

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121874.D
 Acq On : 7 Oct 2020 15:24
 Operator : JU/CG
 Sample : L4269-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 362-CONCRETE

Quant Time: Oct 07 15:58:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

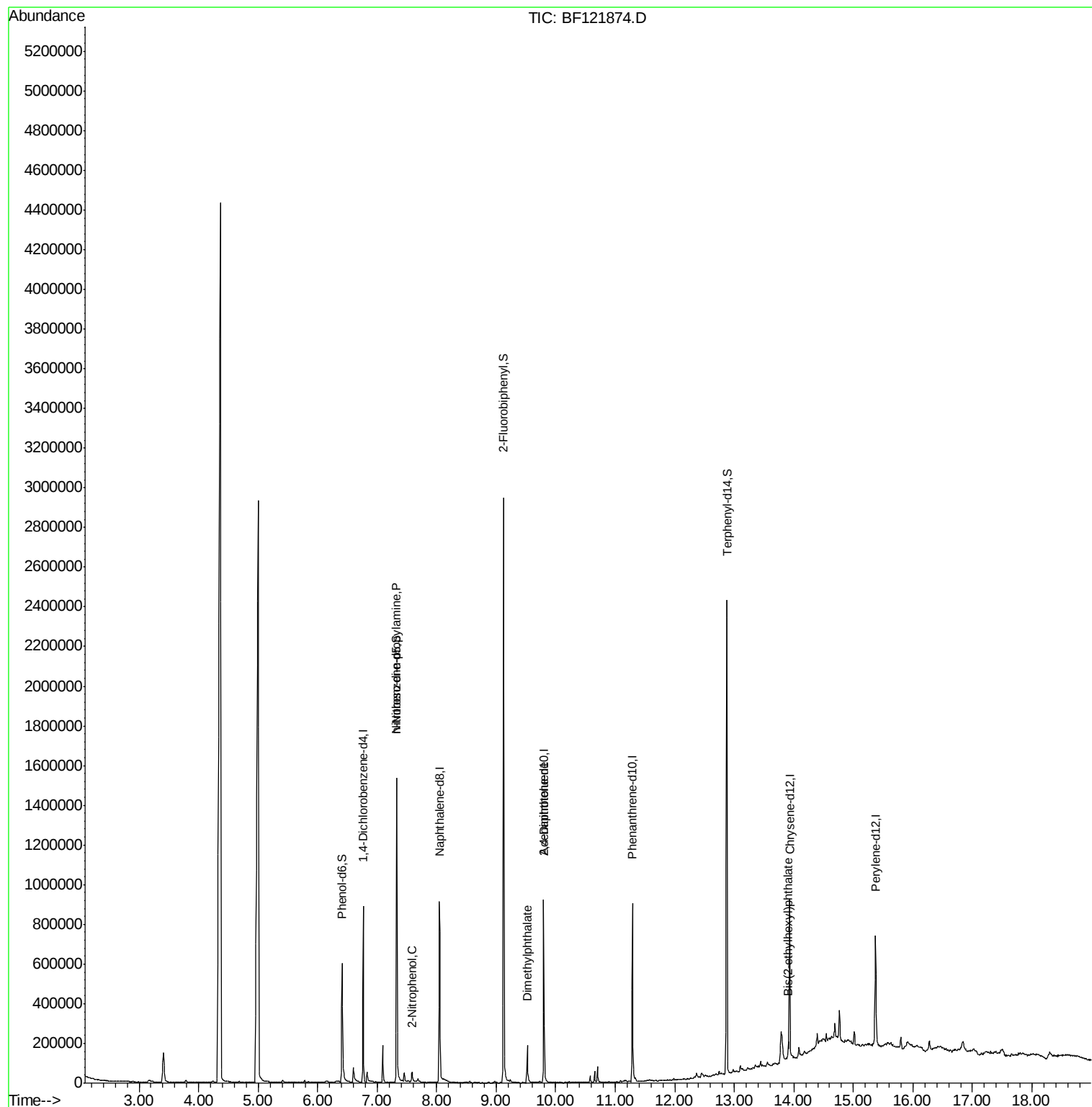
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	116869	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	451847	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	212350	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	344005	20.00	ng	0.00
76) Chrysene-d12	13.93	240	278921	20.00	ng	0.00
86) Perylene-d12	15.37	264	253228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	6941	0.88	ng	0.03
7) Phenol-d6	6.41	99	233648	22.65	ng	0.00
23) Nitrobenzene-d5	7.33	82	542157	64.42	ng	-0.01
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.12	172	948867	67.68	ng	-0.01
79) Terphenyl-d14	12.87	244	785328	57.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	72771	12.239	ng	# 79
26) 2-Nitrophenol	7.59	139	257	2.616	ng	# 50
50) Dimethylphthalate	9.52	163	110923	7.207	ng	99
57) 2,4-Dinitrotoluene	9.80	165	27405	6.646	ng	# 20
84) Bis(2-ethylhexyl)phthalate	13.90	149	24113	2.190	ng	97

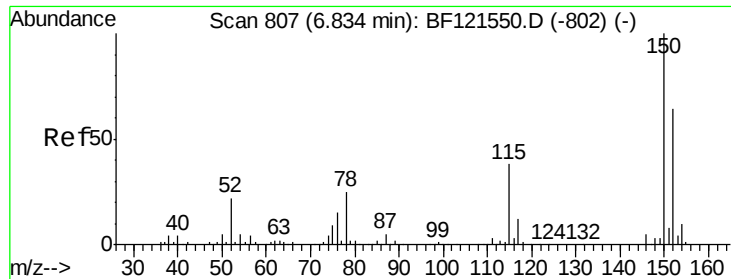
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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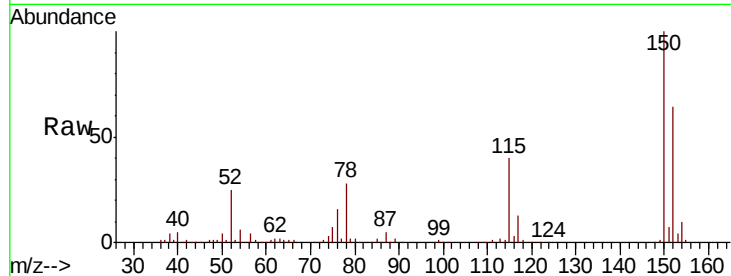


#1

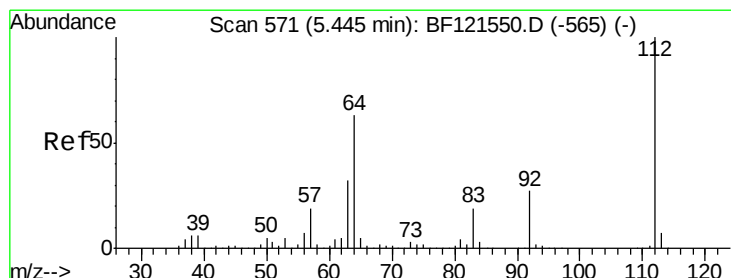
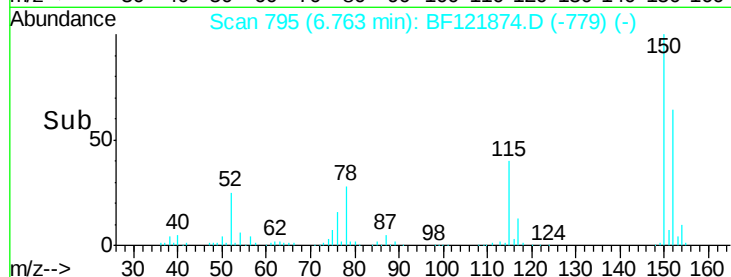
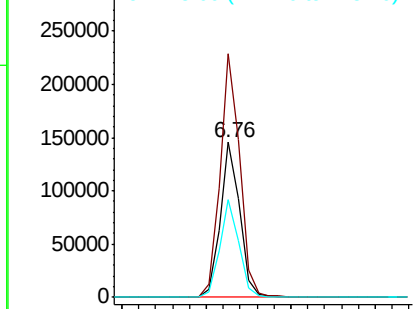
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:152 Resp: 116869
Ion Ratio Lower Upper
152 100
150 157.2 125.3 187.9
115 62.9 51.9 77.9



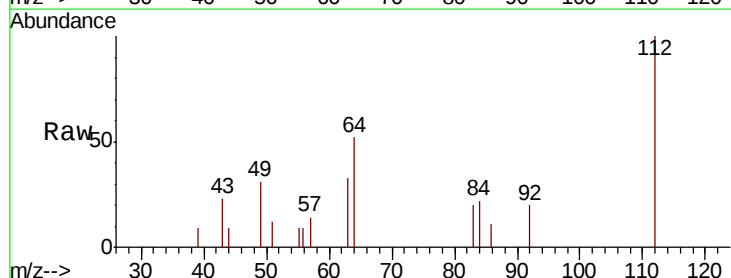
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



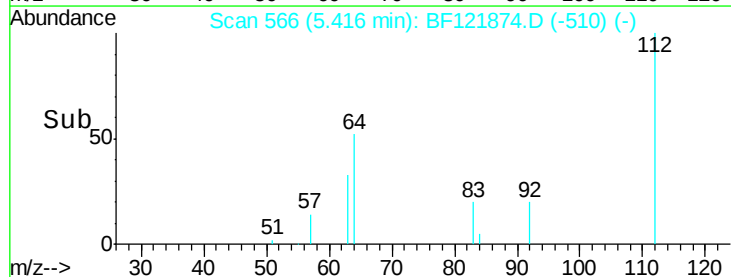
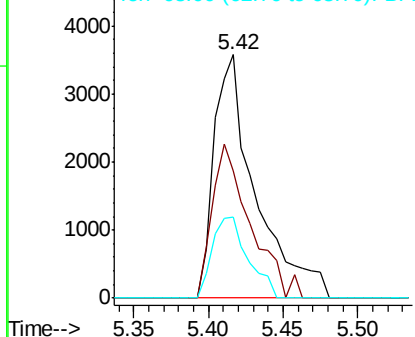
#5

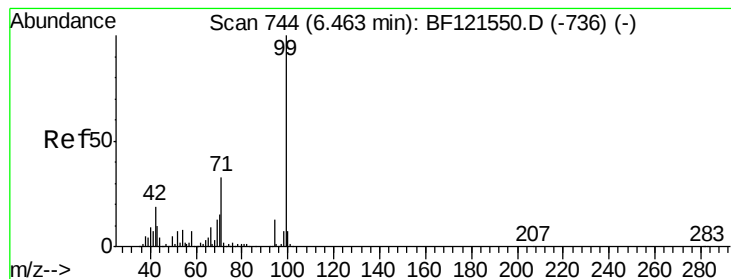
2-Fluorophenol
Concen: 0.883 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.03 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Tgt Ion:112 Resp: 6941
Ion Ratio Lower Upper
112 100
64 52.0 50.4 75.6
63 33.2 25.8 38.6



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: 22.647 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121874.D

Acq: 7 Oct 2020 15:24

Instrument :

BNA_F

ClientSampleId :

362-CONCRETE

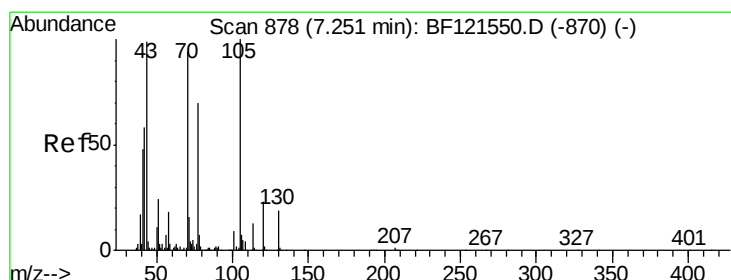
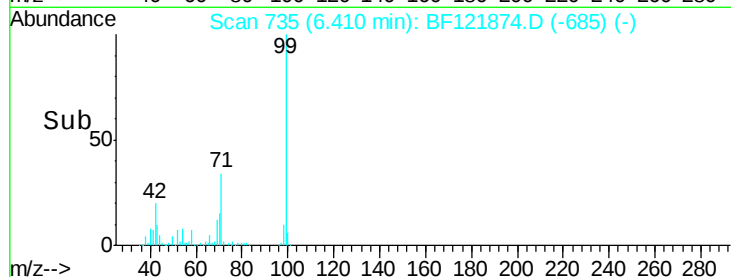
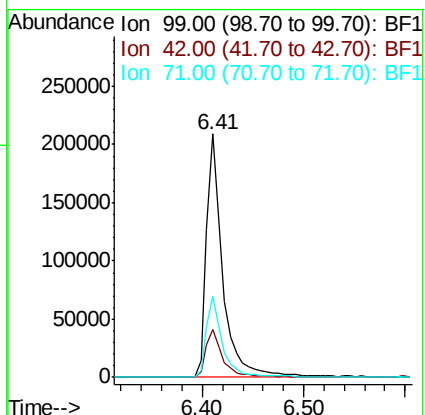
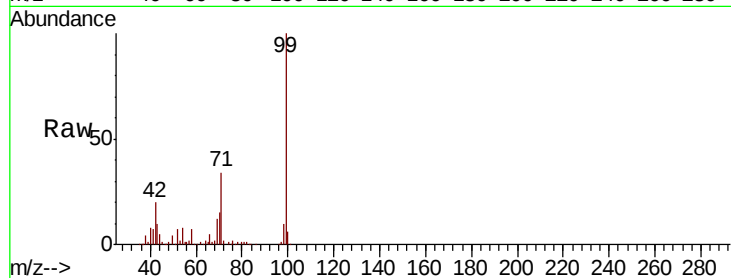
Tot Ion: 99 Resp: 233648

Ion Ratio Lower Upper

99 100

42 19.6 15.9 23.9

71 33.5 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.239 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121874.D

Acq: 7 Oct 2020 15:24

Tgt Ion: 70 Resp: 72771

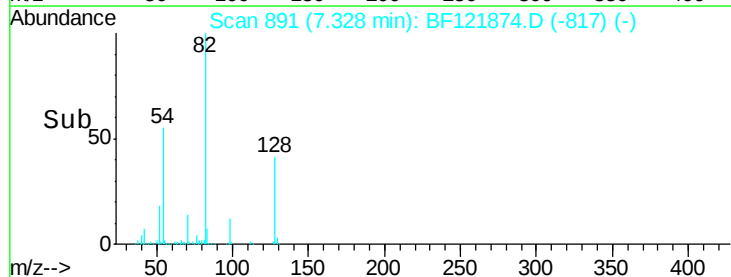
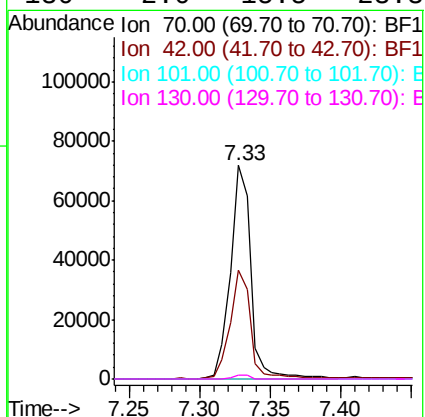
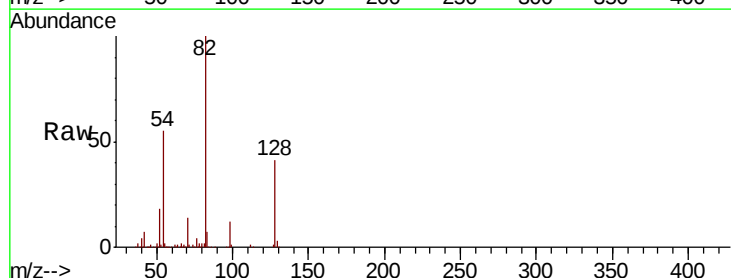
Ion Ratio Lower Upper

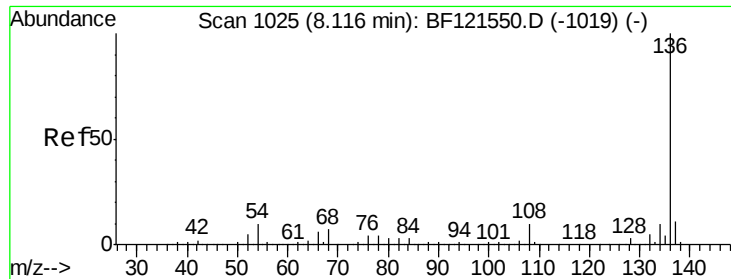
70 100

42 51.3 50.2 75.4

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

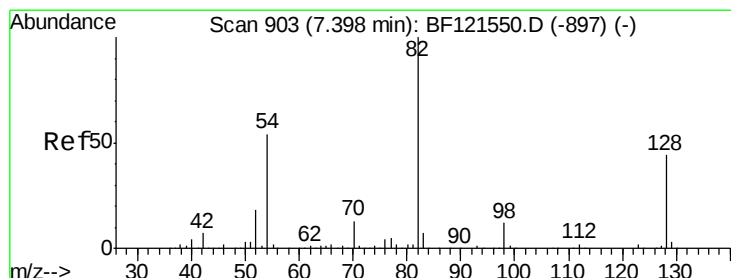
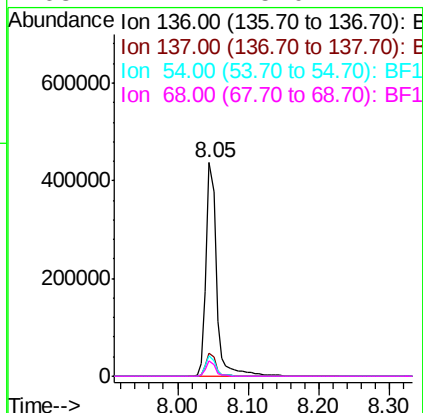
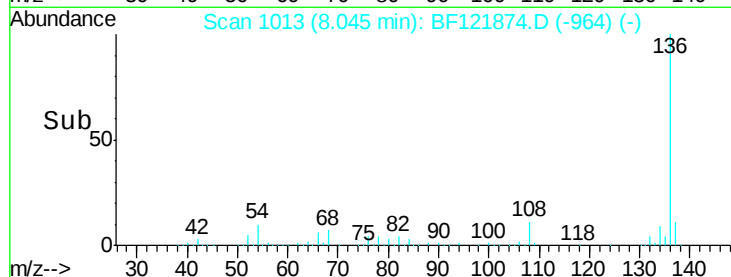
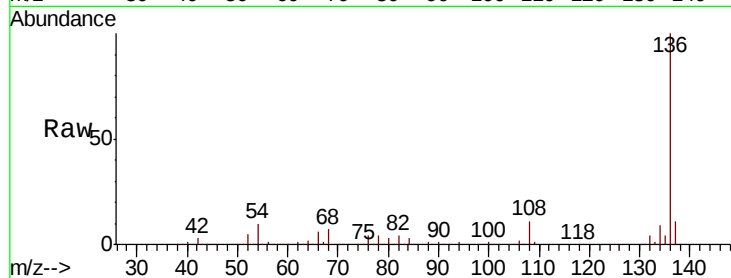




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

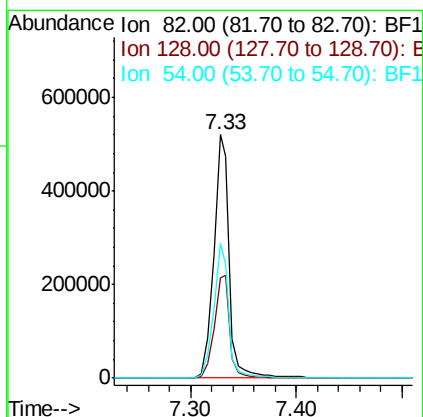
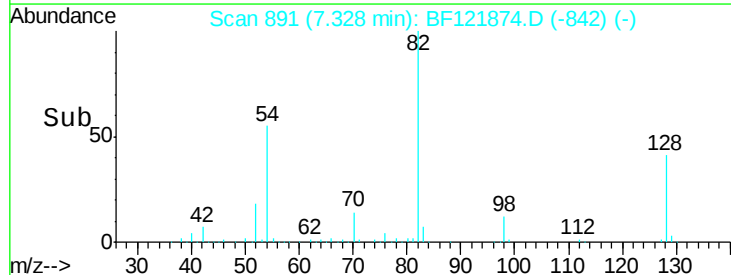
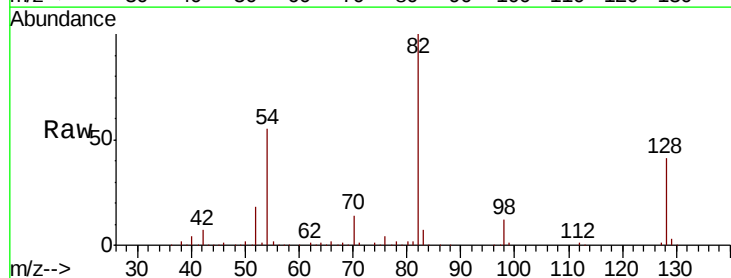
Instrument :
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ClientSampleId :
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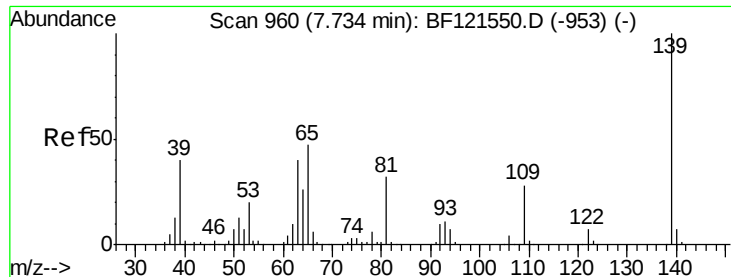
Tot Ion:136	Resp:	451847
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	9.8	7.1 10.7
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 64.423 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Tgt Ion: 82	Resp:	542157
Ion	Ratio	Lower Upper
82	100	
128	41.2	35.0 52.4
54	55.3	43.9 65.9

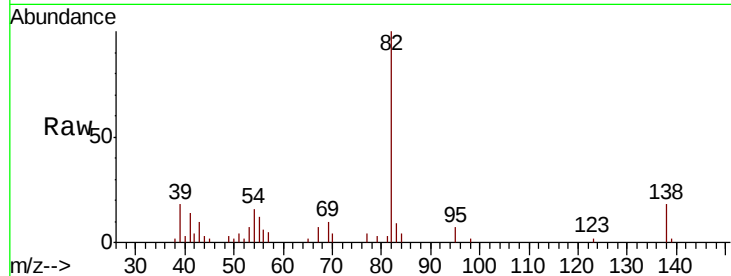




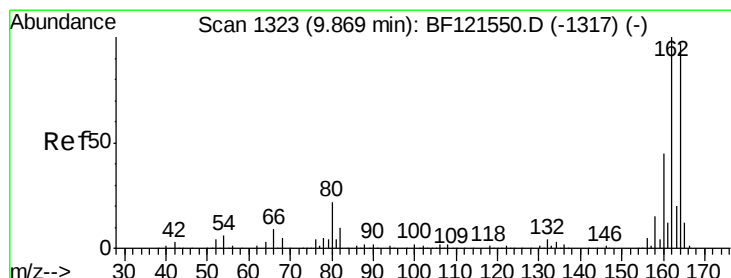
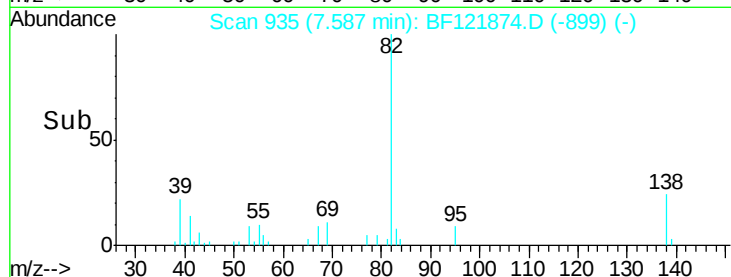
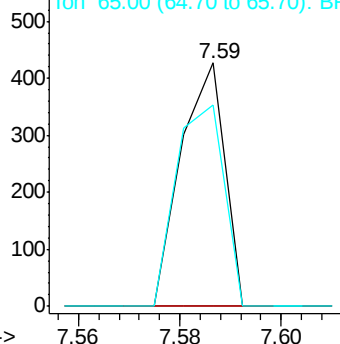
#26
2-Nitrophenol
Concen: 2.616 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.09 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Instrument :
BNA_F
ClientSampleId :
362-CONCRETE

Tot Ion:139 Resp: 257
Ion Ratio Lower Upper
139 100
109 0.0 23.0 34.4#
65 82.9 39.9 59.9#

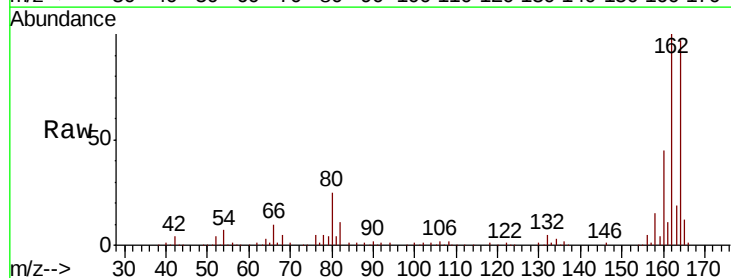


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

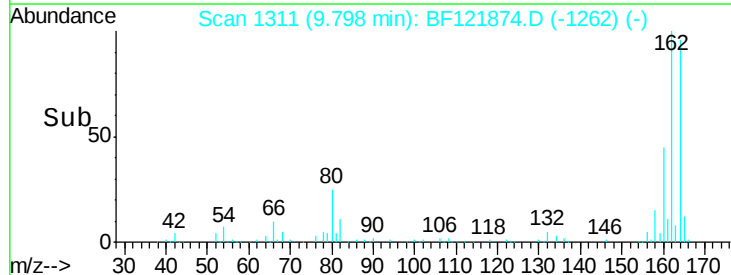
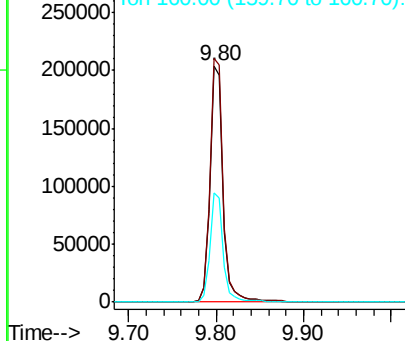


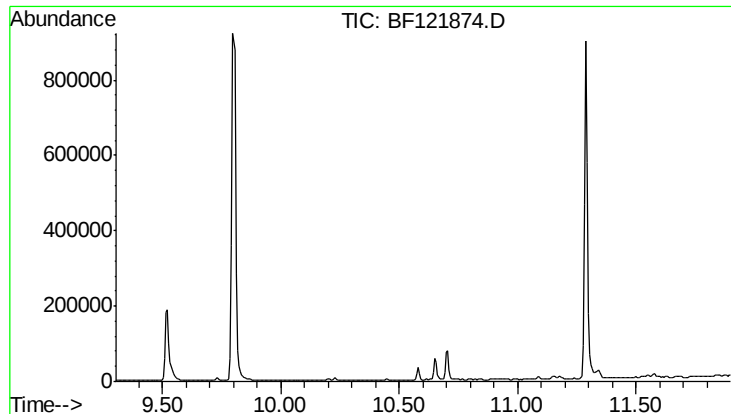
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Tgt Ion:164 Resp: 212350
Ion Ratio Lower Upper
164 100
162 103.2 83.2 124.8
160 46.1 37.5 56.3



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

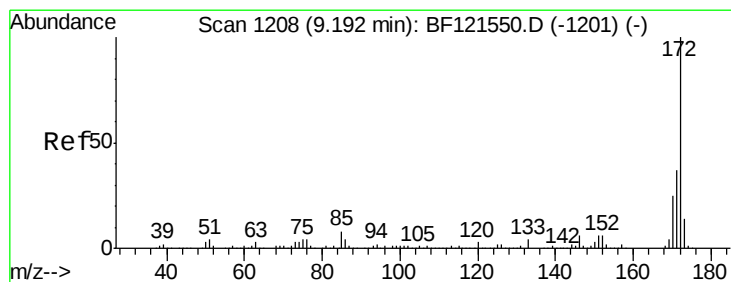
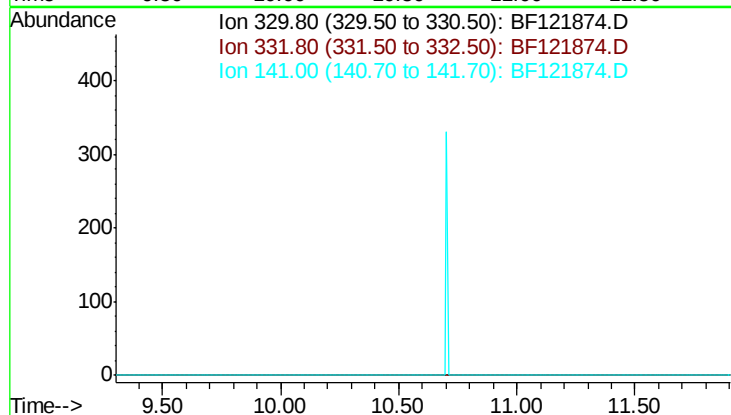




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.60 min
 Lab File: BF121874.D
 Acq: 7 Oct 2020 15:24

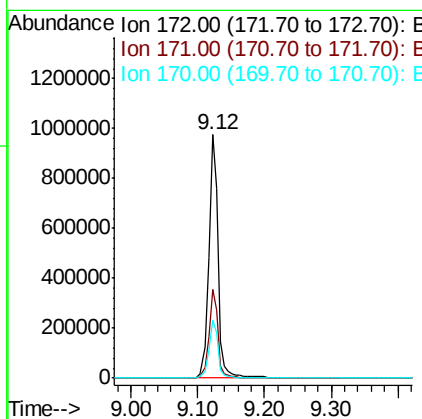
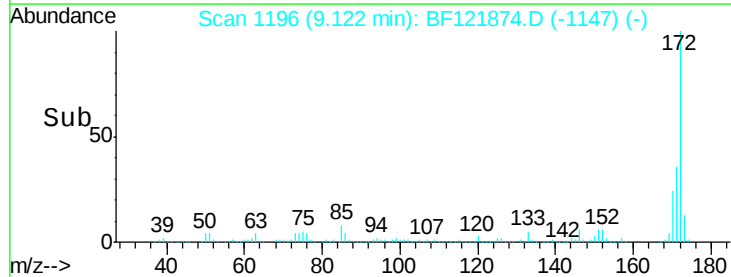
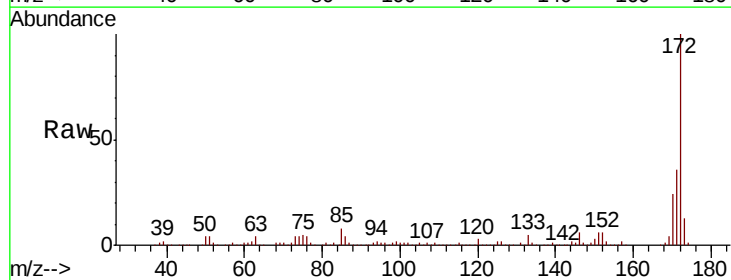
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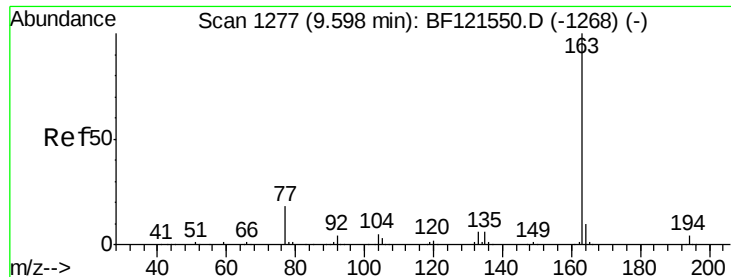
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.6
 141 27.9



#45
 2-Fluorobiphenyl
 Concen: 67.675 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121874.D
 Acq: 7 Oct 2020 15:24

Tgt Ion: 172 Resp: 948867
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.1 43.7
 170 23.8 19.8 29.6

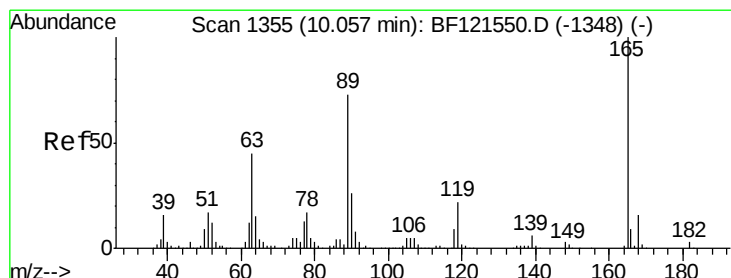
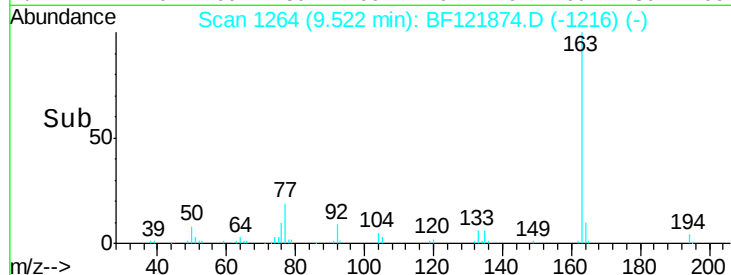
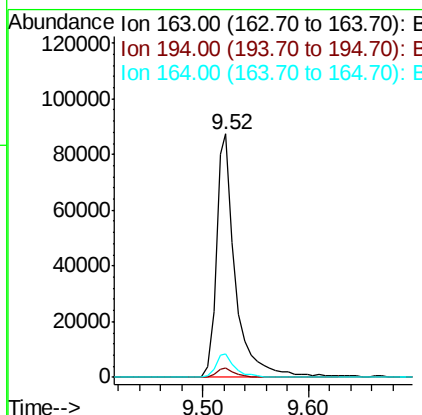
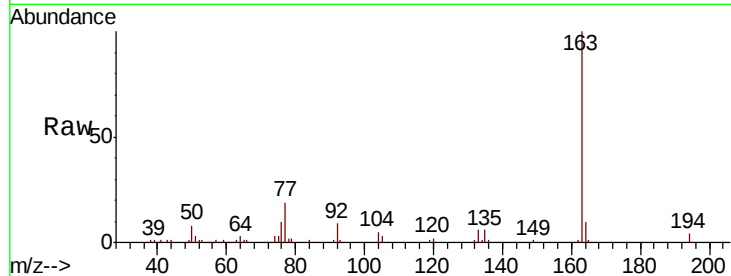




#50
Dimethylphthalate
Concen: 7.207 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

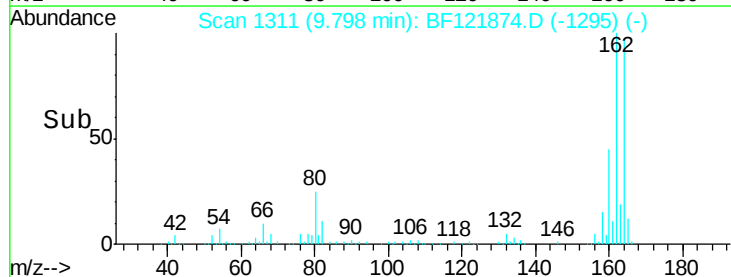
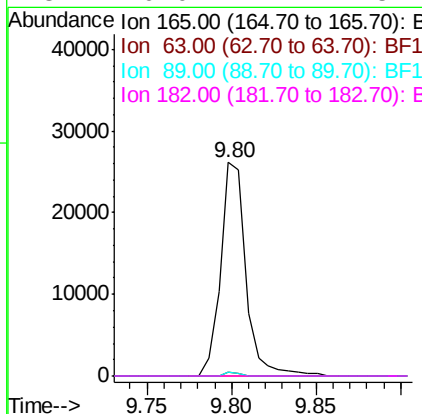
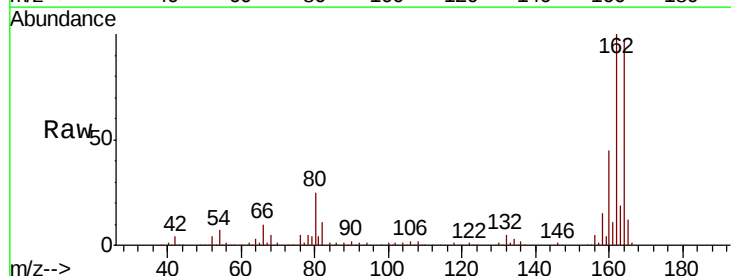
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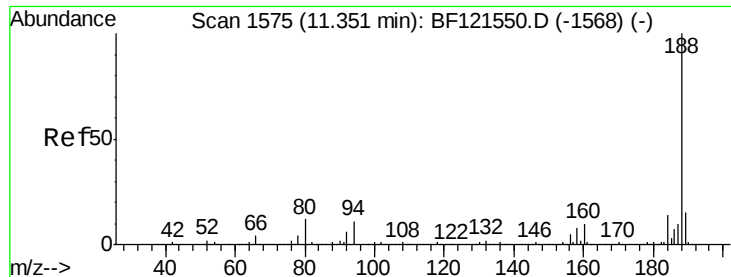
Tot Ion:163 Resp: 110923
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.4



#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Tgt Ion:165 Resp: 27405
Ion Ratio Lower Upper
165 100
63 1.6 41.3 61.9#
89 1.6 61.8 92.8#
182 0.0 2.1 3.1#

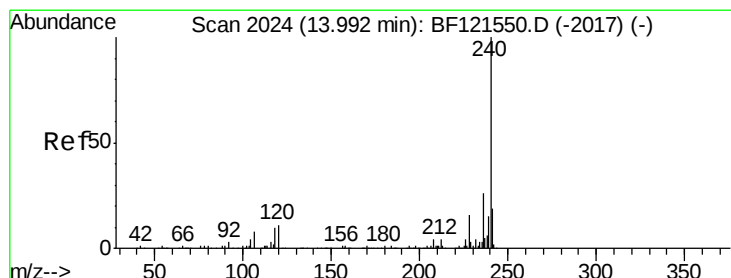
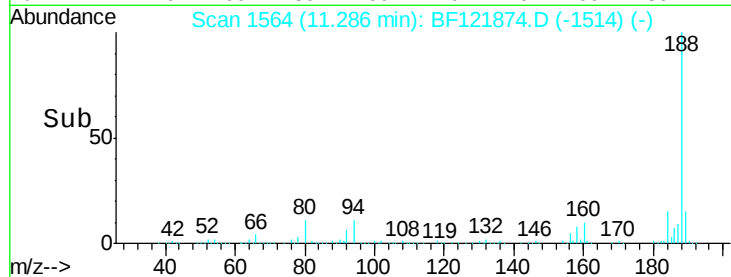
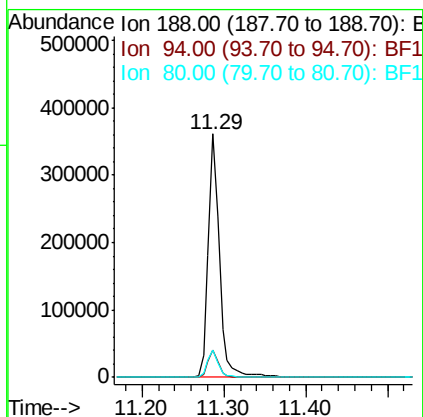
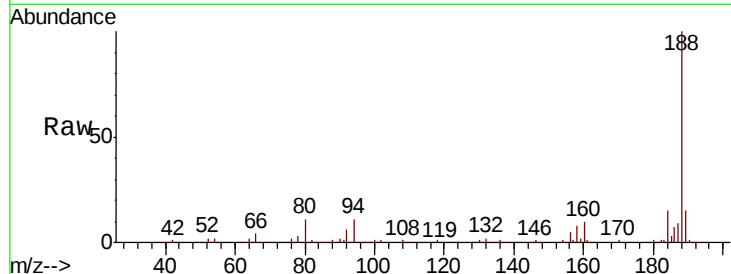




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

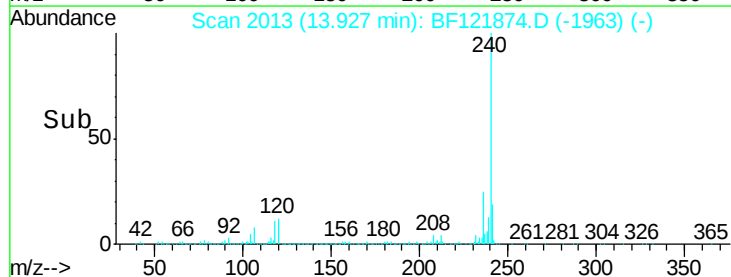
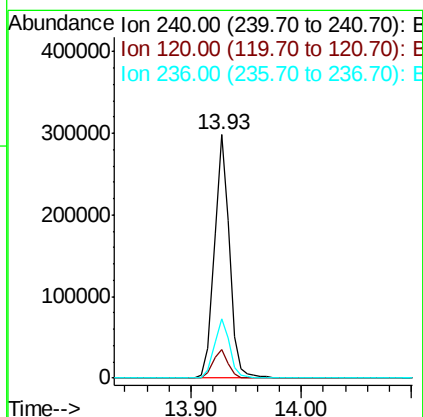
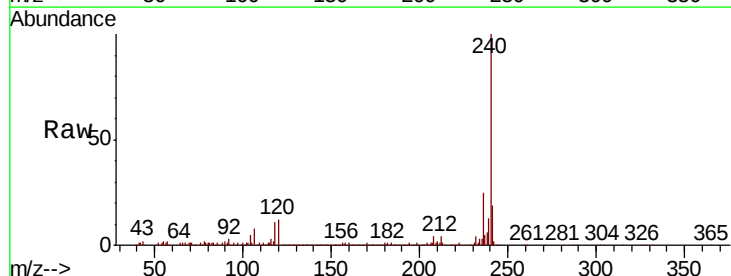
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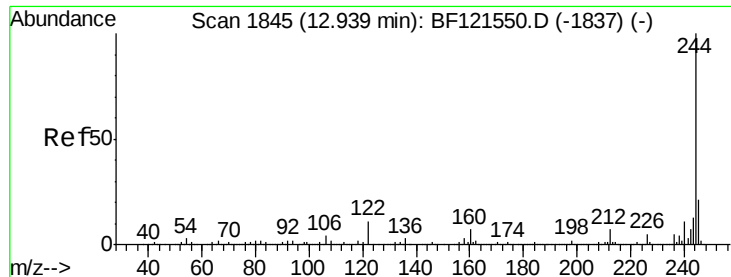
Tot Ion:188 Resp: 344005
Ion Ratio Lower Upper
188 100
94 11.1 8.3 12.5
80 11.4 9.1 13.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Tgt Ion:240 Resp: 278921
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 24.5 20.9 31.3





#79

Terphenyl-d14

Concen: 57.041 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF121874.D

Acq: 7 Oct 2020 15:24

Instrument :

BNA_F

ClientSampleId :

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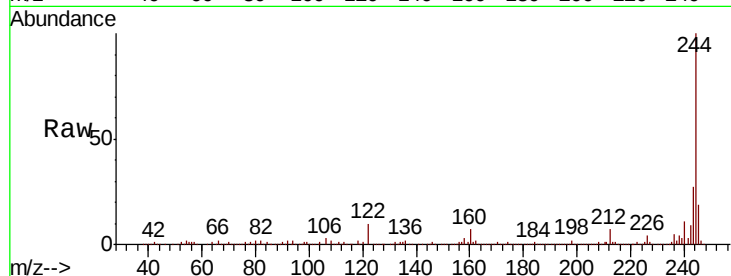
Tot Ion:244 Resp: 785328

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

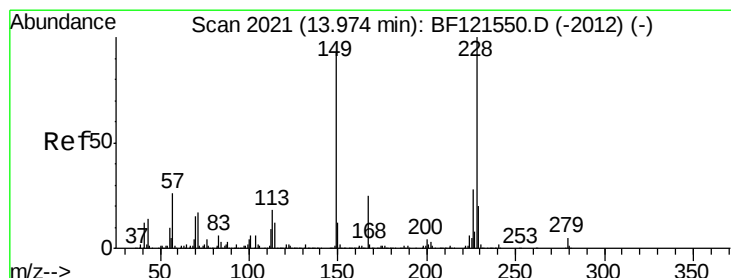
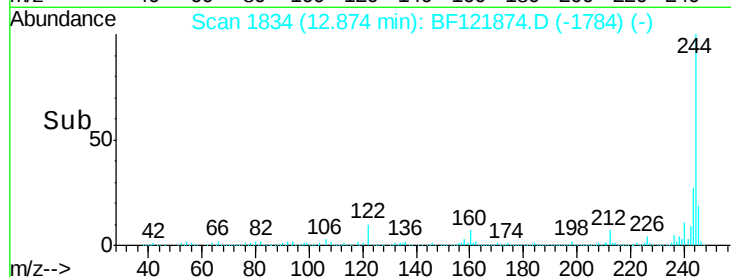
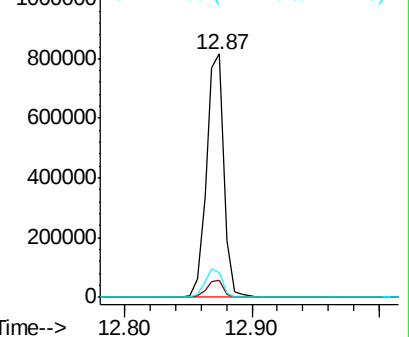
122 10.3 8.1 12.1



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.190 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF121874.D

Acq: 7 Oct 2020 15:24

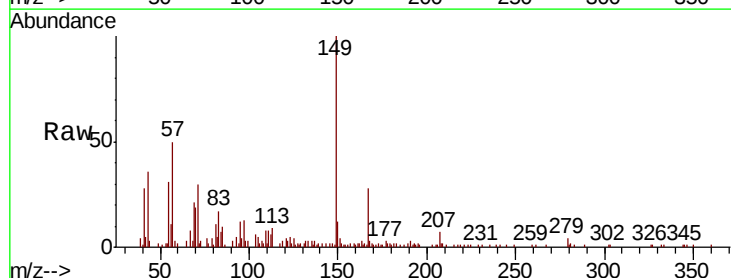
Tgt Ion:149 Resp: 24113

Ion Ratio Lower Upper

149 100

167 27.5 20.9 31.3

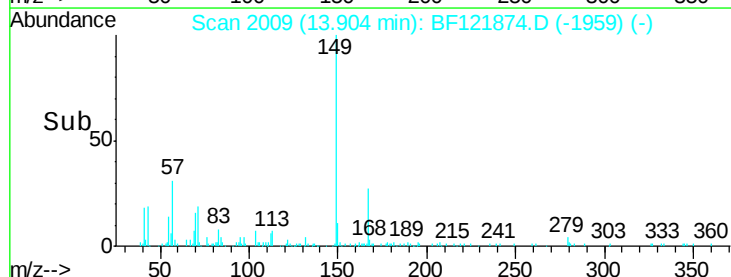
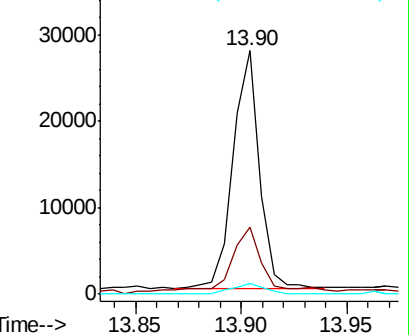
279 4.3 3.2 4.8

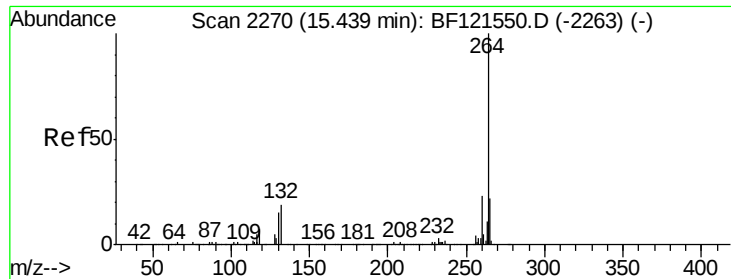


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.37 min Scan# 2258
Delta R.T. 0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Instrument :
BNA_F
ClientSampleId :
362-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.1	17.3	25.9

