

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082420\
 Data File : BF121413.D
 Acq On : 24 Aug 2020 22:32
 Operator : JU/CG
 Sample : L3719-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200510-AMENDED-COMP-A

Quant Time: Aug 25 03:24:17 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

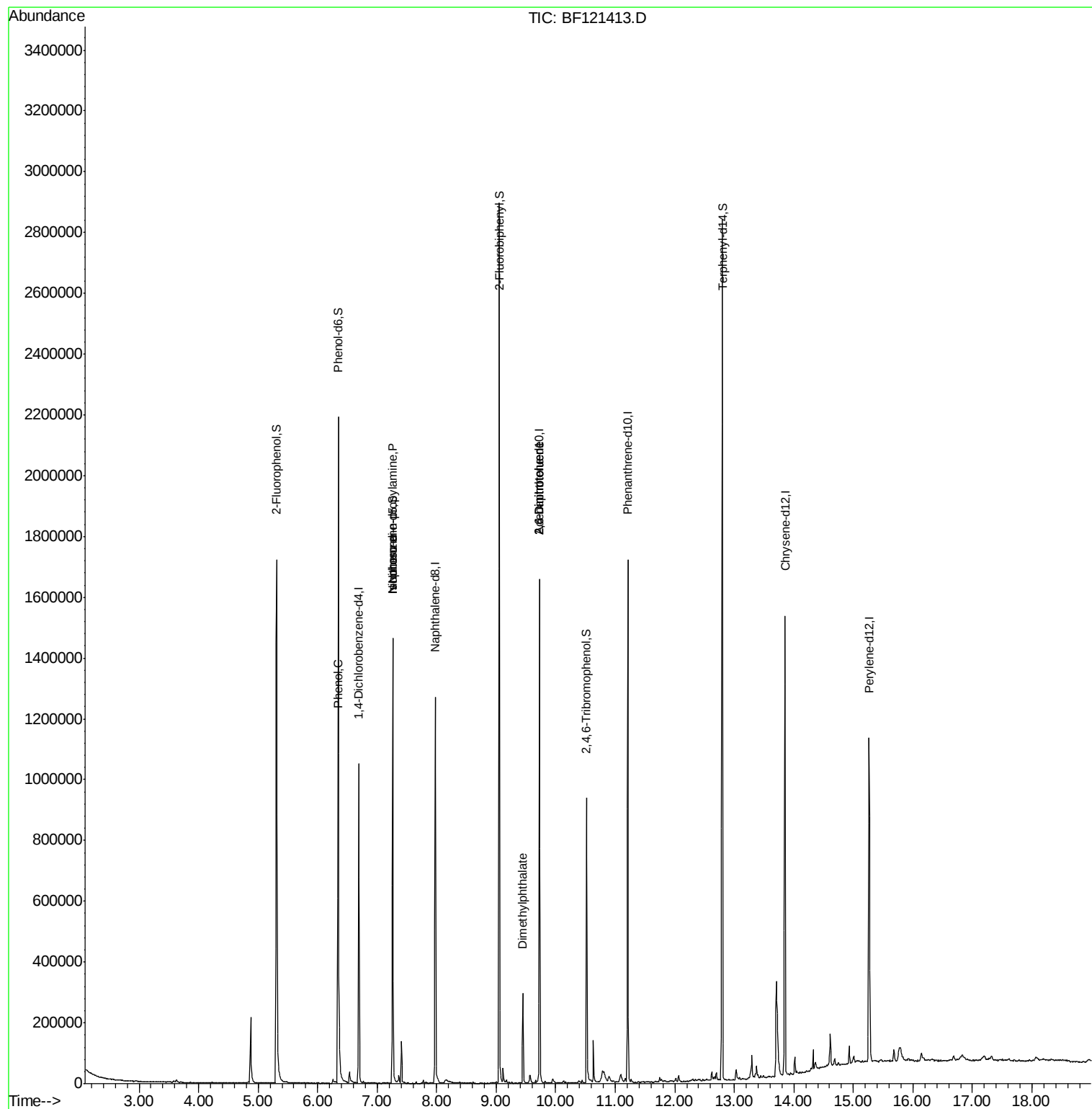
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	149504	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	600682	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	315947	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	625609	20.00	ng	0.00
76) Chrysene-d12	13.85	240	519623	20.00	ng	0.00
86) Perylene-d12	15.26	264	461985	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	592265	64.96	ng	0.01
7) Phenol-d6	6.35	99	815392	70.05	ng	0.00
23) Nitrobenzene-d5	7.26	82	508720	47.90	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	128244	34.83	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	915876	50.38	ng	0.00
79) Terphenyl-d14	12.80	244	929627	34.96	ng	0.00
Target Compounds						
10) Phenol	6.36	94	26471	2.169	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	66361	10.601	ng	# 77
25) Isophorone	7.26	82	508716	26.319	ng	# 65
50) Dimethylphthalate	9.45	163	122451	5.327	ng	99
51) 2,6-Dinitrotoluene	9.73	165	40241	8.197	ng	# 30
57) 2,4-Dinitrotoluene	9.73	165	40241	6.719	ng	# 25
58) Fluorene	10.52	166	5155	Below Cal	#	91

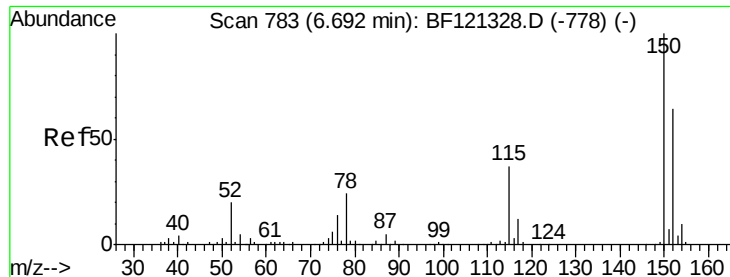
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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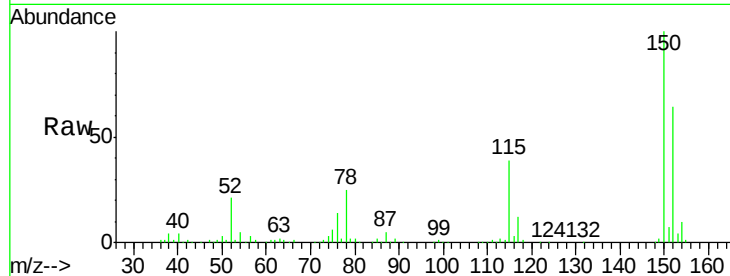


#1

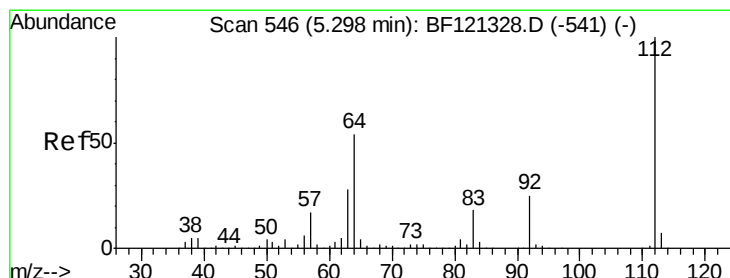
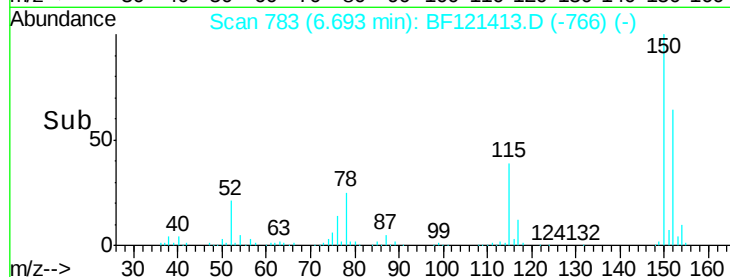
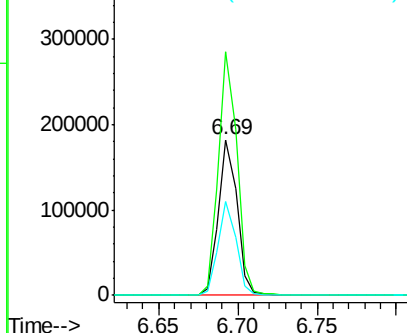
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF121413.D
Acq: 24 Aug 2020 22:32

Instrument :
BNA_F
ClientSampleId :
20200510-AMENDED-COMP-A

Tot Ion:152 Resp: 149504
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 60.6 46.1 69.1



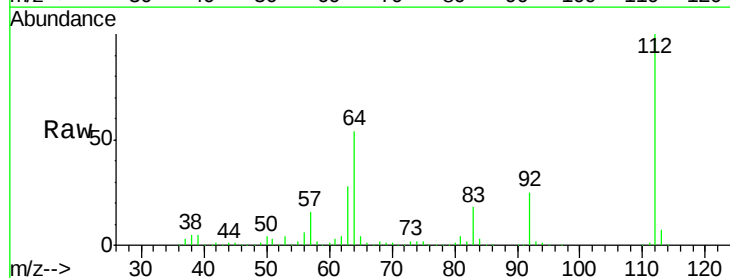
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



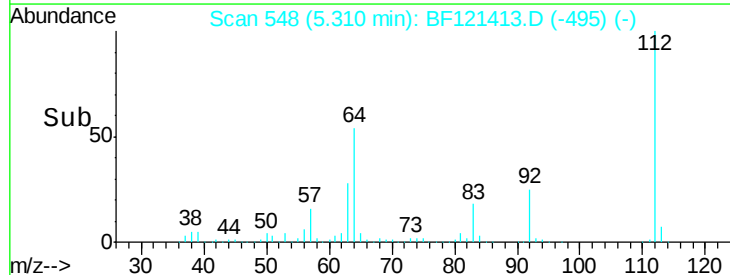
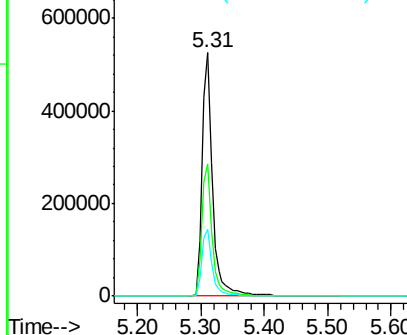
#5

2-Fluorophenol
Concen: 64.959 ng
RT: 5.31 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF121413.D
Acq: 24 Aug 2020 22:32

Tgt Ion:112 Resp: 592265
Ion Ratio Lower Upper
112 100
64 54.4 43.5 65.3
63 27.7 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: 70.054 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

Instrument :

BNA_F

ClientSampleId :

20200510-AMENDED-COMP-A

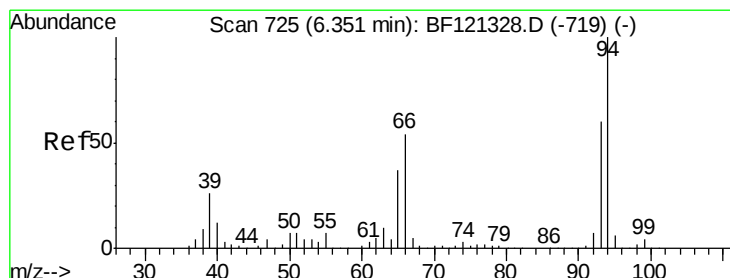
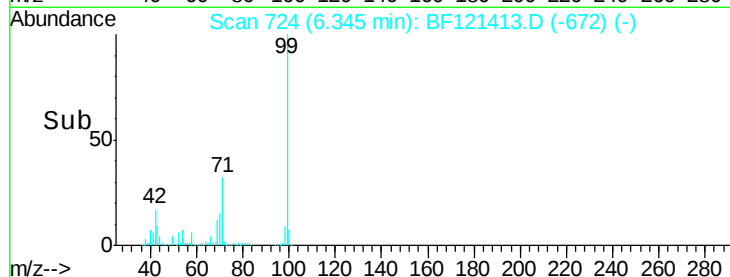
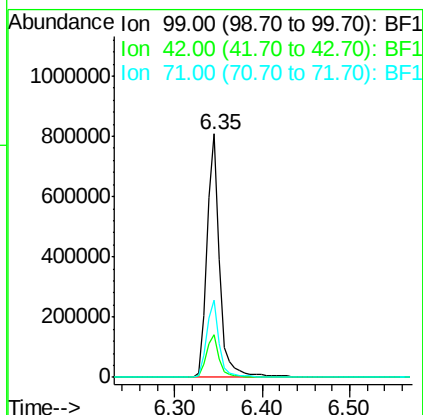
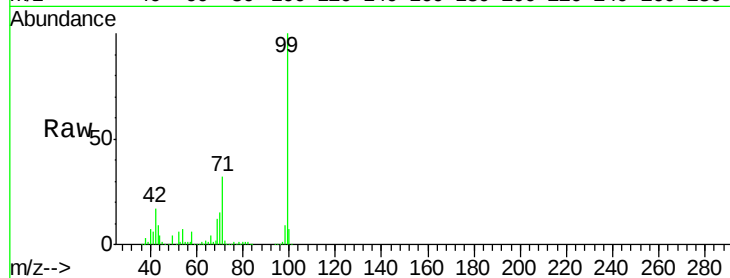
Tot Ion: 99 Resp: 815392

Ion Ratio Lower Upper

99 100

42 17.4 13.5 20.3

71 31.7 25.2 37.8



#10

Phenol

Concen: 2.169 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

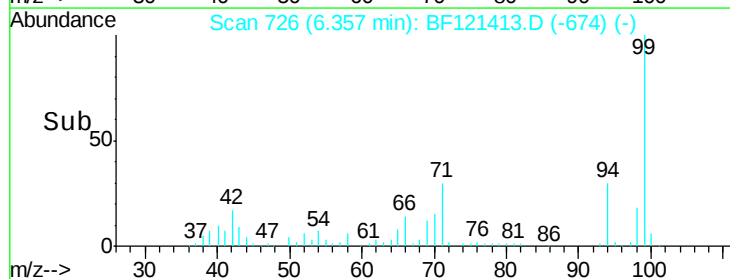
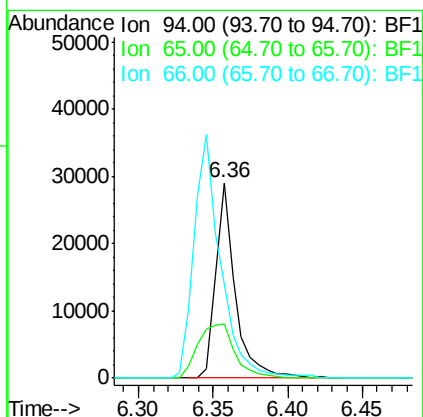
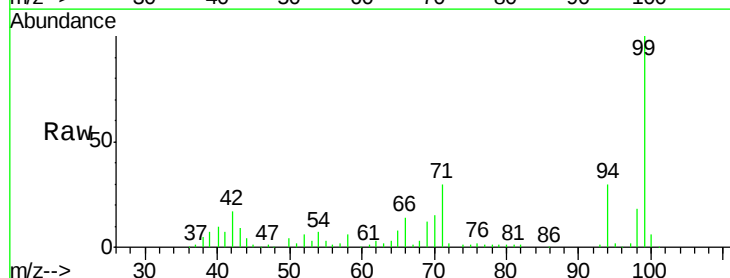
Tgt Ion: 94 Resp: 26471

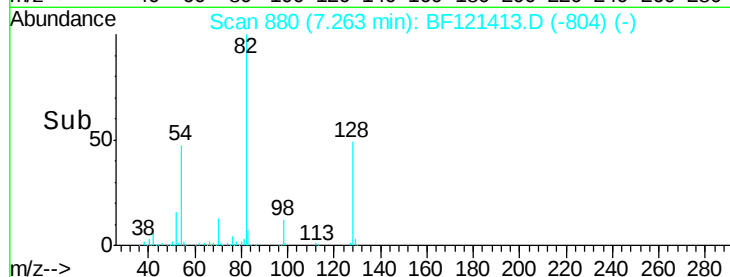
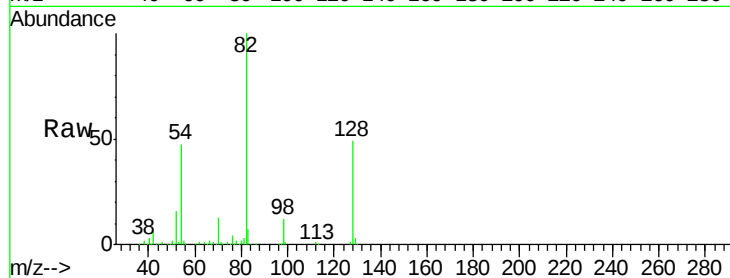
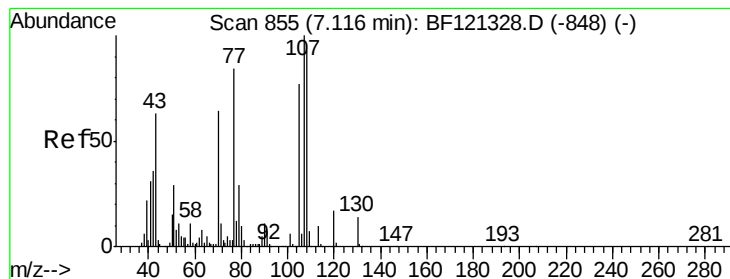
Ion Ratio Lower Upper

94 100

65 27.9 16.6 56.6

66 48.1 34.3 74.3





#19

n-Nitroso-di-n-propylamine

Concen: 10.601 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.15 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

Instrument :

BNA_F

ClientSampleId :

20200510-AMENDED-COMP-A

Tot Ion: 70 Resp: 66361

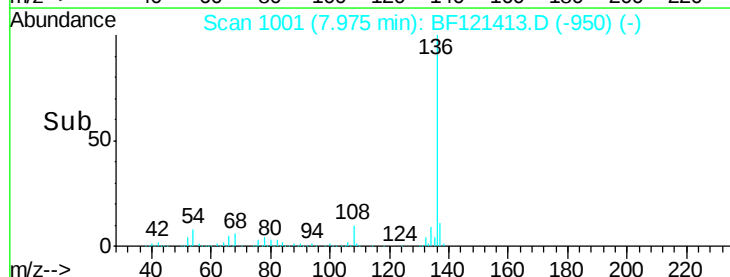
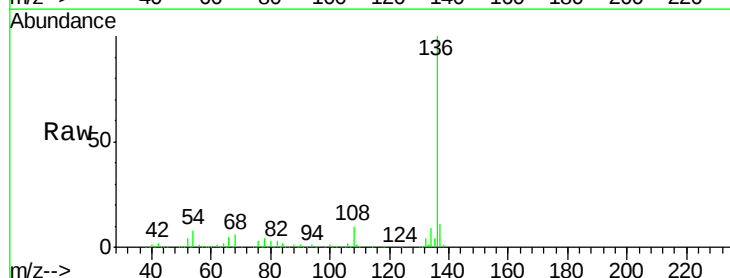
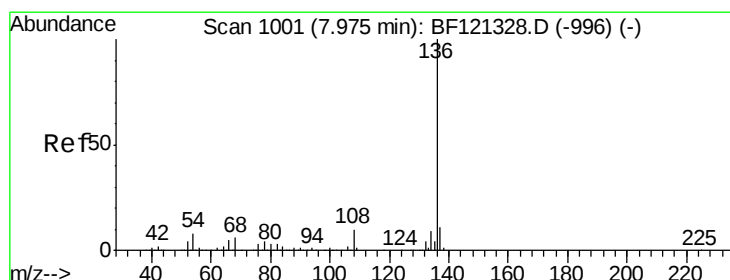
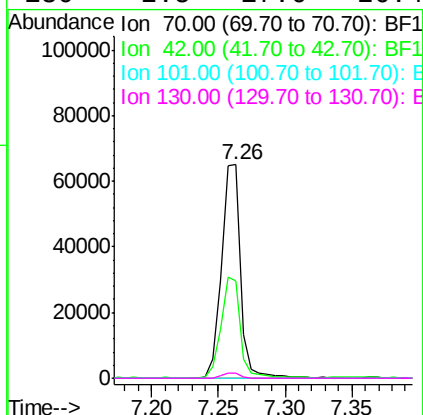
Ion Ratio Lower Upper

70 100

42 45.4 45.2 67.8

101 0.0 7.7 11.5#

130 2.5 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: BF121413.D

Acq: 24 Aug 2020 22:32

Tgt Ion: 136 Resp: 600682

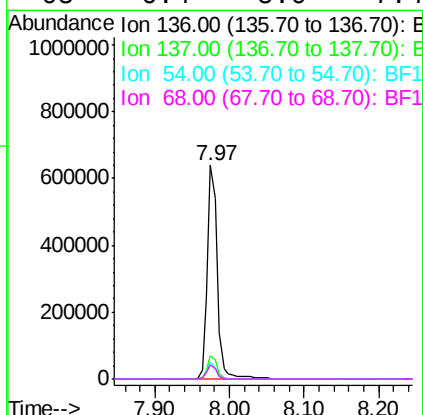
Ion Ratio Lower Upper

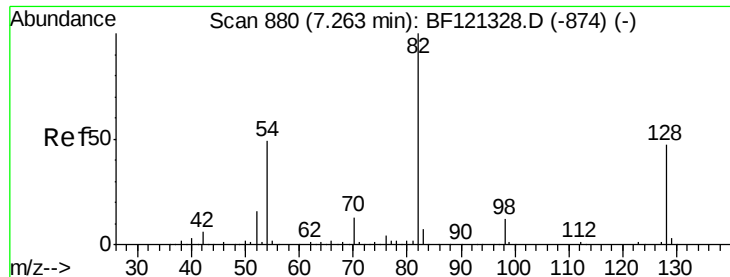
136 100

137 11.0 8.9 13.3

54 7.9 6.1 9.1

68 6.4 5.0 7.4

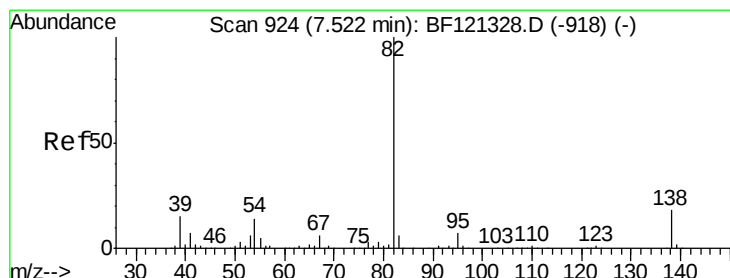
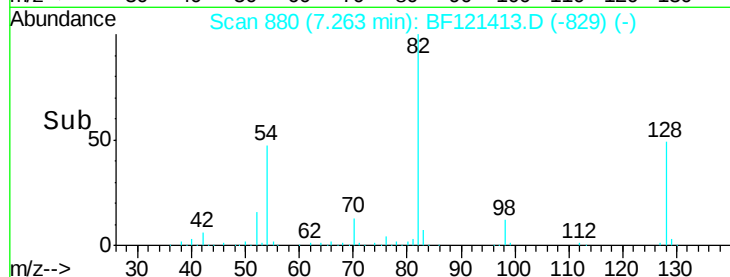
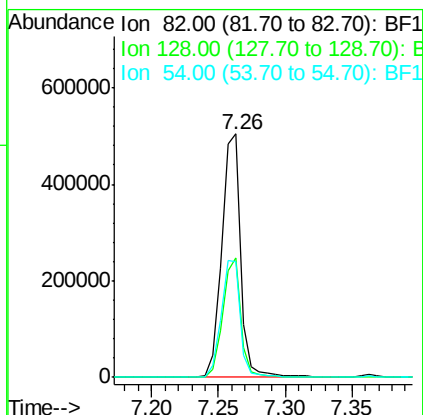
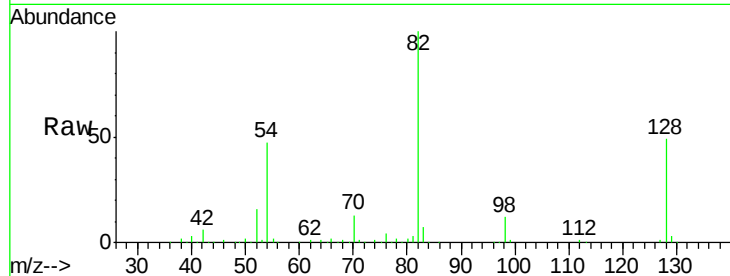




#23
 Nitrobenzene-d5
 Concen: 47.898 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

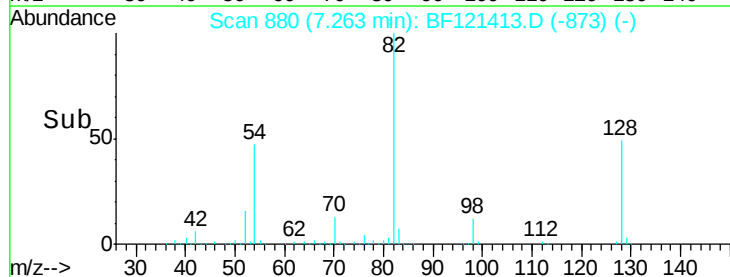
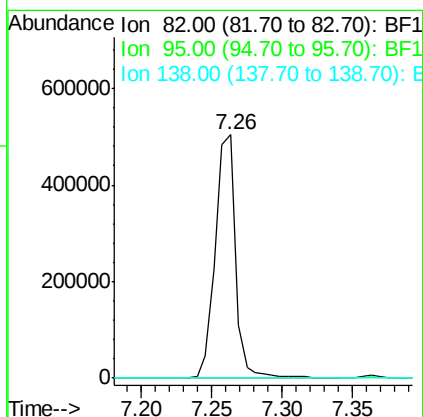
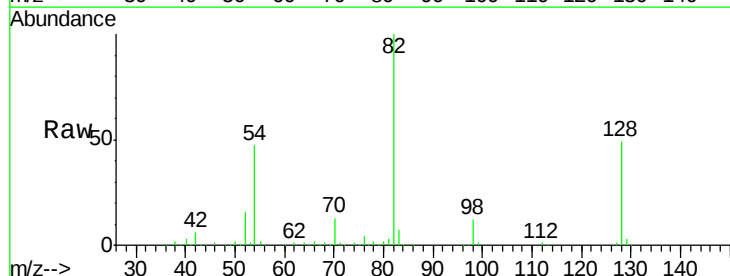
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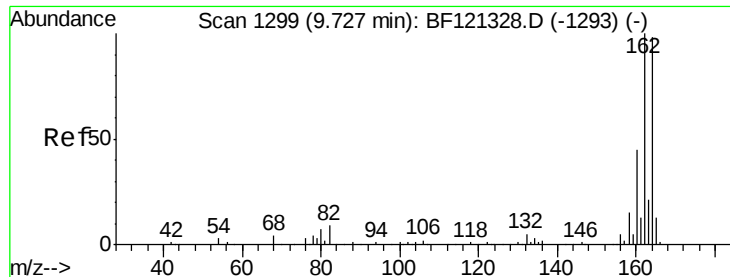
Tot Ion: 82 Resp: 508720
 Ion Ratio Lower Upper
 82 100
 128 49.3 37.9 56.9
 54 47.4 39.0 58.4



#25
 Isophorone
 Concen: 26.319 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.26 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

Tgt Ion: 82 Resp: 508716
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 14.6 21.8#

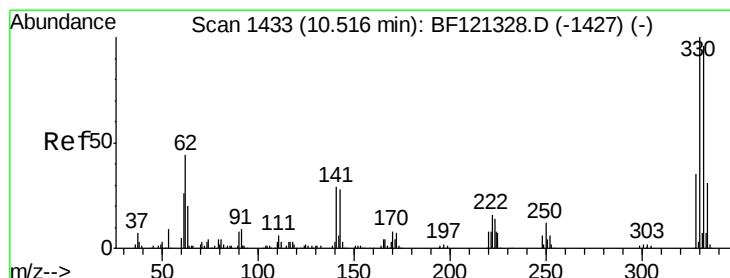
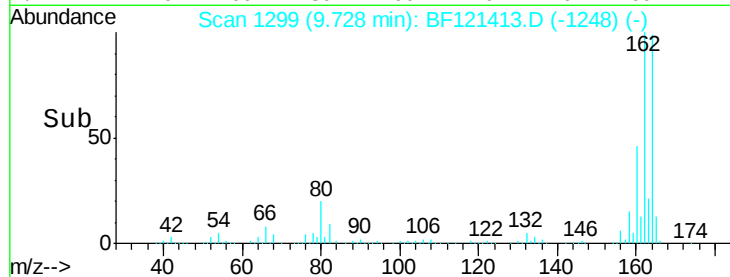
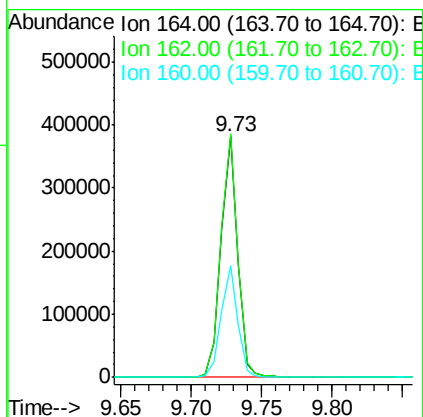
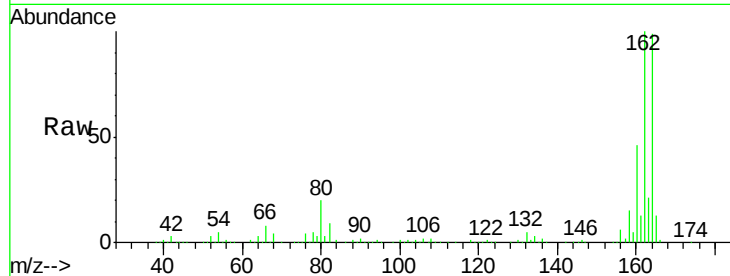




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

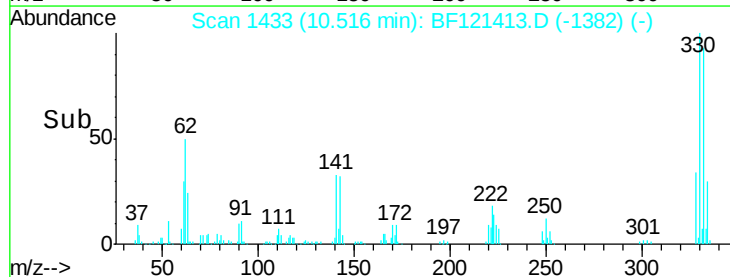
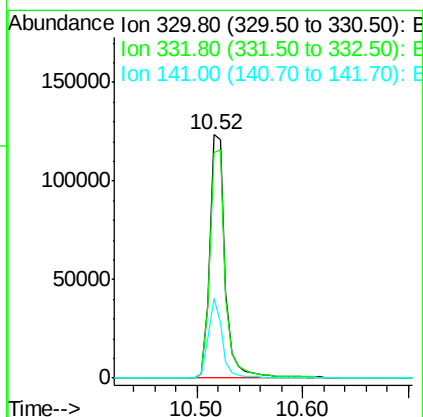
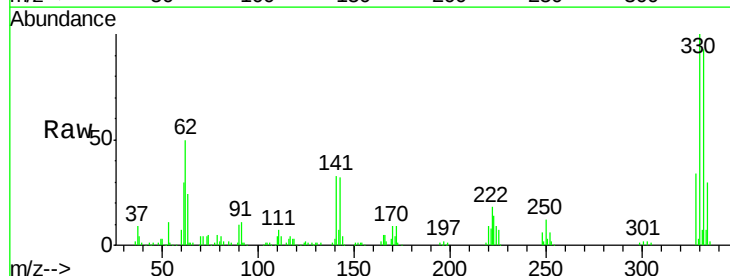
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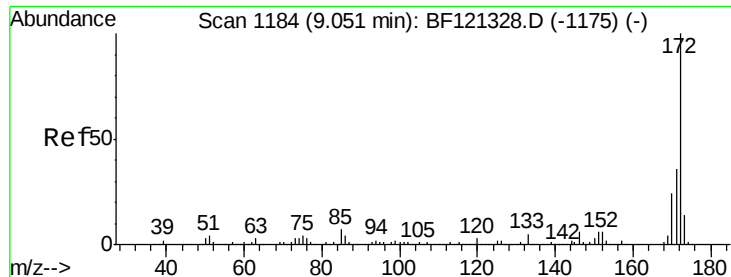
Tot Ion:164 Resp: 315947
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.7 122.5
 160 46.5 37.0 55.4



#42
 2,4,6-Tribromophenol
 Concen: 34.832 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

Tgt Ion:330 Resp: 128244
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.9 115.3
 141 29.8 22.8 34.2

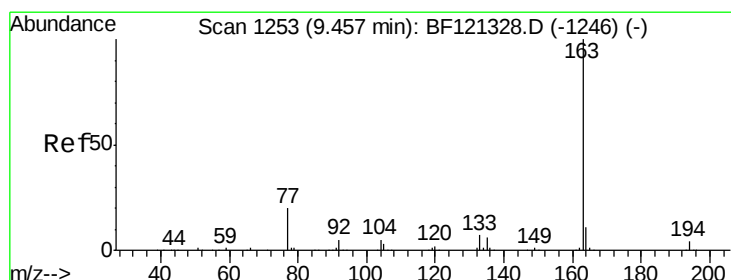
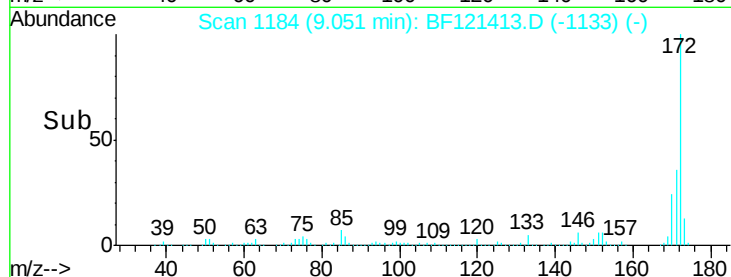
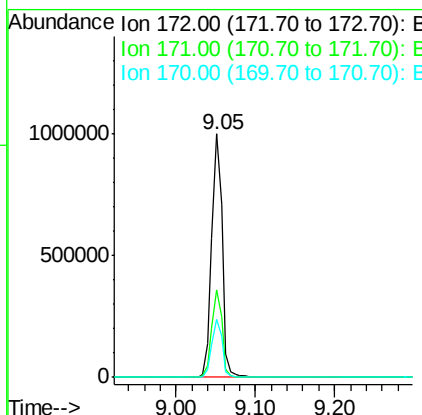
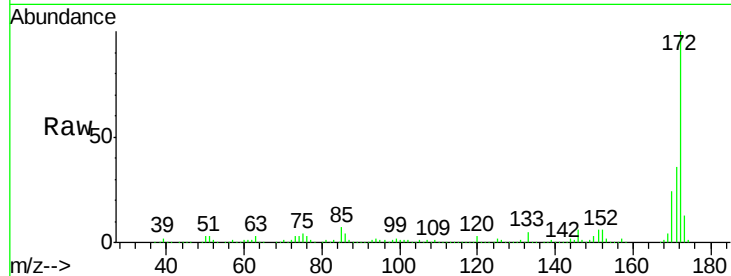




#45
2-Fluorobiphenyl
Concen: 50.384 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF121413.D
Acq: 24 Aug 2020 22:32

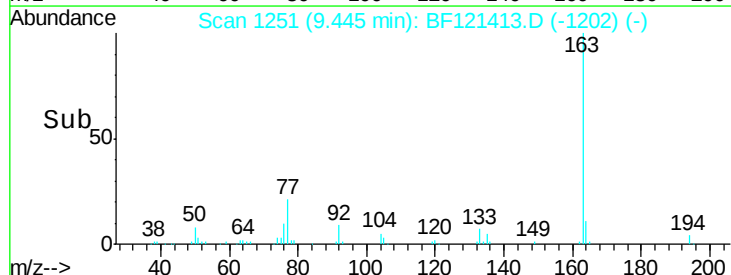
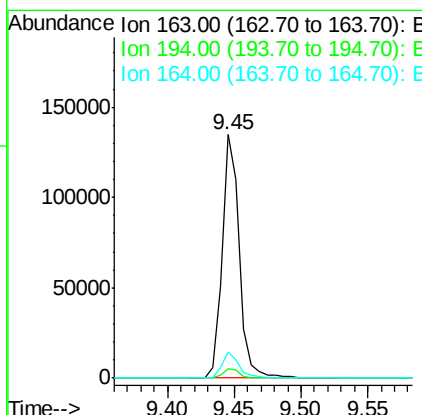
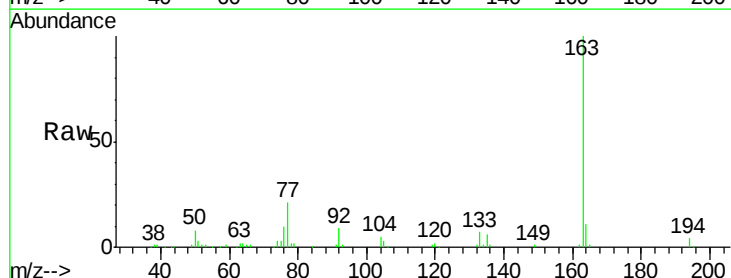
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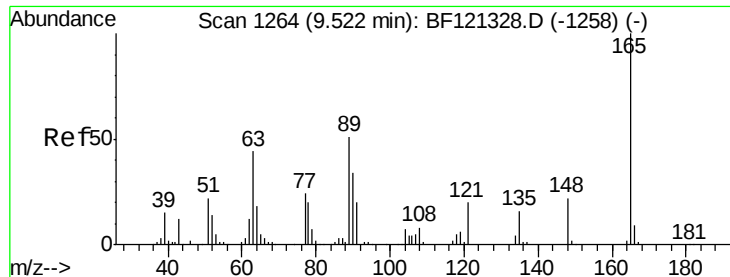
Tot Ion:172 Resp: 915876
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.6
170 24.0 19.4 29.2



#50
Dimethylphthalate
Concen: 5.327 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF121413.D
Acq: 24 Aug 2020 22:32

Tgt Ion:163 Resp: 122451
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.8 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 8.197 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.21 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

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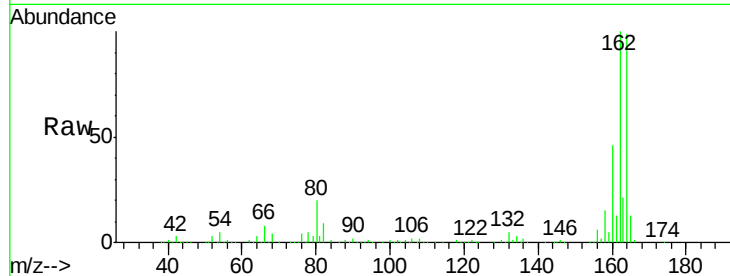
Tot Ion:165 Resp: 40241

Ion Ratio Lower Upper

165 100

63 1.2 38.5 57.7#

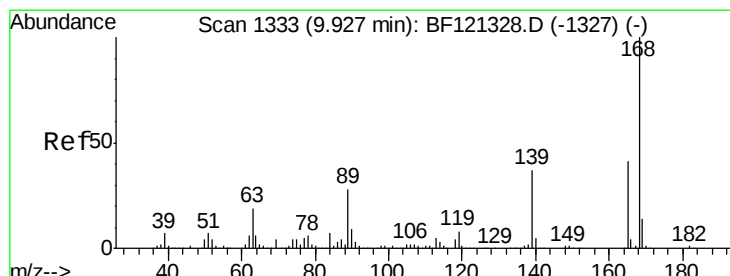
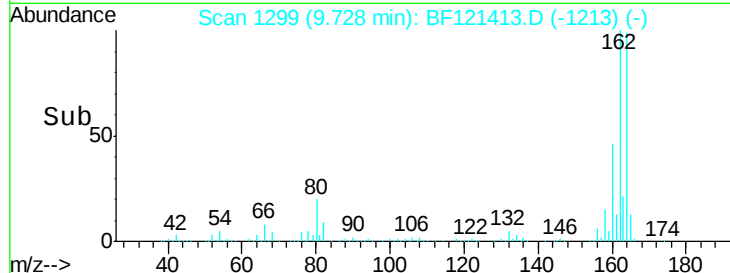
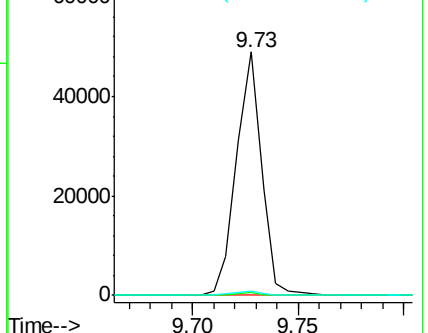
89 1.9 41.2 61.8#



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



#57

2,4-Dinitrotoluene

Concen: 6.719 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.20 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

Tgt Ion:165 Resp: 40241

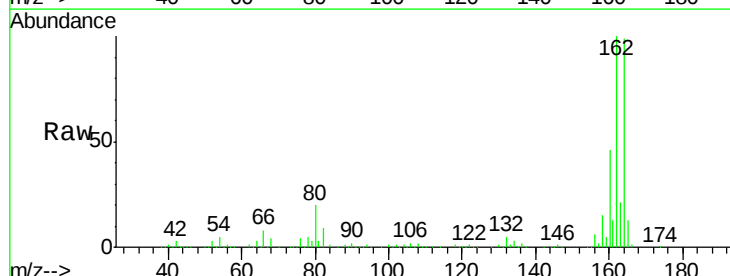
Ion Ratio Lower Upper

165 100

63 1.2 37.5 56.3#

89 1.9 54.2 81.4#

182 0.0 2.2 3.4#

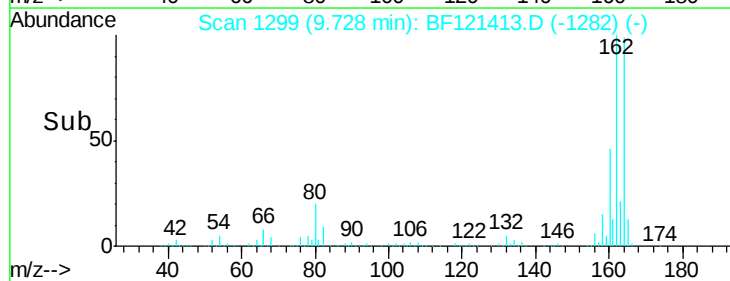
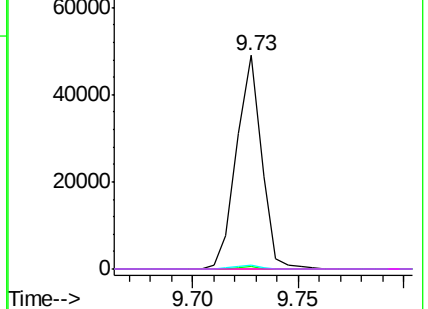


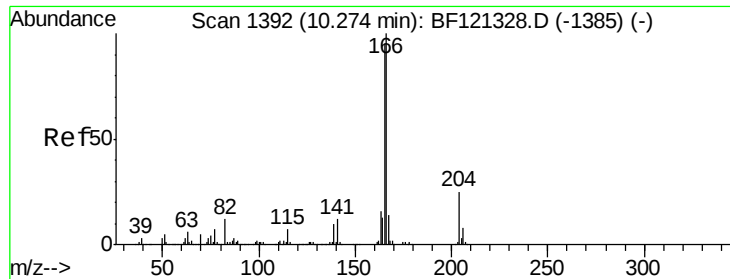
Abundance Ion 165.00 (164.70 to 165.70): E

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: 10.52 min Scan# 1433

Delta R.T. 0.24 min

Lab File: BF121413.D

Acq: 24 Aug 2020 22:32

Instrument :

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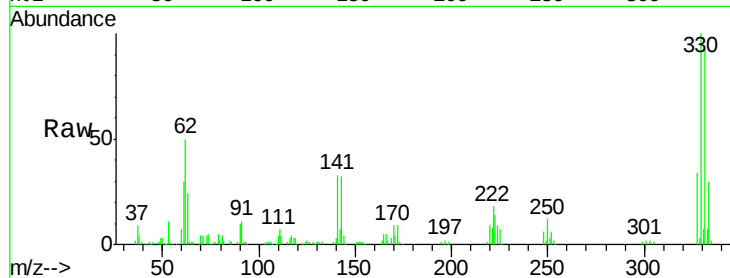
Tot Ion:166 Resp: 5155

Ion Ratio Lower Upper

166 100

165 92.0 75.8 113.8

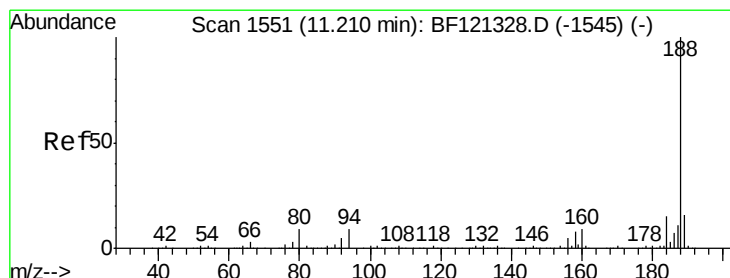
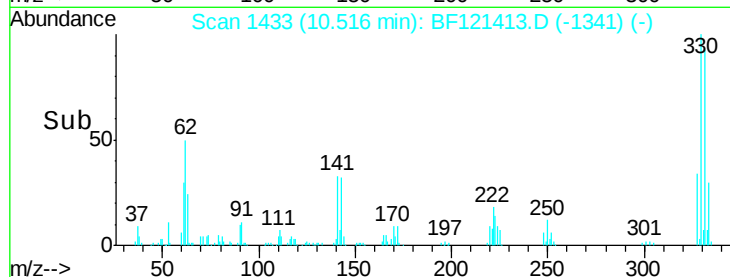
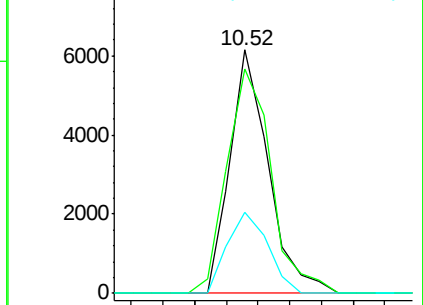
167 33.3 11.0 16.4#



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: BF121413.D

Acq: 24 Aug 2020 22:32

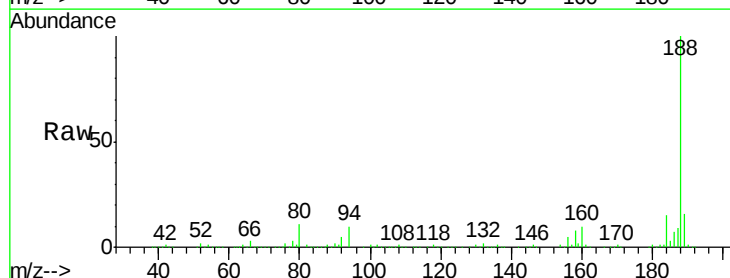
Tgt Ion:188 Resp: 625609

Ion Ratio Lower Upper

188 100

94 9.9 7.2 10.8

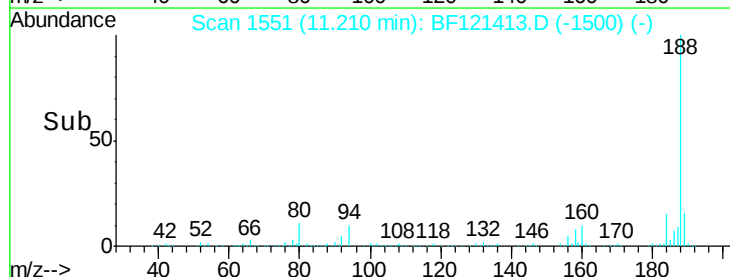
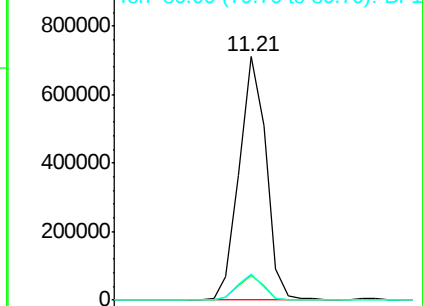
80 10.5 7.4 11.0

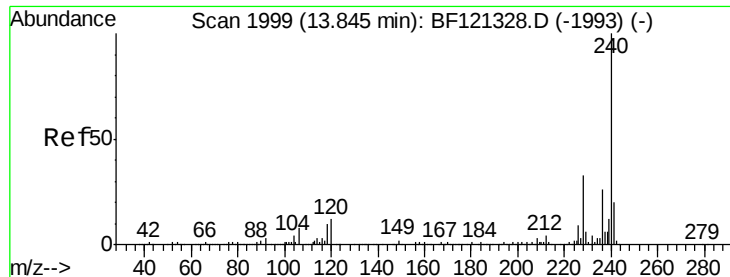


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

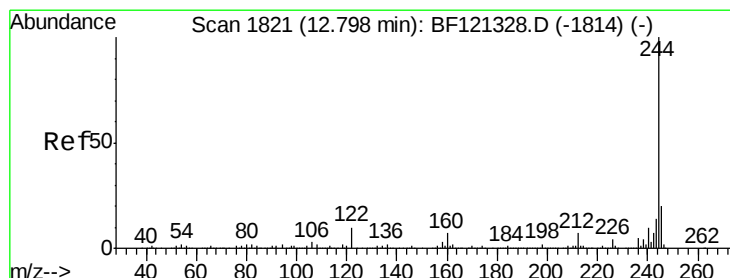
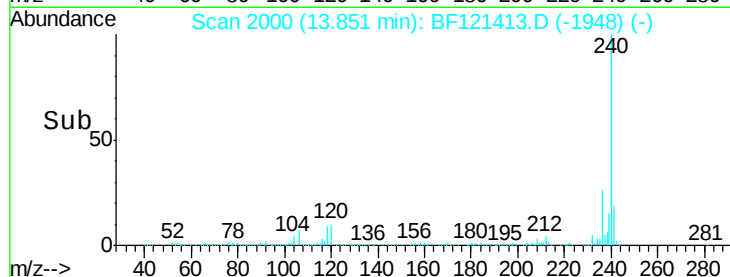
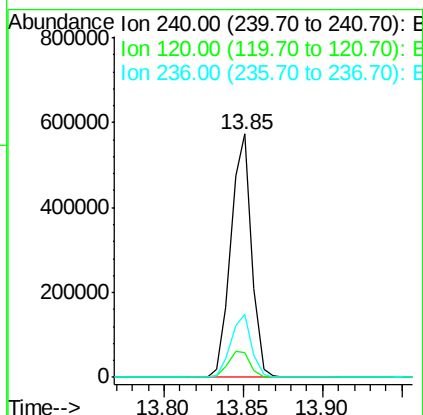
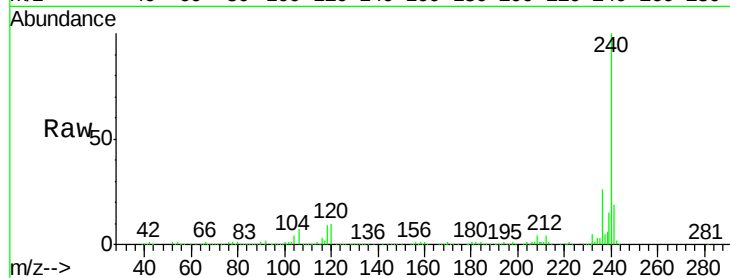




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.01 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

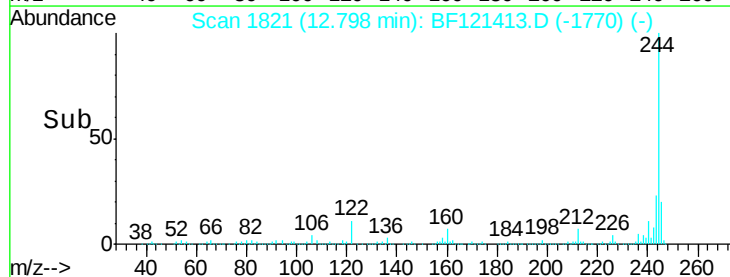
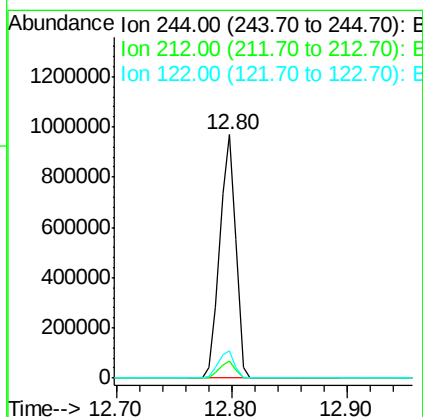
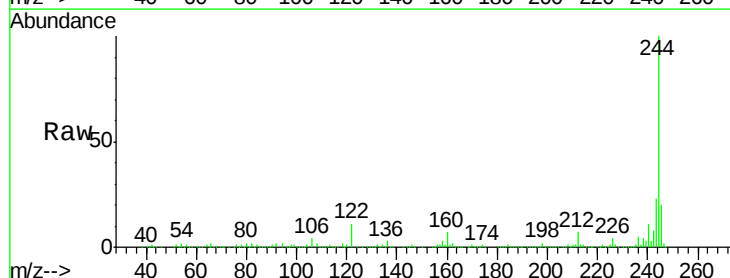
Instrument :
 BNA_F
 ClientSampleId :
 20200510-AMENDED-COMP-A

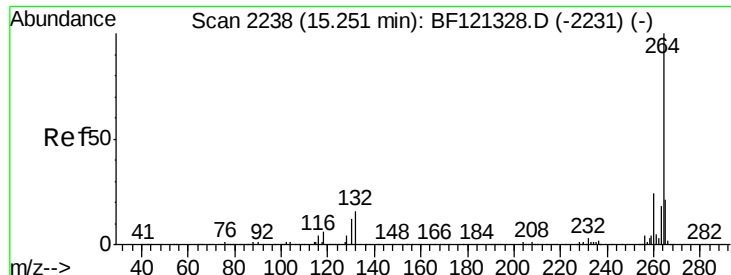
Tot Ion:240 Resp: 519623
 Ion Ratio Lower Upper
 240 100
 120 10.3 9.6 14.4
 236 26.1 20.6 31.0



#79
 Terphenyl-d14
 Concen: 34.961 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BF121413.D
 Acq: 24 Aug 2020 22:32

Tgt Ion:244 Resp: 929627
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.0 7.8 11.8

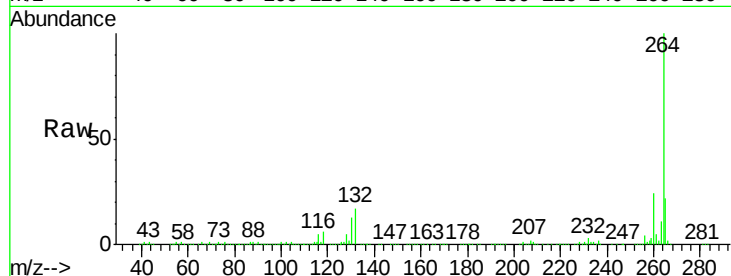




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF121413.D
Acq: 24 Aug 2020 22:32

Instrument :
BNA_F
ClientSampleId :
20200510-AMENDED-COMP-A

Tot Ion:	264	Resp:	461985
Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

