

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121919\
 Data File : BF118298.D
 Acq On : 20 Dec 2019 00:03
 Operator : JU
 Sample : K6370-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 02:16:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

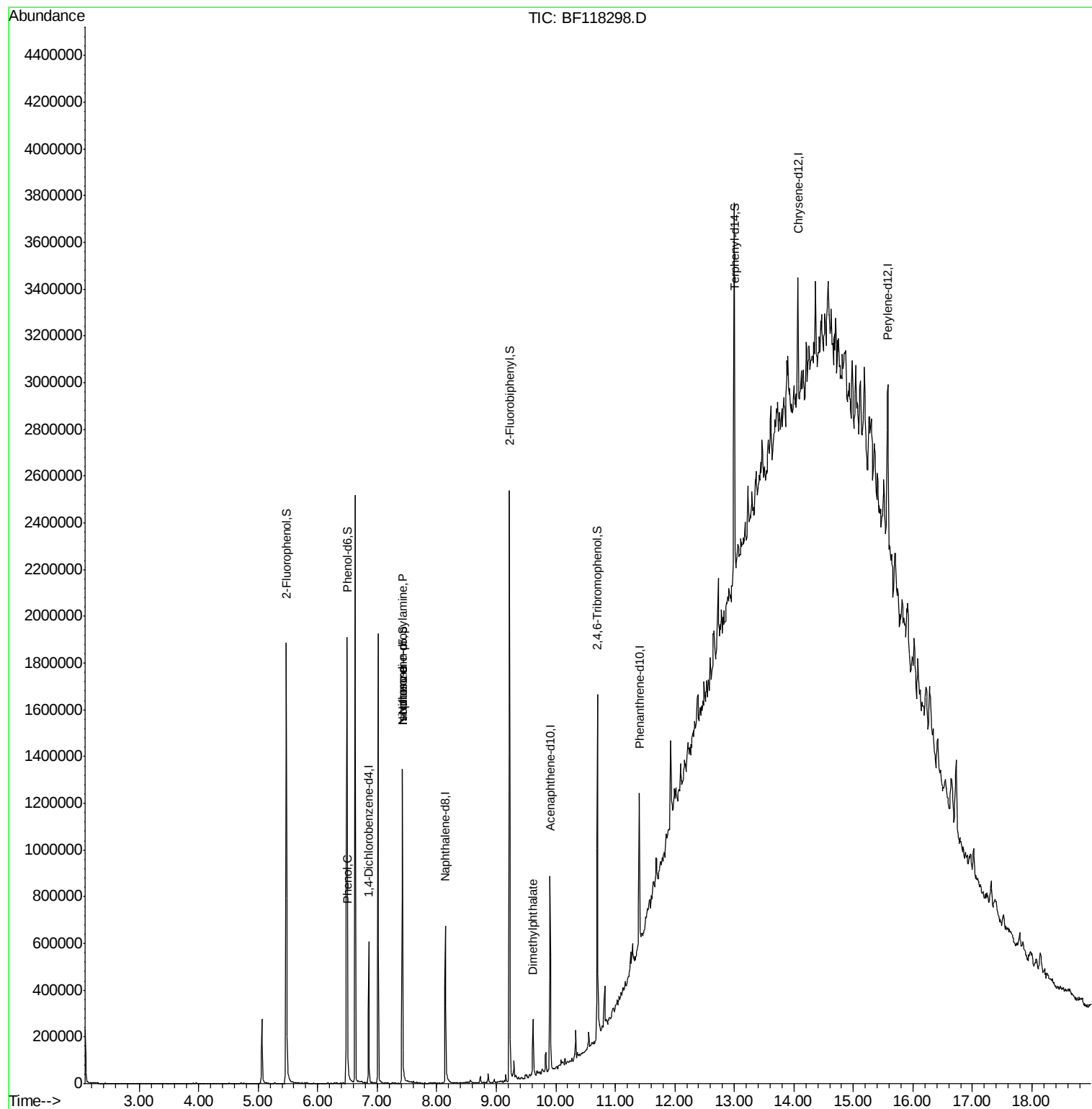
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	84777	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	327547	20.00	ng	-0.01
39) Acenaphthene-d10	9.90	164	162904	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	267777	20.00	ng	0.00
76) Chrysene-d12	14.07	240	198056	20.00	ng	0.00
87) Perylene-d12	15.58	264	228742	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	556270	114.92	ng	0.00
7) Phenol-d6	6.49	99	706736	120.72	ng	0.00
23) Nitrobenzene-d5	7.42	82	418780	71.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.70	330	192052	97.05	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	709167	66.24	ng	-0.02
79) Terphenyl-d14	13.00	244	593705	51.55	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	891	Below Cal		Qvalue 84
10) Phenol	6.50	94	32724	4.901 ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	57006	16.024 ng	#	77
25) Isophorone	7.42	82	418773	42.429 ng	#	62
50) Dimethylphthalate	9.62	163	88467	7.352 ng		100

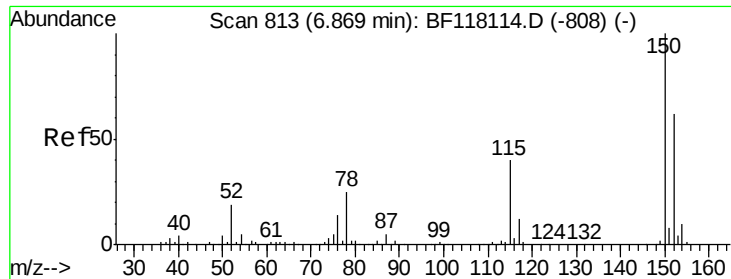
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



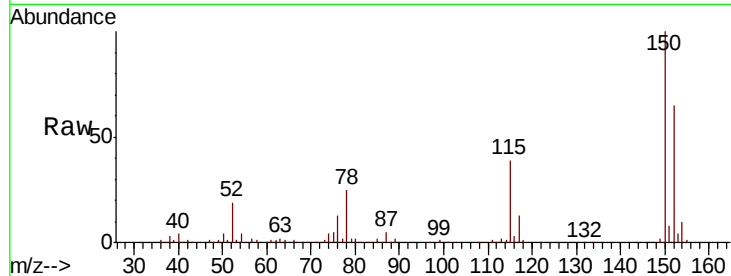


#1

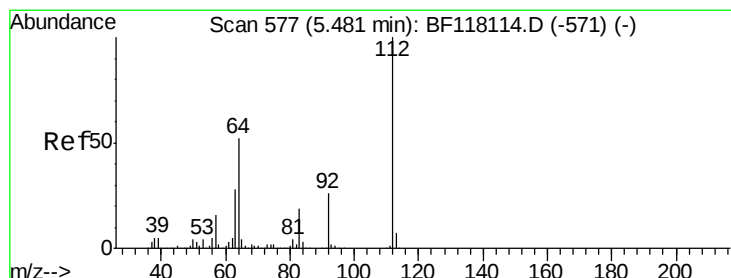
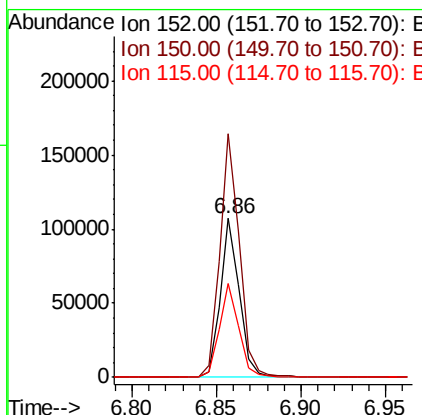
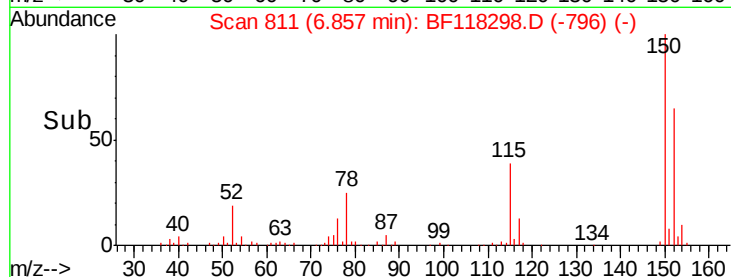
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF118298.D
 Acq: 20 Dec 2019 00:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84777
 Ion Ratio Lower Upper
 152 100
 150 153.6 128.3 192.5
 115 59.5 51.1 76.7



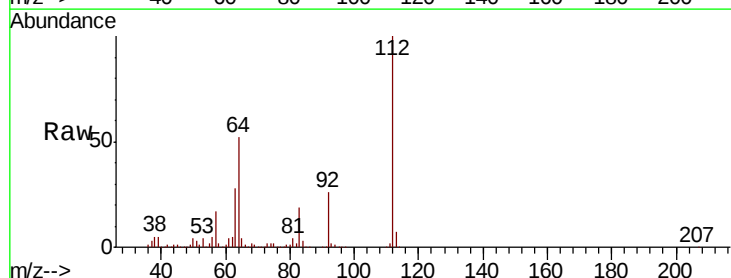
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



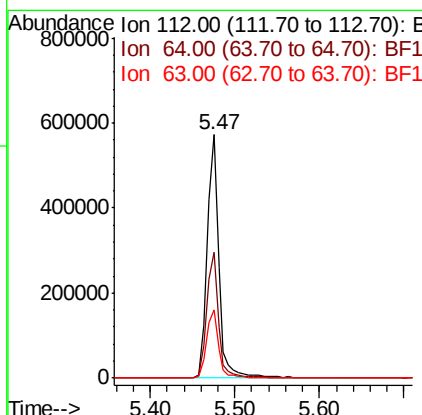
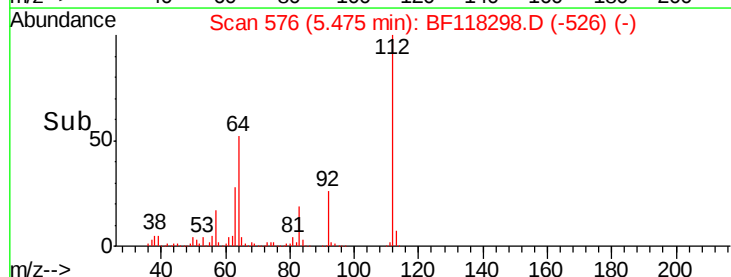
#5

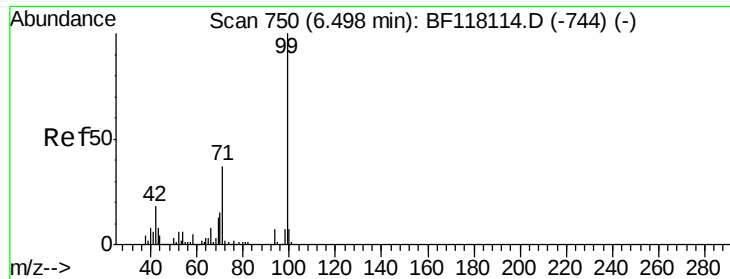
2-Fluorophenol
 Concen: 114.924 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118298.D
 Acq: 20 Dec 2019 00:03

Tgt Ion:112 Resp: 556270
 Ion Ratio Lower Upper
 112 100
 64 51.8 41.3 61.9
 63 28.2 22.4 33.6



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: 120.716 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

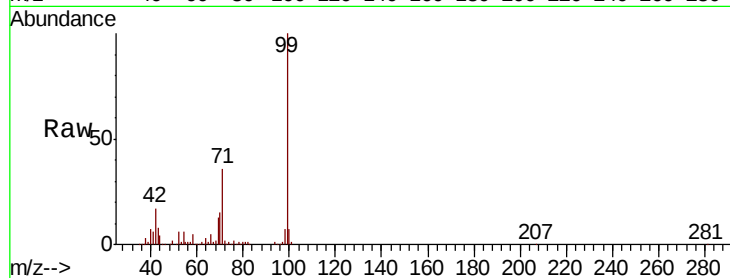
Tot Ion: 99 Resp: 706736

Ion Ratio Lower Upper

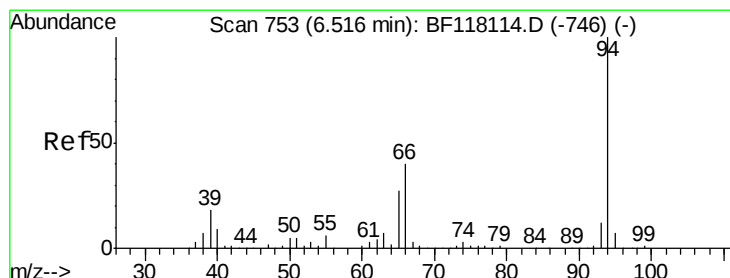
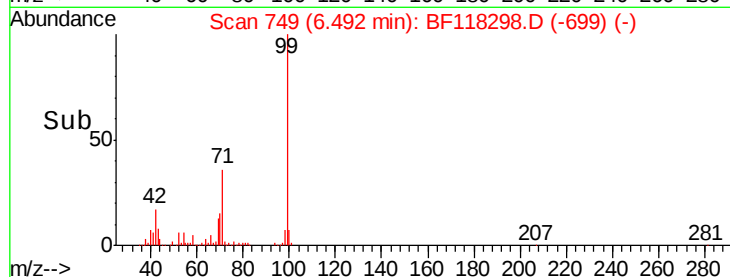
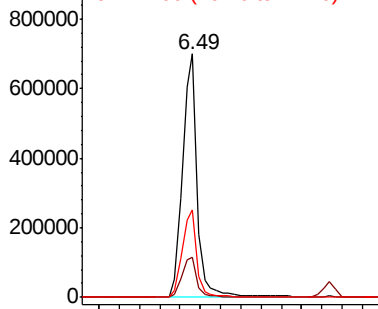
99 100

42 16.7 14.1 21.1

71 35.8 29.7 44.5



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: 4.901 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

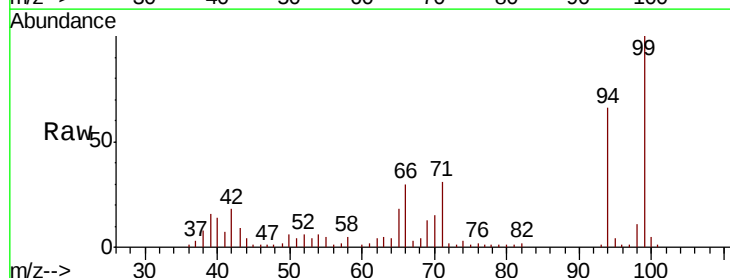
Tgt Ion: 94 Resp: 32724

Ion Ratio Lower Upper

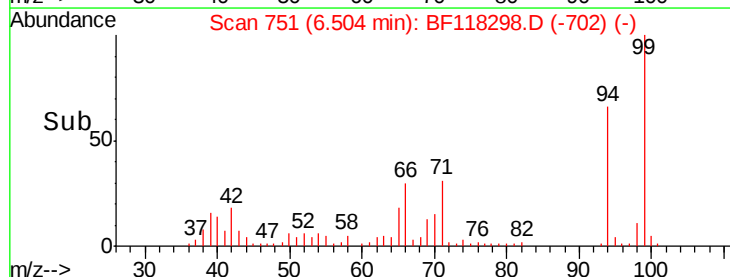
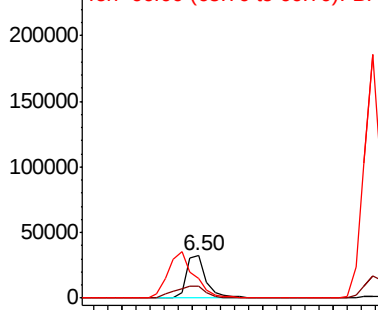
94 100

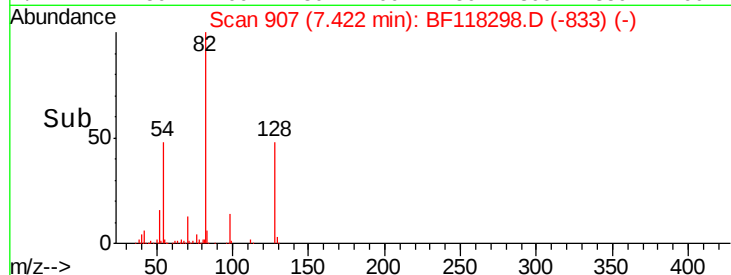
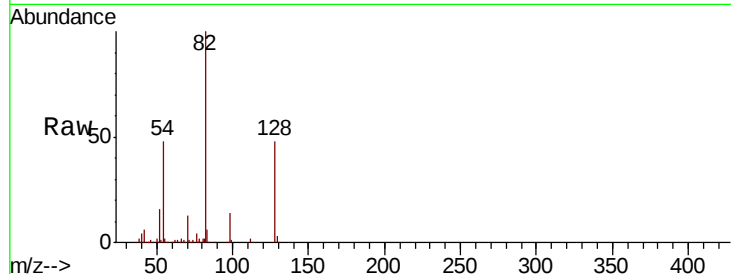
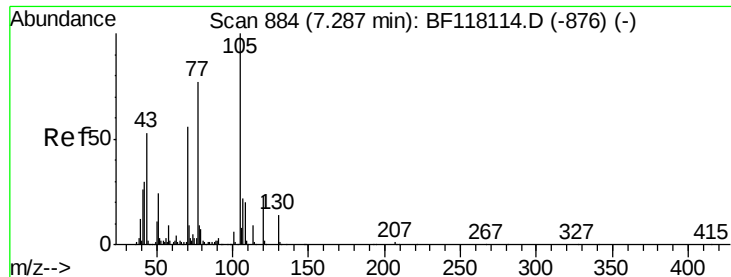
65 27.9 7.3 47.3

66 45.0 20.2 60.2



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

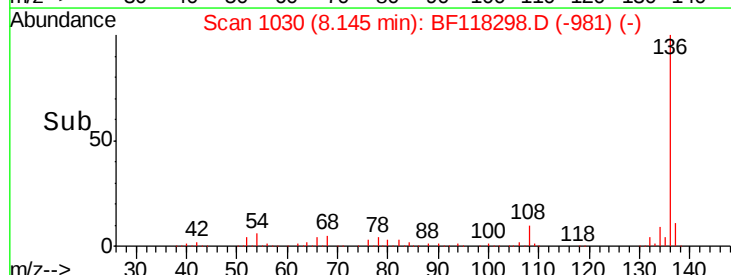
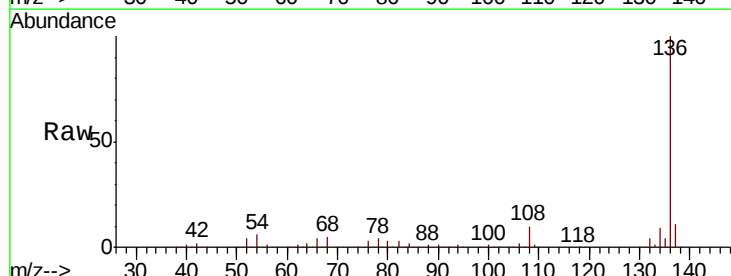
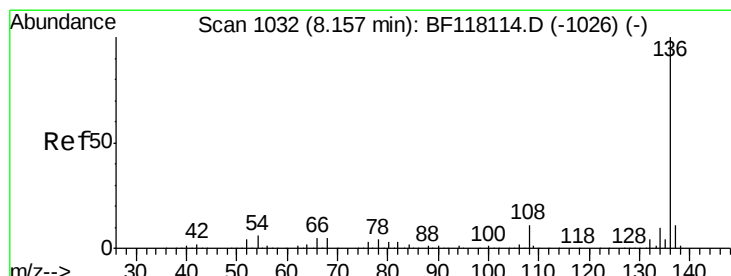
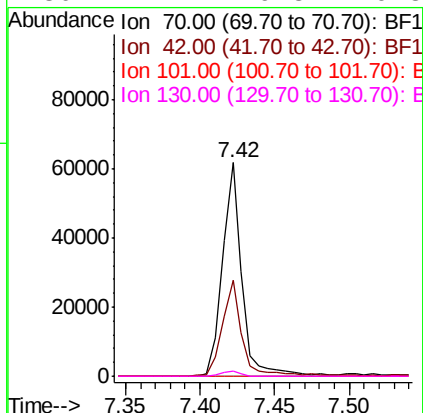




#19
n-Nitroso-di-n-propylamine
Concen: 16.024 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

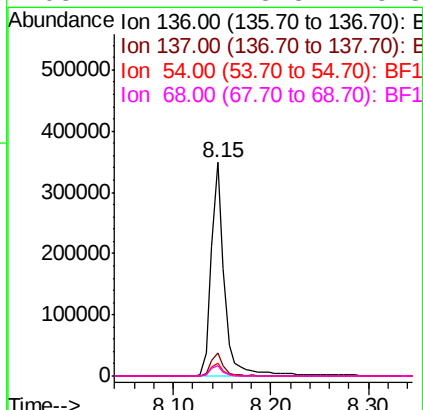
Instrument :
BNA_F
ClientSampleId :

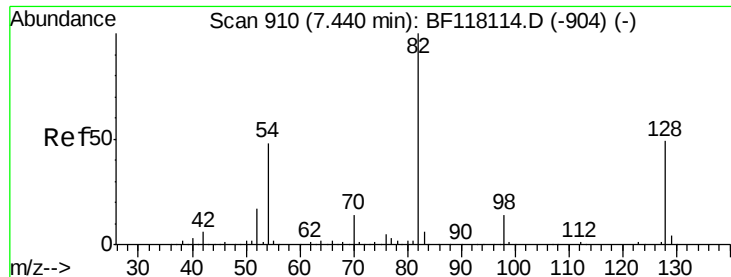
Tot Ion: 70 Resp: 57006
Ion Ratio Lower Upper
70 100
42 45.2 43.2 64.8
101 0.0 8.1 12.1#
130 2.1 19.8 29.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion: 136 Resp: 327547
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.9 5.0 7.6
68 4.7 3.8 5.8

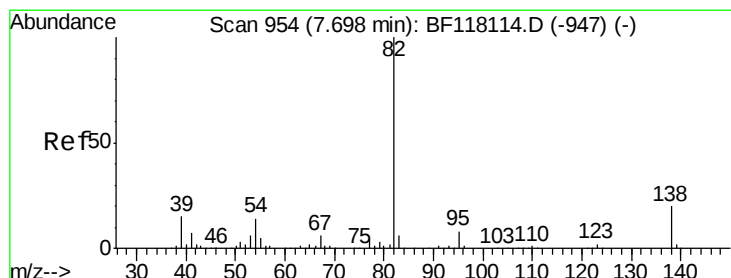
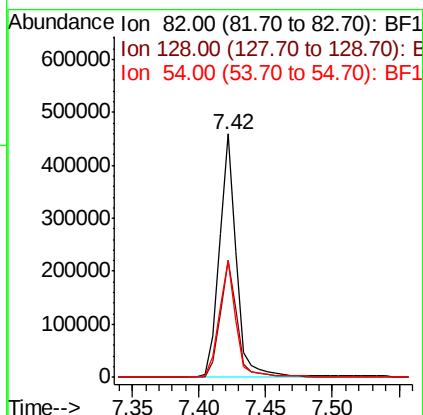
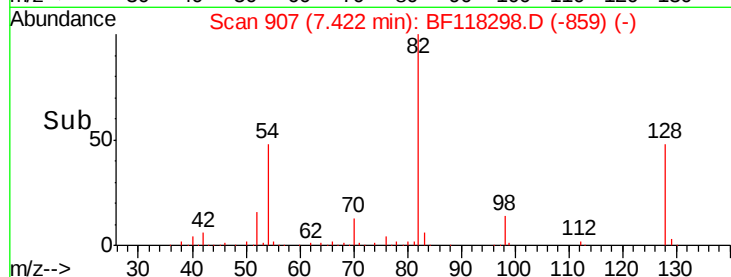
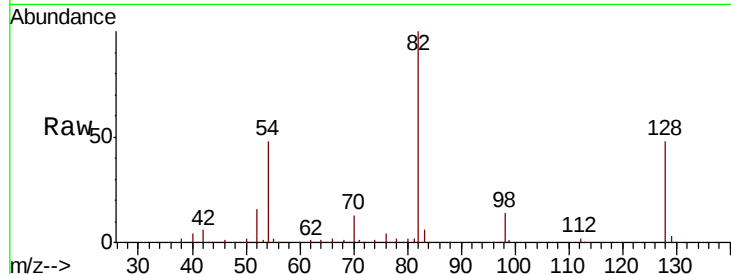




#23
Nitrobenzene-d5
Concen: 71.928 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

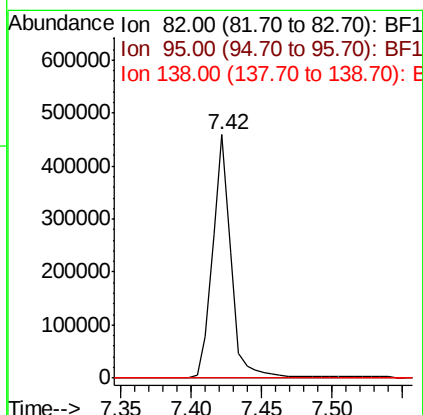
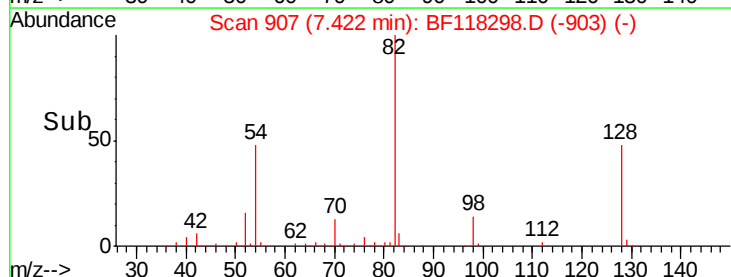
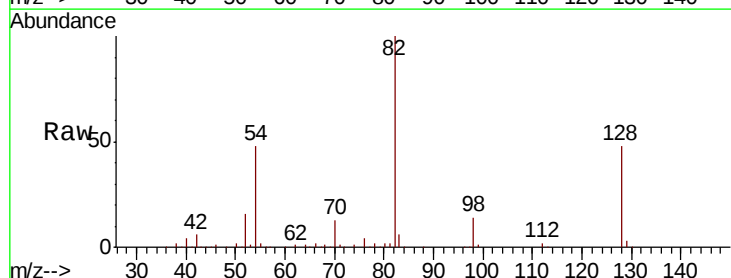
Instrument :
BNA_F
ClientSampled :

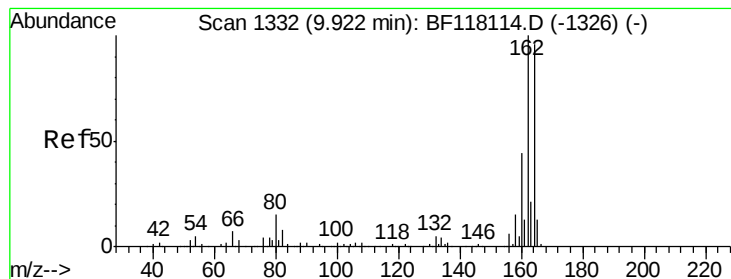
Tot Ion: 82 Resp: 418780
Ion Ratio Lower Upper
82 100
128 48.0 39.1 58.7
54 47.8 38.2 57.2



#25
Isophorone
Concen: 42.429 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.28 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion: 82 Resp: 418773
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 16.3 24.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

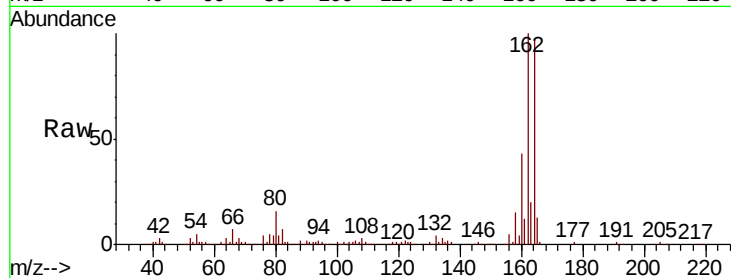
Tot Ion:164 Resp: 162904

Ion Ratio Lower Upper

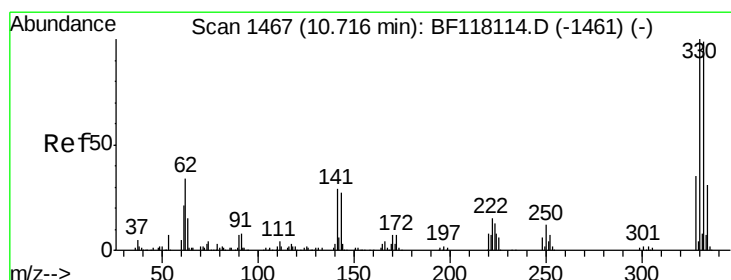
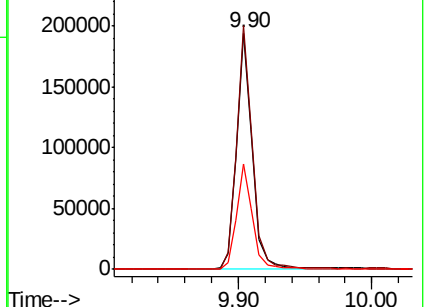
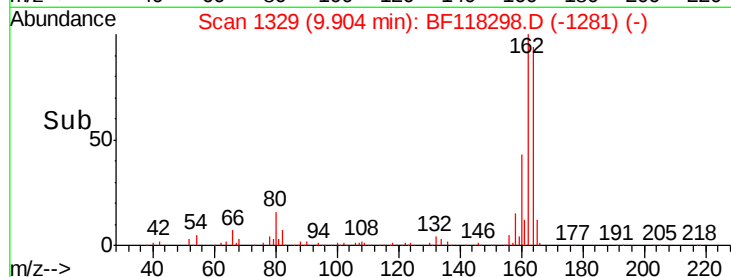
164 100

162 103.1 83.4 125.0

160 44.8 36.6 54.8



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: 97.046 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

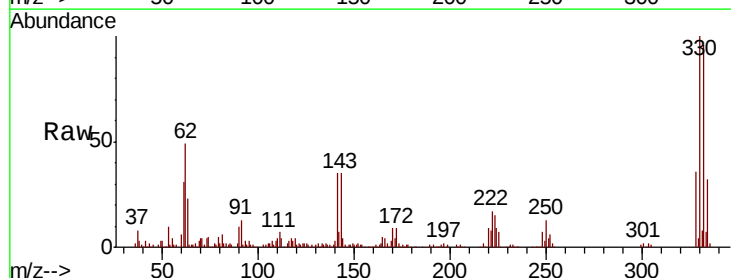
Tgt Ion:330 Resp: 192052

Ion Ratio Lower Upper

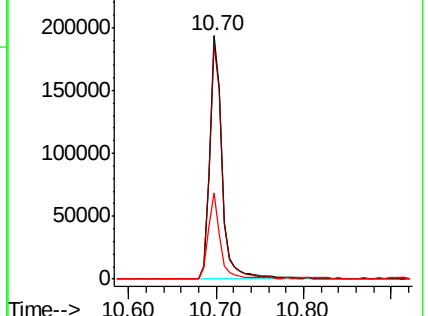
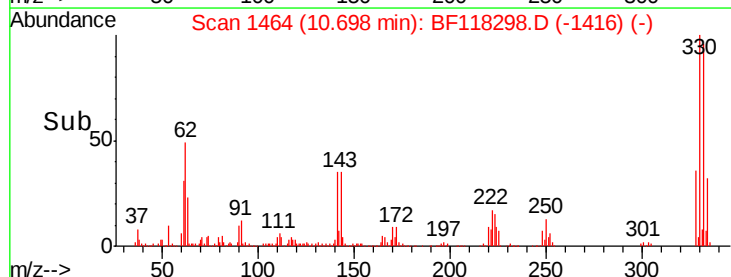
330 100

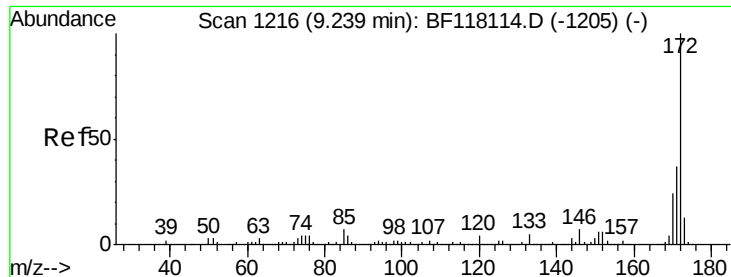
332 97.8 78.1 117.1

141 33.8 26.9 40.3



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

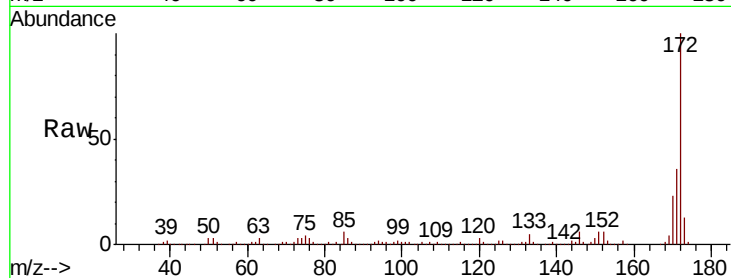




#45
2-Fluorobiphenyl
Concen: 66.242 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.02 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.3	19.4	29.2

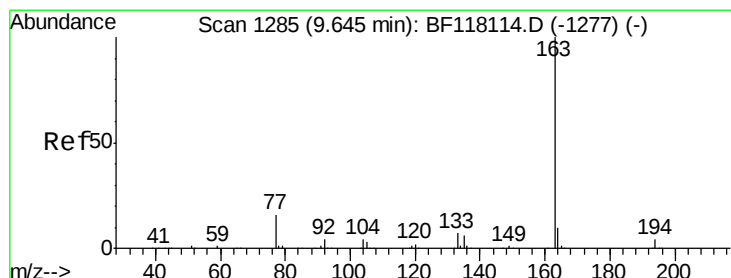
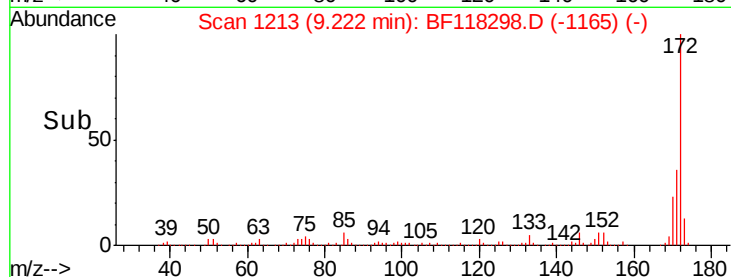
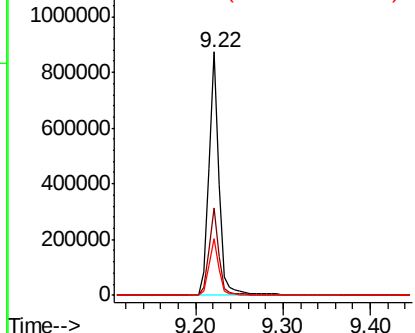


Abundance

Ion 172.00 (171.70 to 172.70): E

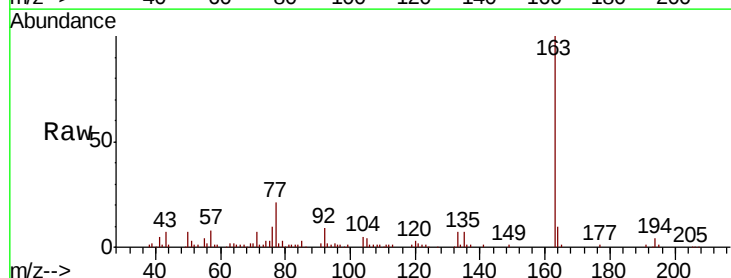
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50
Dimethylphthalate
Concen: 7.352 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.03 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.7	7.7	11.5

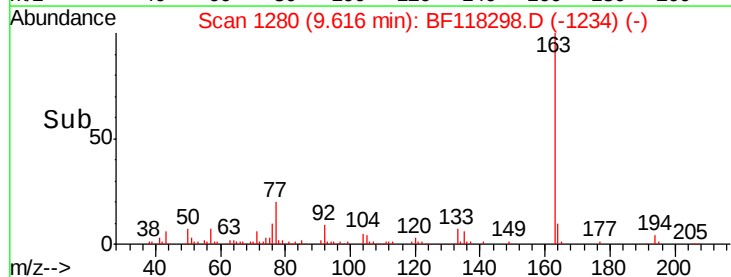
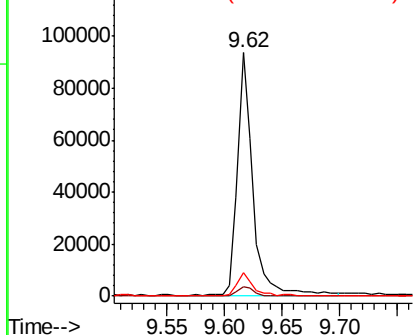


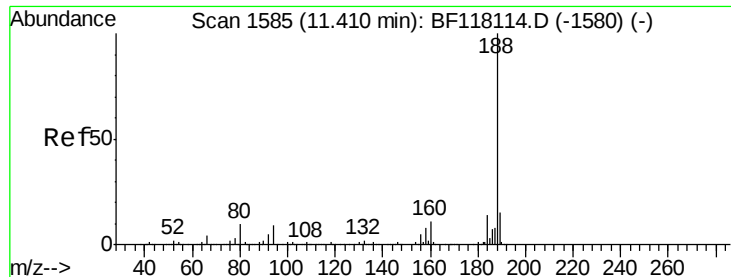
Abundance

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

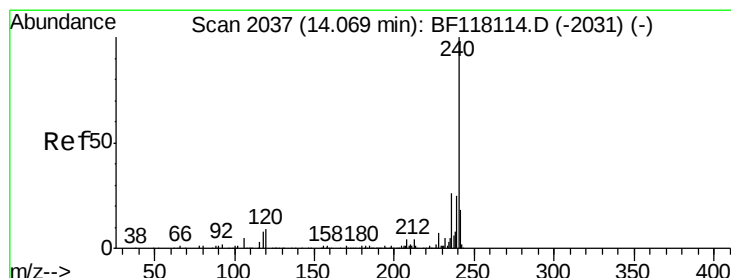
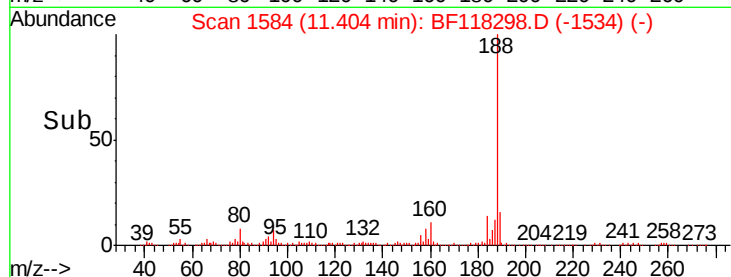
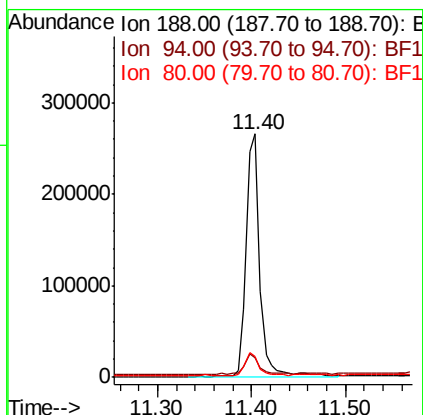
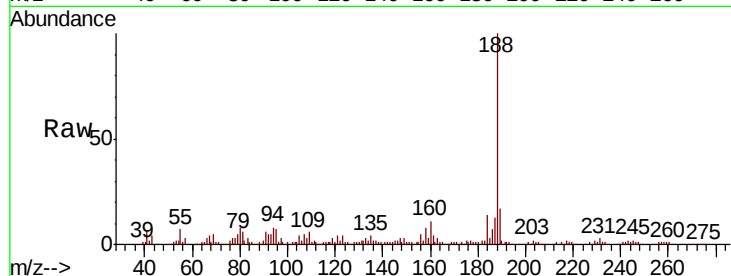




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

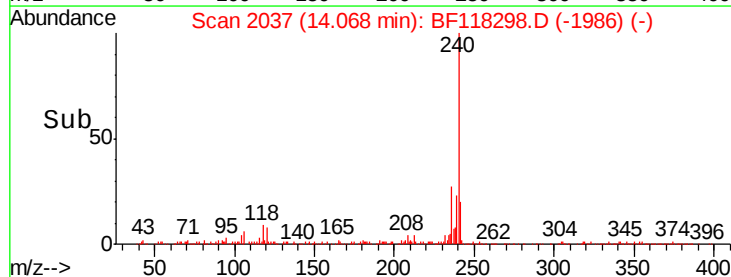
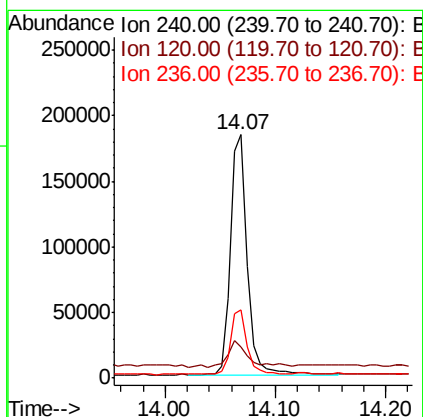
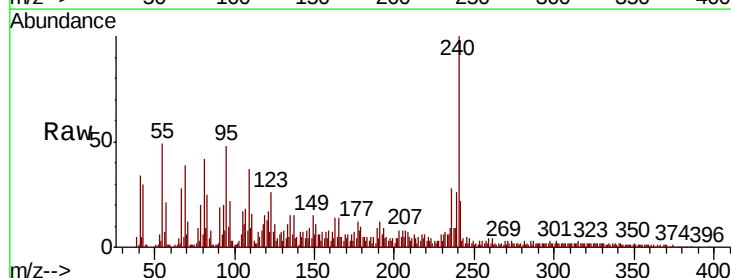
Instrument :
BNA_F
ClientSampleId :

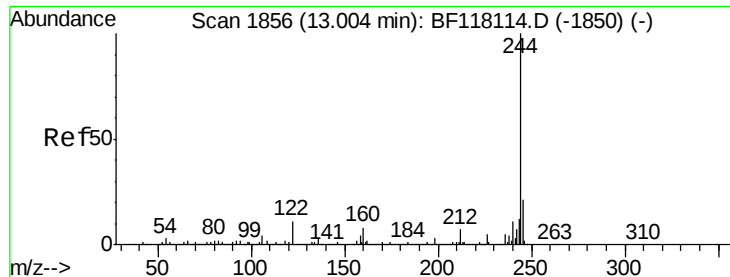
Tot Ion:188 Resp: 267777
Ion Ratio Lower Upper
188 100
94 8.3 7.1 10.7
80 8.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118298.D
Acq: 20 Dec 2019 00:03

Tgt Ion:240 Resp: 198056
Ion Ratio Lower Upper
240 100
120 12.9 7.1 10.7#
236 28.0 21.0 31.6





#79

Terphenyl-d14

Concen: 51.549 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

Instrument :

BNA_F

ClientSampleId :

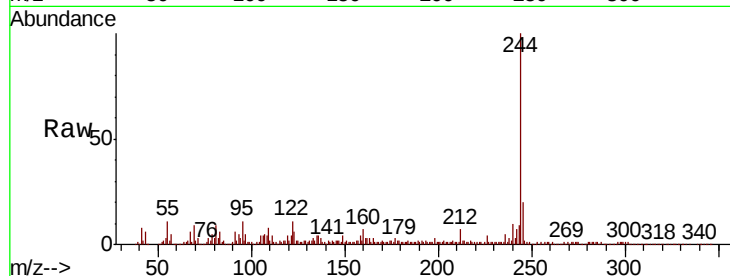
Tot Ion:244 Resp: 593705

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.8 9.0 13.6



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

800000

600000

400000

200000

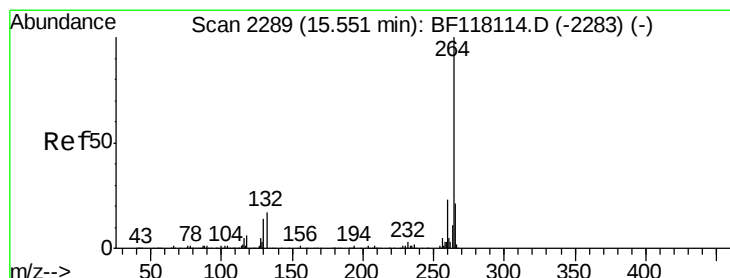
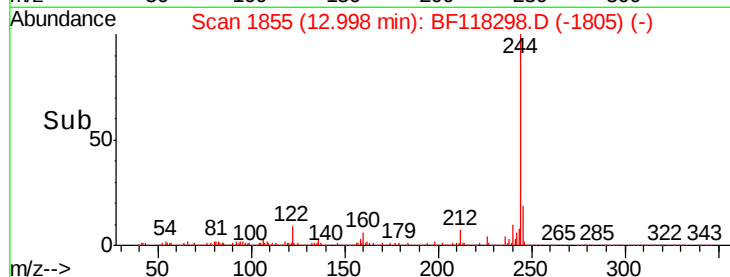
0

13.00

12.90

13.10

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.03 min

Lab File: BF118298.D

Acq: 20 Dec 2019 00:03

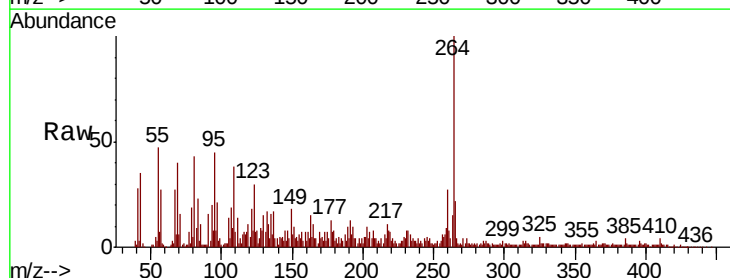
Tgt Ion:264 Resp: 228742

Ion Ratio Lower Upper

264 100

260 27.0 18.6 28.0

265 22.1 16.8 25.2



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

200000

150000

100000

50000

0

15.58

15.50

15.70

Time-->

