

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020720\
 Data File : BF118854.D
 Acq On : 7 Feb 2020 16:55
 Operator : CG/JU
 Sample : L1434-02 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 03:36:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	178842	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	663149	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	339330	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	548532	20.00	ng	0.00
76) Chrysene-d12	13.98	240	490310	20.00	ng	0.00
87) Perylene-d12	15.42	264	508531	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	222989	23.60	ng	0.00
7) Phenol-d6	6.45	99	39289	3.35	ng	0.00
23) Nitrobenzene-d5	7.37	82	498330	44.79	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	180145	44.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1041958	54.89	ng	-0.01
79) Terphenyl-d14	12.97	244	898140	37.63	ng	0.04

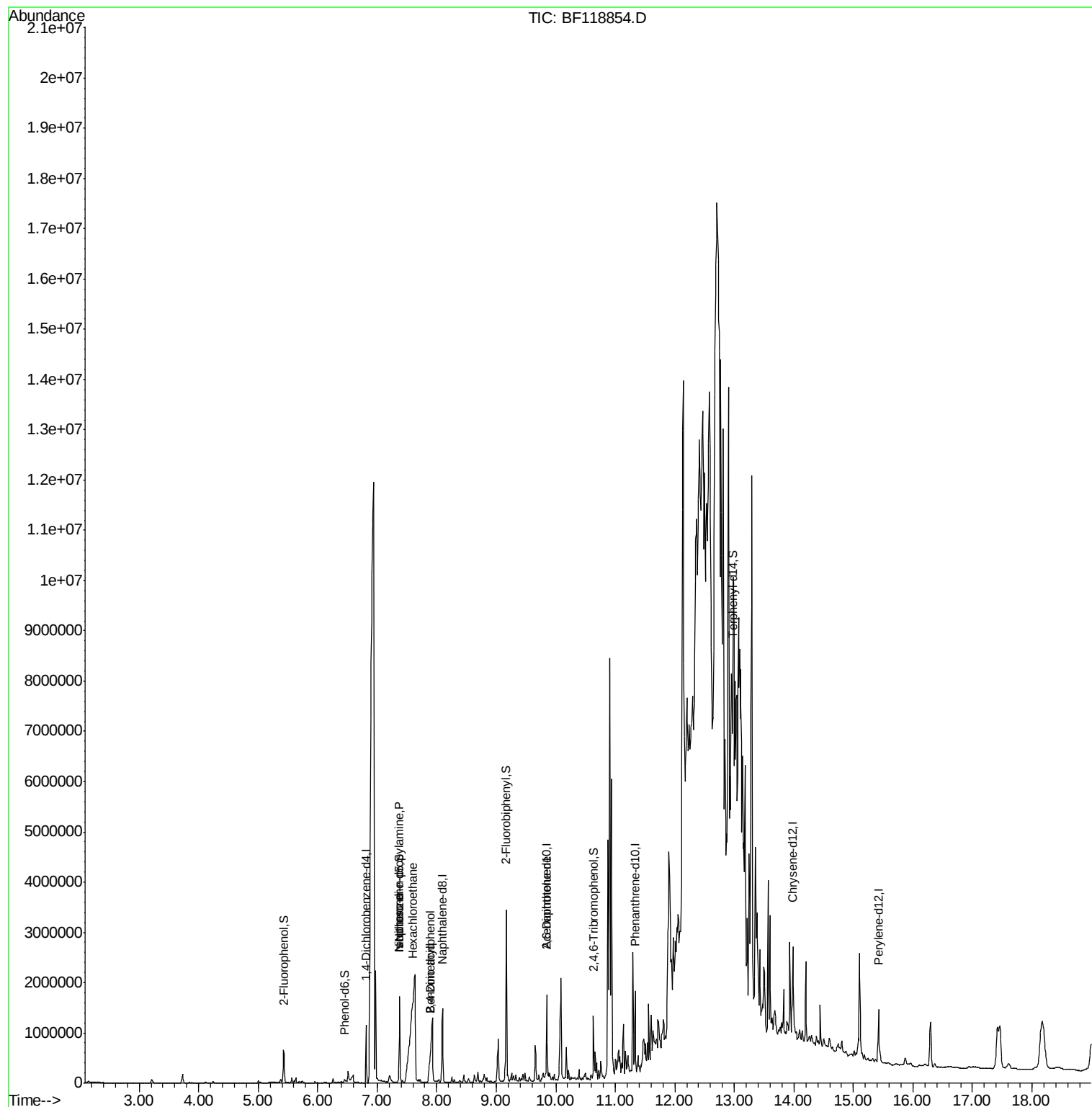
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.36	77	315	Below Cal		# 37
18) Hexachloroethane	7.59	117	12719	2.836	ng	# 4
19) n-Nitroso-di-n-propylamine	7.37	70	67589	9.419	ng	# 78
25) Isophorone	7.37	82	496292	24.820	ng	# 63
27) 2,4-Dimethylphenol	7.88	122	72309	8.988	ng	# 7
32) Benzoic acid	7.88	122	72309	10.856	ng	97
51) 2,6-Dinitrotoluene	9.85	165	48024	9.084	ng	# 31

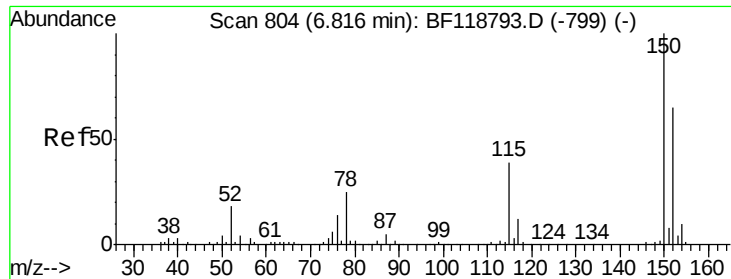
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 03 16:26:03 2020
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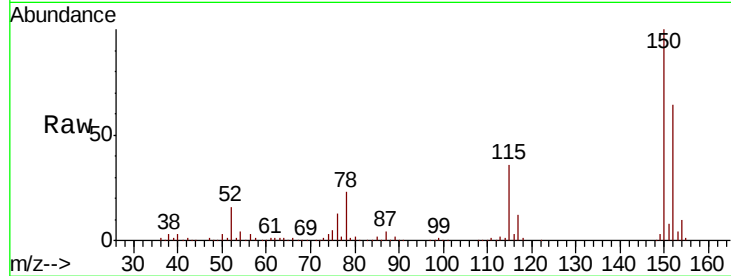


#1

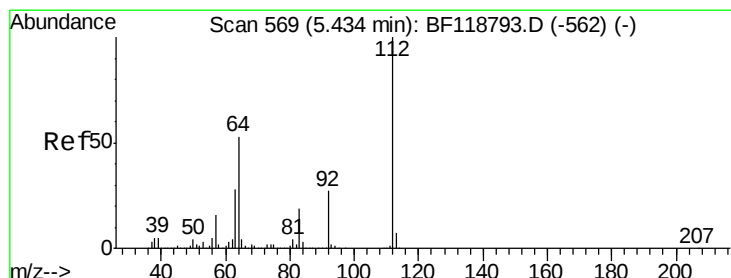
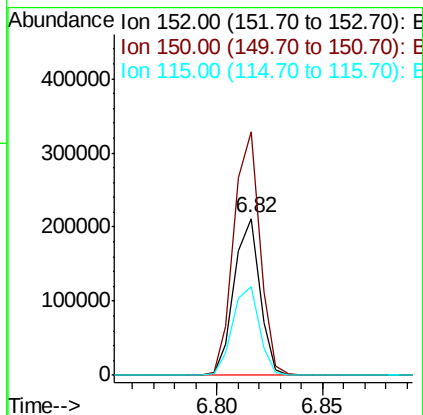
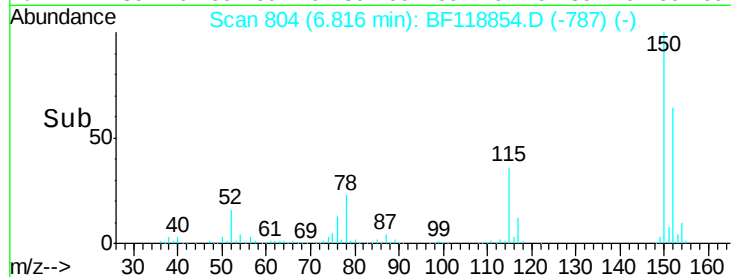
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 178842
Ion Ratio Lower Upper
152 100
150 155.2 123.6 185.4
115 56.3 48.2 72.2



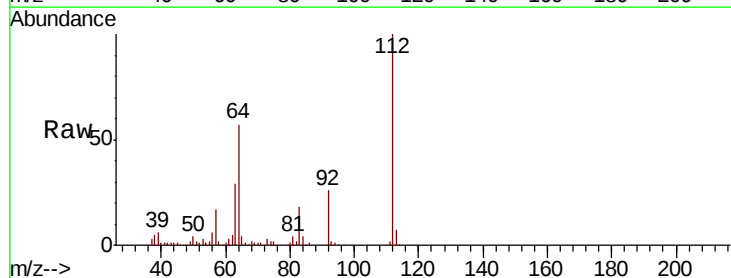
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



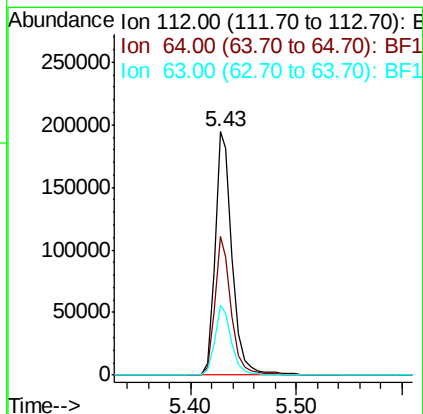
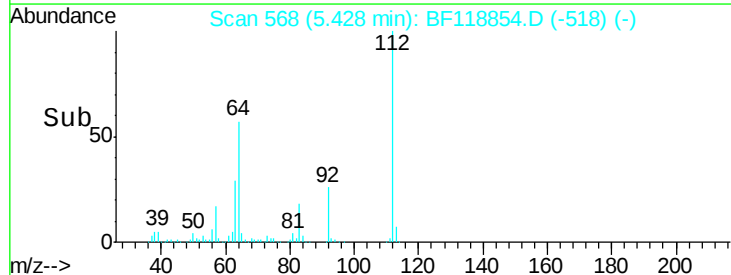
#5

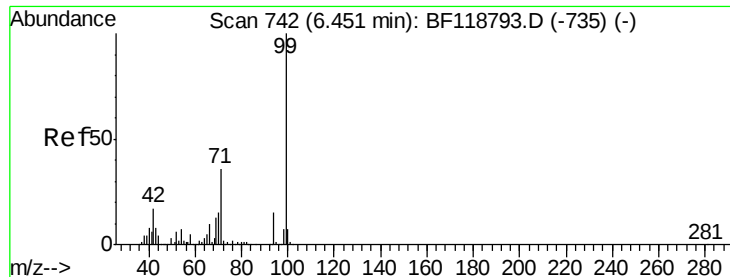
2-Fluorophenol
Concen: 23.602 ng
RT: 5.43 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion:112 Resp: 222989
Ion Ratio Lower Upper
112 100
64 56.8 42.6 63.8
63 28.7 22.2 33.4



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: 3.350 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampleId :

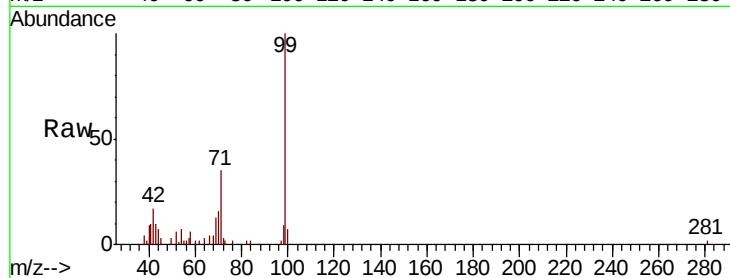
Tot Ion: 99 Resp: 39289

Ion Ratio Lower Upper

99 100

42 17.4 13.4 20.0

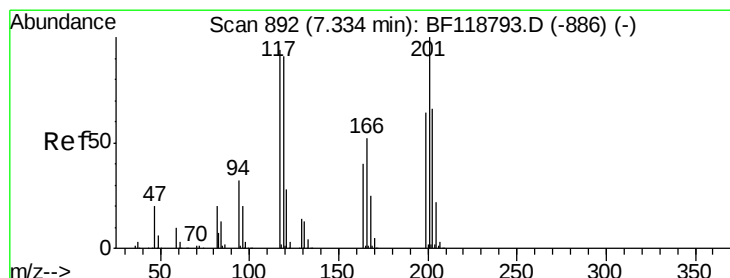
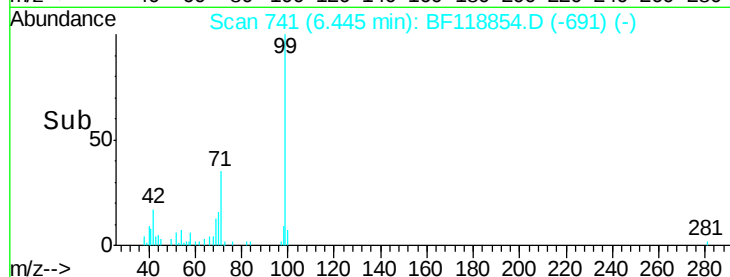
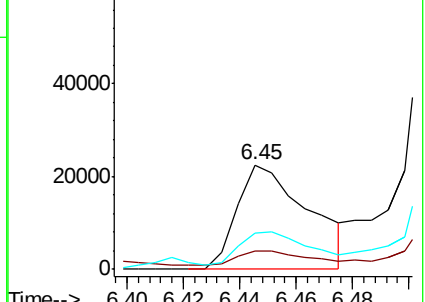
71 35.3 29.0 43.6



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



#18

Hexachloroethane

Concen: 2.836 ng

RT: 7.59 min Scan# 936

Delta R.T. 0.26 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

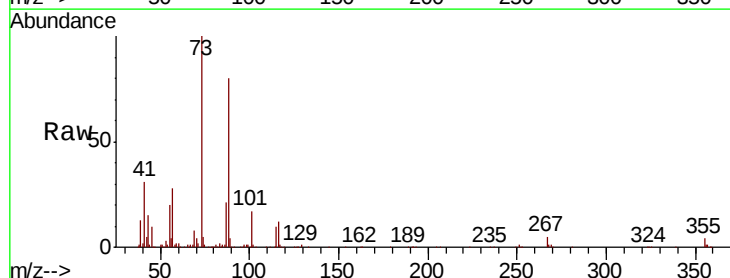
Tgt Ion: 117 Resp: 12719

Ion Ratio Lower Upper

117 100

119 9.9 77.4 116.0#

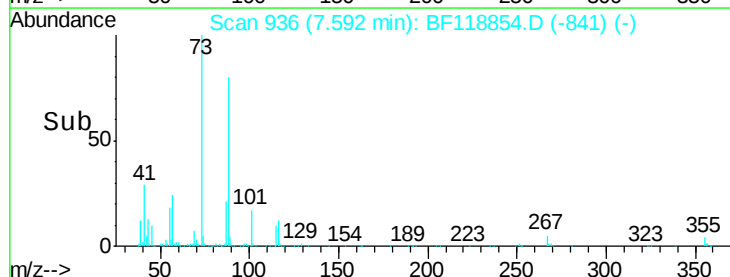
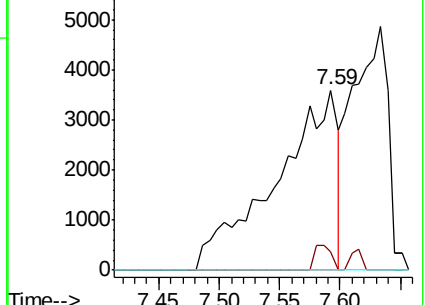
201 0.0 85.1 127.7#

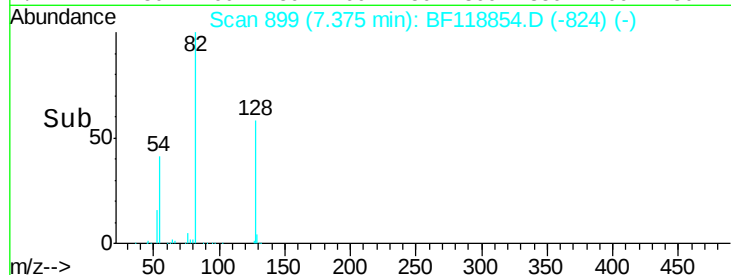
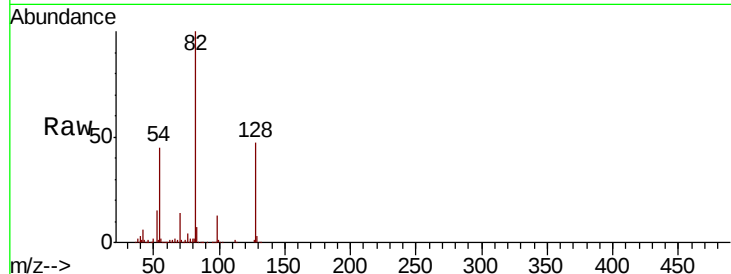
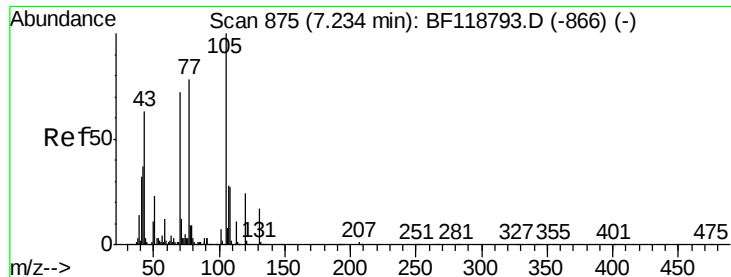


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

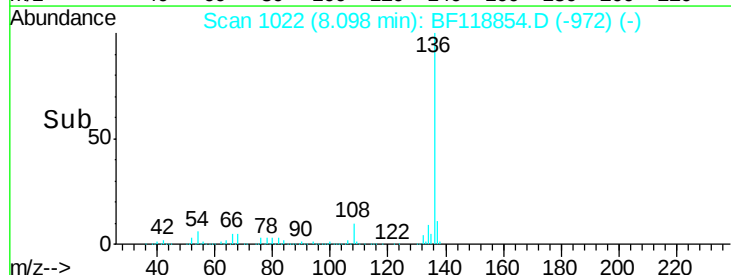
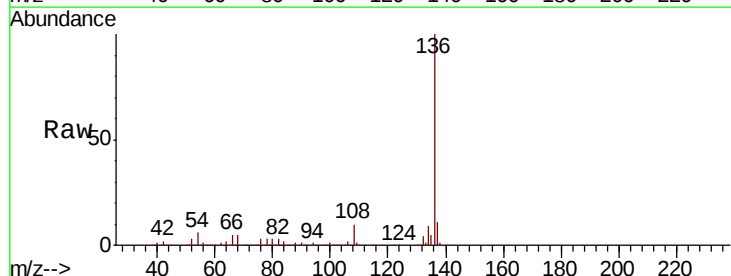
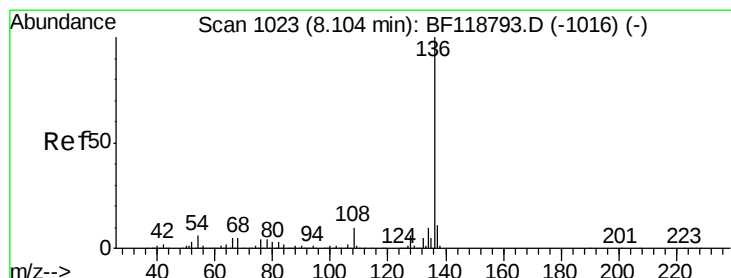
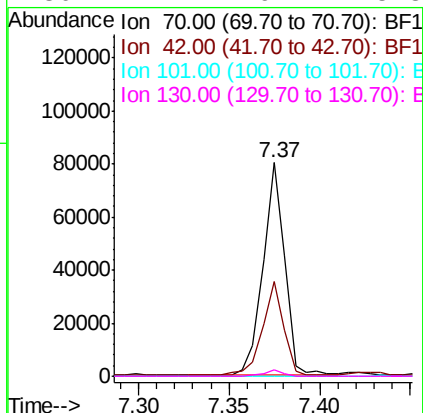




#19
n-Nitroso-di-n-propylamine
Concen: 9.419 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.14 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

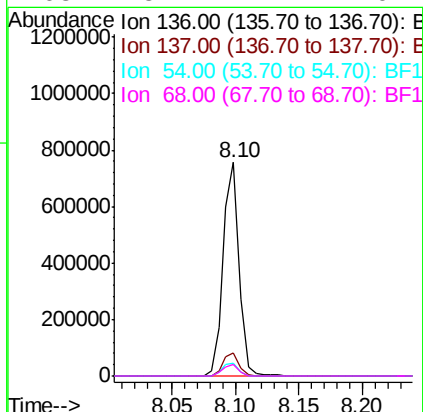
Instrument :
BNA_F
ClientSampleId :

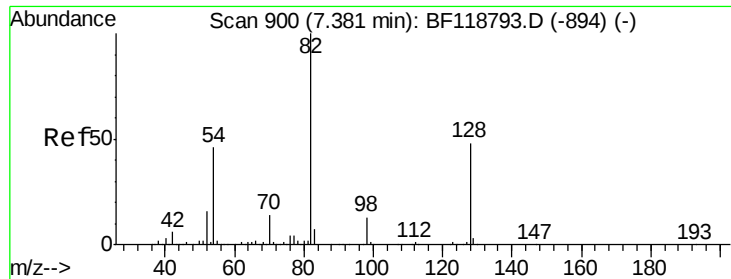
Tot Ion:	70	Resp:	67589
Ion	Ratio	Lower	Upper
70	100		
42	44.1	41.5	62.3
101	0.0	8.3	12.5#
130	2.7	19.2	28.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion:	136	Resp:	663149
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.1	5.0	7.6
68	5.4	4.2	6.4

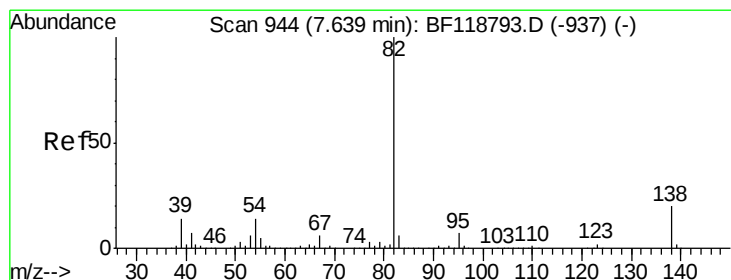
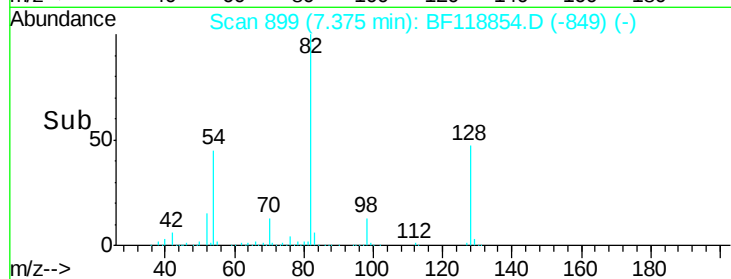
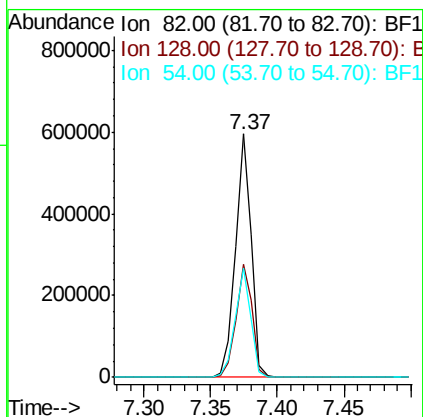
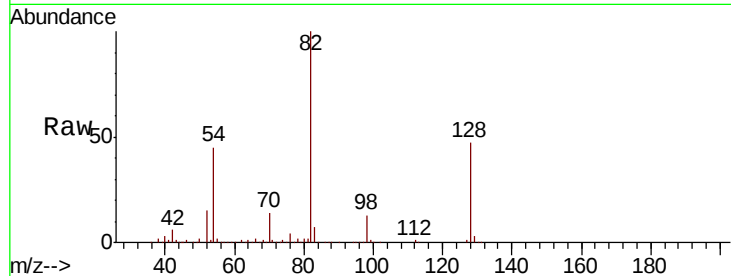




#23
Nitrobenzene-d5
Concen: 44.791 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

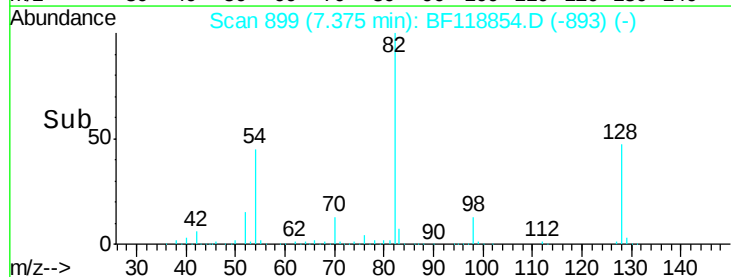
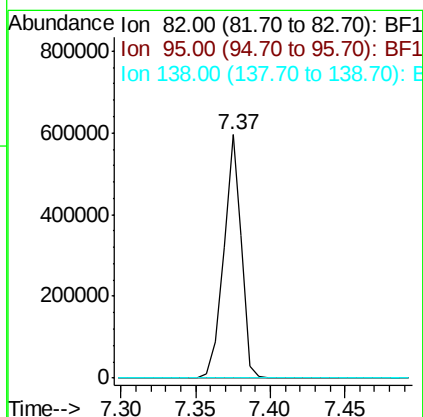
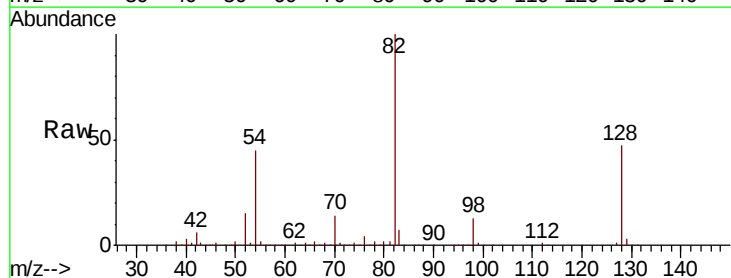
Instrument :
BNA_F
ClientSampleId :

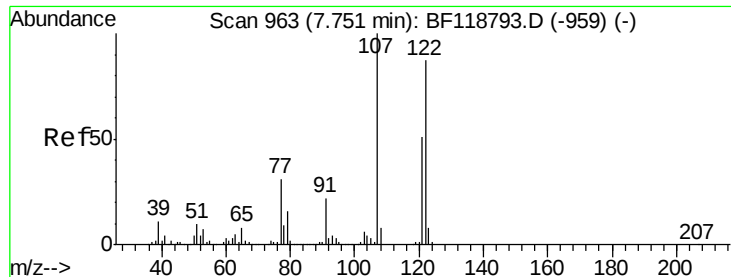
Tot Ion	82	Resp	498330
Ion Ratio	Lower	Upper	
82	100		
128	46.6	38.5	57.7
54	44.7	36.7	55.1



#25
Isophorone
Concen: 24.820 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF118854.D
Acq: 7 Feb 2020 16:55

Tgt Ion	82	Resp	496292
Ion Ratio	Lower	Upper	
82	100		
95	0.2	6.0	9.0#
138	0.0	15.7	23.5#





#27

2,4-Dimethylphenol

Concen: 8.988 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.13 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampled :

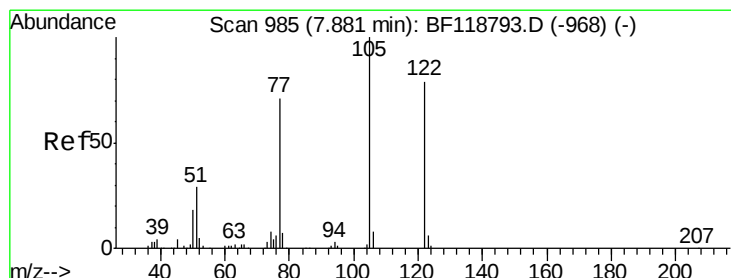
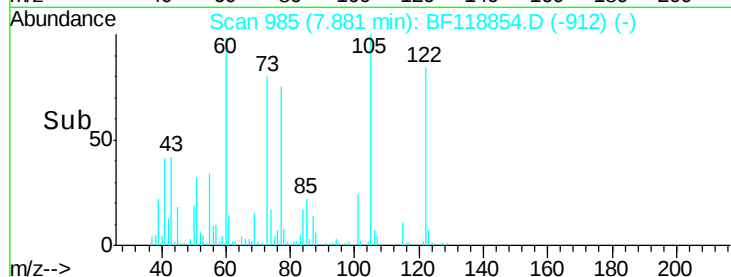
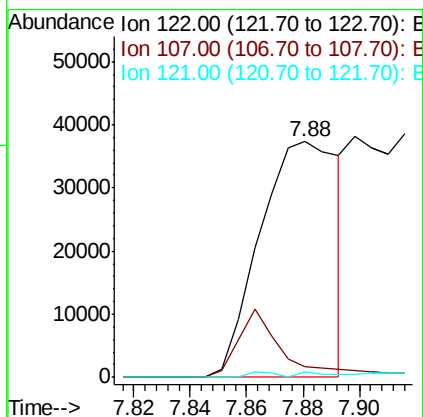
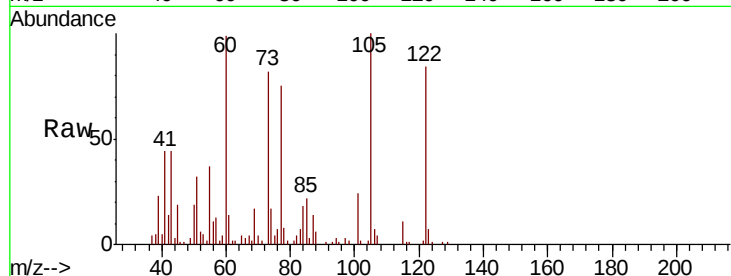
Tot Ion:122 Resp: 72309

Ion Ratio Lower Upper

122 100

107 4.7 92.2 138.2#

121 2.1 46.8 70.2#



#32

Benzoic acid

Concen: 10.856 ng

RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

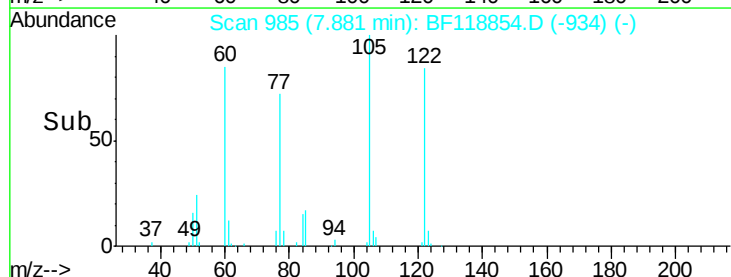
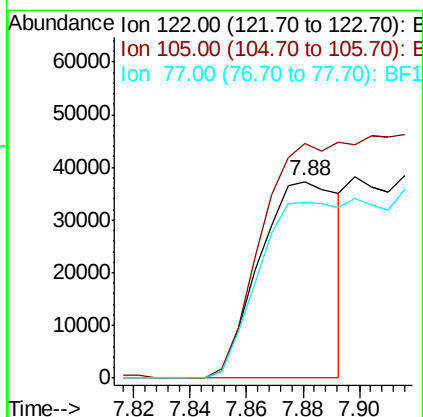
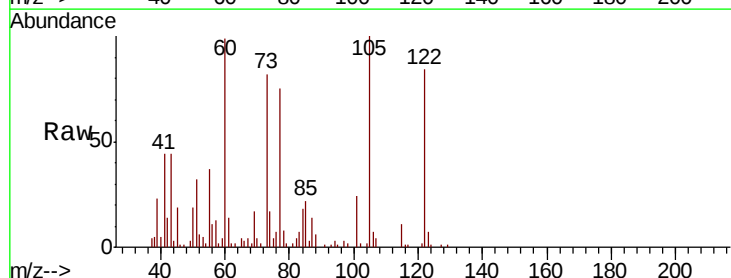
Tgt Ion:122 Resp: 72309

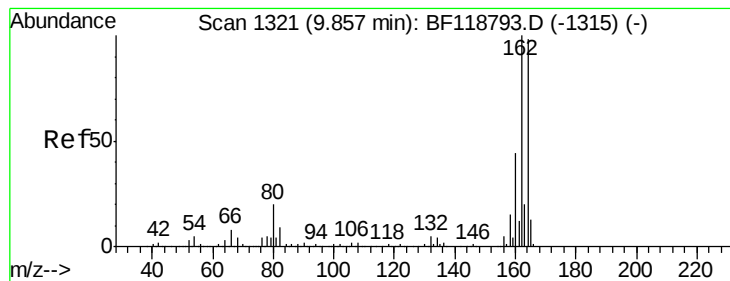
Ion Ratio Lower Upper

122 100

105 119.3 104.4 144.4

77 89.3 69.3 109.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampleId :

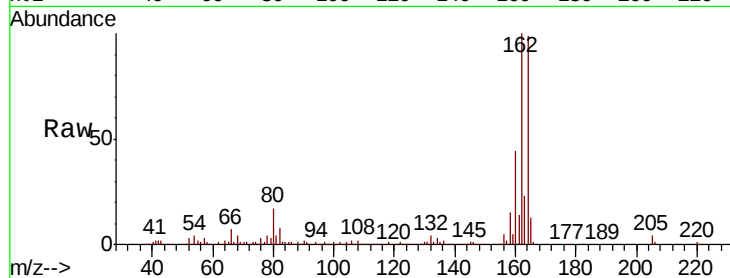
Tot Ion:164 Resp: 339330

Ion Ratio Lower Upper

164 100

162 100.6 81.4 122.2

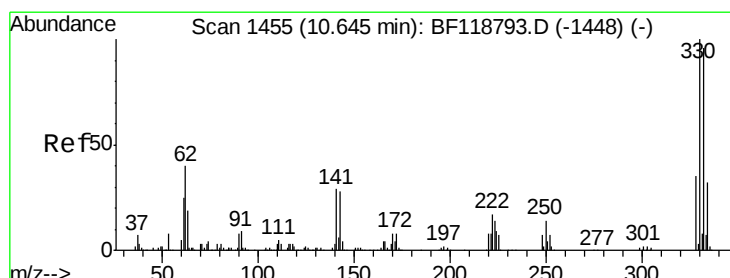
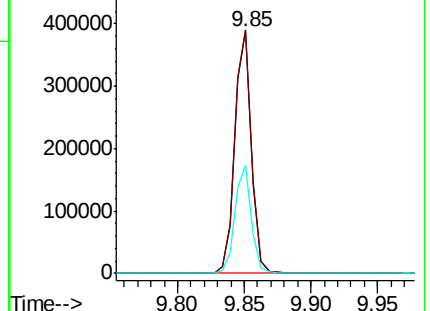
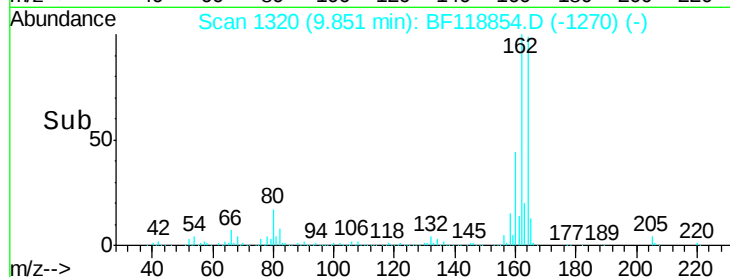
160 44.3 35.6 53.4



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



#42

2,4,6-Tribromophenol

Concen: 44.369 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

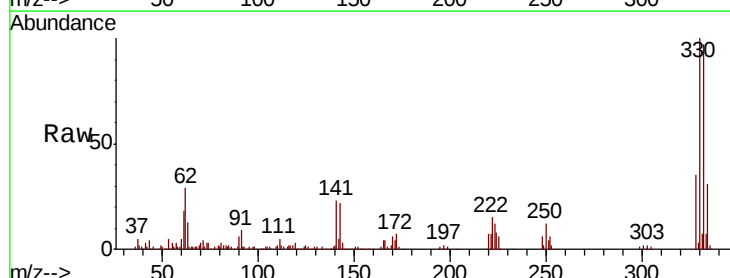
Tgt Ion:330 Resp: 180145

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

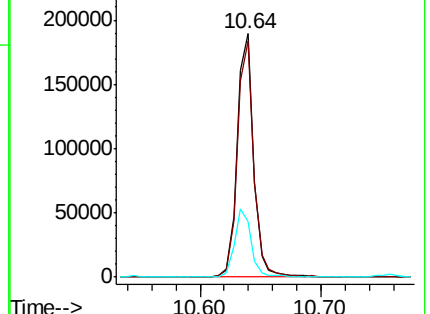
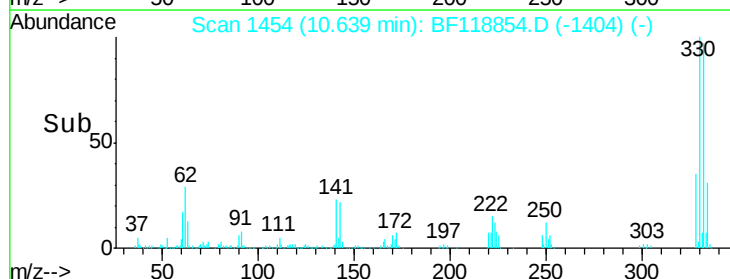
141 27.5 22.4 33.6

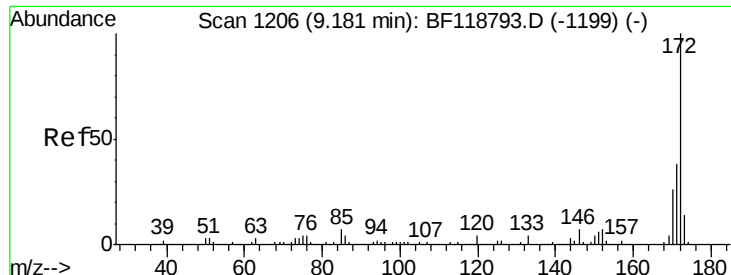


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

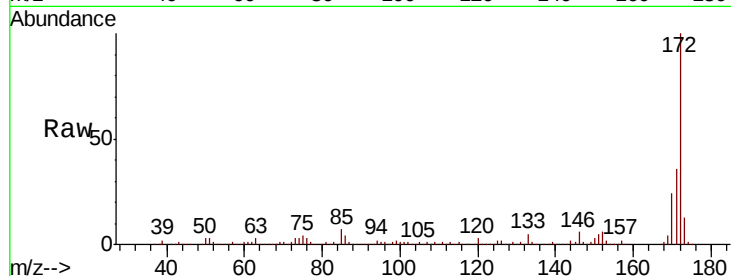




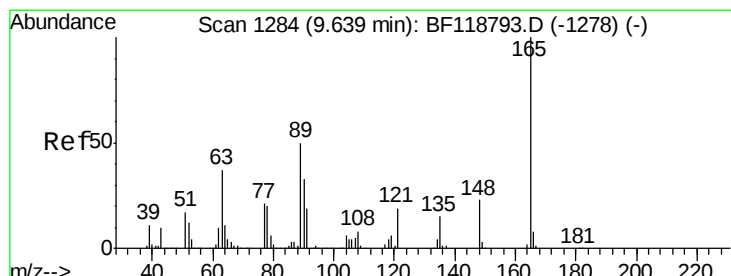
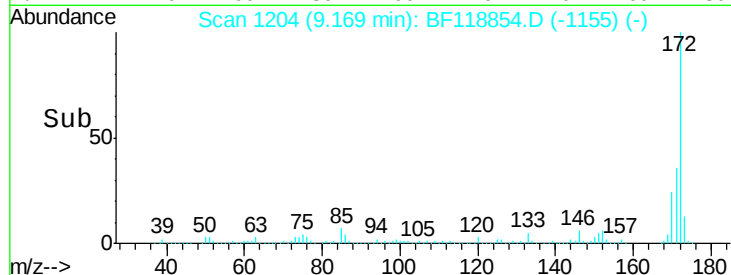
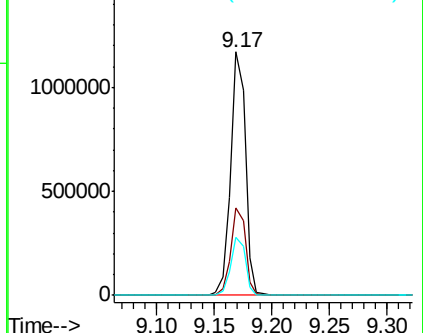
#45
 2-Fluorobiphenyl
 Concen: 54.894 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF118854.D
 Acq: 7 Feb 2020 16:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1041958
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 23.6 20.5 30.7

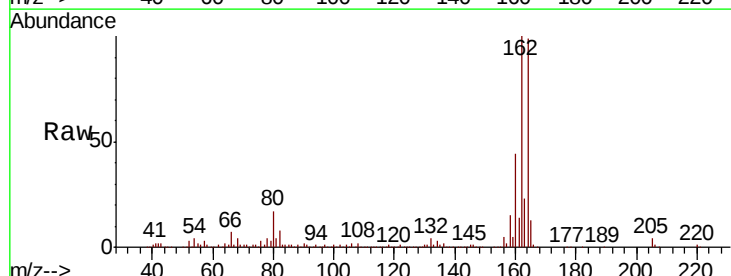


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

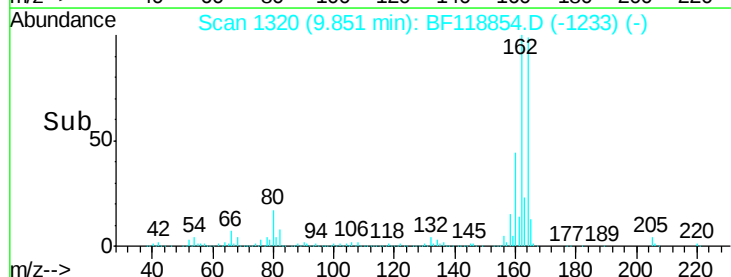
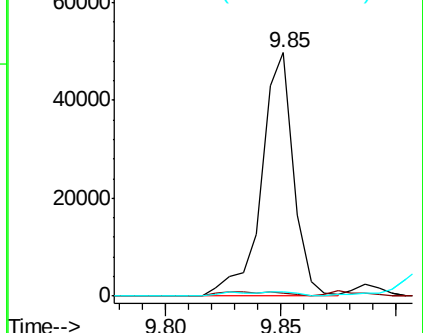


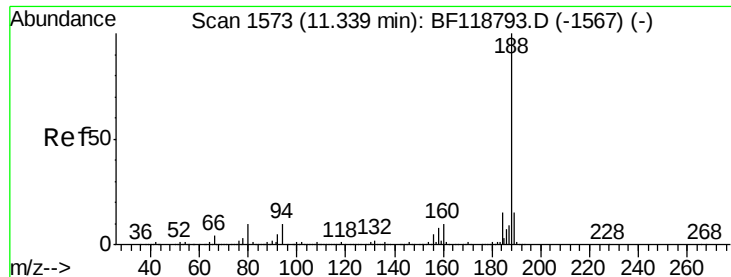
#51
 2,6-Dinitrotoluene
 Concen: 9.084 ng
 RT: 9.85 min Scan# 1320
 Delta R.T. 0.21 min
 Lab File: BF118854.D
 Acq: 7 Feb 2020 16:55

Tgt Ion:165 Resp: 48024
 Ion Ratio Lower Upper
 165 100
 63 1.5 37.4 56.0#
 89 1.9 39.7 59.5#



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampleId :

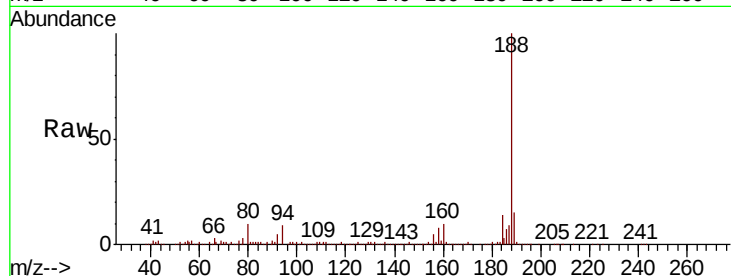
Tot Ion:188 Resp: 548532

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

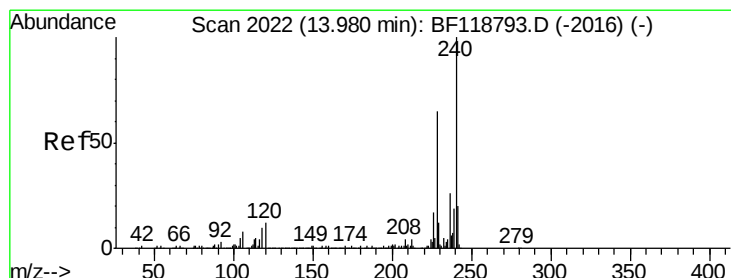
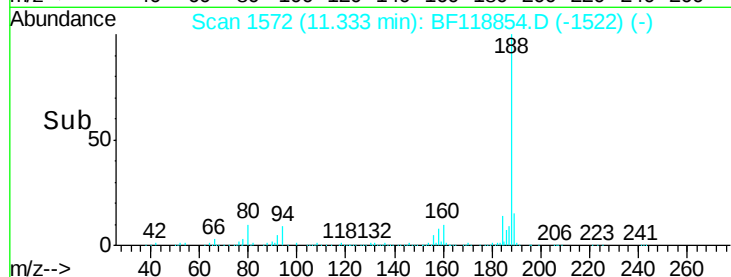
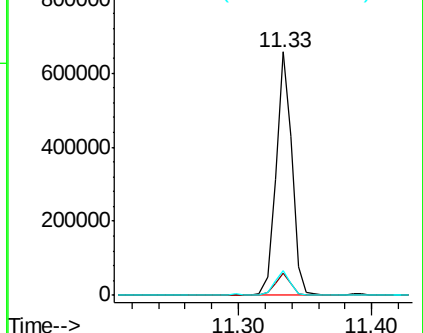
80 10.0 8.4 12.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

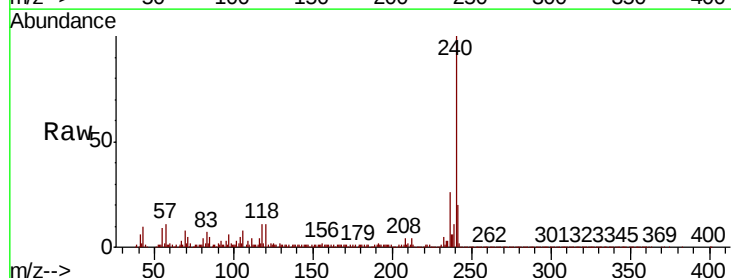
Tgt Ion:240 Resp: 490310

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.0

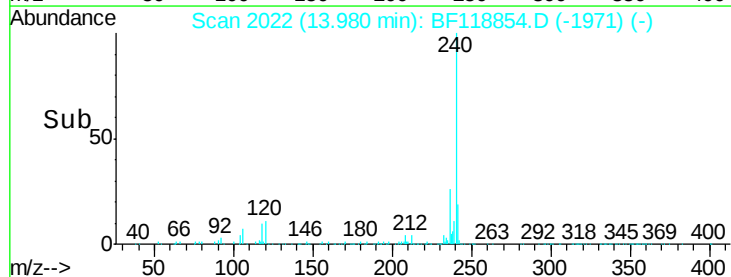
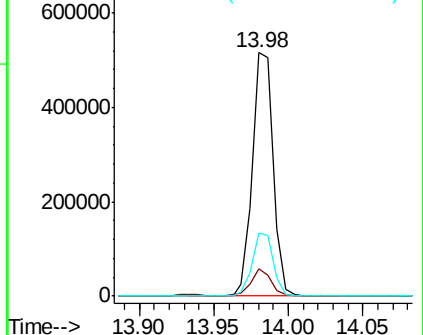
236 25.9 21.0 31.6

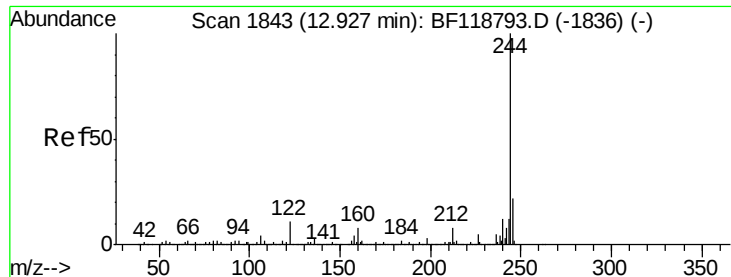


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 37.626 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.04 min

Lab File: BF118854.D

Acq: 7 Feb 2020 16:55

Instrument :

BNA_F

ClientSampleId :

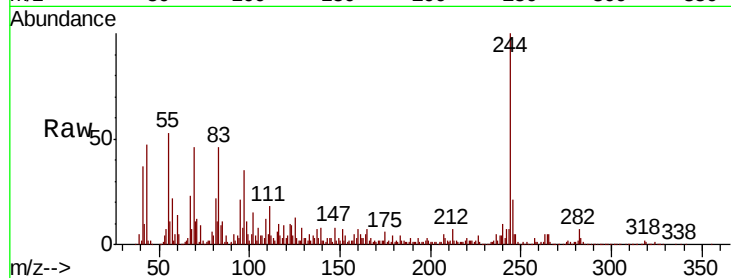
Tot Ion:244 Resp: 898140

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

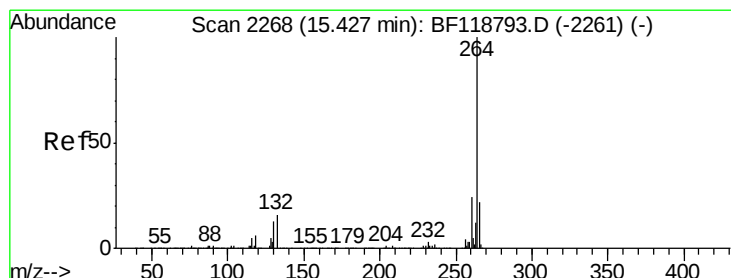
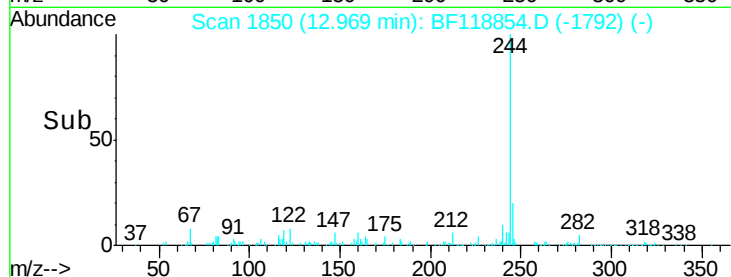
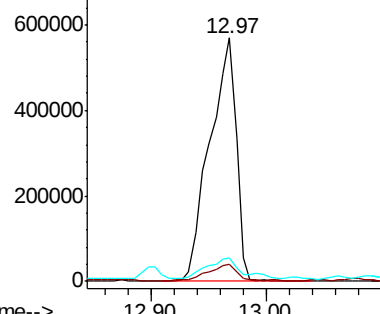
122 9.6 8.9 13.3



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: BF118854.D

Acq: 7 Feb 2020 16:55

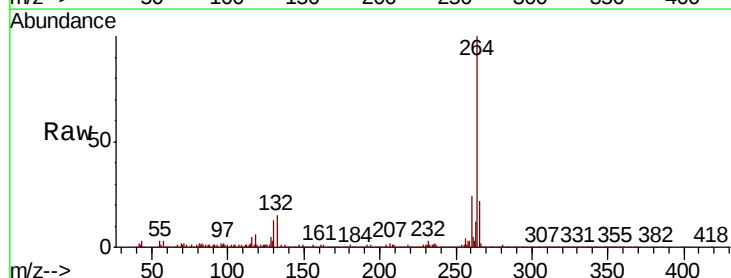
Tgt Ion:264 Resp: 508531

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.2 17.2 25.8



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

