

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 16:00:11 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

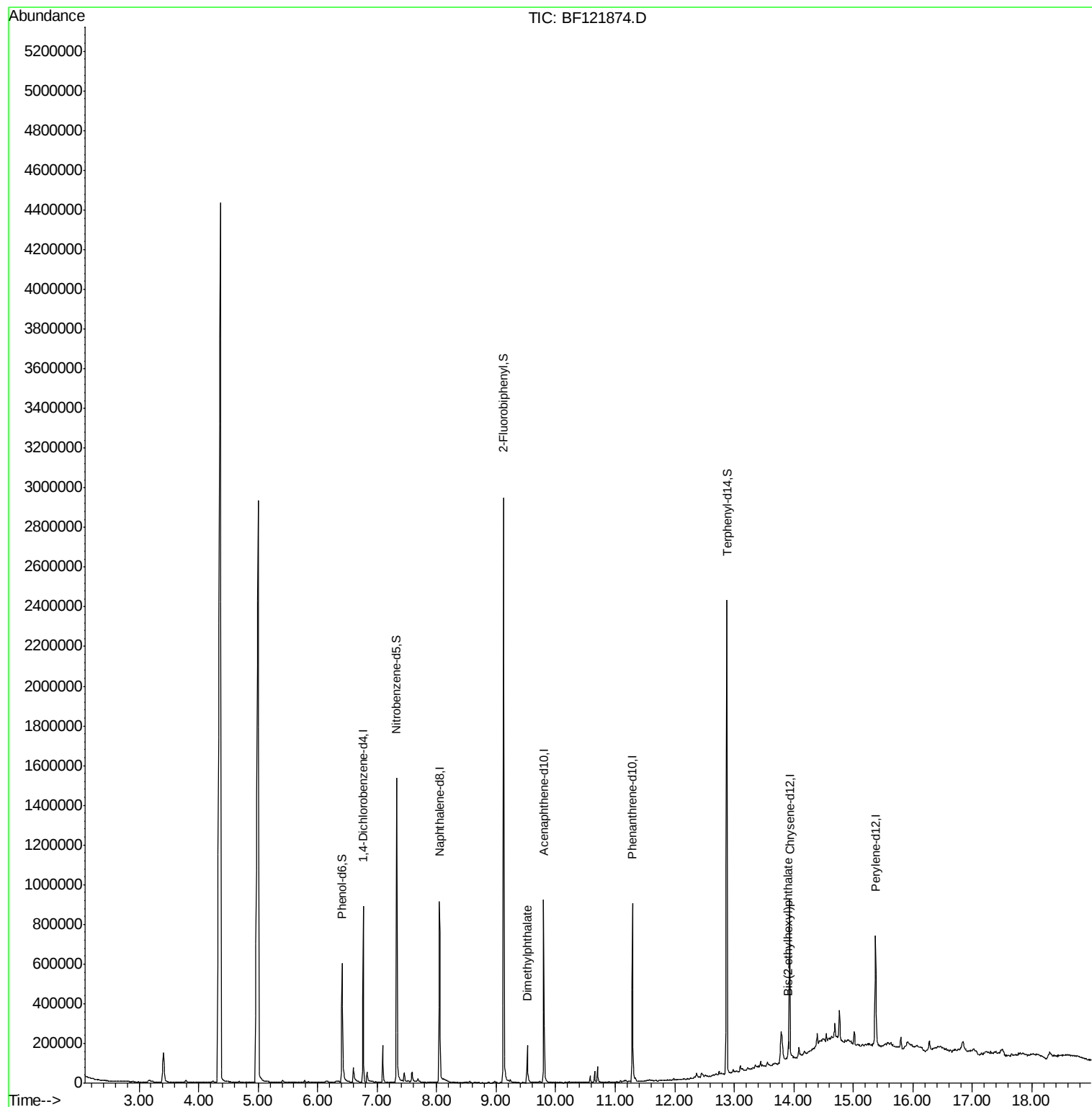
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	116869	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	451847	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	212350	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	344005	20.00	ng	0.00
76) Chrysene-d12	13.93	240	278921	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						
50) Dimethylphthalate	9.52	163	110923	7.207	ng	99
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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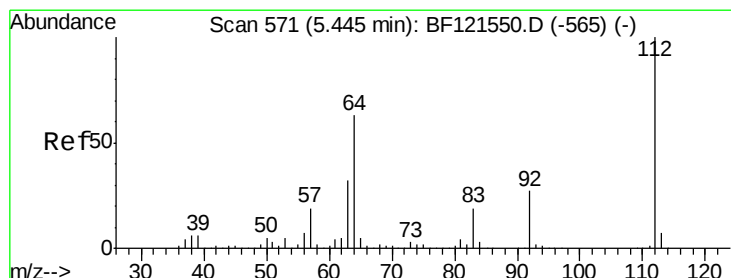
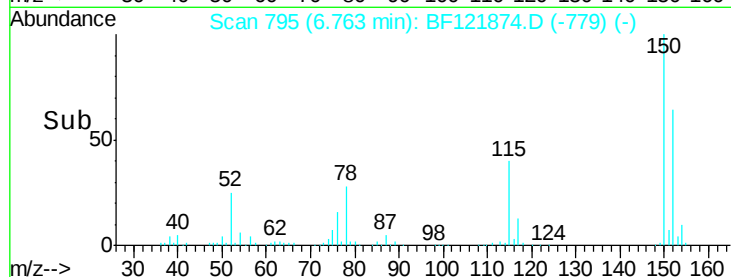
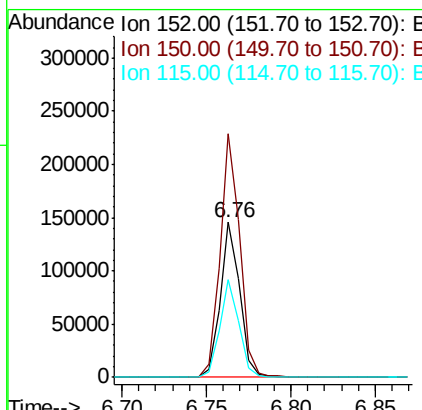
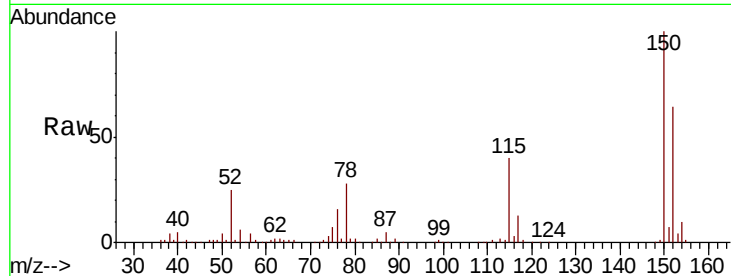




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF121874.D
 Acq: 7 Oct 2020 15:24

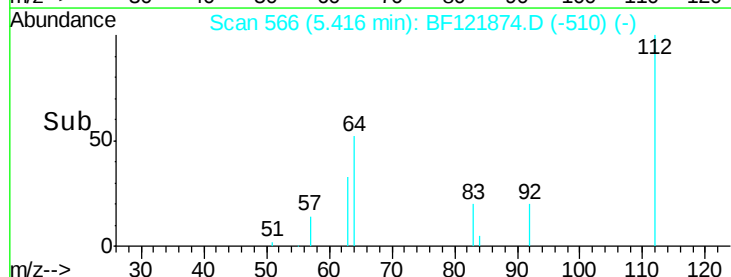
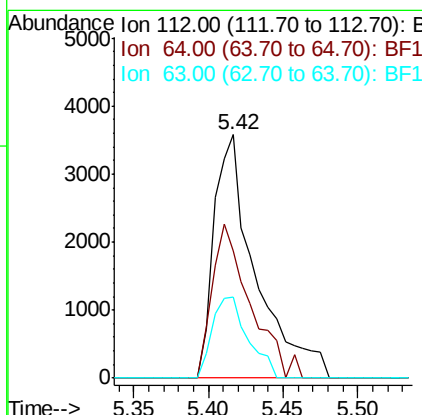
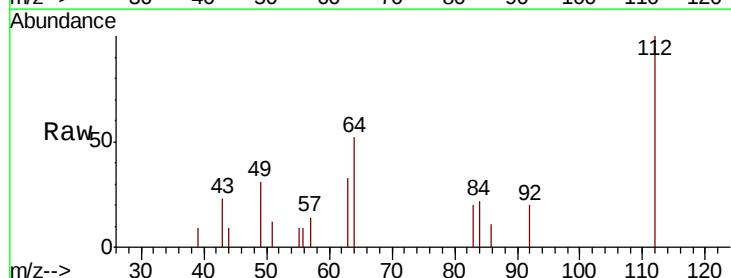
Instrument :
 BNA_F
 ClientSampleId :
 362-CONCRETE

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



#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





#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

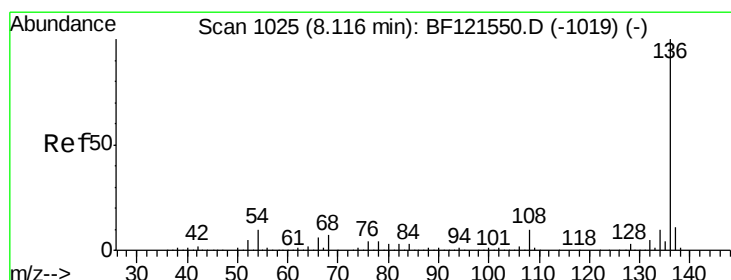
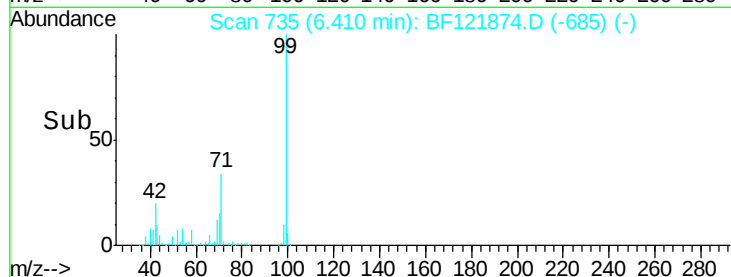
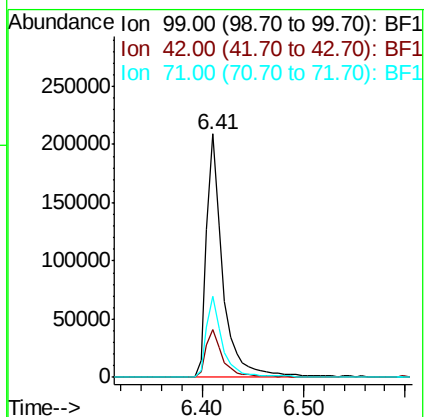
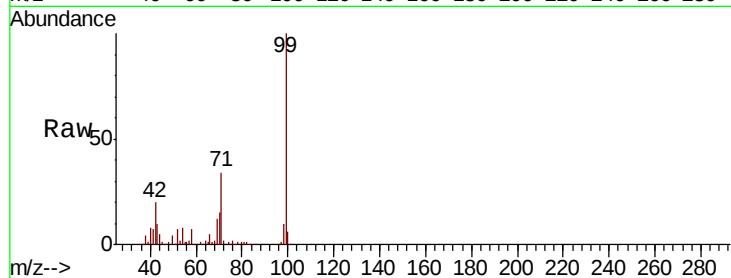
Tot Ion: 99 Resp: 233648

Ion Ratio Lower Upper

99 100

42 19.6 15.9 23.9

71 33.5 27.1 40.7



#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

Tgt Ion: 136 Resp: 451847

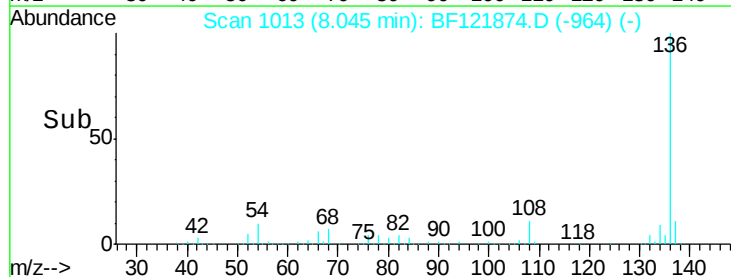
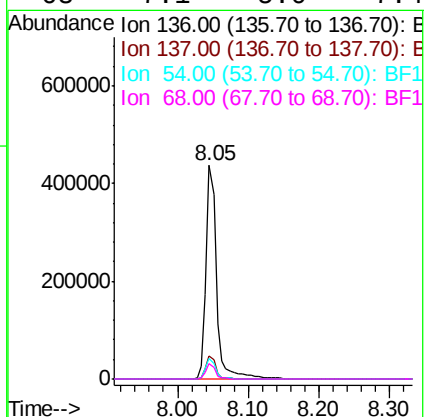
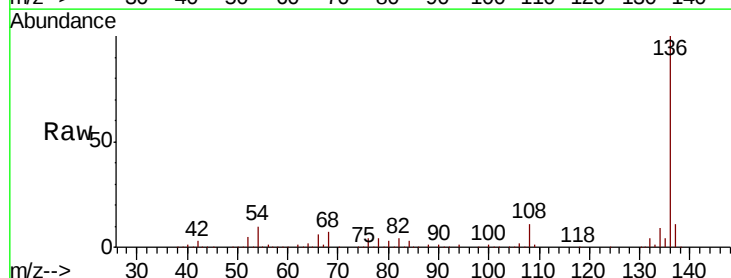
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 9.8 7.1 10.7

68 7.1 5.0 7.4

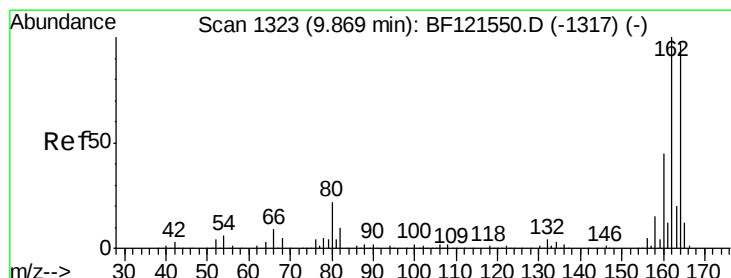
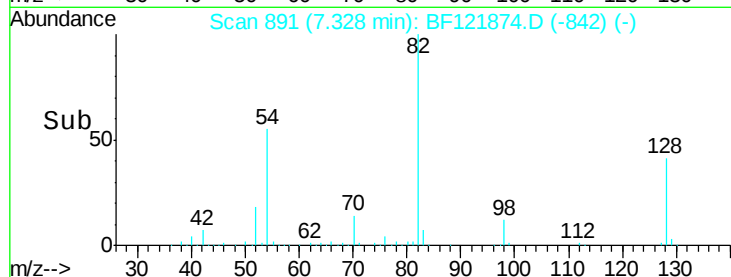
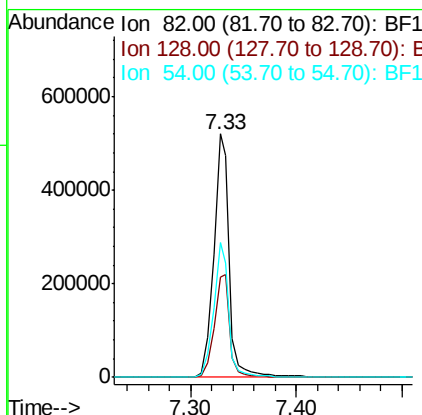
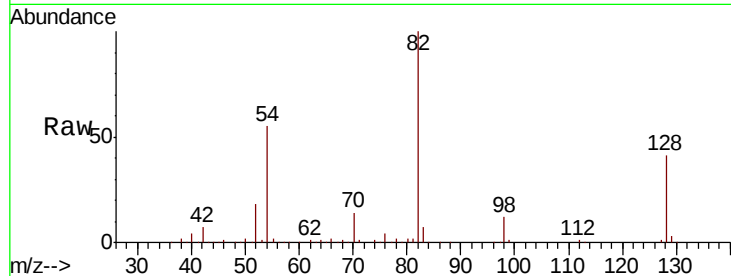




#23
 Nitrobenzene-d5
 Concen: 64.423 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BF121874.D
 Acq: 7 Oct 2020 15:24

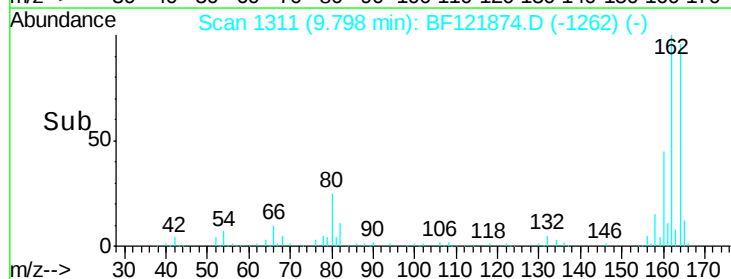
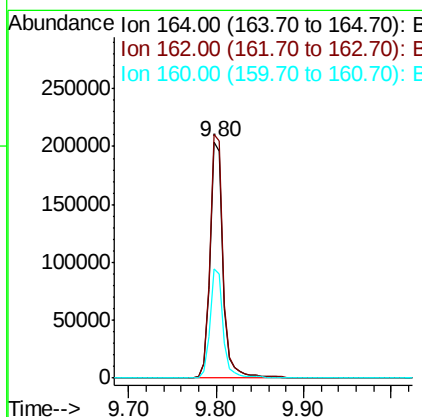
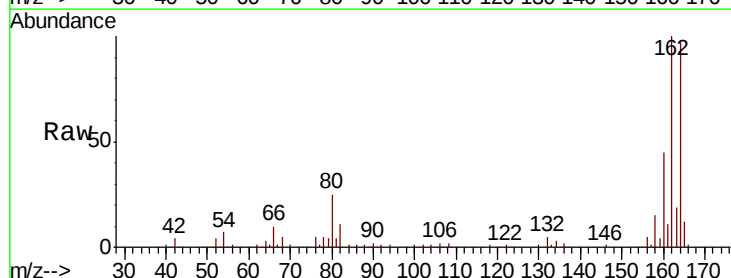
Instrument :
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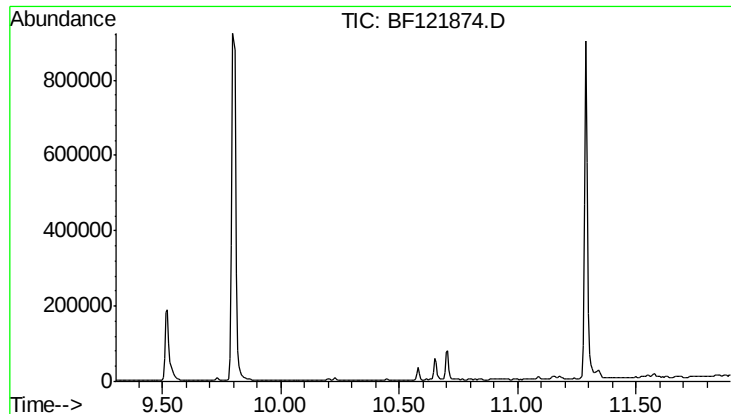
Tot Ion	82	Resp	542157
Ion Ratio	Lower	Upper	
82	100		
128	41.2	35.0	52.4
54	55.3	43.9	65.9



#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





#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.60 min

Lab File: BF121874.D

Acq: 7 Oct 2020 15:24

Instrument :

BNA_F

ClientSampleId :

362-CONCRETE

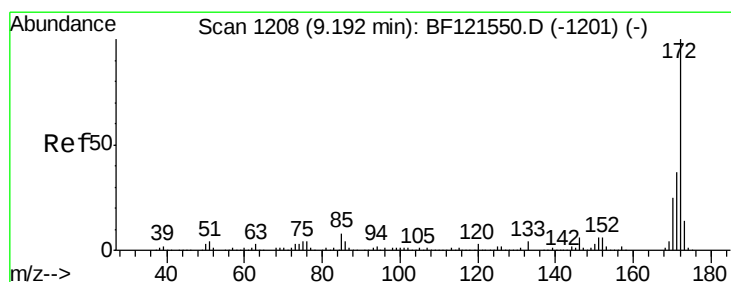
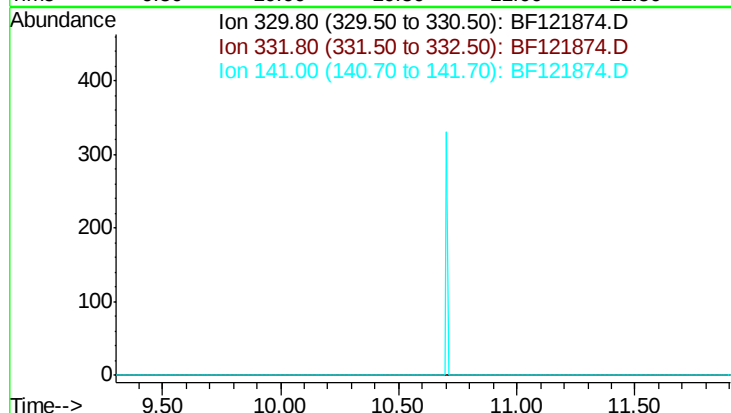
Tot Ion: 330

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

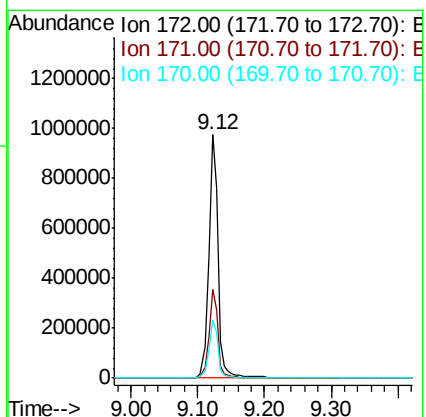
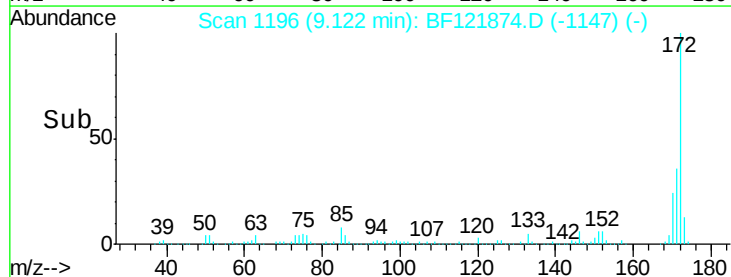
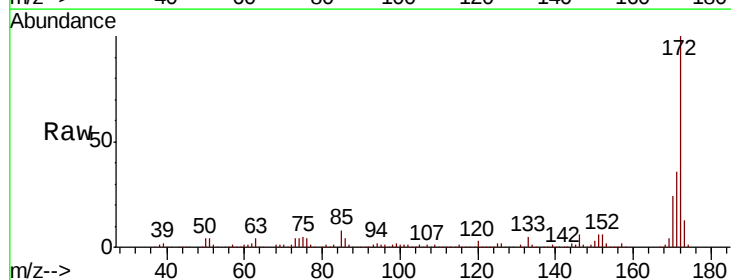
Tgt Ion:172 Resp: 948867

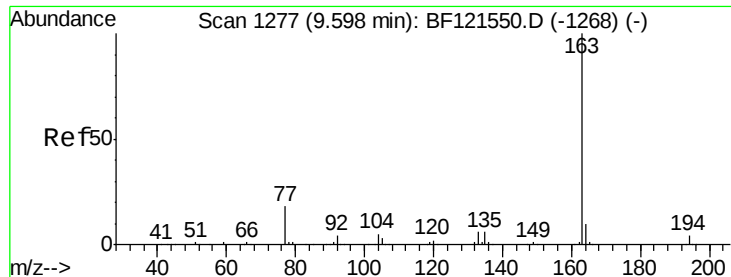
Ion Ratio Lower Upper

172 100

171 36.2 29.1 43.7

170 23.8 19.8 29.6

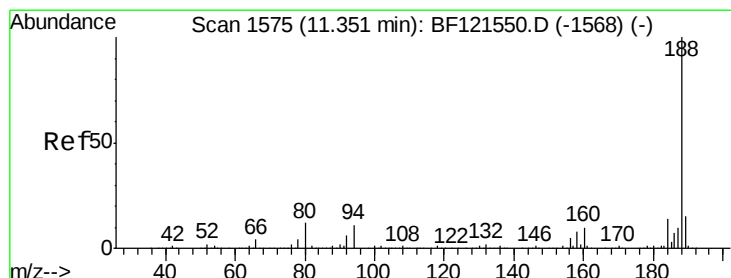
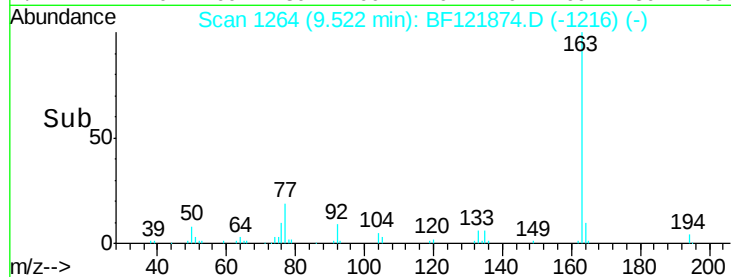
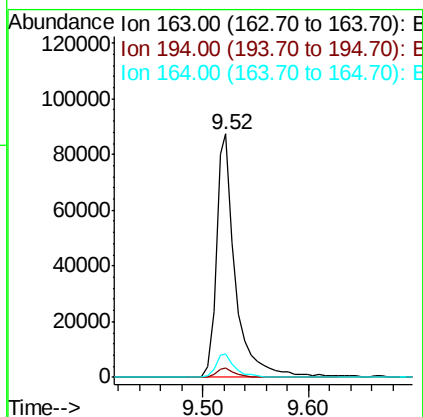
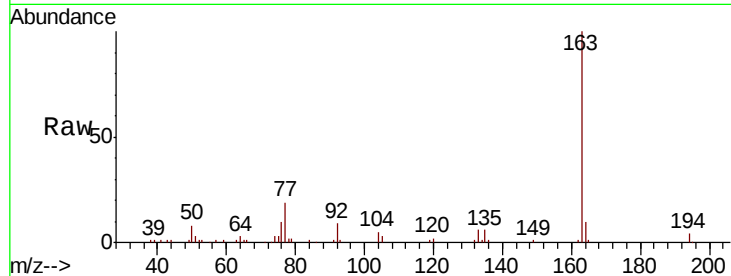




#50
Dimethylphthalate
Concen: 7.207 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

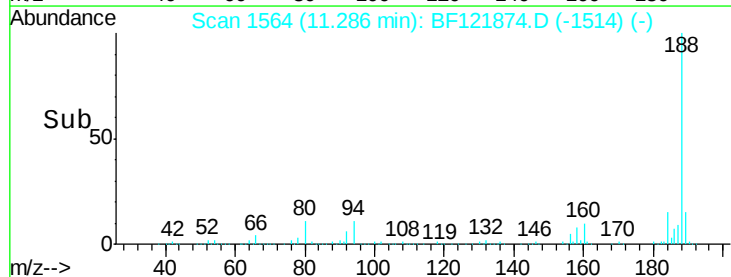
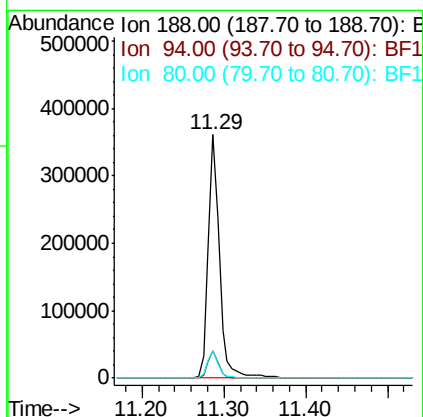
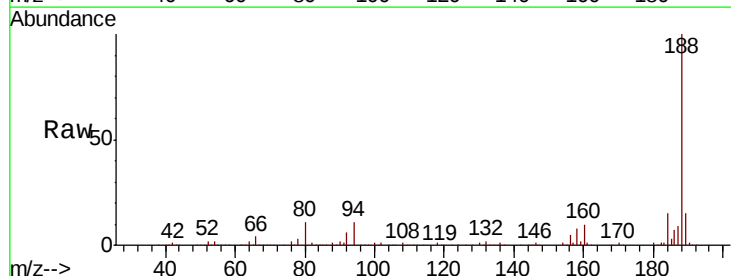
Instrument :
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362-CONCRETE

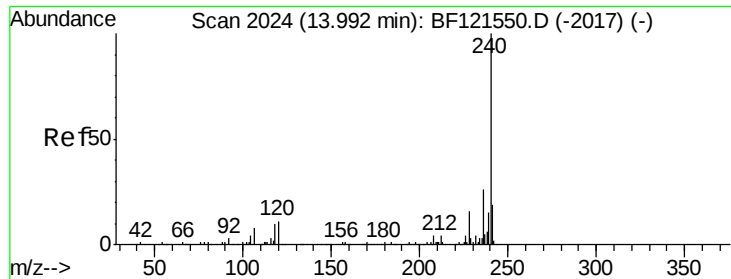
Tot Ion:163 Resp: 110923
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.2 12.4



#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

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

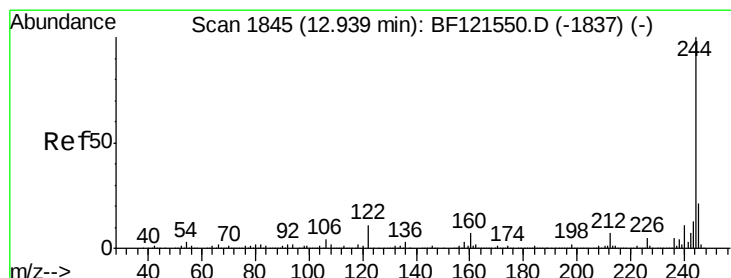
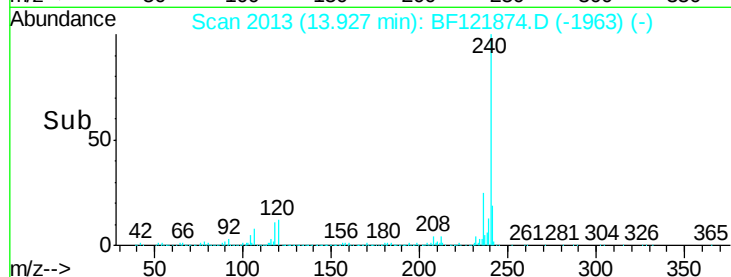
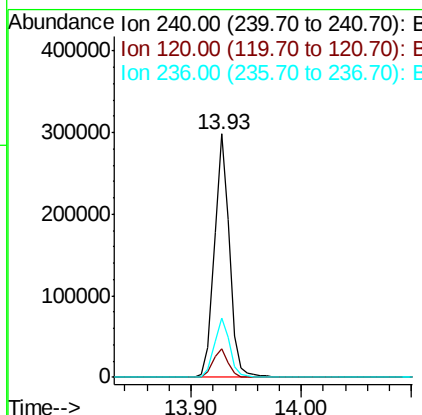
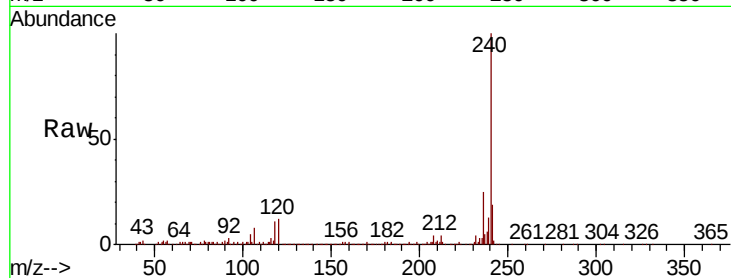




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

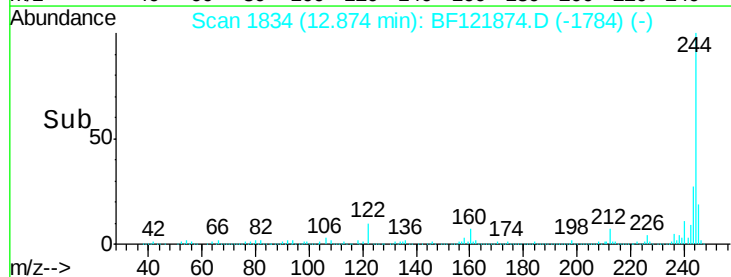
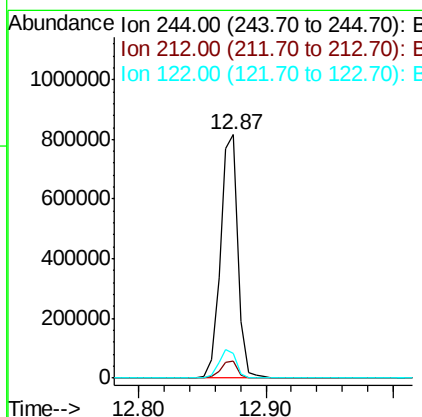
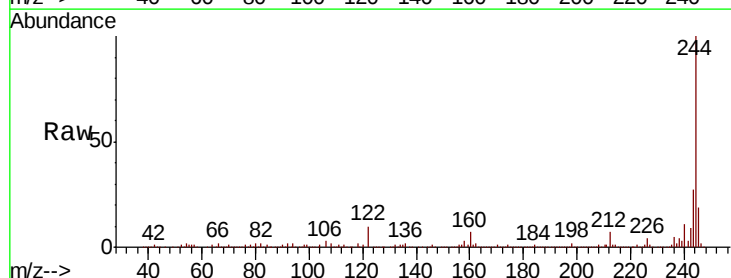
Instrument :
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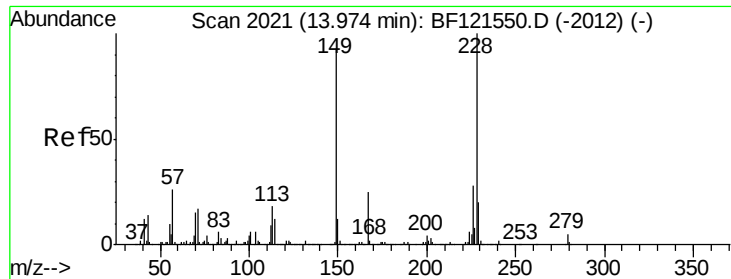
Tot Ion:240 Resp: 278921
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 24.5 20.9 31.3



#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

Tgt Ion:244 Resp: 785328
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 10.3 8.1 12.1

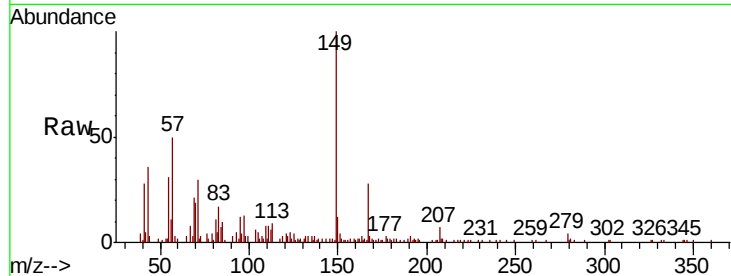




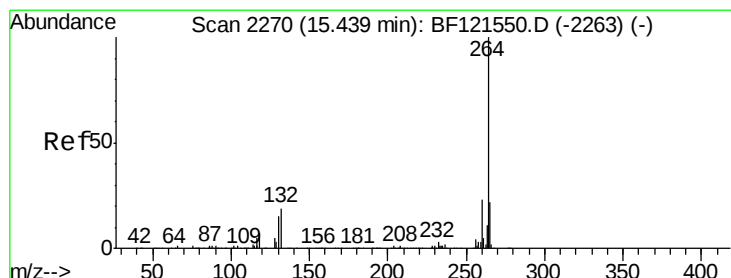
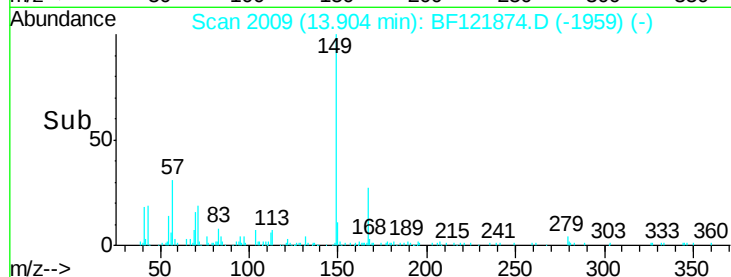
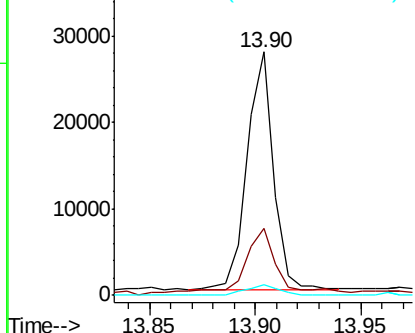
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.190 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF121874.D
Acq: 7 Oct 2020 15:24

Instrument :
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ClientSampleId :
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Tot Ion:149 Resp: 24113
Ion Ratio Lower Upper
149 100
167 27.5 20.9 31.3
279 4.3 3.2 4.8

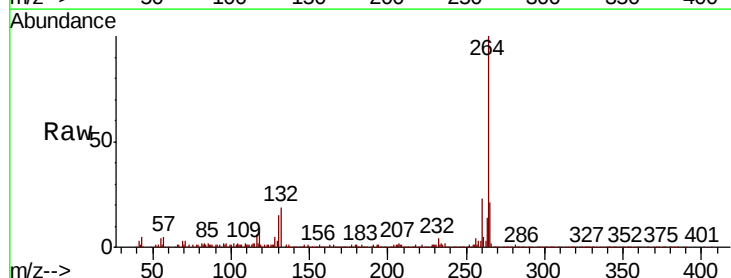


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86
Perylene-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

Tgt Ion:264 Resp: 253228
Ion Ratio Lower Upper
264 100
260 23.4 18.7 28.1
265 21.1 17.3 25.9



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

