

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122719\
 Data File : BF118343.D
 Acq On : 27 Dec 2019 17:43
 Operator : JU
 Sample : K6435-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 28 00:00:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

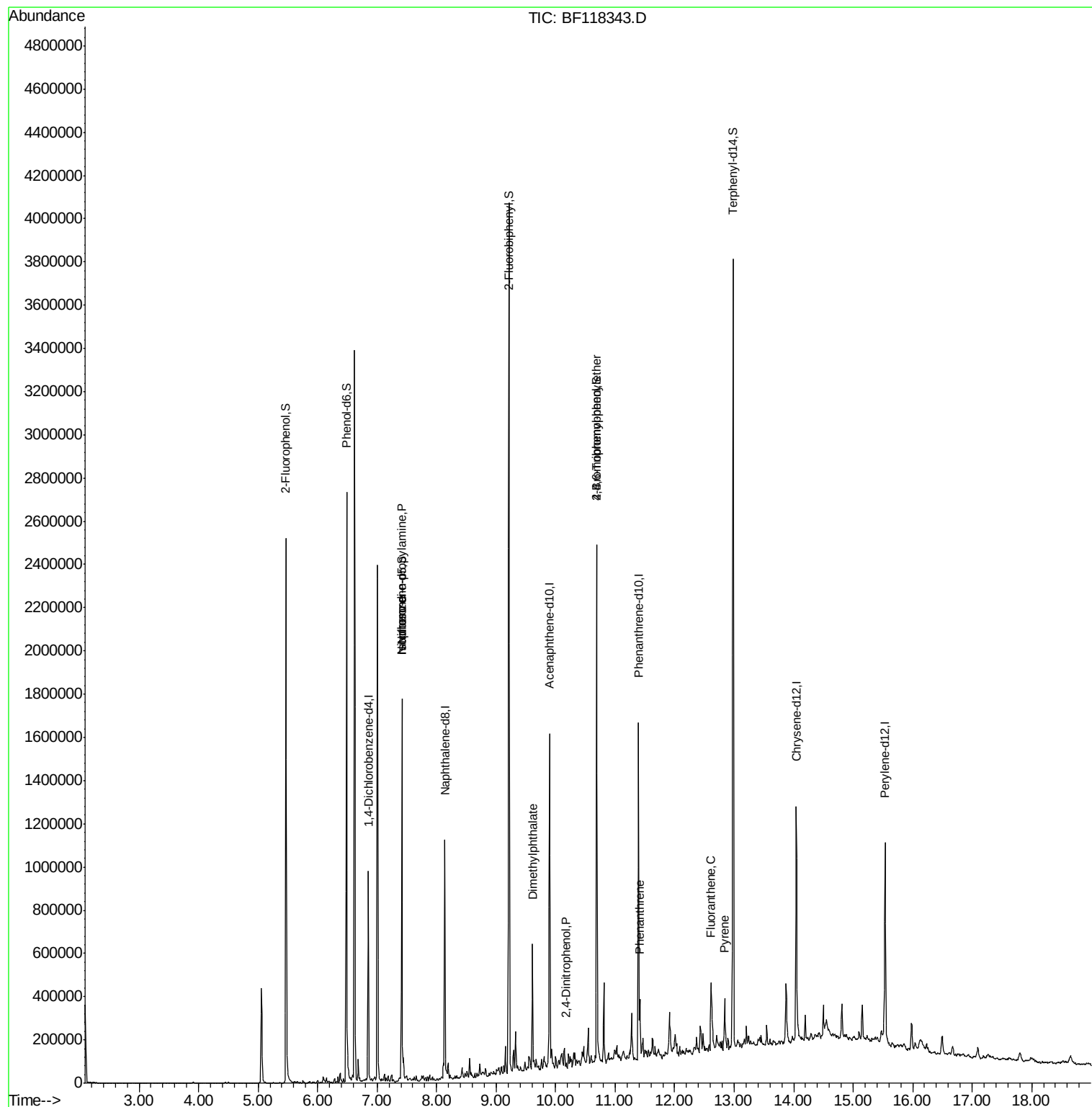
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142131	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	557659	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296103	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	539146	20.00	ng	0.00
76) Chrysene-d12	14.04	240	345335	20.00	ng	0.00
87) Perylene-d12	15.54	264	361734	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	716975	86.11	ng	0.00
7) Phenol-d6	6.49	99	950707	92.04	ng	0.00
23) Nitrobenzene-d5	7.42	82	571585	58.62	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	297350	81.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1184496	61.06	ng	0.00
79) Terphenyl-d14	12.98	244	1303294	62.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	78364	12.315	ng	# 76
25) Isophorone	7.42	82	567699	33.409	ng	# 62
50) Dimethylphthalate	9.61	163	158274	7.121	ng	99
54) 2,4-Dinitrophenol	10.18	184	446	5.357	ng	# 18
67) 4-Bromophenyl-phenylether	10.69	248	17668	2.800	ng	# 1
71) Phenanthrene	11.42	178	90370	3.075	ng	98
75) Fluoranthene	12.61	202	106575	3.593	ng	98
78) Pyrene	12.84	202	85874	3.045	ng	96

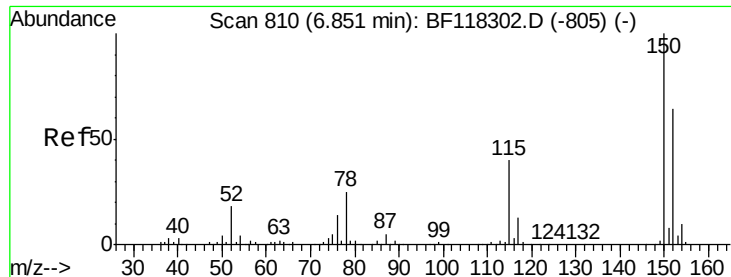
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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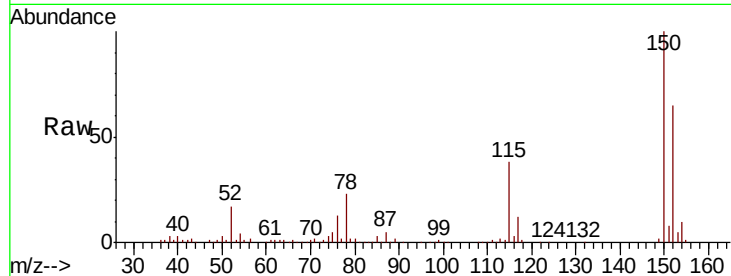


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	125.4	188.2
115	59.2	50.2	75.4

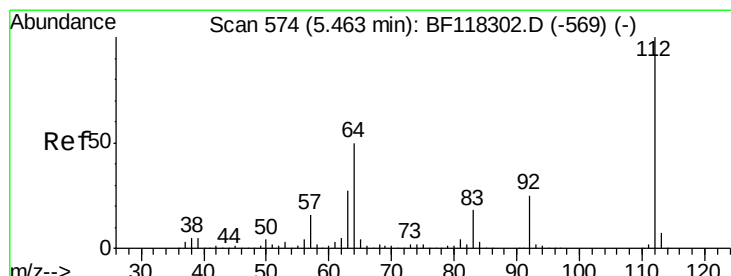
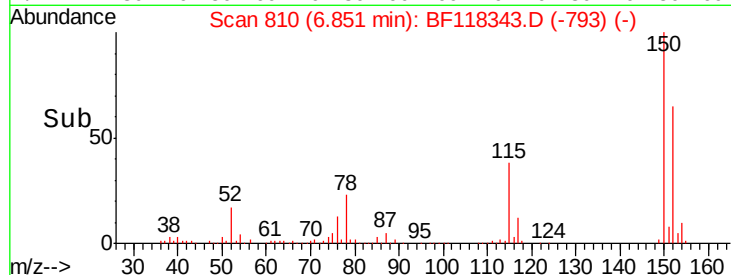
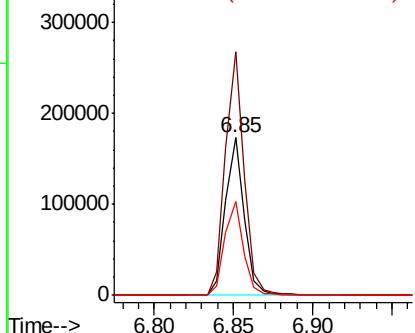


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

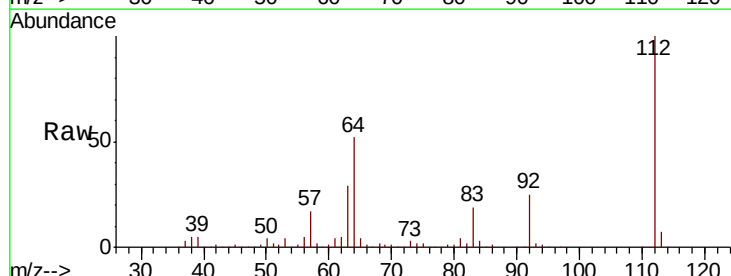
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 86.108 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	39.7	59.5
63	28.8	21.7	32.5

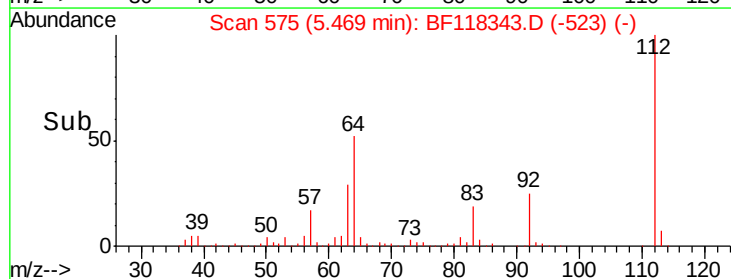
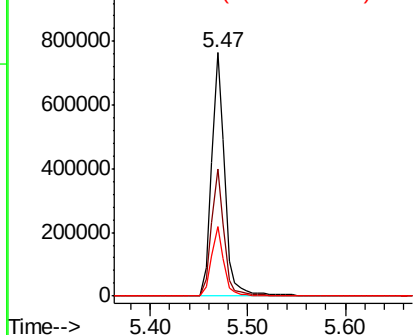


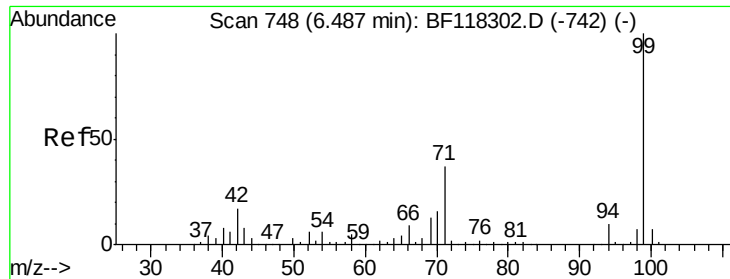
Abundance

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: 92.041 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

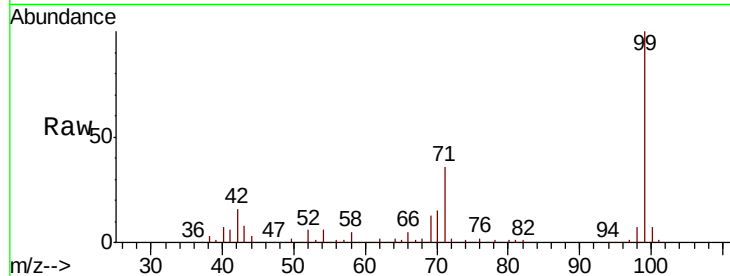
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 950707

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	36.0	29.4	44.2

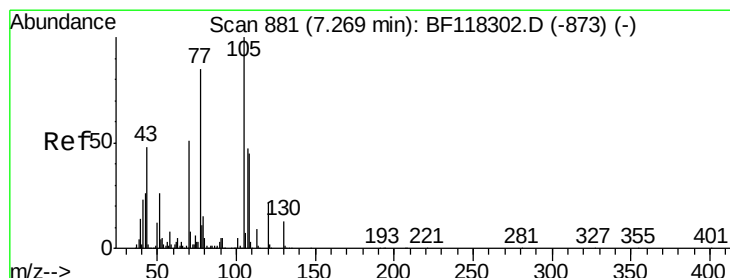
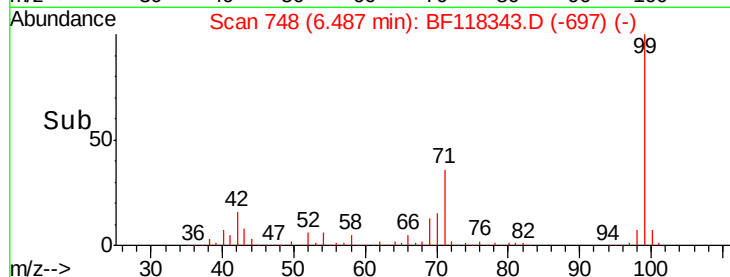
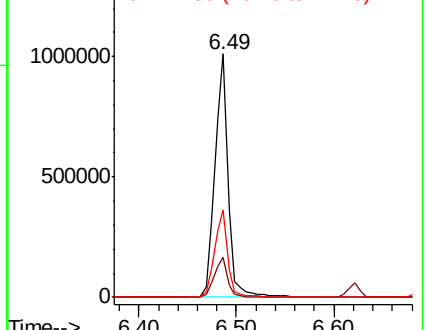


Abundance

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: 12.315 ng

RT: 7.42 min Scan# 906

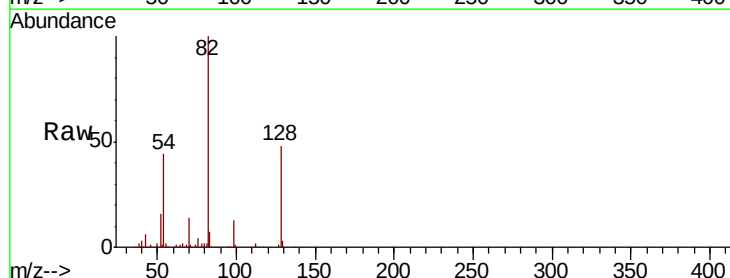
Delta R.T. 0.15 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Tgt Ion: 70 Resp: 78364

Ion	Ratio	Lower	Upper
70	100		
42	42.5	41.1	61.7
101	0.0	8.3	12.5#
130	2.4	20.1	30.1#



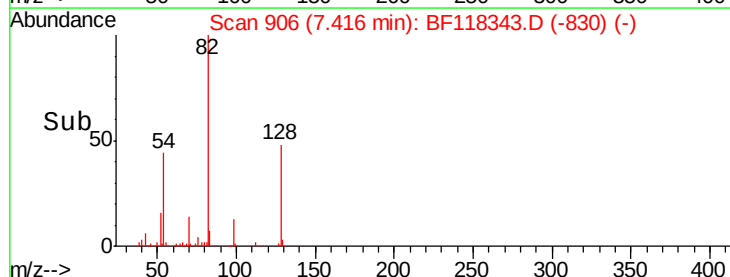
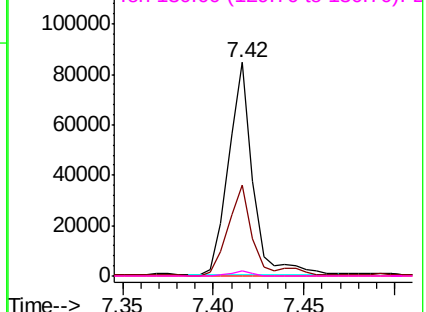
Abundance

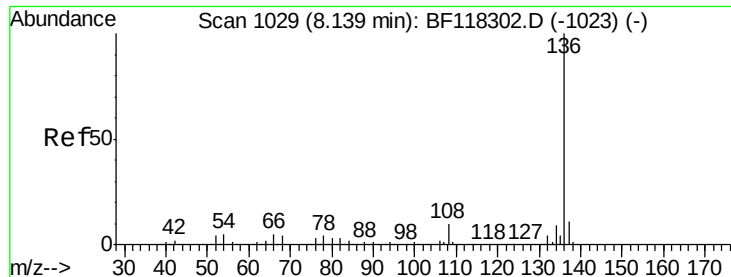
Ion 70.00 (69.70 to 70.70): BF1

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

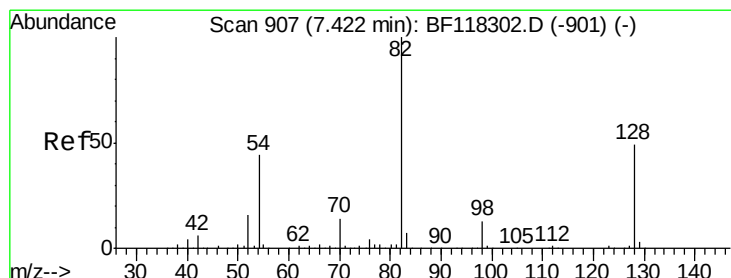
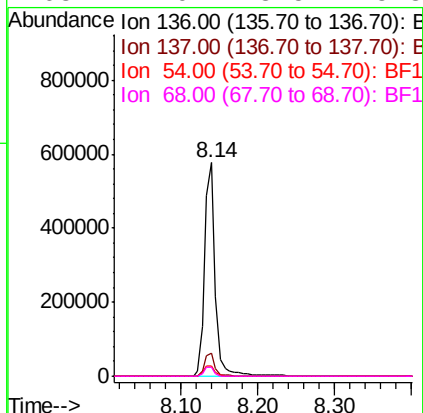
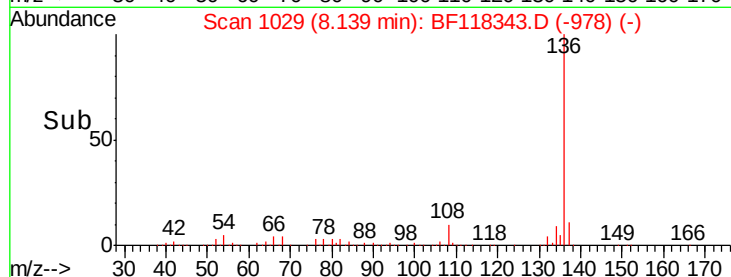
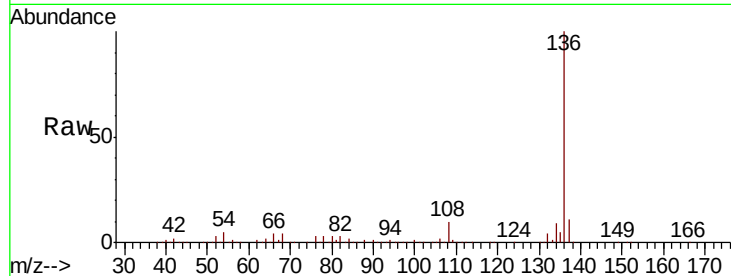




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

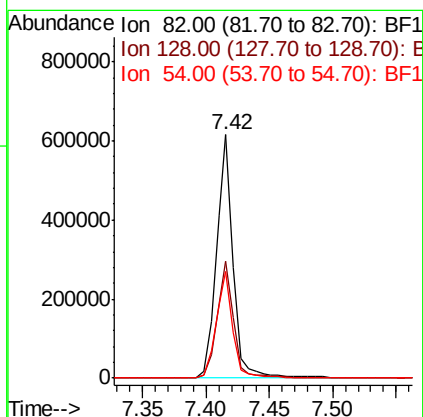
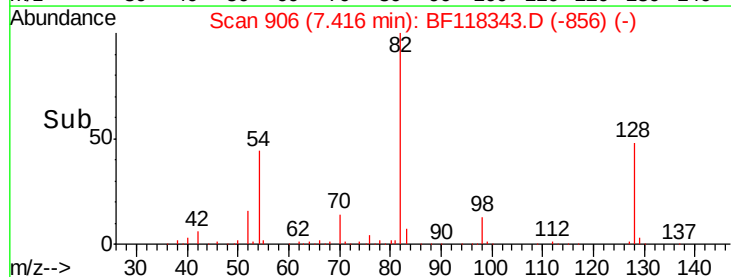
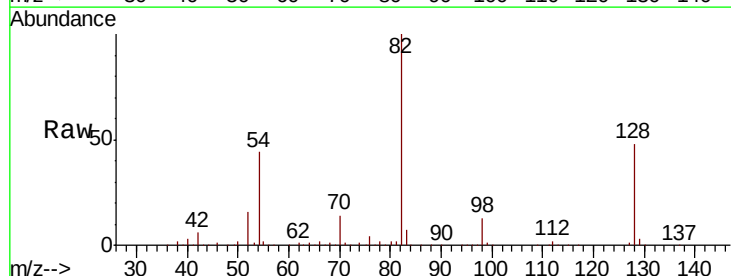
Instrument :
BNA_F
ClientSampleId :

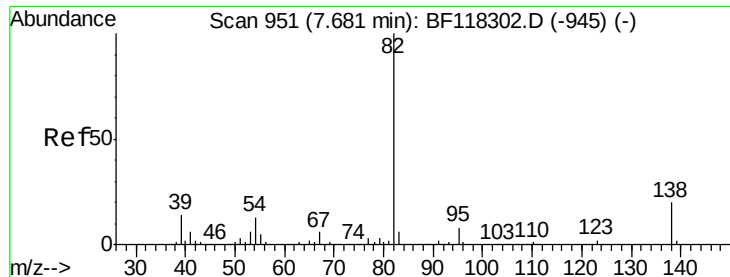
Tot Ion:136	Resp:	557659
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 5.1	4.2	6.4
68 4.0	3.5	5.3



#23
Nitrobenzene-d5
Concen: 58.623 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

Tgt Ion: 82	Resp: 571585
Ion Ratio	Lower Upper
82 100	
128 48.0	39.6 59.4
54 43.7	34.9 52.3





#25

Isophorone

Concen: 33.409 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.26 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

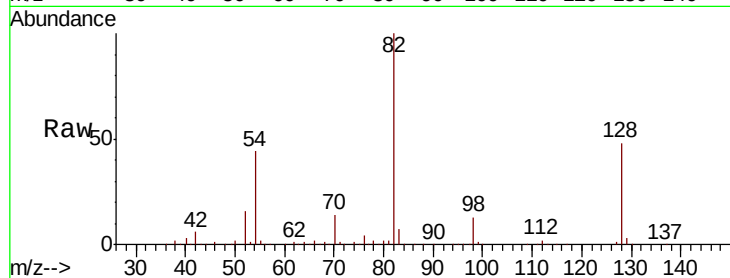
Tot Ion: 82 Resp: 567699

Ion Ratio Lower Upper

82 100

95 0.1 6.3 9.5#

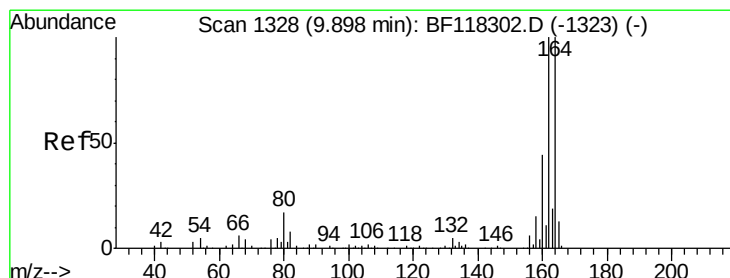
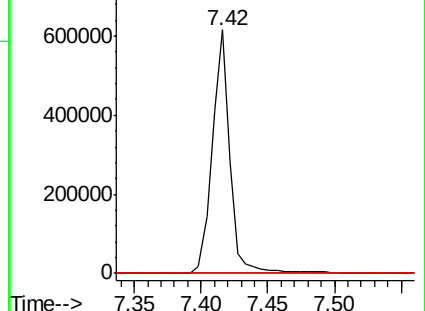
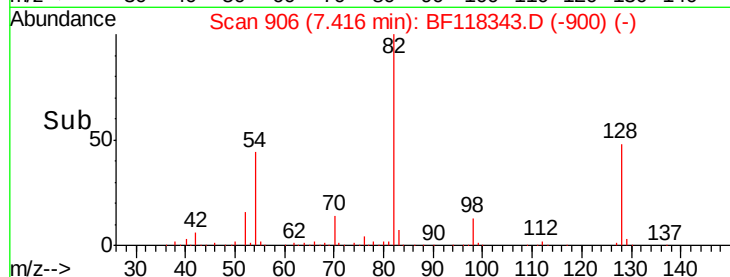
138 0.0 16.2 24.2#



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: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

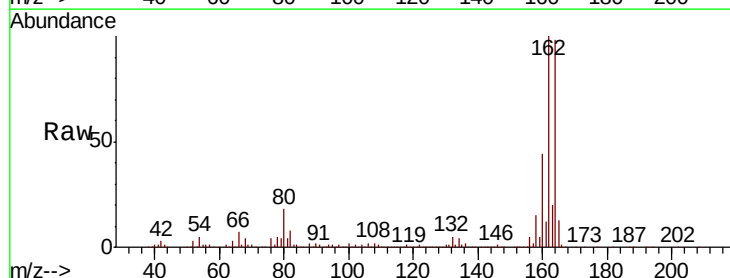
Tgt Ion:164 Resp: 296103

Ion Ratio Lower Upper

164 100

162 102.5 80.0 120.0

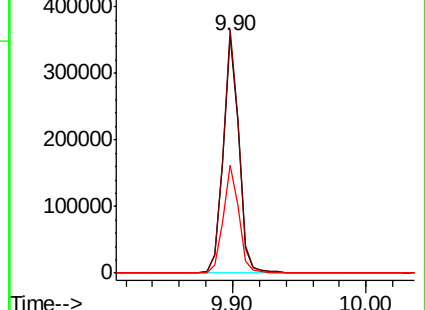
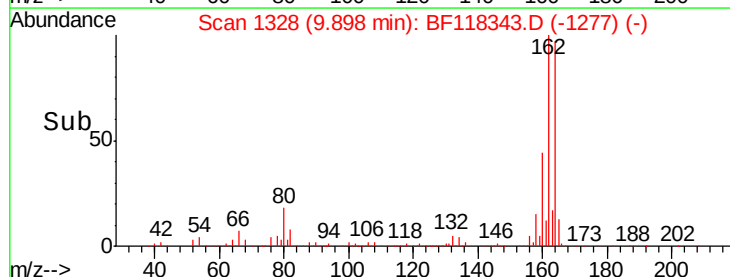
160 45.4 34.8 52.2

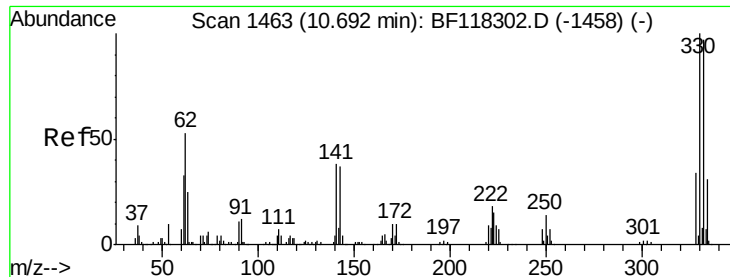


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

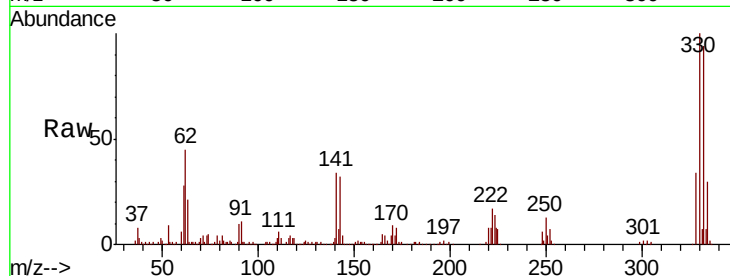




#42
 2,4,6-Tribromophenol
 Concen: 81.317 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	76.6	114.8
141	32.6	26.0	39.0

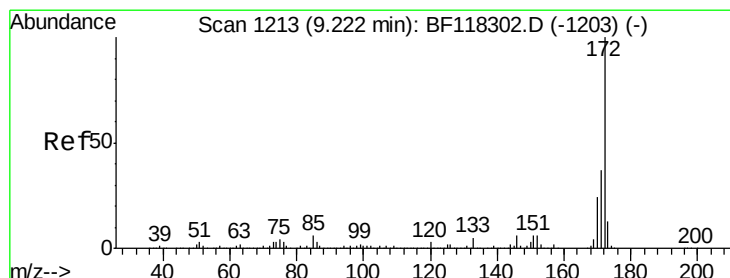
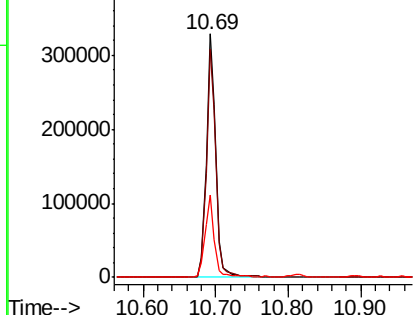
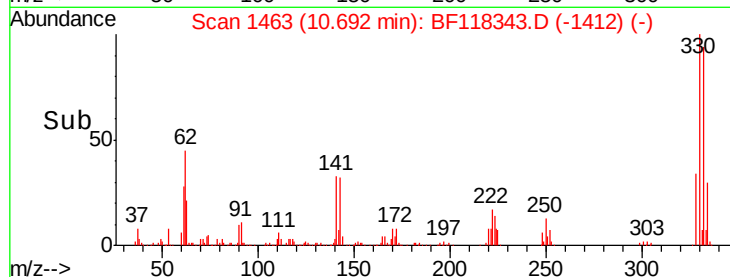


Abundance

Ion 329.80 (329.50 to 330.50): E

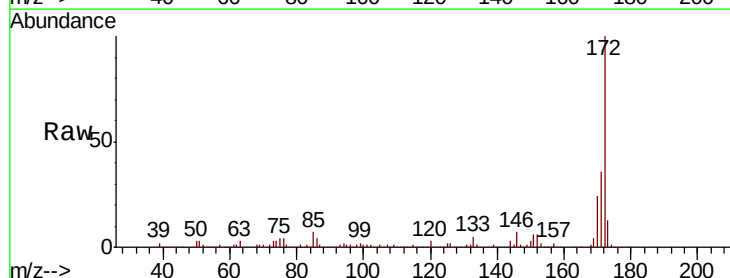
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.063 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118343.D
 Acq: 27 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.3	43.9
170	23.5	19.2	28.8

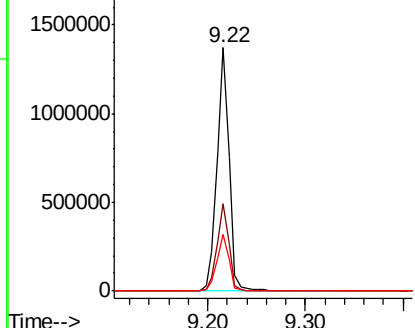
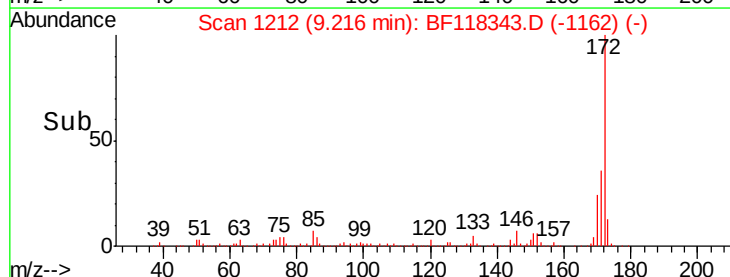


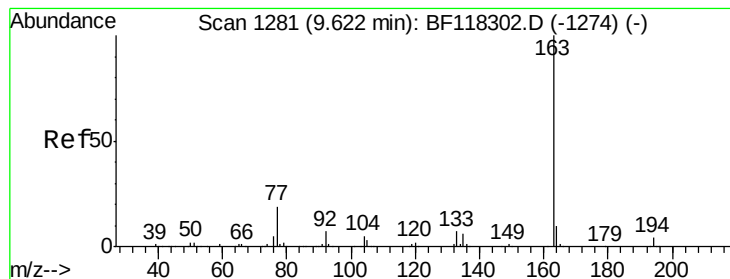
Abundance

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: 7.121 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampled :

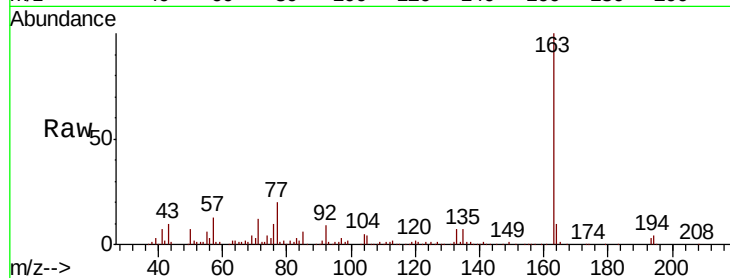
Tot Ion:163 Resp: 158274

Ion Ratio Lower Upper

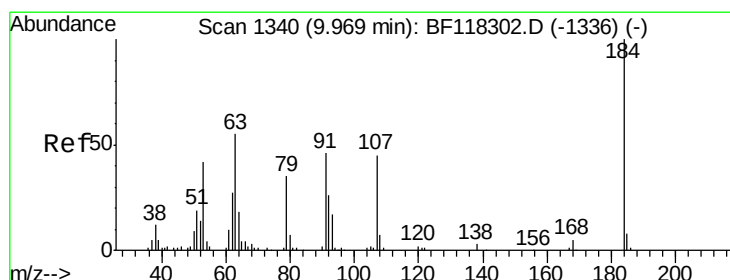
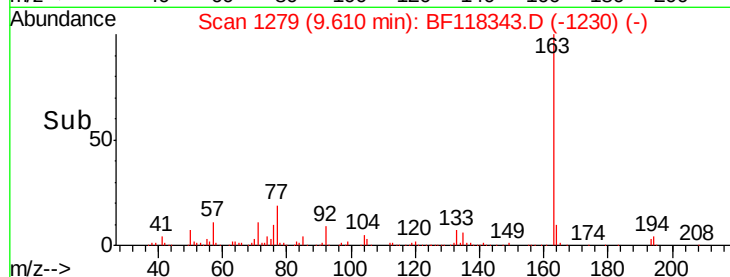
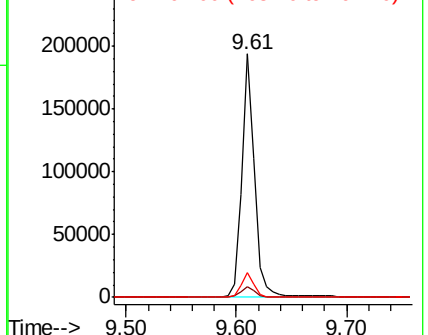
163 100

194 4.2 3.2 4.8

164 10.3 7.9 11.9



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



#54

2,4-Dinitrophenol

Concen: 5.357 ng

RT: 10.18 min Scan# 1376

Delta R.T. 0.21 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

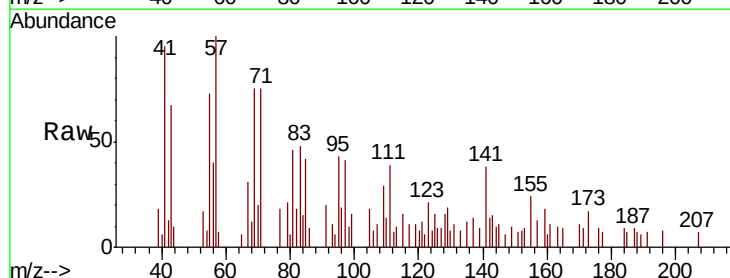
Tgt Ion:184 Resp: 446

Ion Ratio Lower Upper

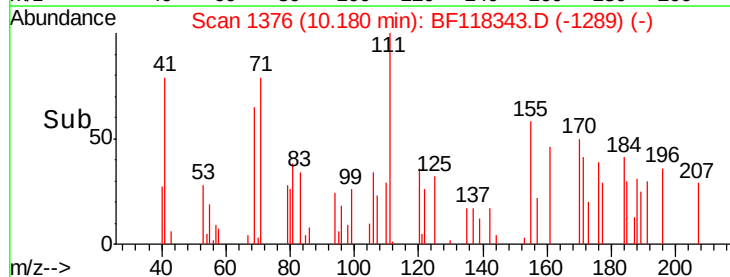
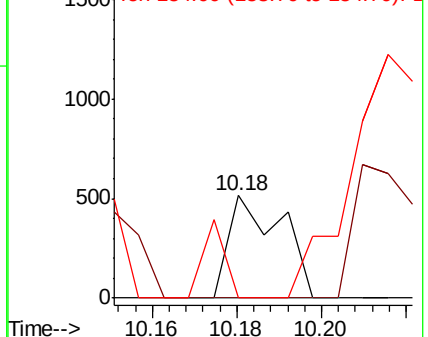
184 100

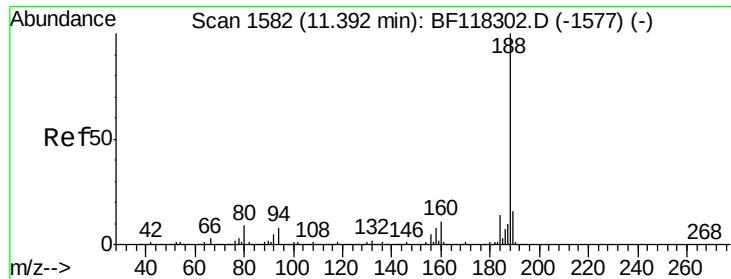
63 0.0 48.8 73.2#

154 0.0 55.0 82.4#



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

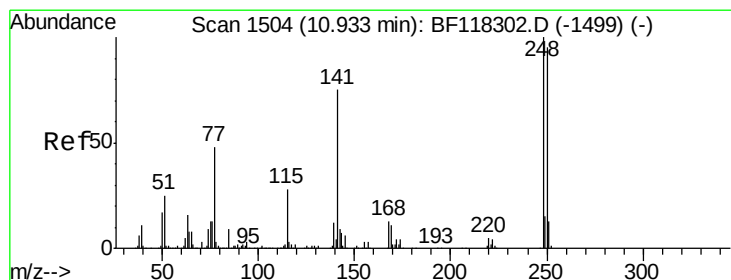
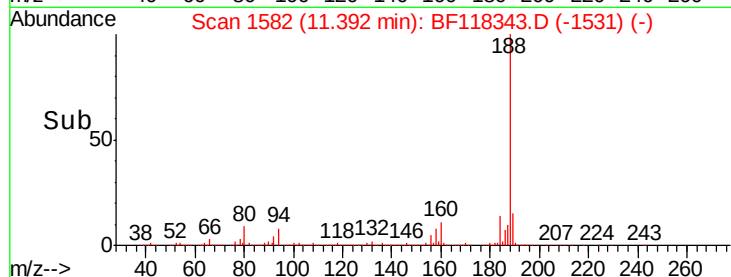
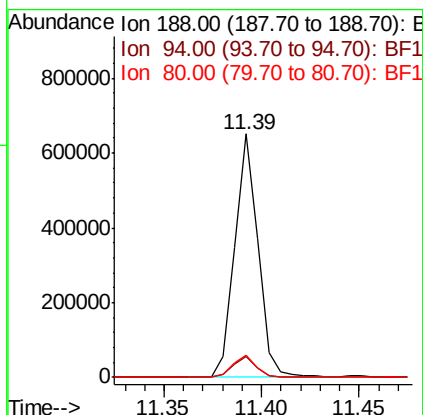
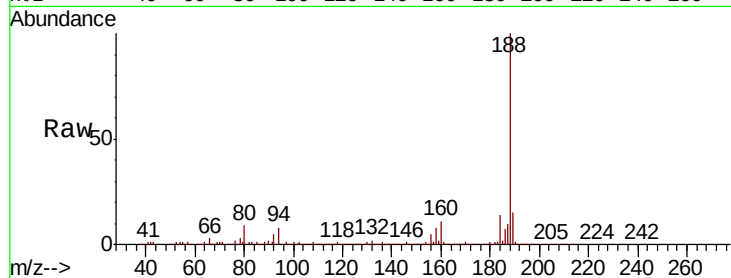




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

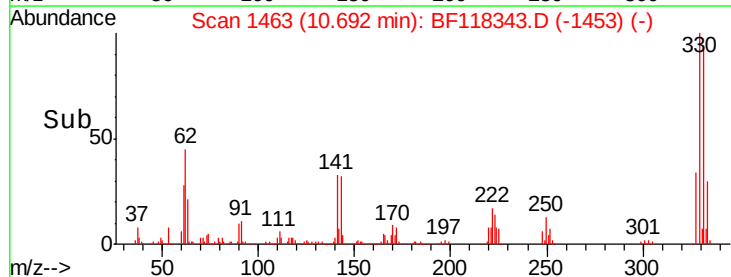
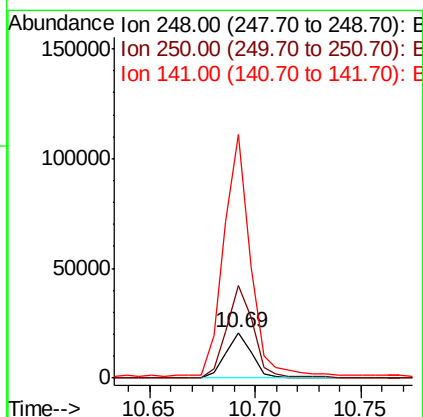
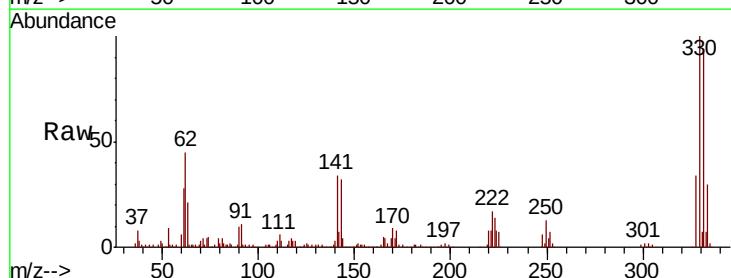
Instrument :
BNA_F
ClientSampleId :

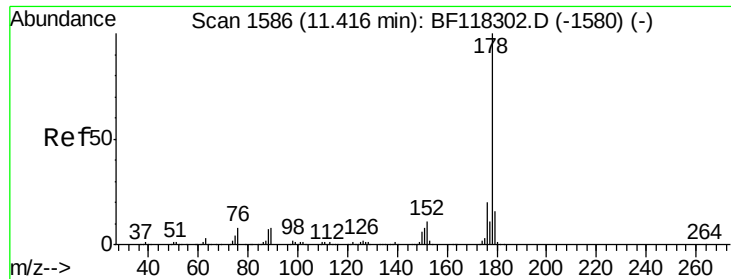
Tot Ion:188 Resp: 539146
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 8.9 7.2 10.8



#67
4-Bromophenyl-phenylether
Concen: 2.800 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.24 min
Lab File: BF118343.D
Acq: 27 Dec 2019 17:43

Tgt Ion:248 Resp: 17668
Ion Ratio Lower Upper
248 100
250 202.9 76.4 114.6#
141 536.7 60.2 90.2#





#71

Phenanthrene

Concen: 3.075 ng

RT: 11.42 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampled :

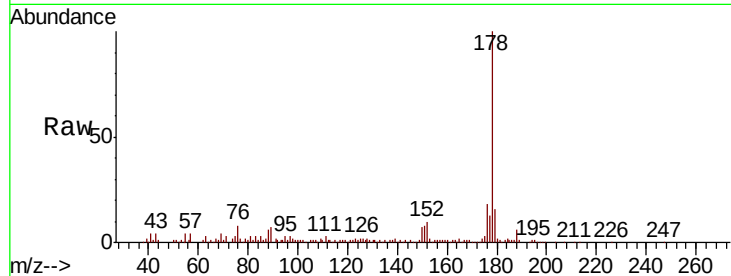
Tot Ion:178 Resp: 90370

Ion Ratio Lower Upper

178 100

176 18.4 15.6 23.4

179 15.6 12.6 19.0

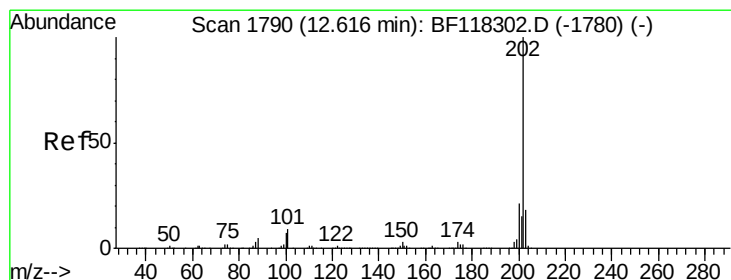
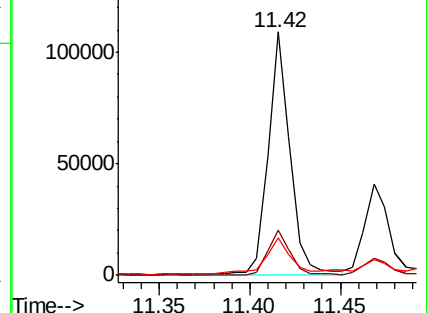
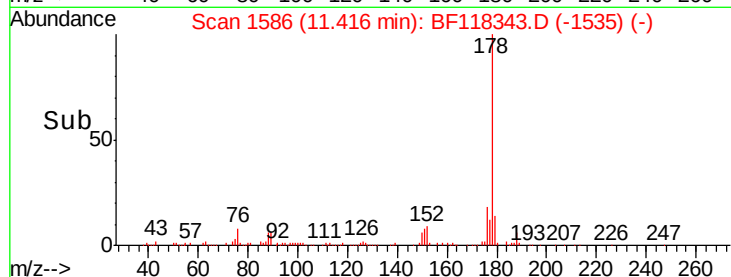


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.593 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

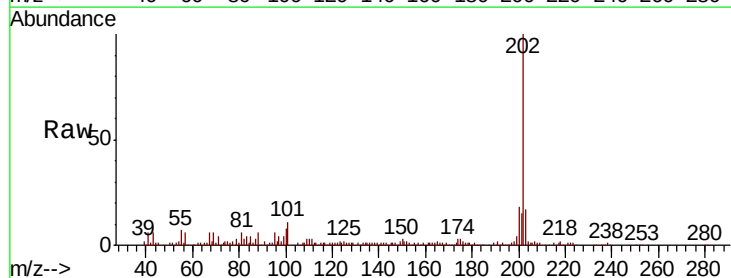
Tgt Ion:202 Resp: 106575

Ion Ratio Lower Upper

202 100

101 10.9 0.0 29.5

203 17.0 0.0 37.6

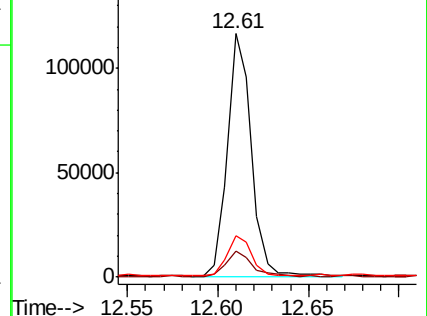
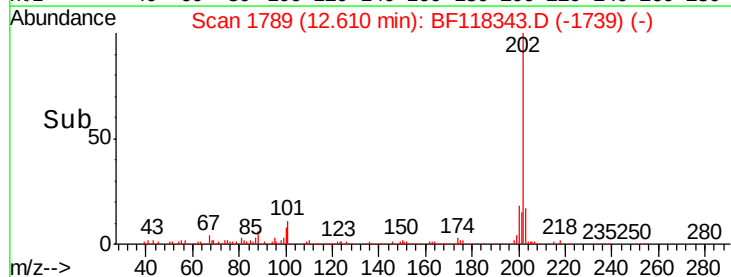


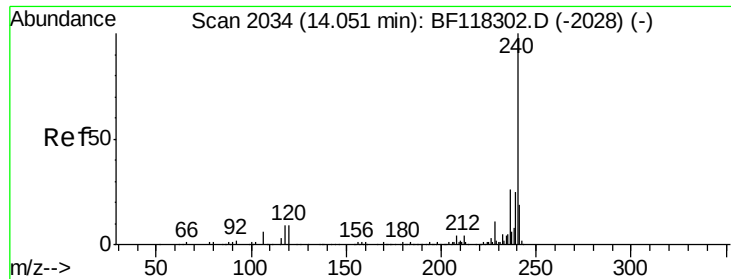
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

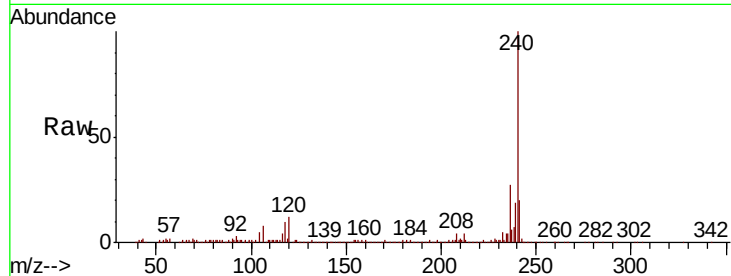
Tot Ion:240 Resp: 345335

Ion Ratio Lower Upper

240 100

120 11.9 7.1 10.7#

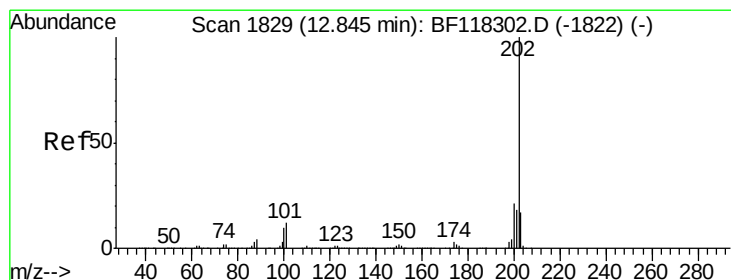
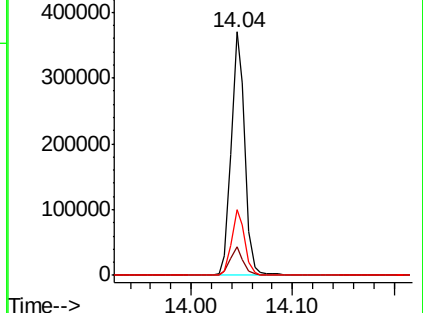
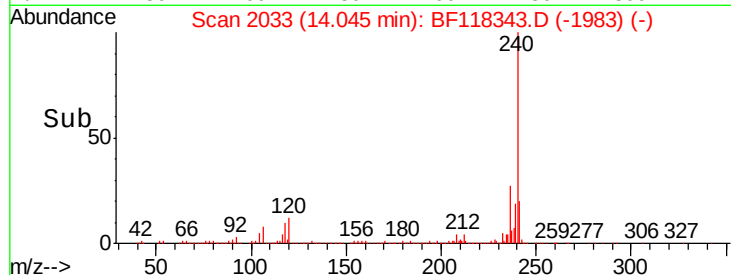
236 26.7 21.0 31.6



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



#78

Pyrene

Concen: 3.045 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

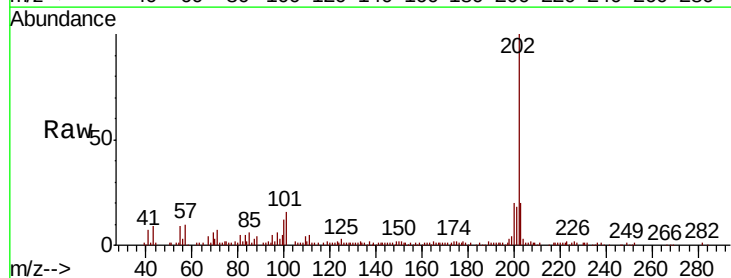
Tgt Ion:202 Resp: 85874

Ion Ratio Lower Upper

202 100

200 19.9 16.8 25.2

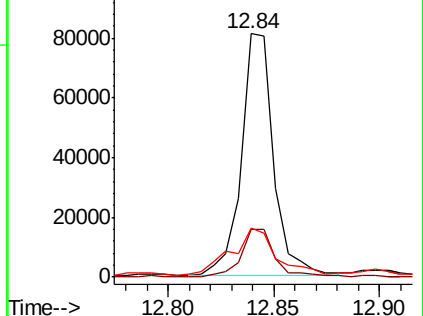
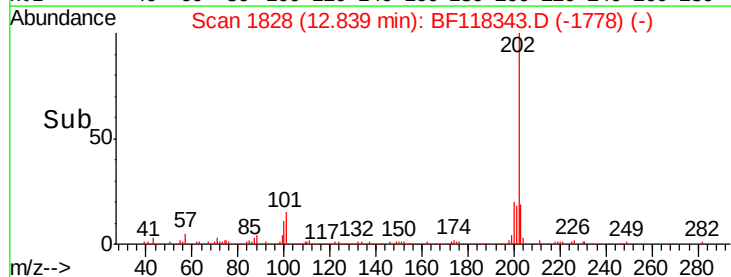
203 20.0 13.9 20.9

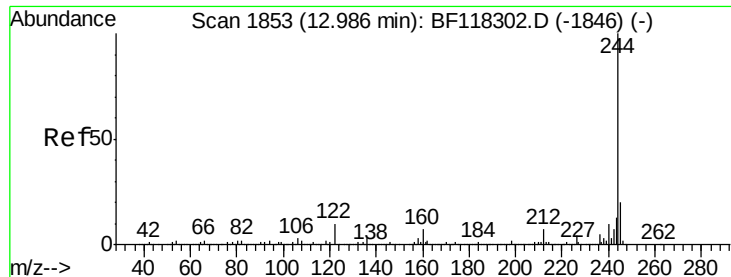


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.612 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1303294

Ion Ratio Lower Upper

244 100

212 7.0

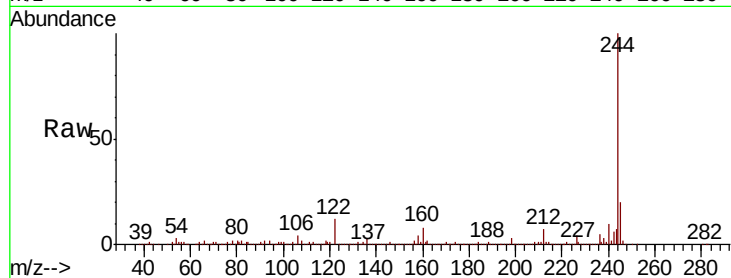
5.4

8.2

122 12.3

7.8

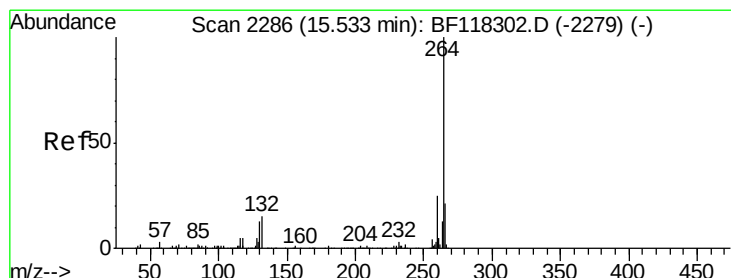
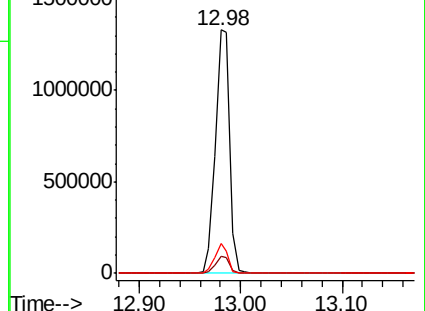
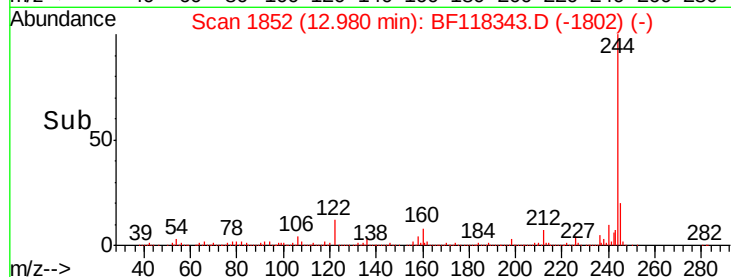
11.8#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF118343.D

Acq: 27 Dec 2019 17:43

Tgt Ion:264 Resp: 361734

Ion Ratio Lower Upper

264 100

260 24.2

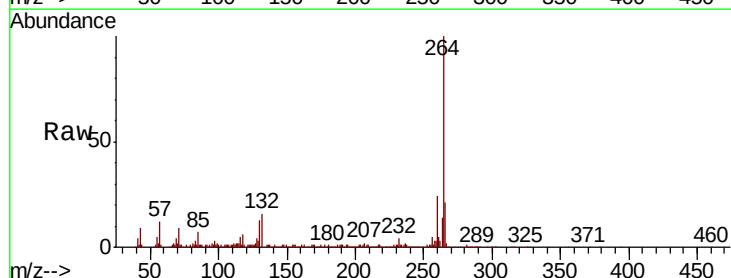
19.8

29.6

265 21.1

17.0

25.4



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

