

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103019\
 Data File : BF117643.D
 Acq On : 31 Oct 2019 4:01
 Operator : JU
 Sample : K5582-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 31 07:58:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	34428	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	131625	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	61649	20.00	ng	-0.01
64) Phenanthrene-d10	11.25	188	92420	20.00	ng	0.00
76) Chrysene-d12	13.90	240	69385	20.00	ng	0.00
87) Perylene-d12	15.34	264	54297	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.36	112	123488	53.36	ng	0.00
7) Phenol-d6	6.39	99	112611	36.23	ng	0.01
23) Nitrobenzene-d5	7.29	82	213651	80.13	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	38809	72.75	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	356927	81.58	ng	-0.01
79) Terphenyl-d14	12.83	244	306599	72.08	ng	0.00

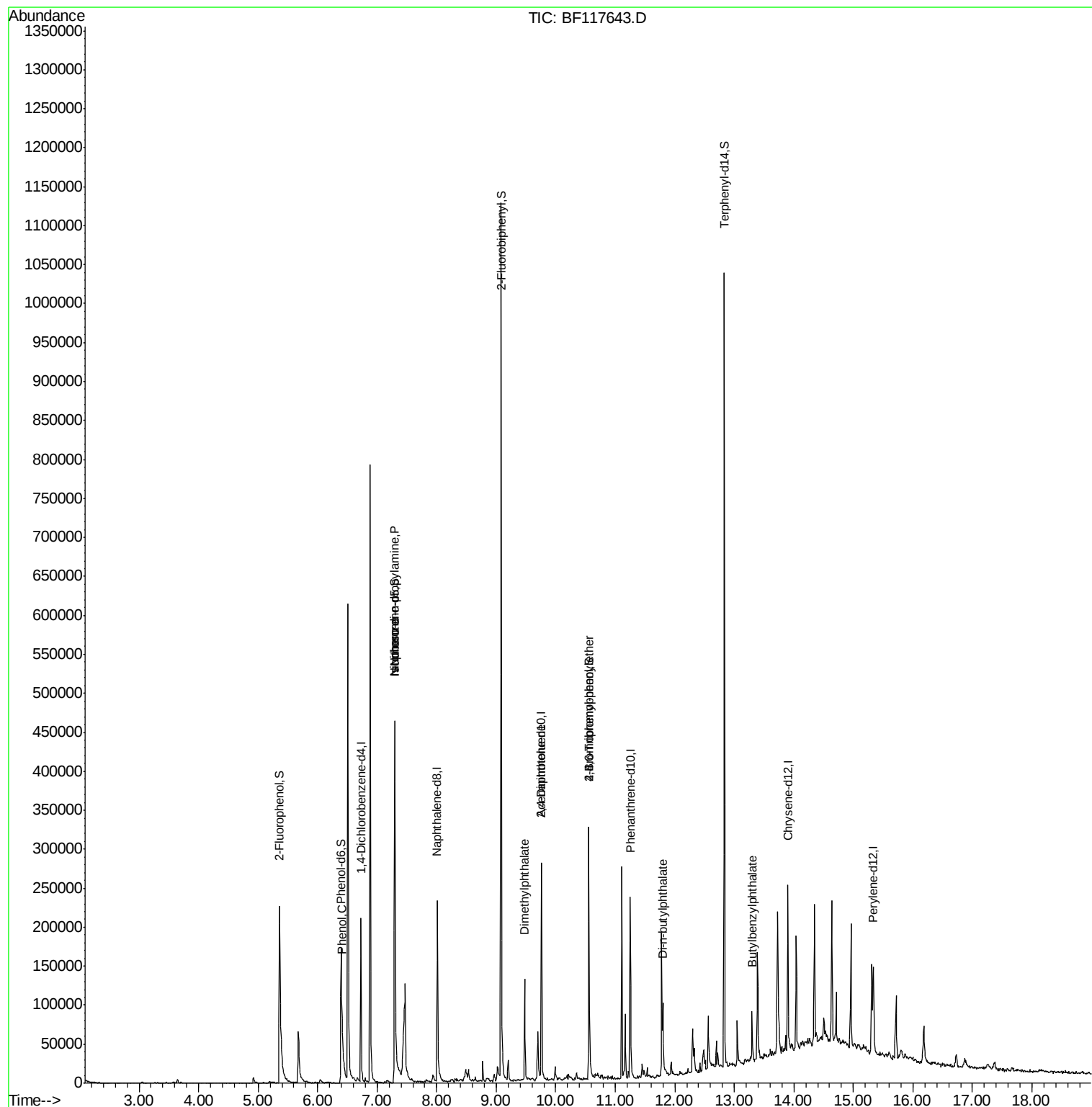
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.50	77	4709	Below Cal		# 69
10) Phenol	6.41	94	16028	5.052	ng	81
19) n-Nitroso-di-n-propylamine	7.29	70	30038	15.824	ng	# 79
25) Isophorone	7.29	82	213648	46.321	ng	# 65
50) Dimethylphthalate	9.48	163	53298	12.127	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	7586	6.221	ng	# 12
67) 4-Bromophenyl-phenylether	10.56	248	2389	2.400	ng	# 1
74) Di-n-butylphthalate	11.80	149	37317	5.550	ng	99
77) Benzidine	12.42	184	4131	Below Cal		# 84
80) Butylbenzylphthalate	13.30	149	10883	3.670	ng	96

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

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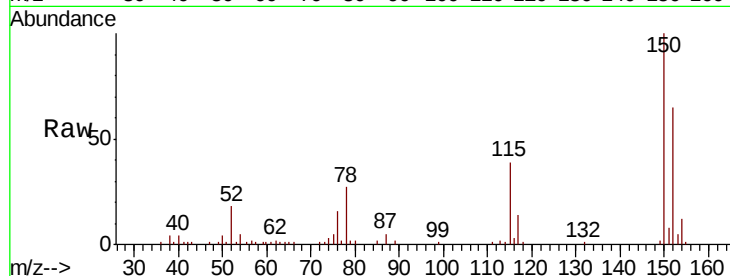


#1

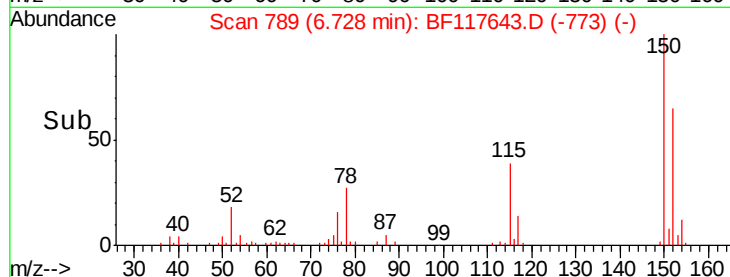
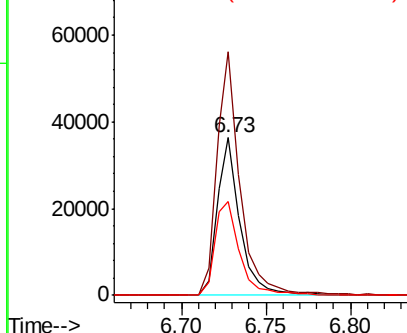
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 34428
Ion Ratio Lower Upper
152 100
150 154.7 126.8 190.2
115 59.8 51.6 77.4



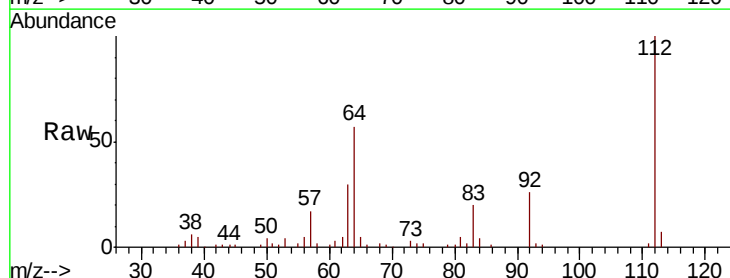
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



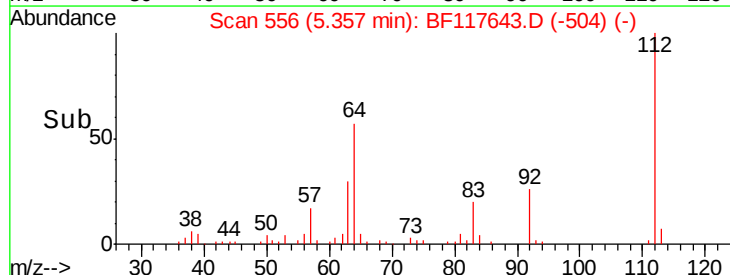
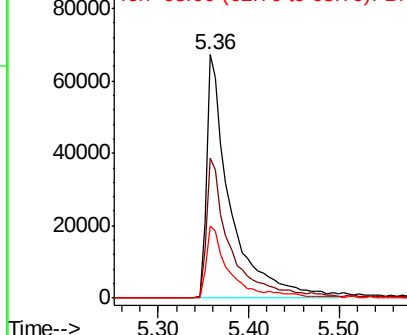
#5

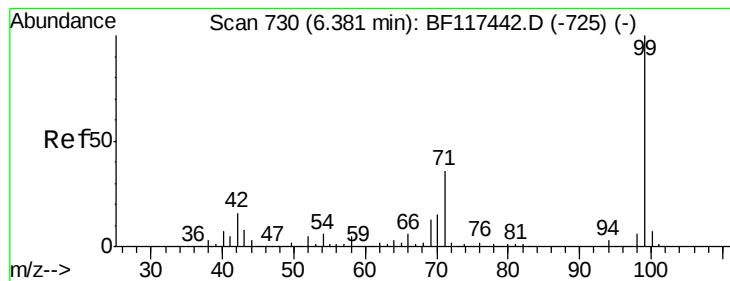
2-Fluorophenol
Concen: 53.362 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion:112 Resp: 123488
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 29.5 23.4 35.2



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: 36.230 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117643.D

Acq: 31 Oct 2019 4:01

Instrument :

BNA_F

ClientSampleId :

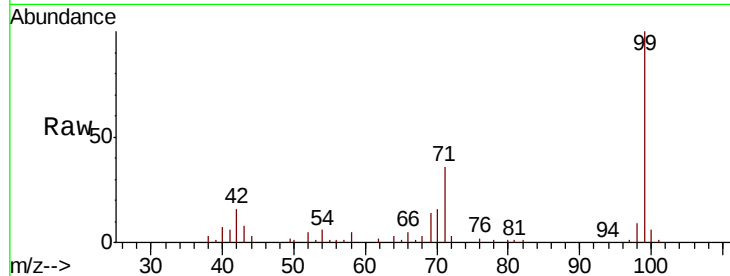
Tot Ion: 99 Resp: 112611

Ion Ratio Lower Upper

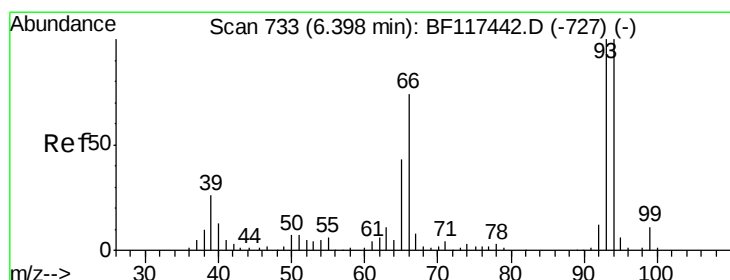
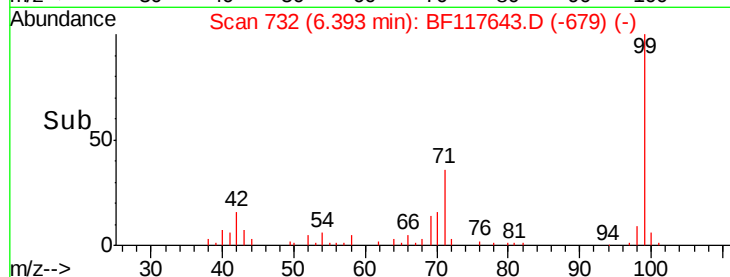
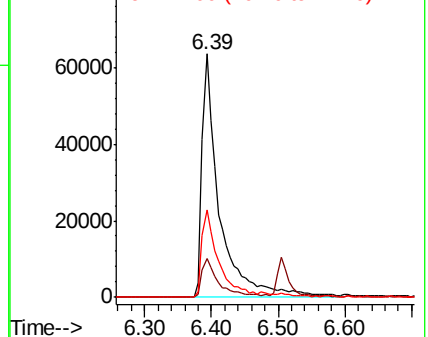
99 100

42 15.9 12.8 19.2

71 36.0 28.6 43.0



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: 5.052 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF117643.D

Acq: 31 Oct 2019 4:01

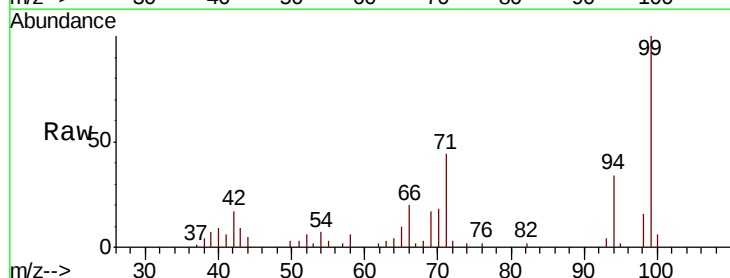
Tgt Ion: 94 Resp: 16028

Ion Ratio Lower Upper

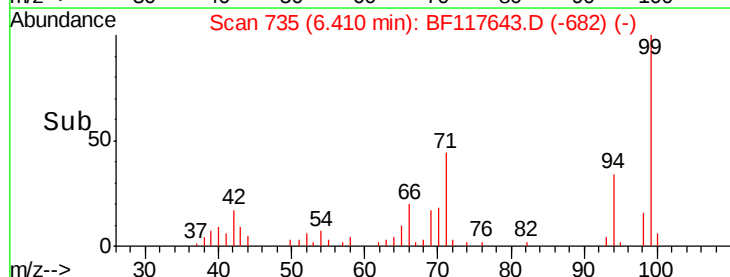
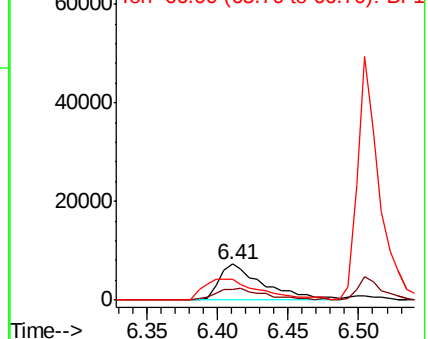
94 100

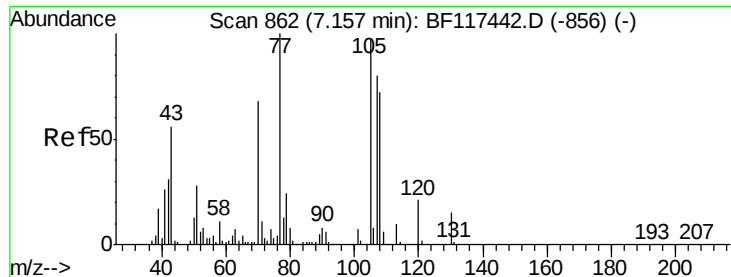
65 30.5 23.4 63.4

66 59.3 54.7 94.7



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

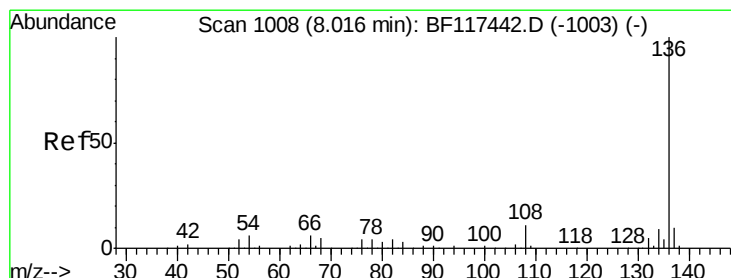
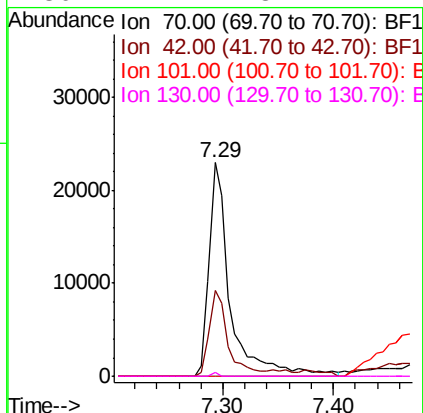
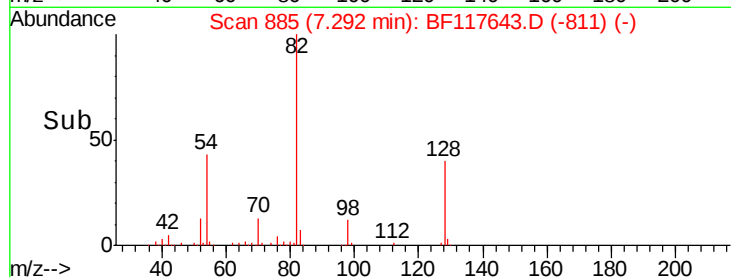
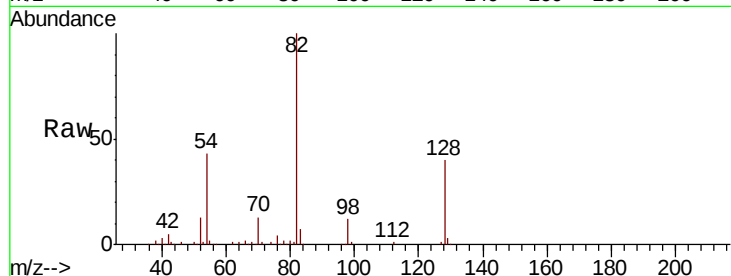




#19
n-Nitroso-di-n-propylamine
Concen: 15.824 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.14 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

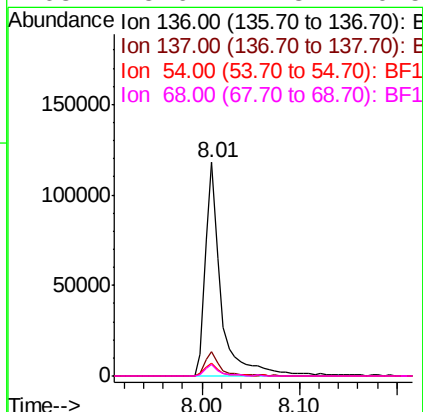
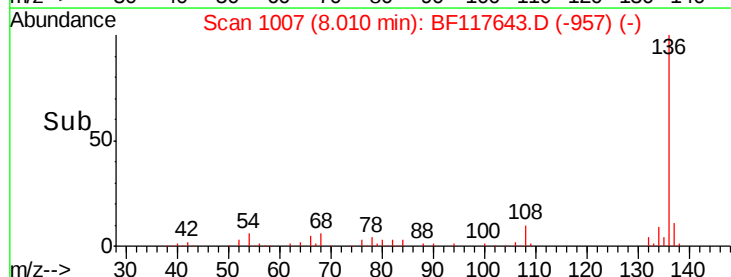
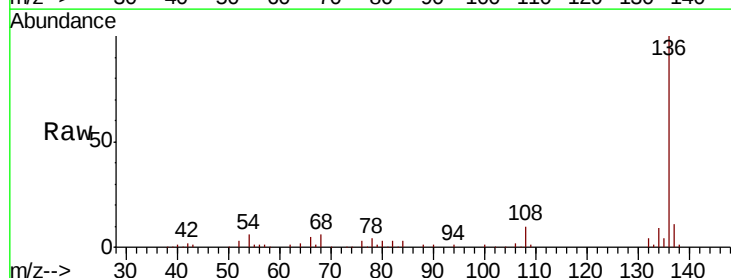
Instrument :
BNA_F
ClientSampleId :

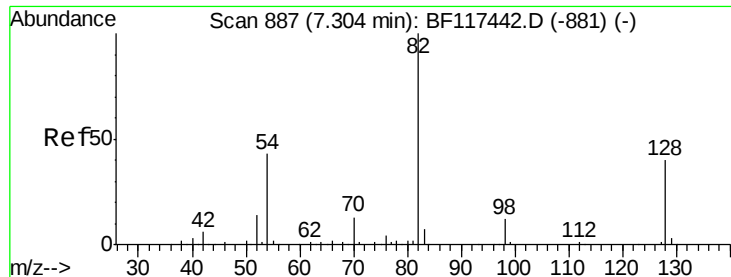
Tot Ion: 70 Resp: 30038
Ion Ratio Lower Upper
70 100
42 39.9 36.7 55.1
101 0.0 8.3 12.5#
130 1.7 18.1 27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion: 136 Resp: 131625
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 6.1 4.5 6.7
68 5.6 4.3 6.5

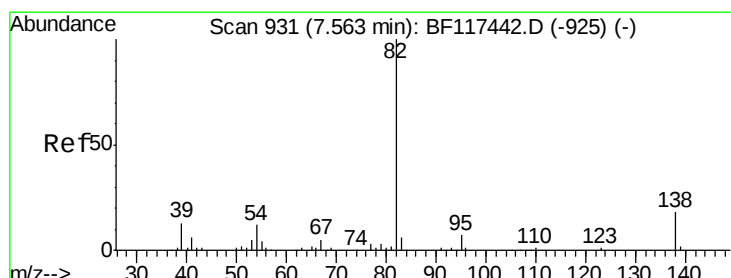
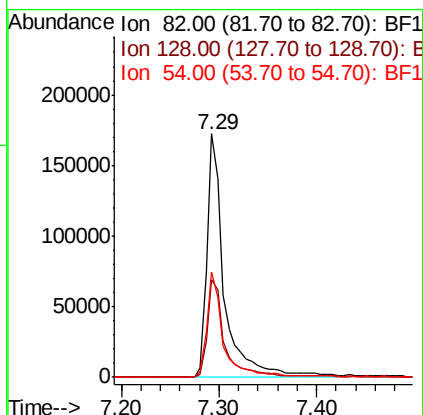
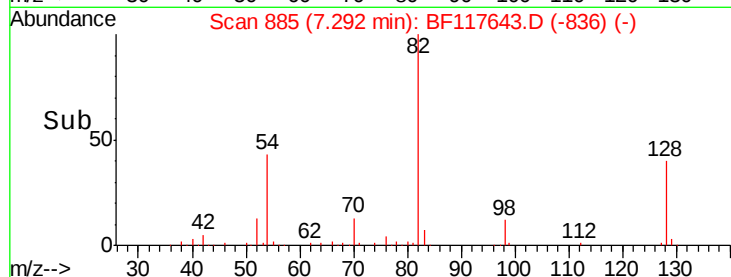
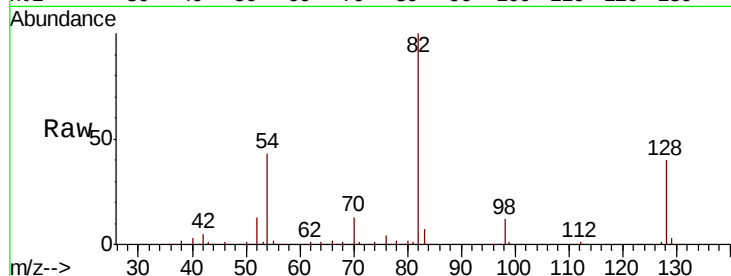




#23
Nitrobenzene-d5
Concen: 80.133 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

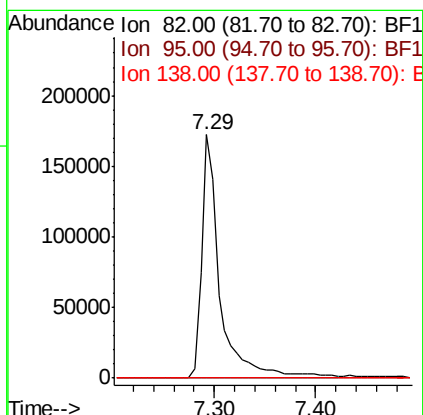
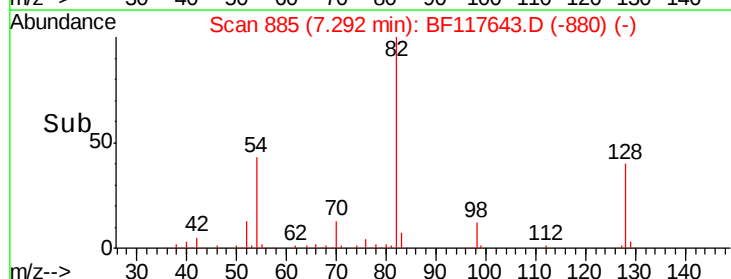
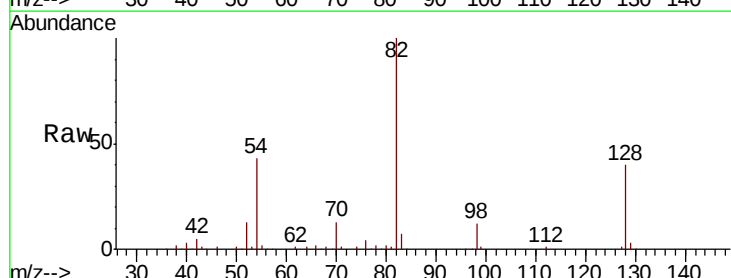
Instrument :
BNA_F
ClientSampled :

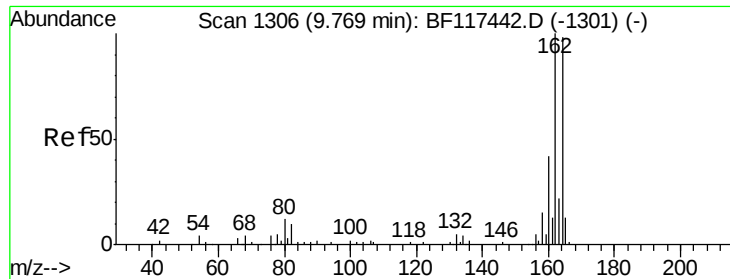
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.2
54	43.0	34.2	51.2



#25
Isophorone
Concen: 46.321 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.27 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	14.2	21.2#

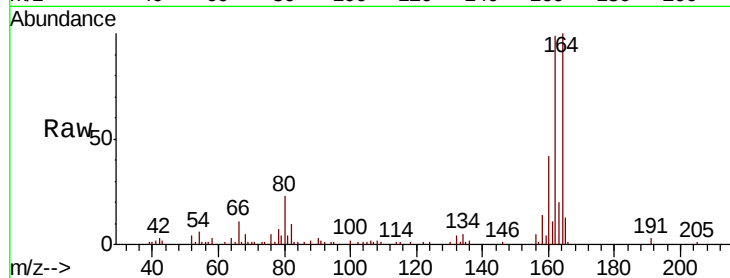




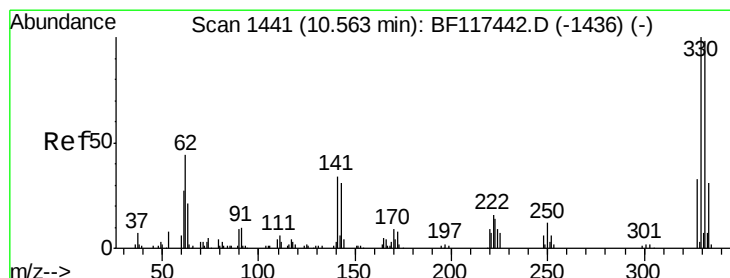
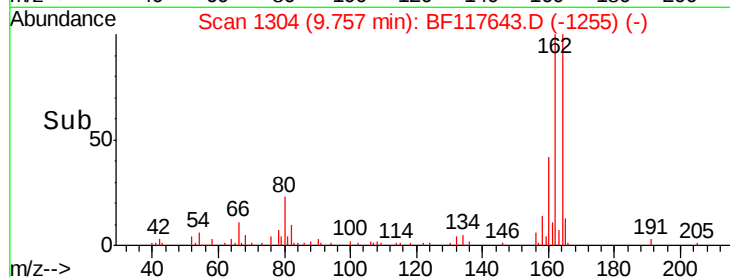
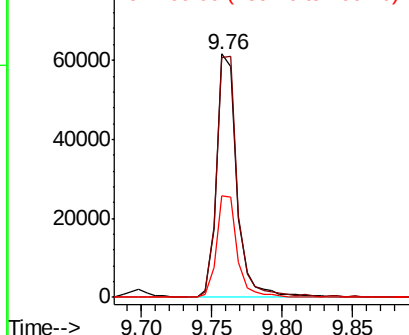
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 61649
Ion Ratio Lower Upper
164 100
162 98.6 81.8 122.6
160 41.6 34.4 51.6

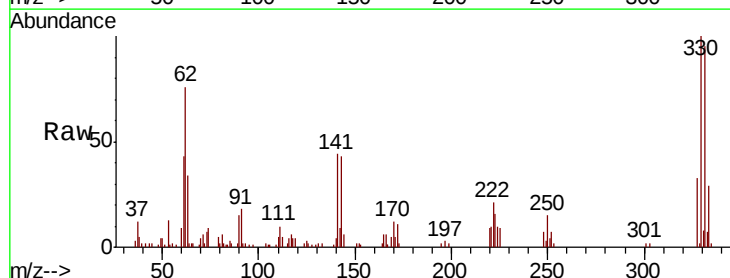


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

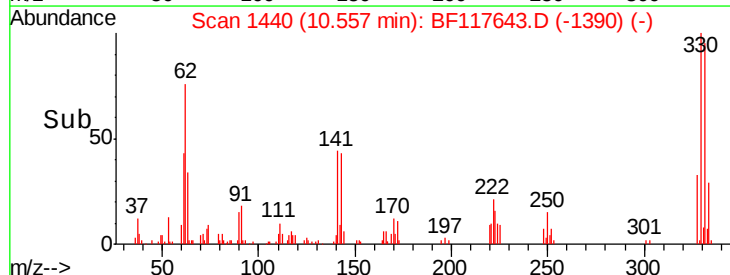
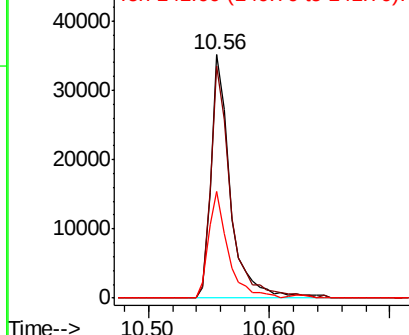


#42
2,4,6-Tribromophenol
Concen: 72.755 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion:330 Resp: 38809
Ion Ratio Lower Upper
330 100
332 96.8 78.5 117.7
141 44.2 37.0 55.6



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

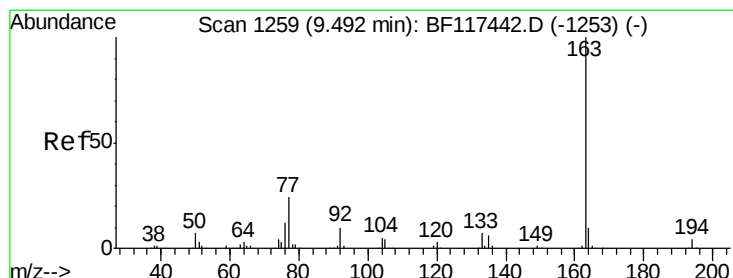
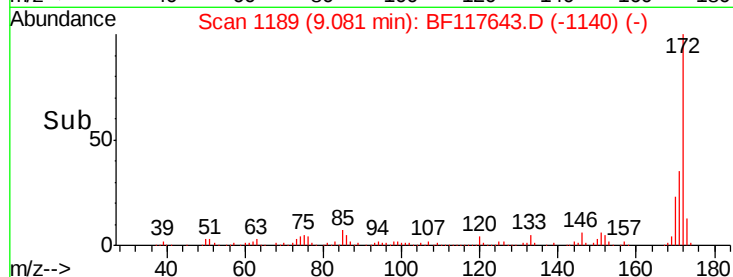
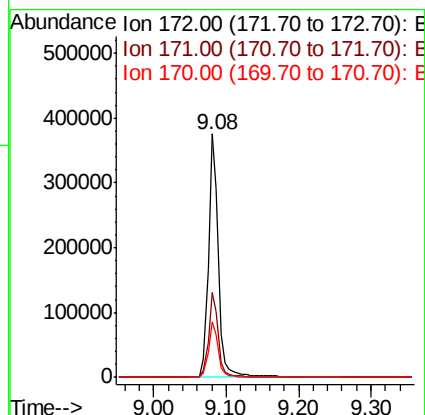
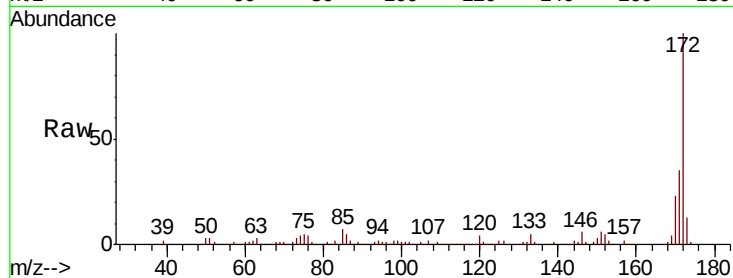




#45
2-Fluorobiphenyl
Concen: 81.576 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

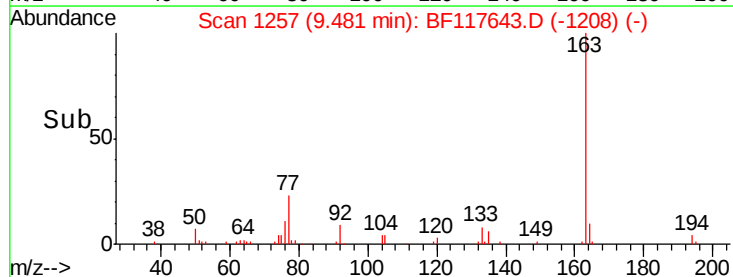
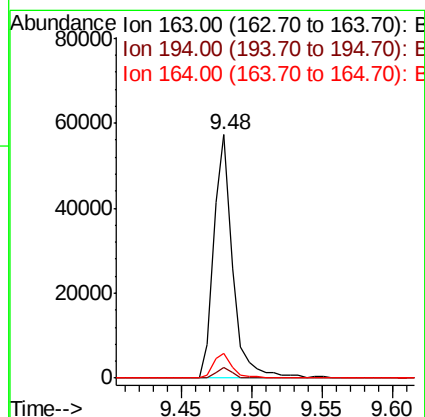
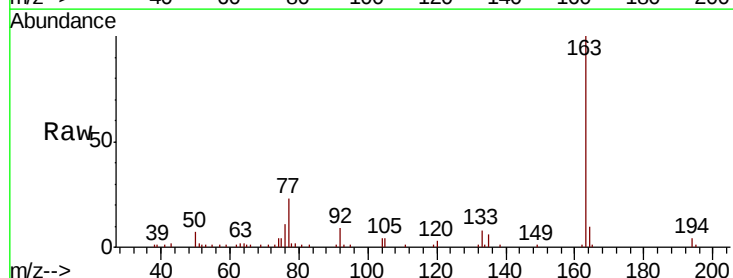
Instrument :
BNA_F
ClientSampled :

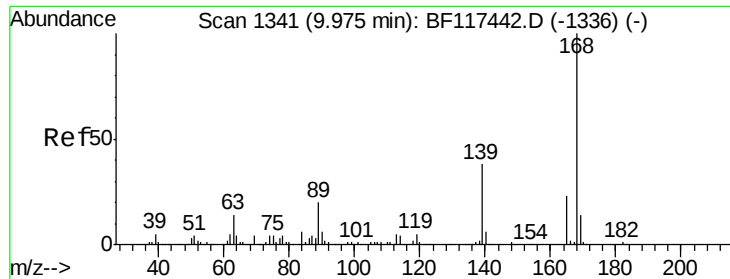
Tot Ion:172 Resp: 356927
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 22.6 18.6 27.8



#50
Dimethylphthalate
Concen: 12.127 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion:163 Resp: 53298
Ion Ratio Lower Upper
163 100
194 4.4 2.9 4.3#
164 10.2 8.2 12.2

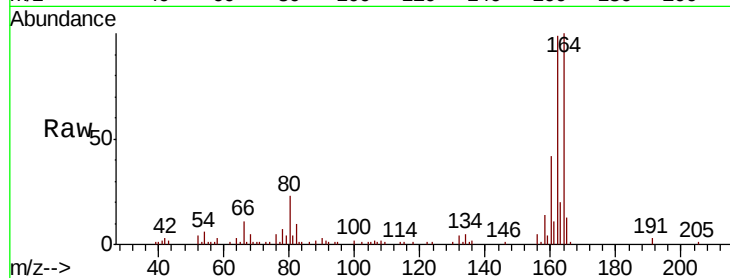




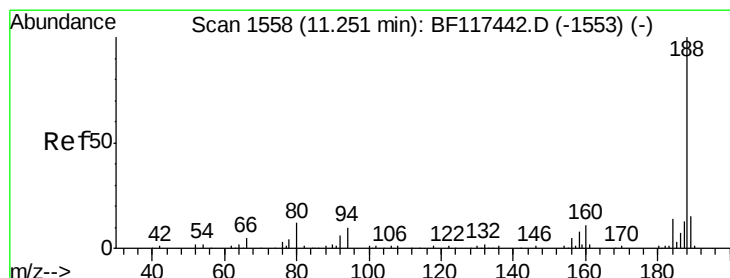
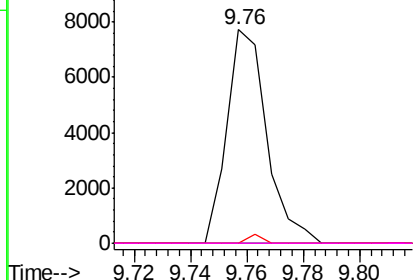
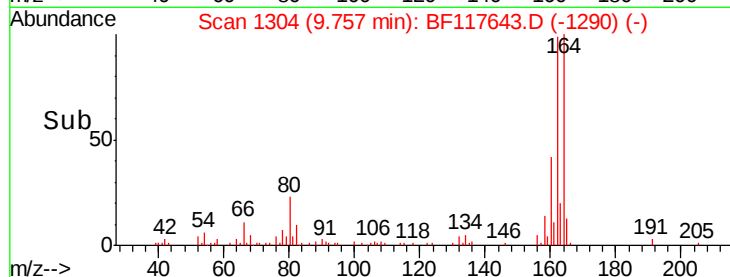
#57
 2,4-Dinitrotoluene
 Concen: 6.221 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.22 min
 Lab File: BF117643.D
 Acq: 31 Oct 2019 4:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 7586
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.4 77.0#
 89 0.0 69.9 104.9#
 182 0.0 1.9 2.9#

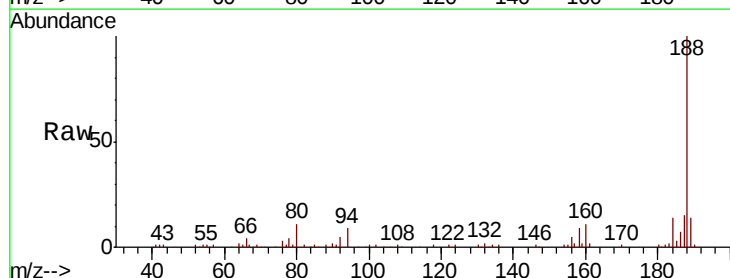


Abundance Ion 165.00 (164.70 to 165.70): E
 12000 Ion 63.00 (62.70 to 63.70): BF1
 10000 Ion 89.00 (88.70 to 89.70): BF1
 8000 Ion 182.00 (181.70 to 182.70): E

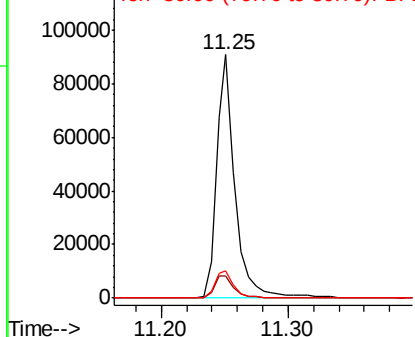
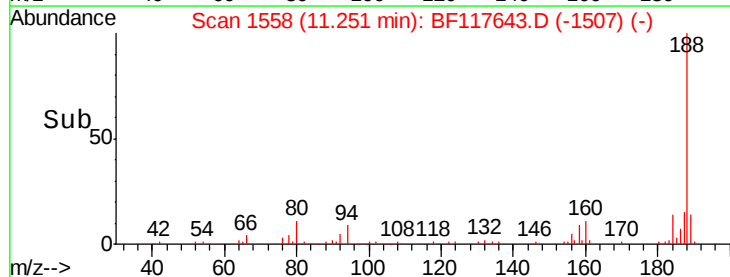


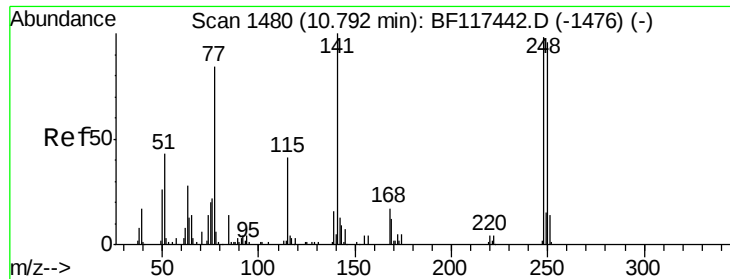
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF117643.D
 Acq: 31 Oct 2019 4:01

Tgt Ion:188 Resp: 92420
 Ion Ratio Lower Upper
 188 100
 94 9.3 8.0 12.0
 80 11.0 9.5 14.3



Abundance Ion 188.00 (187.70 to 188.70): E
 120000 Ion 94.00 (93.70 to 94.70): BF1
 100000 Ion 80.00 (79.70 to 80.70): BF1

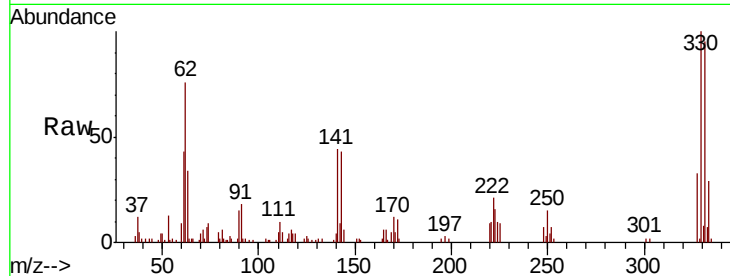




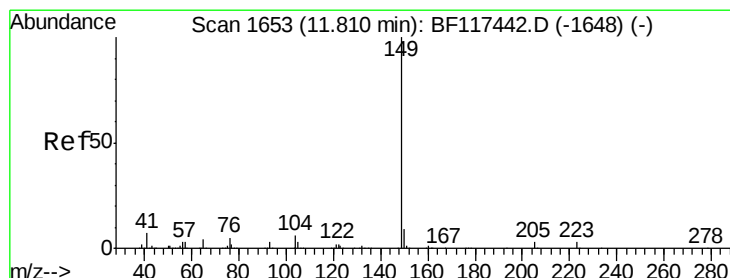
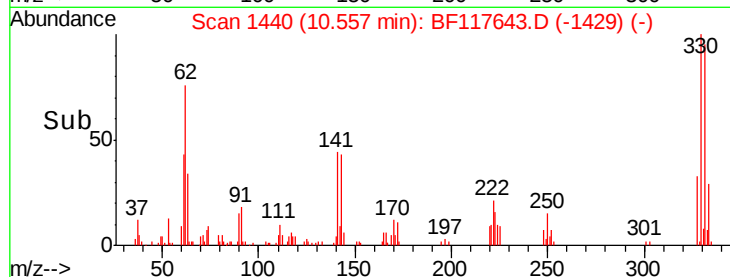
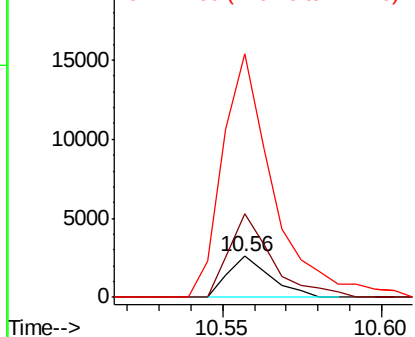
#67
4-Bromophenyl-phenylether
Concen: 2.400 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.24 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 2389
Ion Ratio Lower Upper
248 100
250 204.8 78.0 117.0#
141 592.9 81.7 122.5#

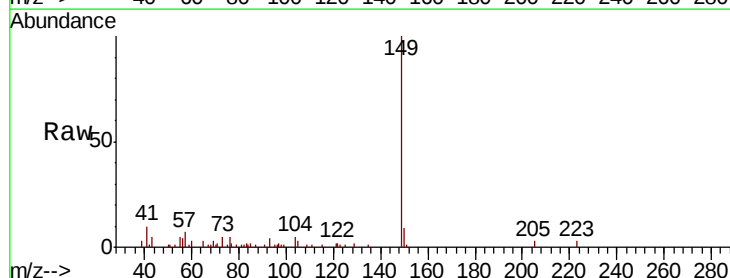


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

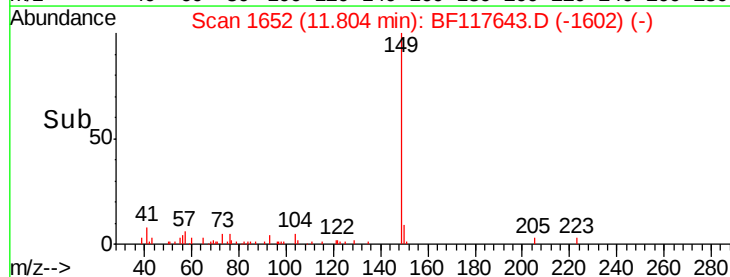
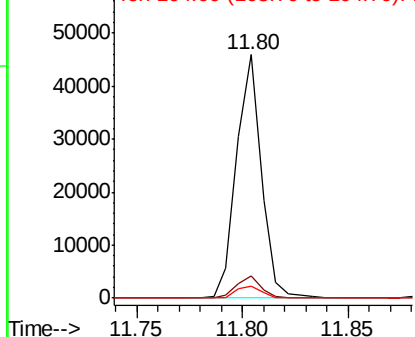


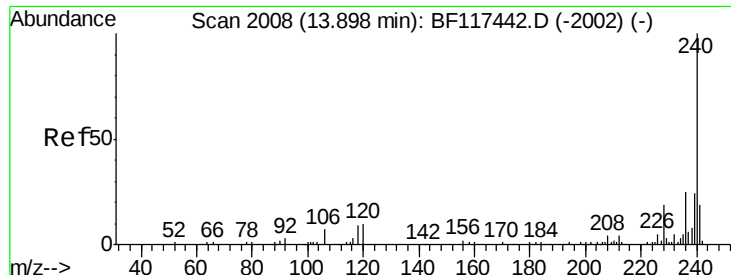
#74
Di-n-butylphthalate
Concen: 5.550 ng
RT: 11.80 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion:149 Resp: 37317
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

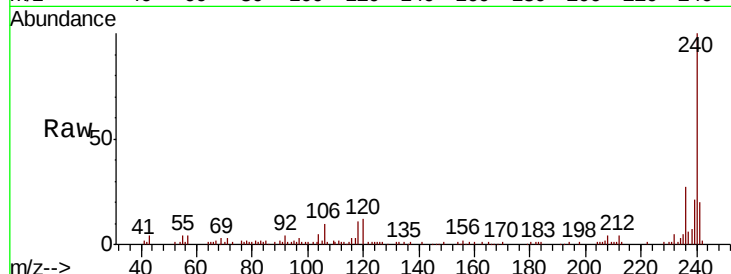




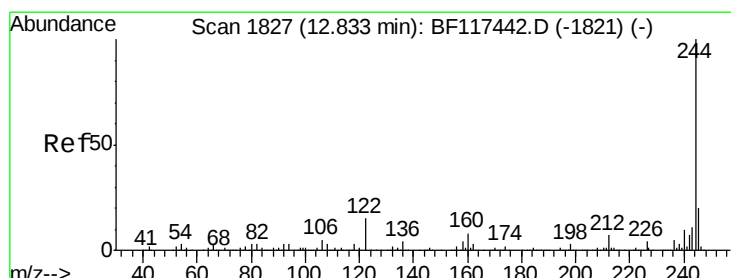
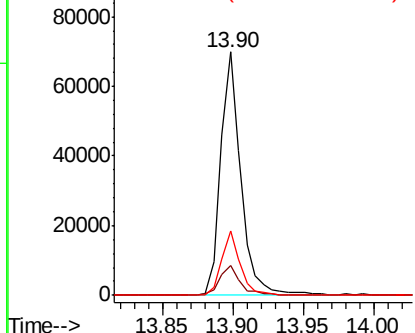
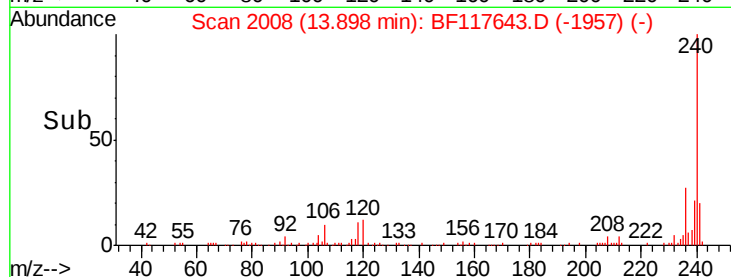
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.4	12.6
236	26.7	20.0	30.0

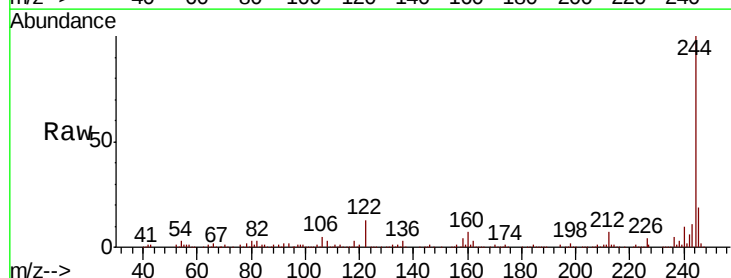


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

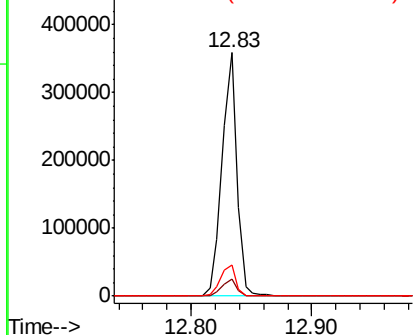
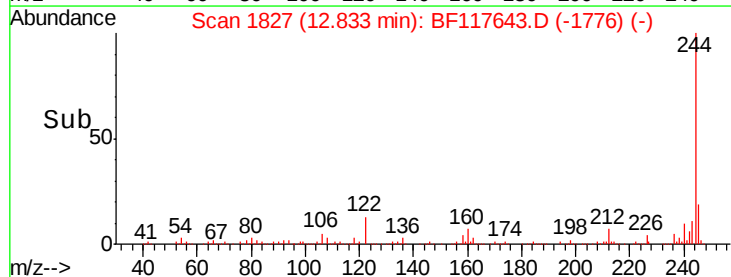


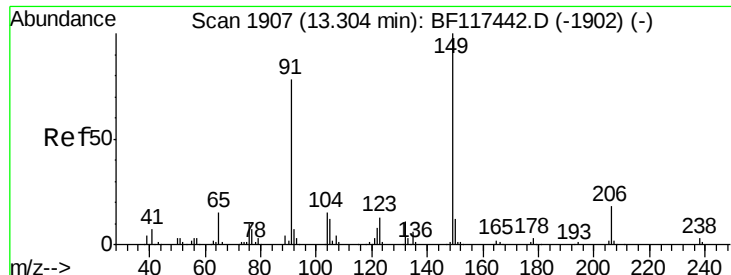
#79
Terphenyl-d14
Concen: 72.076 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.5	11.8	17.8



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

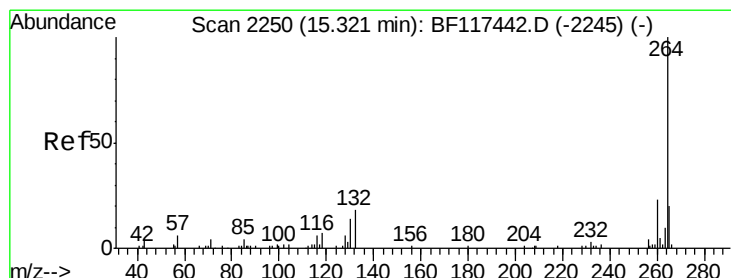
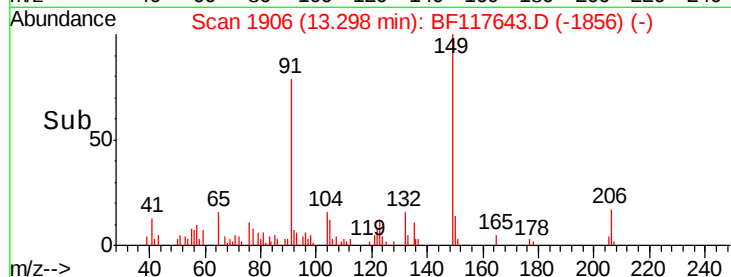
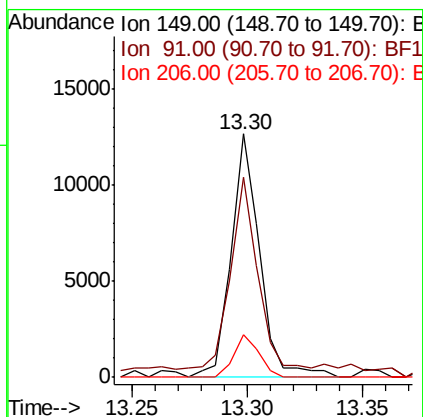
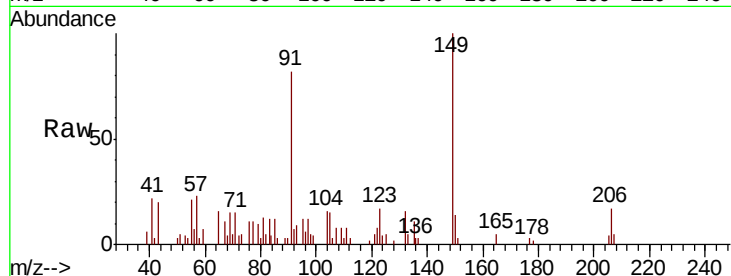




#80
Butylbenzylphthalate
Concen: 3.670 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 10883
Ion Ratio Lower Upper
149 100
91 82.1 62.1 93.1
206 17.3 14.3 21.5



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.02 min
Lab File: BF117643.D
Acq: 31 Oct 2019 4:01

Tgt Ion:264 Resp: 54297
Ion Ratio Lower Upper
264 100
260 27.3 18.4 27.6
265 22.3 16.1 24.1

