

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012420\
 Data File : BF118702.D
 Acq On : 24 Jan 2020 22:59
 Operator : CG/JU
 Sample : L1242-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20200062-COMPOSITE-B8

Quant Time: Jan 27 03:05:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

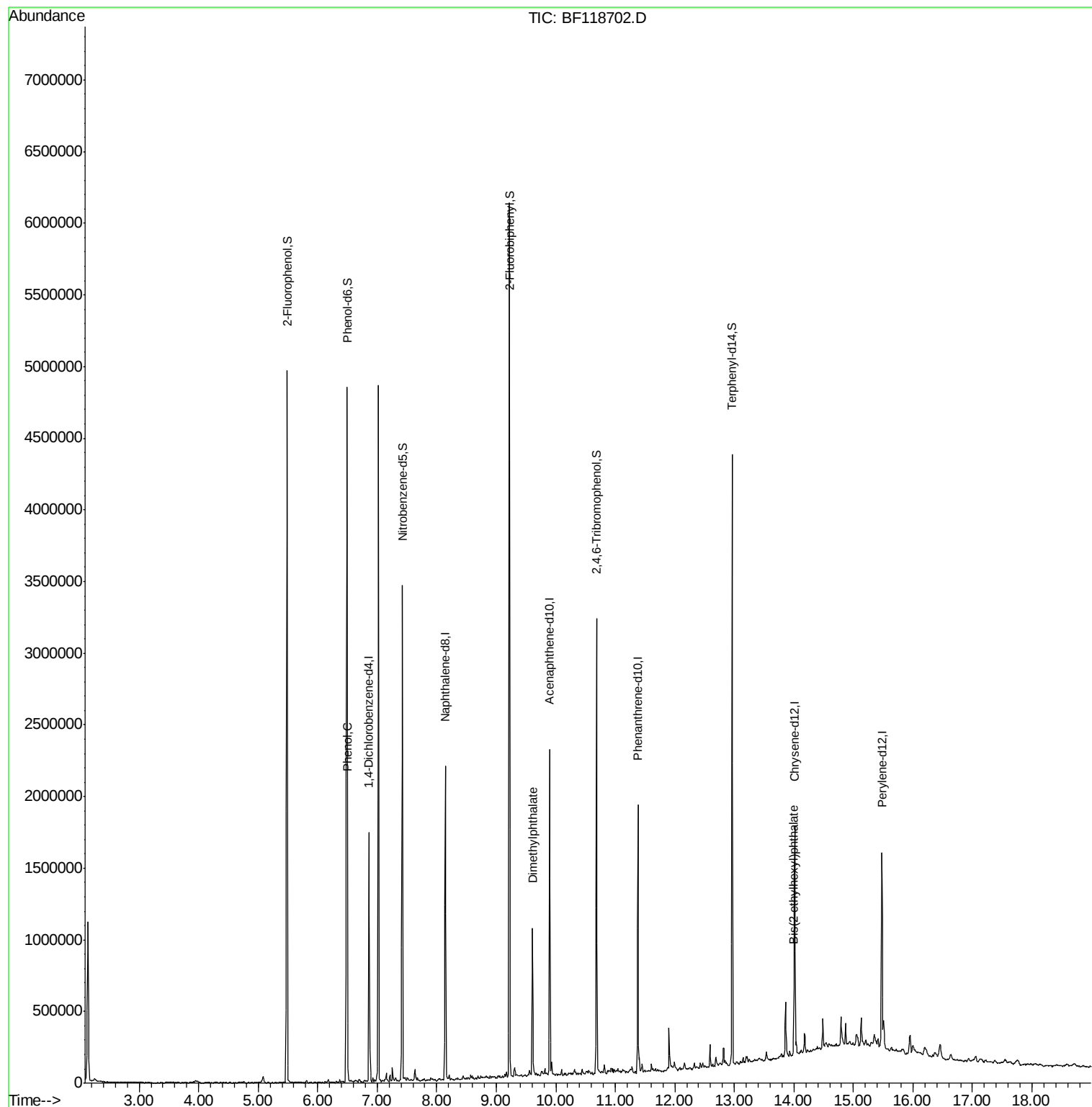
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	249545	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	894974	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	431374	20.00	ng	-0.03
64) Phenanthrene-d10	11.38	188	651562	20.00	ng	-0.03
76) Chrysene-d12	14.02	240	507275	20.00	ng	-0.03
87) Perylene-d12	15.48	264	666001	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1409137	104.88	ng	-0.01
7) Phenol-d6	6.49	99	1736857	99.46	ng	-0.02
23) Nitrobenzene-d5	7.42	82	1076130	67.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	427781	85.74	ng	-0.02
45) 2-Fluorobiphenyl	9.22	172	1899682	72.38	ng	-0.02
79) Terphenyl-d14	12.96	244	1460614	62.80	ng	-0.03
Target Compounds						
10) Phenol	6.50	94	78455	3.942	ng	92
50) Dimethylphthalate	9.61	163	388199	13.813	ng	97
84) Bis(2-ethylhexyl)phthalate	14.00	149	39270	2.280	ng	# 98

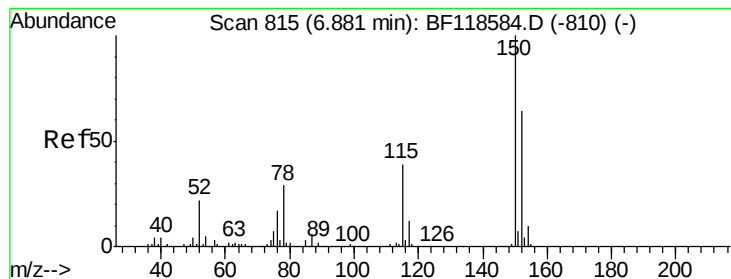
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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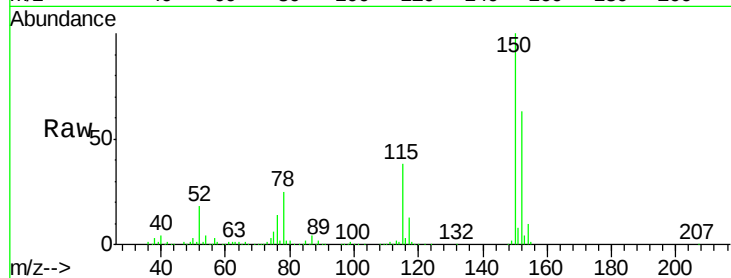


#1

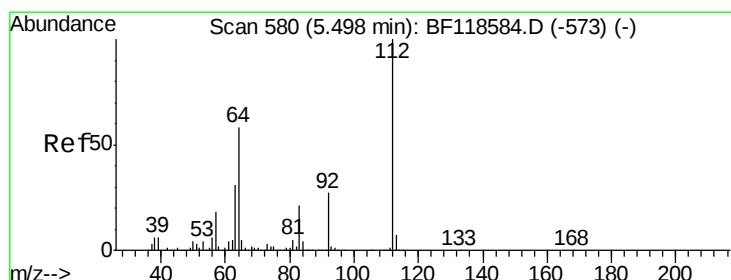
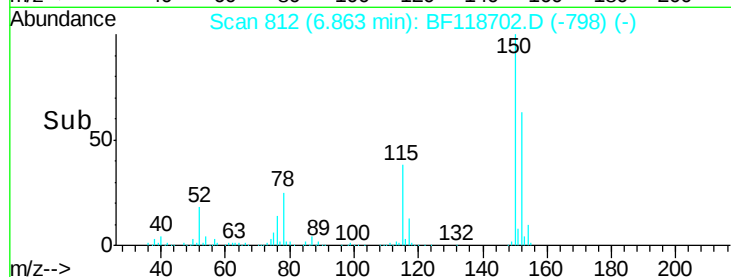
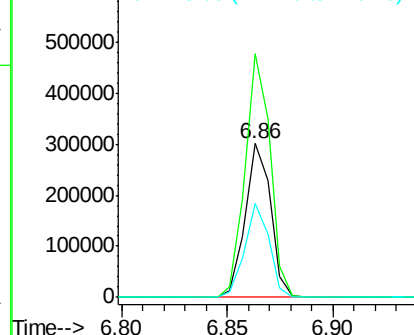
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.02 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tot Ion:152 Resp: 249545
Ion Ratio Lower Upper
152 100
150 158.3 125.6 188.4
115 60.9 48.4 72.6



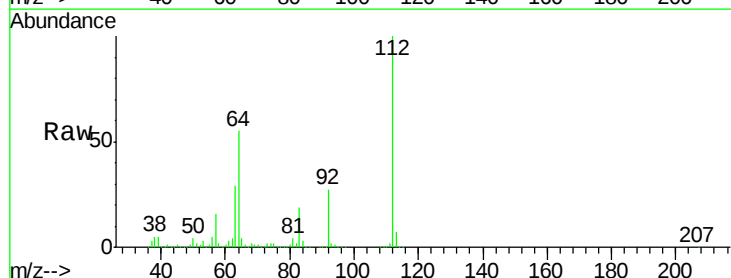
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



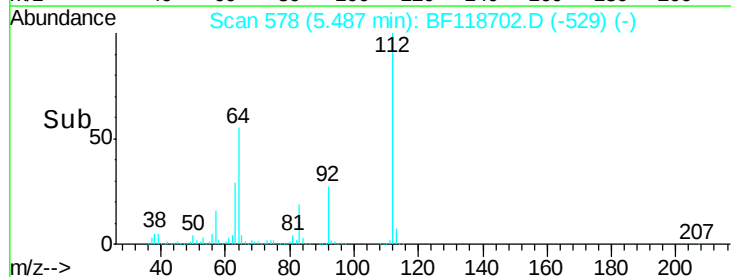
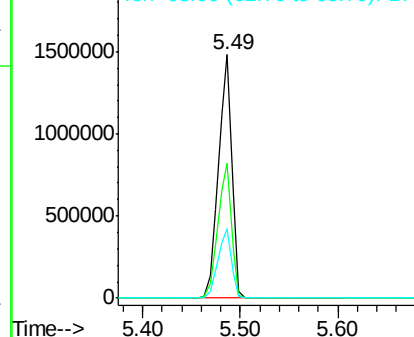
#5

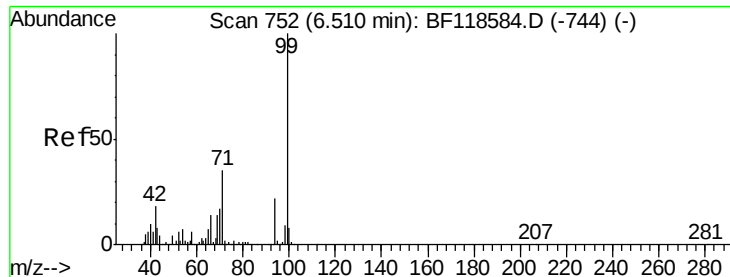
2-Fluorophenol
Concen: 104.876 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Tgt Ion:112 Resp: 1409137
Ion Ratio Lower Upper
112 100
64 55.4 46.6 70.0
63 28.7 25.1 37.7



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: 99.456 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

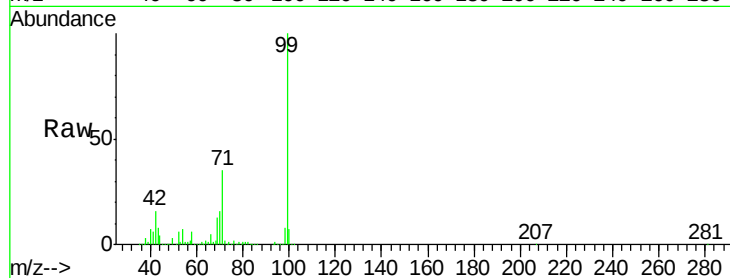
Tot Ion: 99 Resp: 1736857

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.2
71	35.5	27.8	41.6

99 100

42 16.4 14.2 21.2

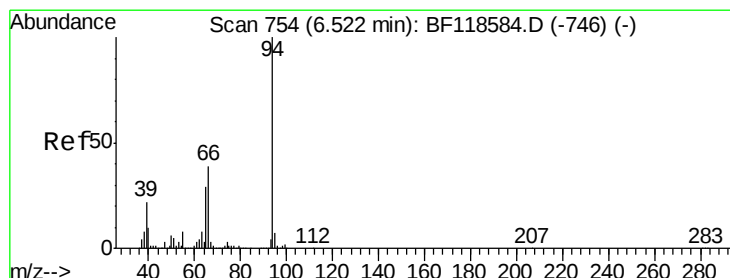
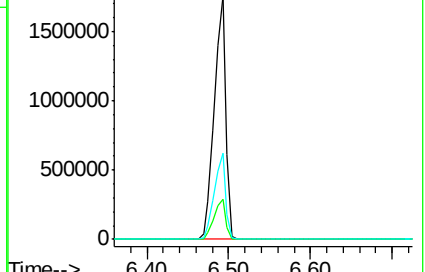
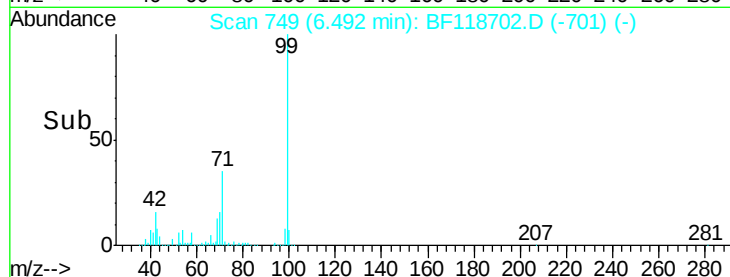
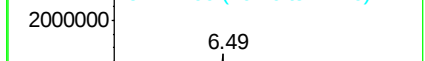
71 35.5 27.8 41.6



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: 3.942 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

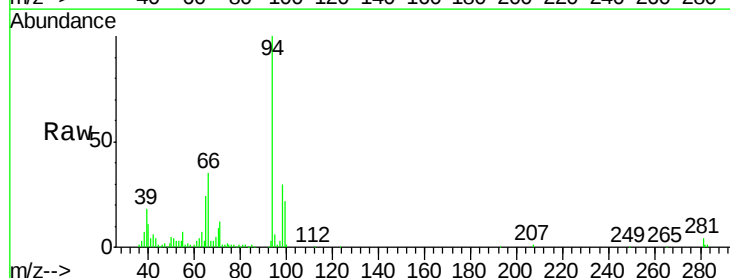
Tgt Ion: 94 Resp: 78455

Ion	Ratio	Lower	Upper
94	100		
65	24.3	9.5	49.5
66	34.8	18.5	58.5

94 100

65 24.3 9.5 49.5

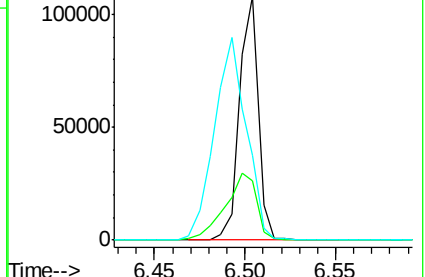
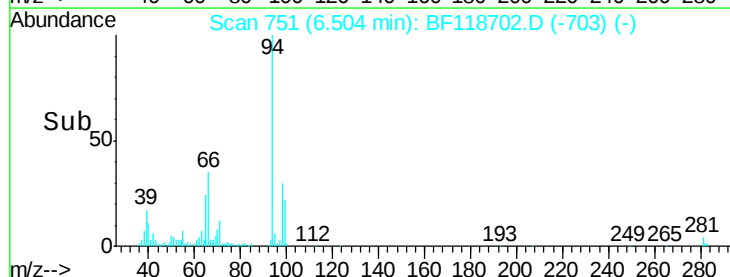
66 34.8 18.5 58.5

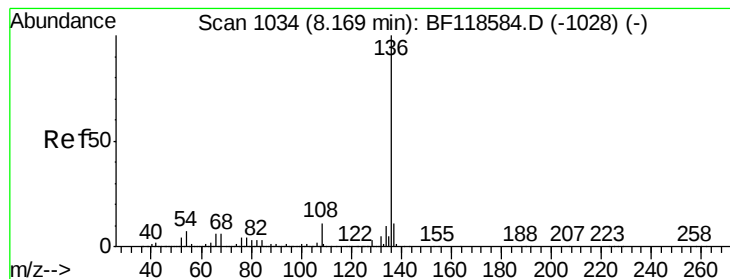


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

Tot Ion:136 Resp: 894974

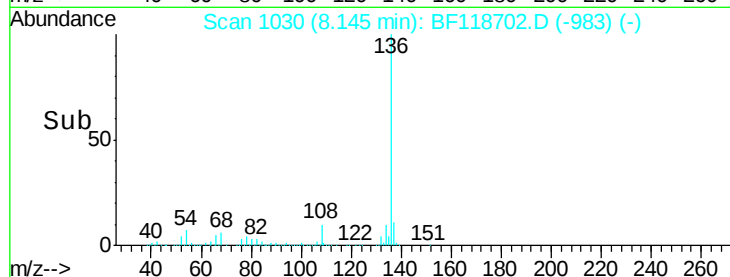
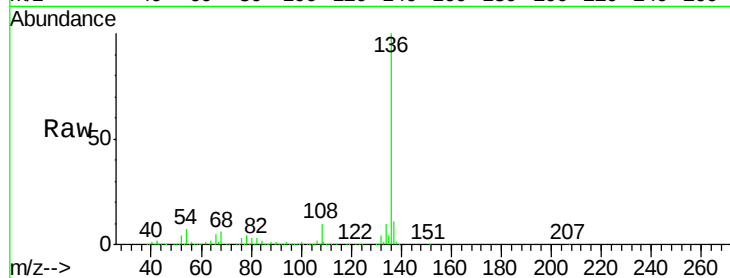
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.8 5.8 8.6

68 6.1 5.0 7.4

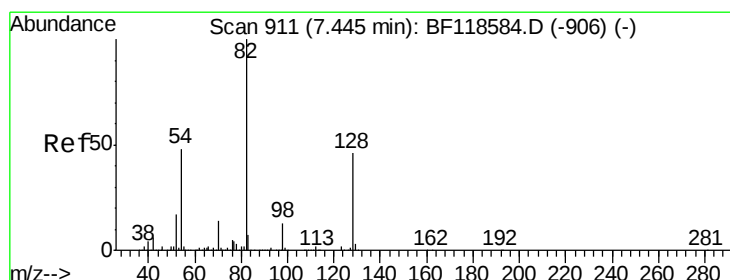
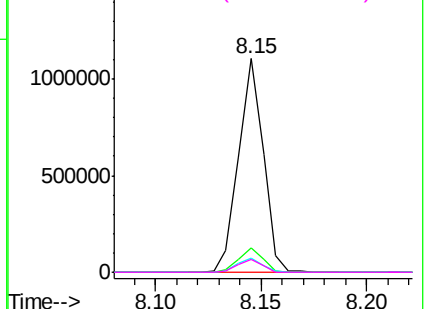


Abundance Ion 136.00 (135.70 to 136.70): E

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: 67.256 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

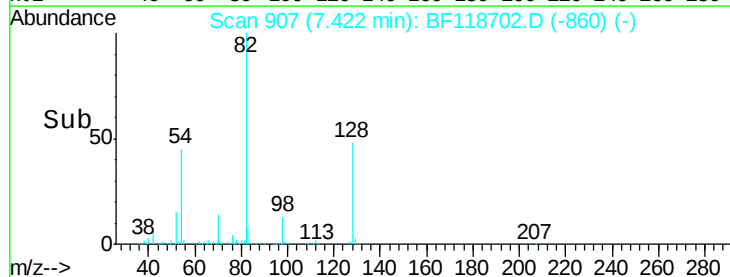
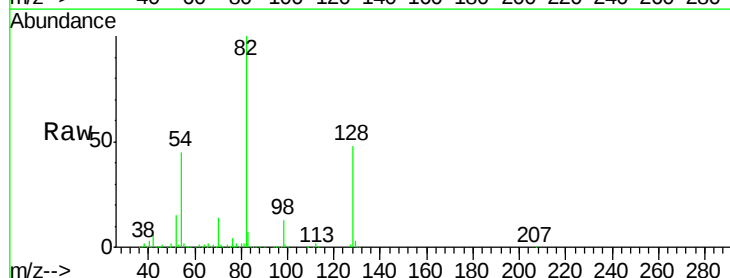
Tgt Ion: 82 Resp: 1076130

Ion Ratio Lower Upper

82 100

128 47.8 36.6 54.8

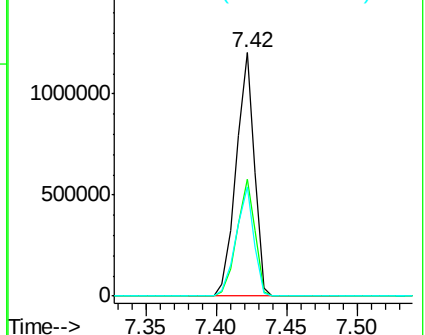
54 44.7 38.0 57.0

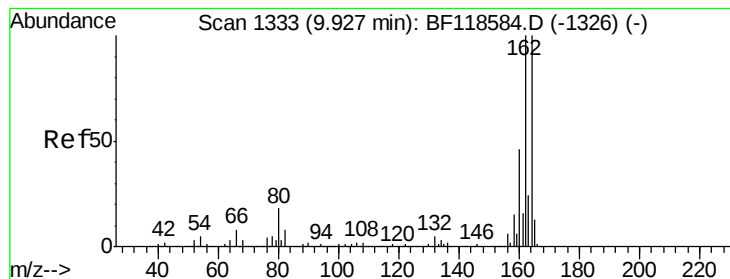


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

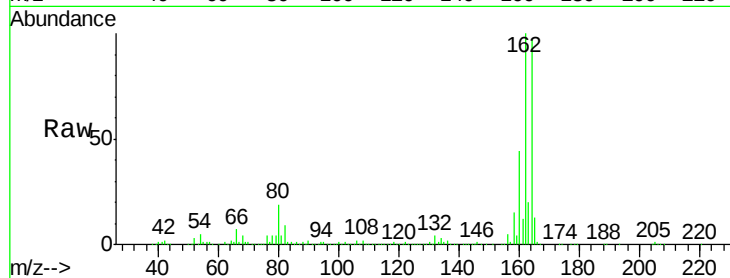
Tot Ion:164 Resp: 431374

Ion Ratio Lower Upper

164 100

162 103.0 80.4 120.6

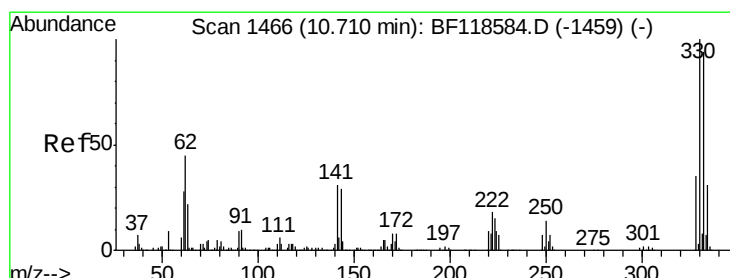
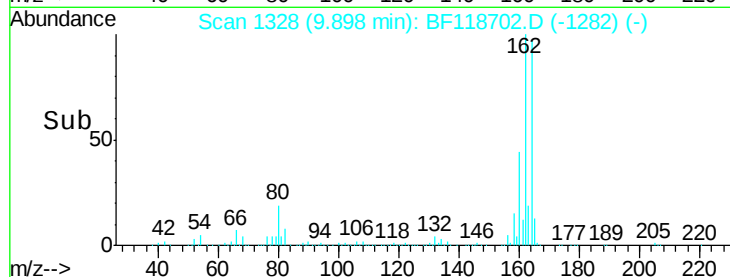
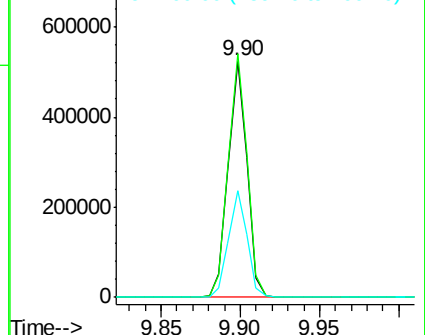
160 45.4 36.6 55.0



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: 85.738 ng

RT: 10.69 min Scan# 1462

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

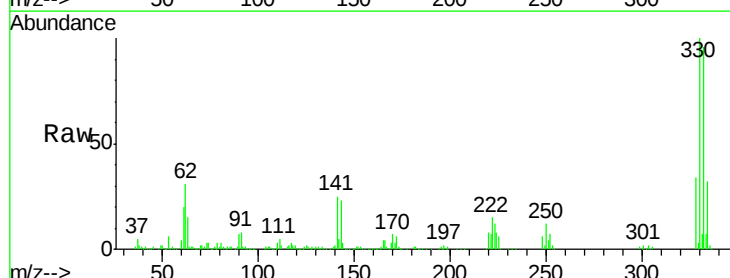
Tgt Ion:330 Resp: 427781

Ion Ratio Lower Upper

330 100

332 96.9 76.2 114.4

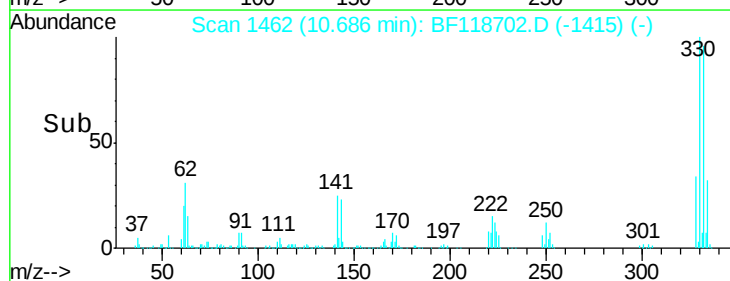
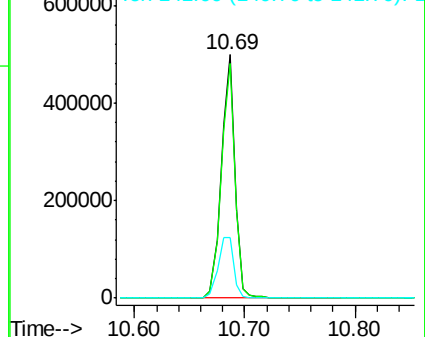
141 28.8 23.9 35.9

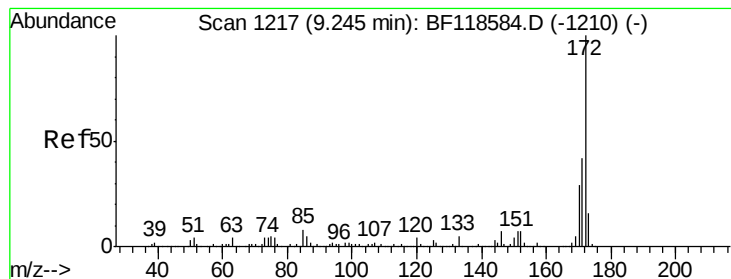


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 72.381 ng

RT: 9.22 min Scan# 1213

Delta R.T. -0.02 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

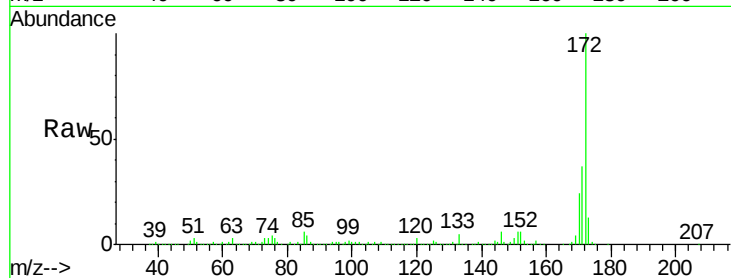
BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

Tot Ion:172 Resp: 1899682

Ion	Ratio	Lower	Upper
172	100		
171	36.7	33.4	50.2
170	24.3	23.2	34.8

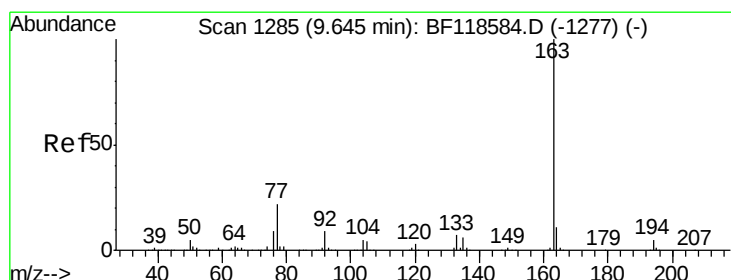
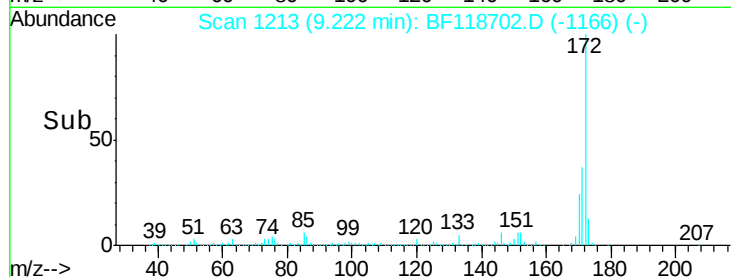
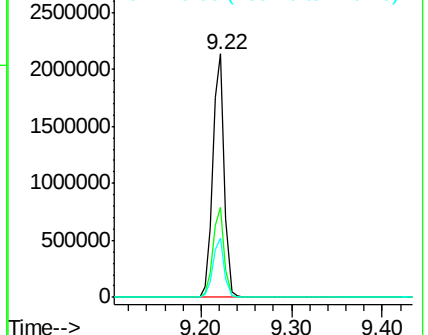


Abundance

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: 13.813 ng

RT: 9.61 min Scan# 1279

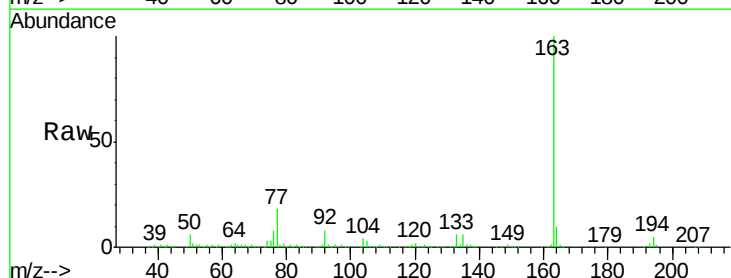
Delta R.T. -0.04 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Tgt Ion:163 Resp: 388199

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.9	5.9
164	10.1	9.1	13.7

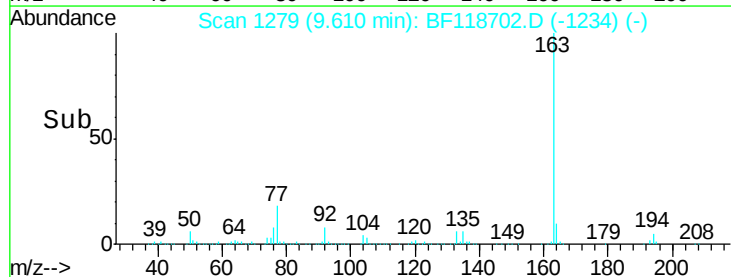
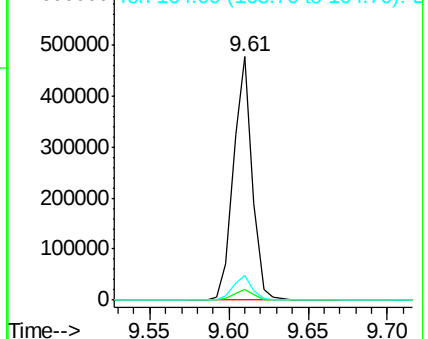


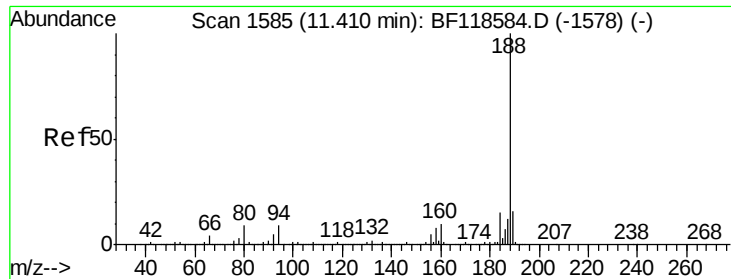
Abundance

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

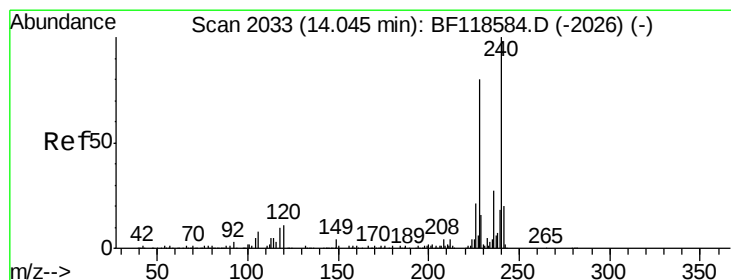
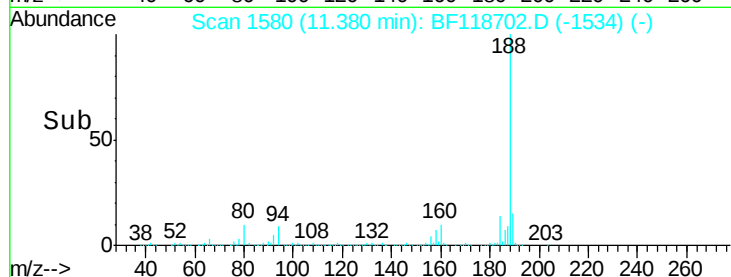
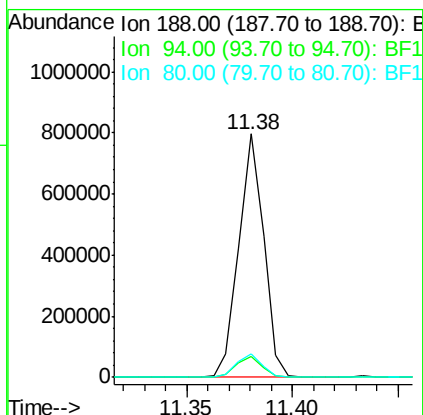
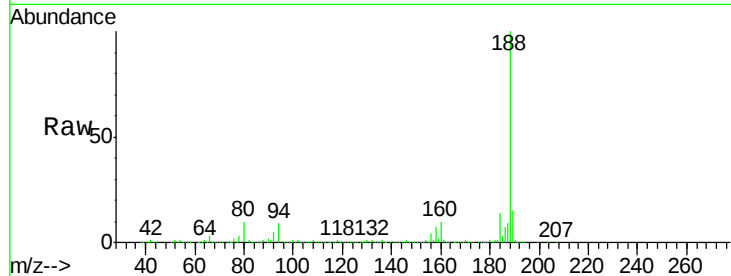




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.03 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

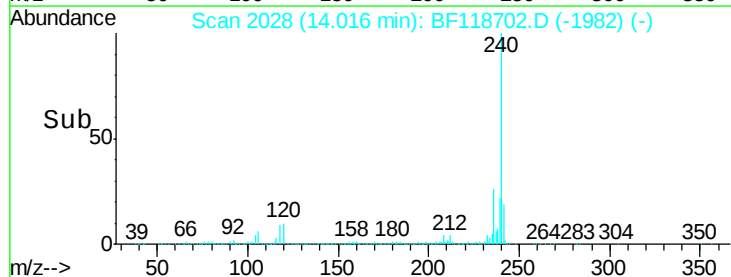
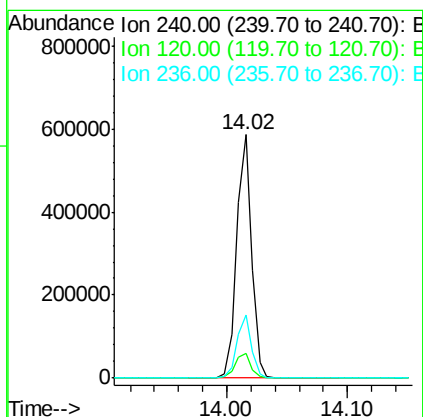
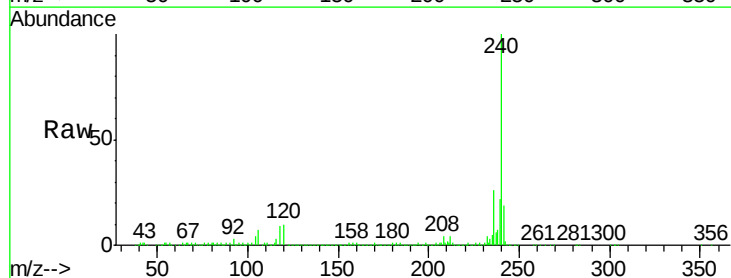
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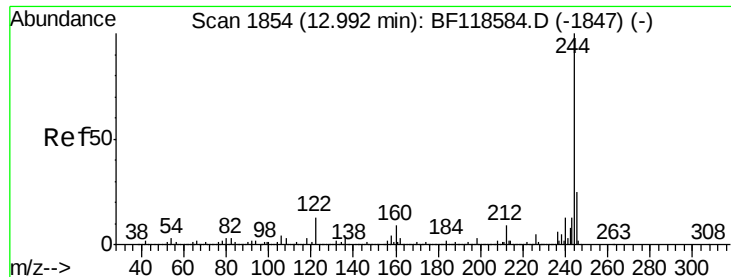
Tot Ion:188 Resp: 651562
Ion Ratio Lower Upper
188 100
94 8.8 7.1 10.7
80 9.7 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.03 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Tgt Ion:240 Resp: 507275
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.1 21.5 32.3





#79

Terphenyl-d14

Concen: 62.801 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.03 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

Instrument :

BNA_F

ClientSampleId :

20200062-COMPOSITE-B8

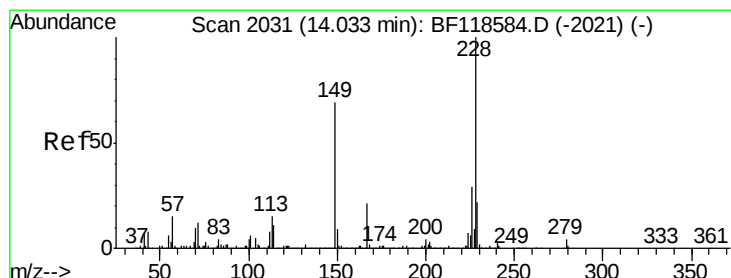
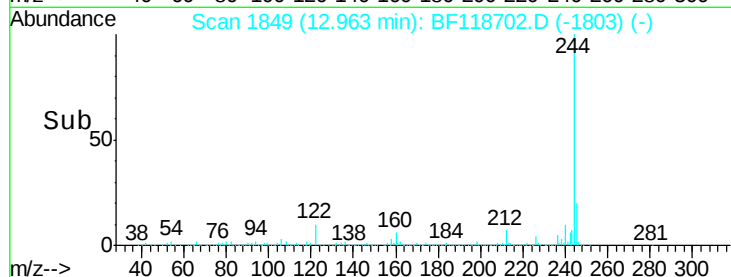
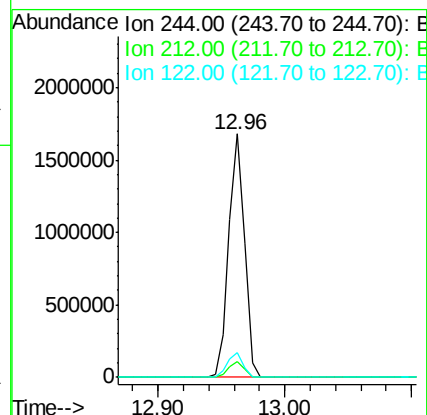
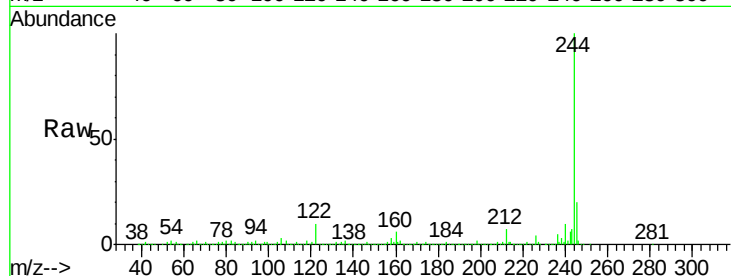
Tot Ion:244 Resp: 1460614

Ion Ratio Lower Upper

244 100

212 6.6 7.0 10.4#

122 10.2 10.7 16.1#



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.280 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF118702.D

Acq: 24 Jan 2020 22:59

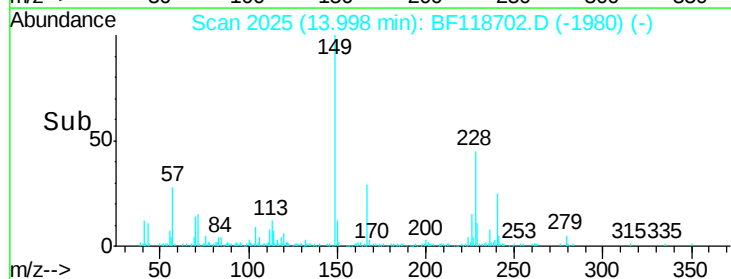
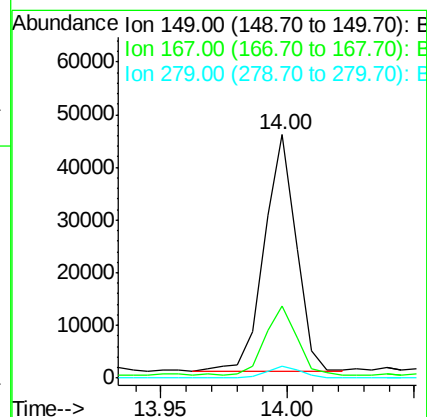
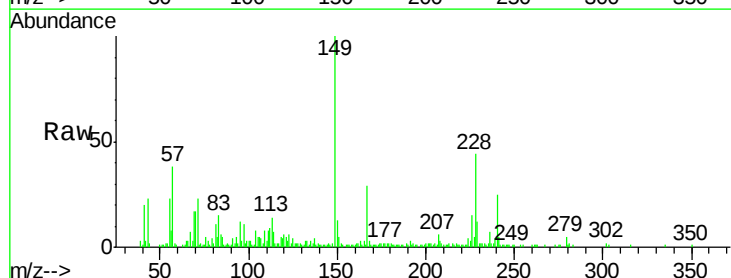
Tgt Ion:149 Resp: 39270

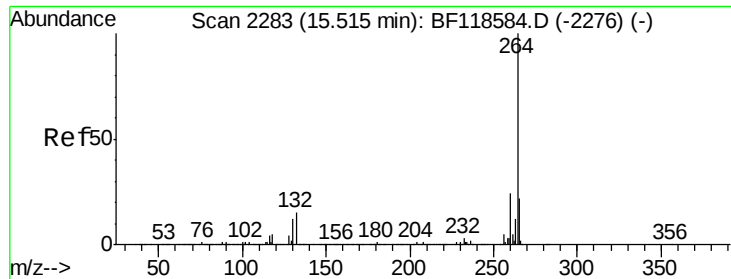
Ion Ratio Lower Upper

149 100

167 29.4 24.2 36.4

279 4.9 5.0 7.4#

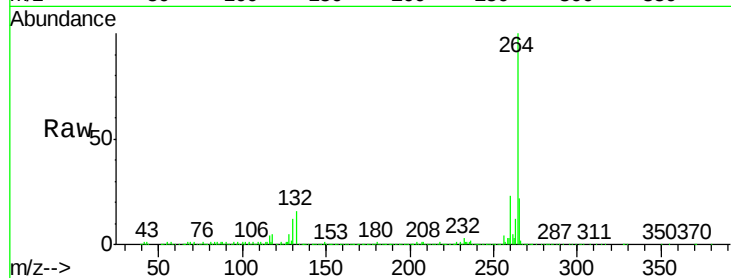




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.04 min
Lab File: BF118702.D
Acq: 24 Jan 2020 22:59

Instrument :
BNA_F
ClientSampleId :
20200062-COMPOSITE-B8

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.6	29.4
265	22.0	17.7	26.5



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

