

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051420\
 Data File : BF120293.D
 Acq On : 14 May 2020 16:25
 Operator : MA/SJ
 Sample : PB128891TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Quant Time: May 14 17:08:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 12:47:38 2020
 Response via : Initial Calibration

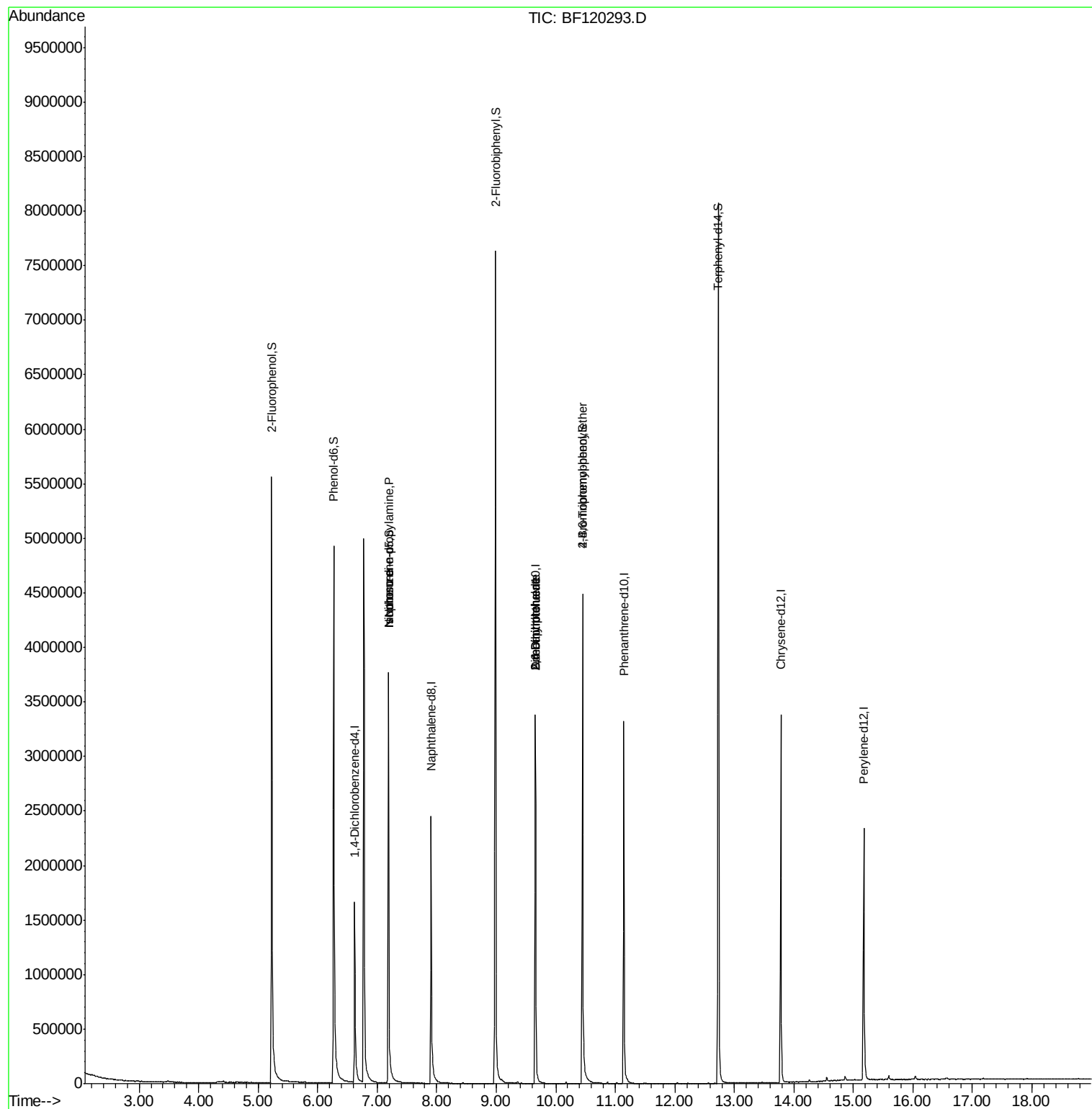
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	349609	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1454785	20.00	ng	0.00
39) Acenaphthene-d10	9.66	164	772214	20.00	ng	0.00
64) Phenanthrene-d10	11.14	188	1540560	20.00	ng	0.00
76) Chrysene-d12	13.78	240	1301872	20.00	ng	0.00
87) Perylene-d12	15.17	264	1105269	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1841758	102.50	ng	0.00
7) Phenol-d6	6.27	99	2396279	105.46	ng	0.00
23) Nitrobenzene-d5	7.19	82	1513647	71.24	ng	0.00
42) 2,4,6-Tribromophenol	10.45	330	659370	104.72	ng	0.00
45) 2-Fluorobiphenyl	8.99	172	2865805	76.24	ng	0.00
79) Terphenyl-d14	12.73	244	3491221	59.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	189194	12.709	ng	# 78
25) Isophorone	7.19	82	1513638	34.237	ng	# 65
50) Dimethylphthalate	9.66	163	159923	3.276	ng	# 1
51) 2,6-Dinitrotoluene	9.66	165	100147	9.192	ng	# 23
57) 2,4-Dinitrotoluene	9.66	165	100801	7.887	ng	# 16
67) 4-Bromophenyl-phenylether	10.45	248	40084	2.681	ng	# 1

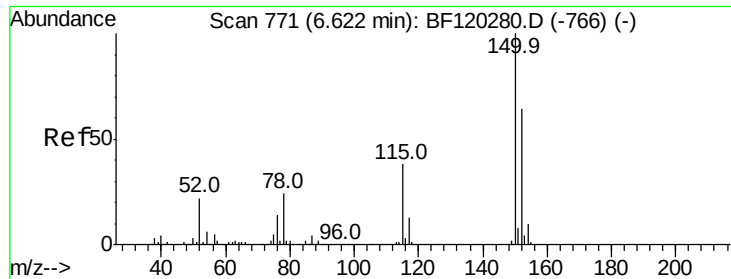
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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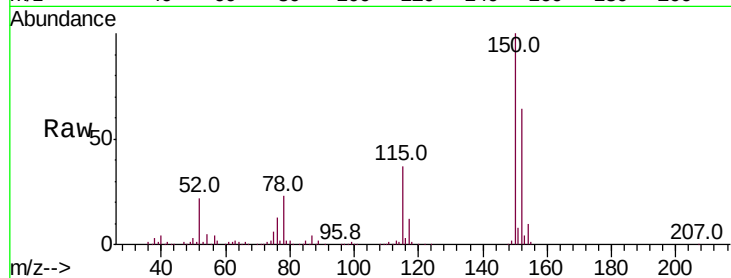


#1

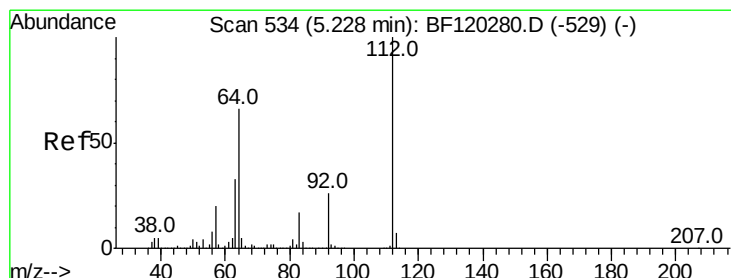
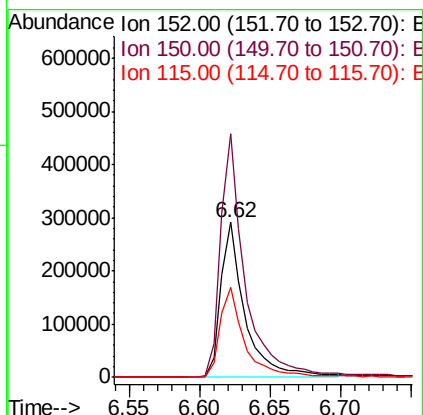
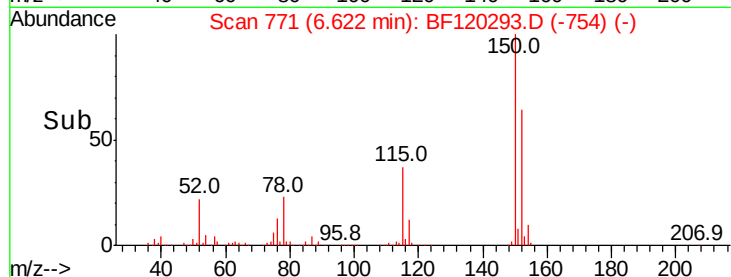
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Instrument :
BNA_F
ClientSampleId :
PB128891TB

Tot Ion:152 Resp: 349609
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 58.0 47.9 71.9



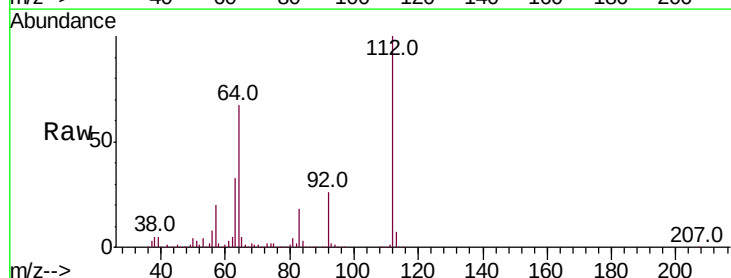
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



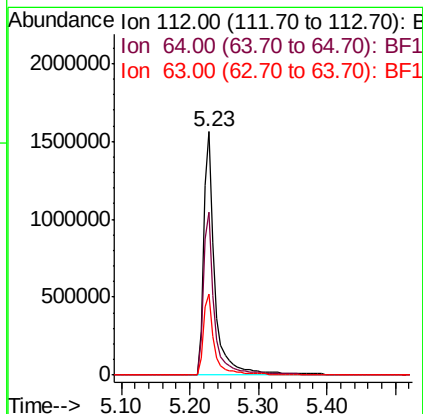
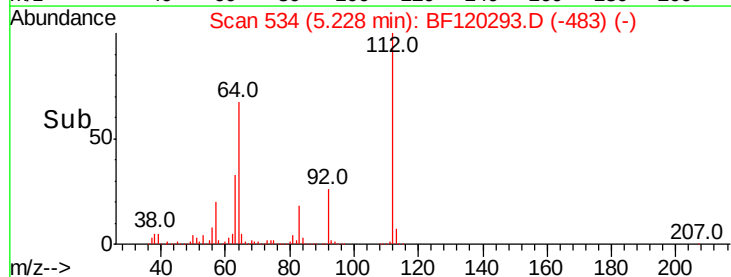
#5

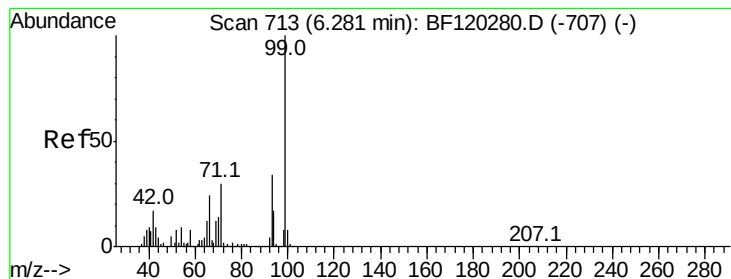
2-Fluorophenol
Concen: 102.501 ng
RT: 5.23 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Tgt Ion:112 Resp: 1841758
Ion Ratio Lower Upper
112 100
64 67.1 52.7 79.1
63 33.3 26.2 39.4



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: 105.458 ng

RT: 6.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

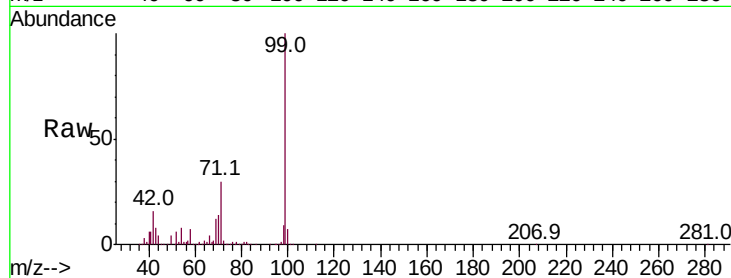
Tot Ion: 99 Resp: 2396279

Ion Ratio Lower Upper

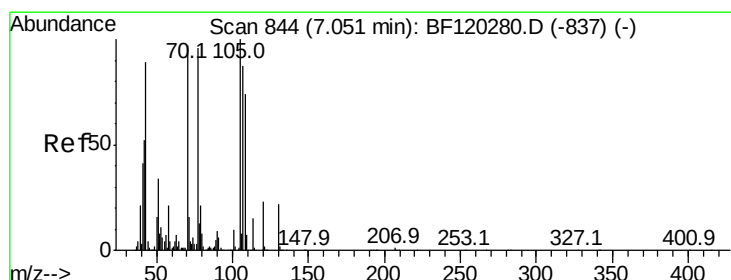
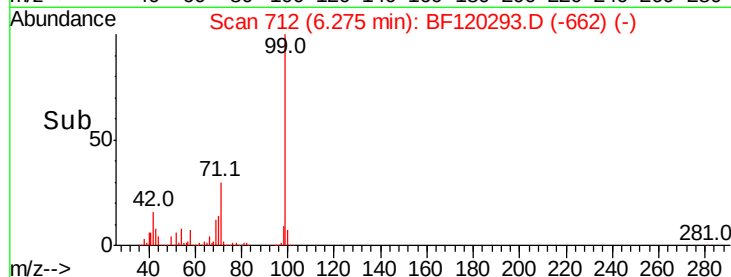
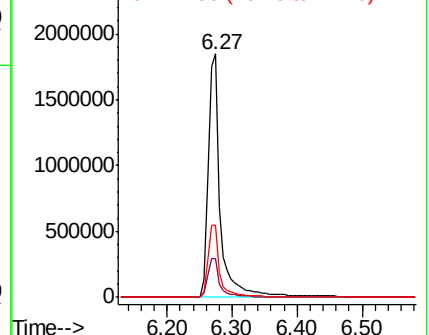
99 100

42 16.0 13.6 20.4

71 29.7 24.2 36.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
2500000
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: 12.709 ng

RT: 7.19 min Scan# 868

Delta R.T. 0.14 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Tgt Ion: 70 Resp: 189194

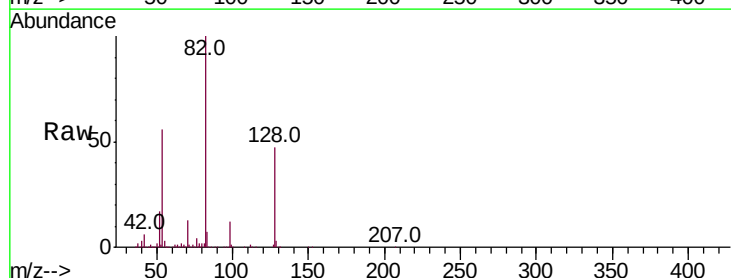
Ion Ratio Lower Upper

70 100

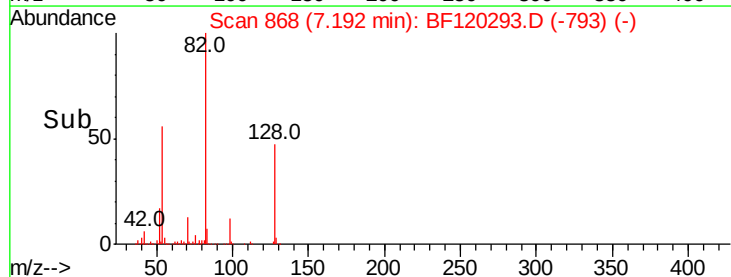
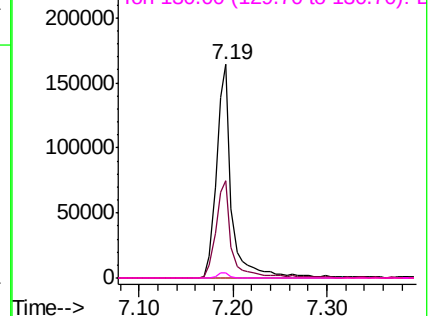
42 45.5 43.4 65.0

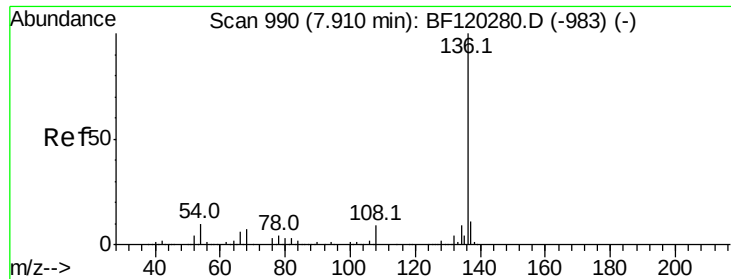
101 0.0 7.8 11.8#

130 2.3 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BF1
250000
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

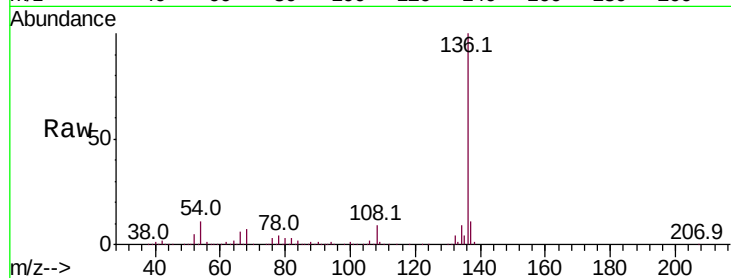




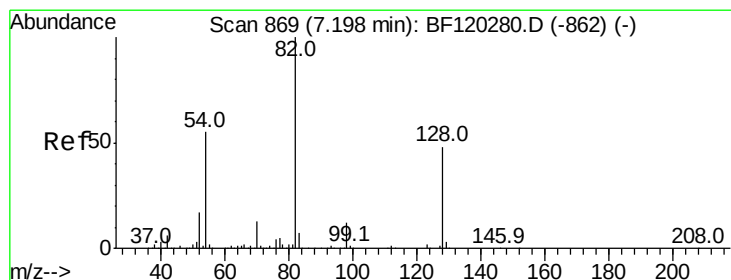
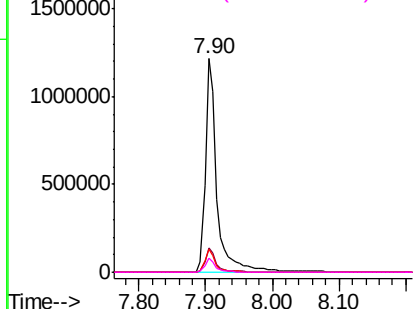
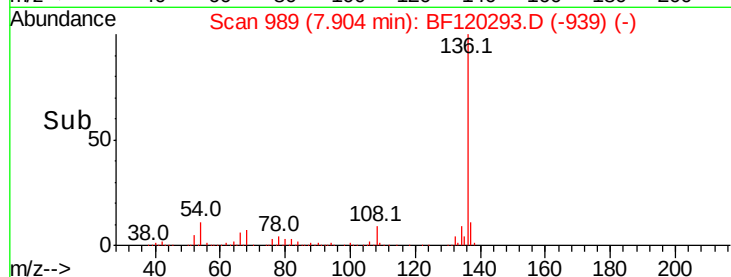
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Instrument :
BNA_F
ClientSampleId :
PB128891TB

Tot Ion:136 Resp: 1454785
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 10.6 7.9 11.9
68 6.7 5.4 8.2

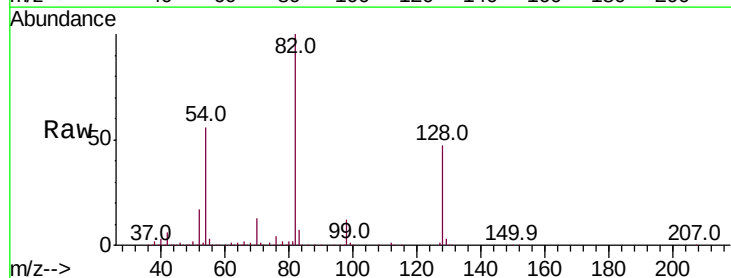


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

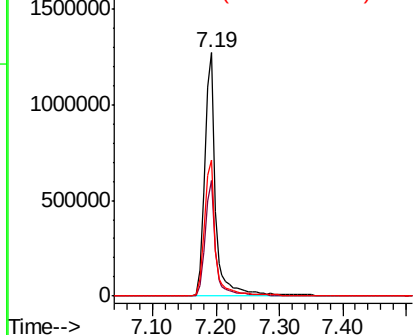
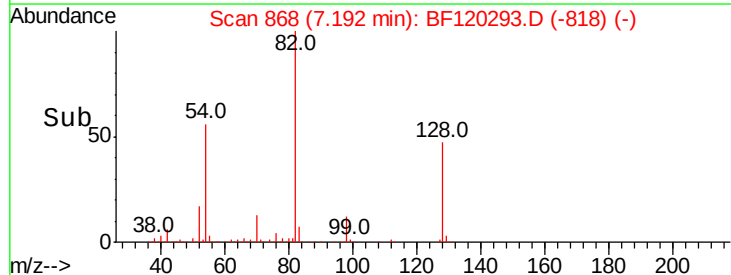


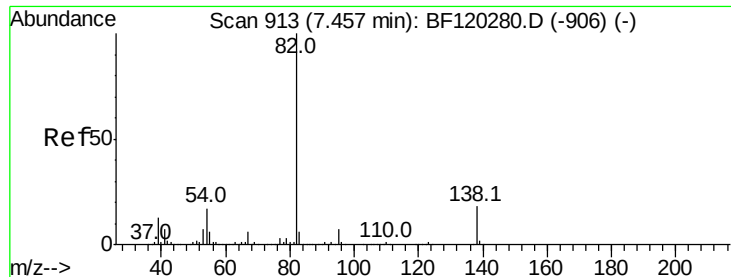
#23
Nitrobenzene-d5
Concen: 71.237 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF120293.D
Acq: 14 May 2020 16:25

Tgt Ion: 82 Resp: 1513647
Ion Ratio Lower Upper
82 100
128 47.3 38.3 57.5
54 56.1 43.9 65.9



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.237 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.26 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

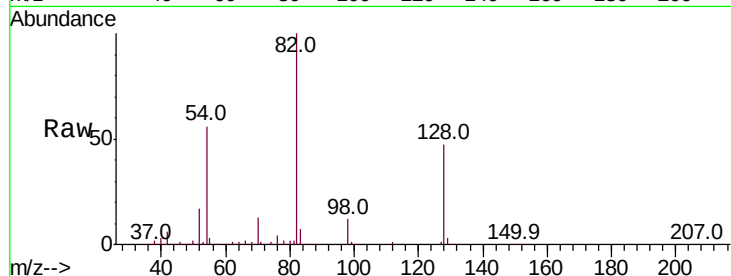
Tot Ion: 82 Resp: 1513638

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

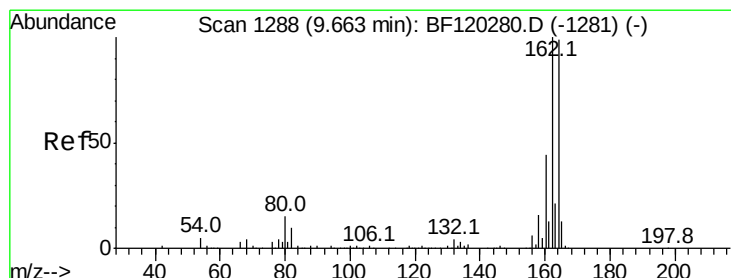
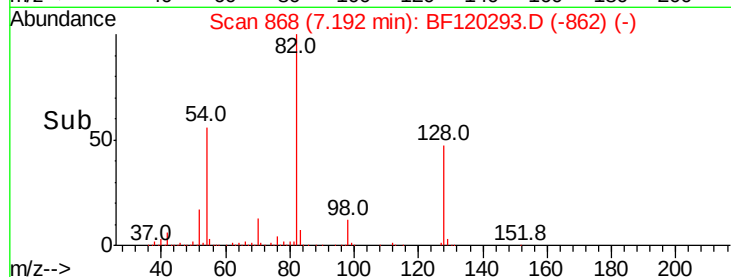
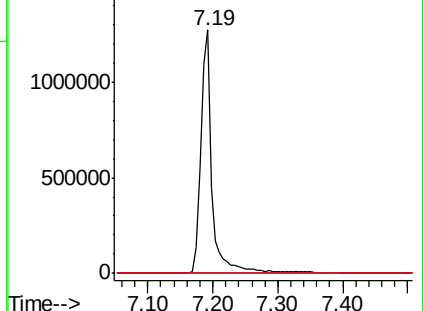
138 0.0 14.7 22.1#



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: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

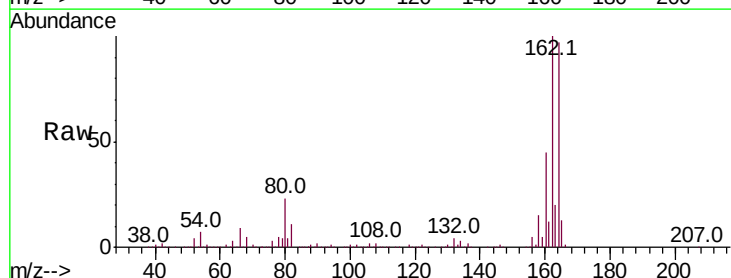
Tgt Ion:164 Resp: 772214

Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

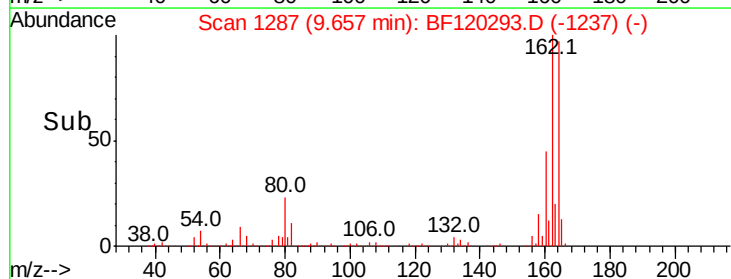
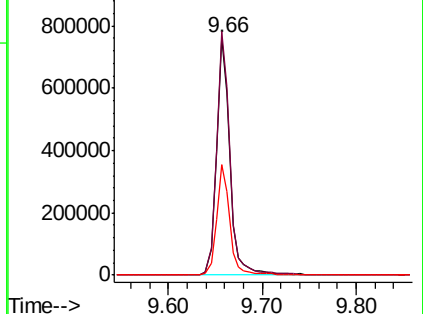
160 46.6 35.8 53.6

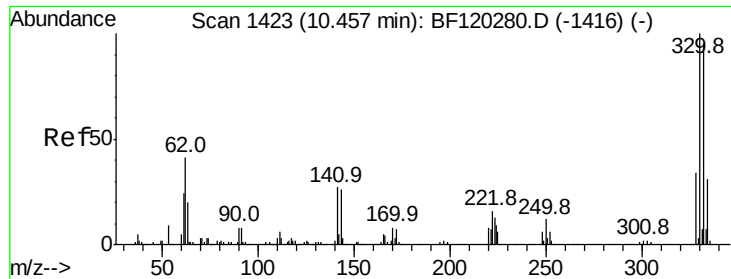


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

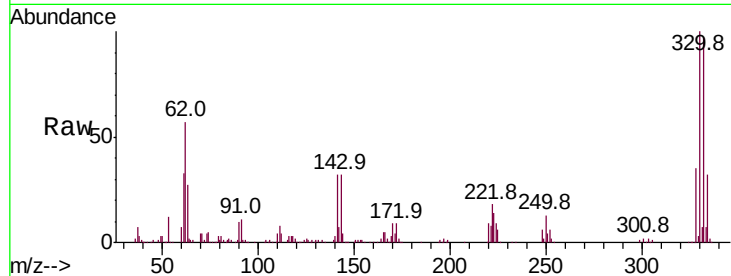




#42
 2,4,6-Tribromophenol
 Concen: 104.725 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.5	114.7
141	32.5	25.4	38.0

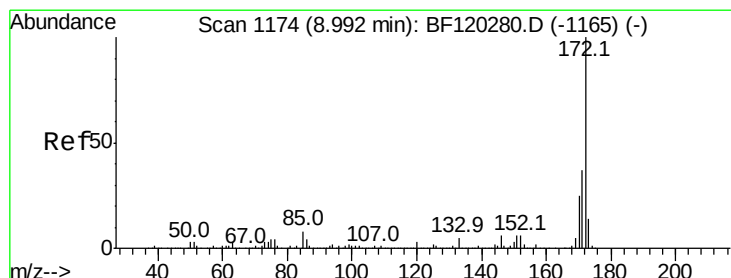
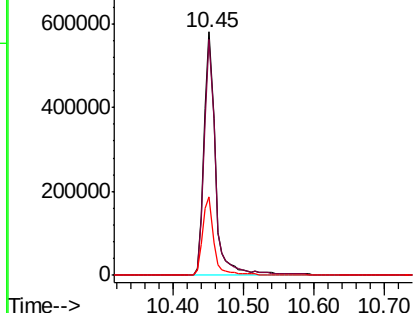
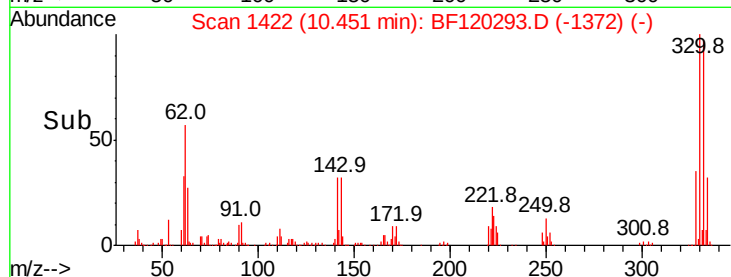


Abundance

Ion 329.80 (329.50 to 330.50): E

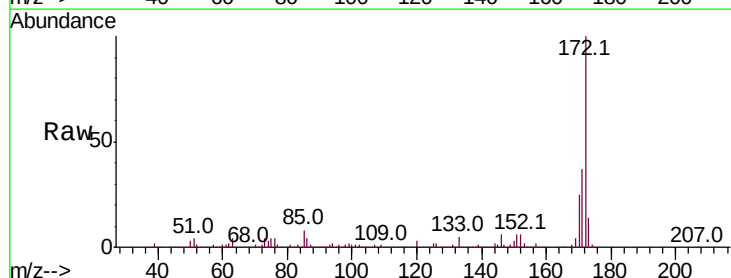
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 76.245 ng
 RT: 8.99 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.9	29.9

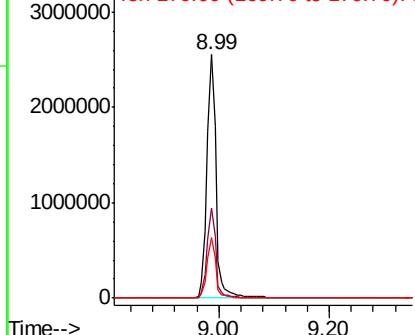
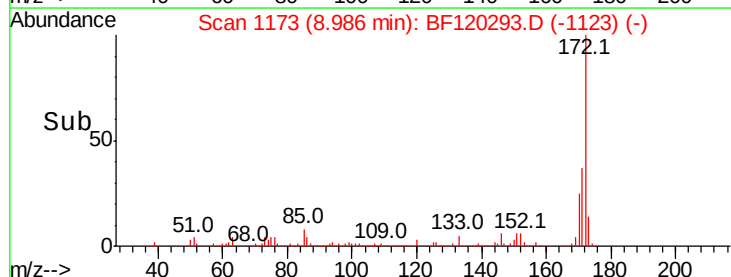


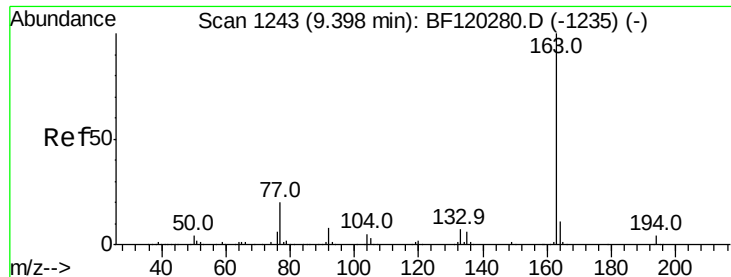
Abundance

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: 3.276 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.26 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

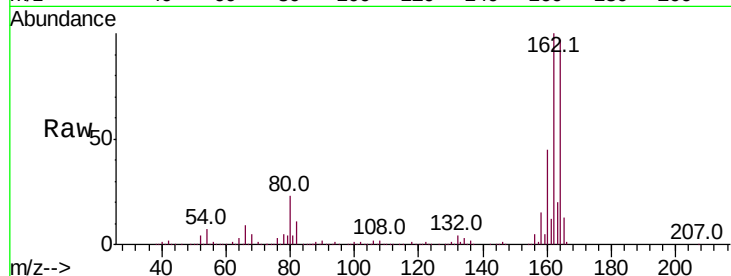
Tot Ion:163 Resp: 159923

Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

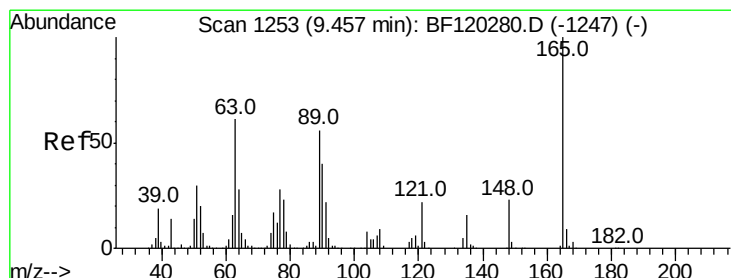
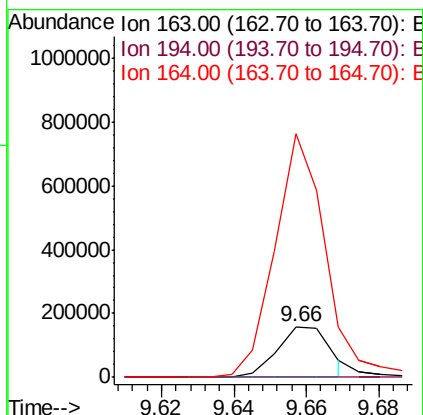
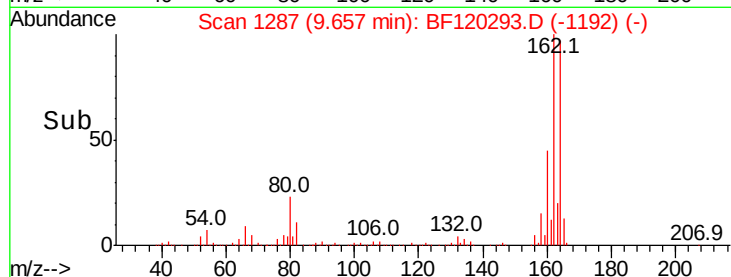
164 481.4 8.6 12.8#



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



#51

2,6-Dinitrotoluene

Concen: 9.192 ng

RT: 9.66 min Scan# 1287

Delta R.T. 0.20 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

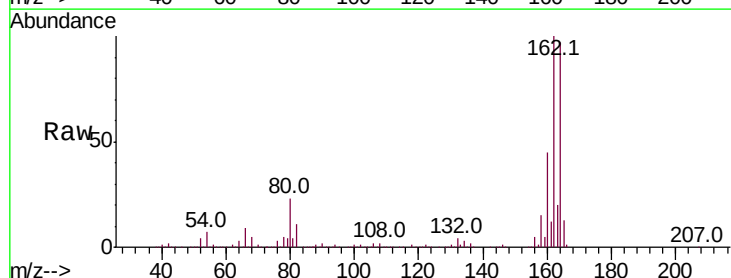
Tgt Ion:165 Resp: 100147

Ion Ratio Lower Upper

165 100

63 1.0 50.2 75.2#

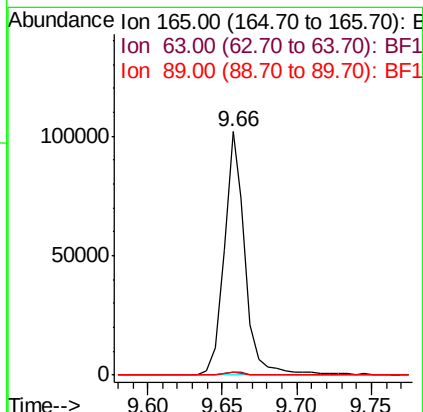
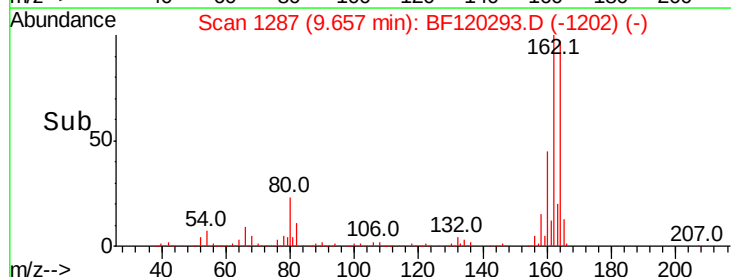
89 1.2 44.6 66.8#

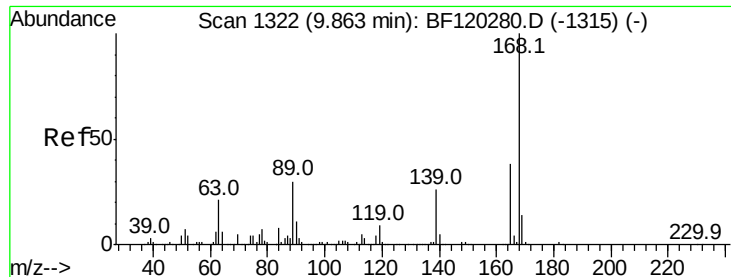


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

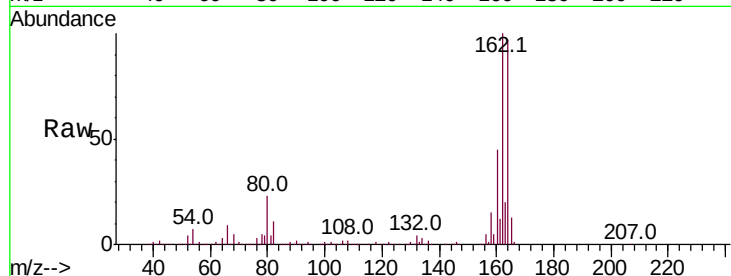




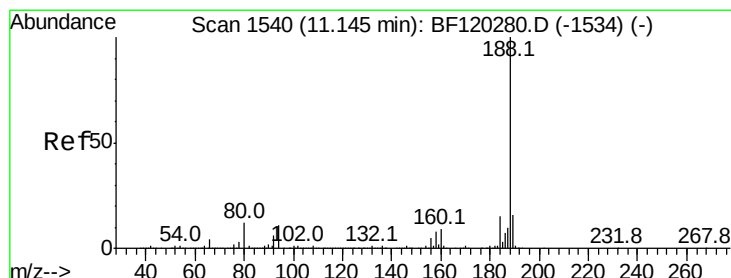
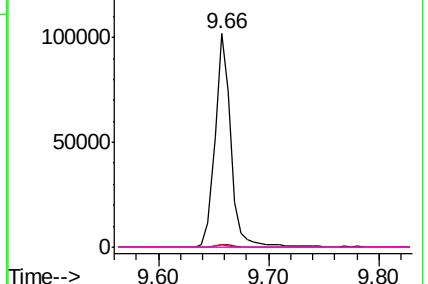
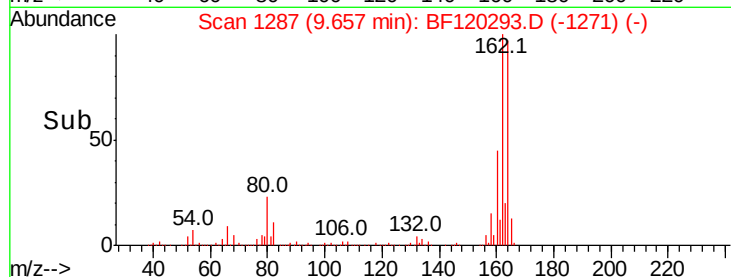
#57
 2,4-Dinitrotoluene
 Concen: 7.887 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.21 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Tot Ion:165 Resp: 100801
 Ion Ratio Lower Upper
 165 100
 63 1.0 51.8 77.8#
 89 1.2 64.2 96.4#
 182 0.0 2.0 3.0#

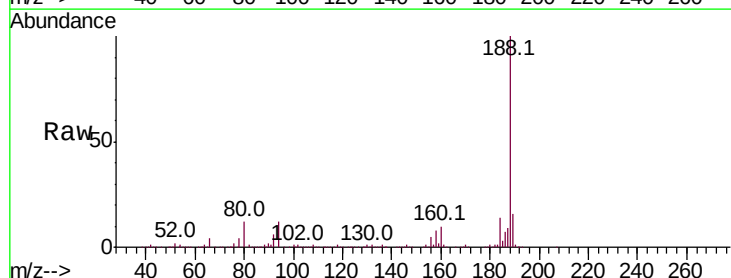


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

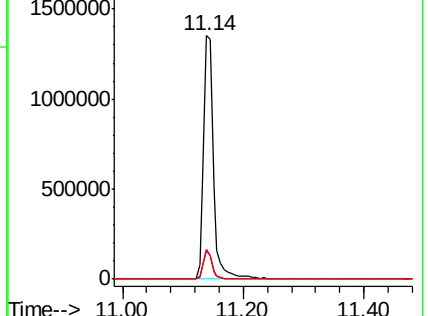
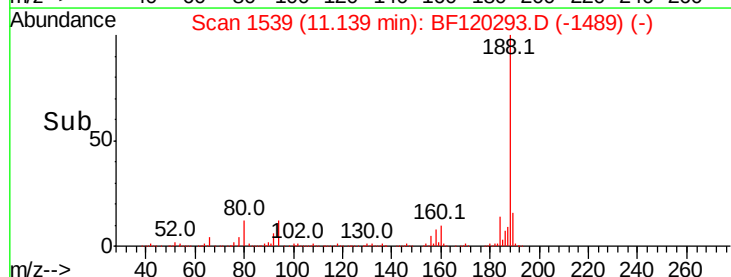


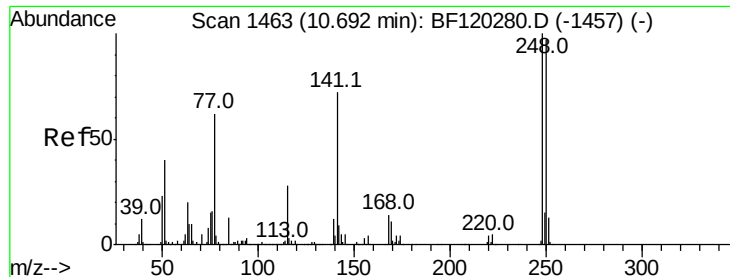
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Tgt Ion:188 Resp: 1540560
 Ion Ratio Lower Upper
 188 100
 94 11.8 8.6 13.0
 80 12.2 9.2 13.8



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

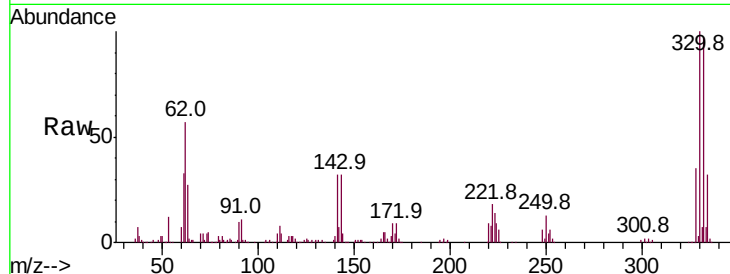




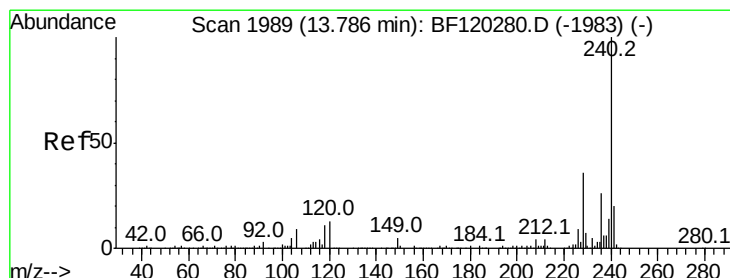
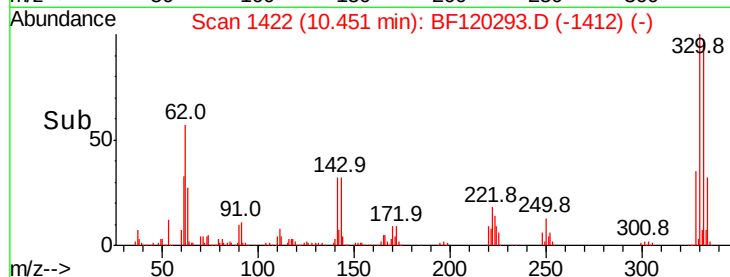
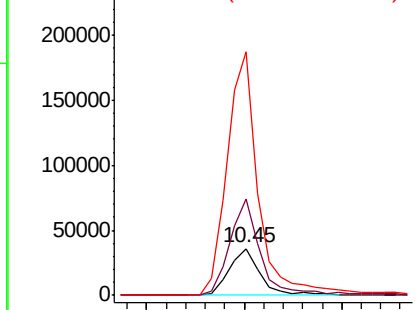
#67
 4-Bromophenyl-phenylether
 Concen: 2.681 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.24 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Instrument :
 BNA_F
 ClientSampleId :
 PB128891TB

Tot Ion:248 Resp: 40084
 Ion Ratio Lower Upper
 248 100
 250 206.4 77.8 116.6#
 141 518.7 57.7 86.5#

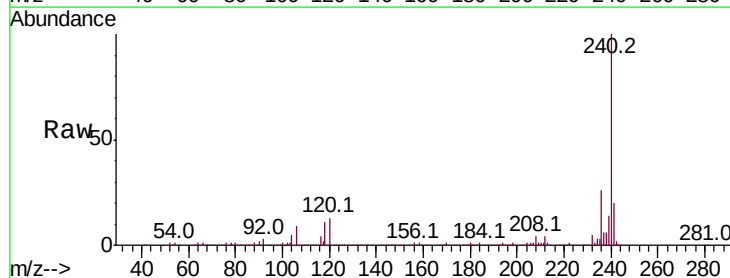


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

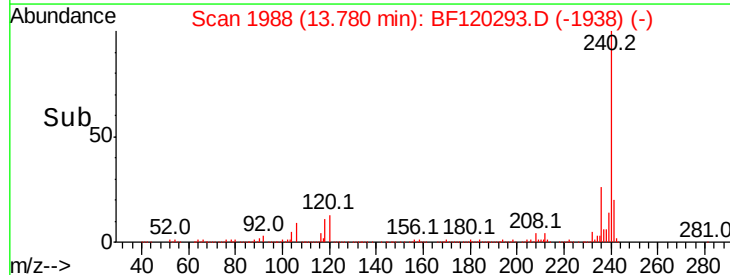
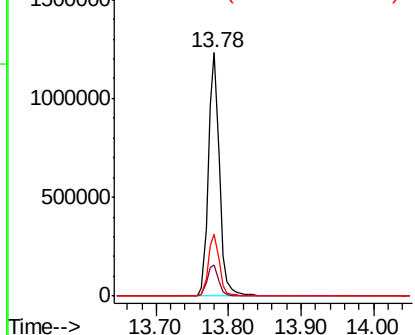


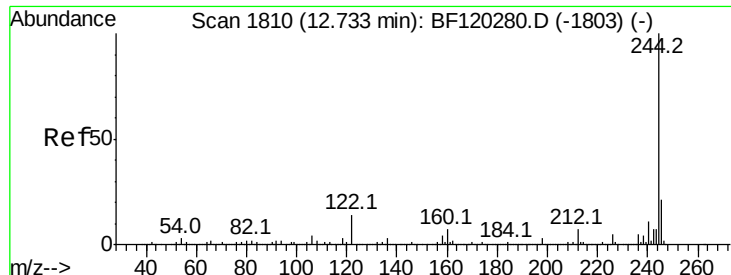
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.78 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF120293.D
 Acq: 14 May 2020 16:25

Tgt Ion:240 Resp: 1301872
 Ion Ratio Lower Upper
 240 100
 120 13.0 10.4 15.6
 236 25.6 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: 59.244 ng

RT: 12.73 min Scan# 1810

Delta R.T. 0.00 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

Instrument :

BNA_F

ClientSampleId :

PB128891TB

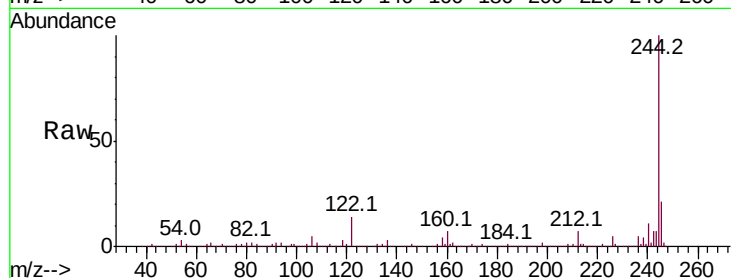
Tot Ion:244 Resp: 3491221

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

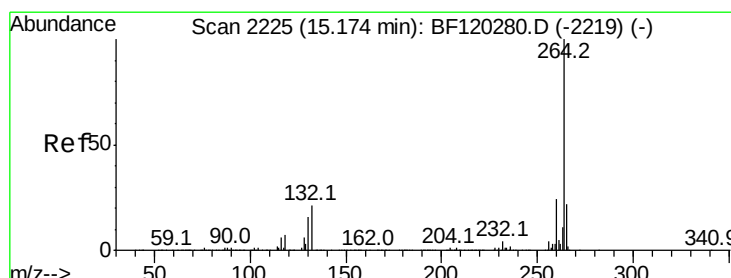
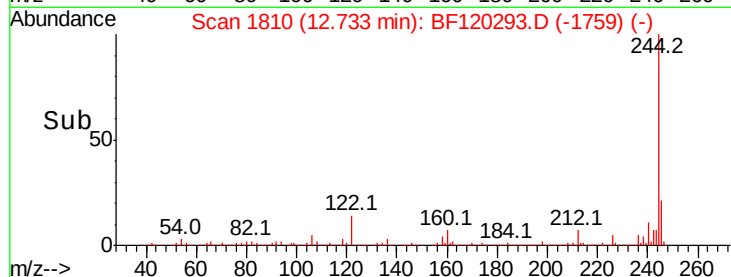
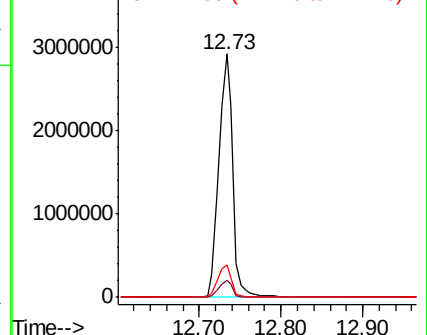
122 13.5 10.8 16.2



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: 15.17 min Scan# 2225

Delta R.T. 0.00 min

Lab File: BF120293.D

Acq: 14 May 2020 16:25

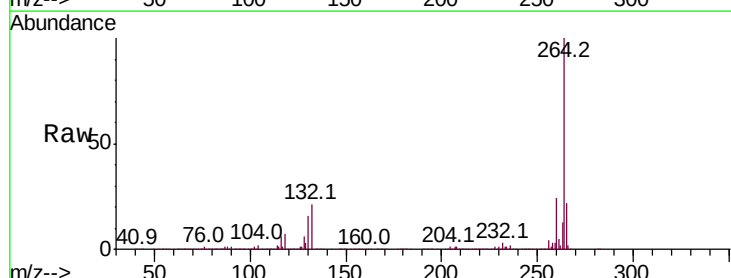
Tgt Ion:264 Resp: 1105269

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.6 17.5 26.3



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

