

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121353.D
 Acq On : 20 Aug 2020 18:16
 Operator : JU/CG
 Sample : L3496-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-081720

Quant Time: Aug 20 18:45:12 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

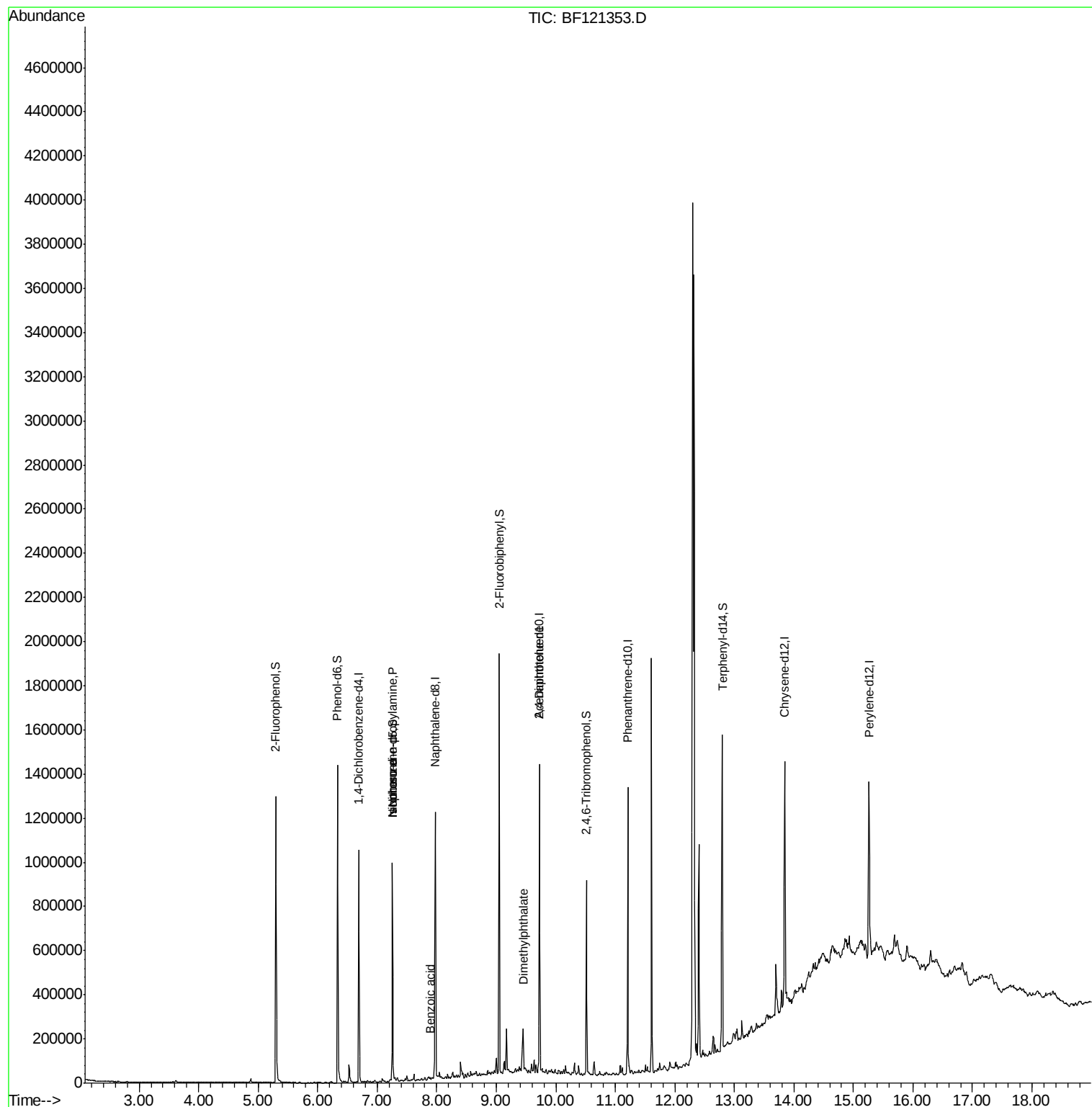
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	147204	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	548045	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	256968	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	441101	20.00	ng	0.00
76) Chrysene-d12	13.84	240	383856	20.00	ng	0.00
86) Perylene-d12	15.26	264	379750	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	389589	43.40	ng	0.00
7) Phenol-d6	6.33	99	466519	40.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	283123	29.22	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	109044	36.41	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	542540	32.55	ng	0.00
79) Terphenyl-d14	12.80	244	481309	24.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	38753	6.288	ng	# 79
25) Isophorone	7.26	82	282886	16.041	ng	# 65
32) Benzoic acid	7.89	122	117	7.083	ng	# 36
50) Dimethylphthalate	9.45	163	59829	3.200	ng	99
55) Dibenzofuran	9.93	168	891	Below Cal	#	37
57) 2,4-Dinitrotoluene	9.73	165	34204	7.022	ng	# 25
58) Fluorene	10.27	166	2100	Below Cal	#	83
61) 4-Chlorophenyl-phenylether	10.00	204	302	Below Cal	#	52

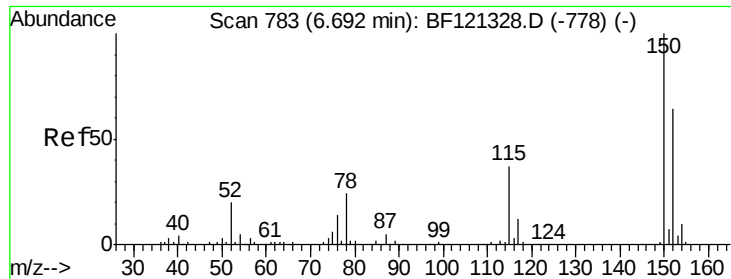
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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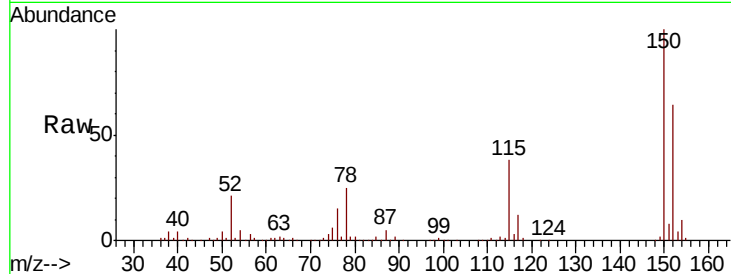


#1

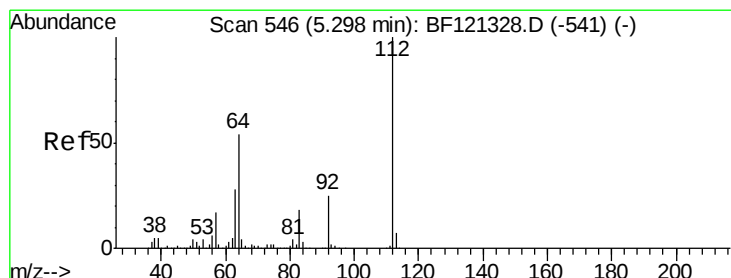
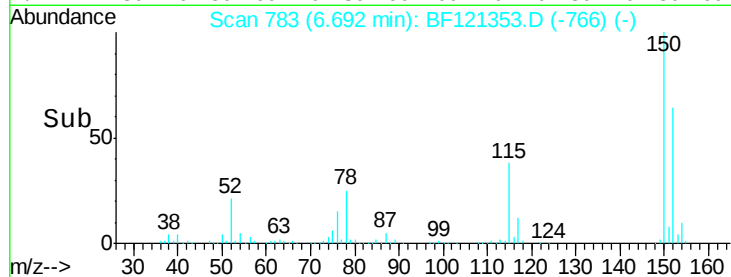
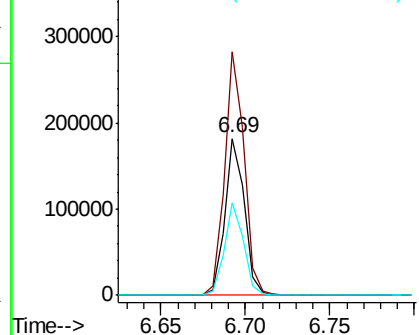
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF121353.D
 Acq: 20 Aug 2020 18:16

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-081720

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.8	187.2
115	59.4	46.1	69.1



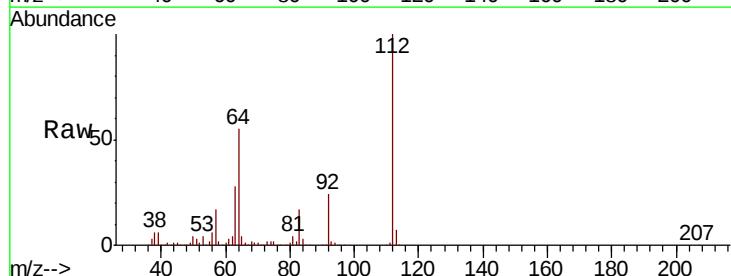
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



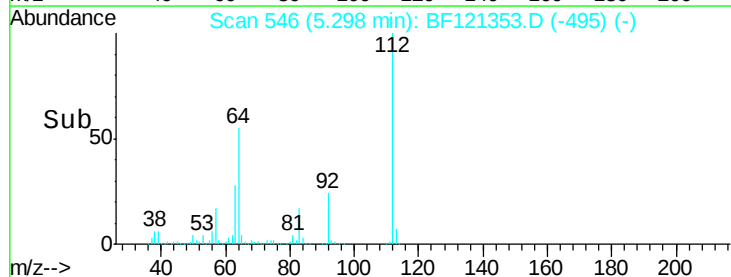
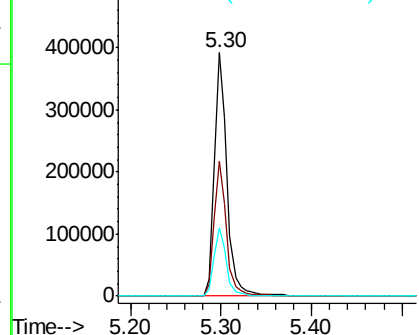
#5

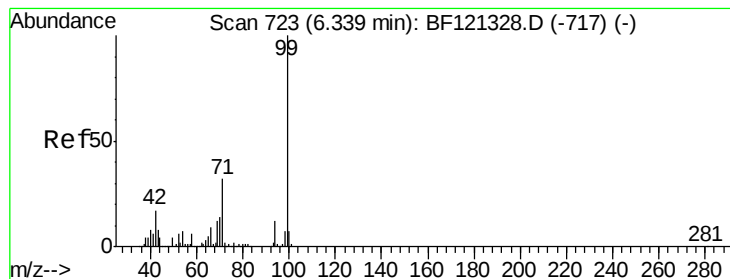
2-Fluorophenol
 Concen: 43.397 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF121353.D
 Acq: 20 Aug 2020 18:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.5	65.3
63	28.2	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: 40.707 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

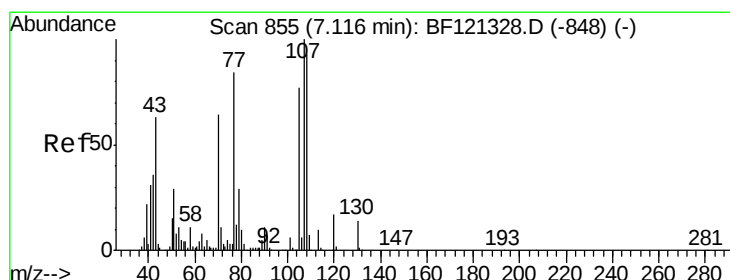
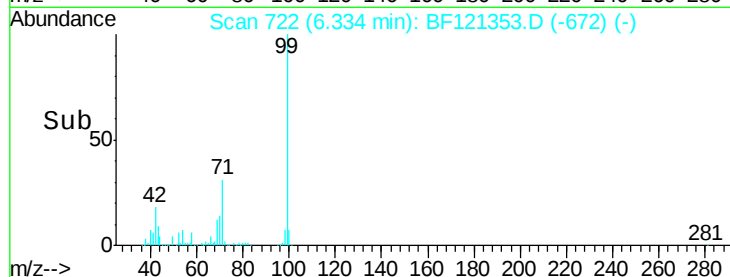
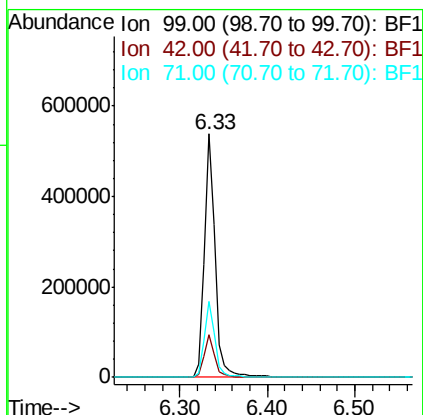
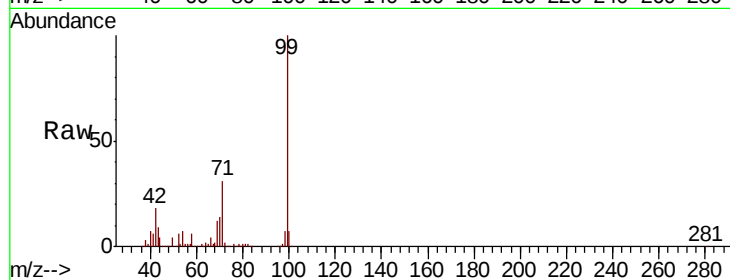
Tot Ion: 99 Resp: 466519

Ion Ratio Lower Upper

99 100

42 17.6 13.5 20.3

71 31.1 25.2 37.8



#19

n-Nitroso-di-n-propylamine

Concen: 6.288 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Tgt Ion: 70 Resp: 38753

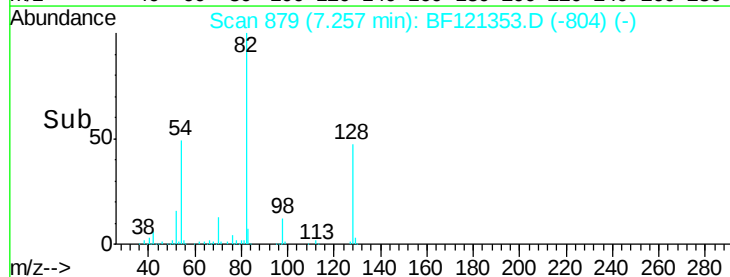
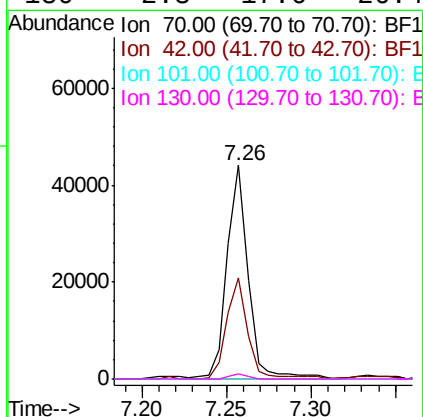
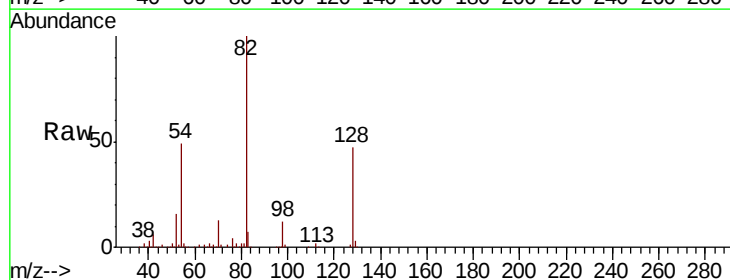
Ion Ratio Lower Upper

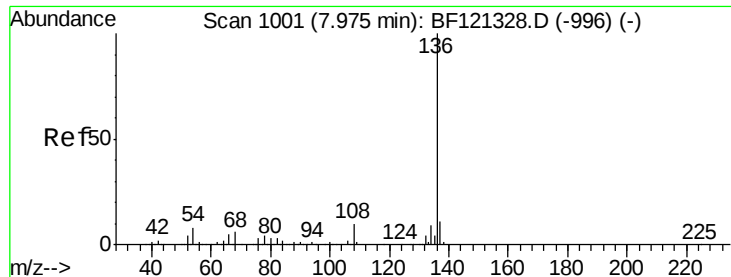
70 100

42 47.2 45.2 67.8

101 0.0 7.7 11.5#

130 2.3 17.6 26.4#

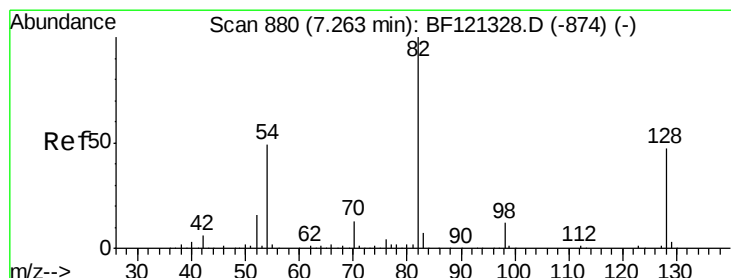
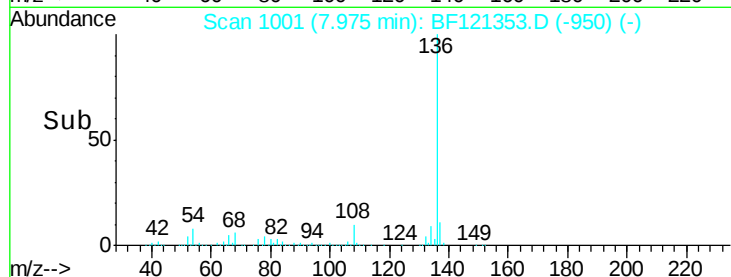
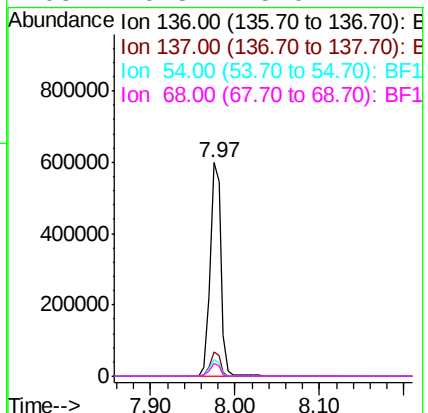
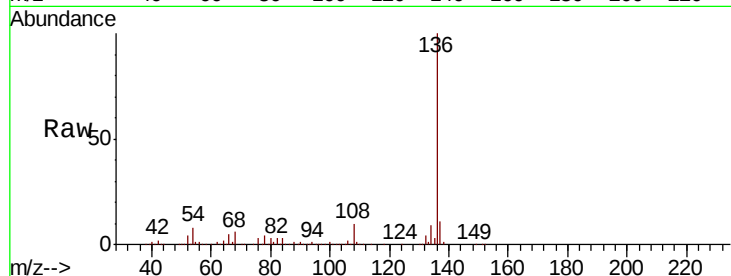




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF121353.D
Acq: 20 Aug 2020 18:16

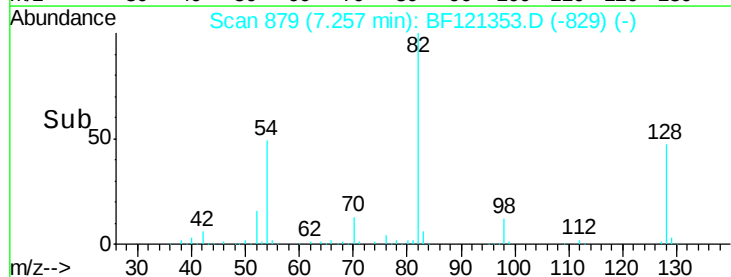
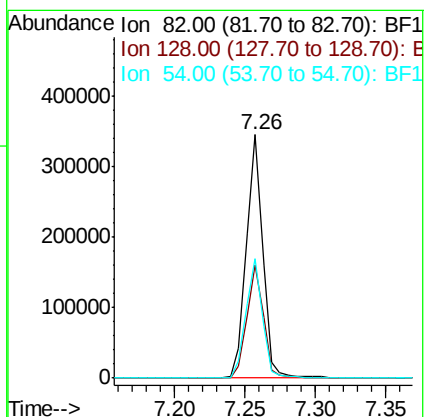
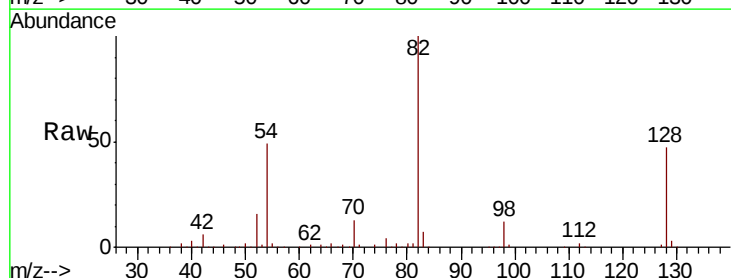
Instrument :
BNA_F
ClientSampleId :
AU-06-081720

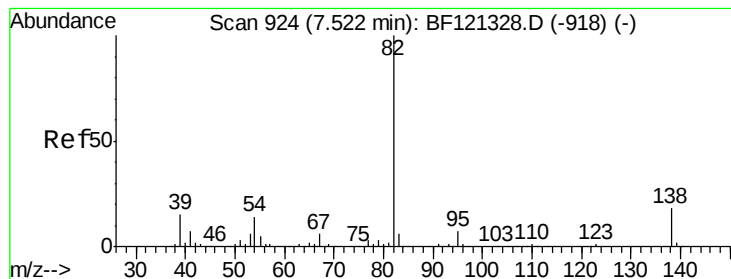
Tot Ion:136	Resp:	548045
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	8.1	6.1 9.1
68	6.3	5.0 7.4



#23
Nitrobenzene-d5
Concen: 29.217 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF121353.D
Acq: 20 Aug 2020 18:16

Tgt Ion: 82	Resp:	283123
Ion Ratio	Lower	Upper
82	100	
128	46.7	37.9 56.9
54	48.8	39.0 58.4





#25

Isophorone

Concen: 16.041 ng

RT: 7.26 min Scan# 879

Delta R.T. -0.26 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

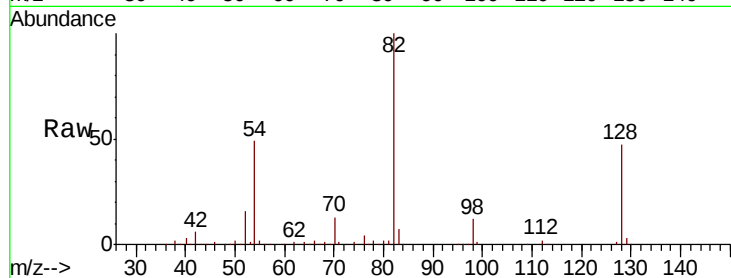
Tot Ion: 82 Resp: 282886

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

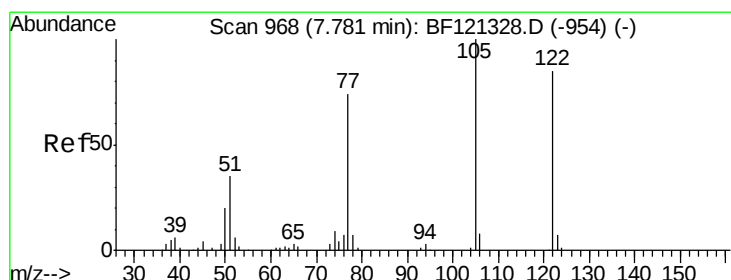
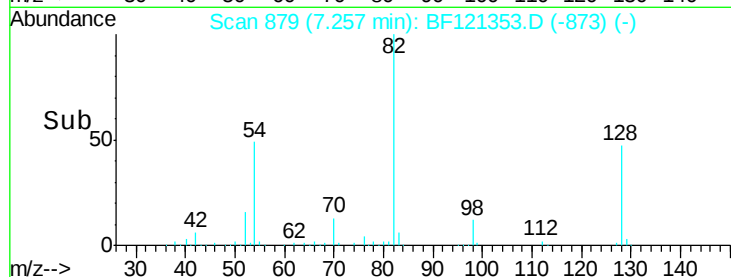
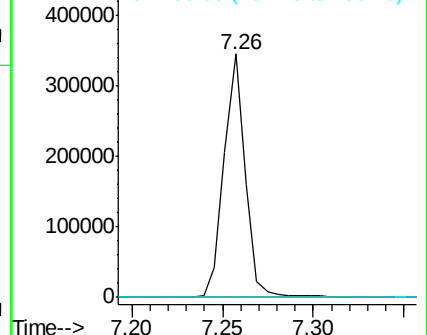
138 0.0 14.6 21.8#



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



#32

Benzoic acid

Concen: 7.083 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.11 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

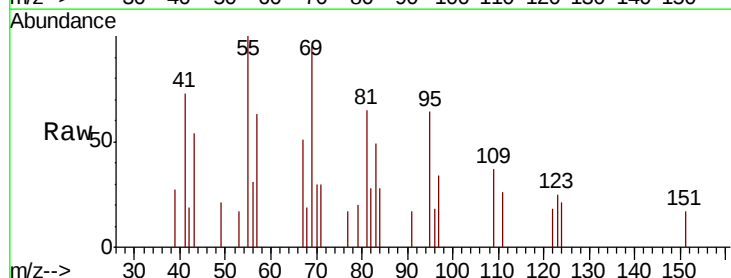
Tgt Ion: 122 Resp: 117

Ion Ratio Lower Upper

122 100

105 0.0 96.7 136.7#

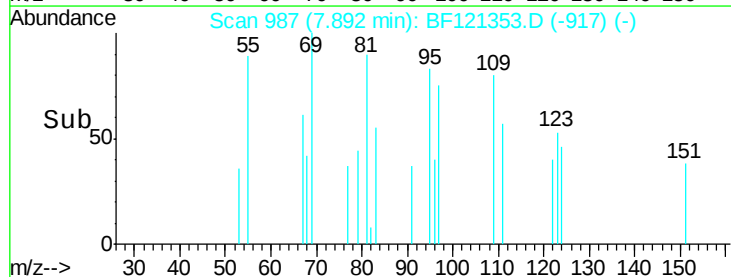
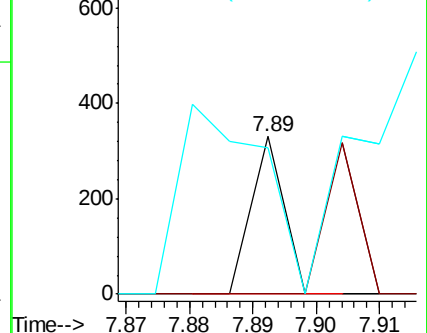
77 92.4 66.7 106.7

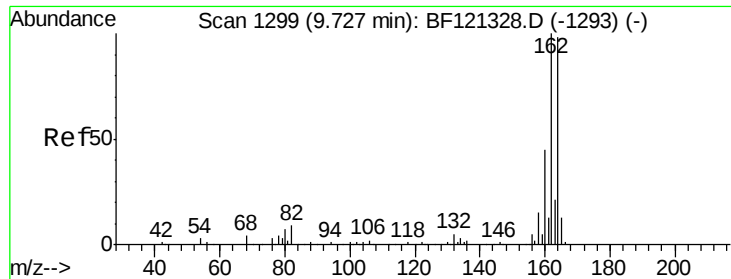


Abundance Ion 122.00 (121.70 to 122.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

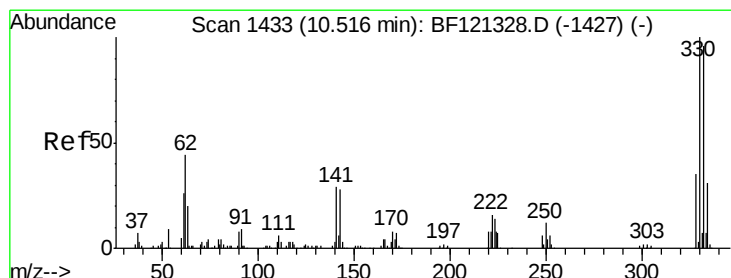
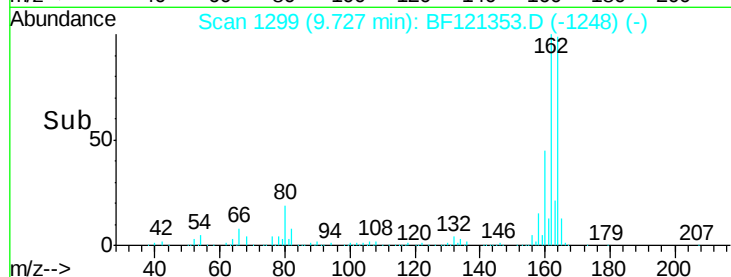
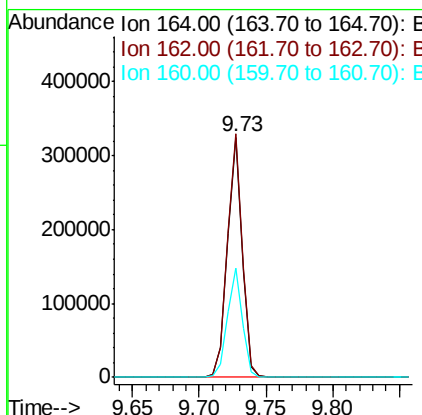
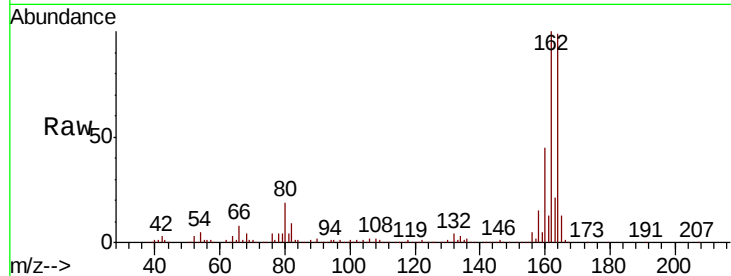




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121353.D
 Acq: 20 Aug 2020 18:16

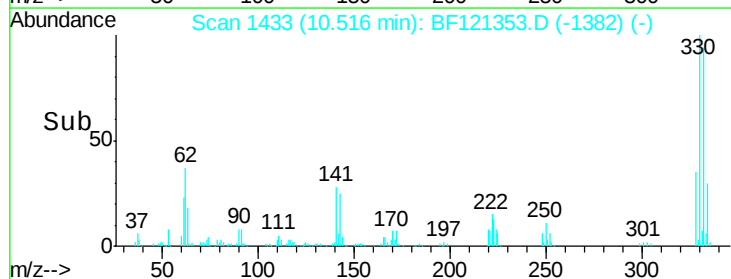
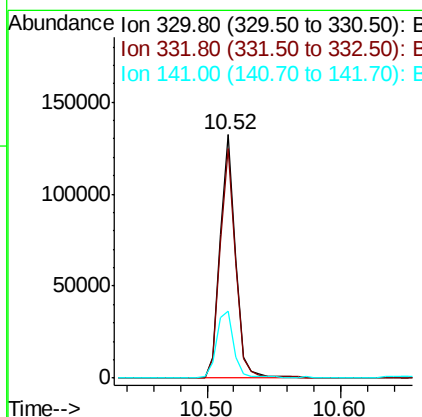
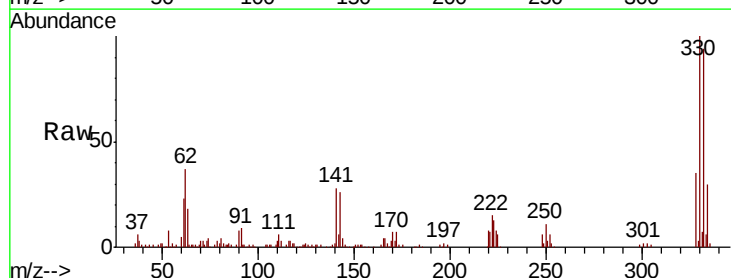
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 BNA_F
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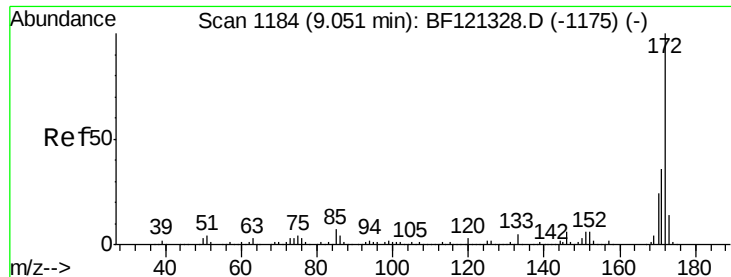
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.3	37.0	55.4



#42
 2,4,6-Tribromophenol
 Concen: 36.415 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121353.D
 Acq: 20 Aug 2020 18:16

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.9	115.3
141	30.2	22.8	34.2

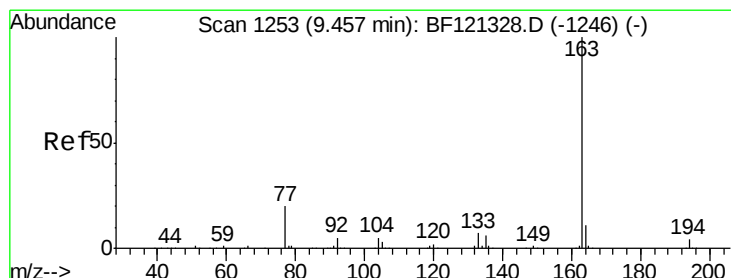
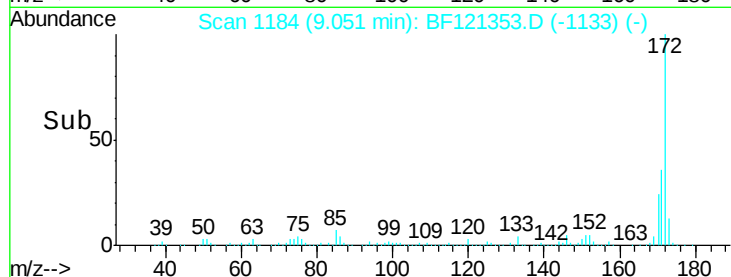
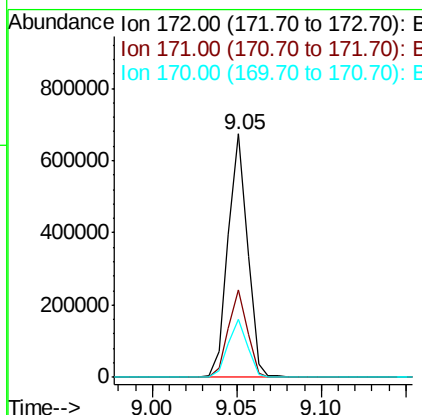
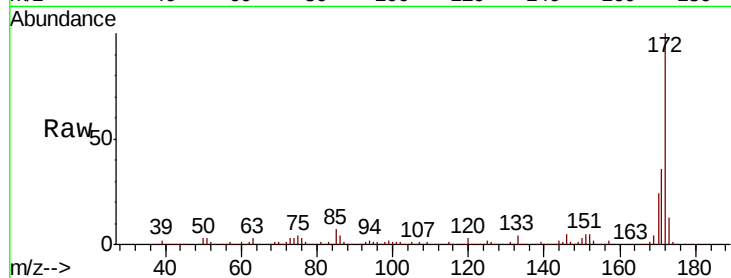




#45
2-Fluorobiphenyl
Concen: 32.555 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121353.D
Acq: 20 Aug 2020 18:16

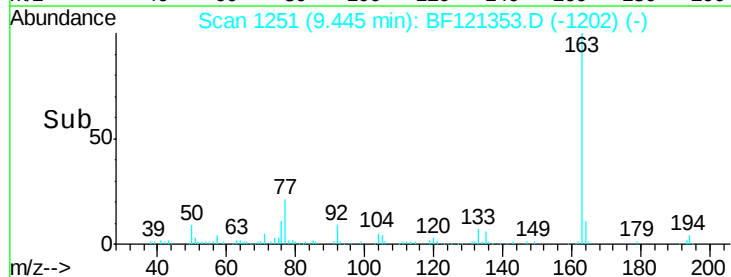
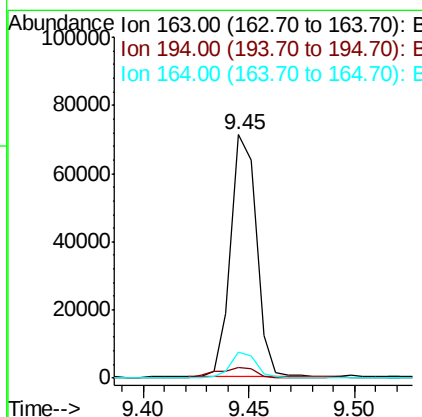
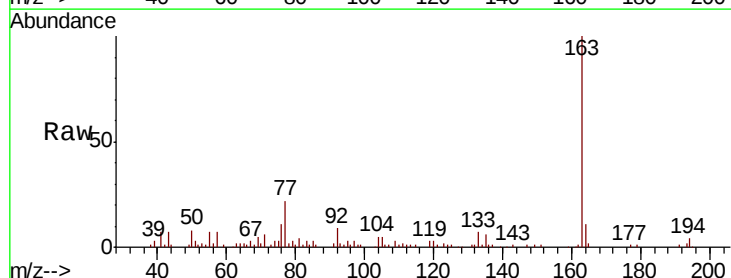
Instrument :
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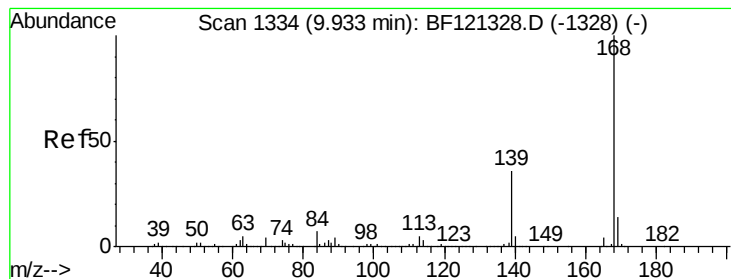
Tot Ion:172 Resp: 542540
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 23.7 19.4 29.2



#50
Dimethylphthalate
Concen: 3.200 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121353.D
Acq: 20 Aug 2020 18:16

Tgt Ion:163 Resp: 59829
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.6
164 10.6 8.4 12.6





#55

Dibenzofuran

Concen: Below Cal

RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

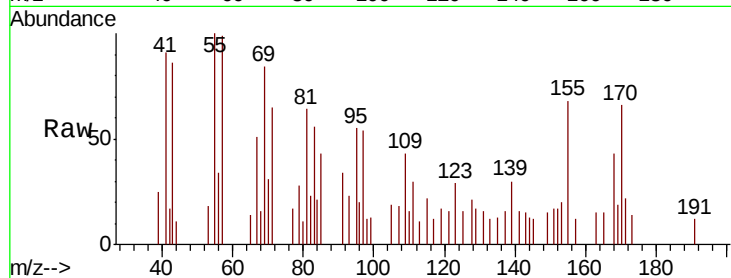
Tot Ion:168 Resp: 891

Ion Ratio Lower Upper

168 100

139 70.8 29.1 43.7#

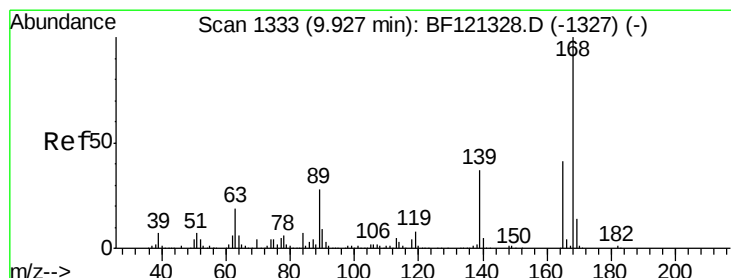
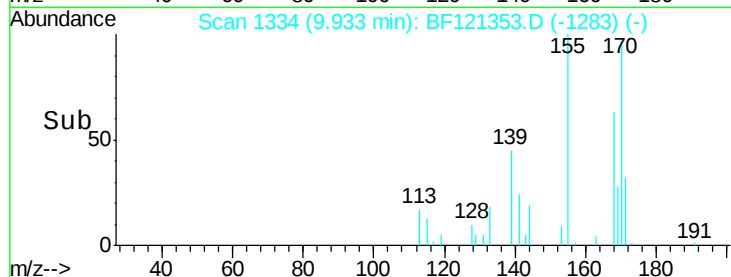
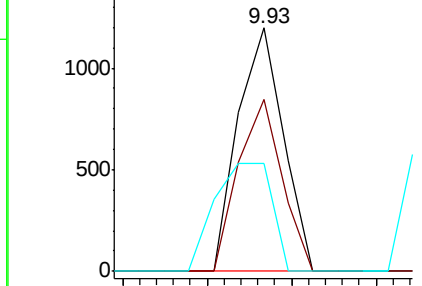
169 44.5 11.0 16.6#



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: 7.022 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Tgt Ion:165 Resp: 34204

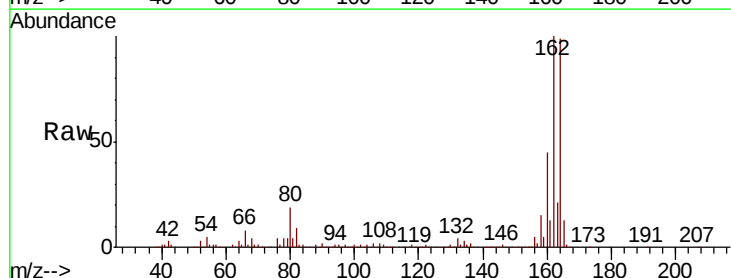
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.2 54.2 81.4#

182 0.0 2.2 3.4#

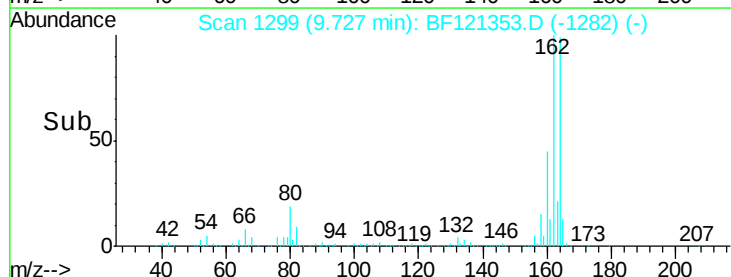
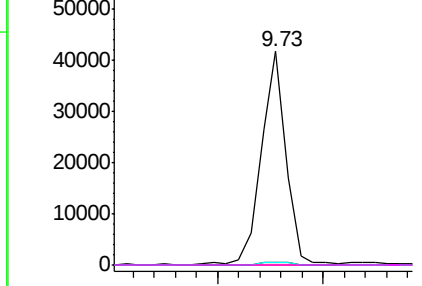


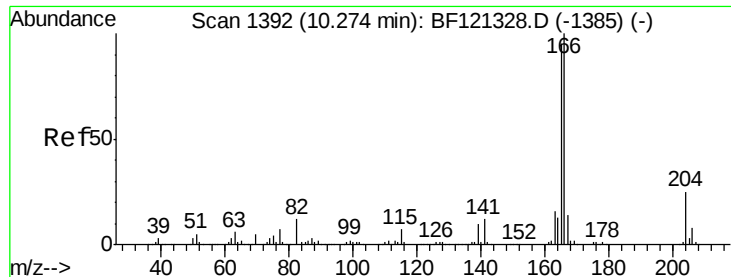
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

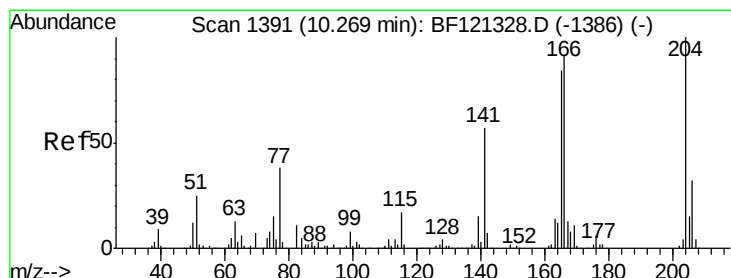
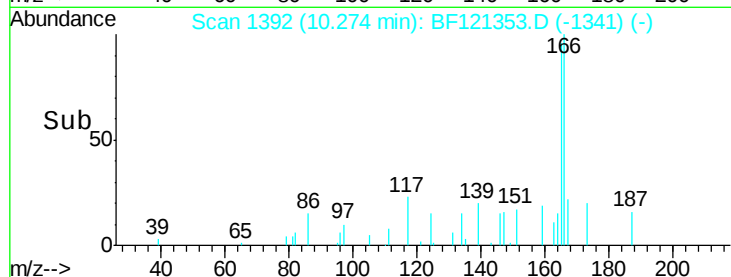
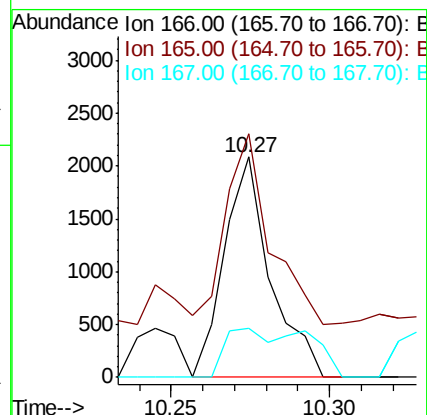
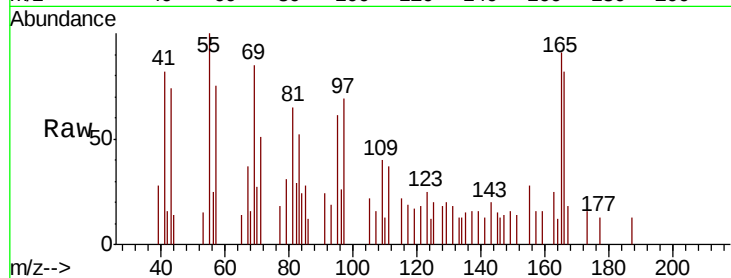
Tot Ion:166 Resp: 2100

Ion Ratio Lower Upper

166 100

165 110.5 75.8 113.8

167 22.3 11.0 16.4#



#61

4-Chlorophenyl-phenylether

Concen: Below Cal

RT: 10.00 min Scan# 1345

Delta R.T. -0.27 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

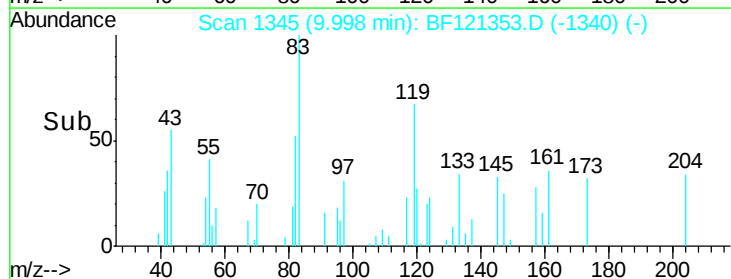
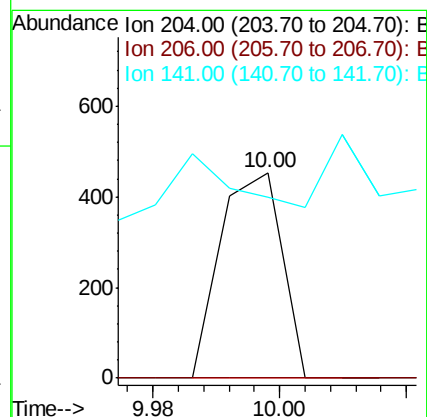
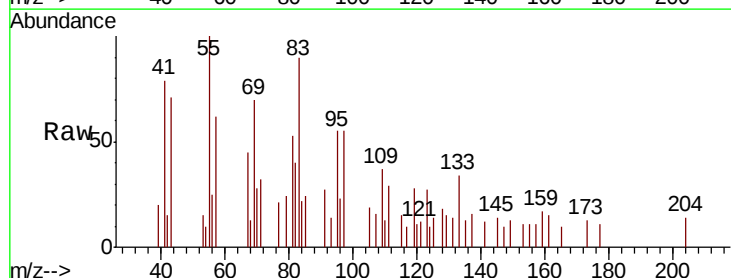
Tgt Ion:204 Resp: 302

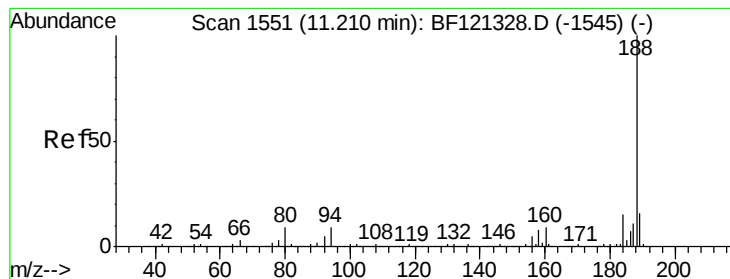
Ion Ratio Lower Upper

204 100

206 0.0 25.9 38.9#

141 87.9 45.5 68.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

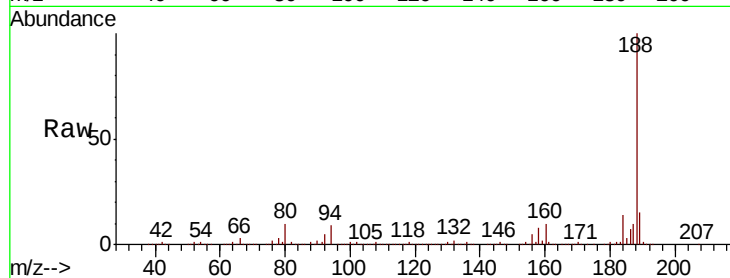
Tot Ion:188 Resp: 441101

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

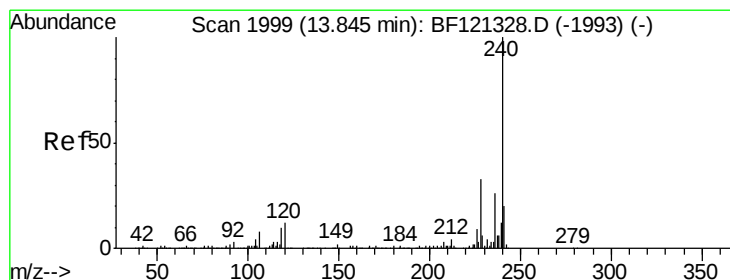
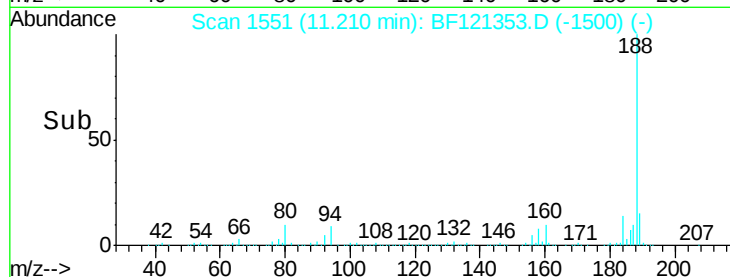
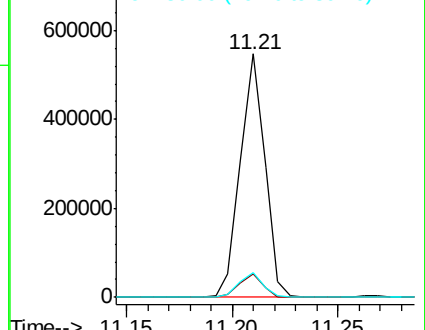
80 9.9 7.4 11.0



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

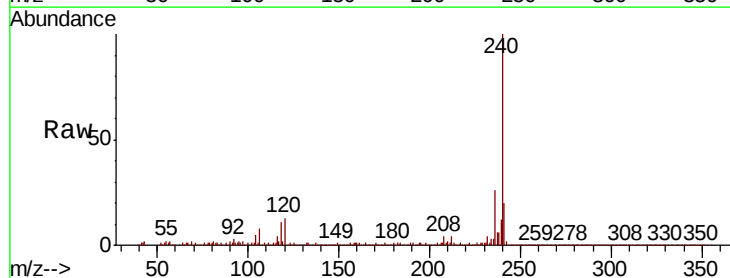
Tgt Ion:240 Resp: 383856

Ion Ratio Lower Upper

240 100

120 12.7 9.6 14.4

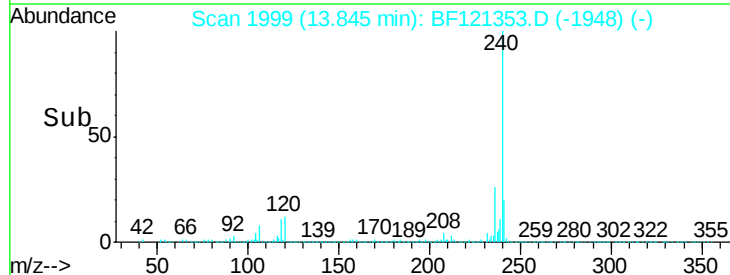
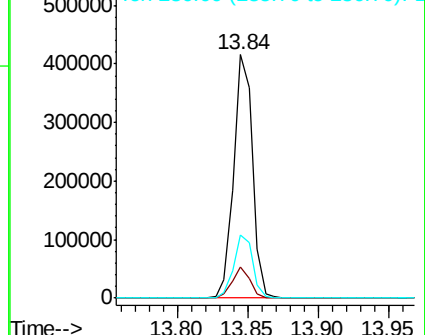
236 26.0 20.6 31.0

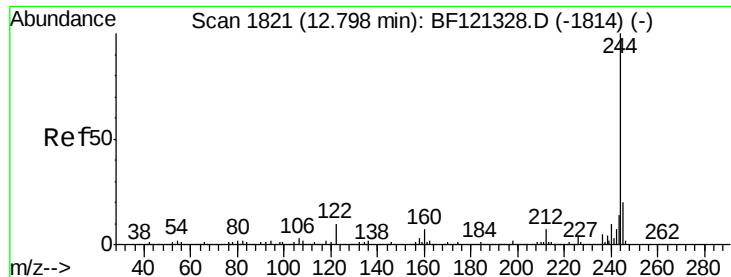


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 24.503 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

Instrument :

BNA_F

ClientSampleId :

AU-06-081720

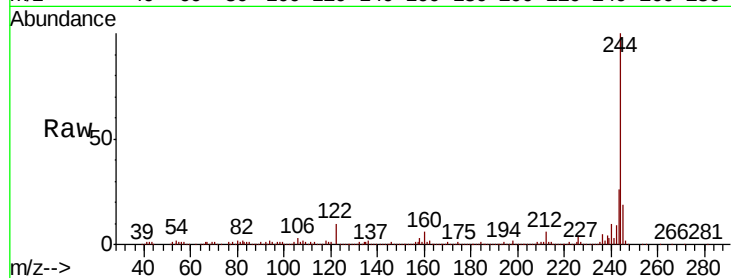
Tot Ion:244 Resp: 481309

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

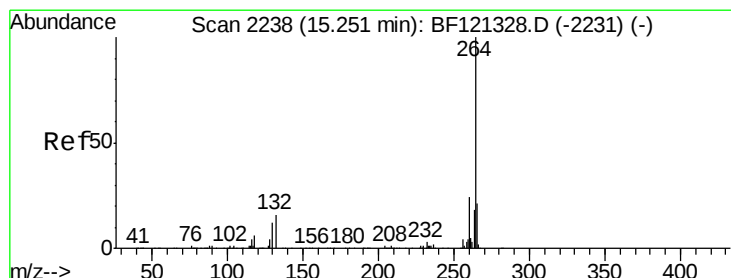
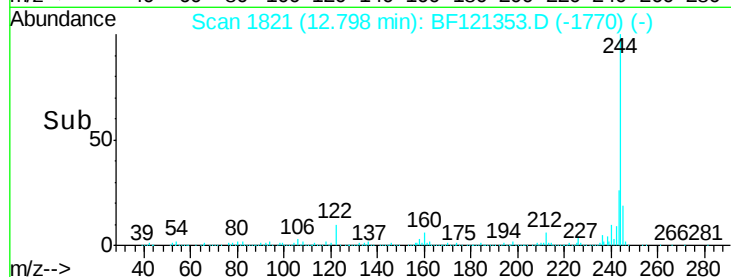
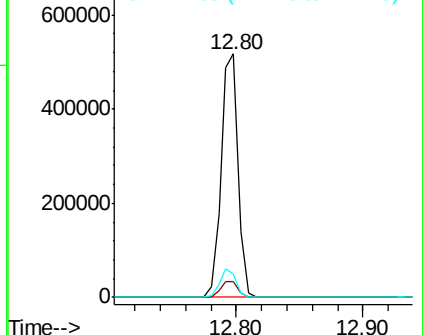
122 9.7 7.8 11.8



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

Perylene-d12

Concen: 20.000 ng

RT: 15.26 min Scan# 2240

Delta R.T. 0.01 min

Lab File: BF121353.D

Acq: 20 Aug 2020 18:16

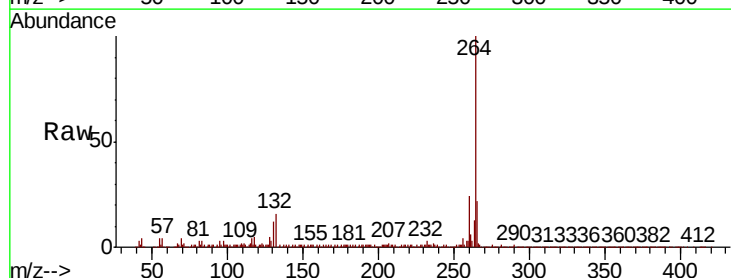
Tgt Ion:264 Resp: 379750

Ion Ratio Lower Upper

264 100

260 24.2 19.5 29.3

265 21.8 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

