

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031918\
 Data File : BF103776.D
 Acq On : 20 Mar 2018 00:32
 Operator : JU/SJ
 Sample : J1971-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-6-ST-LATERAL-NW

Quant Time: Mar 20 10:10:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

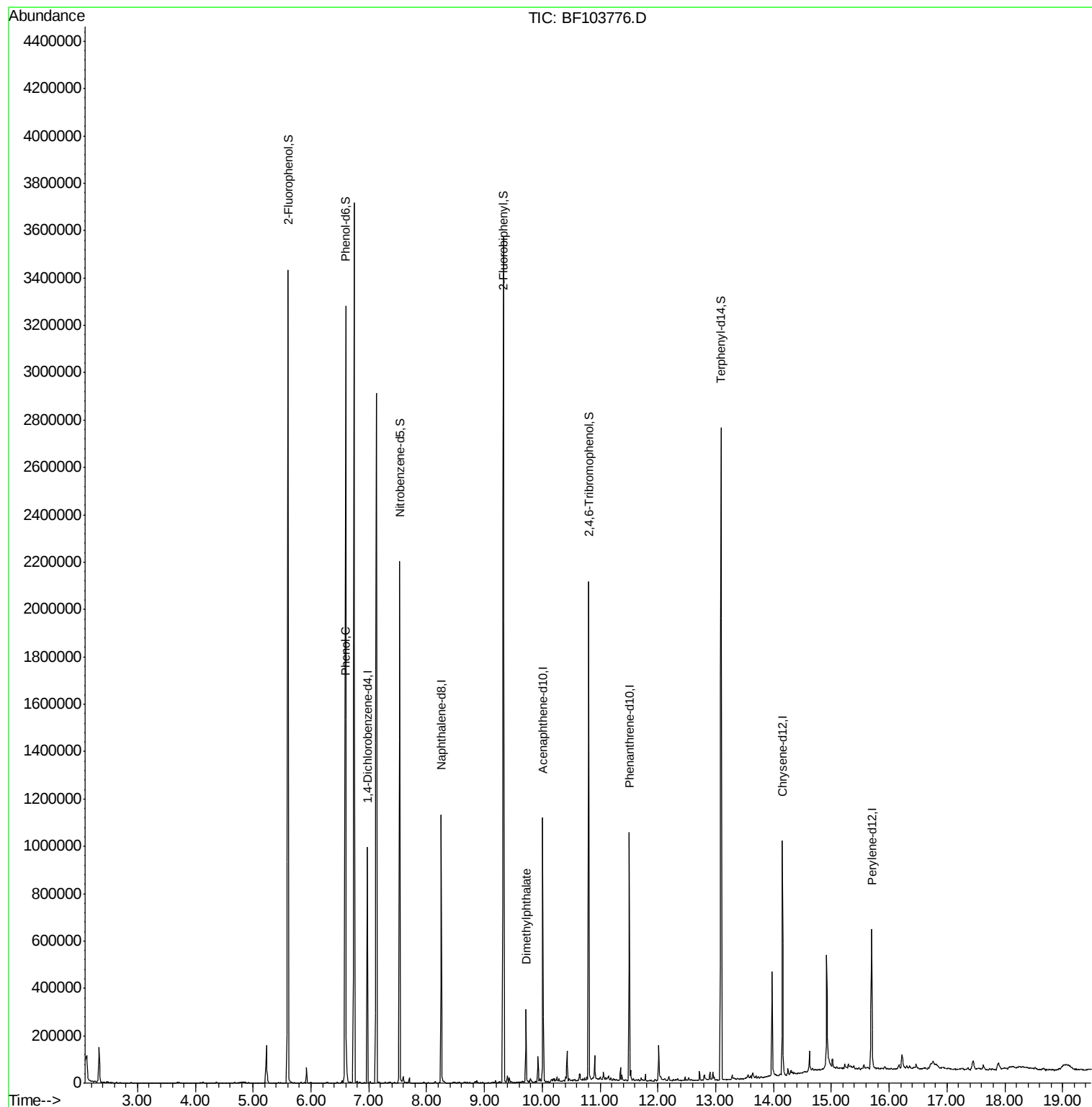
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144405	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	548461	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	224795	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	347771	20.00	ng	0.00
75) Chrysene-d12	14.16	240	298077	20.00	ng	0.00
86) Perylene-d12	15.70	264	254216	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1149593	121.08	ng	0.02
7) Phenol-d6	6.60	99	1397429	120.31	ng	0.01
23) Nitrobenzene-d5	7.53	82	857611	109.04	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	260913	134.99	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1091363	77.44	ng	0.00
78) Terphenyl-d14	13.09	244	912017	71.02	ng	0.00
Target Compounds						
10) Phenol	6.61	94	41935	3.398	ng	90
49) Dimethylphthalate	9.72	163	102999	6.006	ng	100

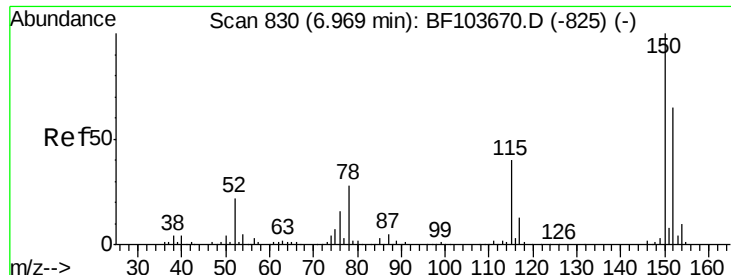
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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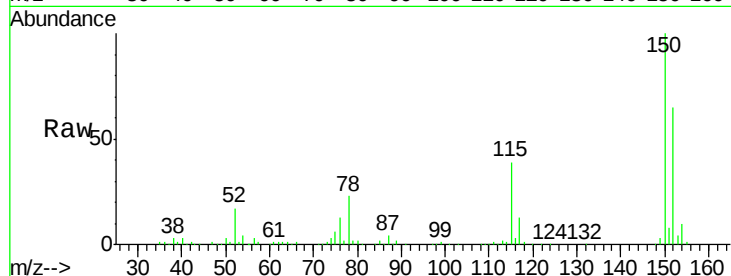


#1

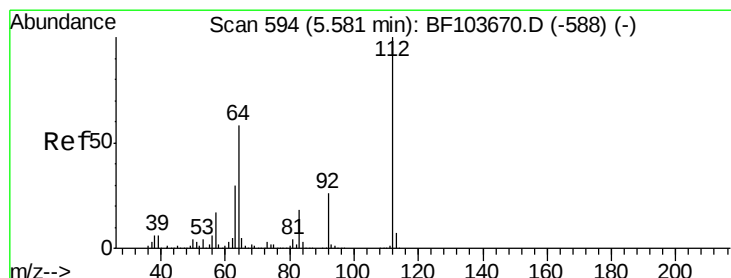
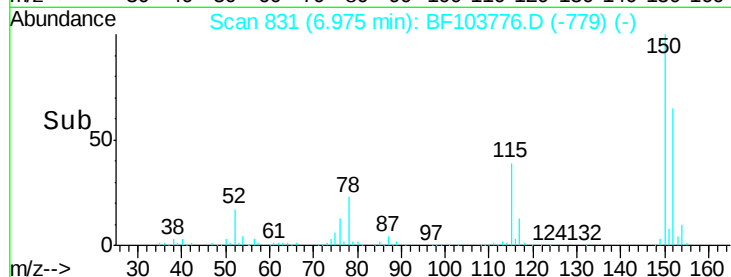
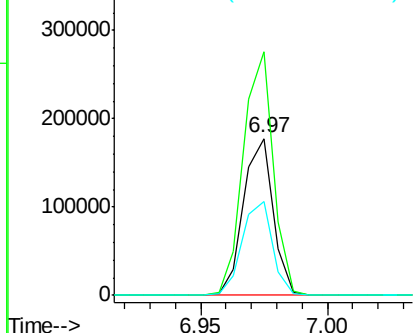
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-6-ST-LATERAL-NW

Tot Ion:152 Resp: 144405
Ion Ratio Lower Upper
152 100
150 155.0 124.6 186.8
115 59.9 50.1 75.1



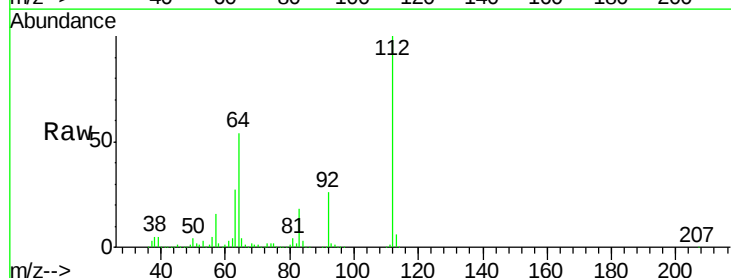
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



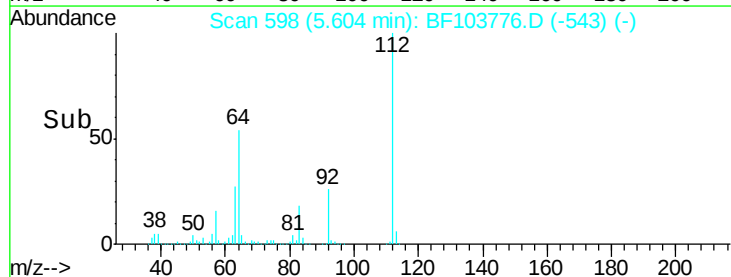
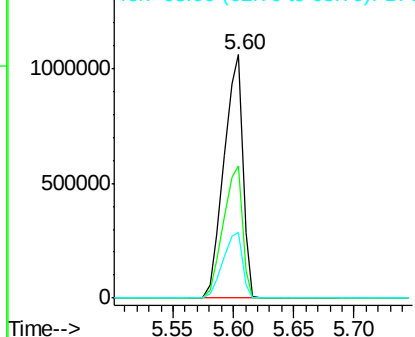
#5

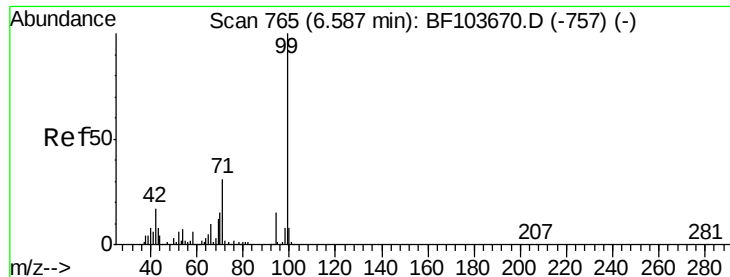
2-Fluorophenol
Concen: 121.085 ng
RT: 5.60 min Scan# 598
Delta R.T. 0.02 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Tgt Ion:112 Resp: 1149593
Ion Ratio Lower Upper
112 100
64 54.1 47.9 71.9
63 27.1 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: 120.308 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103776.D

Acq: 20 Mar 2018 00:32

Instrument :

BNA_F

ClientSampleId :

WEST-GARAGE-6-ST-LATERAL-NW

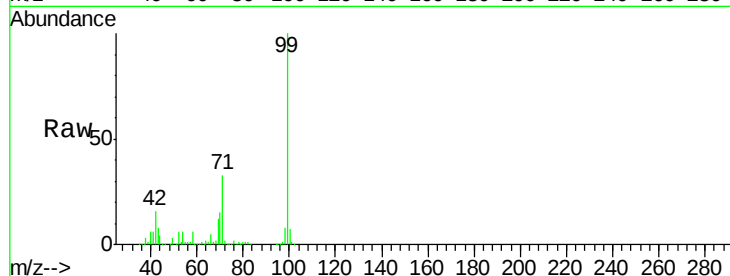
Tot Ion: 99 Resp: 1397429

Ion	Ratio	Lower	Upper
99	100		
42	15.7	14.5	21.7
71	32.7	25.4	38.0

99 100

42 15.7 14.5 21.7

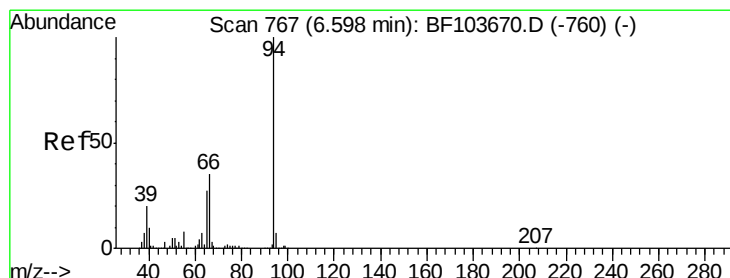
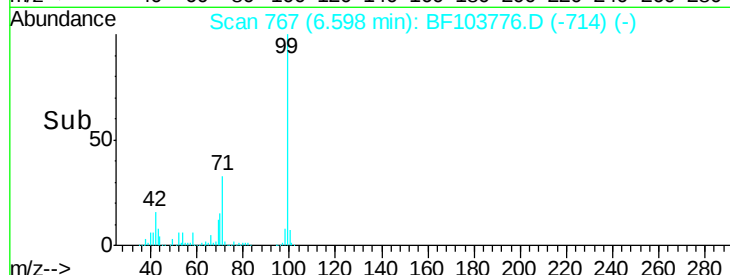
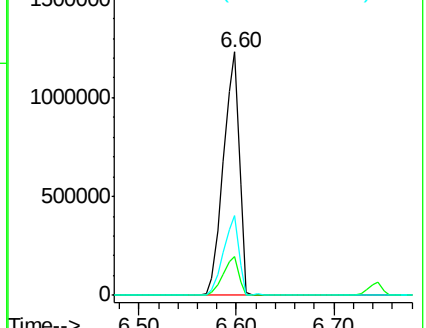
71 32.7 25.4 38.0



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



#10

Phenol

Concen: 3.398 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103776.D

Acq: 20 Mar 2018 00:32

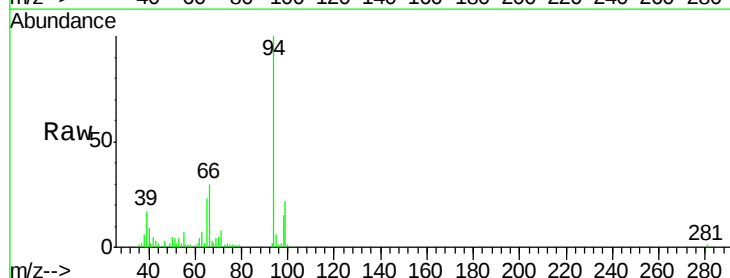
Tgt Ion: 94 Resp: 41935

Ion	Ratio	Lower	Upper
94	100		
65	23.1	7.9	47.9
66	30.4	16.2	56.2

94 100

65 23.1 7.9 47.9

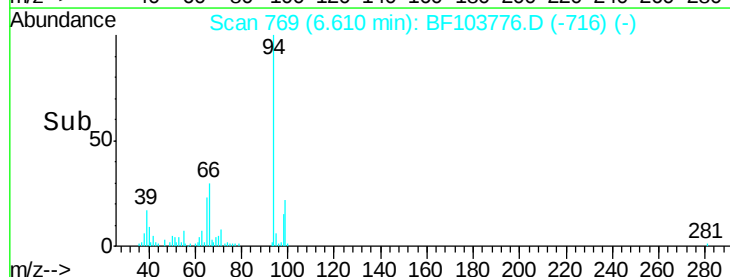
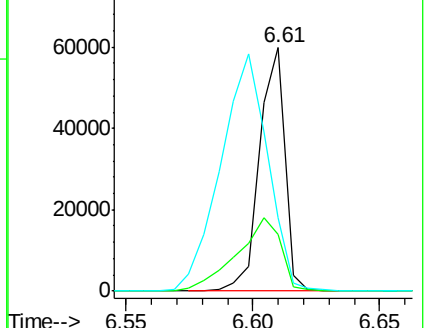
66 30.4 16.2 56.2

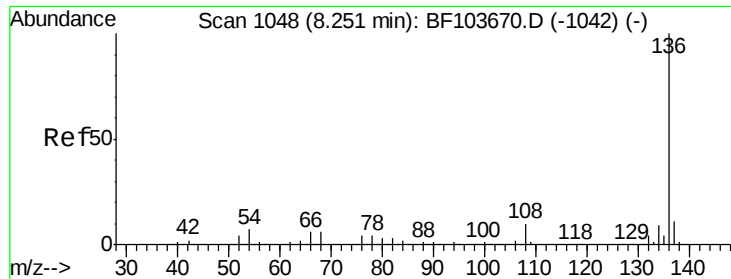


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

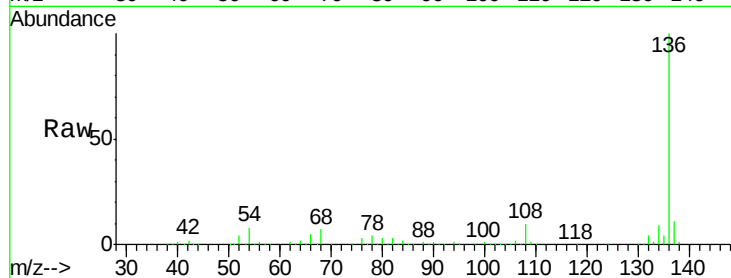




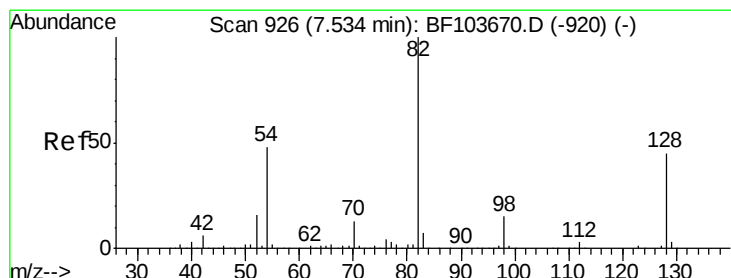
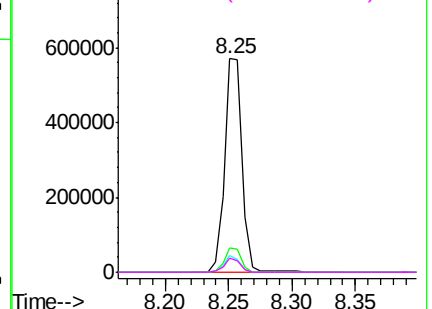
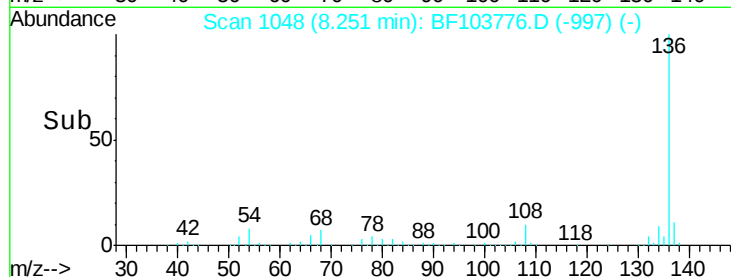
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-6-ST-LATERAL-NW

Tot Ion:136	Resp:	548461
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	7.6	6.6 9.8
68	6.9	5.0 7.4

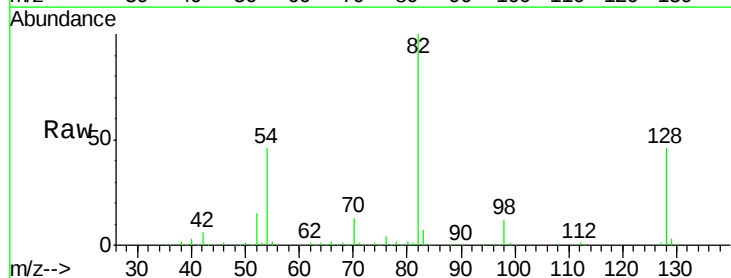


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

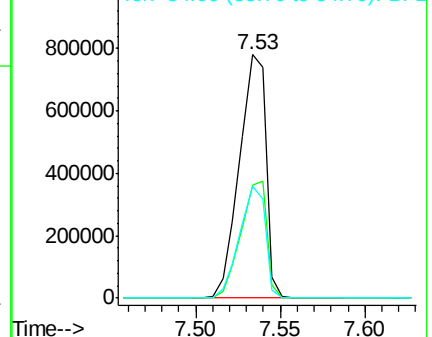
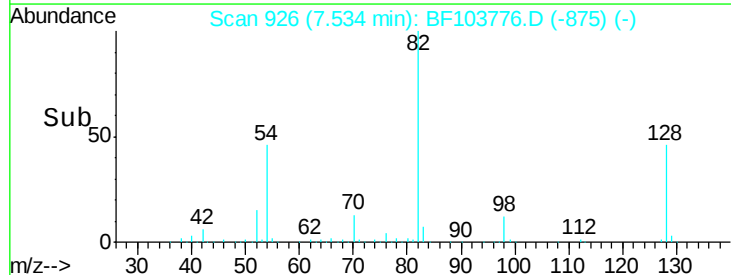


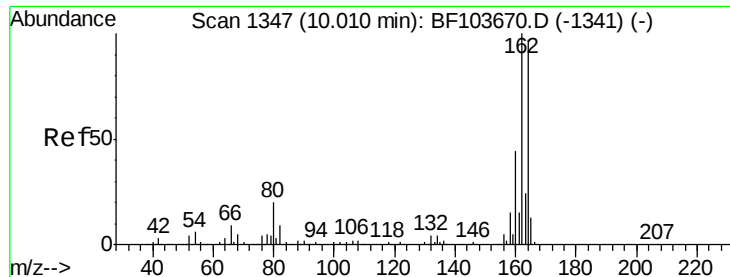
#23
Nitrobenzene-d5
Concen: 109.044 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Tgt Ion: 82	Resp:	857611
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.1 54.1
54	45.7	41.4 62.2



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF103776.D

Acq: 20 Mar 2018 00:32

Instrument :

BNA_F

ClientSampleId :

WEST-GARAGE-6-ST-LATERAL-NW

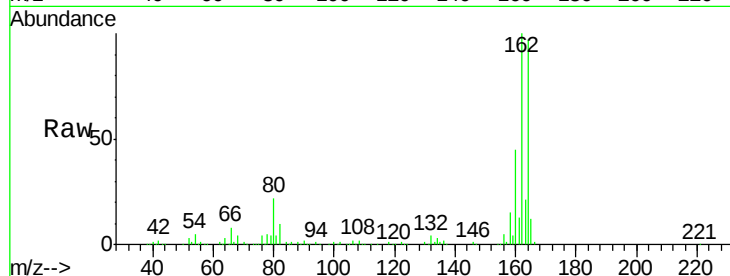
Tot Ion:164 Resp: 224795

Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

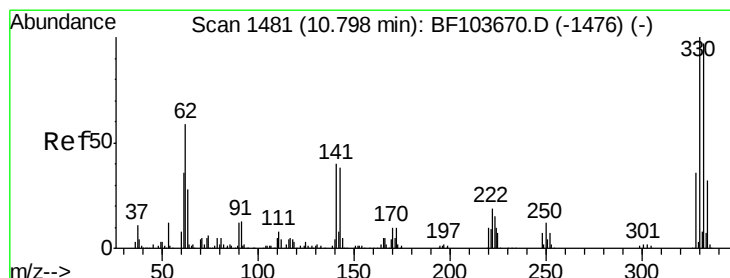
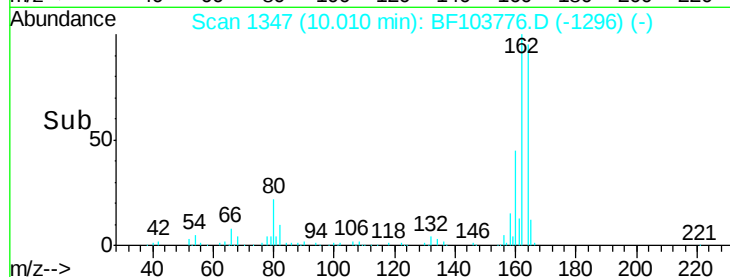
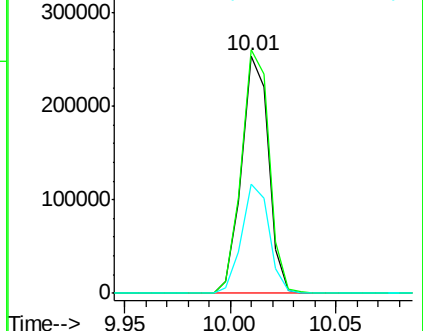
160 46.1 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 134.992 ng

RT: 10.80 min Scan# 1482

Delta R.T. 0.01 min

Lab File: BF103776.D

Acq: 20 Mar 2018 00:32

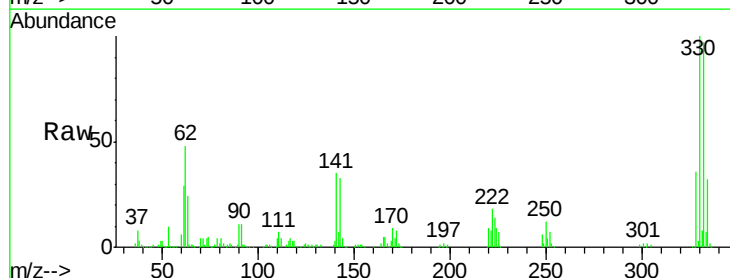
Tgt Ion:330 Resp: 260913

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

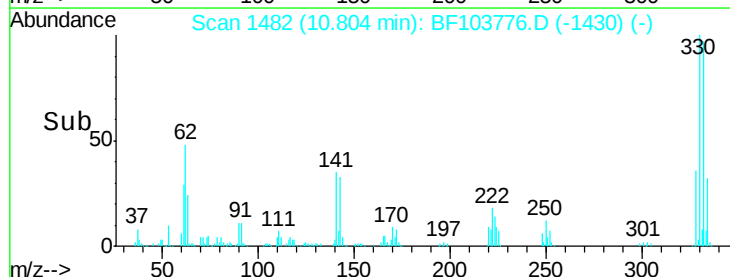
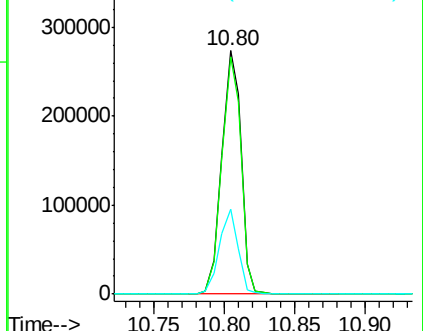
141 33.7 29.9 44.9

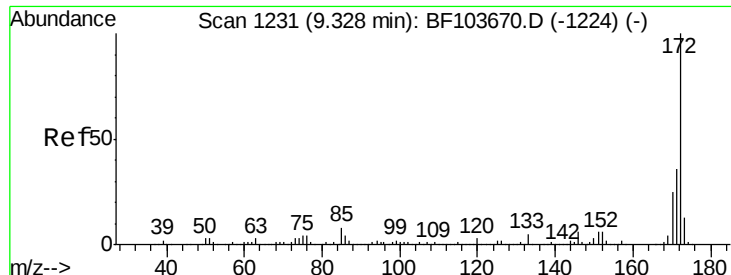


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

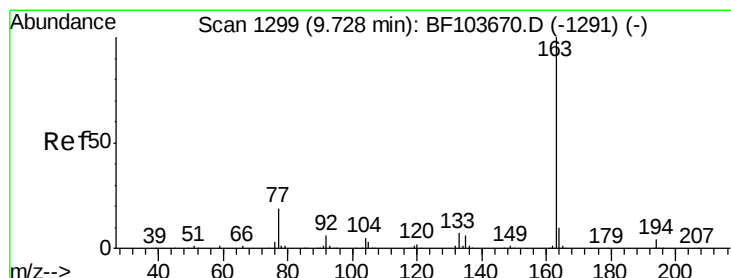
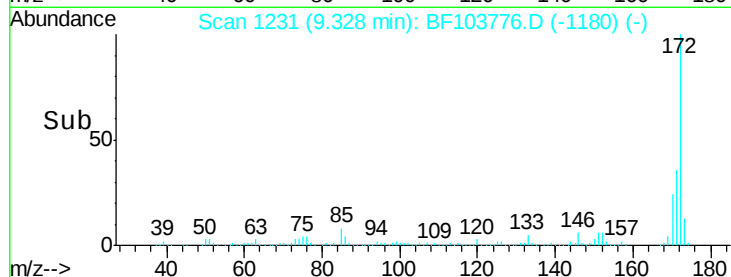
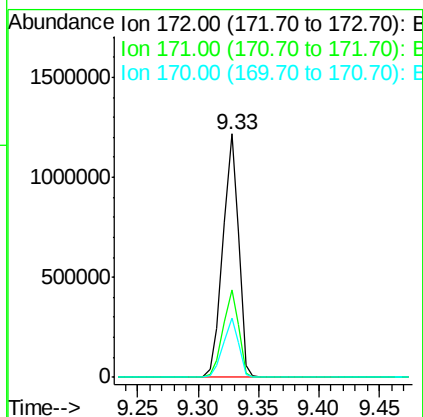
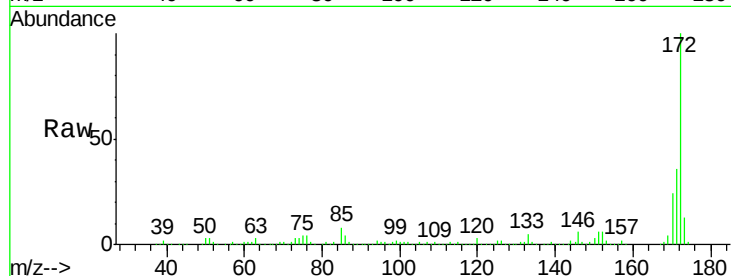




#44
2-Fluorobiphenyl
Concen: 77.443 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

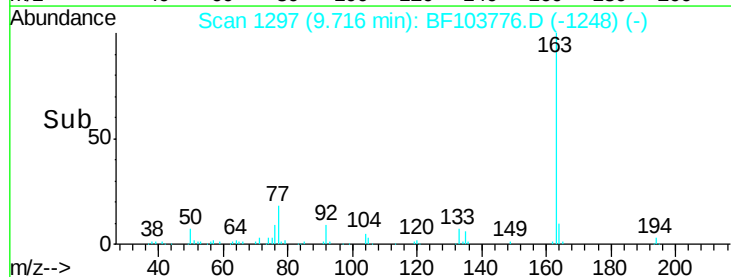
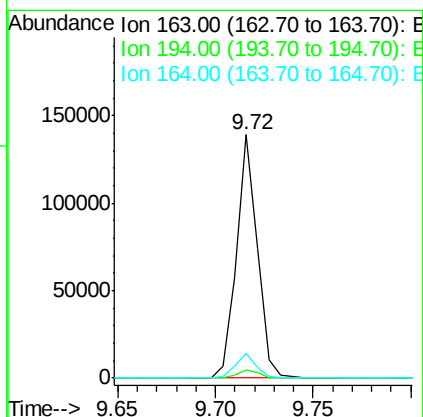
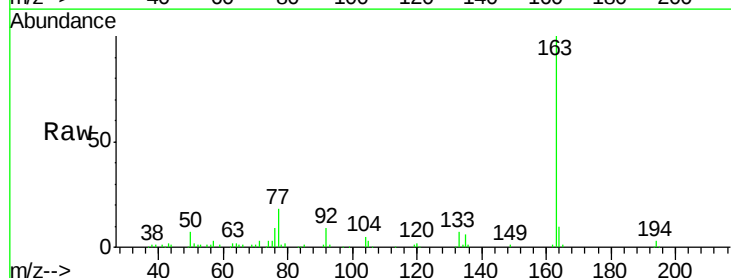
Instrument :
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WEST-GARAGE-6-ST-LATERAL-NW

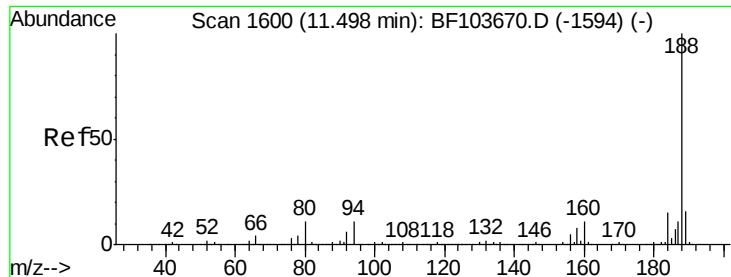
Tot Ion:172 Resp: 1091363
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 6.006 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Tgt Ion:163 Resp: 102999
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.0 8.2 12.2

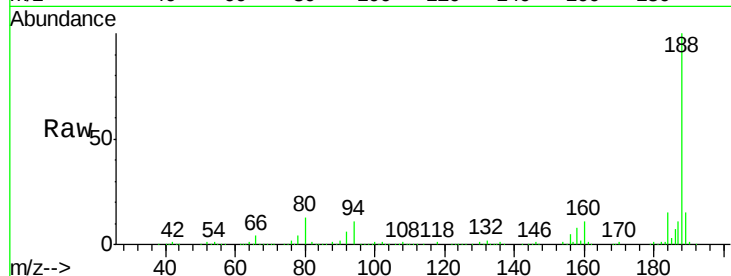




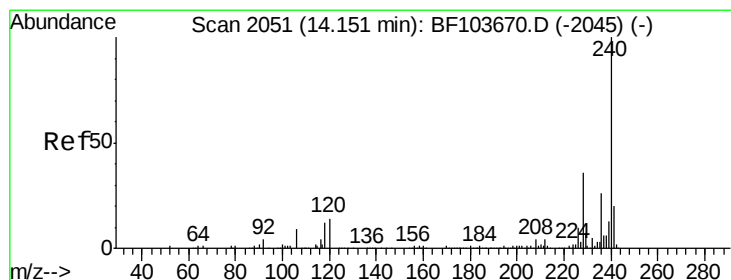
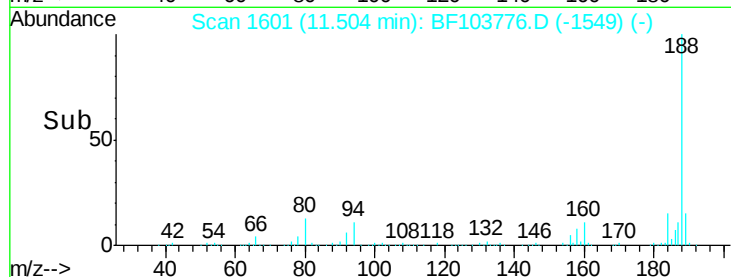
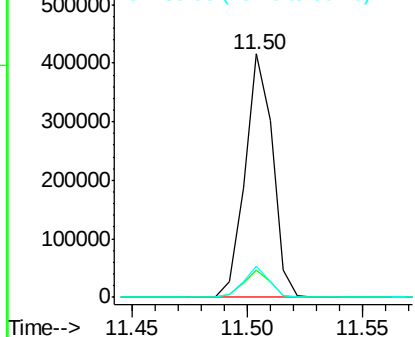
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Instrument :
BNA_F
ClientSampleId :
WEST-GARAGE-6-ST-LATERAL-NW

Tot Ion:188 Resp: 347771
Ion Ratio Lower Upper
188 100
94 11.4 8.5 12.7
80 12.7 9.2 13.8

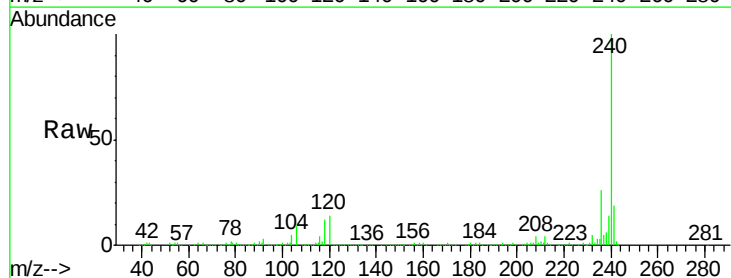


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

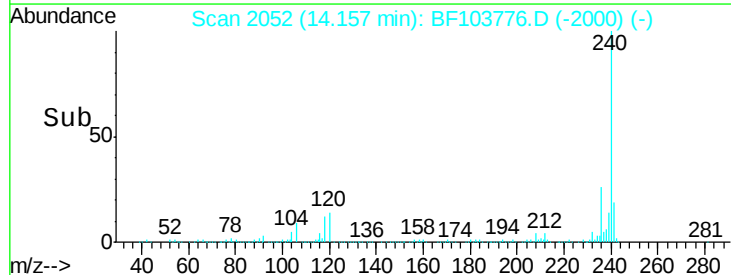
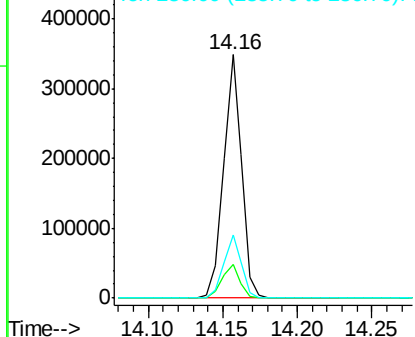


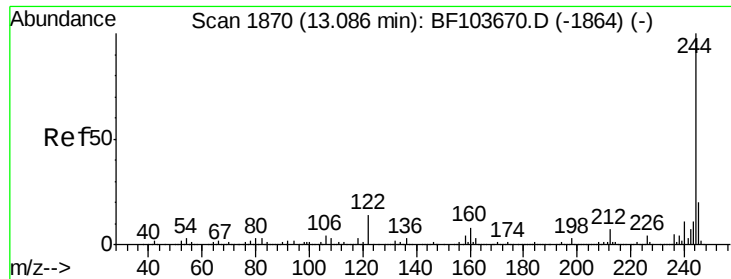
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2052
Delta R.T. 0.01 min
Lab File: BF103776.D
Acq: 20 Mar 2018 00:32

Tgt Ion:240 Resp: 298077
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.7 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

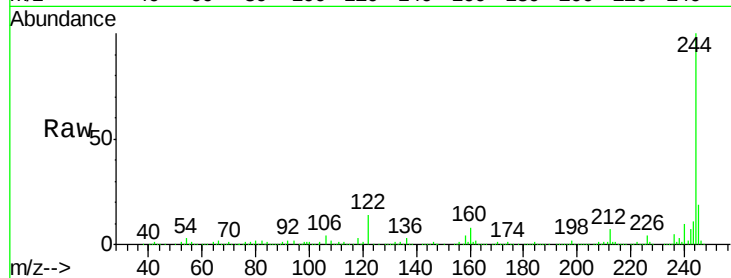




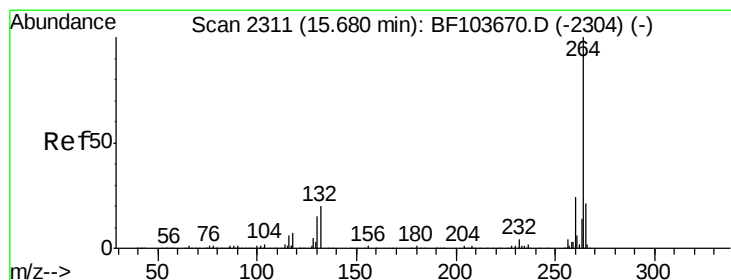
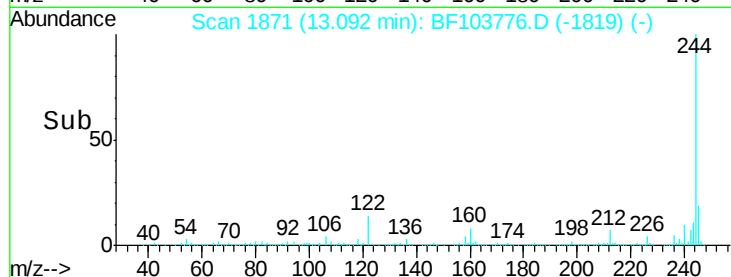
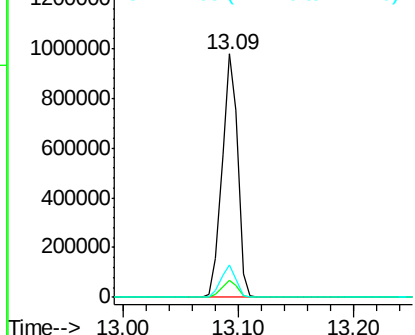
#78
 Terphenyl-d14
 Concen: 71.019 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103776.D
 Acq: 20 Mar 2018 00:32

Instrument :
 BNA_F
 ClientSampleId :
 WEST-GARAGE-6-ST-LATERAL-NW

Tot Ion:244 Resp: 912017
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.5 11.0 16.4

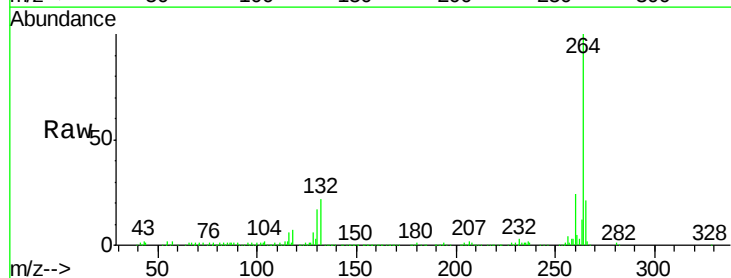


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2314
 Delta R.T. 0.02 min
 Lab File: BF103776.D
 Acq: 20 Mar 2018 00:32

Tgt Ion:264 Resp: 254216
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.2 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

