

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121375.D
 Acq On : 21 Aug 2020 19:16
 Operator : JU/CG
 Sample : L3746-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 00:34:40 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

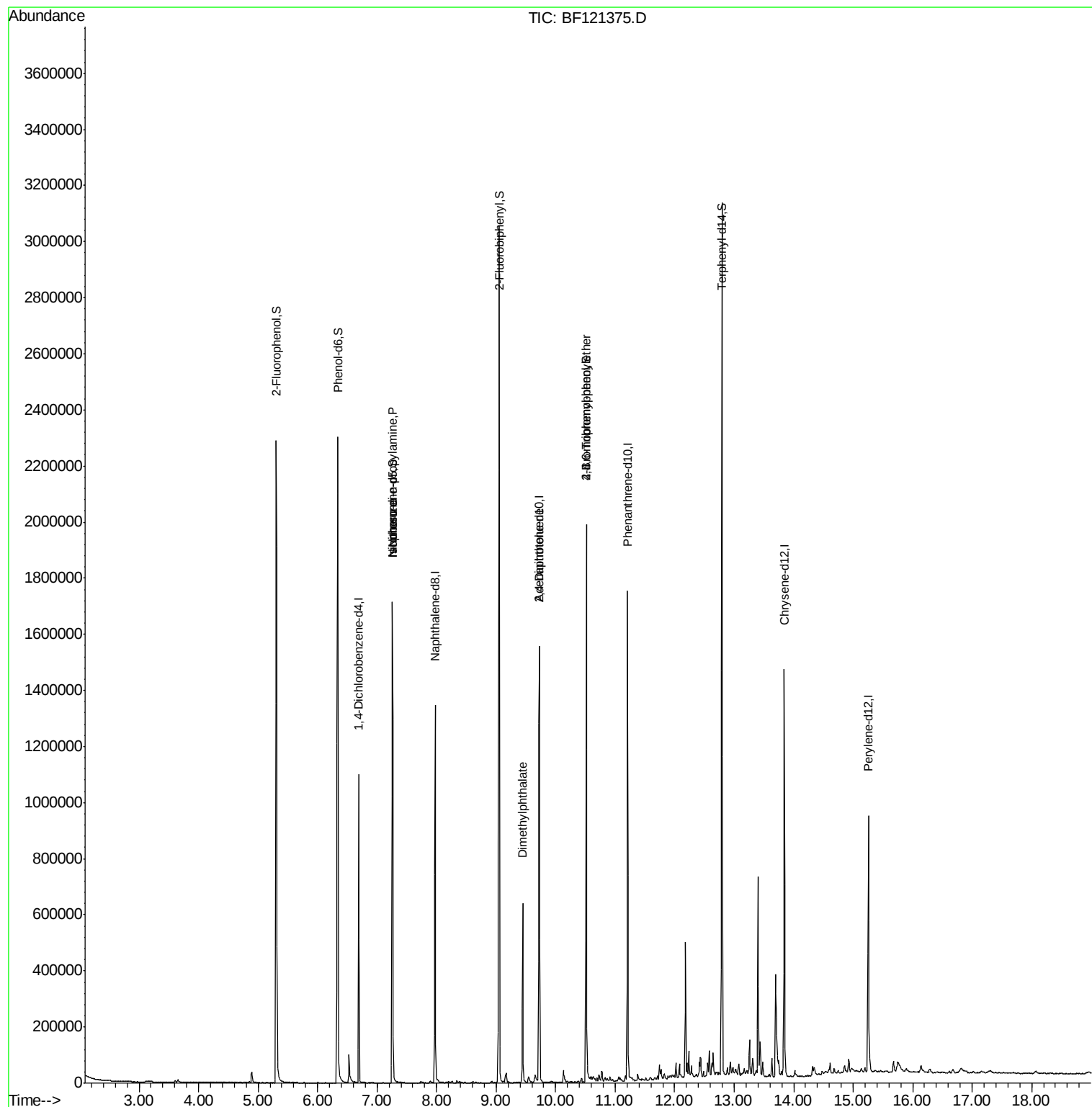
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	154715	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	604703	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	317624	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	616799	20.00	ng	0.00
76) Chrysene-d12	13.84	240	476796	20.00	ng	0.00
86) Perylene-d12	15.26	264	410352	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	735321	77.93	ng	0.00
7) Phenol-d6	6.34	99	907699	75.36	ng	0.00
23) Nitrobenzene-d5	7.26	82	583863	54.61	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	279174	75.43	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	990653	55.37	ng	0.00
79) Terphenyl-d14	12.80	244	1086425	44.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	76075	11.744	ng	# 79
25) Isophorone	7.26	82	579068	29.760	ng	# 65
50) Dimethylphthalate	9.45	163	245915	10.642	ng	100
55) Dibenzofuran	9.93	168	322	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	40484	6.724	ng	# 25
58) Fluorene	10.27	166	398	Below Cal	#	95
67) 4-Bromophenyl-phenylether	10.52	248	15727	2.299	ng	# 1

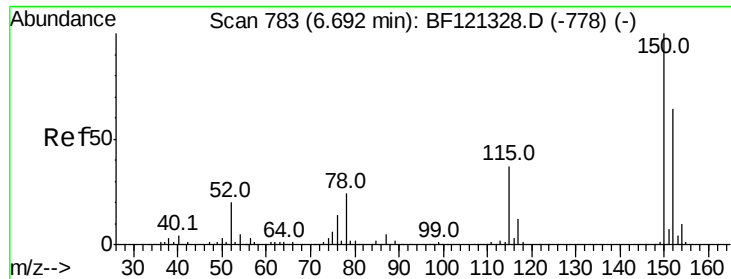
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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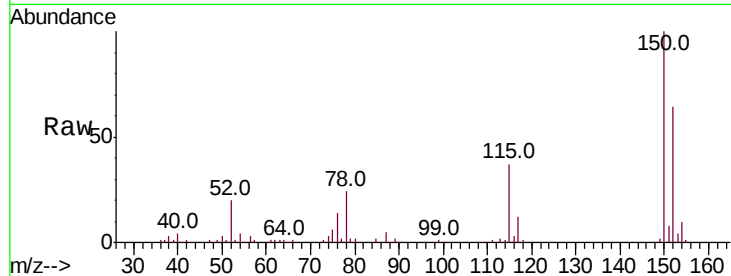


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121375.D
Acq: 21 Aug 2020 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.8	187.2
115	58.3	46.1	69.1

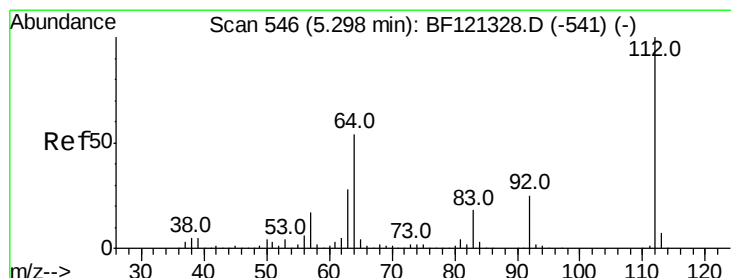
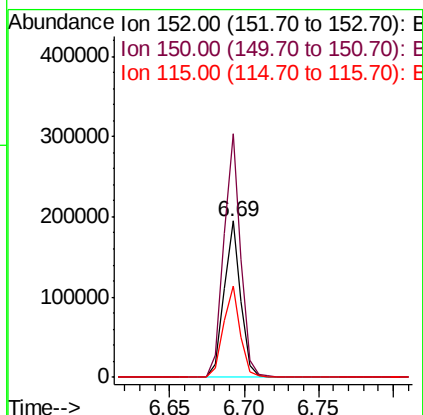
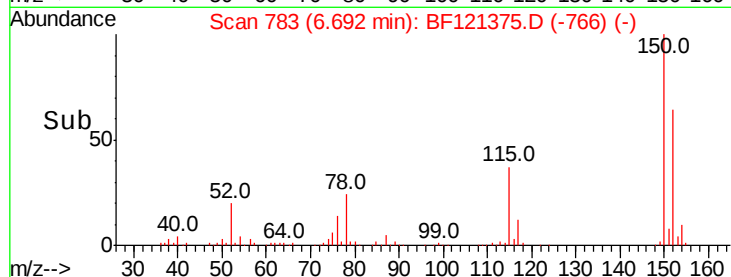


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

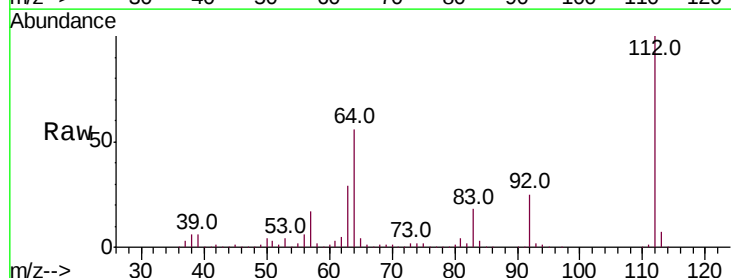
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 77.932 ng
RT: 5.30 min Scan# 547
Delta R.T. 0.01 min
Lab File: BF121375.D
Acq: 21 Aug 2020 19:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	43.5	65.3
63	28.5	22.0	33.0

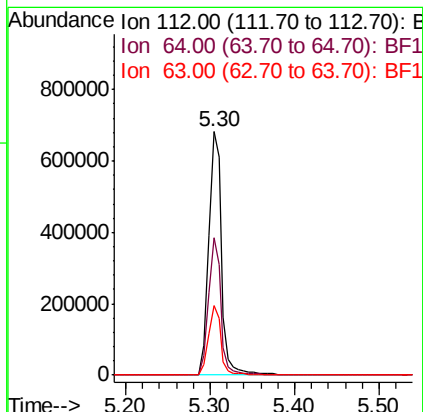
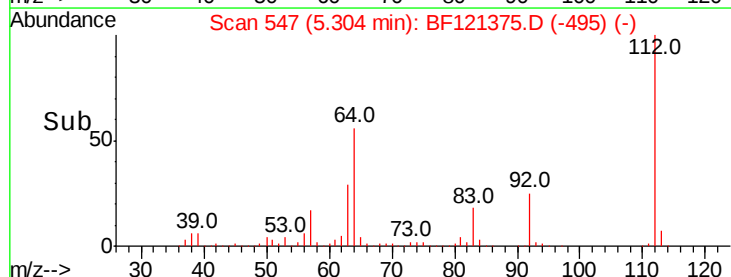


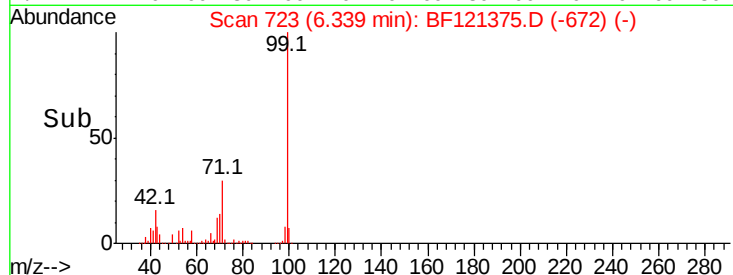
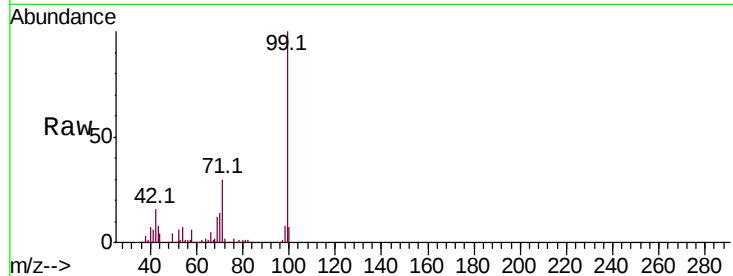
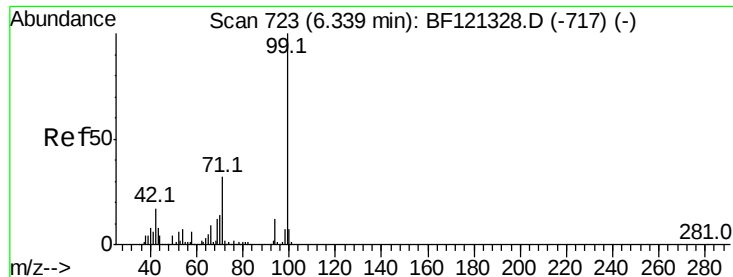
Abundance

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: 75.358 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

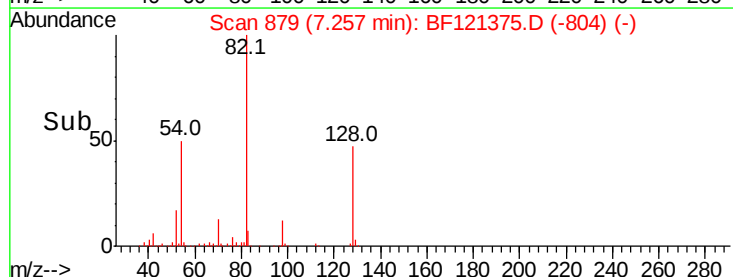
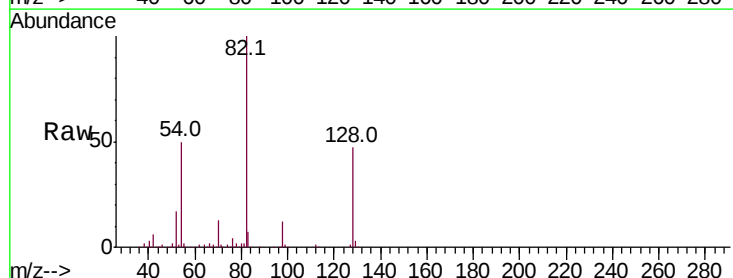
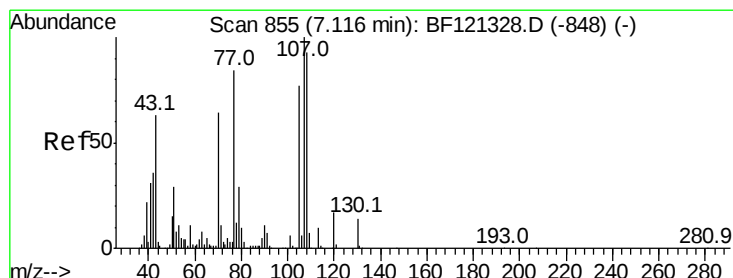
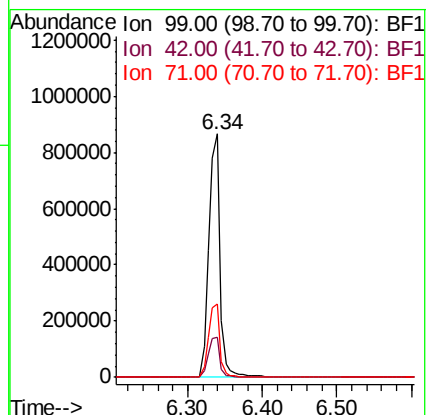
Tot Ion: 99 Resp: 907699

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 30.4 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 11.744 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Tgt Ion: 70 Resp: 76075

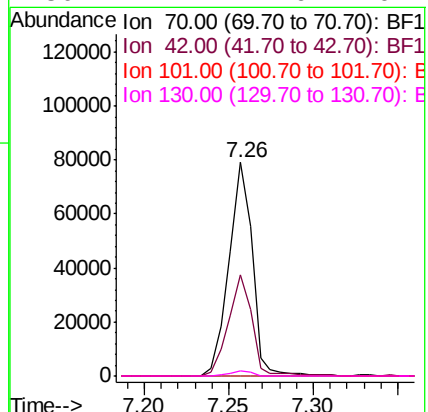
Ion Ratio Lower Upper

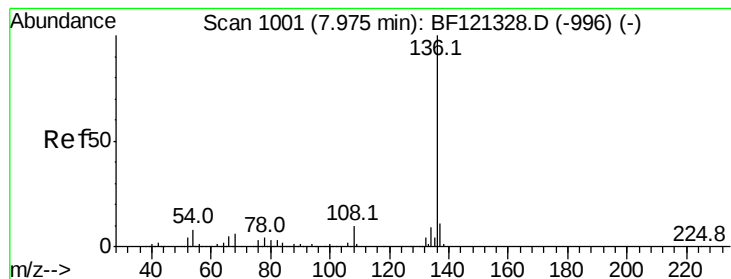
70 100

42 47.2 45.2 67.8

101 0.0 7.7 11.5#

130 2.4 17.6 26.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 604703

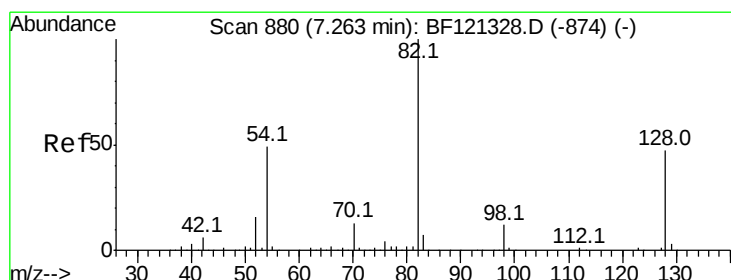
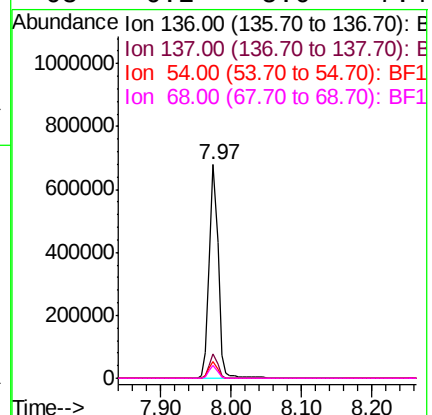
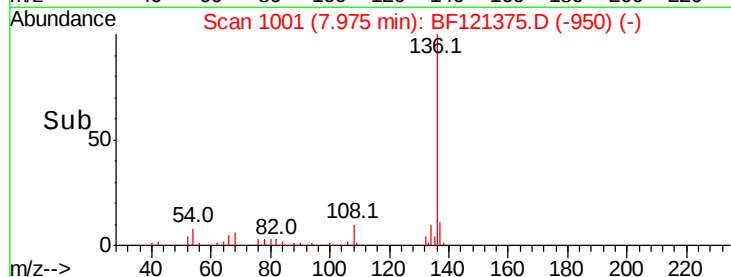
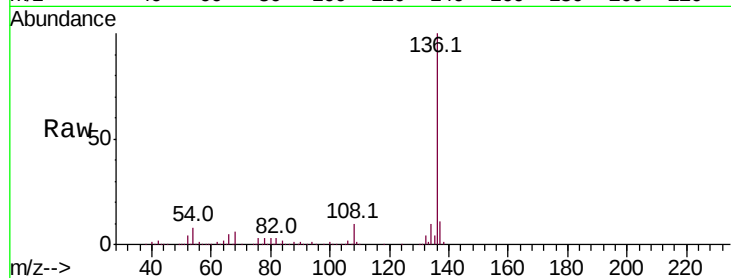
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.8 6.1 9.1

68 6.2 5.0 7.4



#23

Nitrobenzene-d5

Concen: 54.607 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

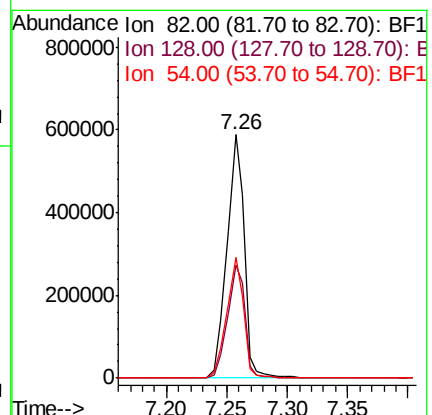
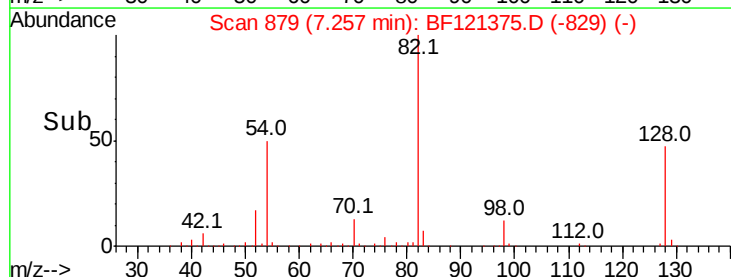
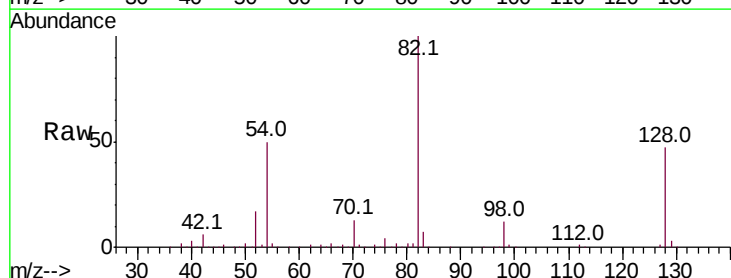
Tgt Ion: 82 Resp: 583863

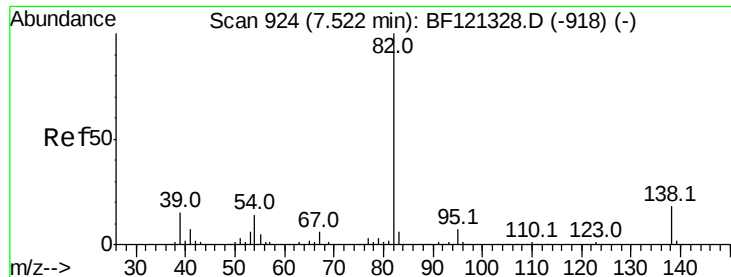
Ion Ratio Lower Upper

82 100

128 46.7 37.9 56.9

54 49.8 39.0 58.4





#25

Isophorone

Concen: 29.760 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

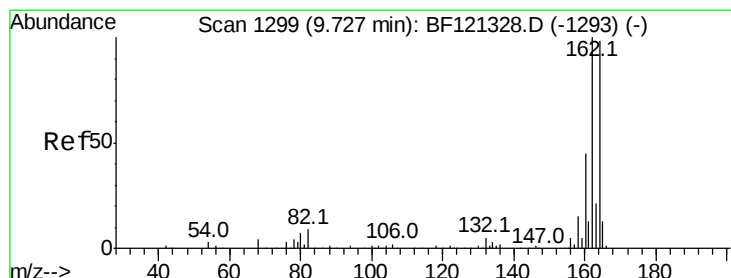
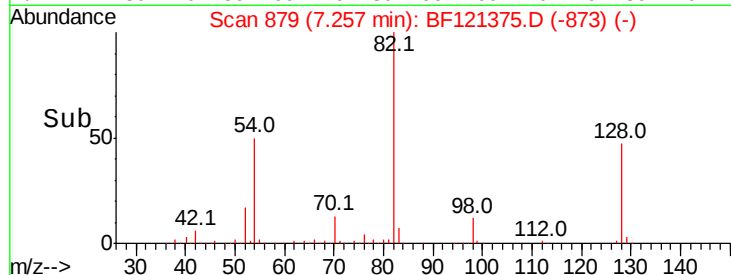
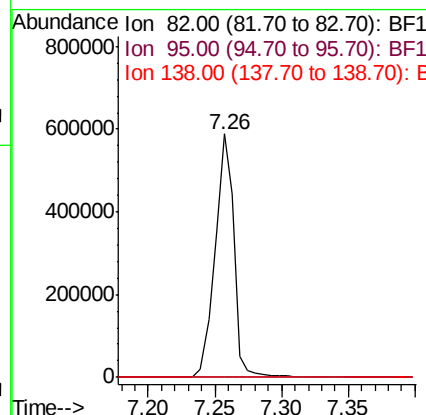
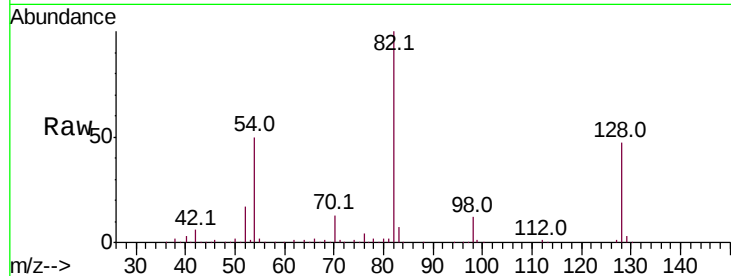
Tot Ion: 82 Resp: 579068

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 14.6 21.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

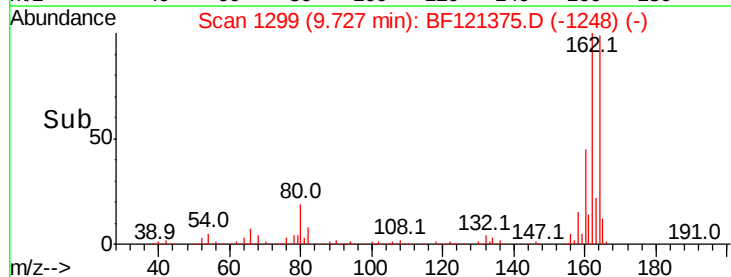
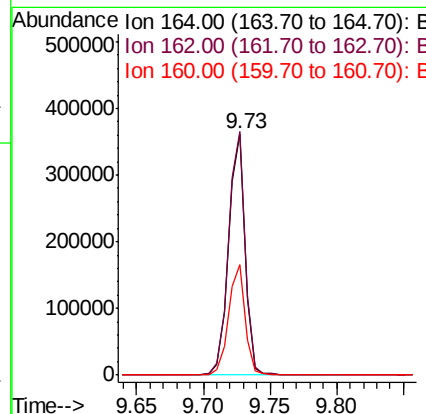
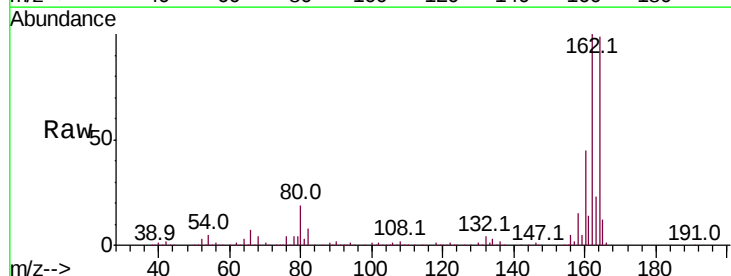
Tgt Ion:164 Resp: 317624

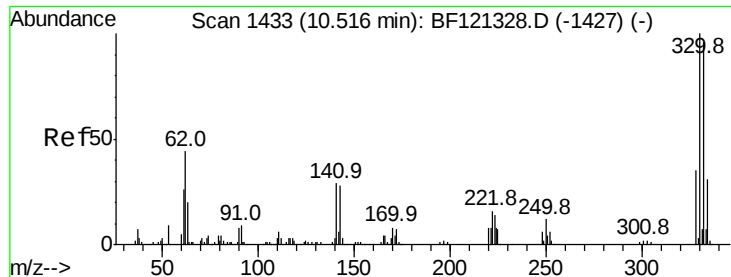
Ion Ratio Lower Upper

164 100

162 100.8 81.7 122.5

160 45.6 37.0 55.4

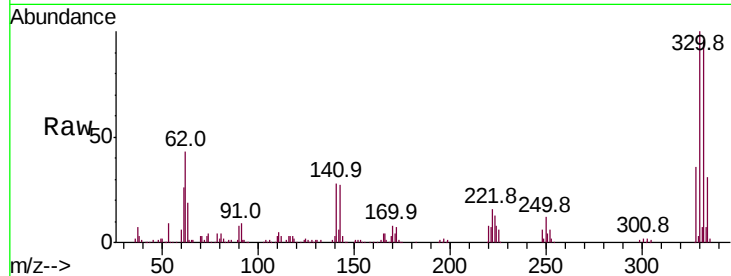




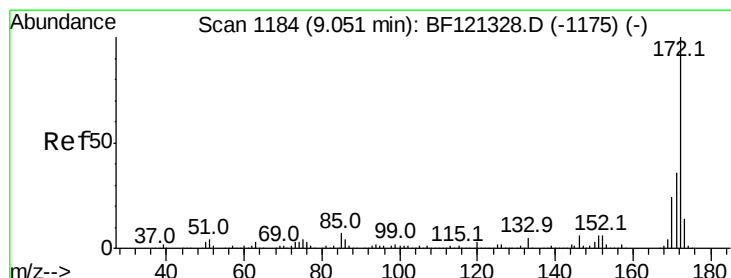
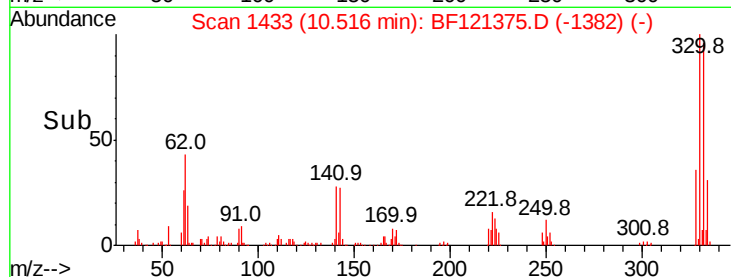
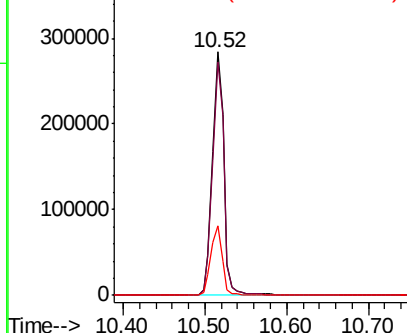
#42
 2,4,6-Tribromophenol
 Concen: 75.426 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.9	115.3
141	28.6	22.8	34.2

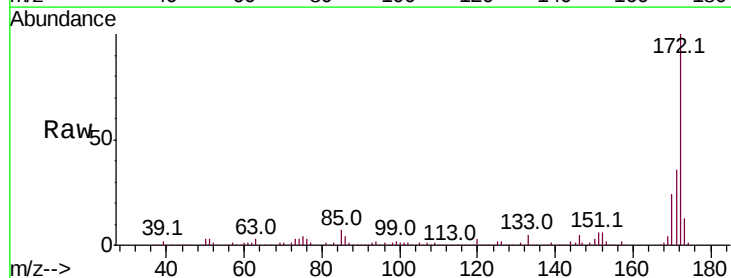


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

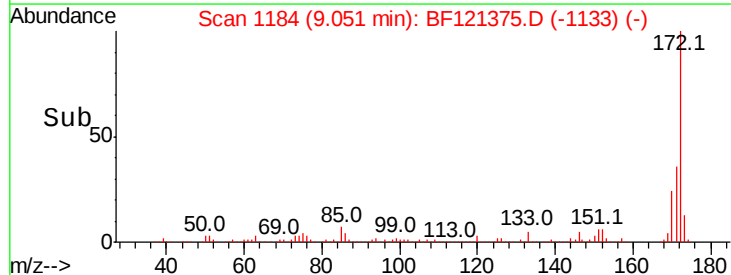
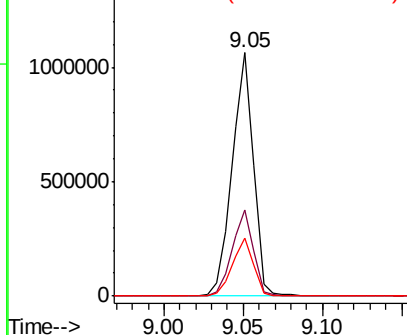


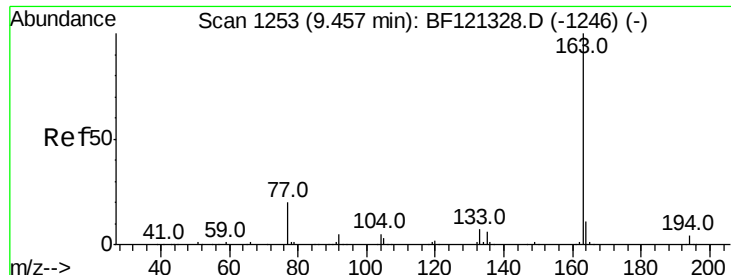
#45
 2-Fluorobiphenyl
 Concen: 55.368 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.0	43.6
170	24.0	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: 10.642 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

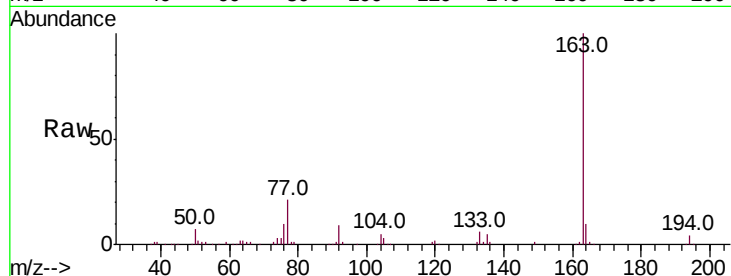
Tot Ion:163 Resp: 245915

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

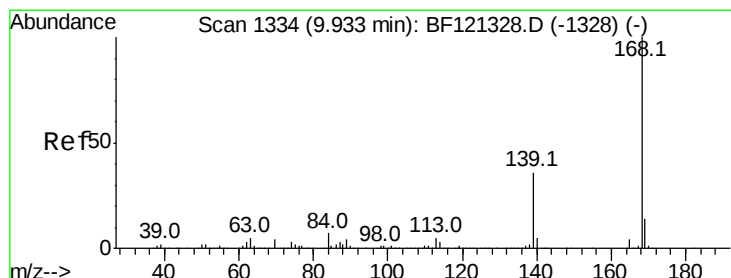
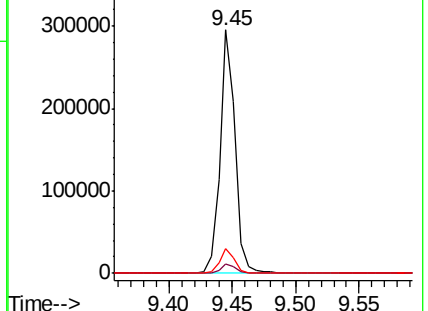
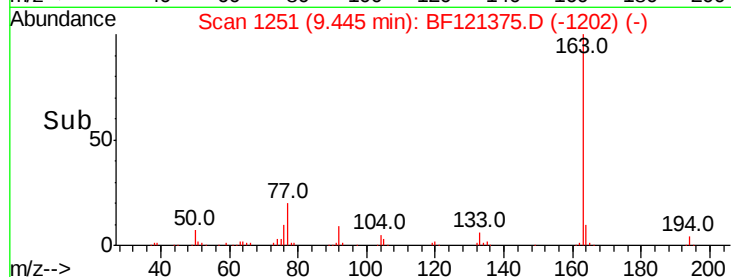
164 10.3 8.4 12.6



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



#55

Dibenzofuran

Concen: Below Cal

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

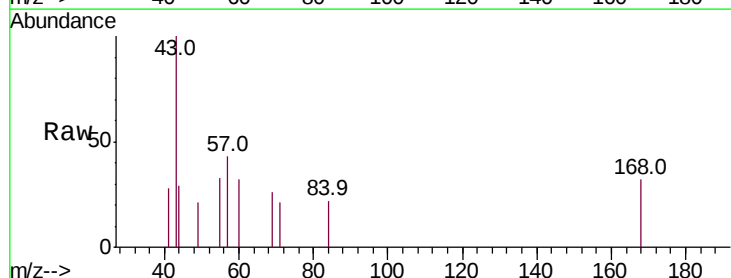
Tgt Ion:168 Resp: 322

Ion Ratio Lower Upper

168 100

139 0.0 29.1 43.7#

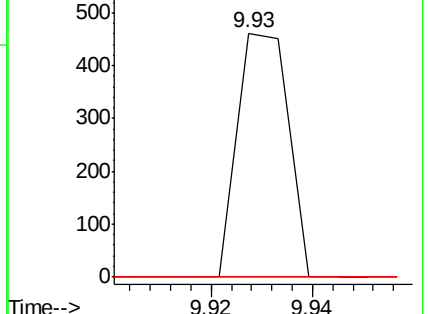
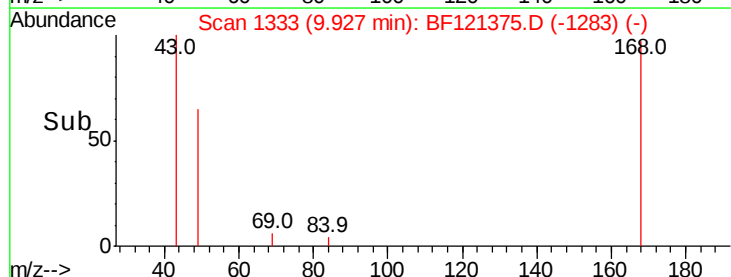
169 0.0 11.0 16.6#

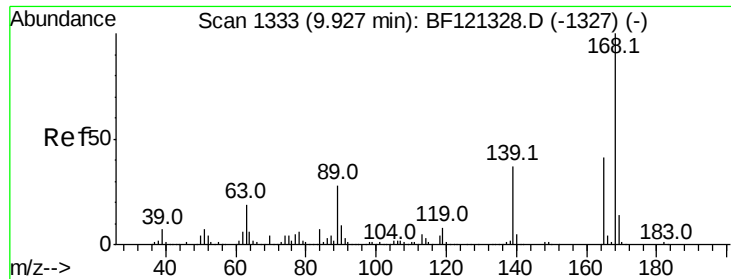


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

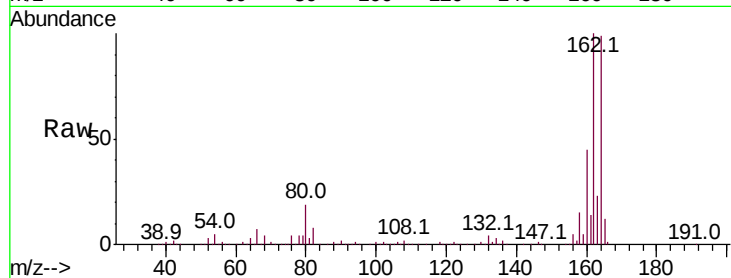




#57
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	37.5	56.3#
89	1.5	54.2	81.4#
182	0.0	2.2	3.4#

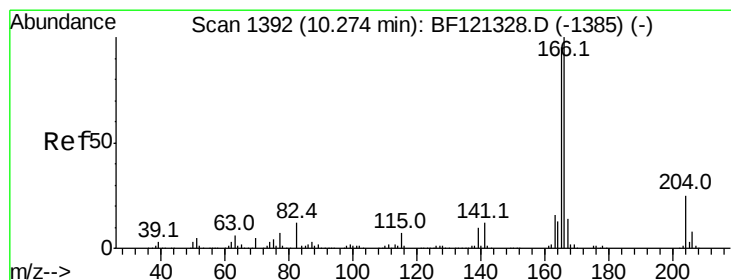
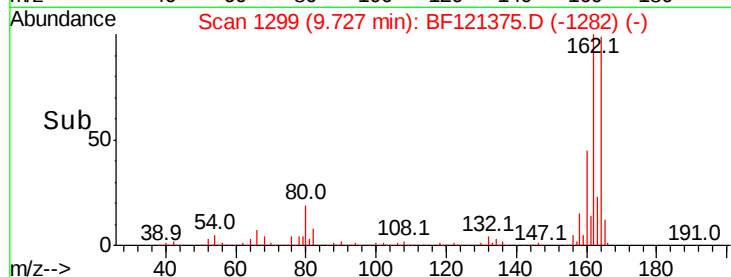
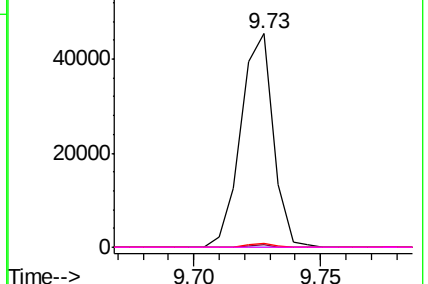


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

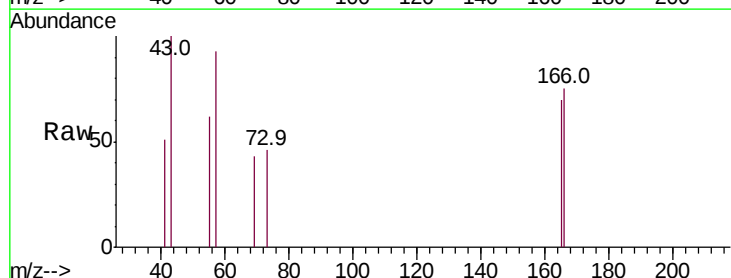
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: Below Cal
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

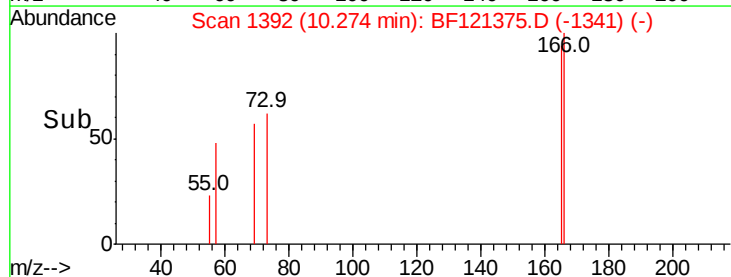
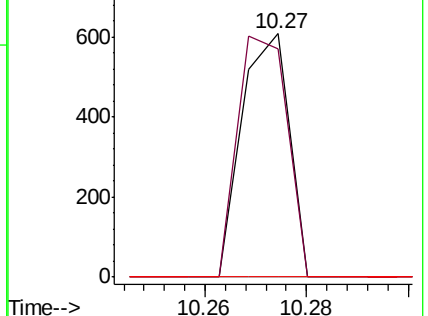
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.9	75.8	113.8
167	0.0	11.0	16.4#

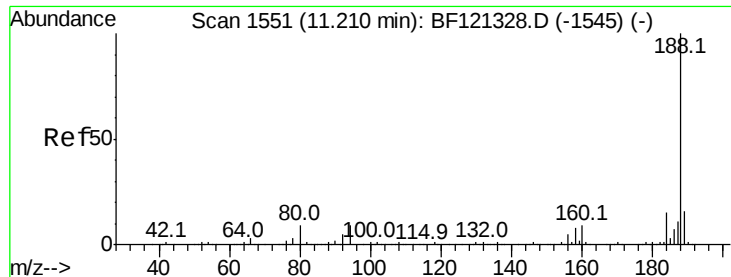


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

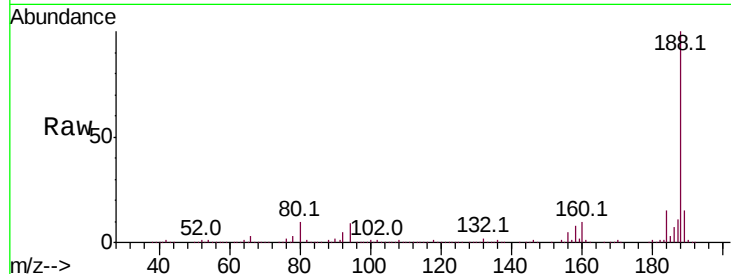




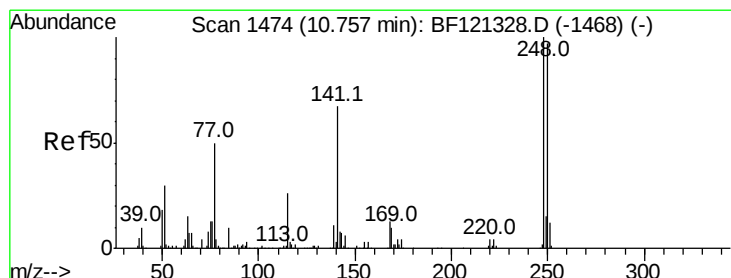
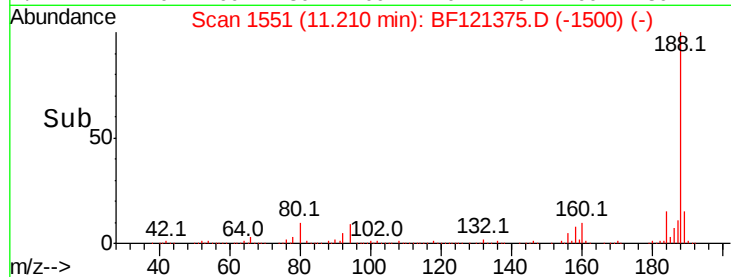
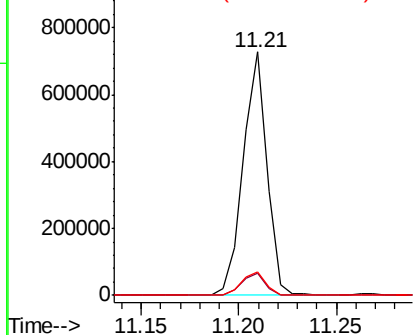
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.7	7.4	11.0

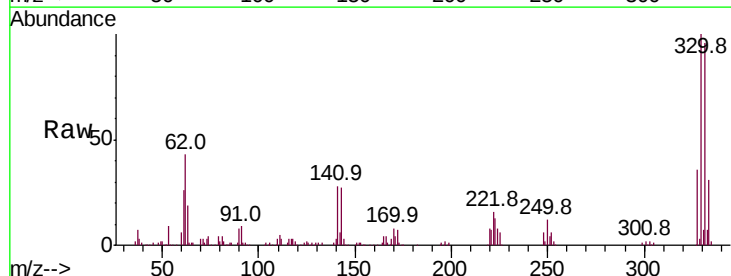


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

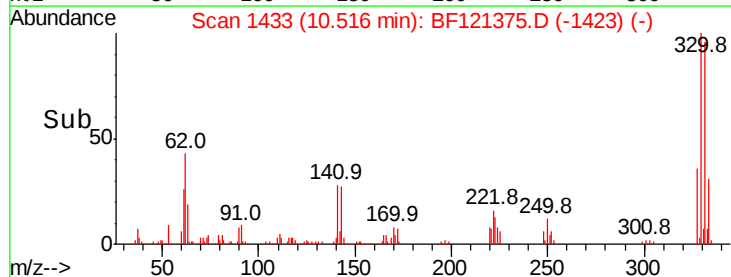
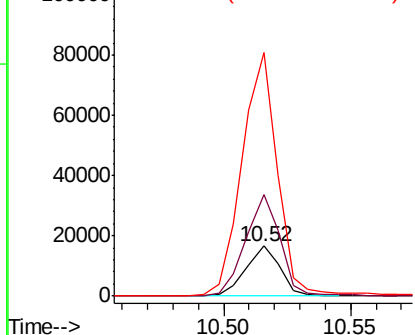


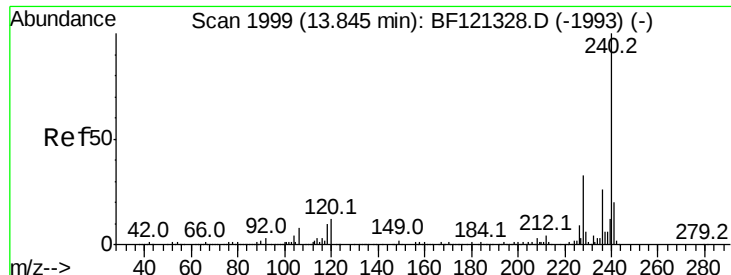
#67
 4-Bromophenyl-phenylether
 Concen: 2.299 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.24 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Tgt Ion	Ratio	Lower	Upper
248	100		
250	202.9	77.9	116.9#
141	488.9	53.5	80.3#



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: 13.84 min Scan# 1999

Delta R.T. -0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

Instrument :

BNA_F

ClientSampleId :

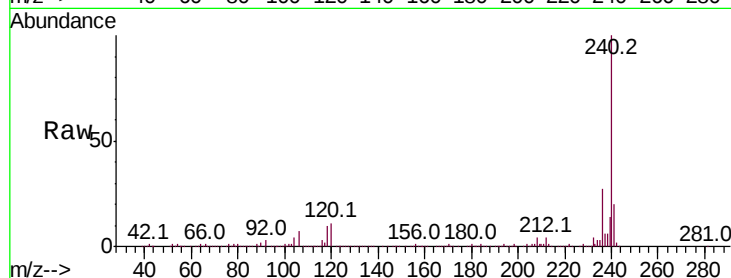
Tot Ion:240 Resp: 476796

Ion Ratio Lower Upper

240 100

120 11.4 9.6 14.4

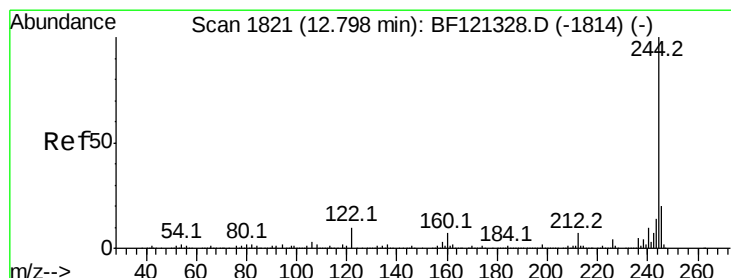
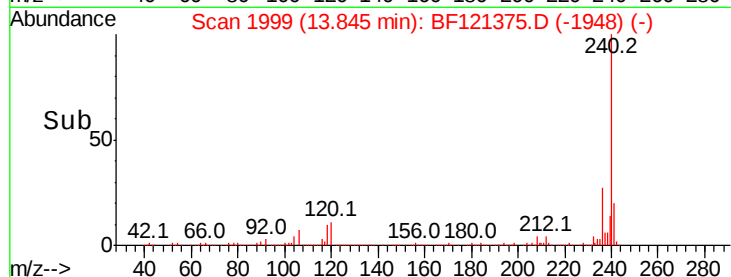
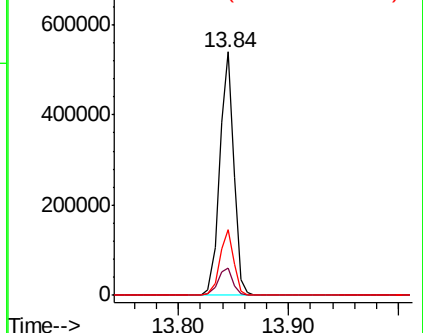
236 26.7 20.6 31.0



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: 44.527 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121375.D

Acq: 21 Aug 2020 19:16

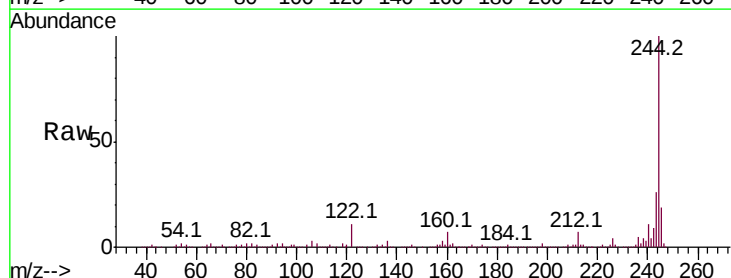
Tgt Ion:244 Resp: 1086425

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

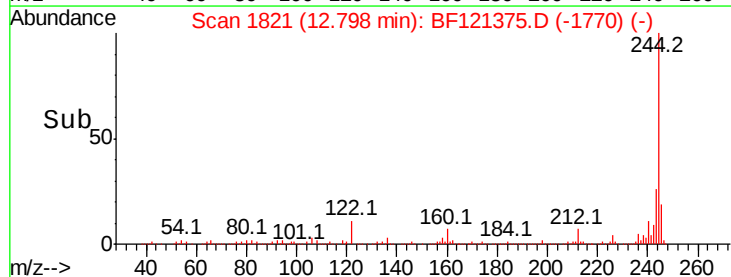
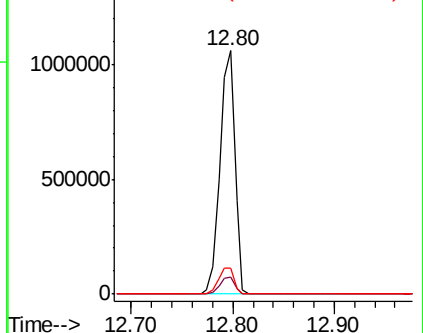
122 10.7 7.8 11.8

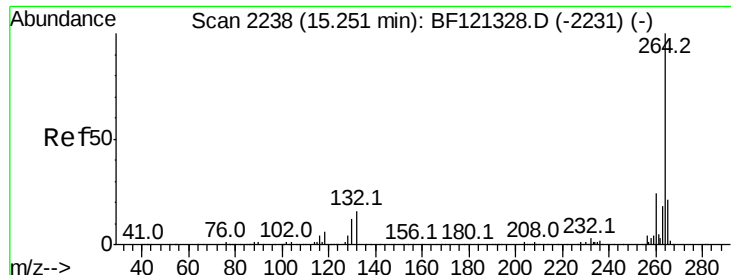


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

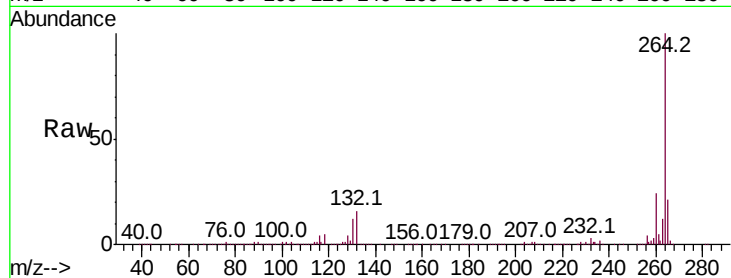




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF121375.D
 Acq: 21 Aug 2020 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	410352
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.3	17.1	25.7



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

