

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103978.D
 Acq On : 27 Mar 2018 19:03
 Operator : JU/SJ
 Sample : J2064-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2532

Quant Time: Mar 28 05:16:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

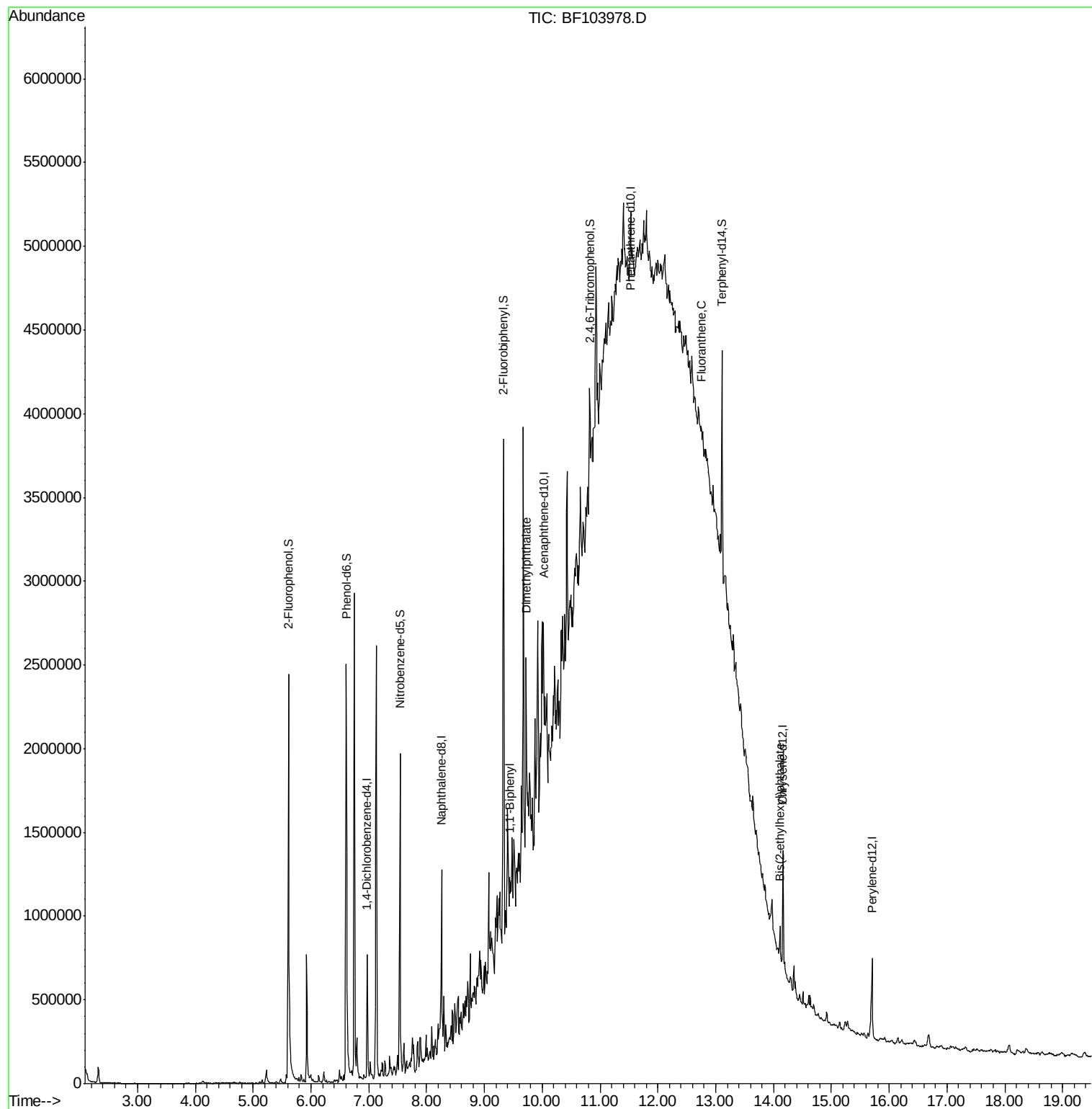
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	137692	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	528057	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	207891	20.00	ng	0.00
63) Phenanthrene-d10	11.53	188	185294	20.00	ng	0.02
75) Chrysene-d12	14.16	240	249569	20.00	ng	0.00
86) Perylene-d12	15.70	264	230284	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	1061758	117.29	ng	0.02
7) Phenol-d6	6.61	99	1270553	114.72	ng	0.01
23) Nitrobenzene-d5	7.54	82	732635	96.75	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	207414	116.04	ng	0.01
44) 2-Fluorobiphenyl	9.33	172	1144332	87.80	ng	0.00
78) Terphenyl-d14	13.11	244	693055	64.46	ng	0.01
Target Compounds						
45) 1,1'-Biphenyl	9.43	154	39724	2.292	ng	95
49) Dimethylphthalate	9.72	163	96652	6.094	ng	# 83
74) Fluoranthene	12.75	202	36177	3.464	ng	79
83) Bis(2-ethylhexyl)phthalate	14.12	149	64341	5.546	ng	# 94

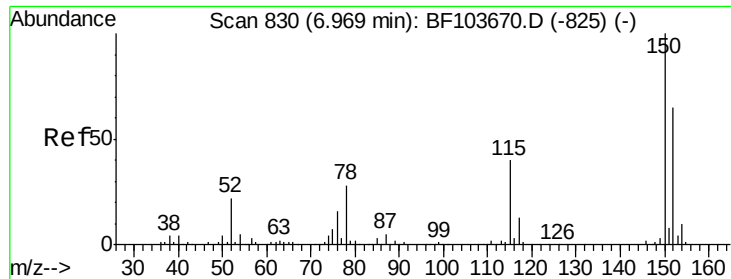
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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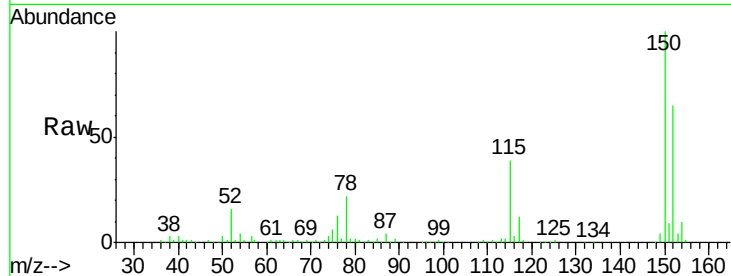


#1

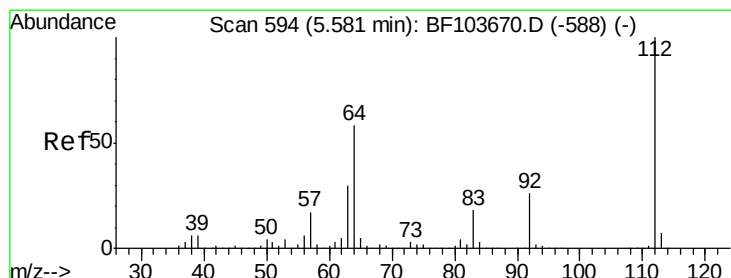
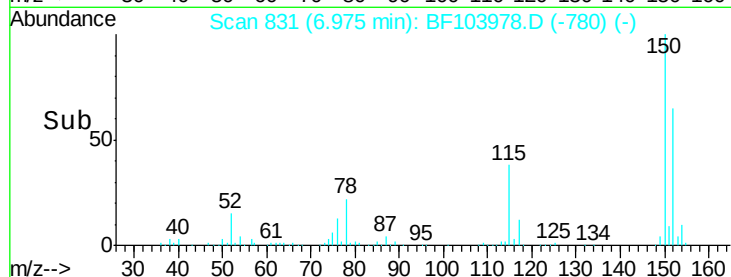
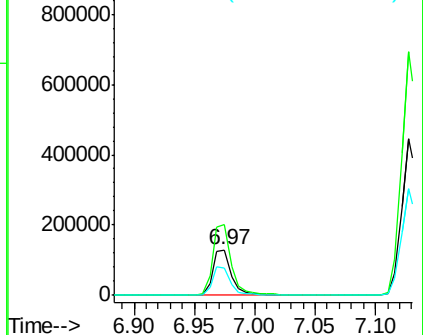
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103978.D
Acq: 27 Mar 2018 19:03

Instrument :
BNA_F
ClientSampleId :
RO-CV-2532

Tot Ion:152 Resp: 137692
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.7 50.1 75.1



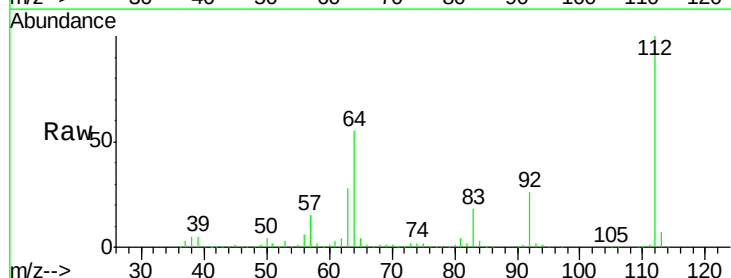
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



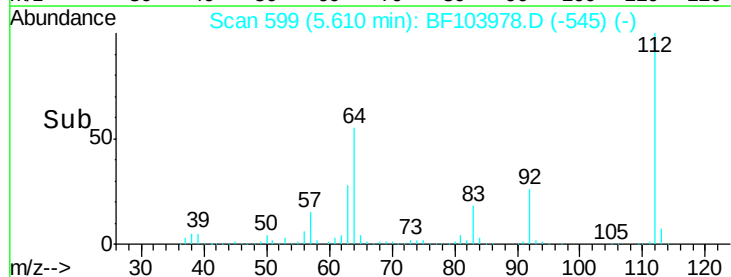
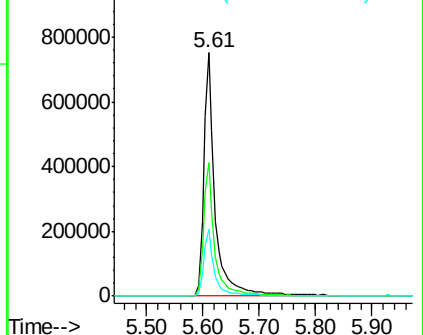
#5

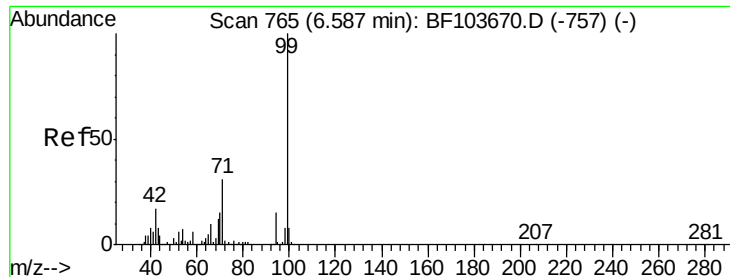
2-Fluorophenol
Concen: 117.286 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103978.D
Acq: 27 Mar 2018 19:03

Tgt Ion:112 Resp: 1061758
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.7 23.7 35.5



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: 114.718 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

RO-CV-2532

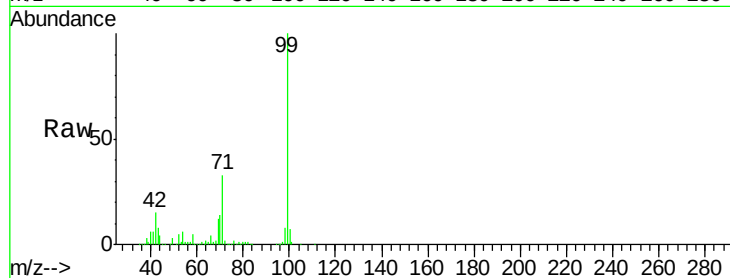
Tot Ion: 99 Resp: 1270553

Ion Ratio Lower Upper

99 100

42 15.2 14.5 21.7

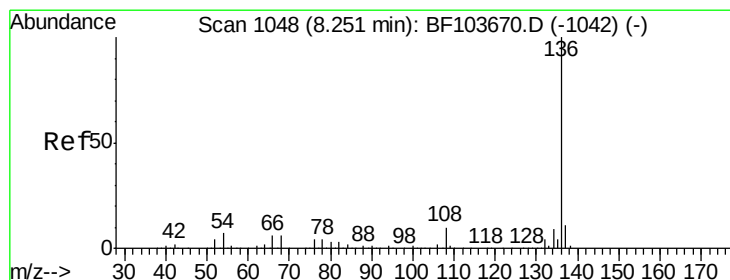
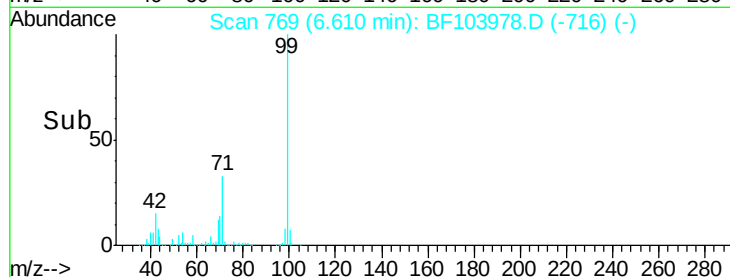
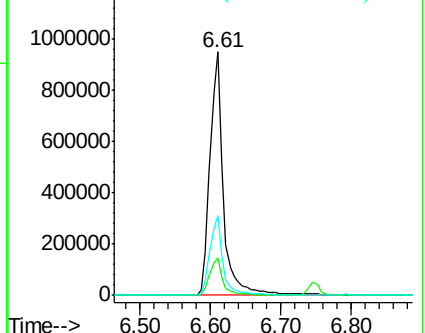
71 32.6 25.4 38.0



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: 8.26 min Scan# 1049

Delta R.T. -0.00 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

Tgt Ion: 136 Resp: 528057

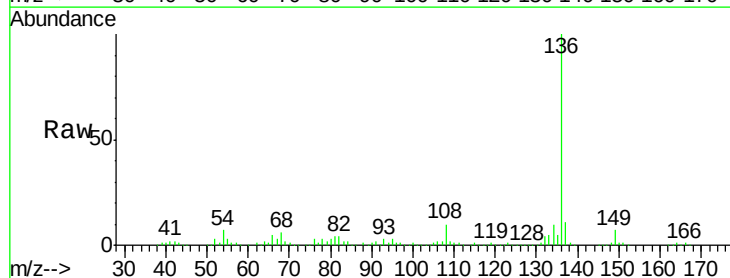
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.6 6.6 9.8

68 6.1 5.0 7.4

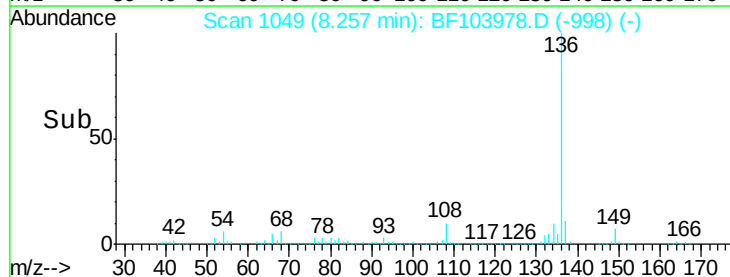
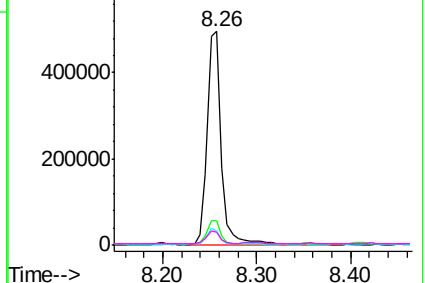


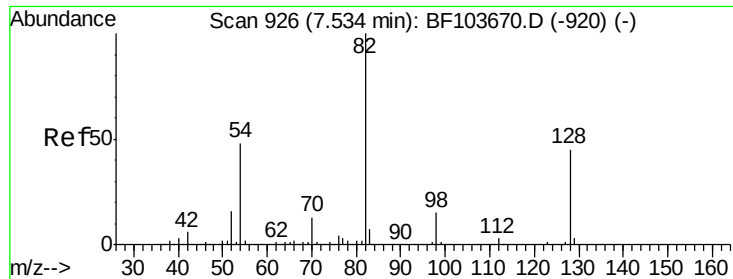
Abundance Ion 136.00 (135.70 to 136.70): E

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

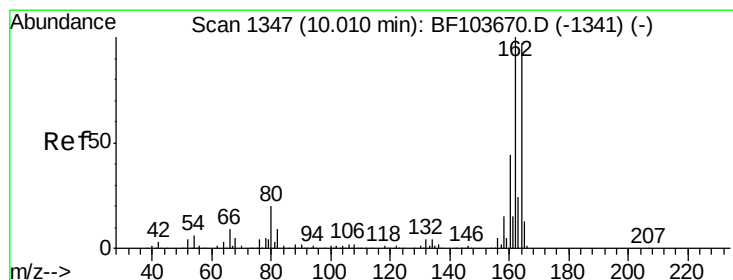
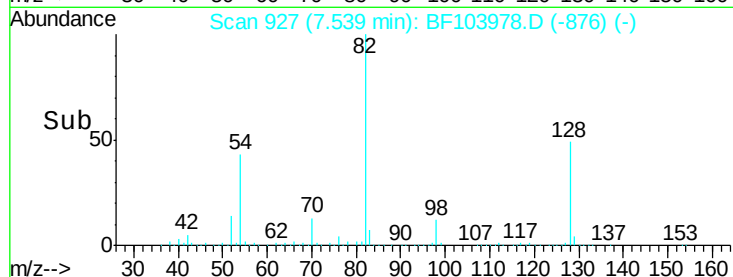
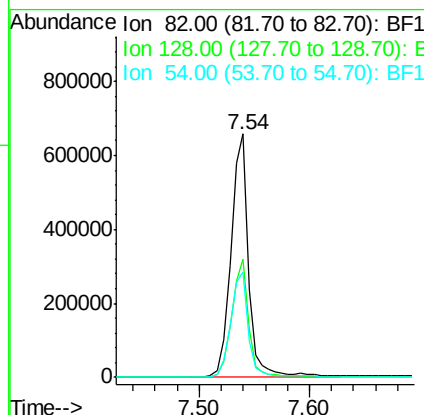
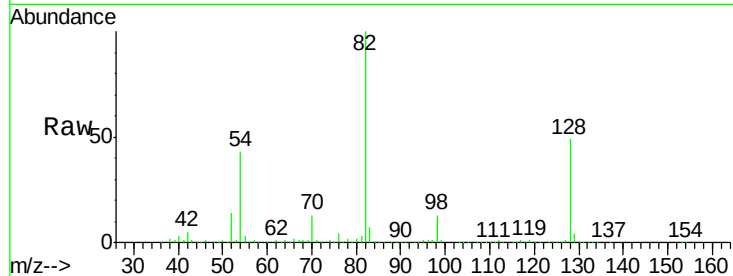




#23
 Nitrobenzene-d5
 Concen: 96.753 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

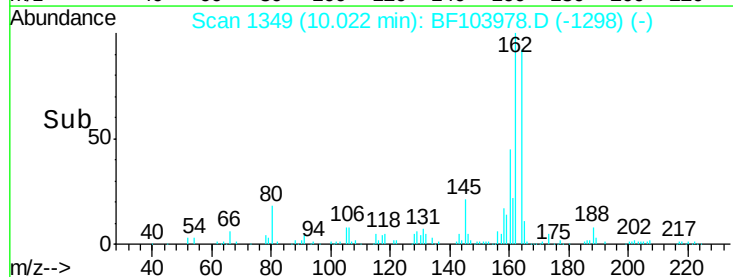
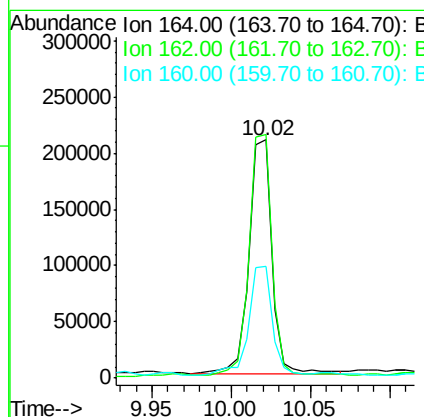
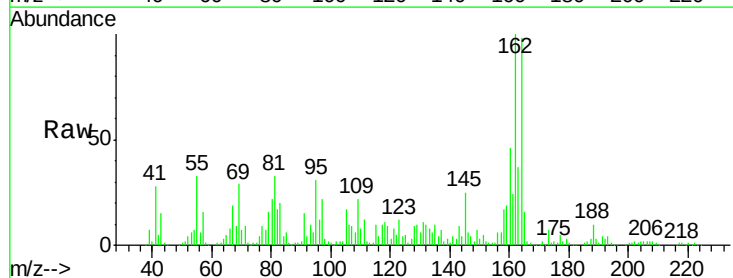
Instrument :
 BNA_F
 ClientSampled :
 RO-CV-2532

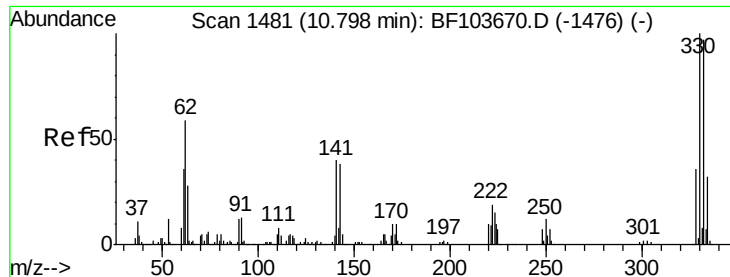
Tot Ion	82	Resp	732635
Ion Ratio	Lower	Upper	
82	100		
128	48.6	36.1	54.1
54	43.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1349
 Delta R.T. -0.00 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

Tgt Ion	164	Resp	207891
Ion Ratio	Lower	Upper	
164	100		
162	102.1	86.1	129.1
160	46.6	38.3	57.5

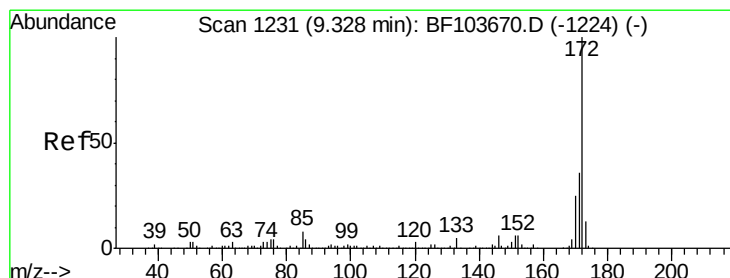
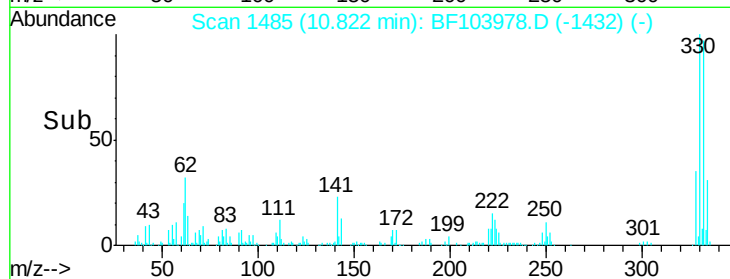
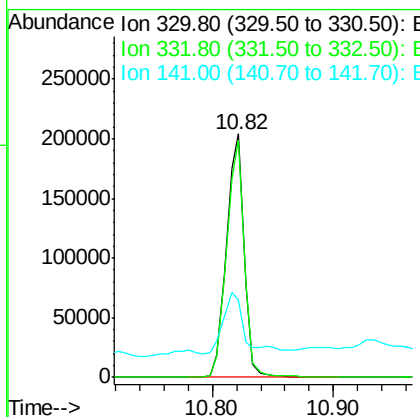
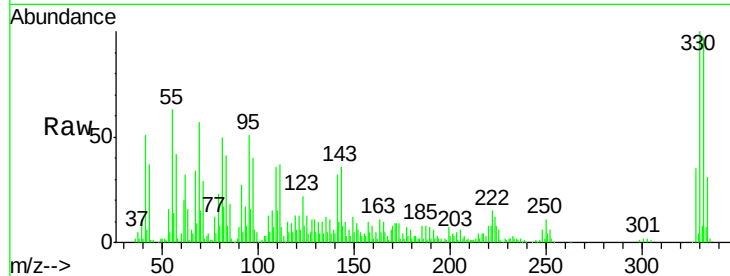




#41
 2,4,6-Tribromophenol
 Concen: 116.038 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. 0.01 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

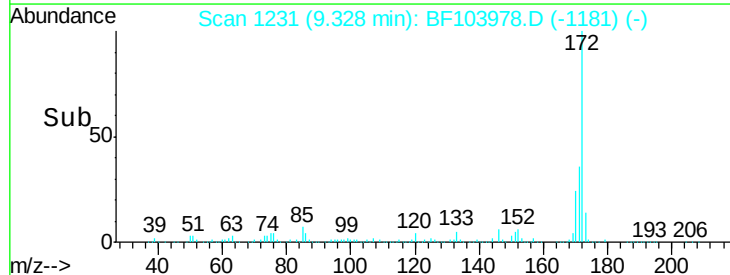
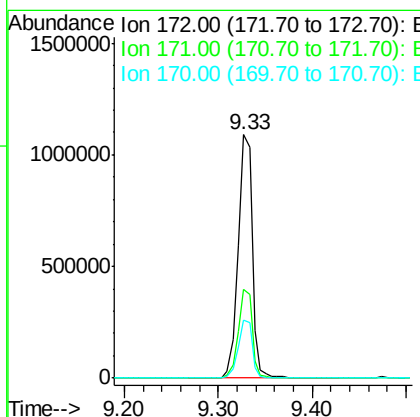
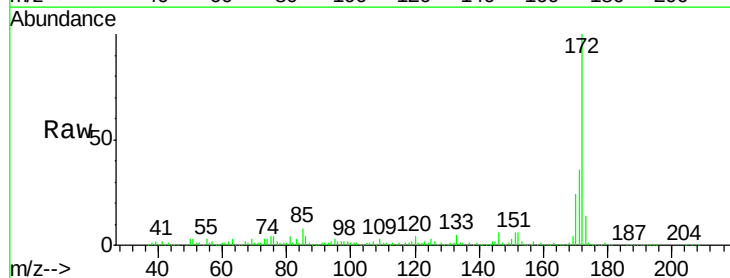
Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2532

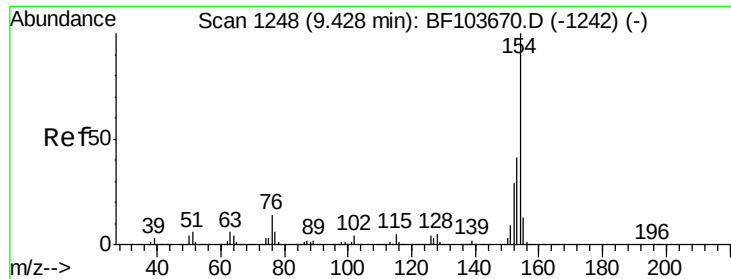
Tot Ion:330 Resp: 207414
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 30.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 87.805 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

Tgt Ion:172 Resp: 1144332
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.7 19.6 29.4





#45

1,1'-Biphenyl

Concen: 2.292 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

RO-CV-2532

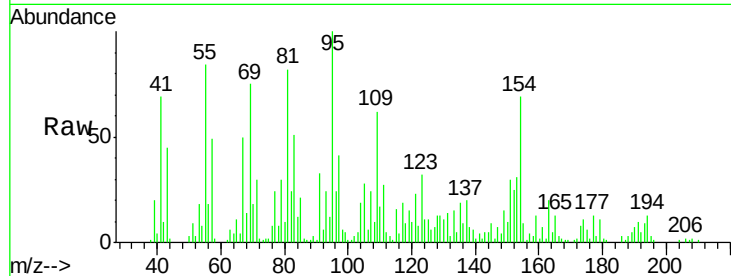
Tot Ion:154 Resp: 39724

Ion Ratio Lower Upper

154 100

153 44.1 21.3 61.3

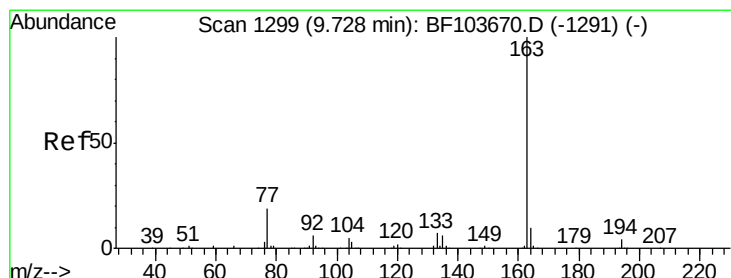
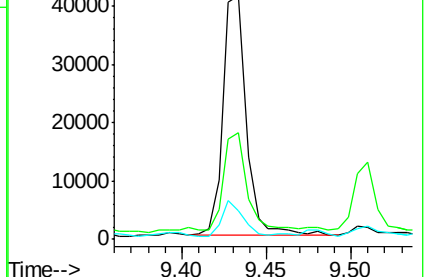
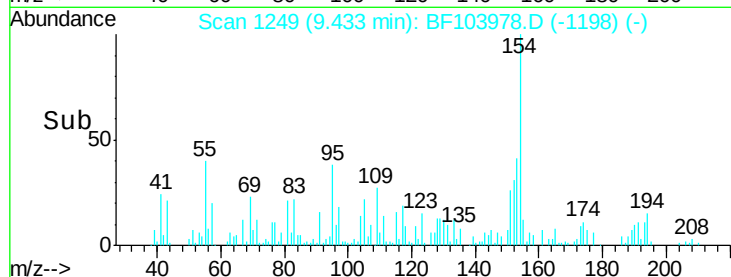
76 11.9 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1



#49

Dimethylphthalate

Concen: 6.094 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

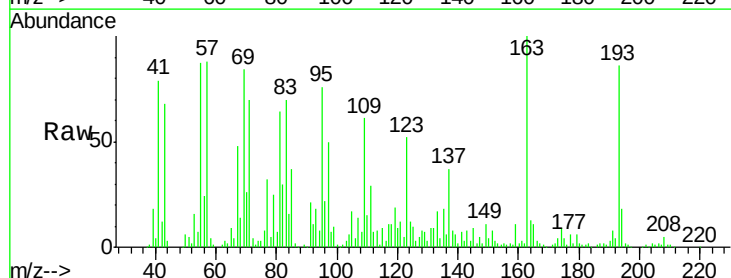
Tgt Ion:163 Resp: 96652

Ion Ratio Lower Upper

163 100

194 18.0 2.7 4.1#

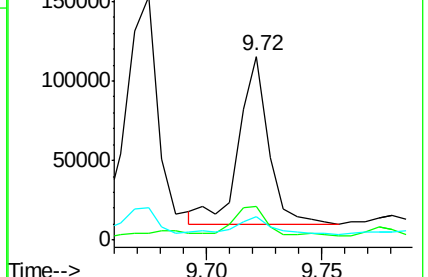
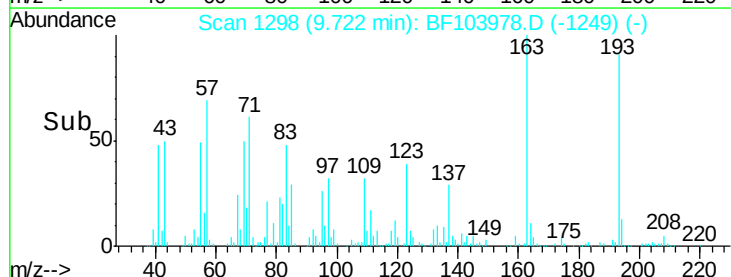
164 13.0 8.2 12.2#

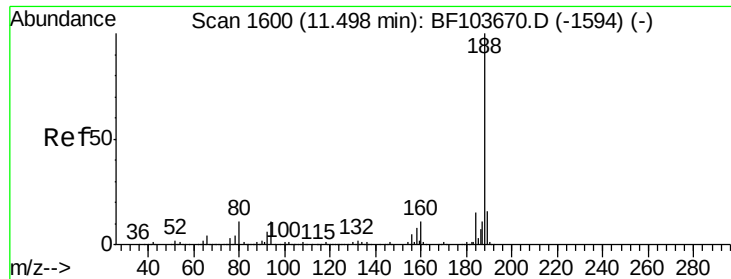


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

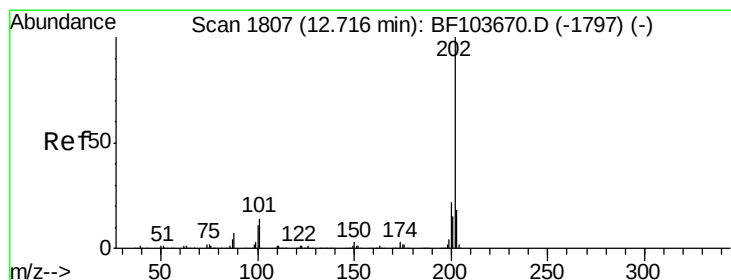
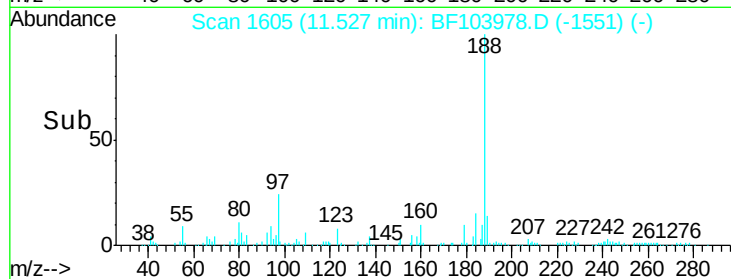
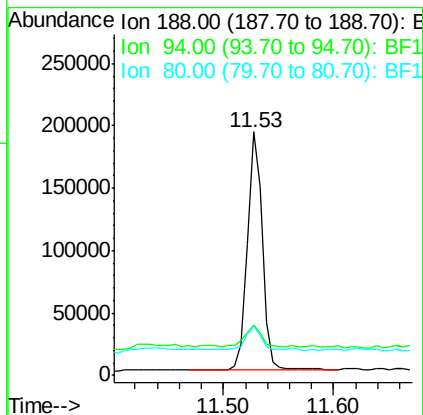
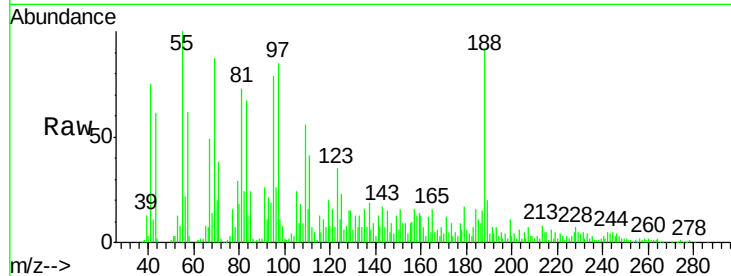




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.02 min
Lab File: BF103978.D
Acq: 27 Mar 2018 19:03

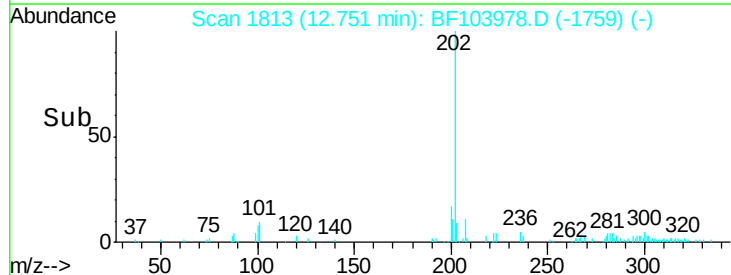
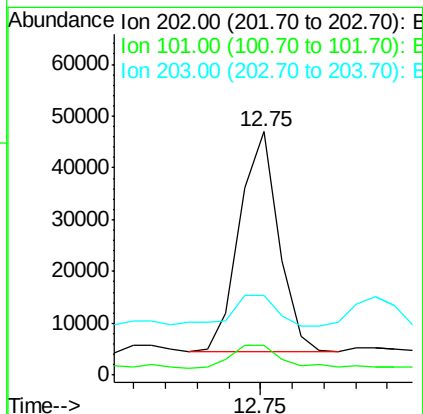
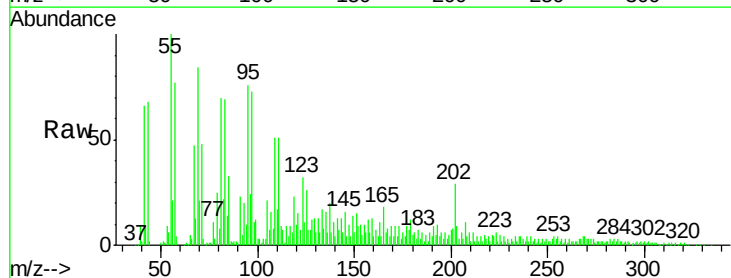
Instrument :
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RO-CV-2532

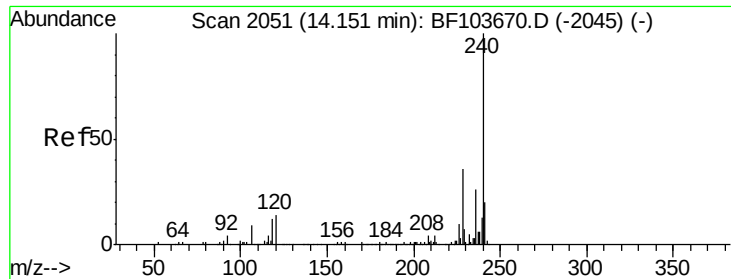
Tot Ion:188 Resp: 185294
Ion Ratio Lower Upper
188 100
94 20.5 8.5 12.7#
80 19.9 9.2 13.8#



#74
Fluoranthene
Concen: 3.464 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.02 min
Lab File: BF103978.D
Acq: 27 Mar 2018 19:03

Tgt Ion:202 Resp: 36177
Ion Ratio Lower Upper
202 100
101 12.2 0.0 34.1
203 32.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

Instrument :

BNA_F

ClientSampleId :

RO-CV-2532

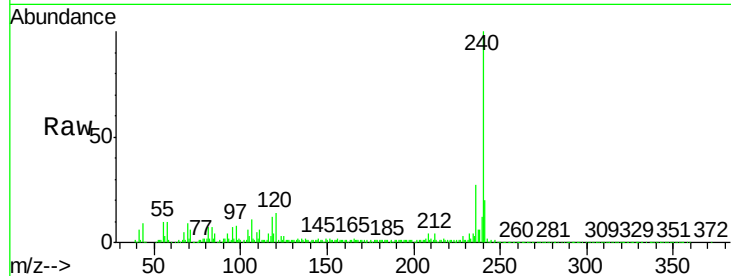
Tot Ion:240 Resp: 249569

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

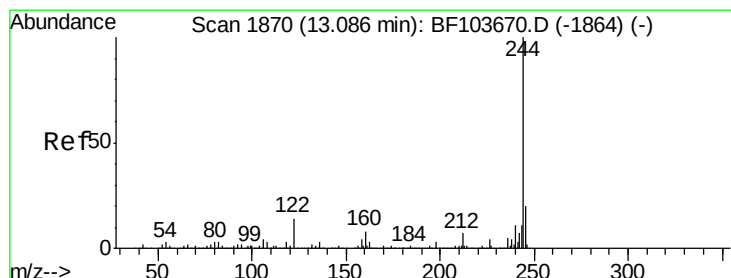
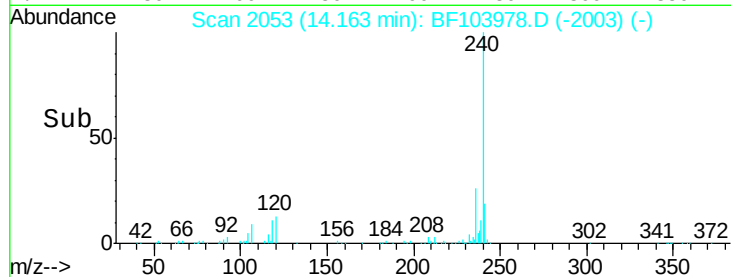
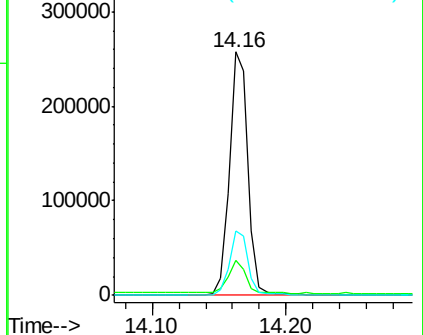
236 26.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 64.458 ng

RT: 13.11 min Scan# 1874

Delta R.T. 0.01 min

Lab File: BF103978.D

Acq: 27 Mar 2018 19:03

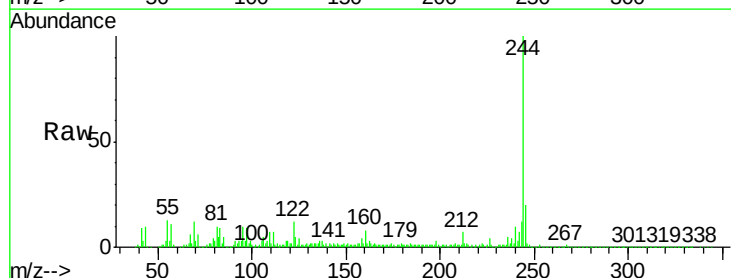
Tgt Ion:244 Resp: 693055

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

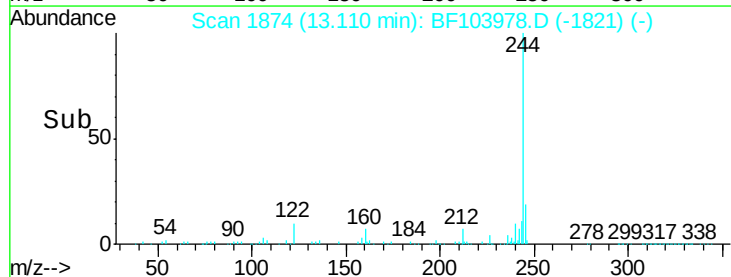
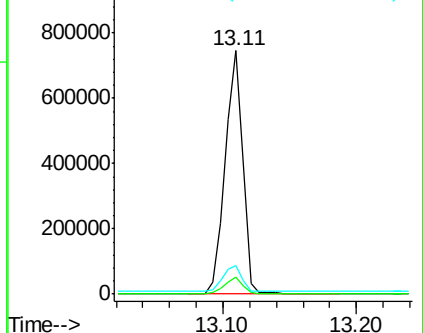
122 11.8 11.0 16.4

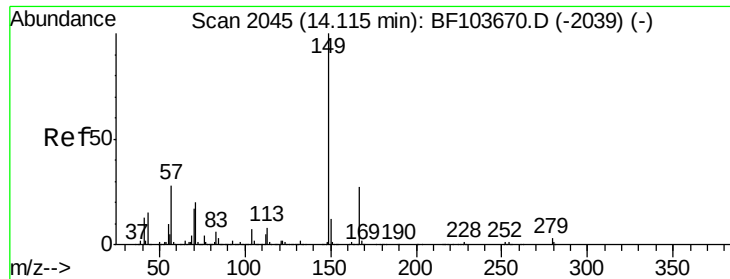


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

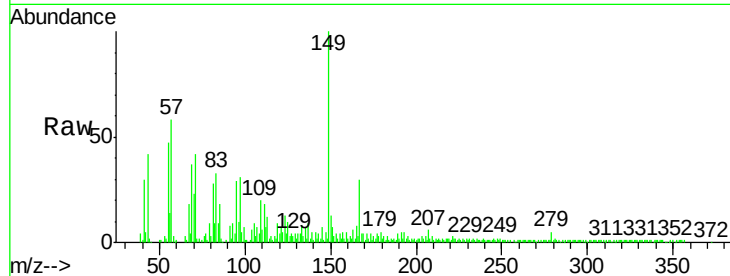




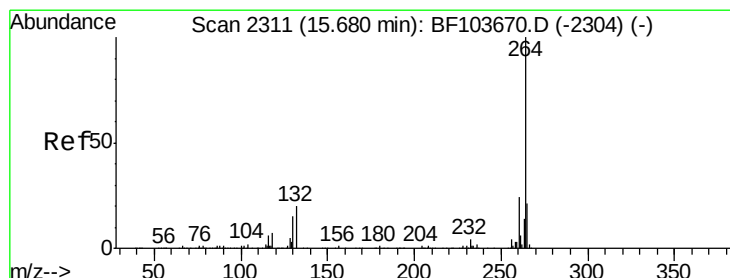
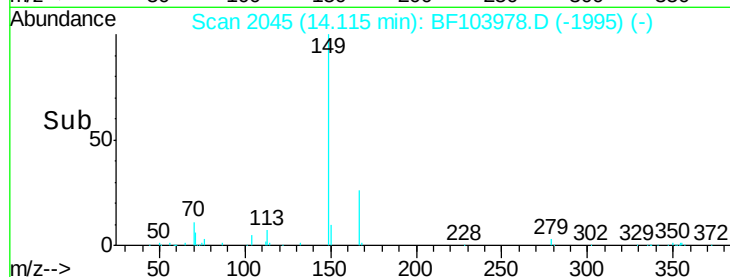
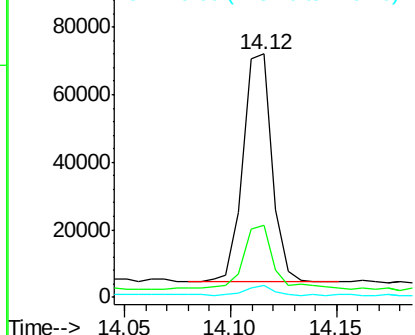
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.546 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 RO-CV-2532

Tot Ion:149 Resp: 64341
 Ion Ratio Lower Upper
 149 100
 167 29.7 21.3 31.9
 279 4.8 3.0 4.4#

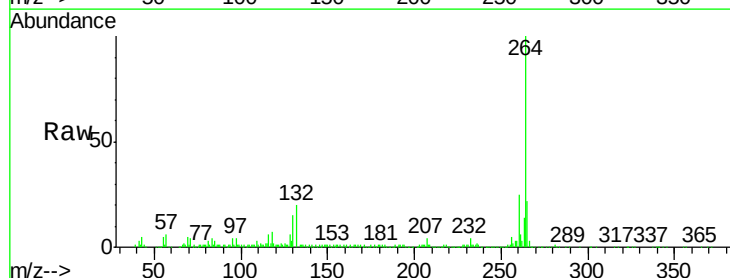


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BF103978.D
 Acq: 27 Mar 2018 19:03

Tgt Ion:264 Resp: 230284
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.3 17.5 26.3



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

