

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010819\
 Data File : BF111936.D
 Acq On : 9 Jan 2019 7:40
 Operator : JU/SJ
 Sample : K1053-01DL2 20X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-DRUMDL2

Quant Time: Jan 09 13:41:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

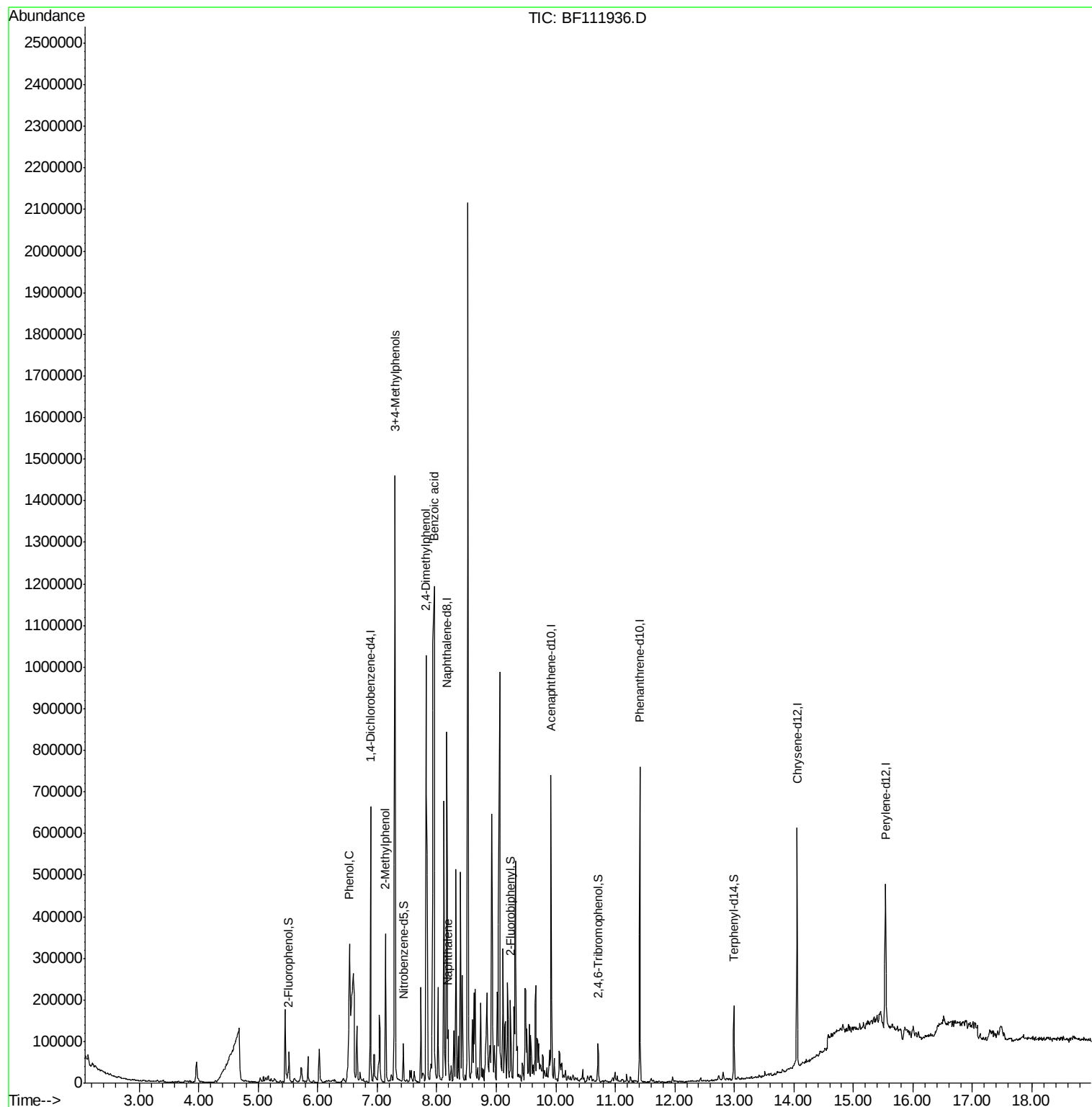
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	89452	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	330470	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	143837	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	256944	20.00	ng	0.00
76) Chrysene-d12	14.05	240	180195	20.00	ng	0.00
87) Perylene-d12	15.54	264	166954	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	17285	3.31	ng	0.00
7) Phenol-d6	6.52	99	13270	1.97	ng	-0.01
23) Nitrobenzene-d5	7.44	82	25360	4.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.71	330	11014	5.89	ng	-0.01
45) 2-Fluorobiphenyl	9.24	172	50937	5.16	ng	-0.01
79) Terphenyl-d14	12.99	244	54418	5.73	ng	0.00
Target Compounds						
10) Phenol	6.53	94	68053	9.291	ng	# 74
17) 2-Methylphenol	7.14	107	49838	10.681	ng	94
20) 3+4-Methylphenols	7.30	107	338079	58.215	ng	# 66
27) 2,4-Dimethylphenol	7.82	122	229593	51.558	ng	98
31) Naphthalene	8.19	128	47356	3.019	ng	98
32) Benzoic acid	7.96	122	349442	120.924	ng	# 11

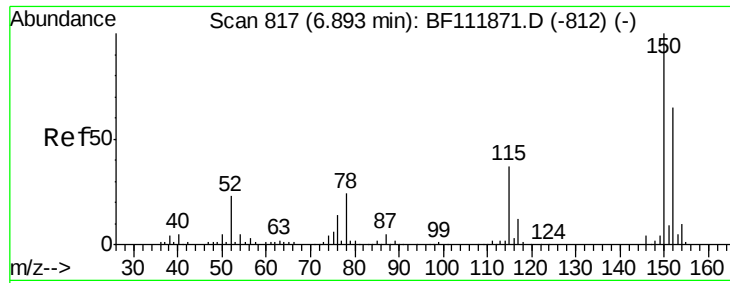
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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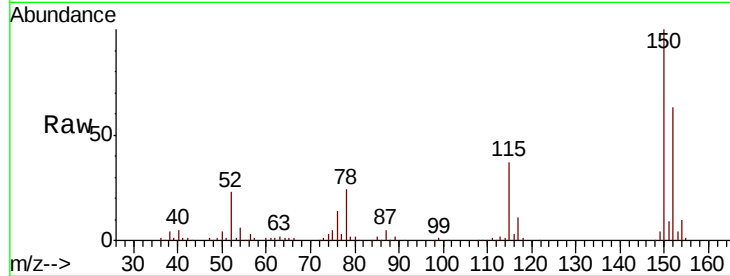


#1

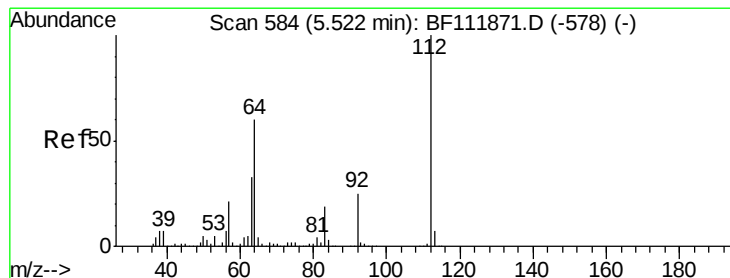
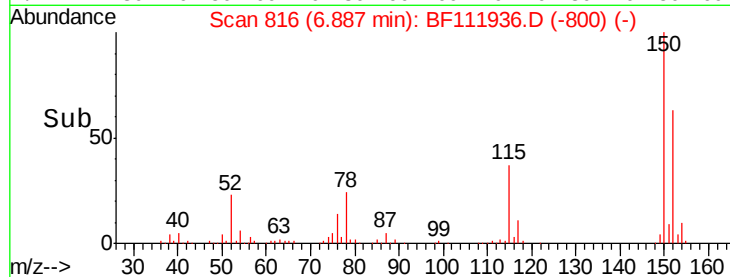
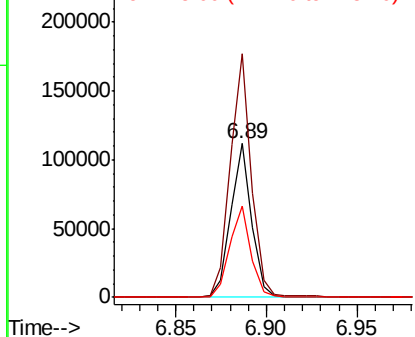
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF111936.D
 Acq: 9 Jan 2019 7:40

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1-DRUMDL2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	122.7	184.1
115	59.1	45.2	67.8



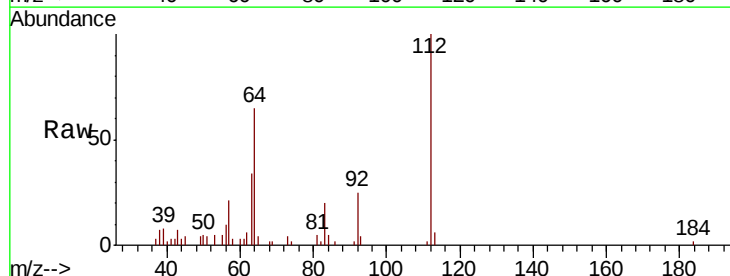
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



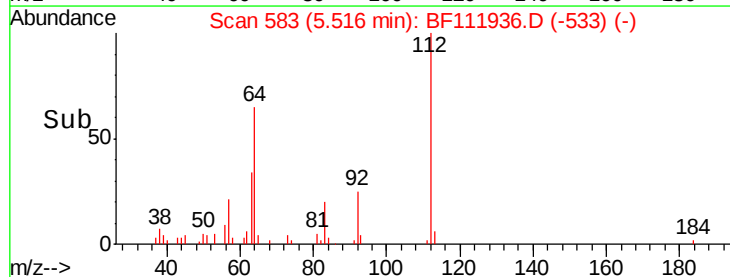
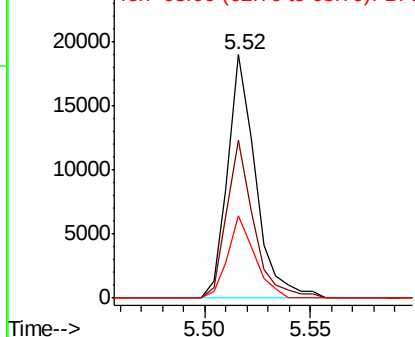
#5

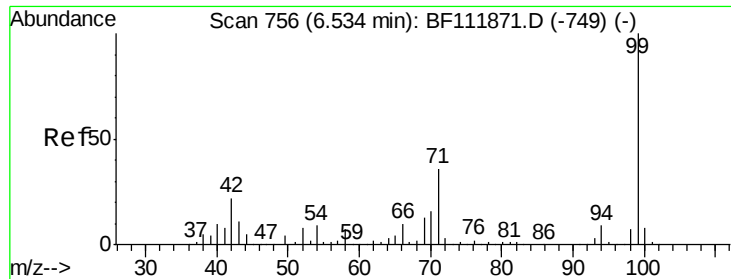
2-Fluorophenol
 Concen: 3.306 ng
 RT: 5.52 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF111936.D
 Acq: 9 Jan 2019 7:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	48.3	72.5
63	33.6	26.1	39.1



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: 1.969 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-DRUMDL2

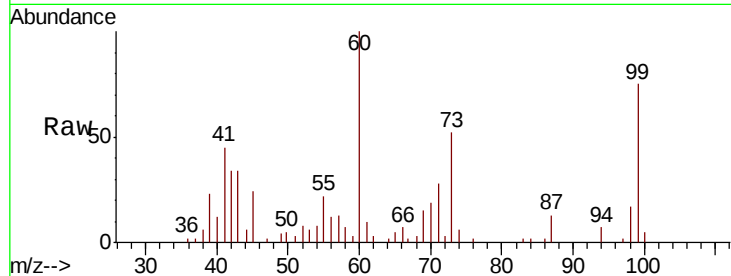
Tot Ion: 99 Resp: 13270

Ion Ratio Lower Upper

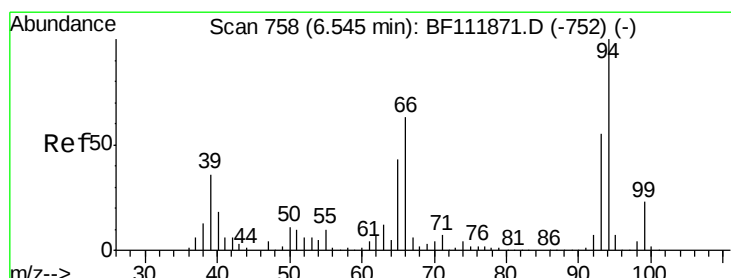
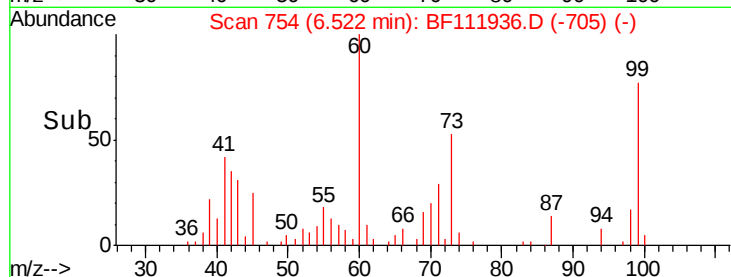
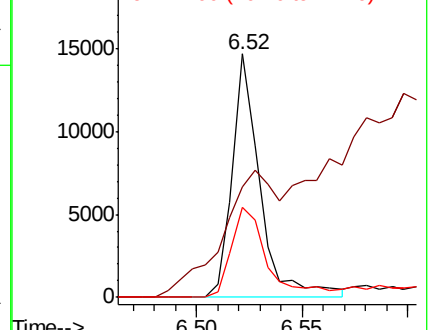
99 100

42 45.5 17.9 26.9#

71 37.2 28.7 43.1



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: 9.291 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

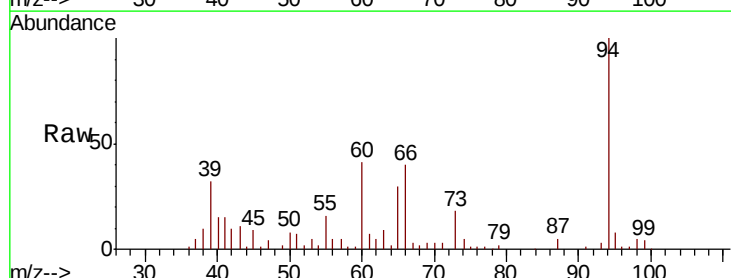
Tgt Ion: 94 Resp: 68053

Ion Ratio Lower Upper

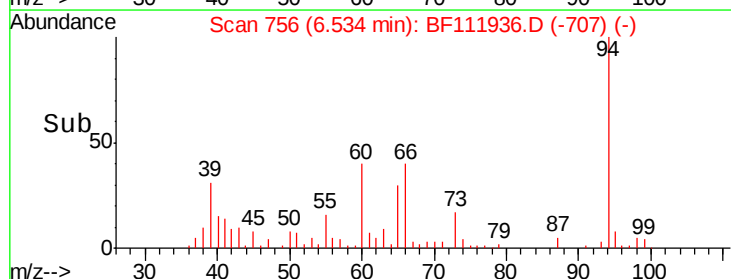
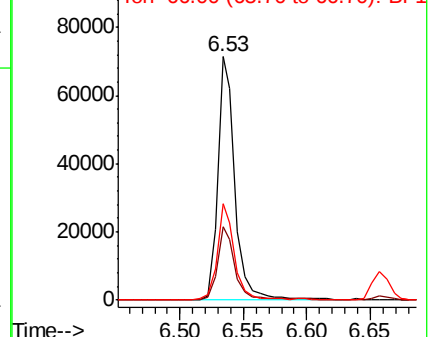
94 100

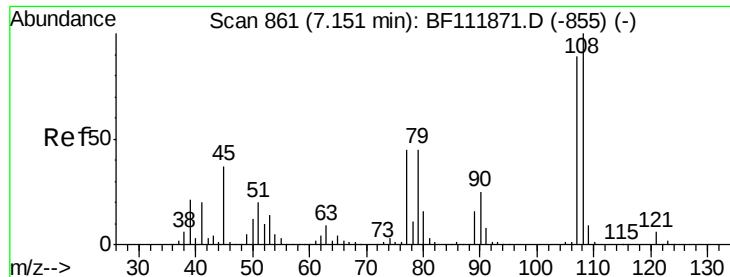
65 30.1 22.8 62.8

66 39.5 43.3 83.3#



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

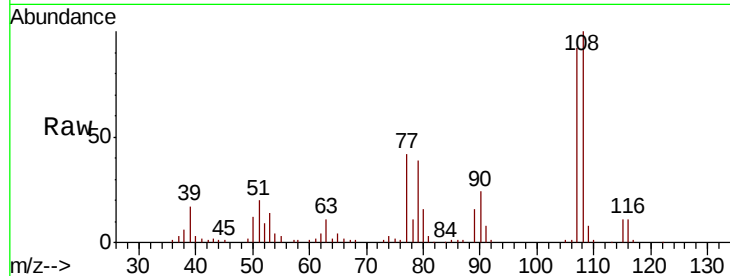




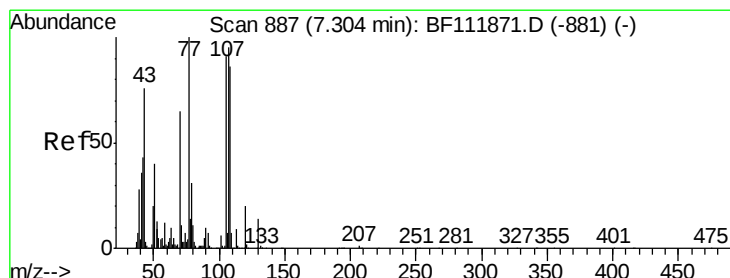
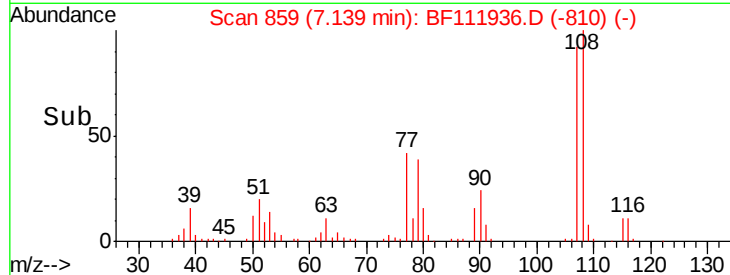
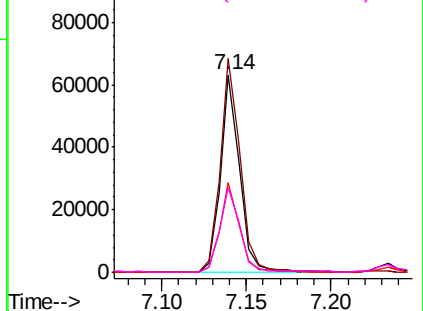
#17
2-Methylphenol
Concen: 10.681 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

Instrument :
BNA_F
ClientSampleId :
COMP-1-DRUMDL2

Tot Ion:107 Resp: 49838
Ion Ratio Lower Upper
107 100
108 108.3 89.7 134.5
77 45.2 40.6 60.8
79 42.6 40.2 60.2

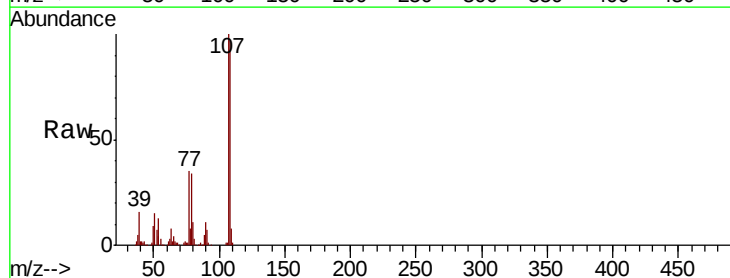


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

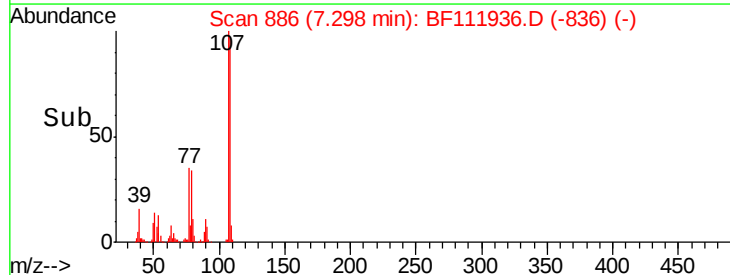
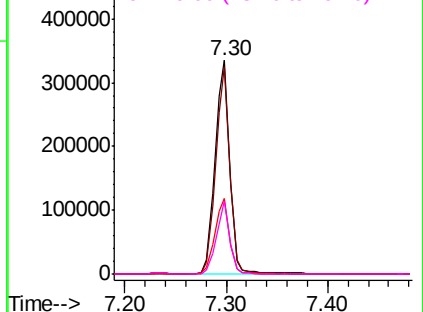


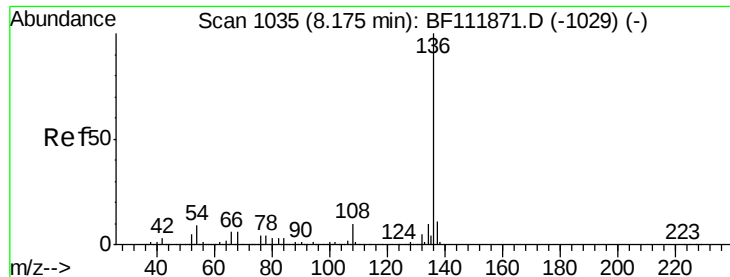
#20
3+4-Methylphenols
Concen: 58.215 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

Tgt Ion:107 Resp: 338079
Ion Ratio Lower Upper
107 100
108 97.0 71.1 111.1
77 35.1 85.4 125.4#
79 34.0 12.4 52.4



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-DRUMDL2

Tot Ion:136 Resp: 330470

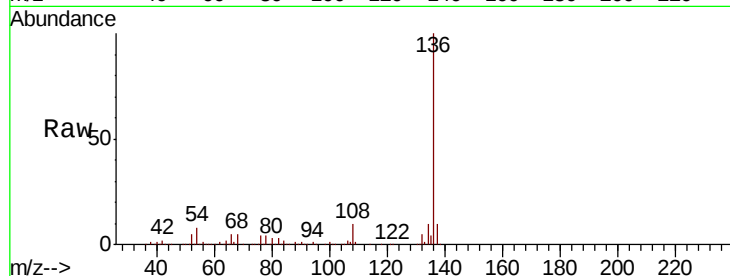
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 8.3 7.2 10.8

68 5.2 4.4 6.6

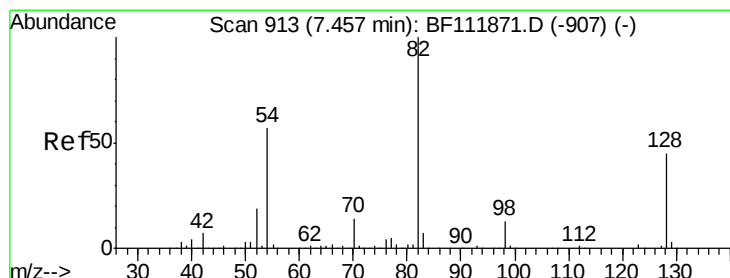
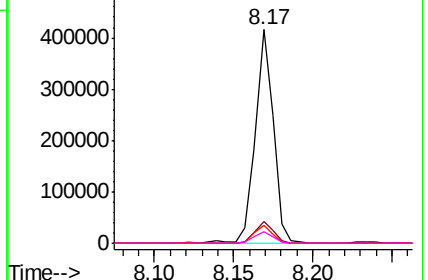
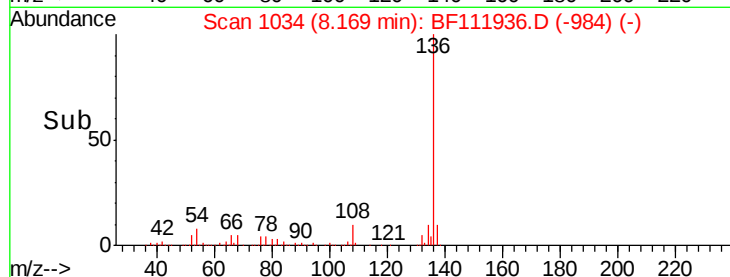


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.101 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

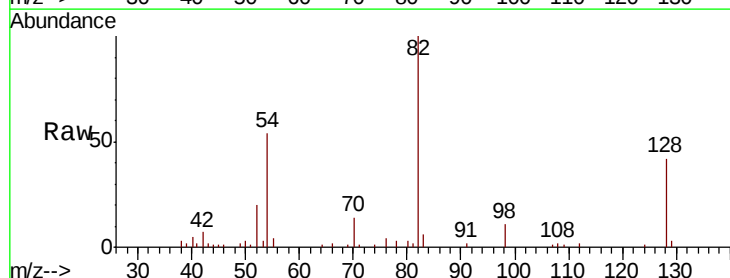
Tgt Ion: 82 Resp: 25360

Ion Ratio Lower Upper

82 100

128 41.9 35.7 53.5

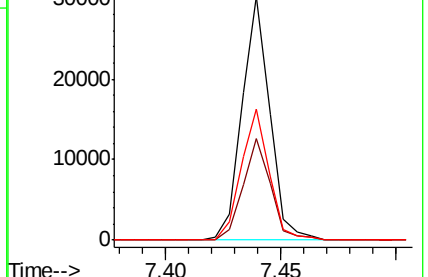
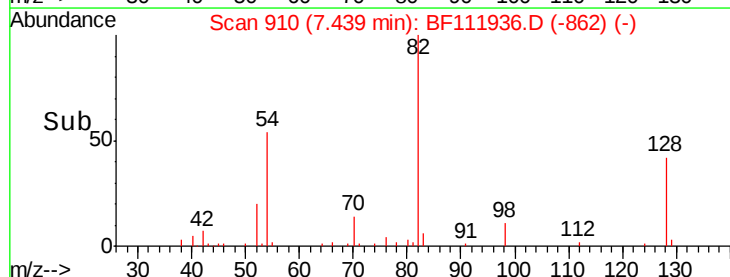
54 53.9 45.8 68.8

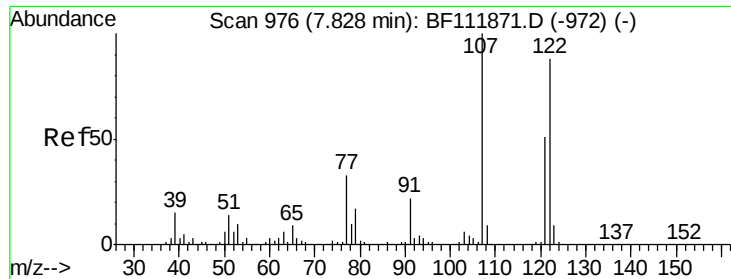


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

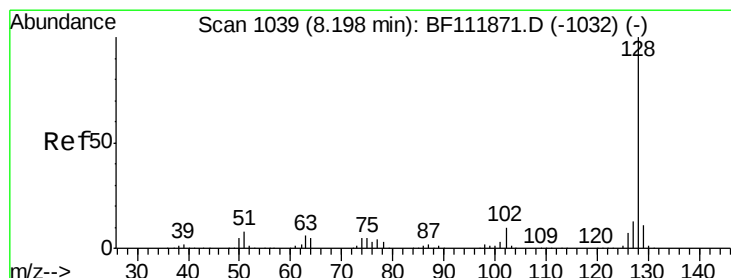
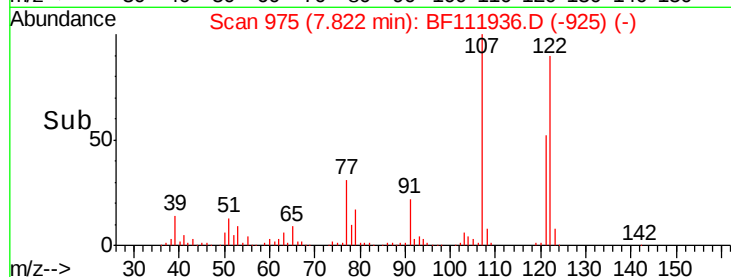
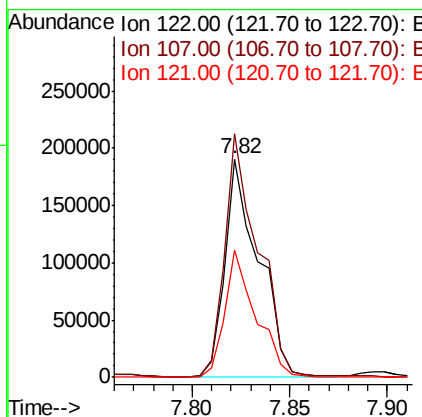
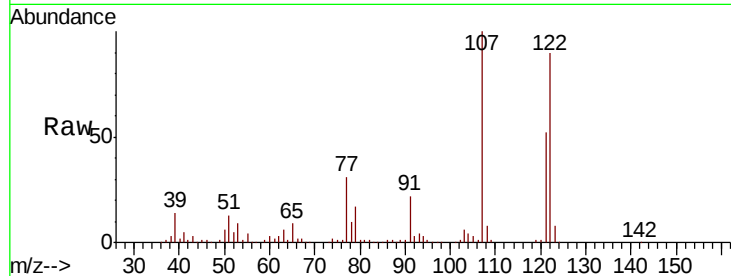




#27
2,4-Dimethylphenol
Concen: 51.558 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

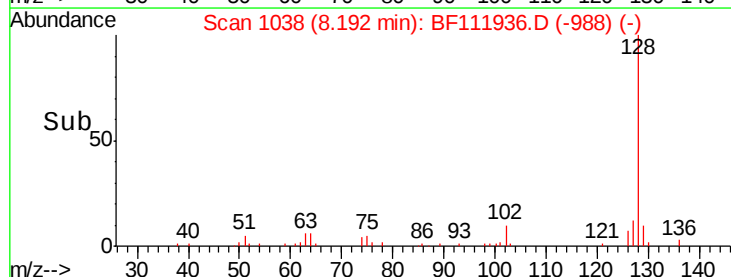
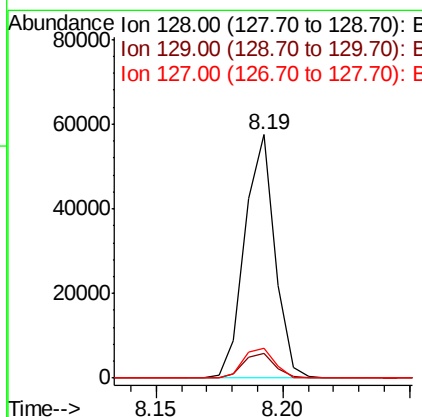
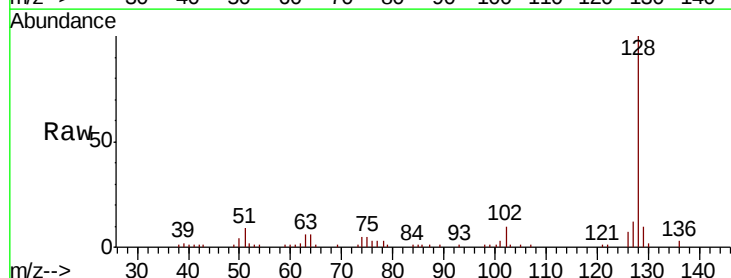
Instrument :
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COMP-1-DRUMDL2

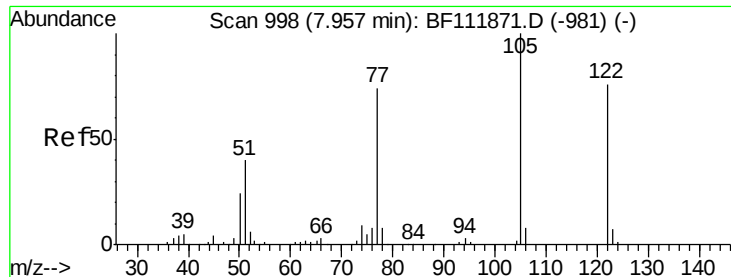
Tot Ion:122 Resp: 229593
Ion Ratio Lower Upper
122 100
107 111.5 91.0 136.6
121 58.2 46.8 70.2



#31
Naphthalene
Concen: 3.019 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

Tgt Ion:128 Resp: 47356
Ion Ratio Lower Upper
128 100
129 10.2 9.0 13.4
127 12.5 10.7 16.1

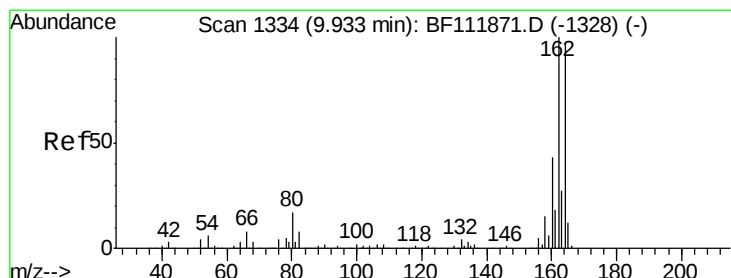
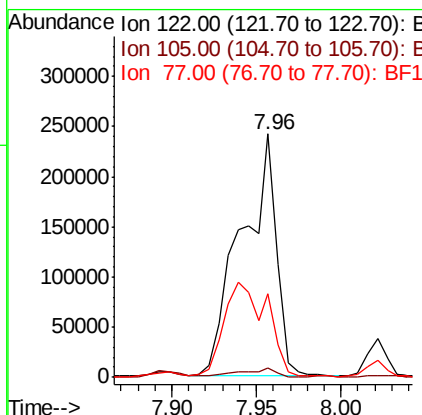
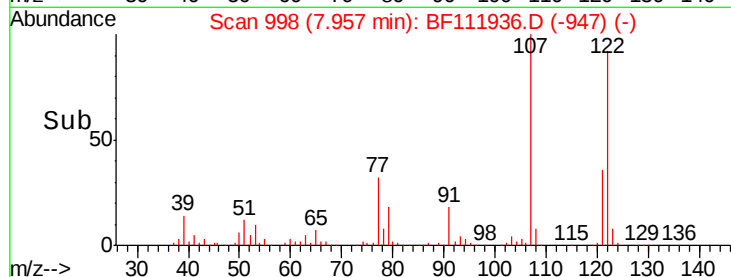
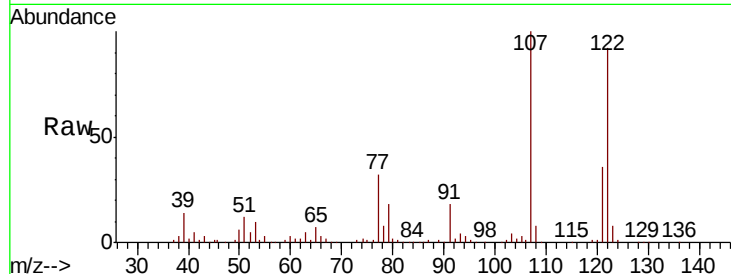




#32
Benzoic acid
Concen: 120.924 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

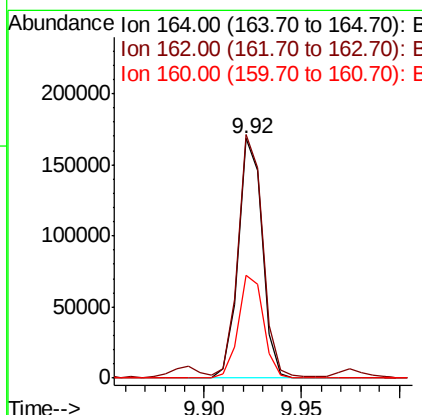
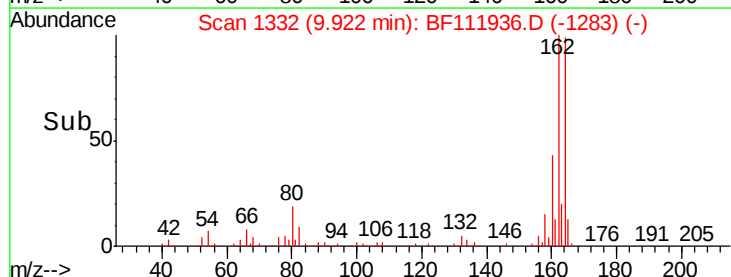
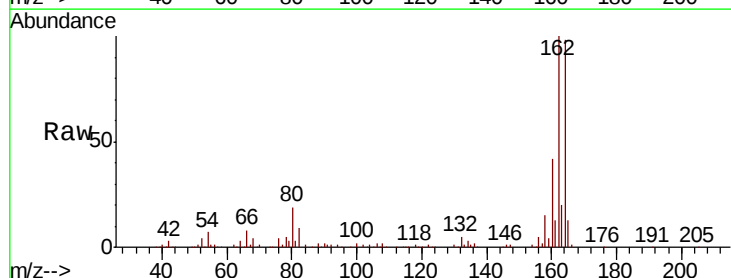
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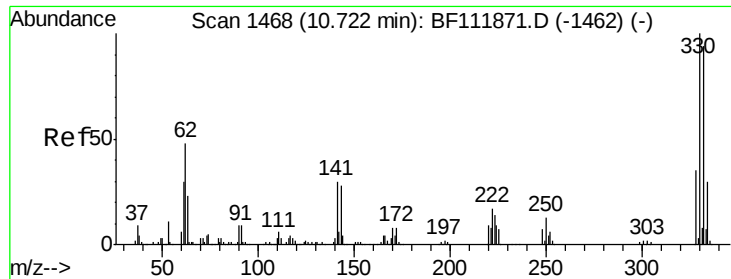
Tot Ion:122 Resp: 349442
Ion Ratio Lower Upper
122 100
105 3.8 107.9 147.9#
77 34.5 76.6 116.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

Tgt Ion:164 Resp: 143837
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 43.1 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 5.887 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-DRUMDL2

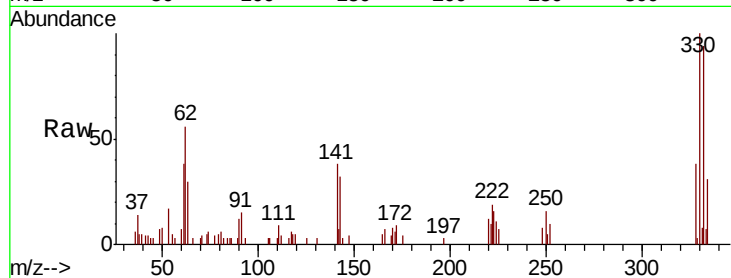
Tot Ion:330 Resp: 11014

Ion Ratio Lower Upper

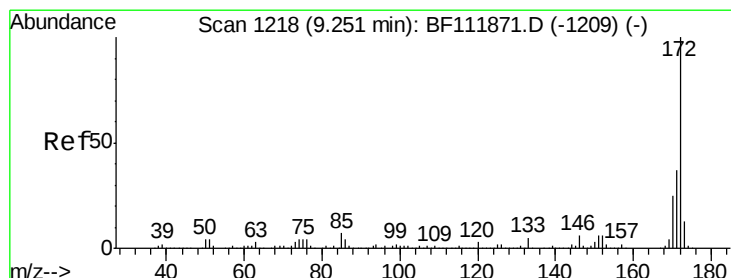
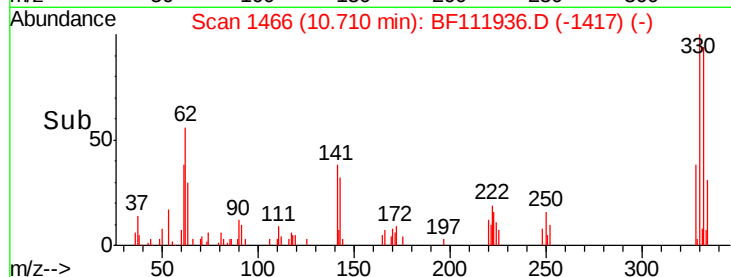
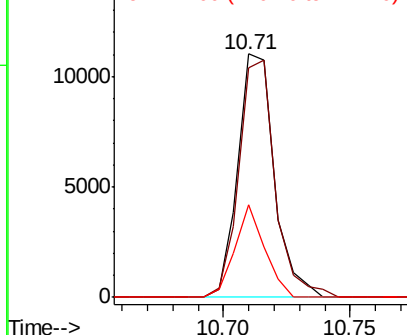
330 100

332 96.6 76.9 115.3

141 31.0 23.7 35.5



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: 5.164 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

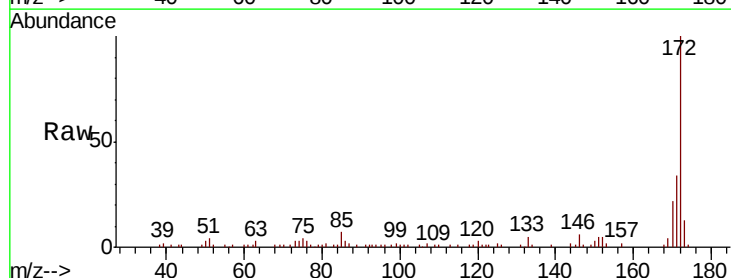
Tgt Ion:172 Resp: 50937

Ion Ratio Lower Upper

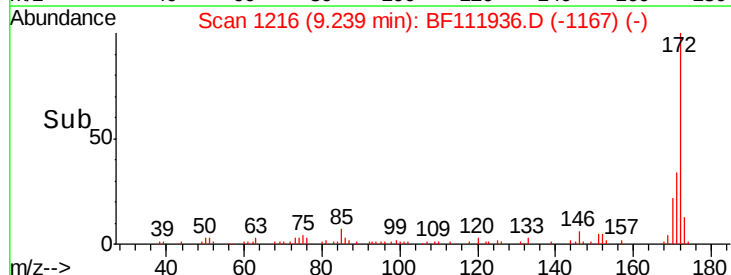
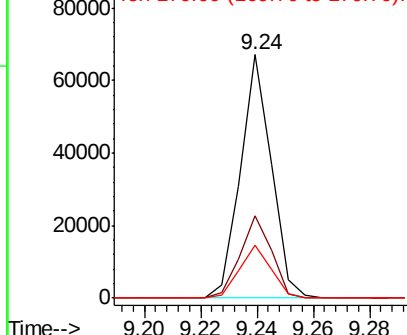
172 100

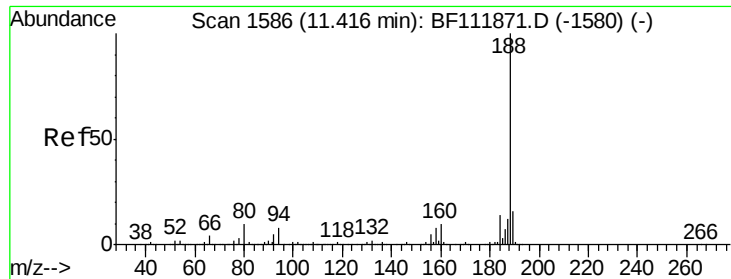
171 34.1 29.6 44.4

170 21.7 19.8 29.8



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

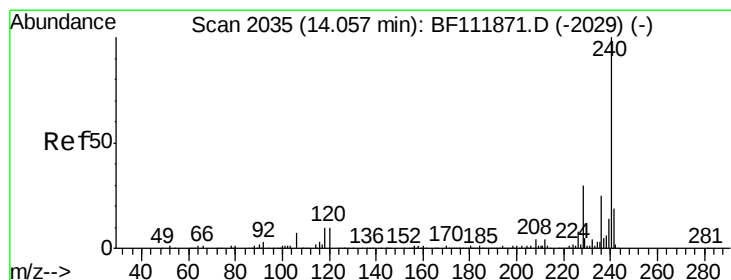
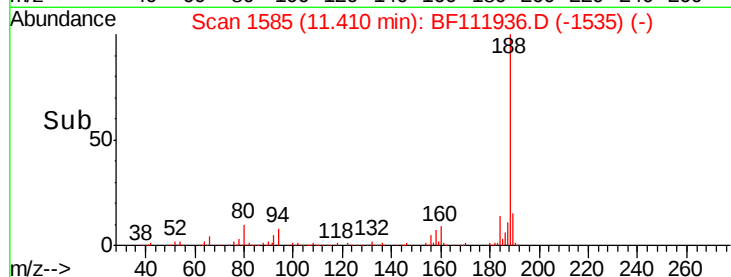
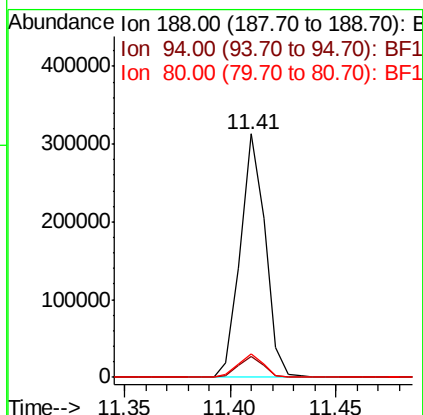
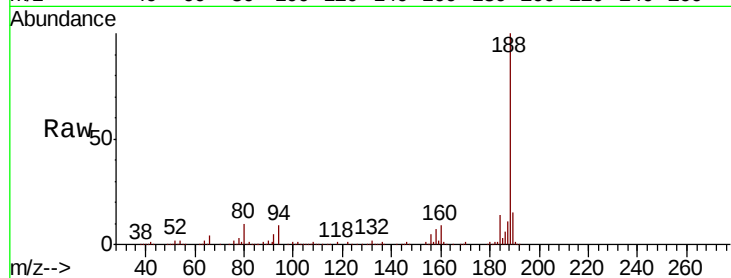




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

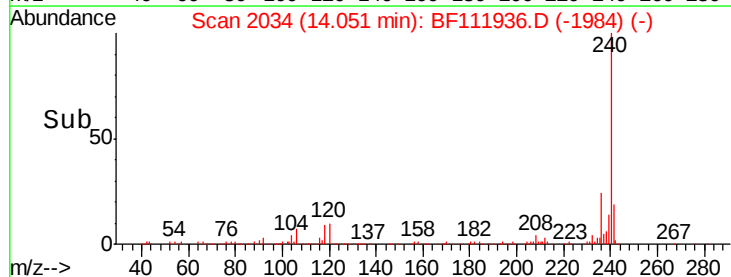
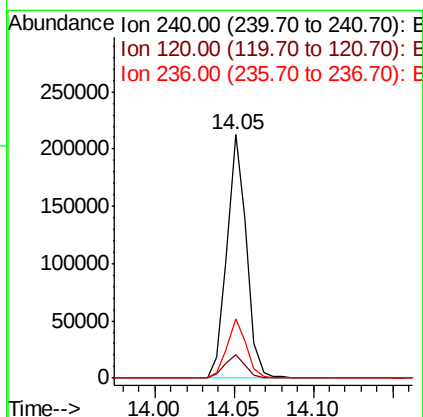
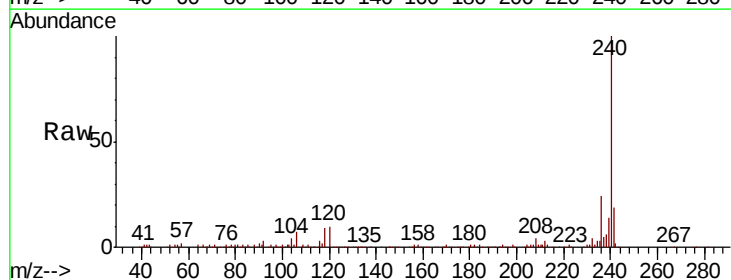
Instrument :
BNA_F
ClientSampleId :
COMP-1-DRUMDL2

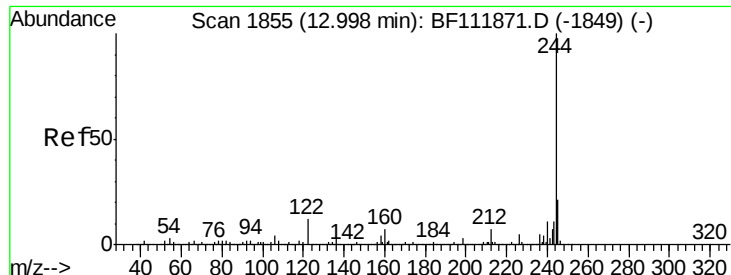
Tot Ion:188 Resp: 256944
Ion Ratio Lower Upper
188 100
94 8.6 6.6 10.0
80 9.8 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF111936.D
Acq: 9 Jan 2019 7:40

Tgt Ion:240 Resp: 180195
Ion Ratio Lower Upper
240 100
120 9.7 8.2 12.2
236 24.5 20.2 30.4





#79

Terphenyl-d14

Concen: 5.733 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

Instrument :

BNA_F

ClientSampleId :

COMP-1-DRUMDL2

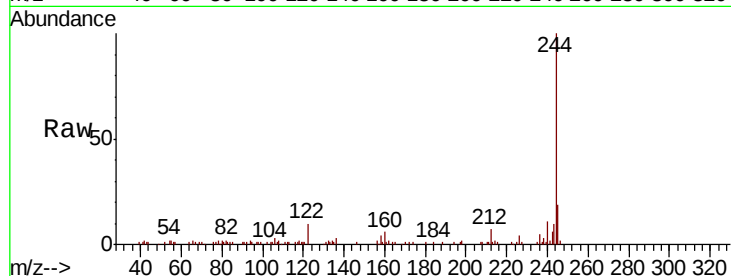
Tot Ion:244 Resp: 54418

Ion Ratio Lower Upper

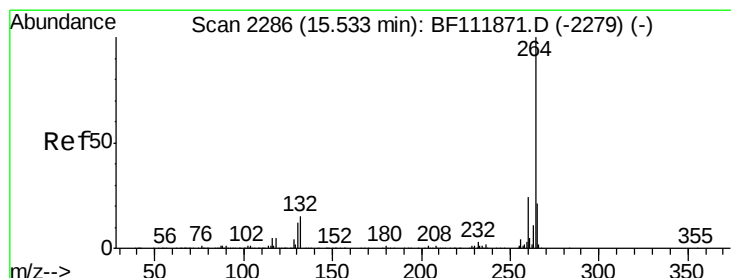
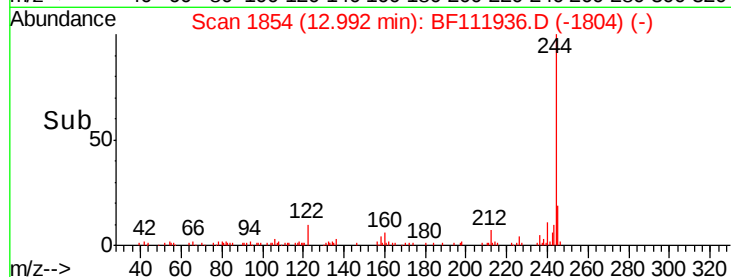
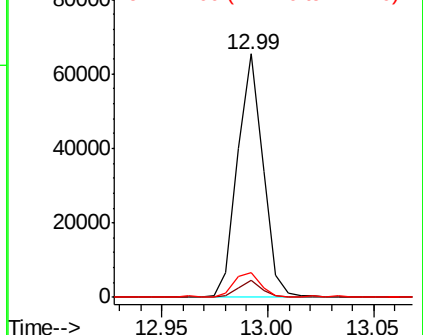
244 100

212 7.2 5.8 8.8

122 10.0 9.5 14.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. 0.01 min

Lab File: BF111936.D

Acq: 9 Jan 2019 7:40

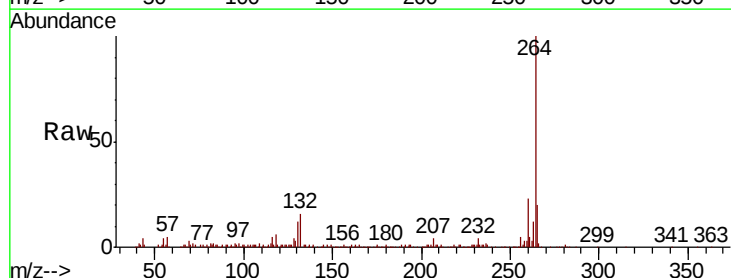
Tgt Ion:264 Resp: 166954

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.2 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

