

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082120\
 Data File : BF121374.D
 Acq On : 21 Aug 2020 18:45
 Operator : JU/CG
 Sample : L3719-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 22 00:34:32 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

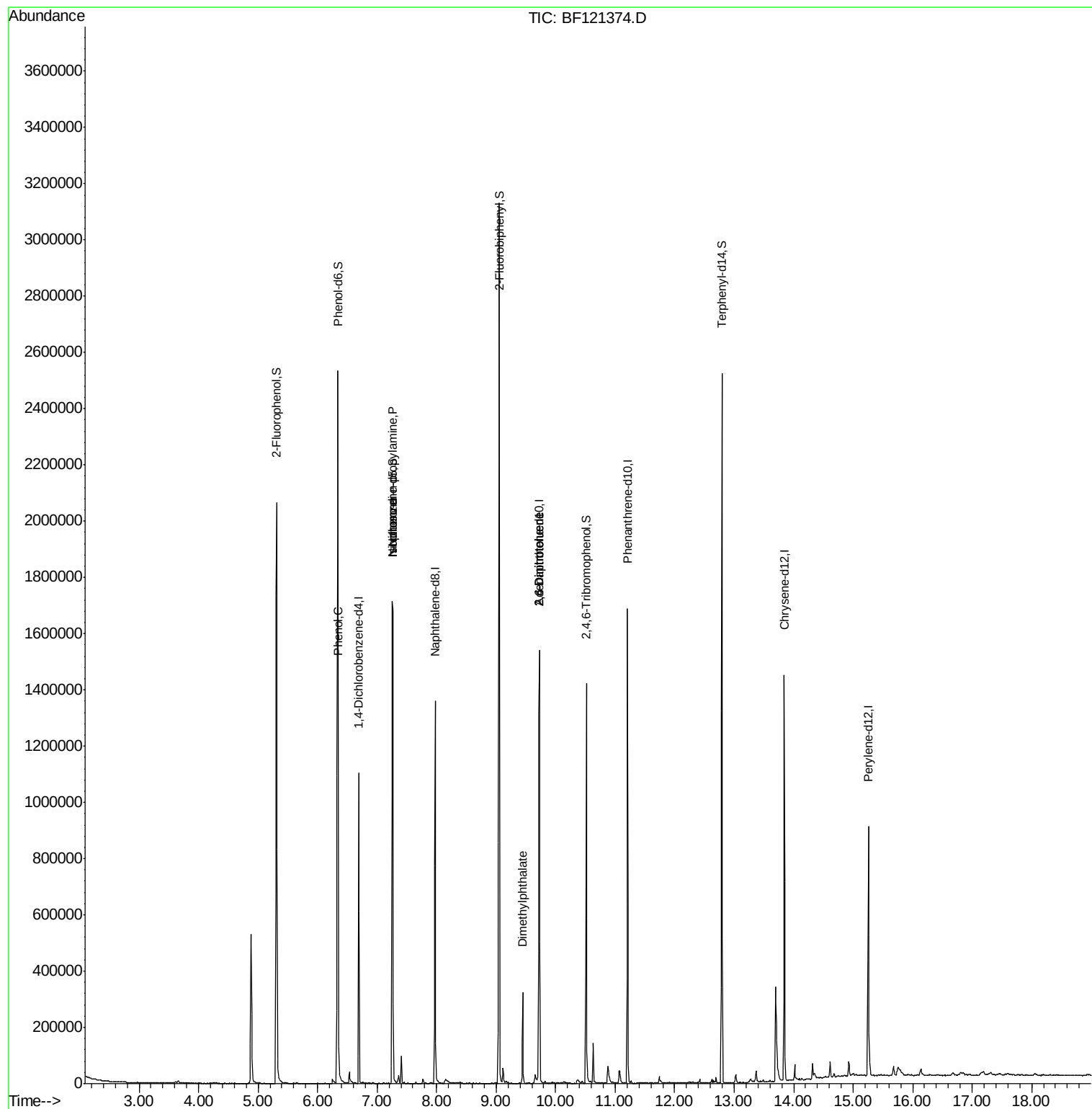
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	157674	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	619792	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	320529	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	612116	20.00	ng	0.00
76) Chrysene-d12	13.84	240	465076	20.00	ng	0.00
86) Perylene-d12	15.26	264	393725	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	637312	66.28	ng	0.01
7) Phenol-d6	6.34	99	972395	79.21	ng	0.00
23) Nitrobenzene-d5	7.26	82	642086	58.59	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	190340	50.96	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1038177	58.08	ng	0.00
79) Terphenyl-d14	12.79	244	880837	37.01	ng	0.00
Target Compounds						
10) Phenol	6.35	94	39374	3.059	ng	80
19) n-Nitroso-di-n-propylamine	7.26	70	85392	12.935	ng	# 78
25) Isophorone	7.26	82	637500	31.965	ng	# 65
50) Dimethylphthalate	9.45	163	122595	5.257	ng	99
51) 2,6-Dinitrotoluene	9.73	165	41209	8.275	ng	# 29
55) Dibenzofuran	9.93	168	116	Below Cal	#	46
57) 2,4-Dinitrotoluene	9.73	165	41209	6.783	ng	# 25
58) Fluorene	10.52	166	7867	Below Cal	#	87

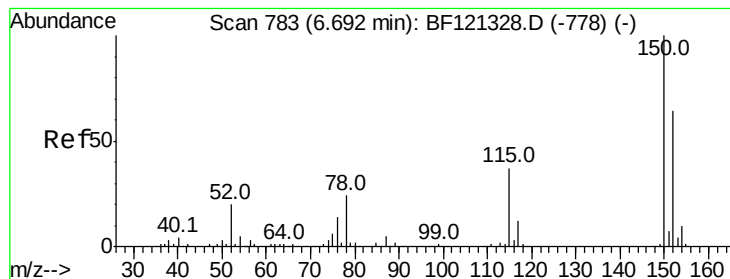
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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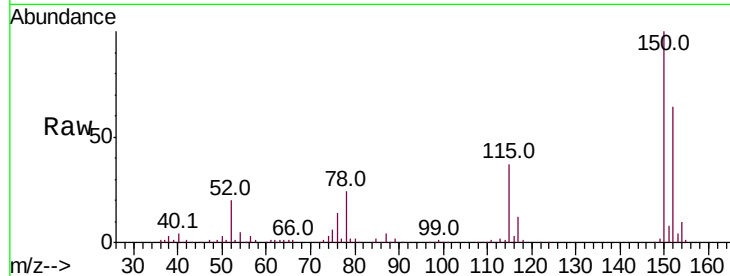


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.8	187.2
115	59.0	46.1	69.1

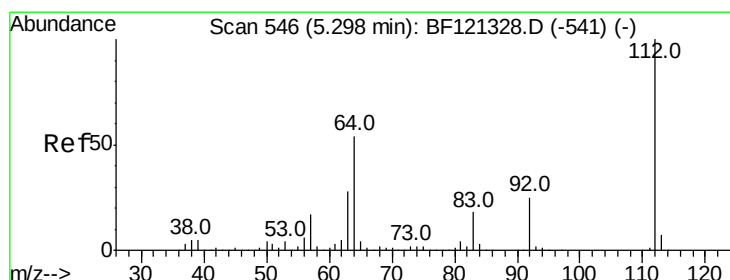
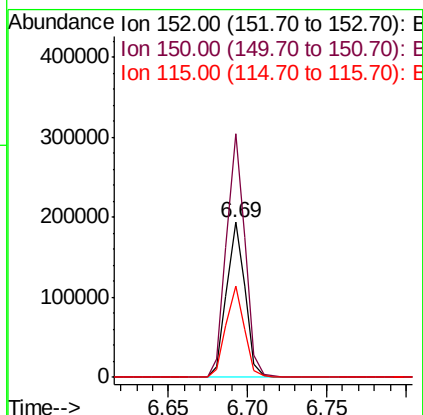
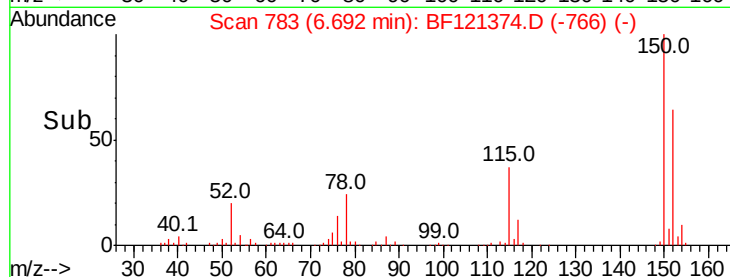


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

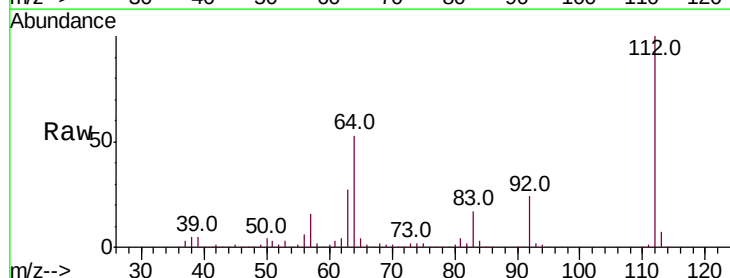
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 66.277 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.4	43.5	65.3
63	27.3	22.0	33.0

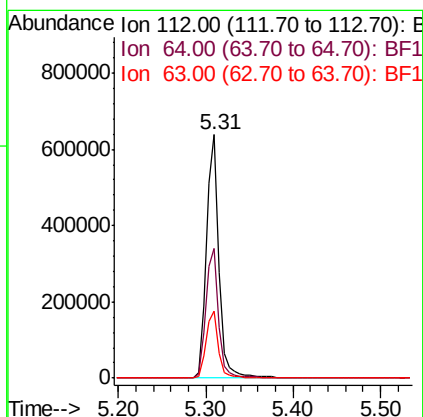
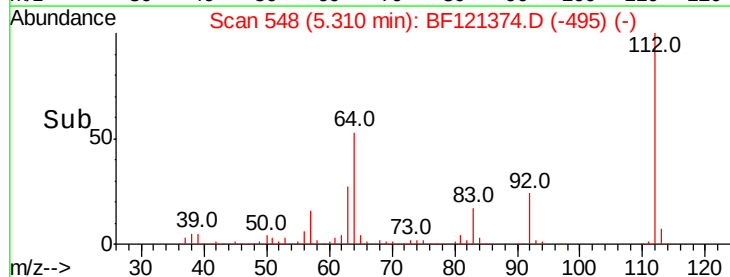


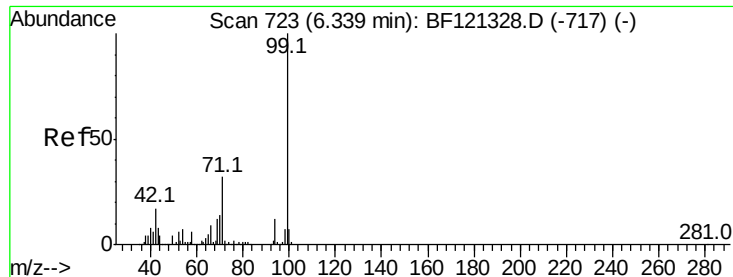
Abundance

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: 79.215 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

Instrument :

BNA_F

ClientSampled :

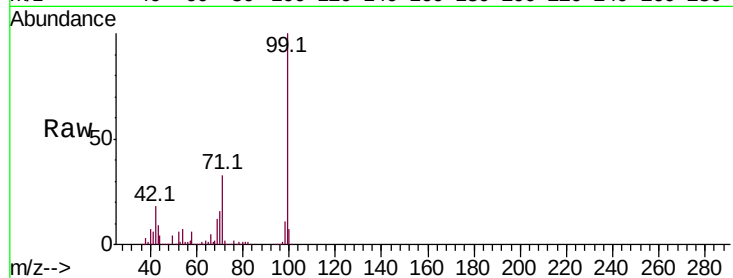
Tot Ion: 99 Resp: 972395

Ion Ratio Lower Upper

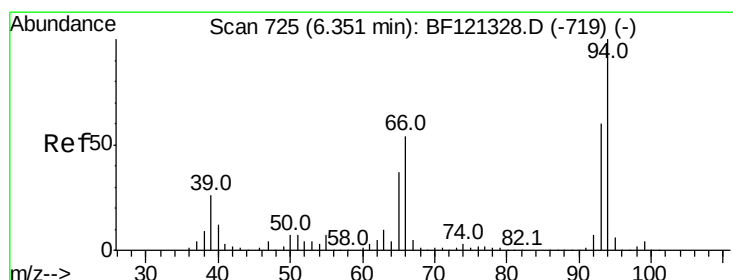
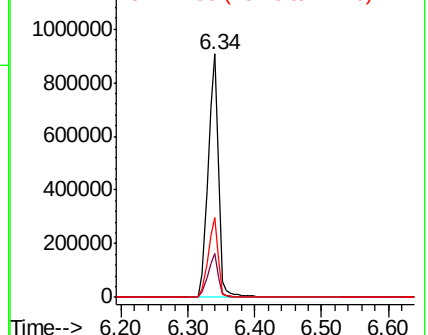
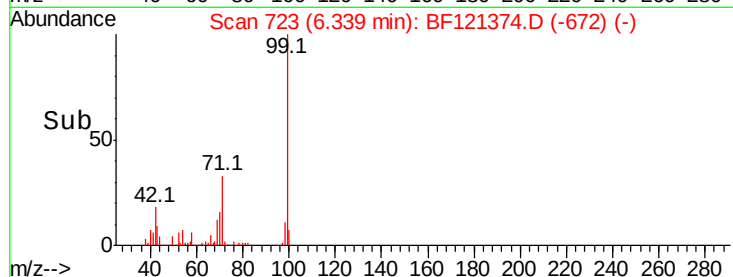
99 100

42 18.0 13.5 20.3

71 32.9 25.2 37.8



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: 3.059 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

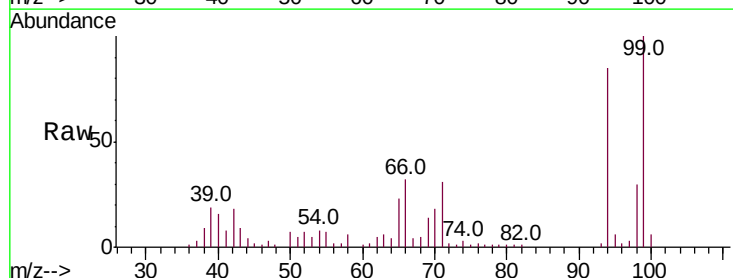
Tgt Ion: 94 Resp: 39374

Ion Ratio Lower Upper

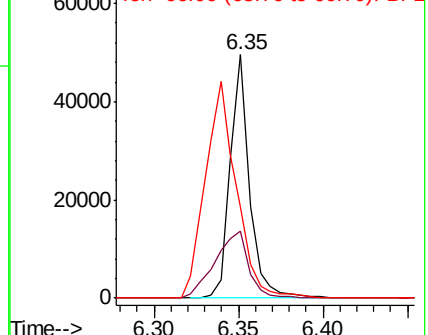
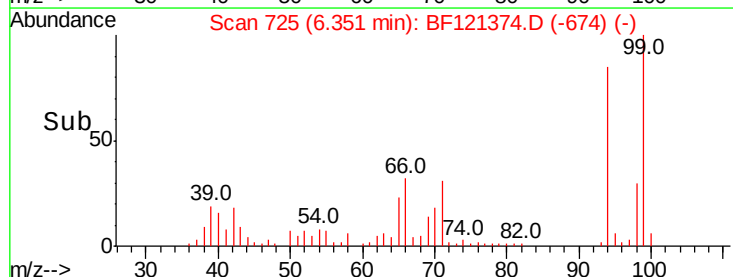
94 100

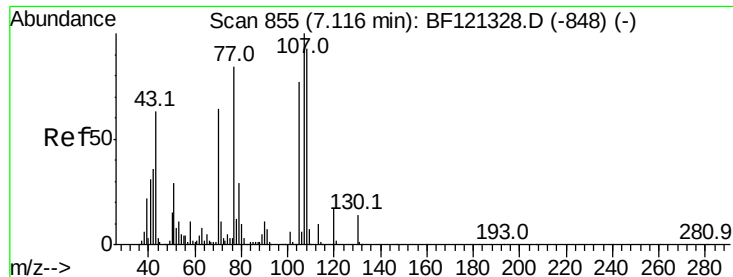
65 27.5 16.6 56.6

66 37.5 34.3 74.3



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

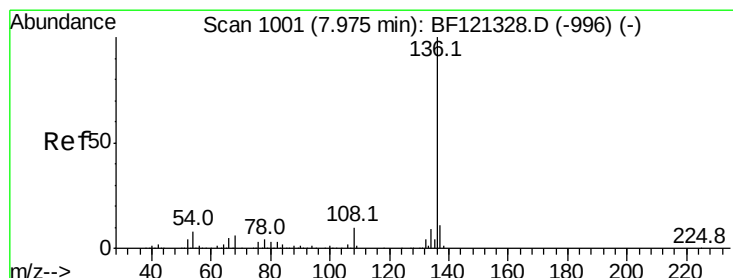
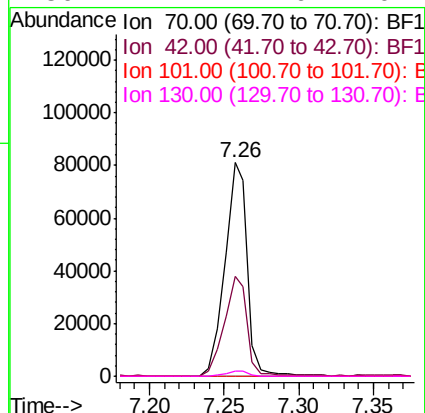
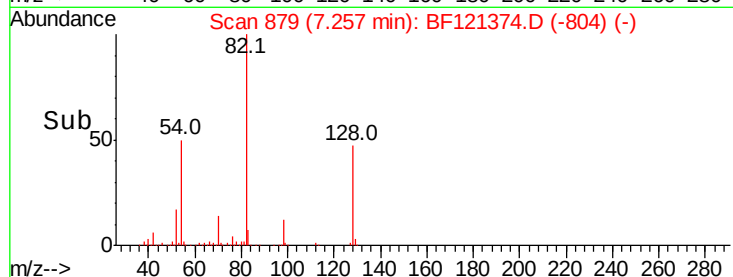
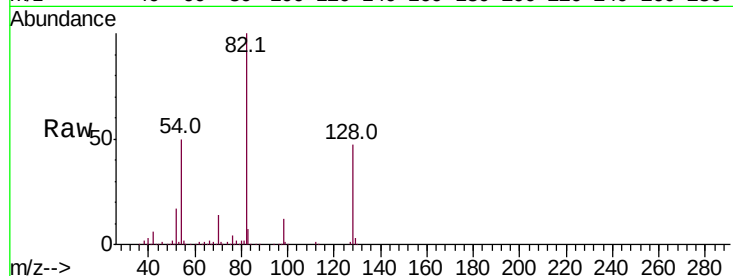




#19
n-Nitroso-di-n-propylamine
Concen: 12.935 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.14 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

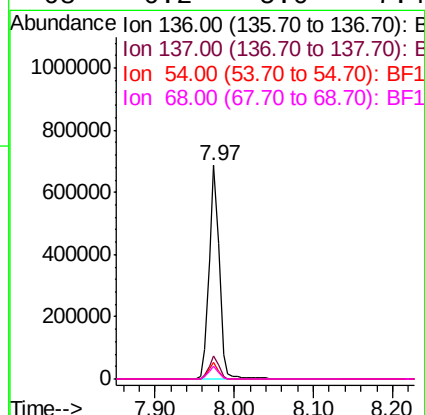
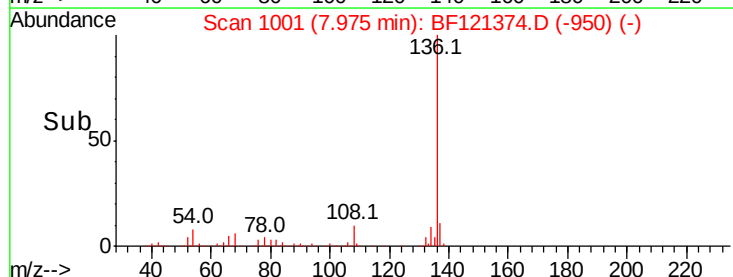
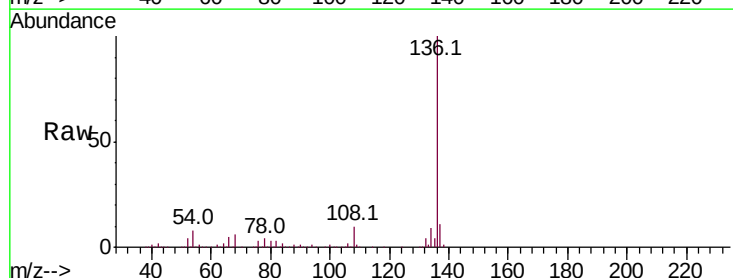
Instrument :
BNA_F
ClientSampleId :

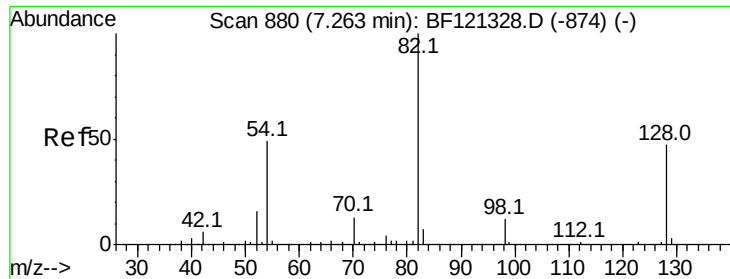
Tot Ion: 70 Resp: 85392
Ion Ratio Lower Upper
70 100
42 46.9 45.2 67.8
101 0.0 7.7 11.5#
130 2.4 17.6 26.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion: 136 Resp: 619792
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.6 6.1 9.1
68 6.2 5.0 7.4

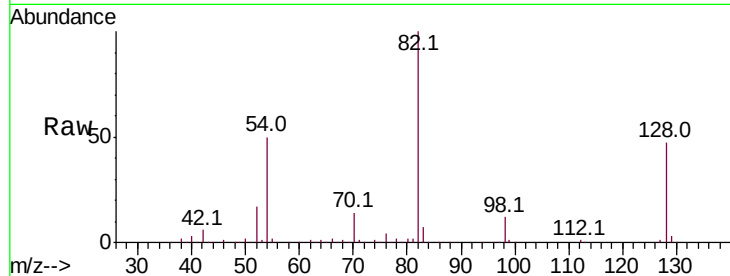




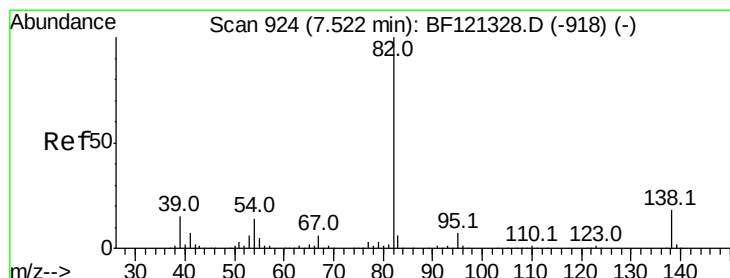
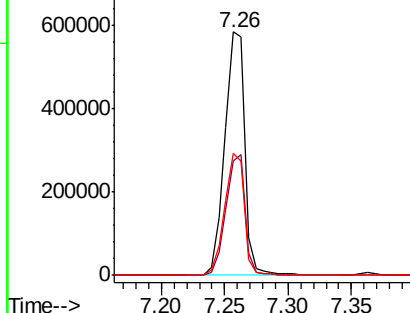
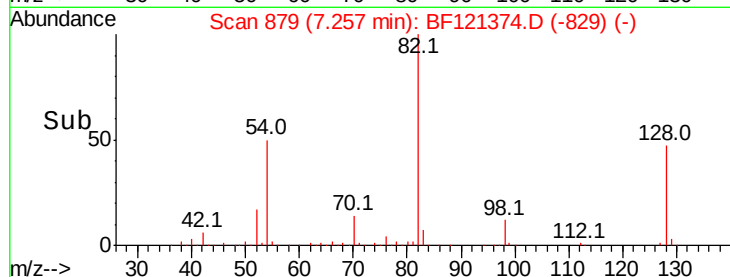
#23
 Nitrobenzene-d5
 Concen: 58.590 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	642086
Ion Ratio	Lower	Upper	
82	100		
128	47.0	37.9	56.9
54	50.1	39.0	58.4

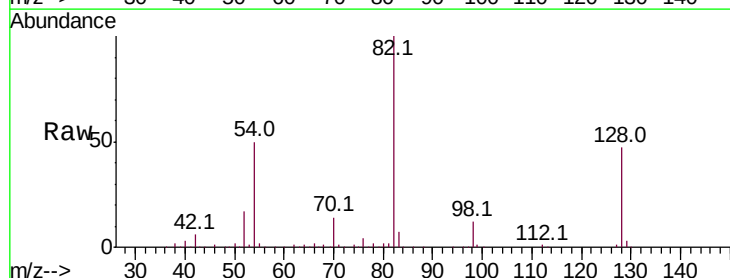


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

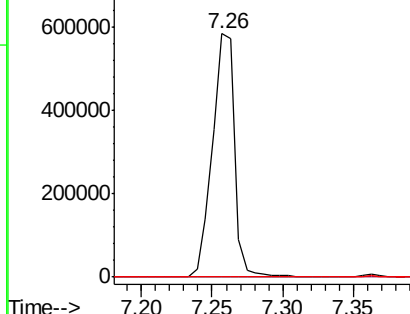
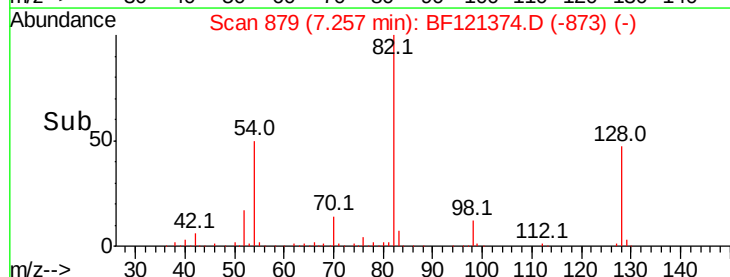


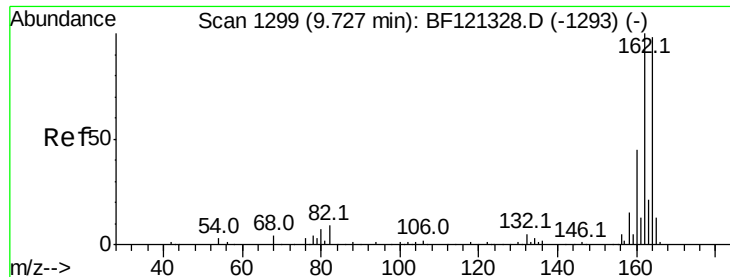
#25
 Isophorone
 Concen: 31.965 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Tgt Ion	82	Resp	637500
Ion Ratio	Lower	Upper	
82	100		
95	0.0	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

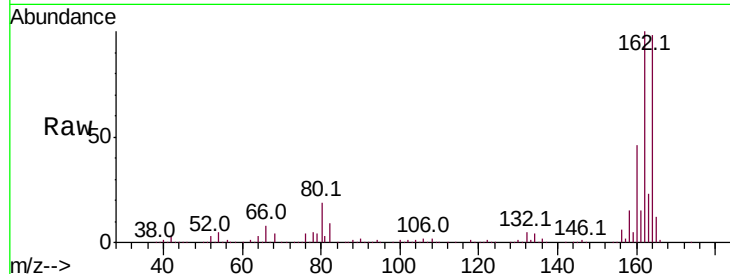




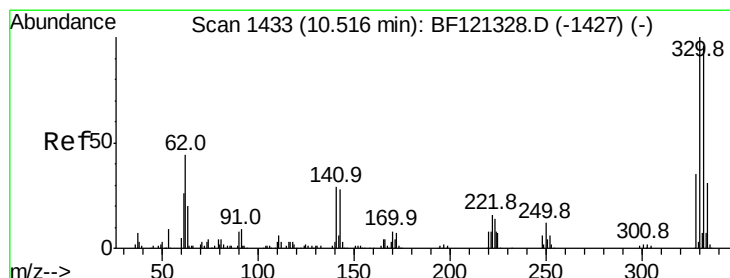
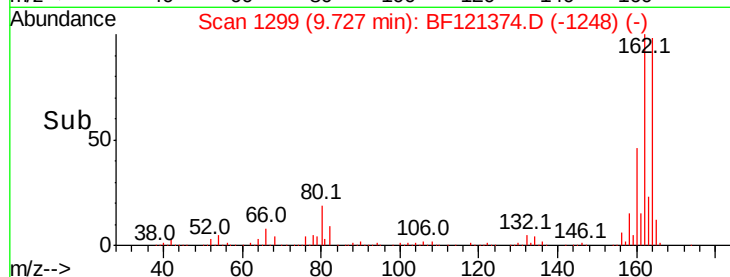
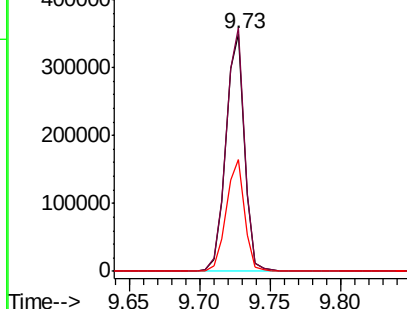
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 320529
Ion Ratio Lower Upper
164 100
162 102.4 81.7 122.5
160 46.8 37.0 55.4

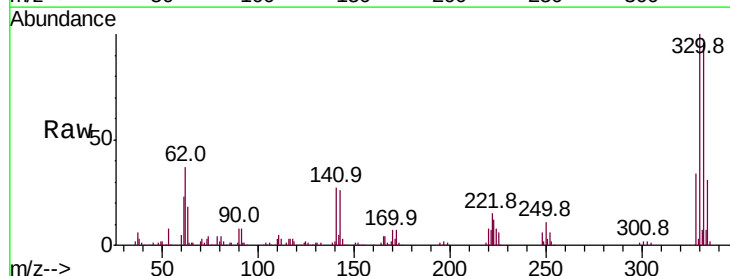


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

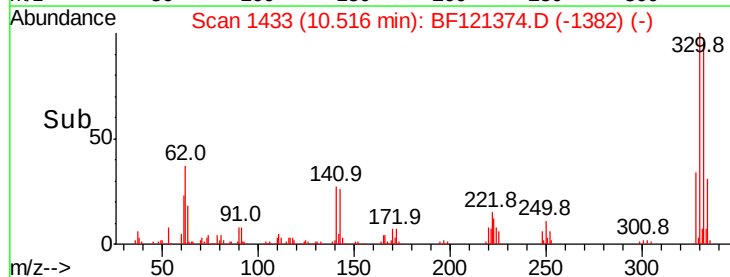
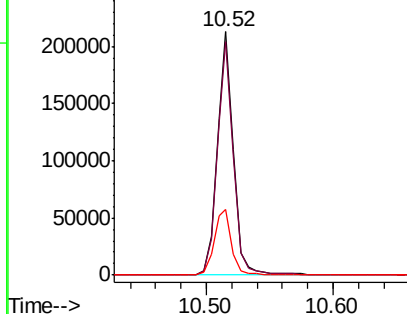


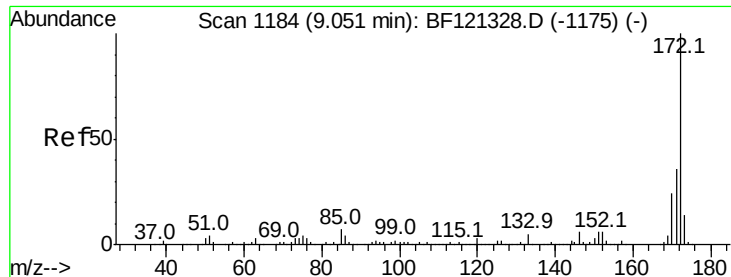
#42
2,4,6-Tribromophenol
Concen: 50.959 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion:330 Resp: 190340
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 29.4 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



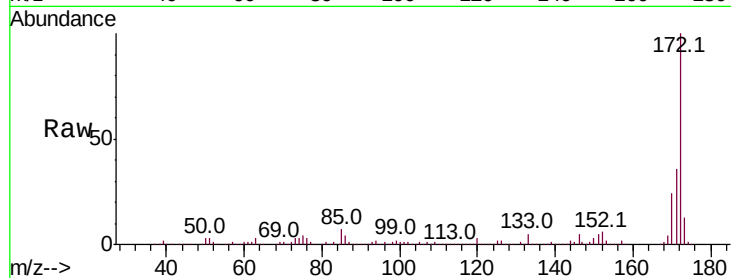


#45
 2-Fluorobiphenyl
 Concen: 58.085 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.00 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

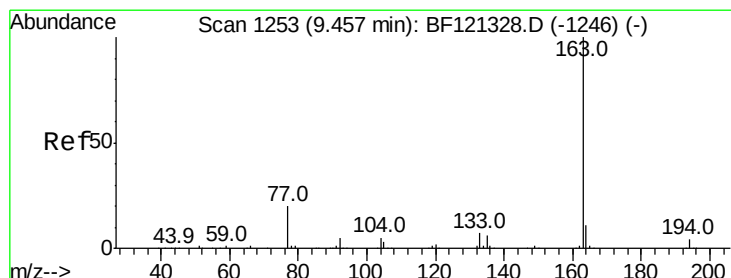
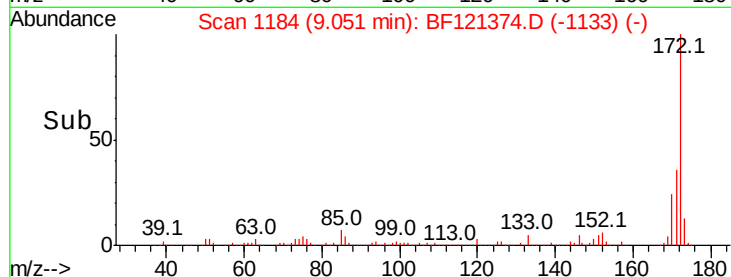
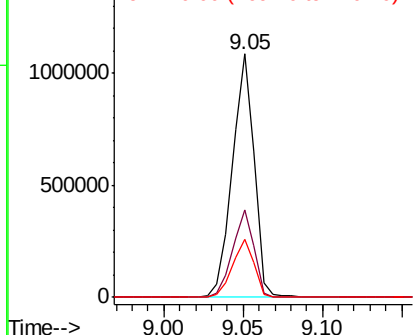
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1038177

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	19.4	29.2



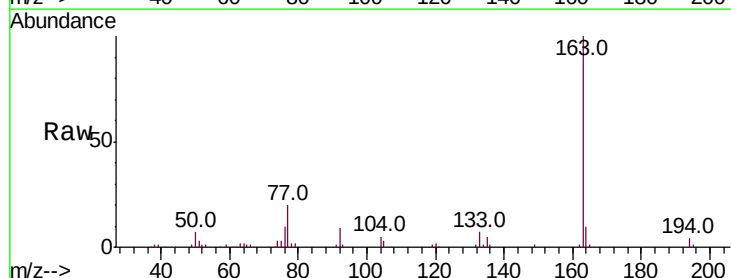
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



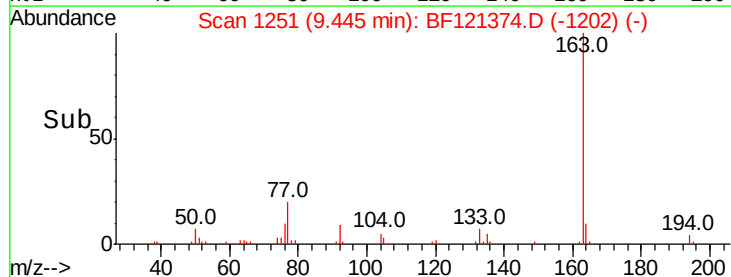
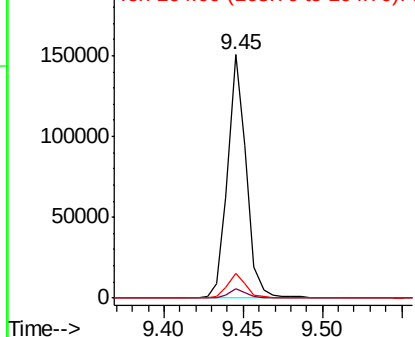
#50
 Dimethylphthalate
 Concen: 5.257 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

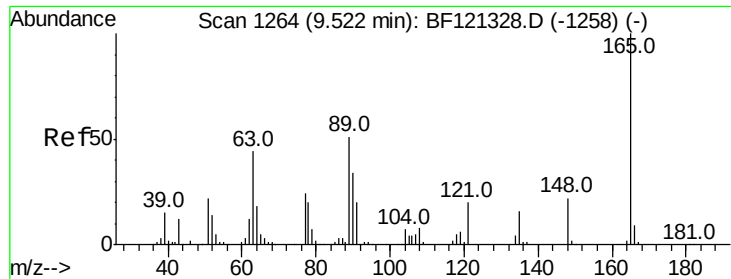
Tgt Ion:163 Resp: 122595

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	10.2	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

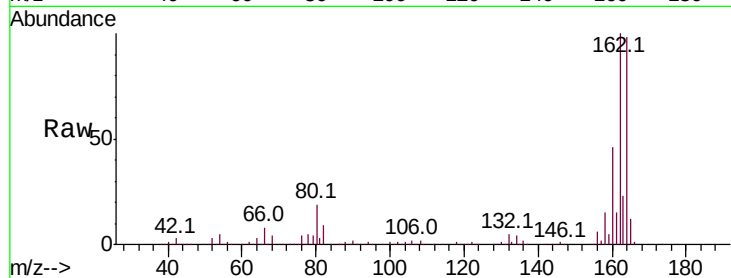




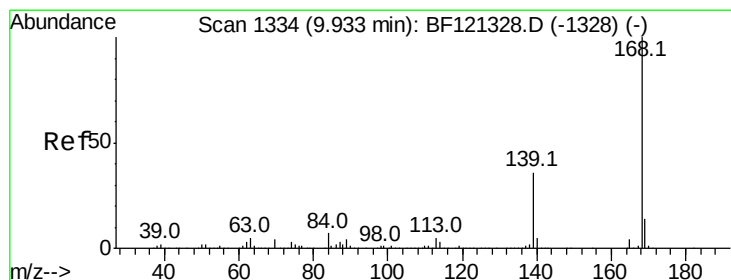
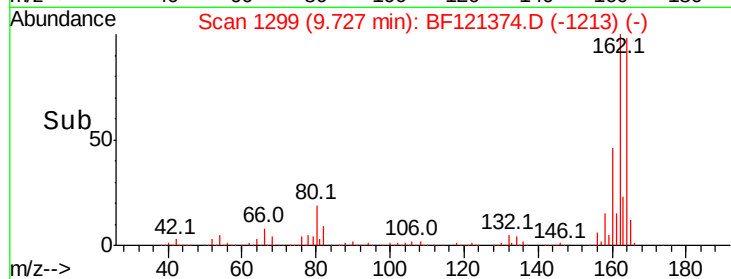
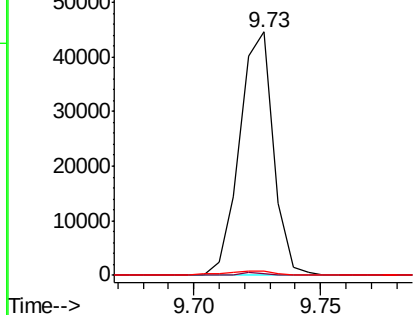
#51
 2,6-Dinitrotoluene
 Concen: 8.275 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.21 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	38.5	57.7#
89	1.8	41.2	61.8#

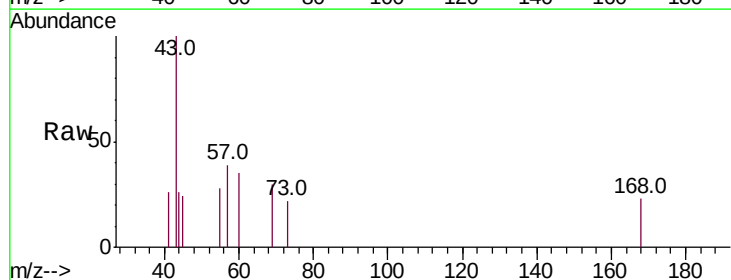


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

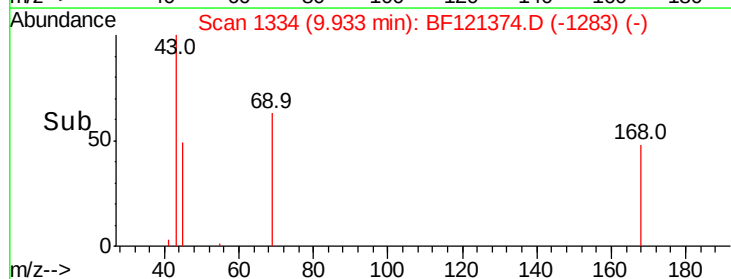
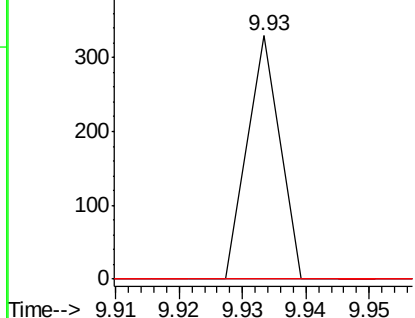


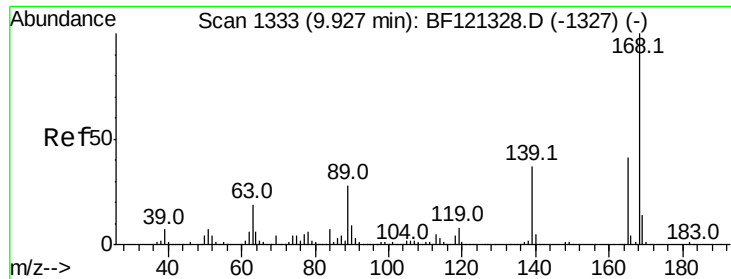
#55
 Dibenzofuran
 Concen: Below Cal
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Tgt 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

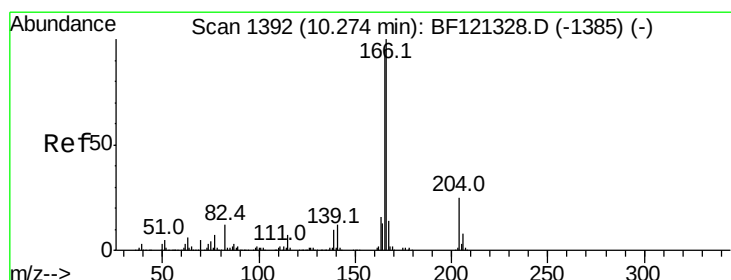
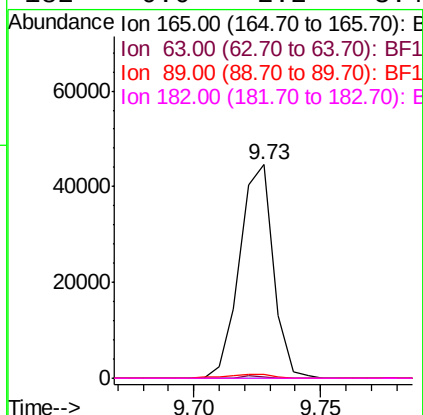
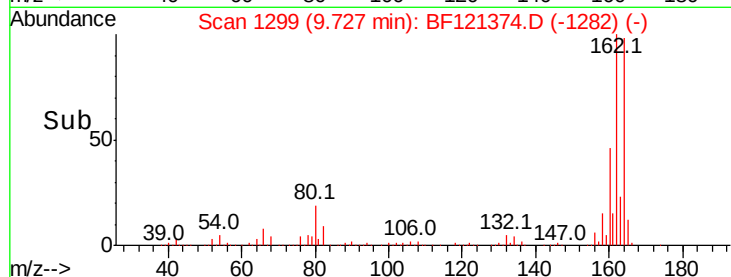
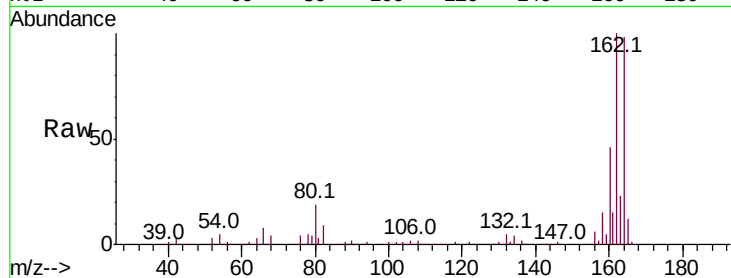




#57
 2,4-Dinitrotoluene
 Concen: 6.783 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.20 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

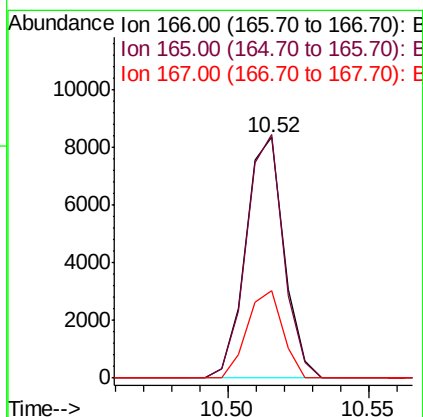
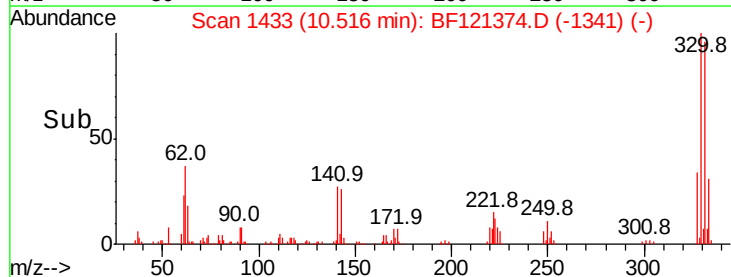
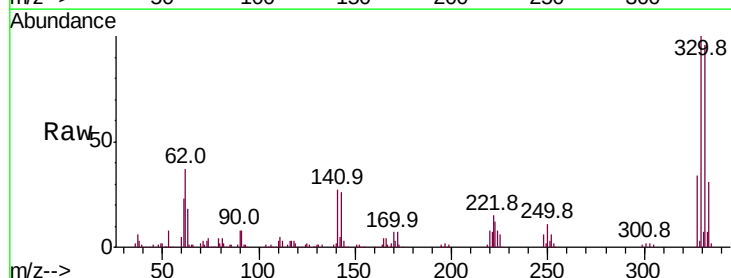
Instrument :
 BNA_F
 ClientSampleId :

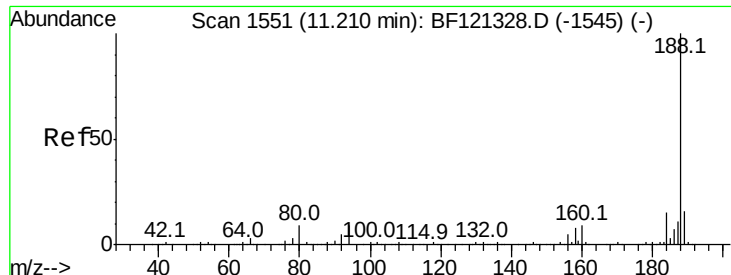
Tot Ion:	165	Resp:	41209
Ion	Ratio	Lower	Upper
165	100		
63	0.8	37.5	56.3#
89	1.8	54.2	81.4#
182	0.0	2.2	3.4#



#58
 Fluorene
 Concen: Below Cal
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.24 min
 Lab File: BF121374.D
 Acq: 21 Aug 2020 18:45

Tgt Ion:	166	Resp:	7867
Ion	Ratio	Lower	Upper
166	100		
165	101.2	75.8	113.8
167	36.3	11.0	16.4#

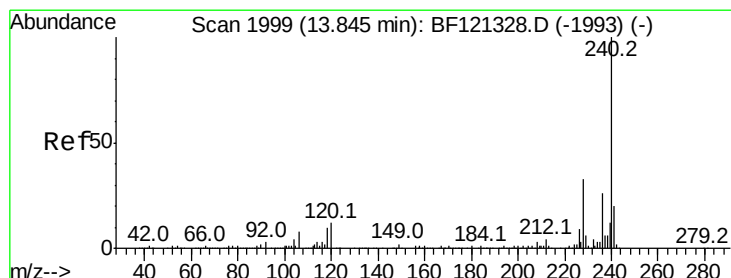
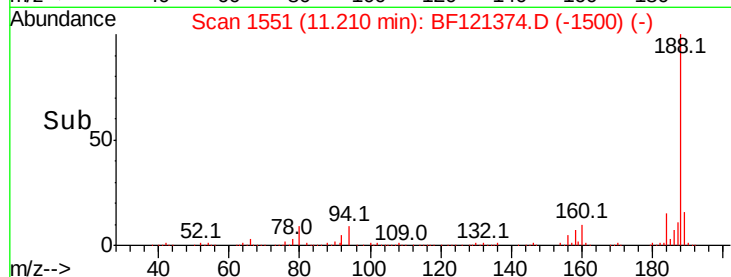
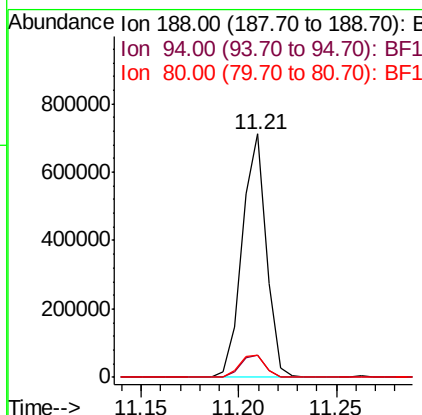
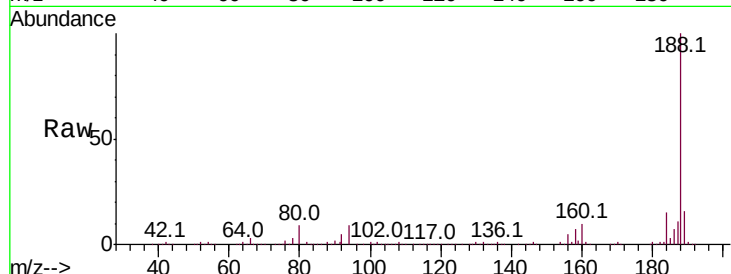




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

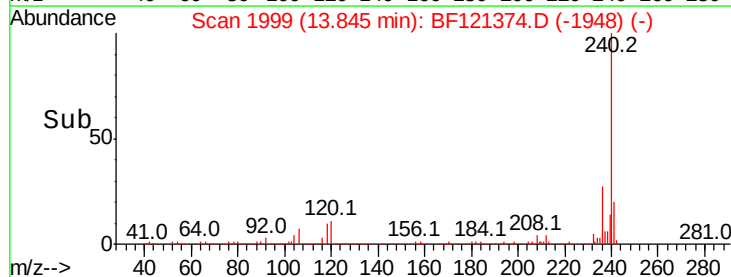
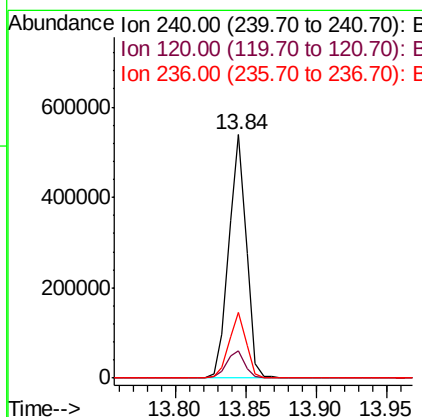
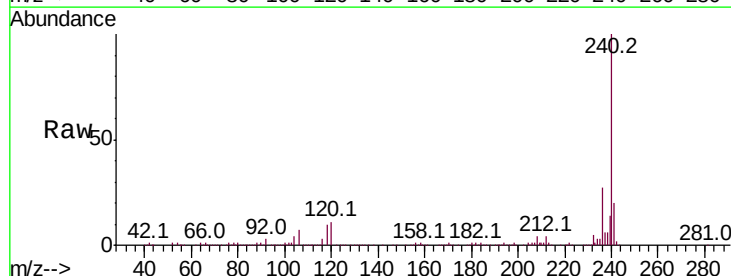
Instrument :
BNA_F
ClientSampleId :

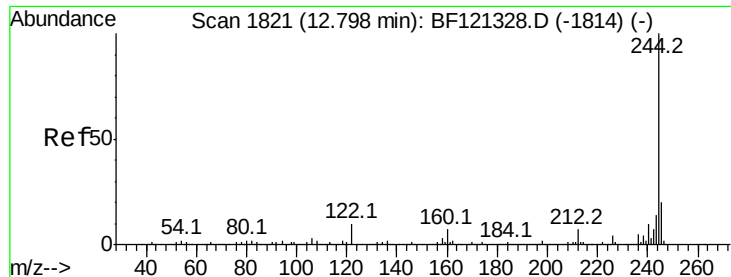
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.1	7.4	11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF121374.D
Acq: 21 Aug 2020 18:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.4	9.6	14.4
236	27.0	20.6	31.0





#79

Terphenyl-d14

Concen: 37.011 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

Instrument :

BNA_F

ClientSampleId :

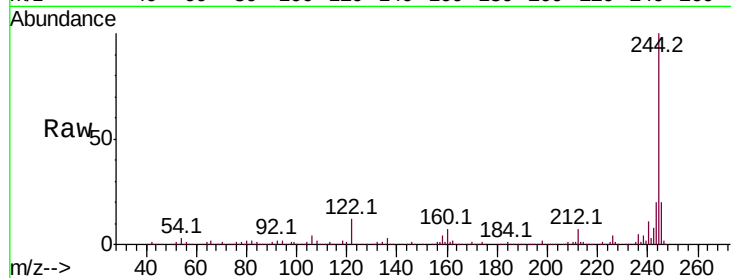
Tot Ion:244 Resp: 880837

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

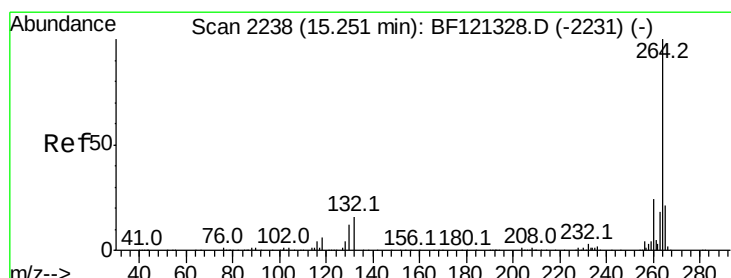
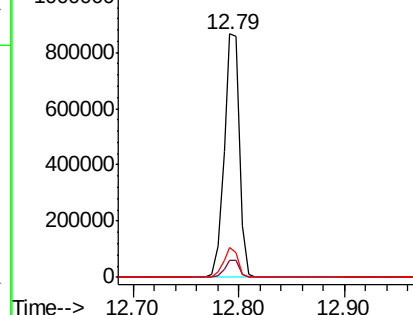
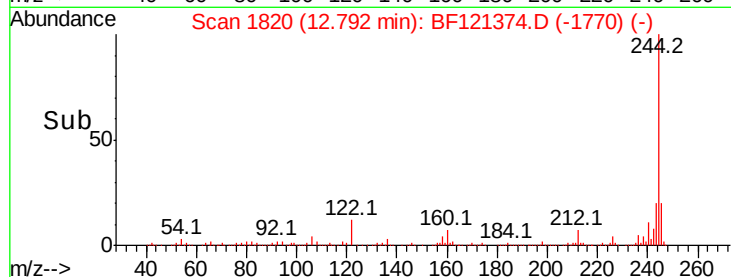
122 12.1 7.8 11.8#



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# 2239

Delta R.T. 0.01 min

Lab File: BF121374.D

Acq: 21 Aug 2020 18:45

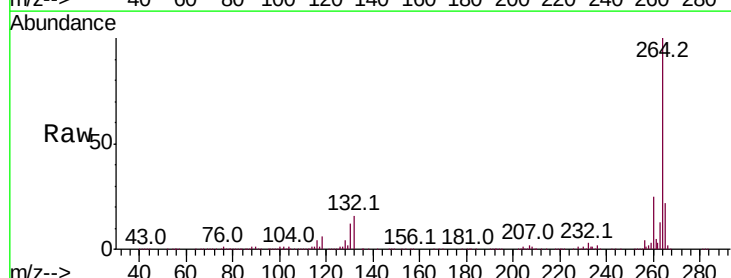
Tgt Ion:264 Resp: 393725

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.1 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

