

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100819\
 Data File : BF117348.D
 Acq On : 8 Oct 2019 18:43
 Operator : JU
 Sample : K5230-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:31:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 09 01:26:00 2019
 Response via : Initial Calibration

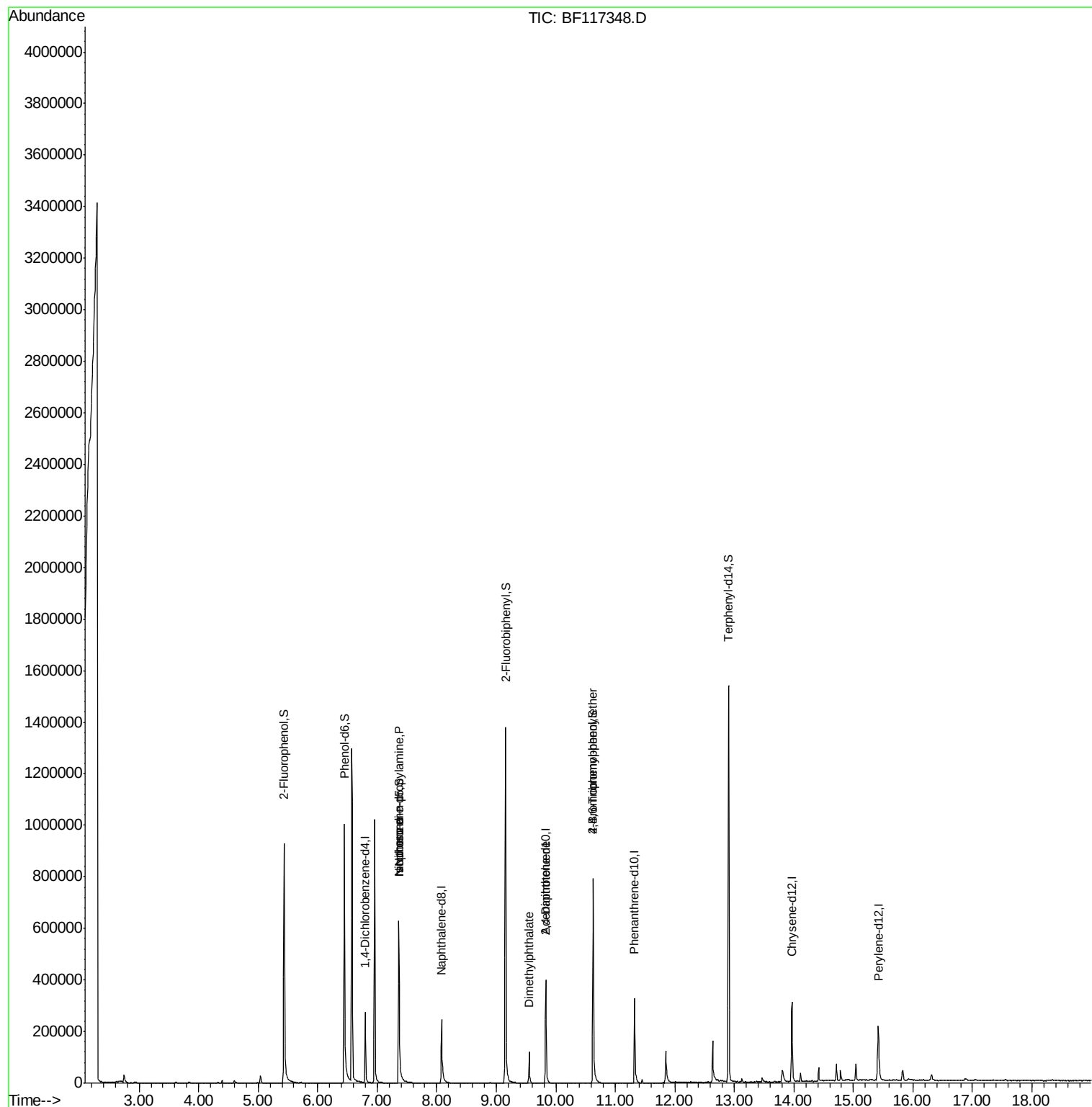
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	44669	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	178439	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	92187	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	157312	20.00	ng	0.00
76) Chrysene-d12	13.97	240	124217	20.00	ng	0.00
87) Perylene-d12	15.42	264	114638	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	337018	117.79	ng	0.00
7) Phenol-d6	6.45	99	435605	117.81	ng	0.00
23) Nitrobenzene-d5	7.36	82	286931	84.49	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	103833	134.77	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	524756	89.00	ng	0.00
79) Terphenyl-d14	12.91	244	582498	87.65	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	458	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	36147	16.054	ng	# 81
25) Isophorone	7.36	82	286929	47.718	ng	# 66
50) Dimethylphthalate	9.55	163	62583	9.588	ng	# 98
57) 2,4-Dinitrotoluene	9.83	165	11276	6.534	ng	# 18
67) 4-Bromophenyl-phenylether	10.63	248	6757	4.206	ng	# 1

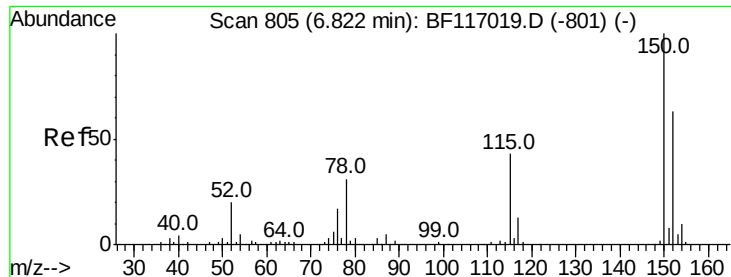
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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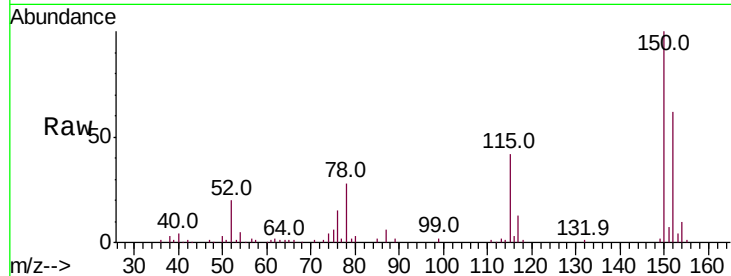


#1

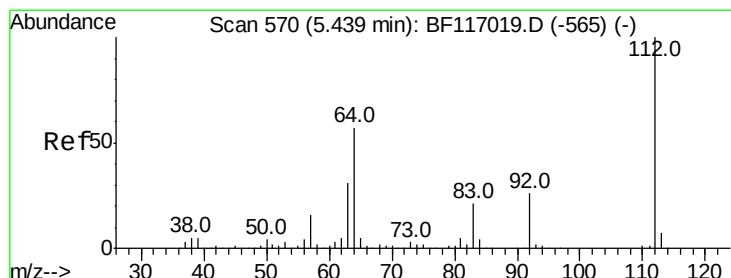
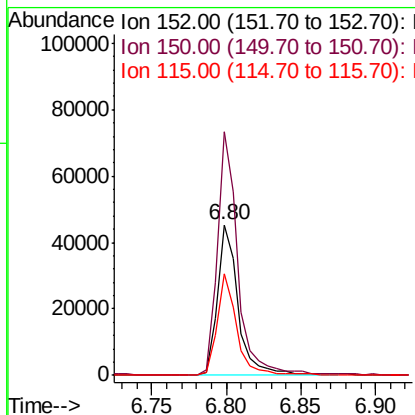
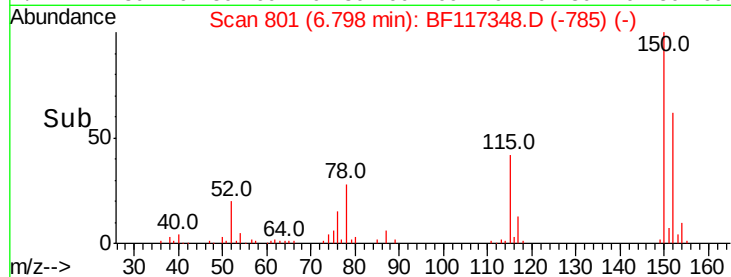
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44669
Ion Ratio Lower Upper
152 100
150 161.6 127.5 191.3
115 67.3 55.0 82.4



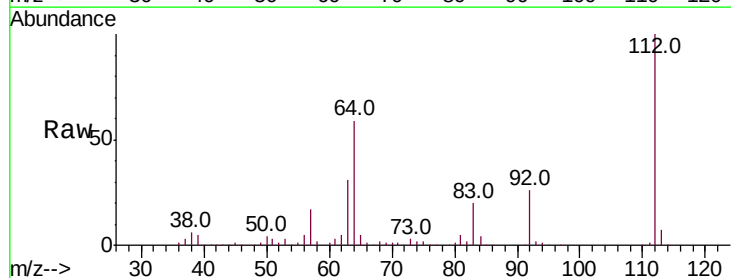
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



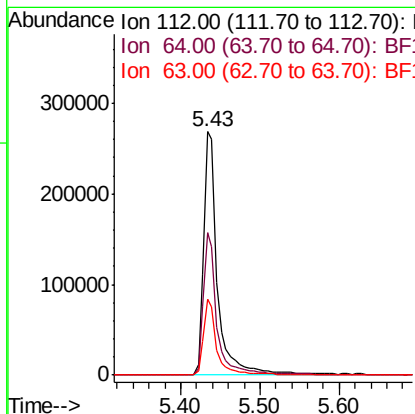
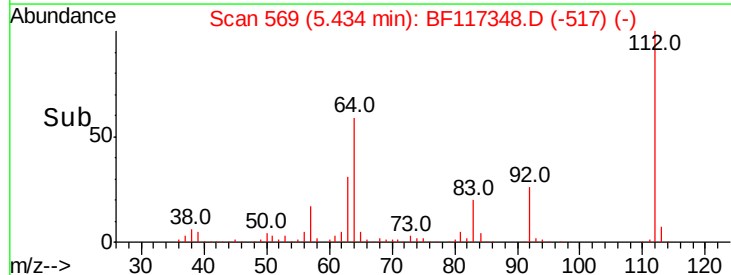
#5

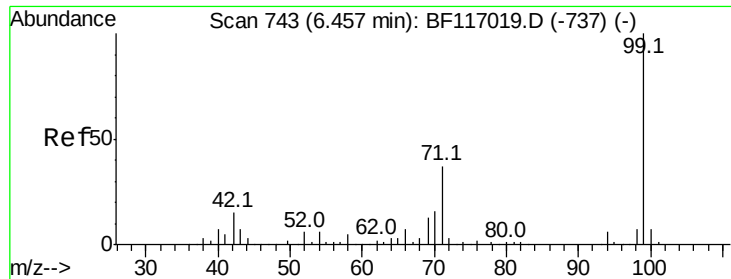
2-Fluorophenol
Concen: 117.793 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

Tgt Ion:112 Resp: 337018
Ion Ratio Lower Upper
112 100
64 58.6 45.7 68.5
63 31.4 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: 117.808 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

Instrument :

BNA_F

ClientSampled :

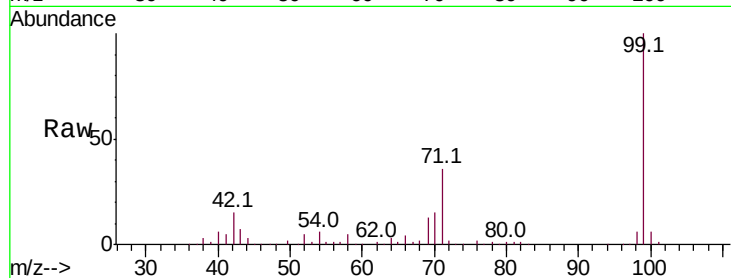
Tot Ion: 99 Resp: 435605

Ion Ratio Lower Upper

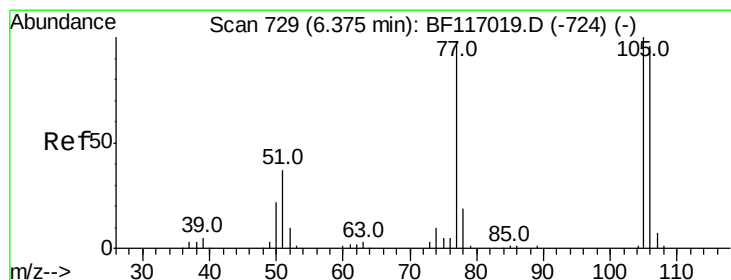
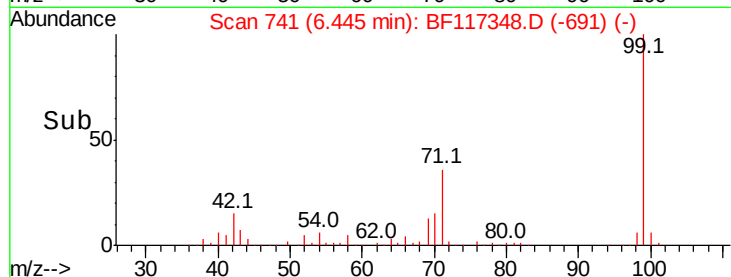
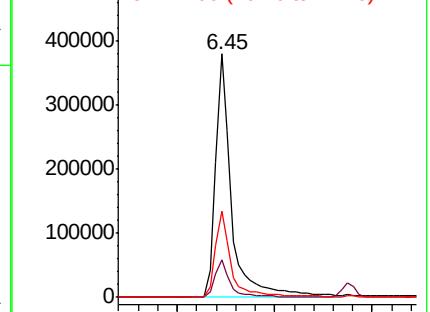
99 100

42 15.4 12.2 18.2

71 35.7 29.8 44.8



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.45 min Scan# 741

Delta R.T. 0.09 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

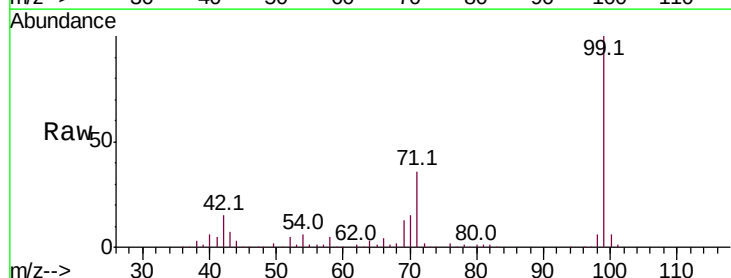
Tgt Ion: 77 Resp: 458

Ion Ratio Lower Upper

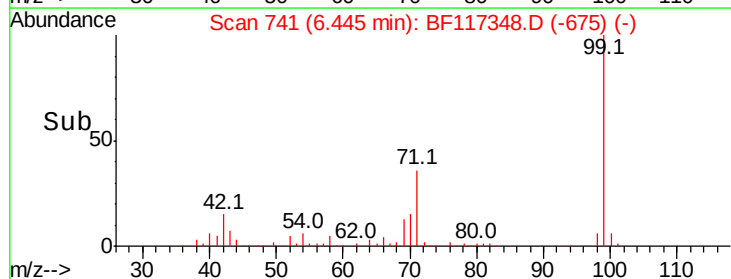
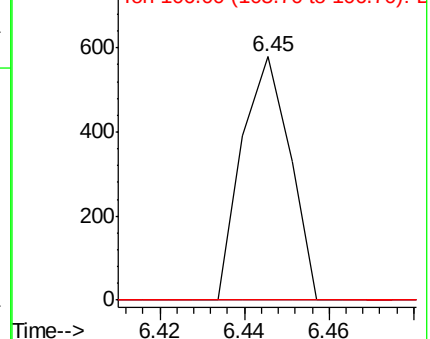
77 100

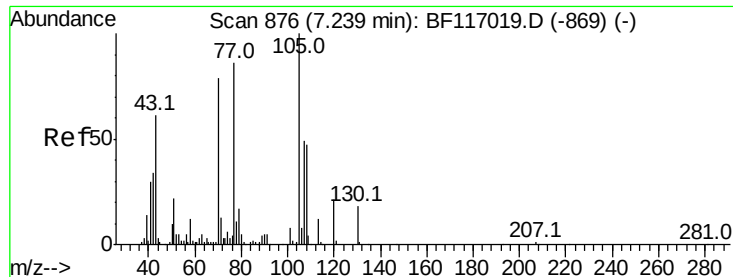
105 0.0 81.8 121.8#

106 0.0 77.3 117.3#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

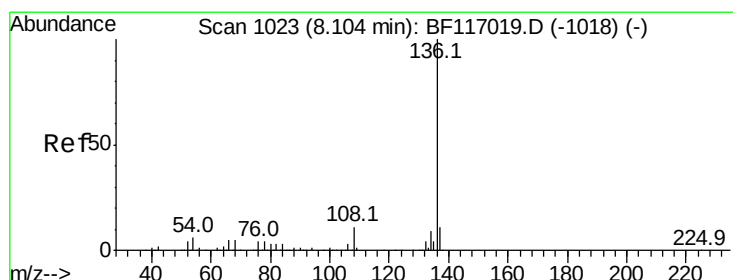
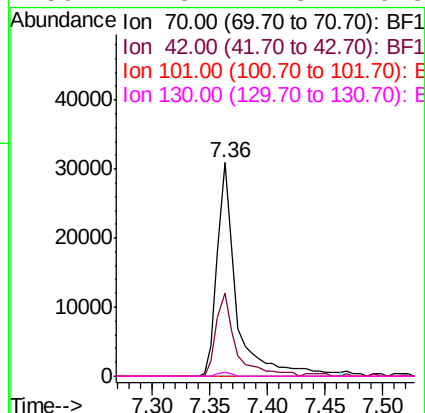
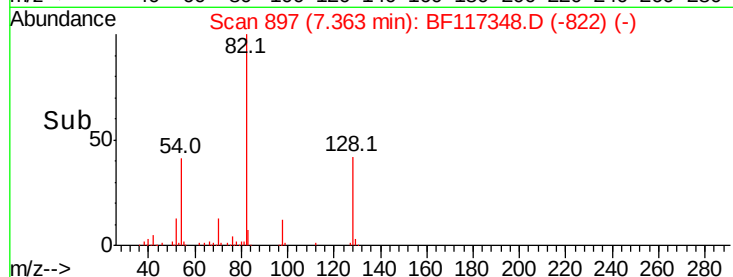
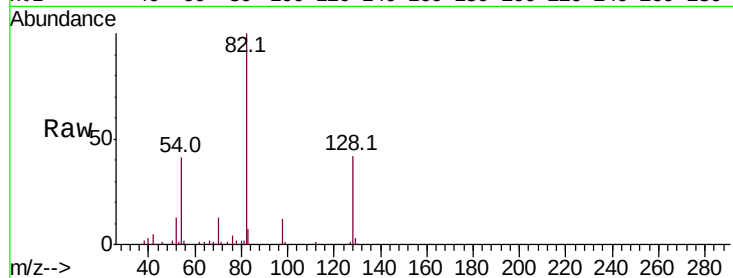




#19
n-Nitroso-di-n-propylamine
Concen: 16.054 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.14 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

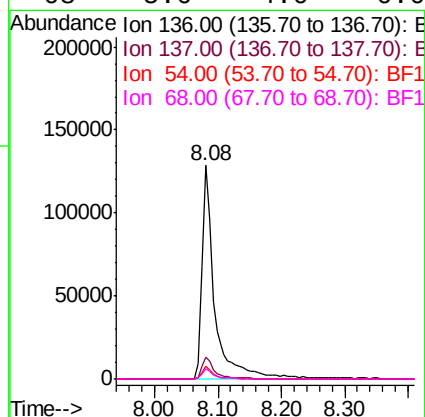
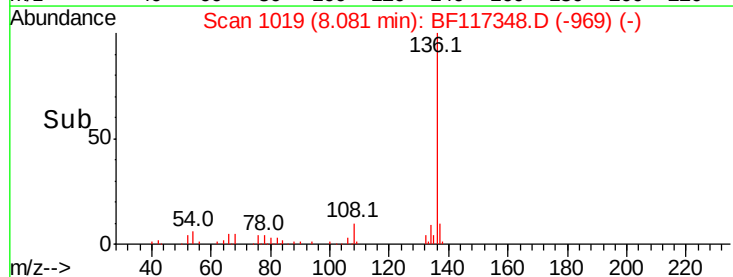
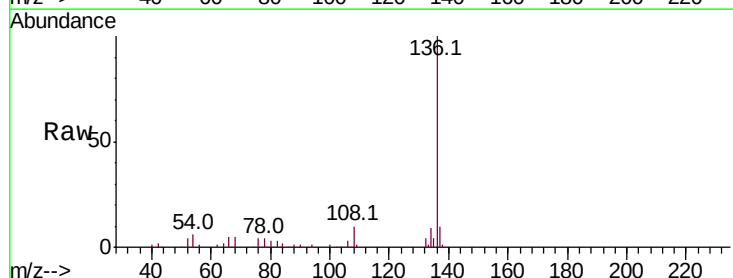
Instrument :
BNA_F
ClientSampleId :

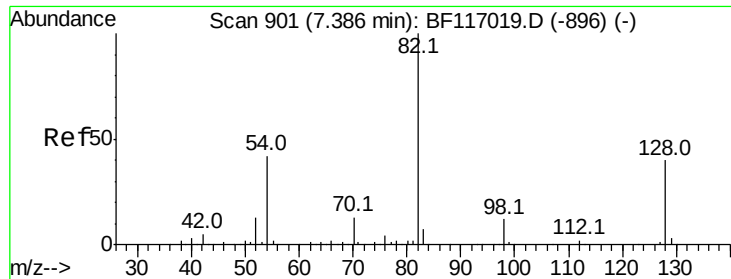
Tot Ion:	70	Resp:	36147
Ion	Ratio	Lower	Upper
70	100		
42	39.2	34.0	51.0
101	0.0	7.8	11.6#
130	1.8	17.8	26.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

Tgt Ion:	136	Resp:	178439
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.0	13.4
54	5.8	4.5	6.7
68	5.0	4.0	6.0





#23

Nitrobenzene-d5

Concen: 84.489 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

Instrument :

BNA_F

ClientSampleId :

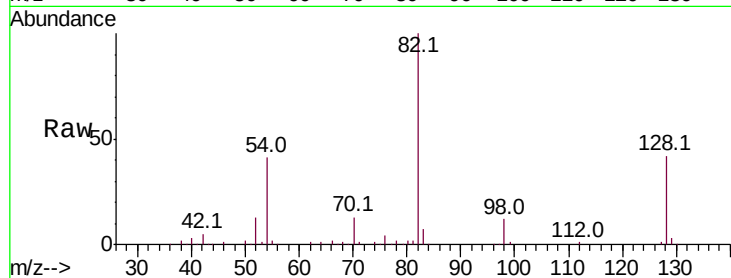
Tot Ion: 82 Resp: 286931

Ion Ratio Lower Upper

82 100

128 41.8 32.3 48.5

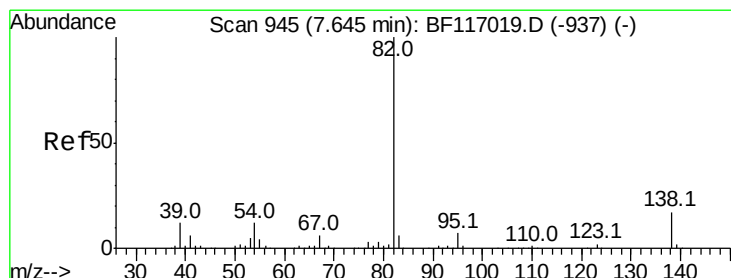
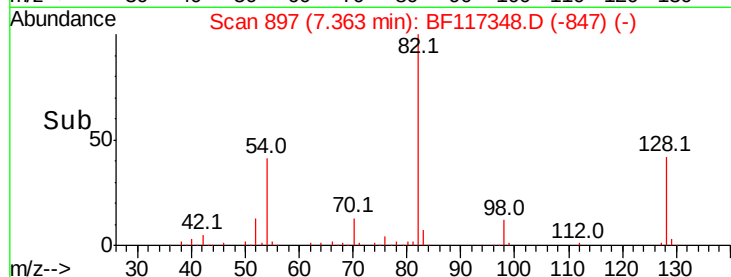
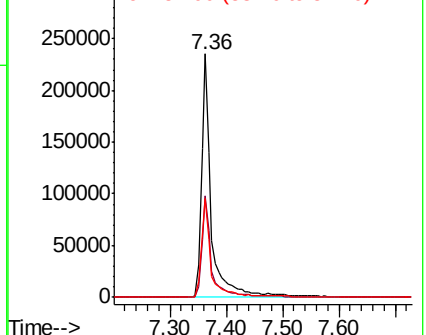
54 40.7 33.3 49.9



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



#25

Isophorone

Concen: 47.718 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

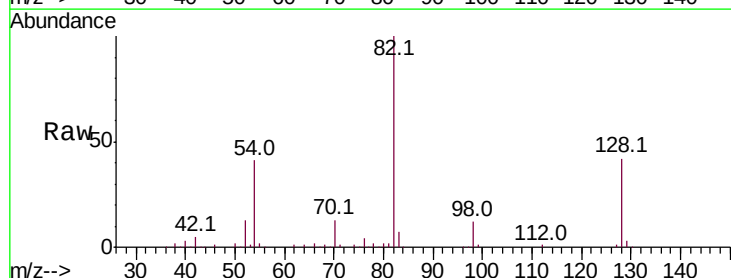
Tgt Ion: 82 Resp: 286929

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

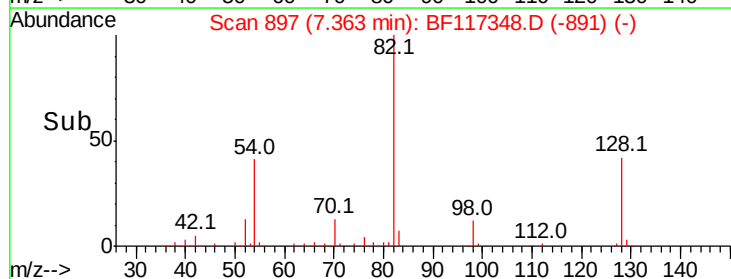
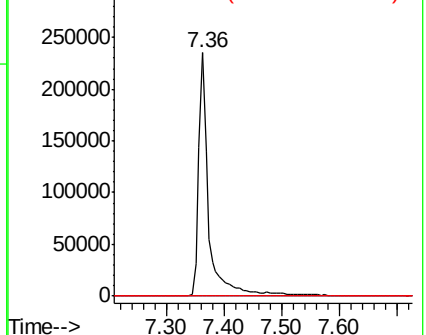
138 0.0 13.5 20.3#

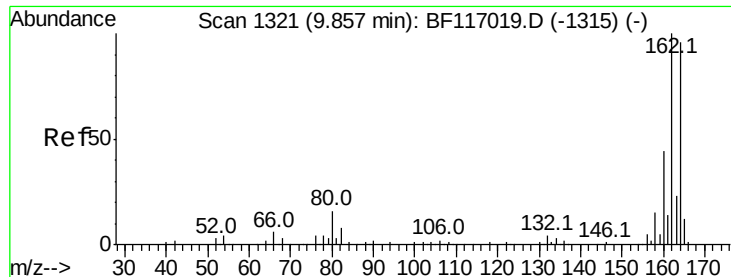


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

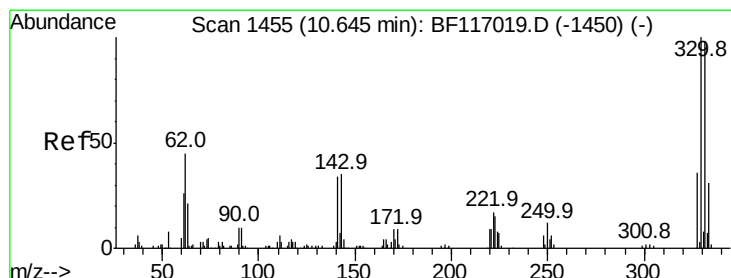
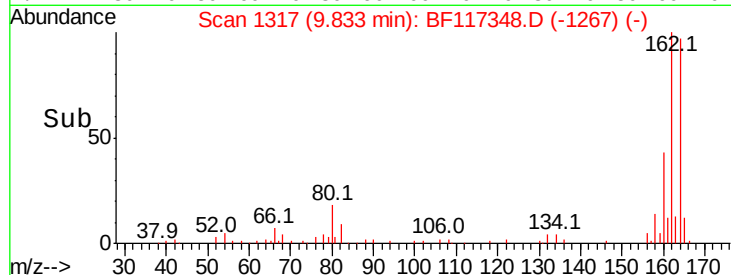
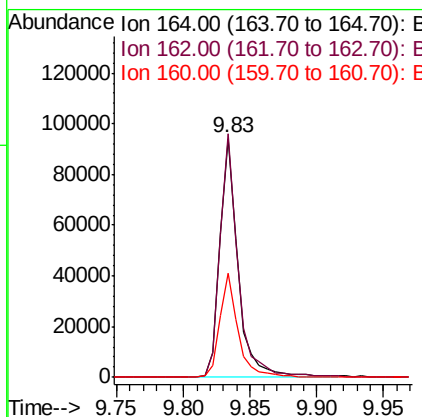
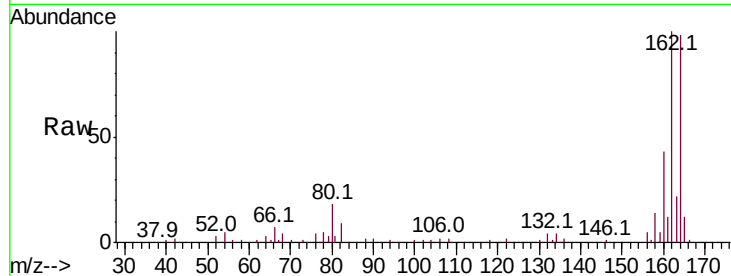




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

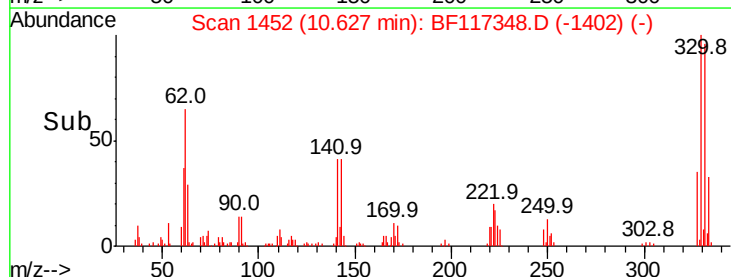
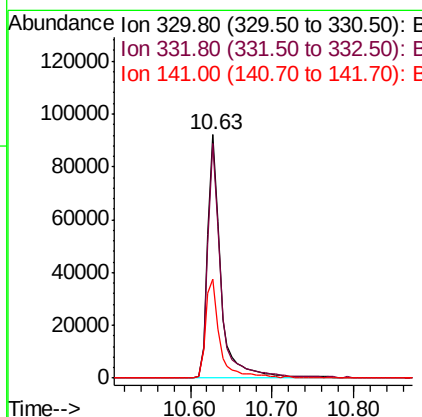
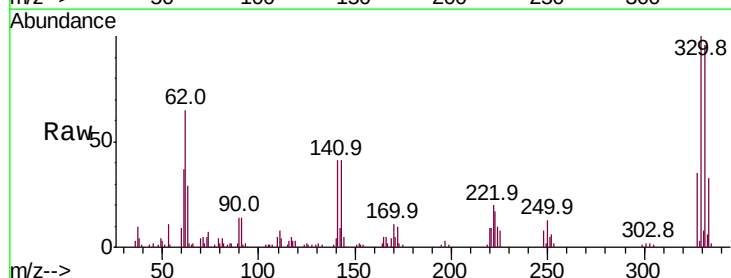
Instrument :
BNA_F
ClientSampleId :

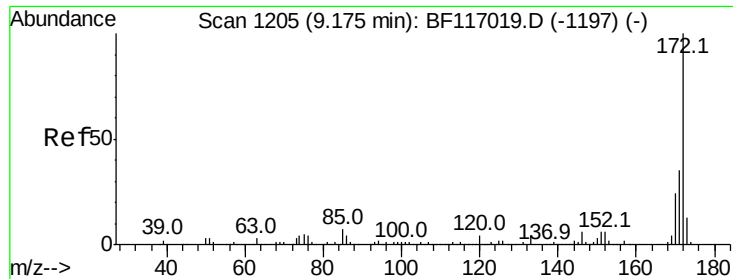
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.4	125.2
160	43.6	36.4	54.6



#42
2,4,6-Tribromophenol
Concen: 134.765 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117348.D
Acq: 8 Oct 2019 18:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.0	117.0
141	43.5	35.8	53.6



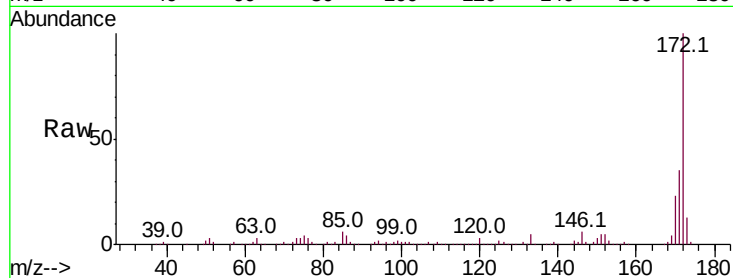


#45
 2-Fluorobiphenyl
 Concen: 89.003 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

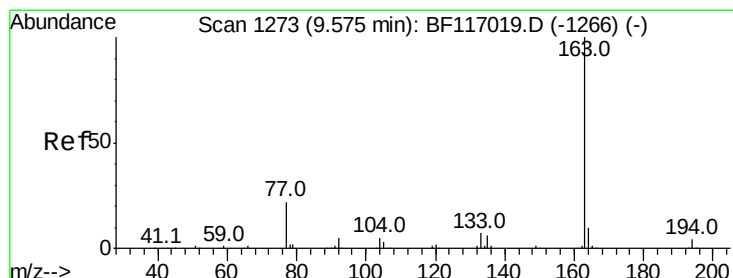
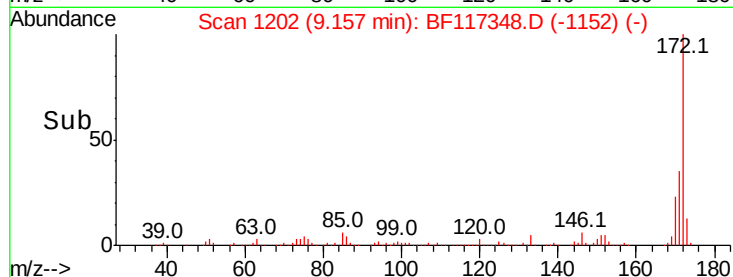
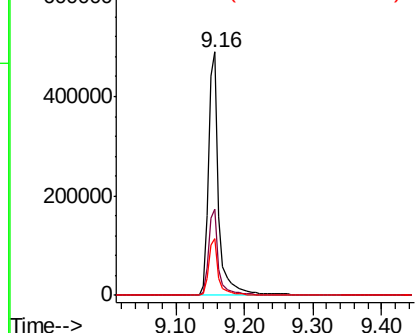
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 524756

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.2
170	23.5	18.9	28.3



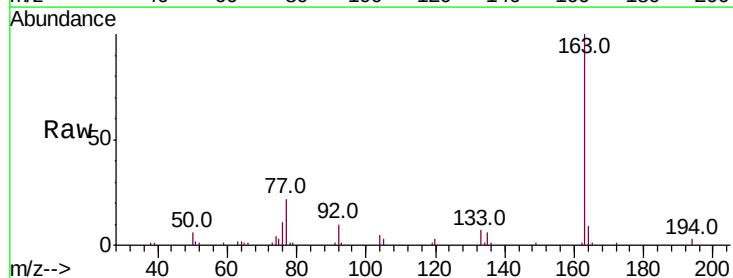
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



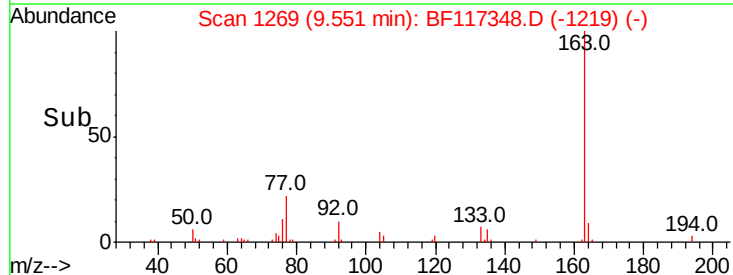
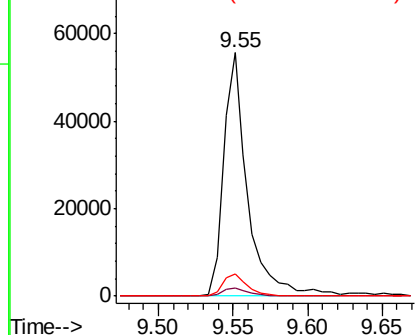
#50
 Dimethylphthalate
 Concen: 9.588 ng
 RT: 9.55 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

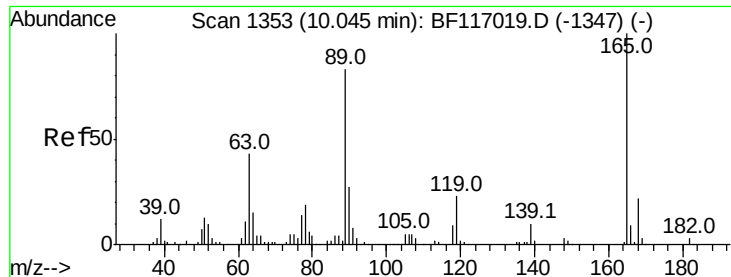
Tgt Ion:163 Resp: 62583

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.9	4.3
164	9.2	8.2	12.4



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

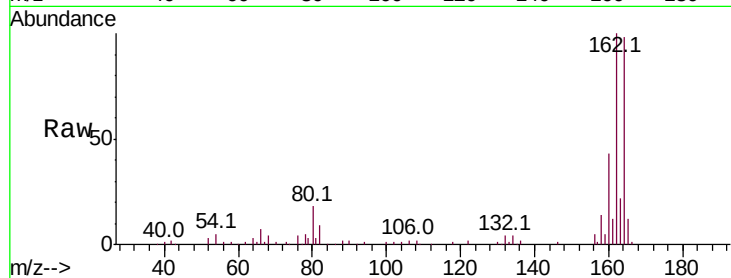




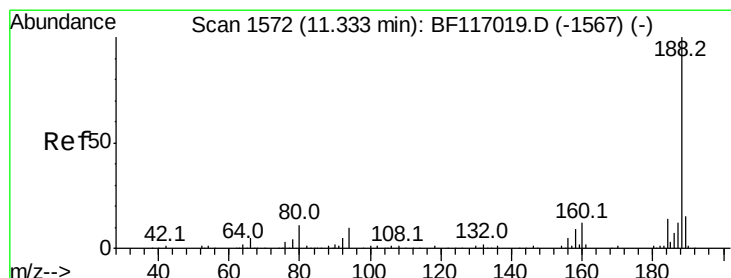
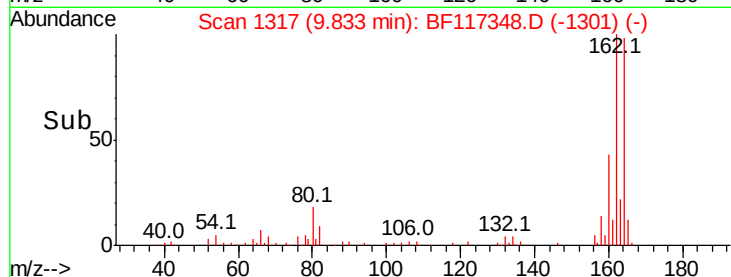
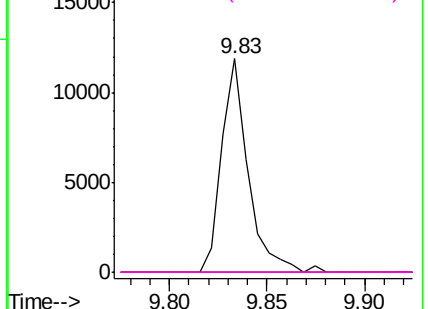
#57
 2,4-Dinitrotoluene
 Concen: 6.534 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11276
 Ion Ratio Lower Upper
 165 100
 63 0.0 35.0 52.4#
 89 0.0 66.1 99.1#
 182 0.0 2.0 3.0#

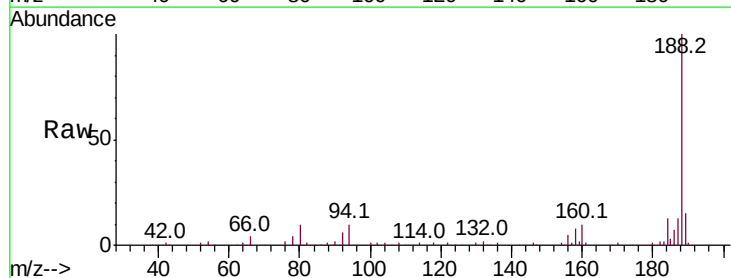


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

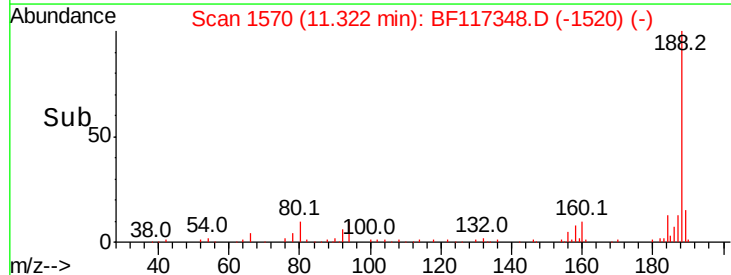
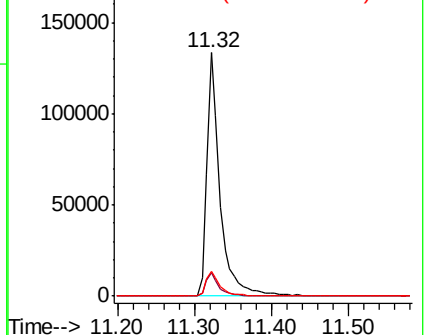


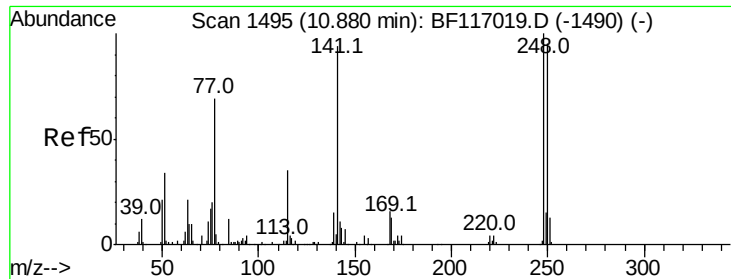
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1570
 Delta R.T. -0.01 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

Tgt Ion:188 Resp: 157312
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.2 12.2
 80 10.1 9.0 13.6



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





#67

4-Bromophenyl-phenylether

Concen: 4.206 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.24 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

Instrument :

BNA_F

ClientSampled :

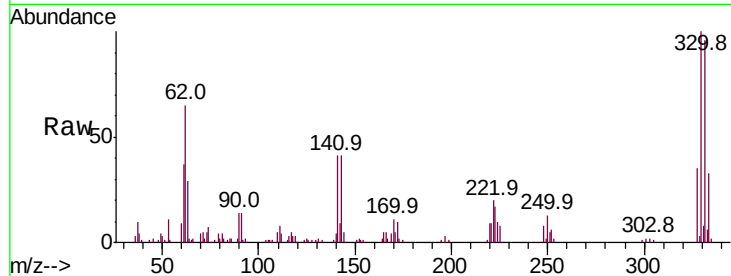
Tot Ion:248 Resp: 6757

Ion Ratio Lower Upper

248 100

250 178.2 76.2 114.4#

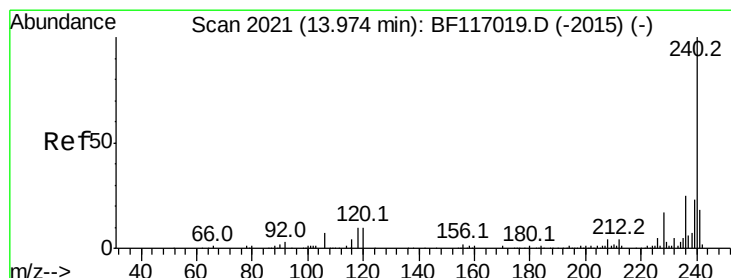
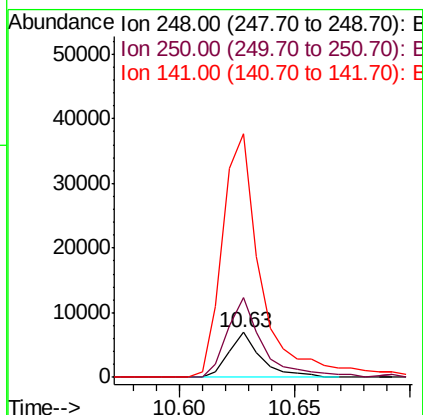
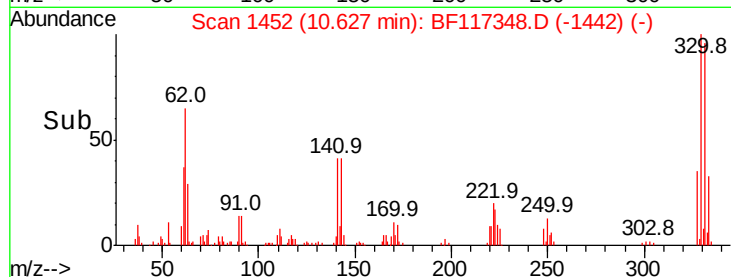
141 541.2 75.0 112.4#



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF117348.D

Acq: 8 Oct 2019 18:43

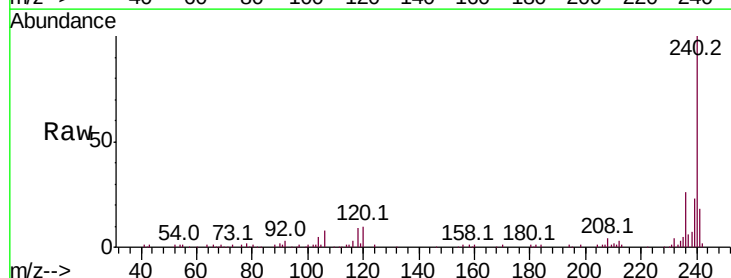
Tgt Ion:240 Resp: 124217

Ion Ratio Lower Upper

240 100

120 10.4 8.3 12.5

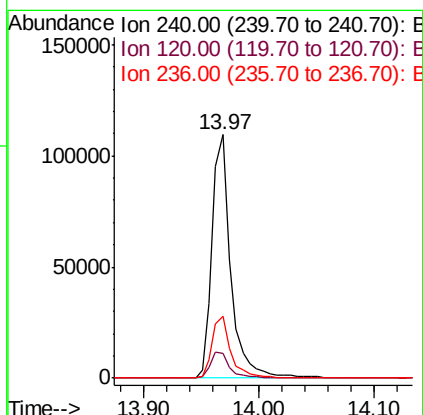
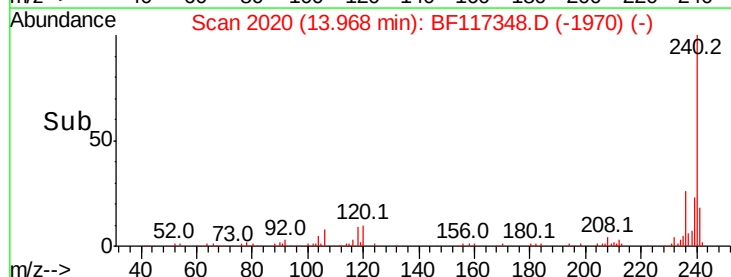
236 25.6 20.3 30.5

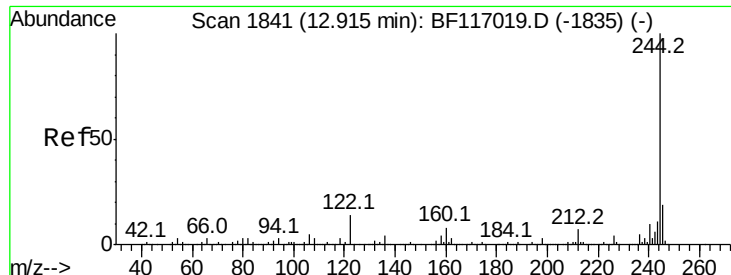


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

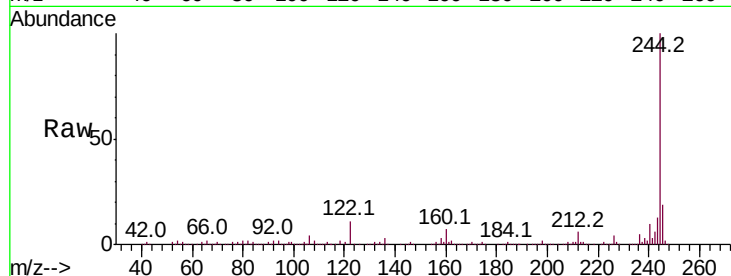




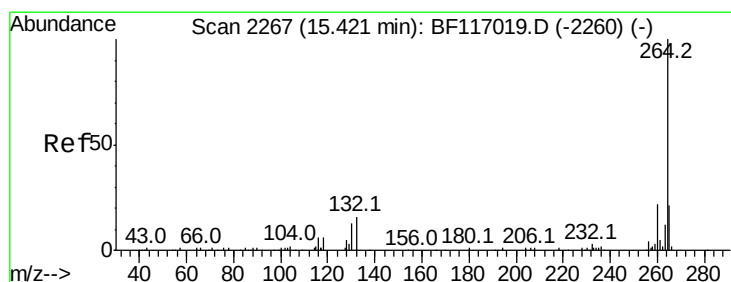
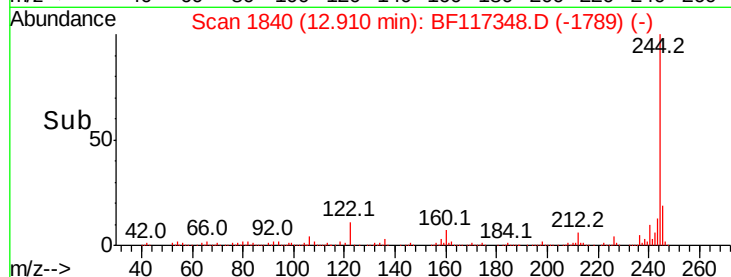
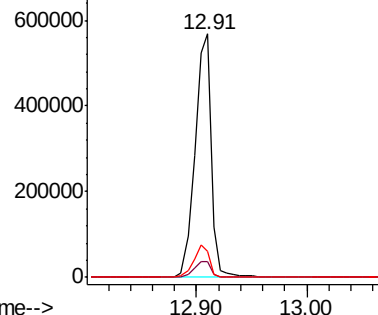
#79
 Terphenyl-d14
 Concen: 87.655 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 582498
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 10.9 11.3 16.9#

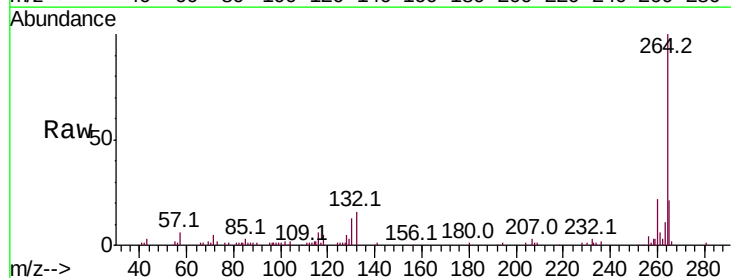


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF117348.D
 Acq: 8 Oct 2019 18:43

Tgt Ion:264 Resp: 114638
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.6 26.4
 265 20.5 16.6 24.8



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

