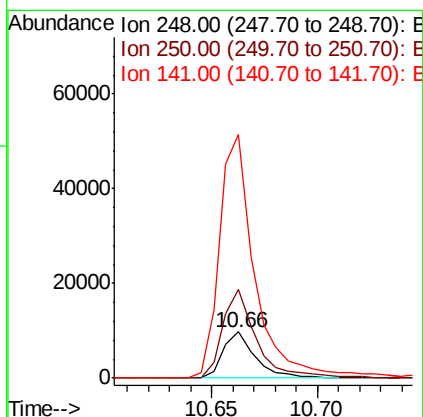
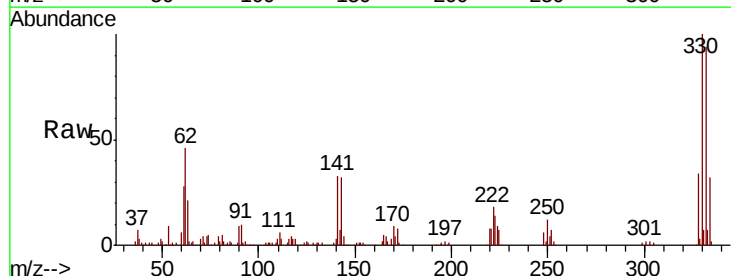
Instrument :
 BNA_F
 ClientSampleId :

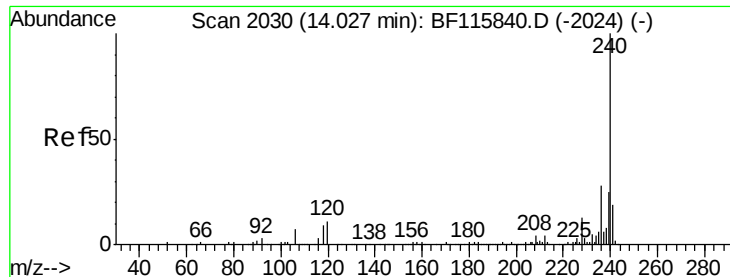
Tot Ion:188 Resp: 395336
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.1 12.1
 80 11.1 8.7 13.1



#67
 4-Bromophenyl-phenylether
 Concen: 2.422 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.25 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

Tgt Ion:248 Resp: 10252
 Ion Ratio Lower Upper
 248 100
 250 191.8 77.4 116.2#
 141 525.4 56.8 85.2#

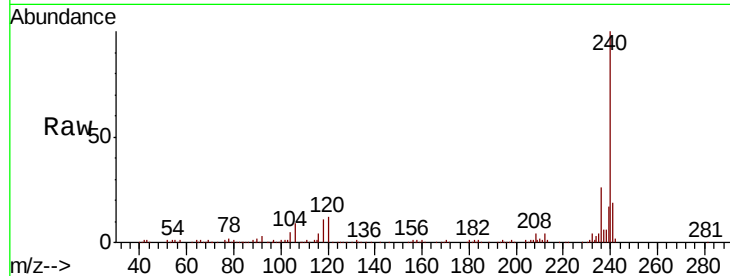




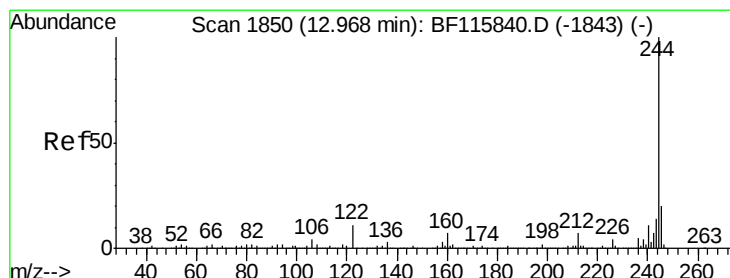
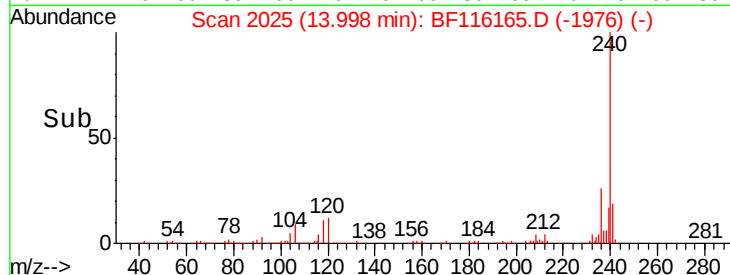
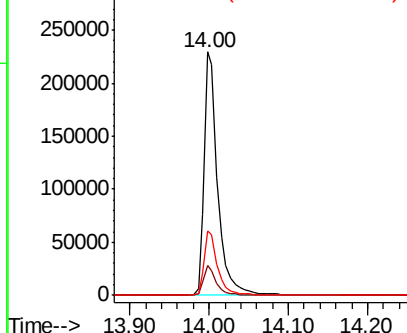
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 276865
Ion Ratio Lower Upper
240 100
120 12.3 10.7 16.1
236 26.5 22.2 33.2

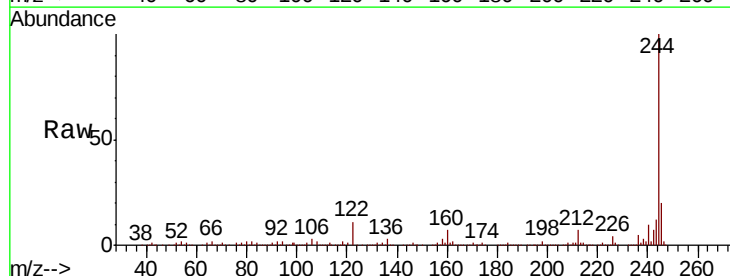


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

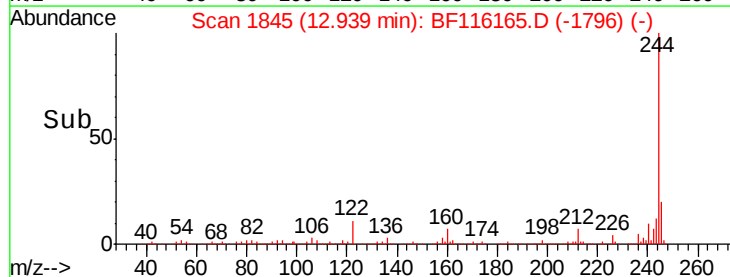
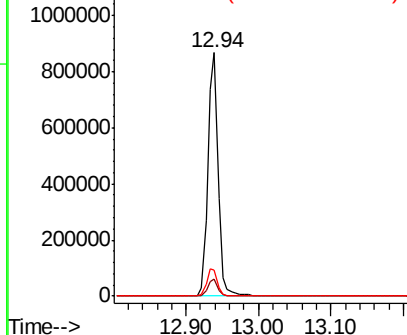


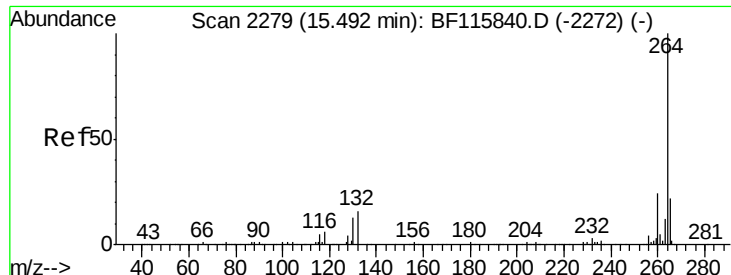
#79
Terphenyl-d14
Concen: 64.517 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116165.D
Acq: 11 Aug 2019 00:26

Tgt Ion:244 Resp: 847697
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 10.8 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

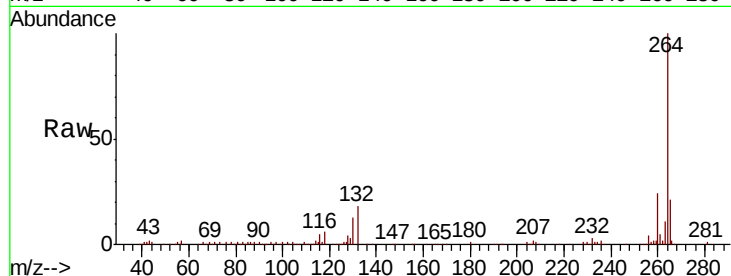




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116165.D
 Acq: 11 Aug 2019 00:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	259342
Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

