

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121281.D
 Acq On : 13 Aug 2020 20:39
 Operator : JU/CG
 Sample : L3660-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB25984

Quant Time: Aug 14 00:46:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	95814	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	367231	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	176693	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	352210	20.00	ng	0.00
76) Chrysene-d12	13.87	240	246436	20.00	ng	0.00
86) Perylene-d12	15.29	264	233311	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	686400	108.61	ng	0.02
7) Phenol-d6	6.36	99	831223	102.06	ng	0.00
23) Nitrobenzene-d5	7.29	82	542173	80.69	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	229512	105.50	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	974931	76.33	ng	0.00
79) Terphenyl-d14	12.83	244	968267	76.59	ng	0.00

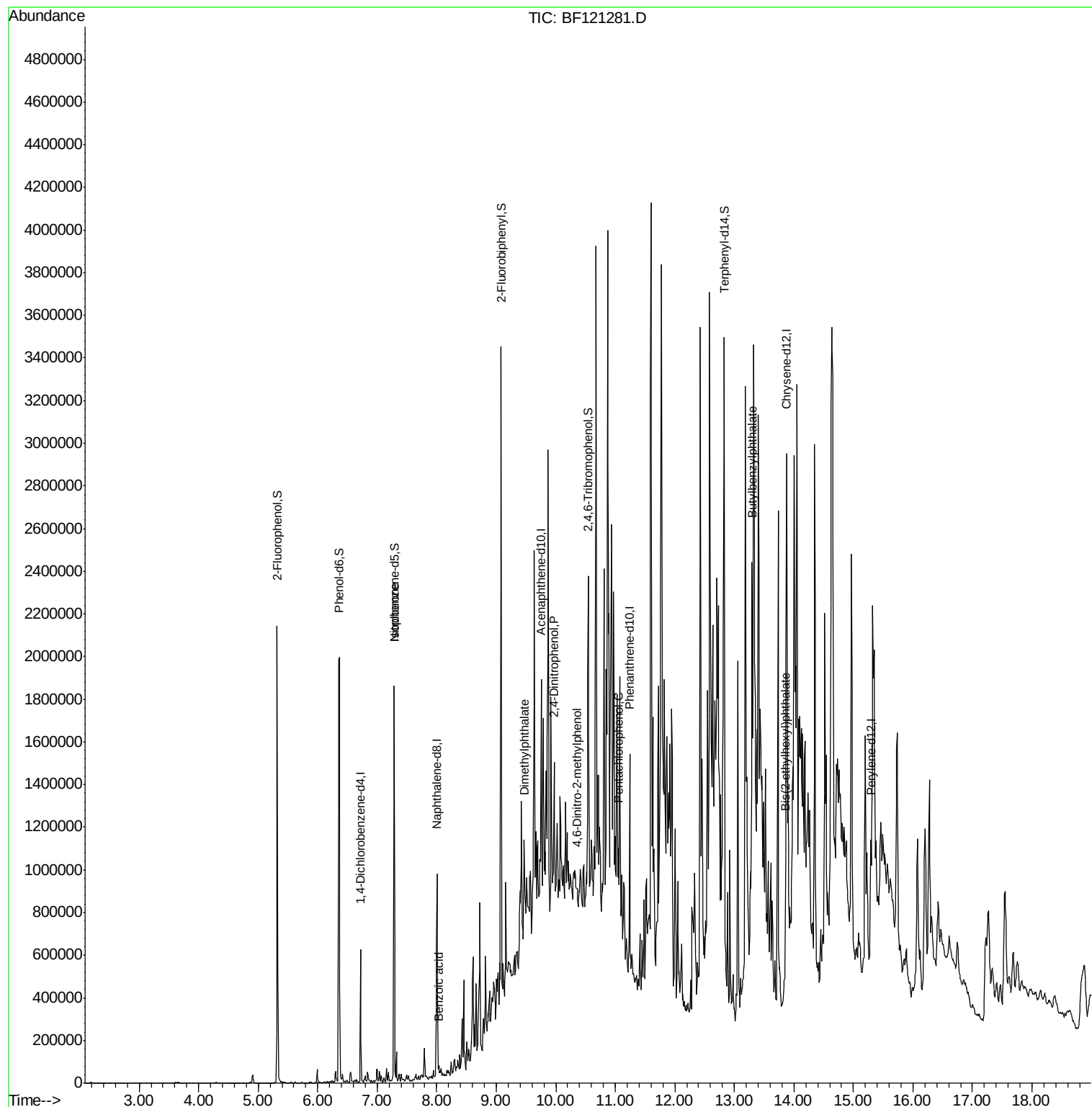
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.29	82	542162	40.188	ng	# 63
32) Benzoic acid	8.03	122	121	7.868	ng	# 1
50) Dimethylphthalate	9.47	163	56144	4.223	ng	# 96
54) 2,4-Dinitrophenol	9.97	184	812	5.332	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.37	198	745	6.233	ng	# 1
70) Pentachlorophenol	11.06	266	222	6.419	ng	# 18
80) Butylbenzylphthalate	13.30	149	100573	13.417	ng	# 99
84) Bis(2-ethylhexyl)phthalate	13.86	149	30336	2.936	ng	# 96

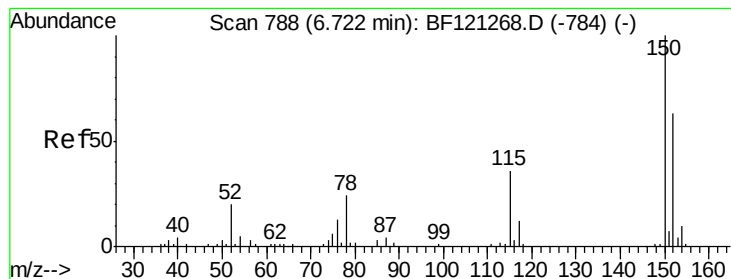
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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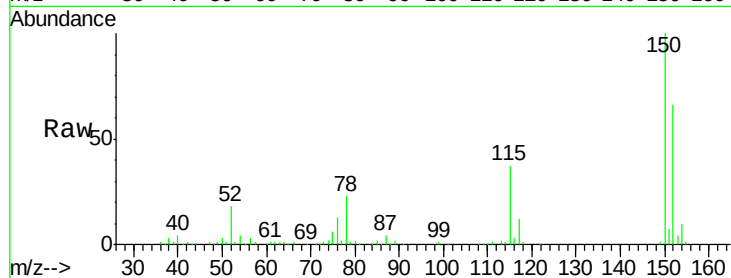


#1

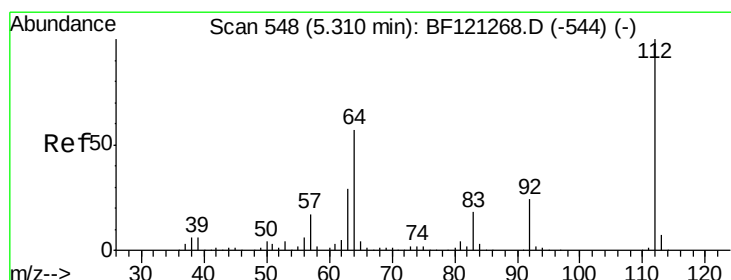
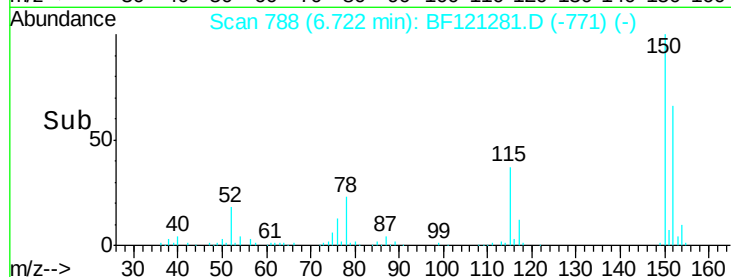
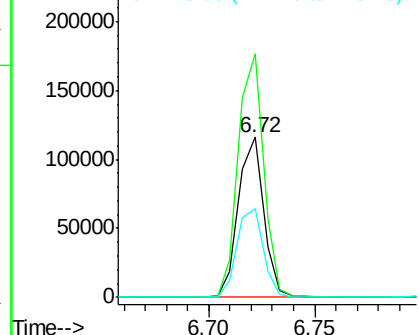
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121281.D
Acq: 13 Aug 2020 20:39

Instrument :
BNA_F
ClientSampleId :
VB25984

Tot Ion:152 Resp: 95814
Ion Ratio Lower Upper
152 100
150 152.0 129.0 193.6
115 55.7 49.0 73.4



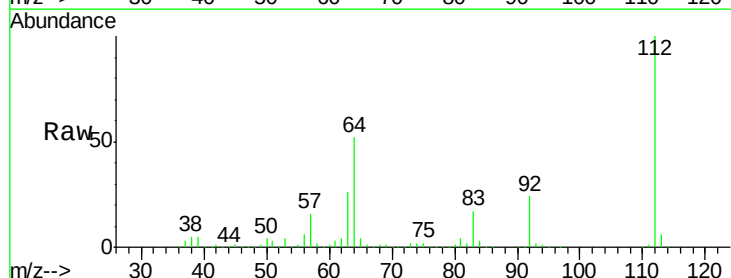
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



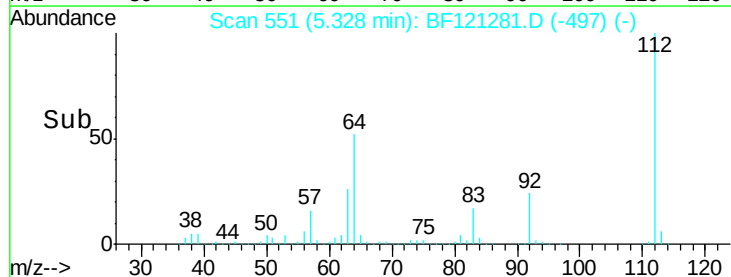
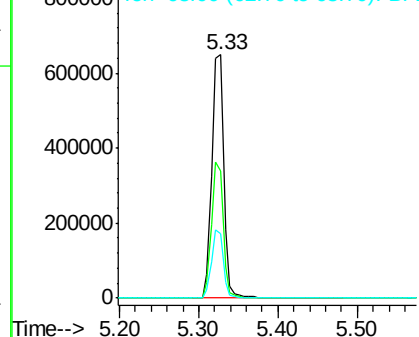
#5

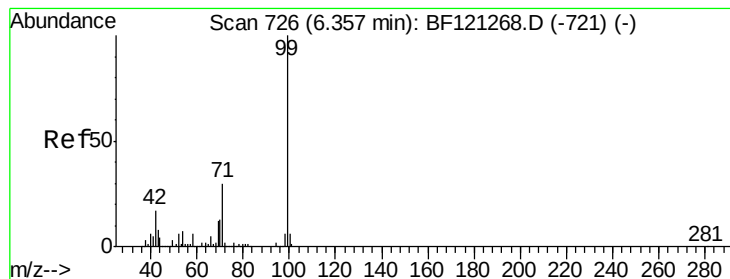
2-Fluorophenol
Concen: 108.609 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.02 min
Lab File: BF121281.D
Acq: 13 Aug 2020 20:39

Tgt Ion:112 Resp: 686400
Ion Ratio Lower Upper
112 100
64 52.3 45.4 68.2
63 26.5 23.0 34.6



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: 102.065 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Instrument :

BNA_F

ClientSampleId :

VB25984

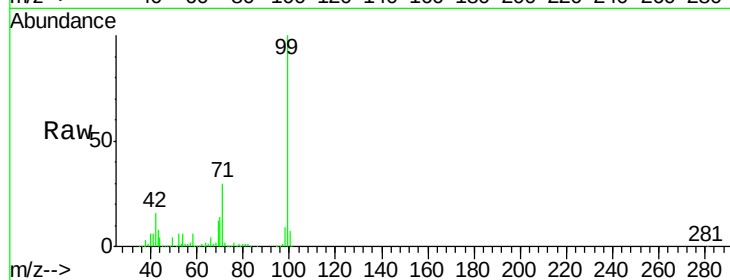
Tot Ion: 99 Resp: 831223

Ion Ratio Lower Upper

99 100

42 16.1 13.1 19.7

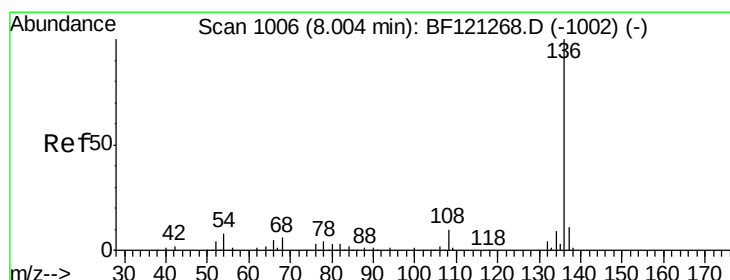
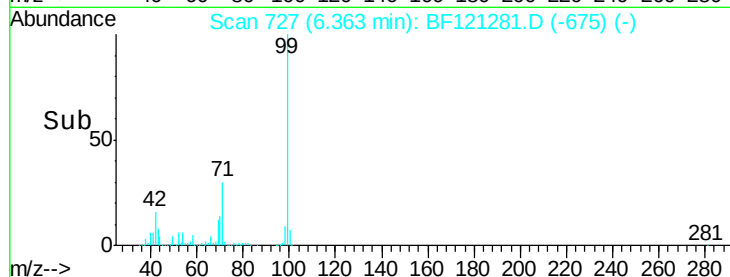
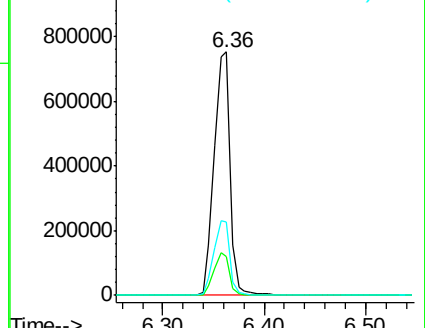
71 30.1 23.7 35.5



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Tgt Ion: 136 Resp: 367231

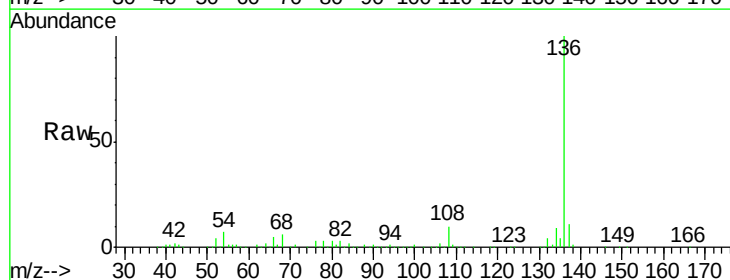
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 5.3 7.9

68 6.0 4.2 6.2

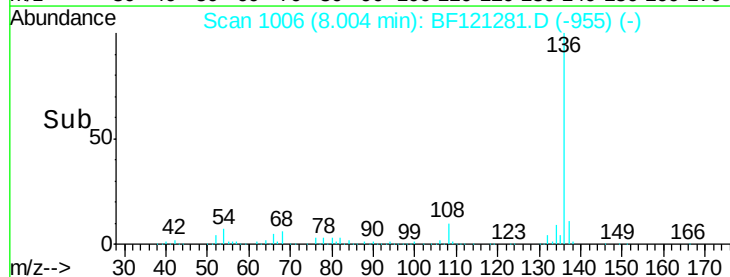
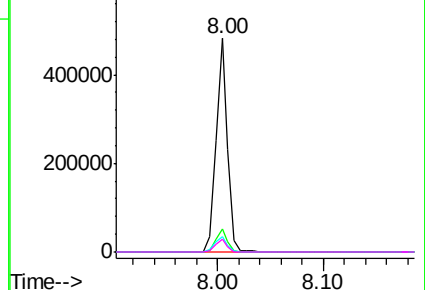


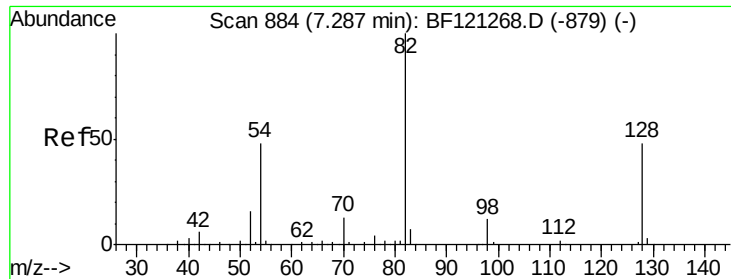
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

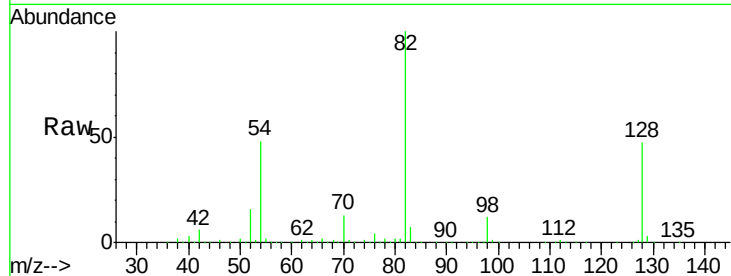




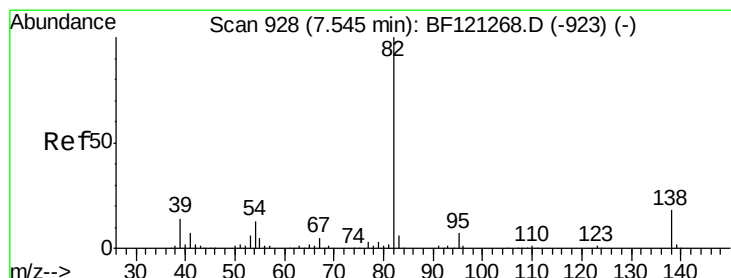
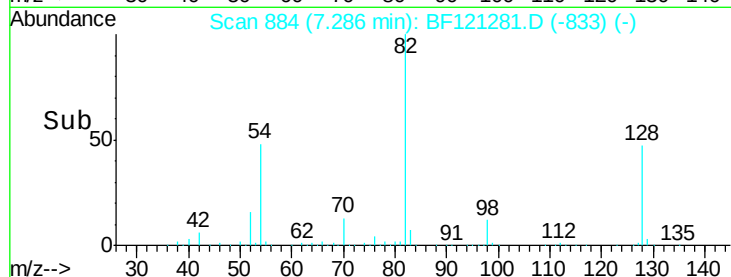
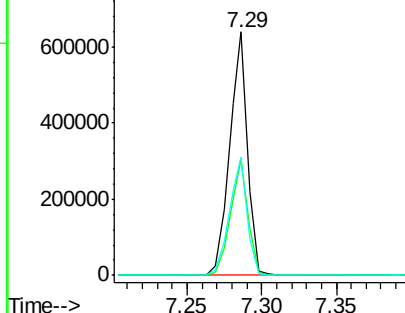
#23
 Nitrobenzene-d5
 Concen: 80.689 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 VB25984

Tot Ion	82	Resp	542173
Ion Ratio	Lower	Upper	
82	100		
128	47.3	39.8	59.8
54	48.4	37.7	56.5

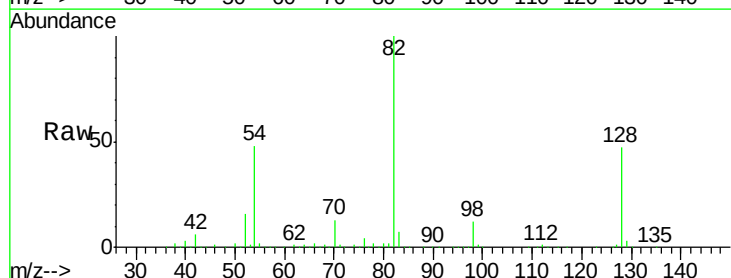


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

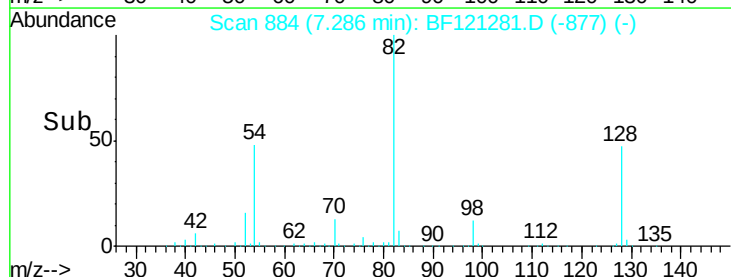
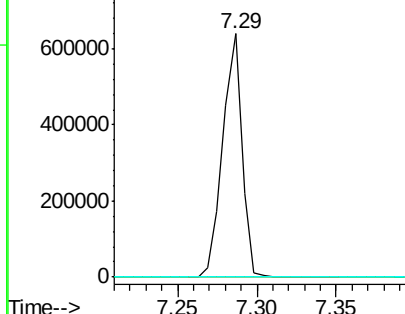


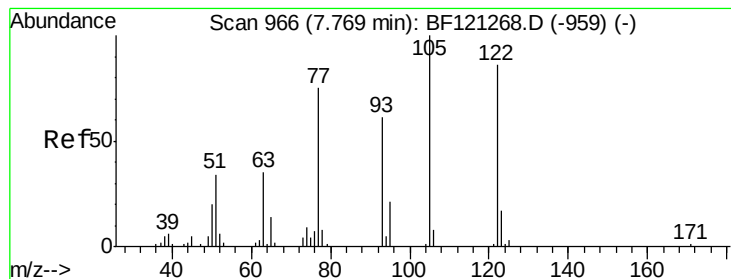
#25
 Isophorone
 Concen: 40.188 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

Tgt Ion	82	Resp	542162
Ion Ratio	Lower	Upper	
82	100		
95	0.1	5.2	7.8#
138	0.0	16.0	24.0#



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: 7.868 ng

RT: 8.03 min Scan# 1011

Delta R.T. 0.27 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Instrument :

BNA_F

ClientSampled :

VB25984

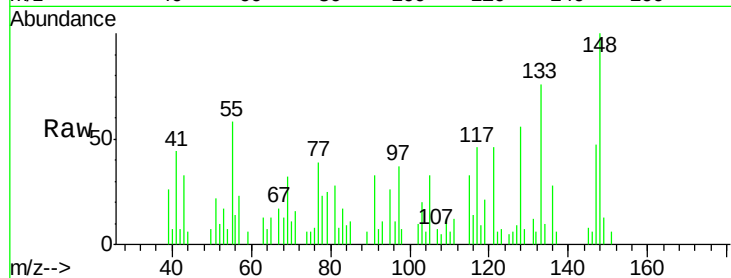
Tot Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 552.3 101.3 141.3#

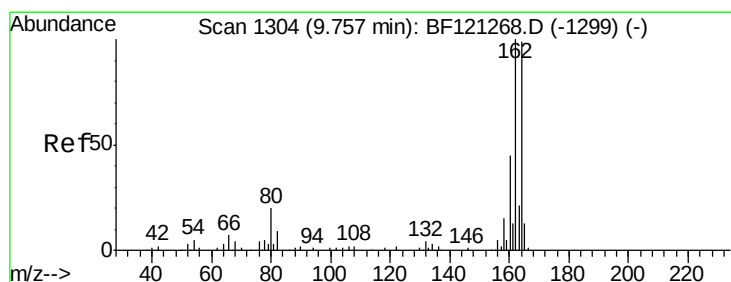
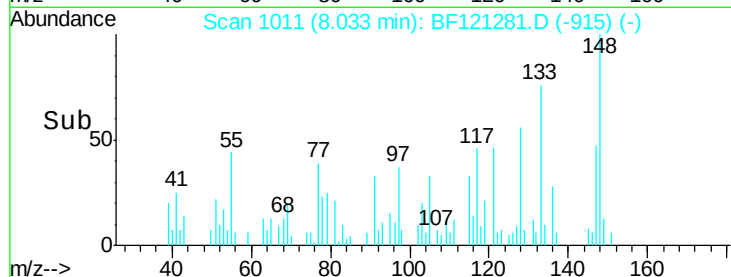
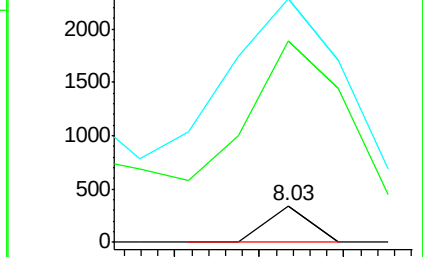
77 667.0 68.5 108.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

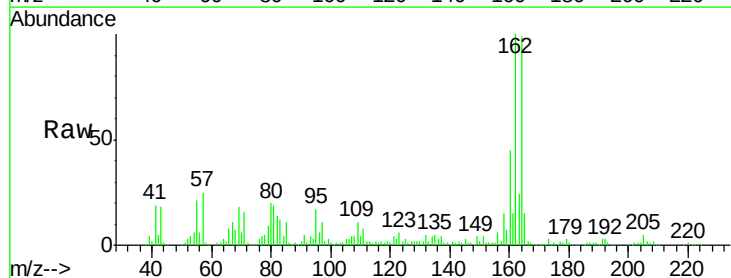
Tgt Ion:164 Resp: 176693

Ion Ratio Lower Upper

164 100

162 100.6 81.2 121.8

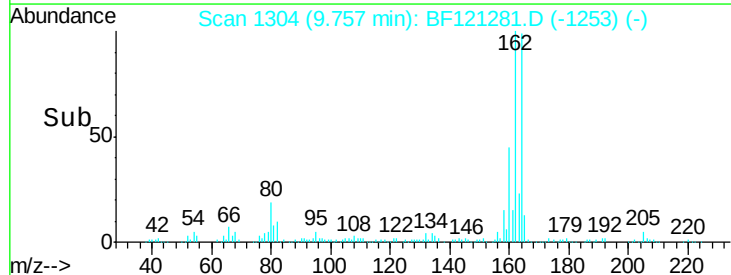
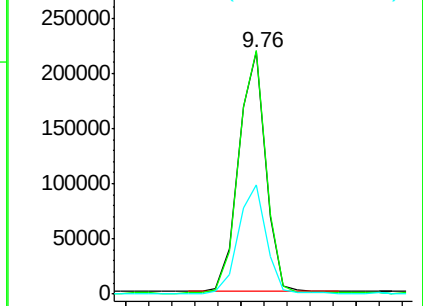
160 45.2 36.9 55.3

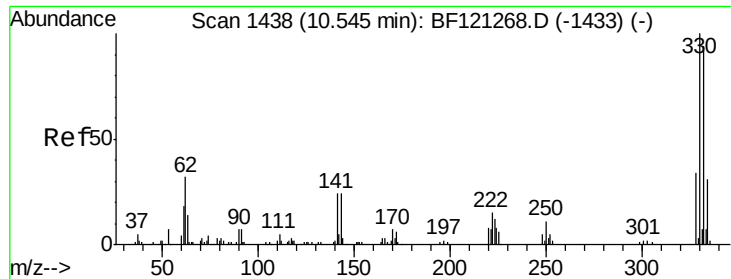


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

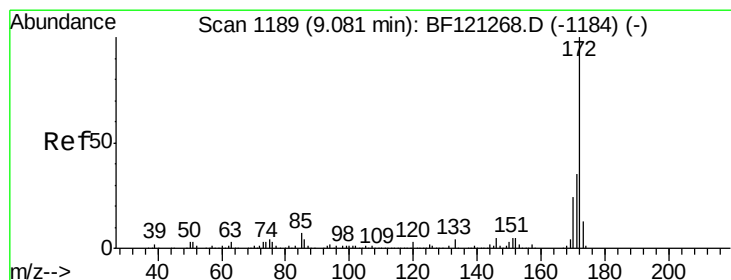
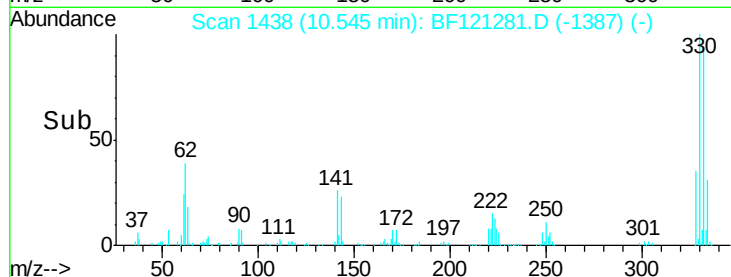
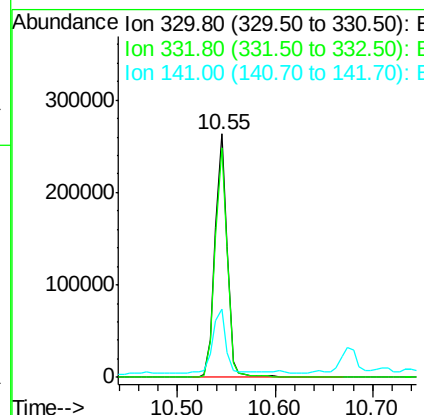
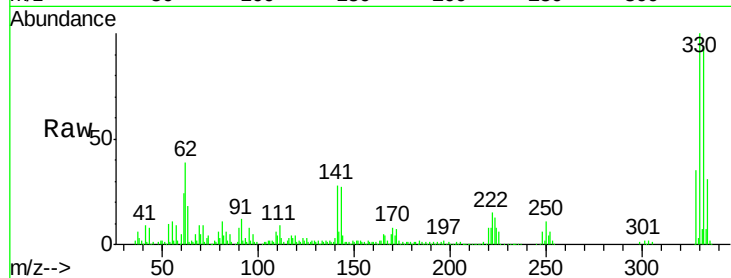




#42
 2,4,6-Tribromophenol
 Concen: 105.501 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

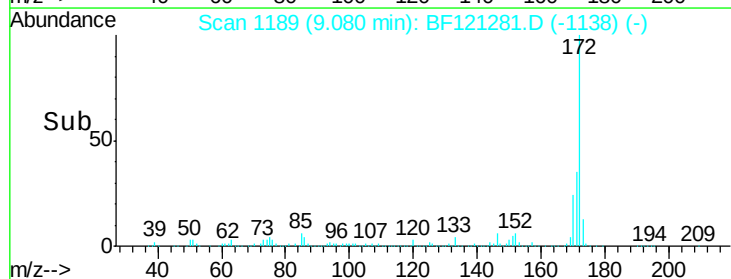
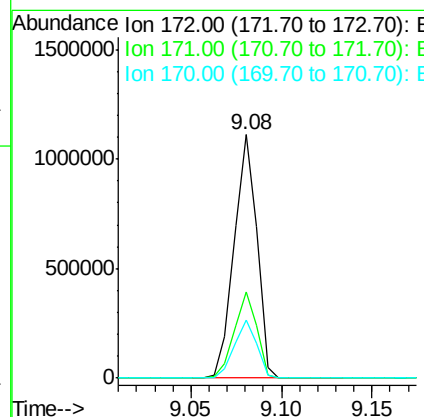
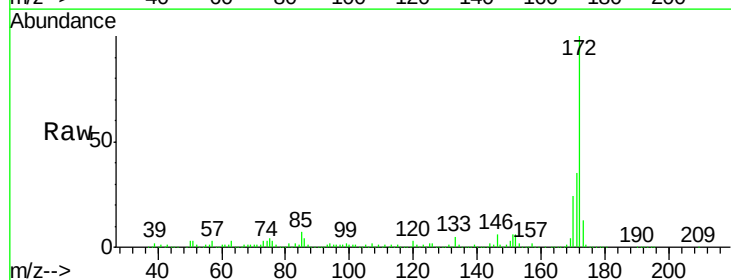
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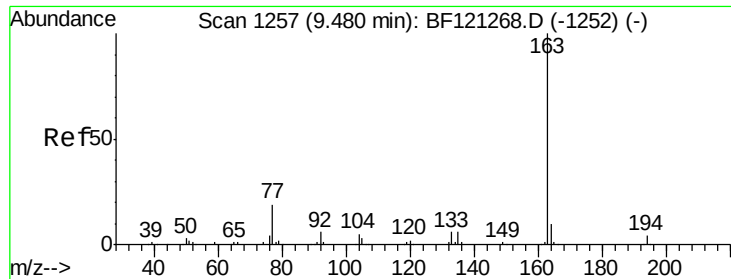
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	75.4	113.0
141	29.9	23.4	35.2



#45
 2-Fluorobiphenyl
 Concen: 76.325 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	24.0	19.3	28.9

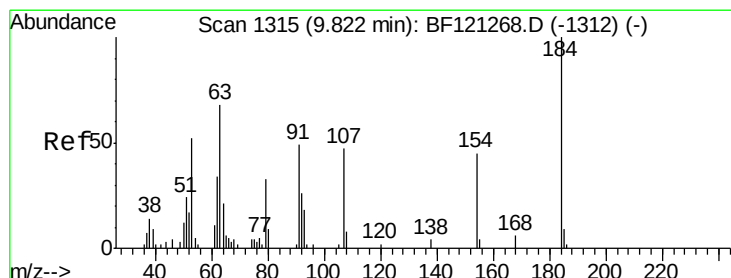
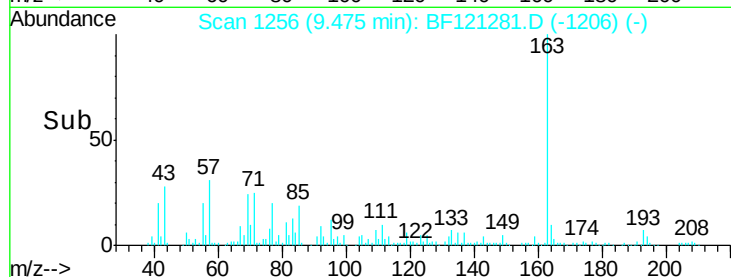
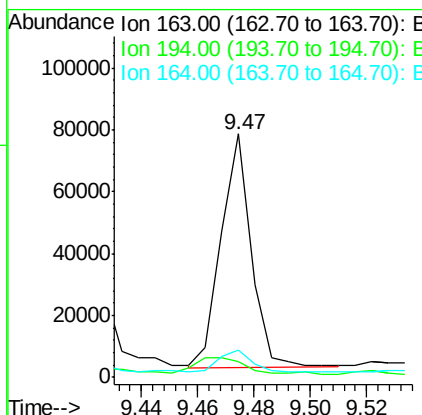
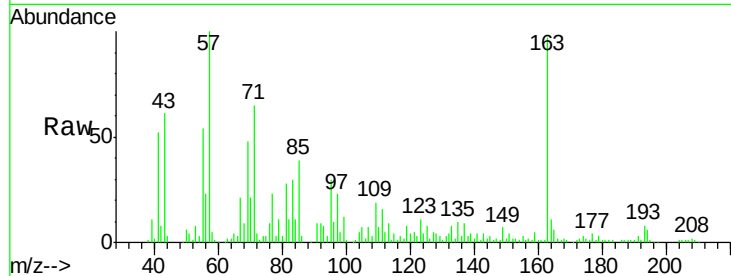




#50
Dimethylphthalate
Concen: 4.223 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF121281.D
Acq: 13 Aug 2020 20:39

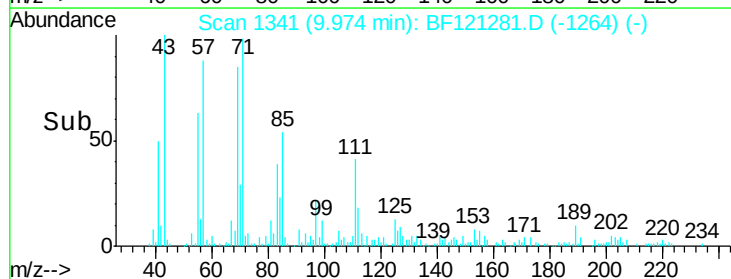
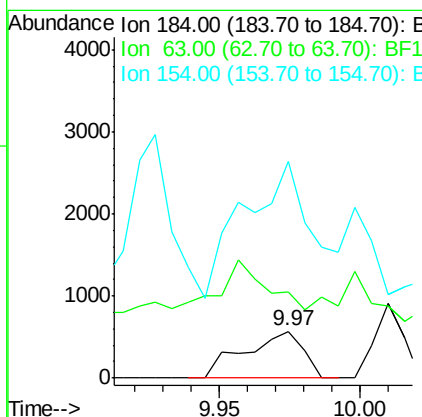
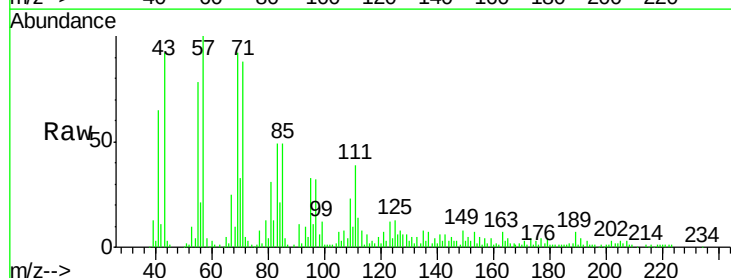
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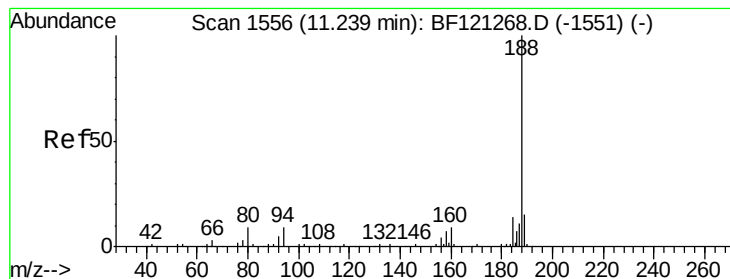
Tot Ion:163 Resp: 56144
Ion Ratio Lower Upper
163 100
194 6.6 3.0 4.6#
164 11.1 8.1 12.1



#54
2,4-Dinitrophenol
Concen: 5.332 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.15 min
Lab File: BF121281.D
Acq: 13 Aug 2020 20:39

Tgt Ion:184 Resp: 812
Ion Ratio Lower Upper
184 100
63 183.4 39.4 59.2#
154 460.5 43.4 65.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.00 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Instrument :

BNA_F

ClientSampleId :

VB25984

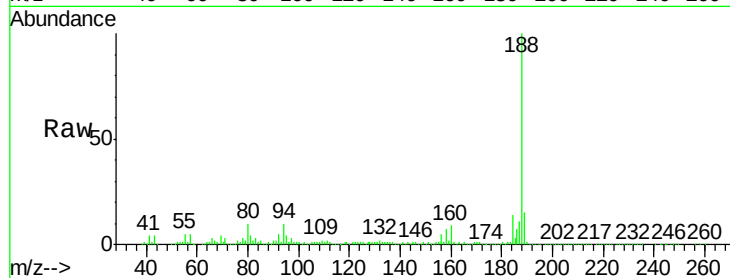
Tot Ion:188 Resp: 352210

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.6

80 9.5 7.4 11.0



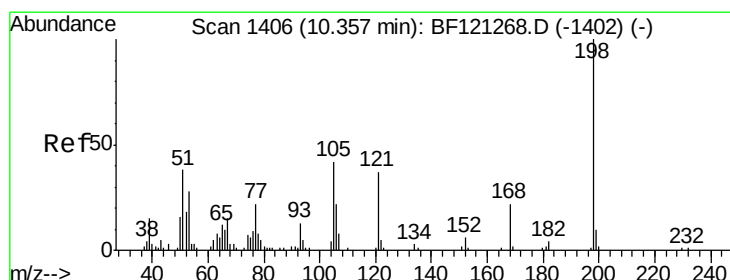
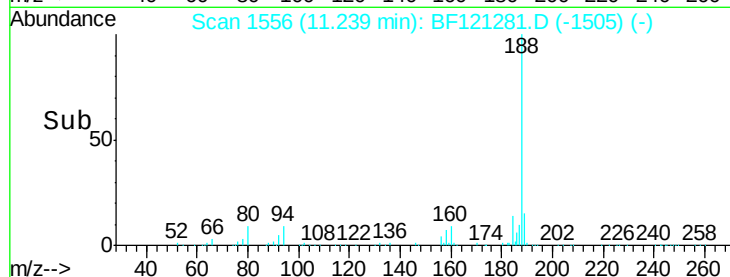
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.24

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.233 ng

RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

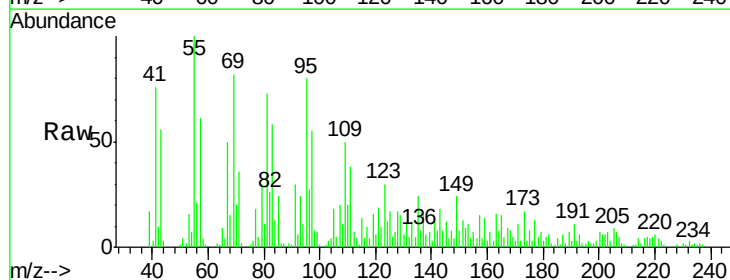
Tgt Ion:198 Resp: 745

Ion Ratio Lower Upper

198 100

51 191.5 29.1 69.1#

105 910.9 28.3 68.3#



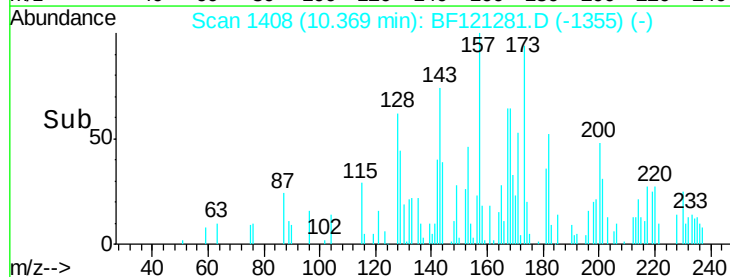
Abundance Ion 198.00 (197.70 to 198.70): E

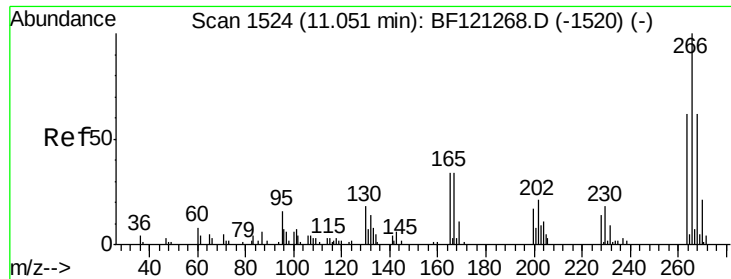
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

10.37

Time-->

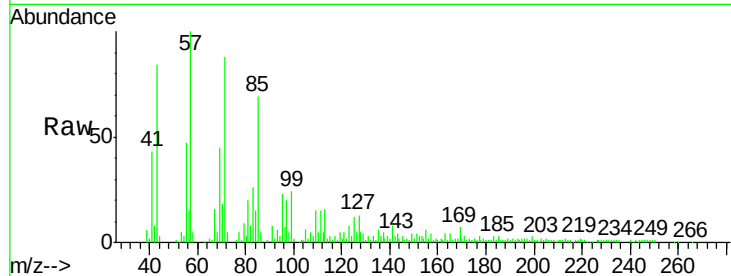




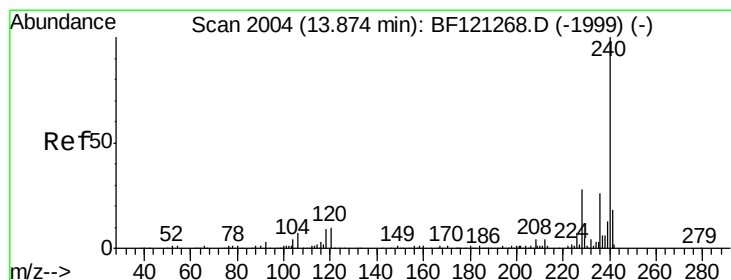
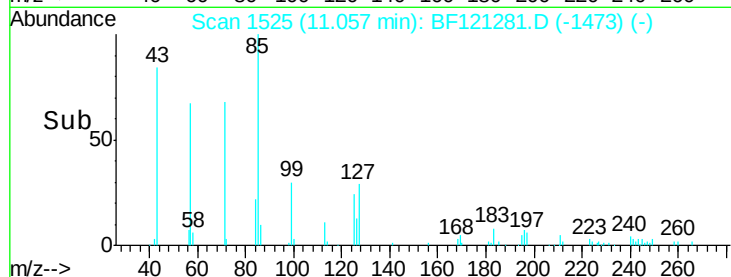
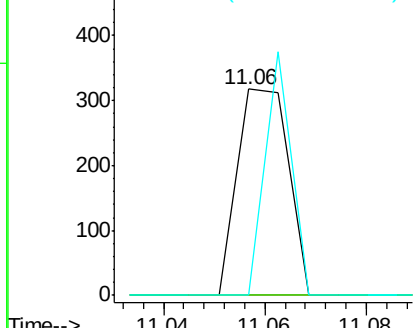
#70
 Pentachlorophenol
 Concen: 6.419 ng
 RT: 11.06 min Scan# 1525
 Delta R.T. 0.01 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

Instrument :
 BNA_F
 ClientSampleId :
 VB25984

Tot Ion	Ratio	Lower	Upper
266	100		
268	0.0	51.0	76.4#
264	0.0	50.6	76.0#

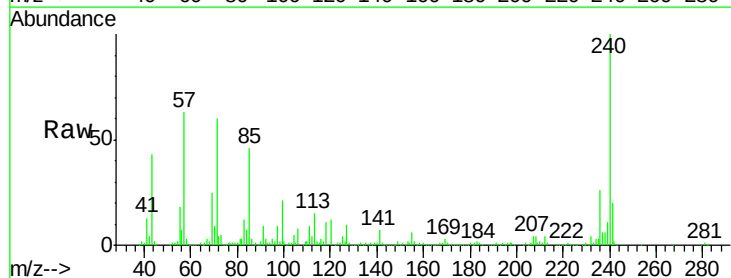


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

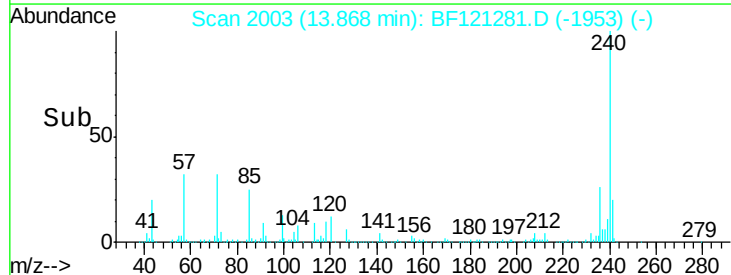
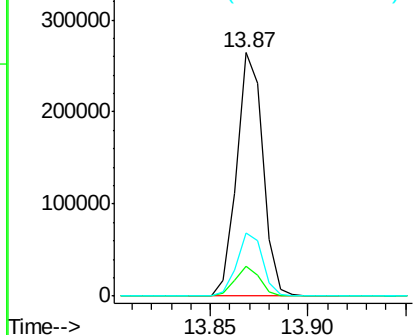


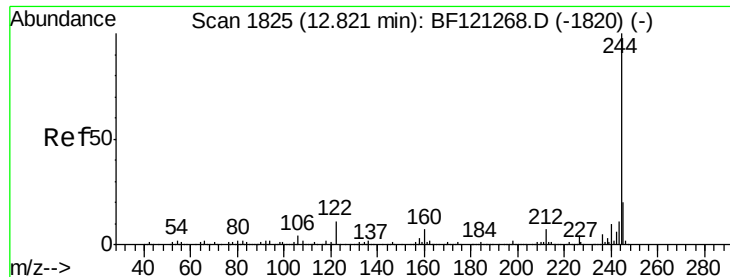
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121281.D
 Acq: 13 Aug 2020 20:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.2	13.8
236	26.0	21.0	31.4



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: 76.591 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.01 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Instrument :

BNA_F

ClientSampleId :

VB25984

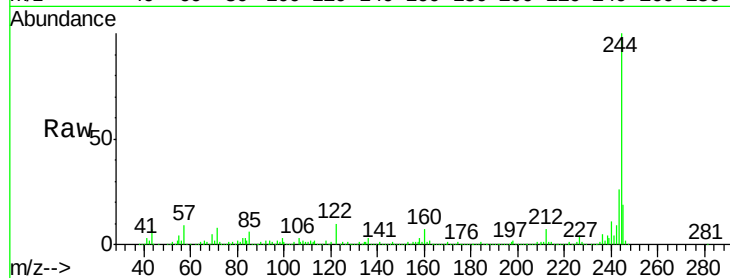
Tot Ion:244 Resp: 968267

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

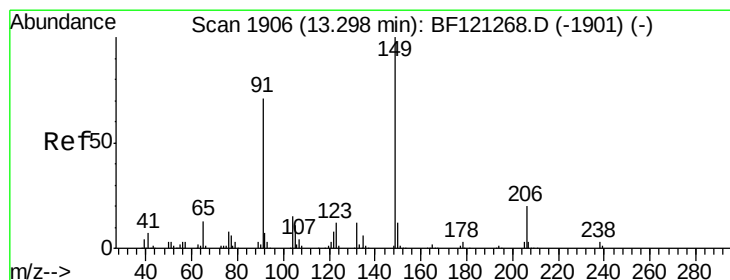
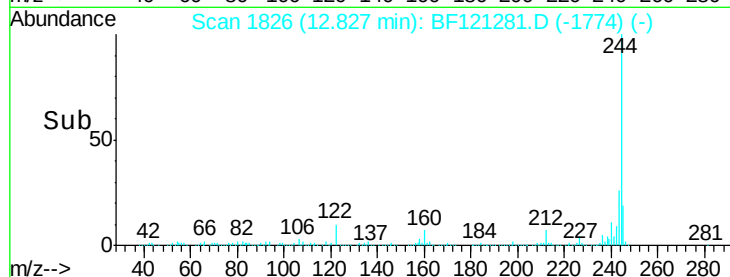
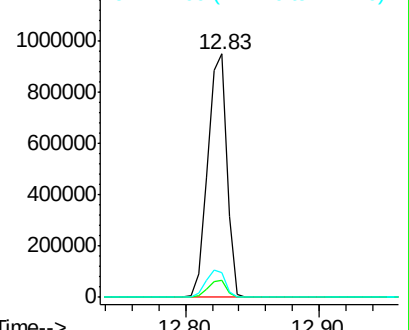
122 10.2 9.1 13.7



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



#80

Butylbenzylphthalate

Concen: 13.417 ng

RT: 13.30 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

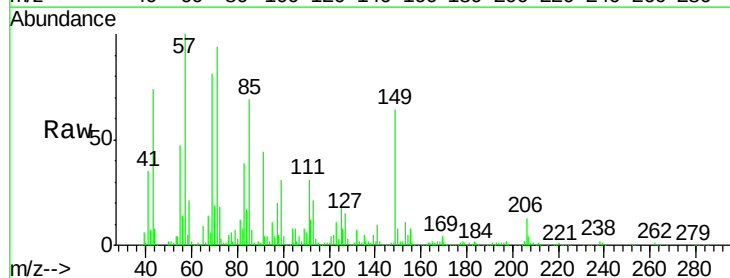
Tgt Ion:149 Resp: 100573

Ion Ratio Lower Upper

149 100

91 68.4 55.4 83.2

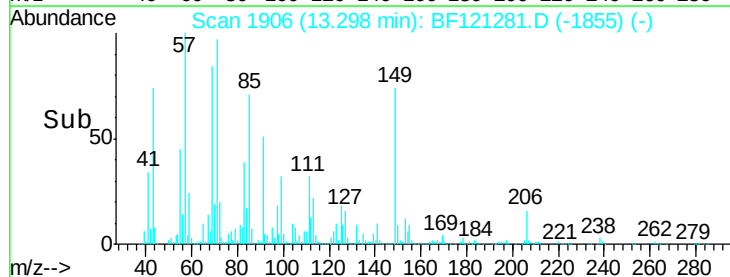
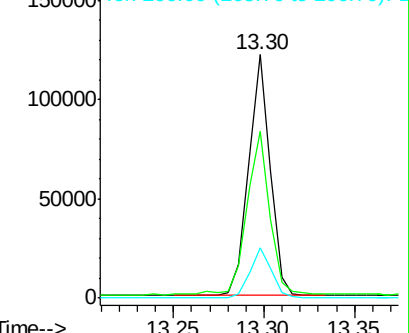
206 20.6 16.0 24.0

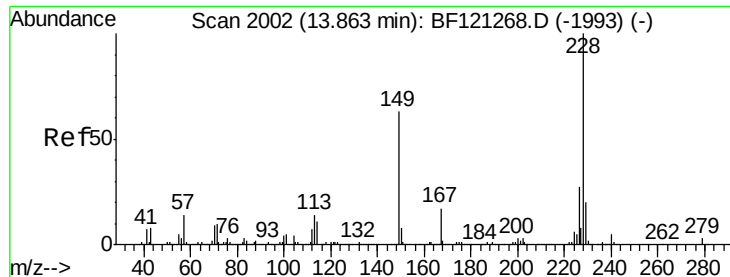


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.936 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

Instrument :

BNA_F

ClientSampleId :

VB25984

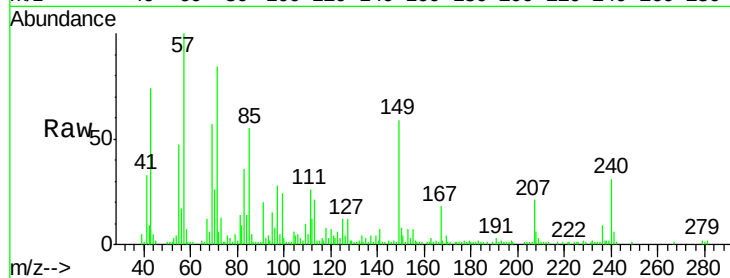
Tot Ion:149 Resp: 30336

Ion Ratio Lower Upper

149 100

167 29.7 21.8 32.8

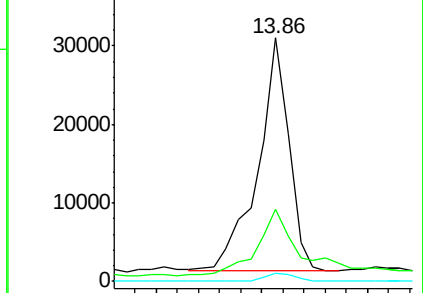
279 3.3 3.4 5.0#



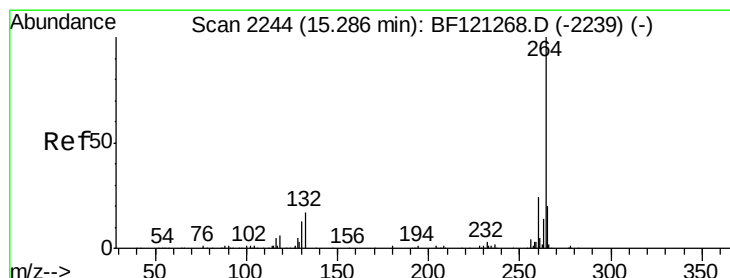
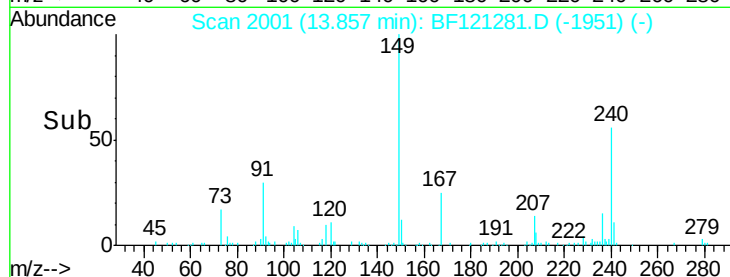
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.29 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BF121281.D

Acq: 13 Aug 2020 20:39

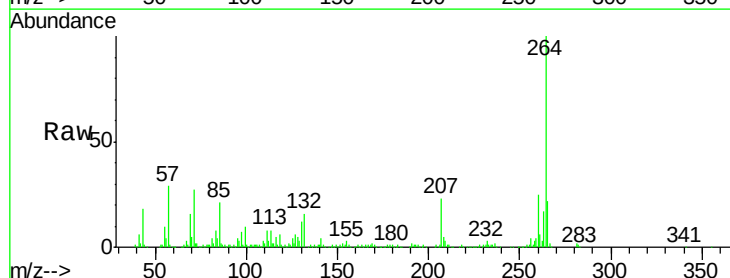
Tgt Ion:264 Resp: 233311

Ion Ratio Lower Upper

264 100

260 24.9 19.5 29.3

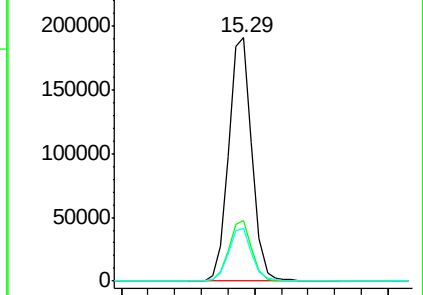
265 21.7 17.1 25.7



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



Time-->

