

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085326.D
 Acq On : 10 Mar 2016 4:14
 Operator : UM/SJ
 Sample : H1699-05RE 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

Quant Time: Mar 10 05:37:16 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

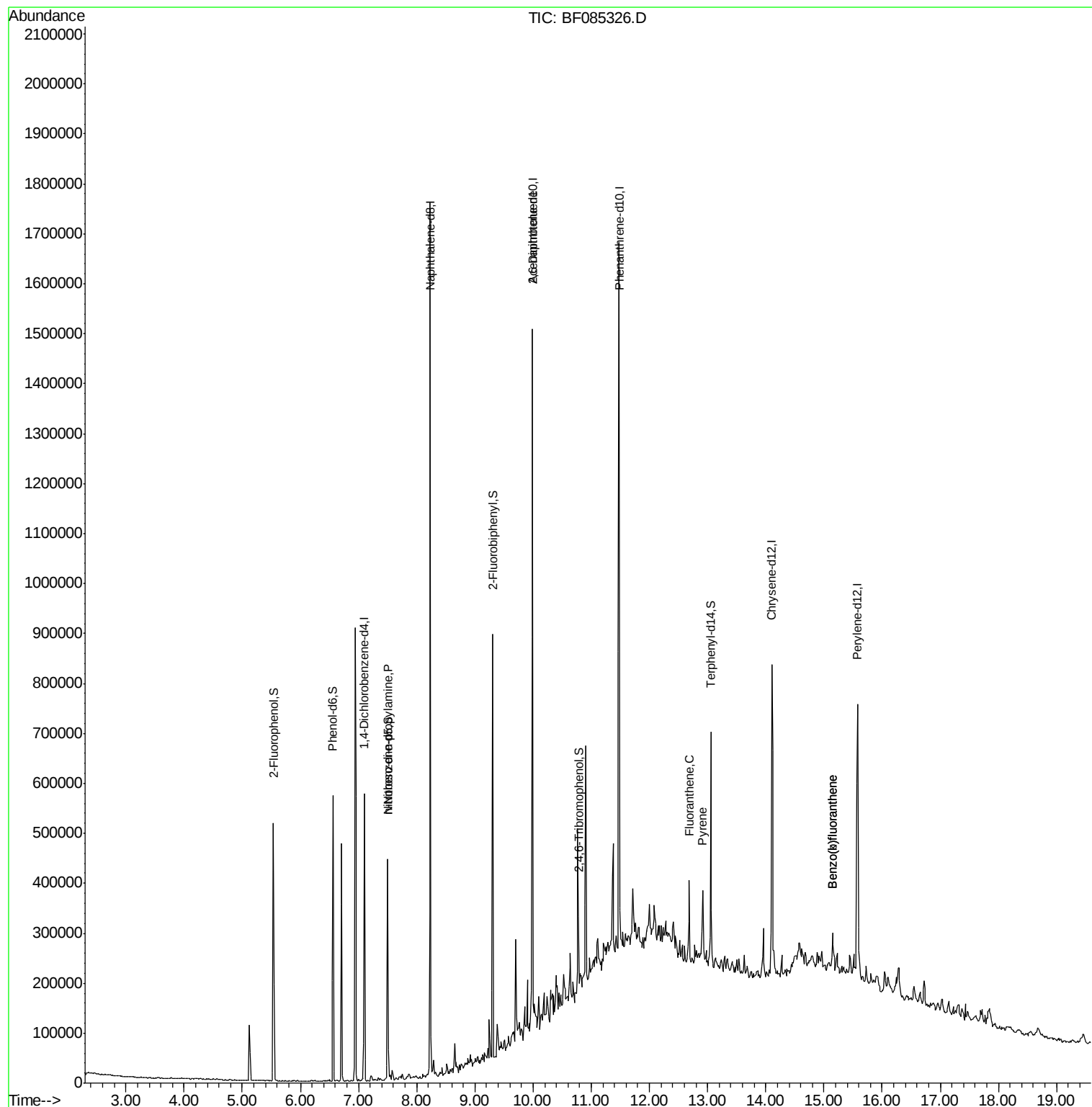
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.10	152	78680	20.00	ng	0.11
21) Naphthalene-d8	8.23	136	735411	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	324803	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	568266	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	267258	20.00	ng	-0.05
86) Perylene-d12	15.58	264	277120	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	153892	32.81	ng	-0.05
7) Phenol-d6	6.56	99	216958	35.30	ng	-0.05
23) Nitrobenzene-d5	7.50	82	129322	9.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	35307	12.70	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	239170	11.20	ng	-0.05
78) Terphenyl-d14	13.05	244	131278	11.40	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.71	77	4158	Below Cal		Qvalue 85
19) n-Nitroso-di-n-propylamine	7.50	70	18798	4.69 ng	#	82
50) 2,6-Dinitrotoluene	9.99	165	43186	8.10 ng	#	26
74) Fluoranthene	12.69	202	72202	2.42 ng		93
77) Pyrene	12.92	202	66629	3.31 ng		97
87) Benzo(b)fluoranthene	15.15	252	42897	2.32 ng	#	89
88) Benzo(k)fluoranthene	15.15	252	42911	2.88 ng	#	88

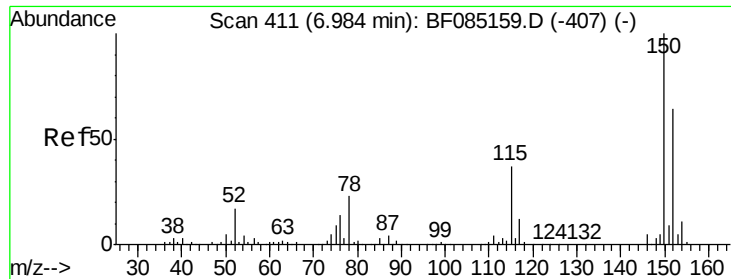
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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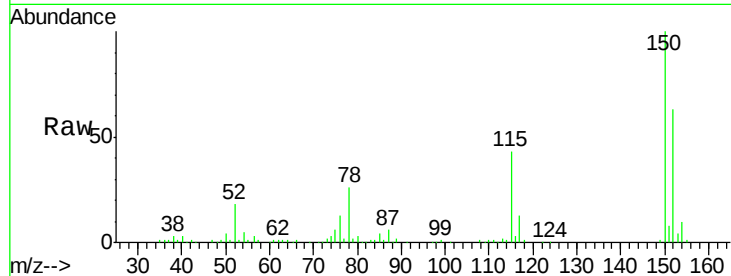


#1

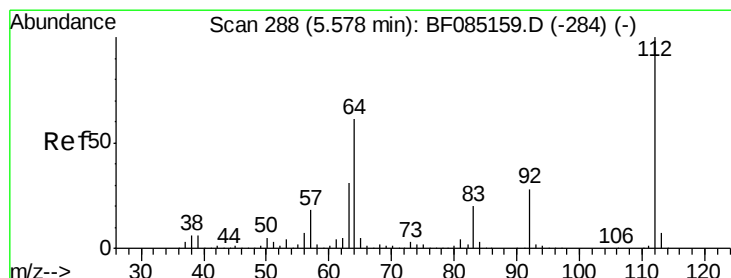
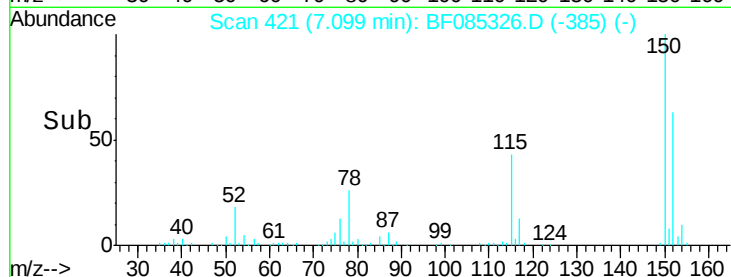
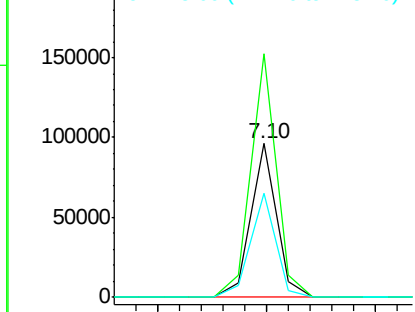
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.10 min Scan# 421
Delta R.T. 0.11 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Tgt Ion:152 Resp: 78680
Ion Ratio Lower Upper
152 100
150 158.6 124.6 186.8
115 67.8 46.6 70.0



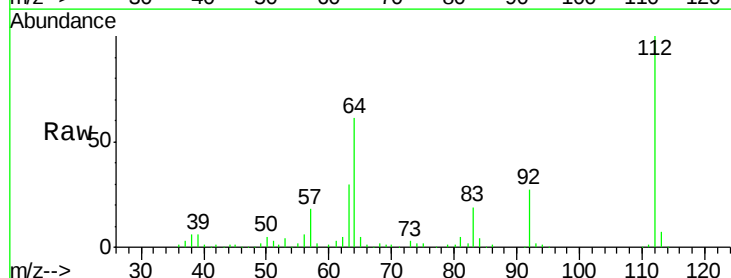
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



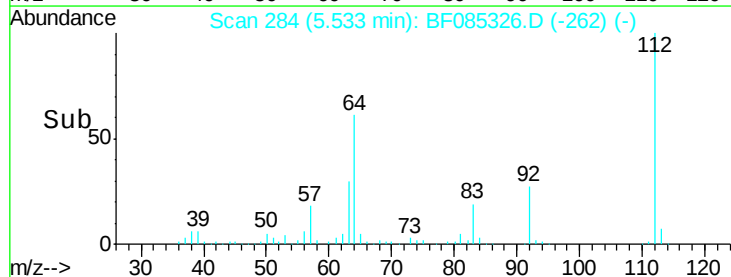
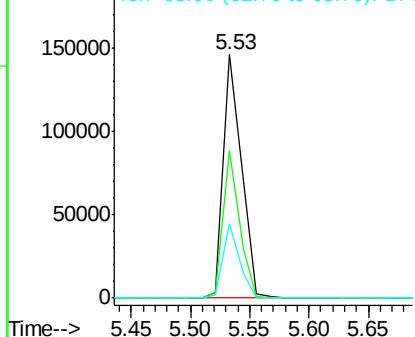
#5

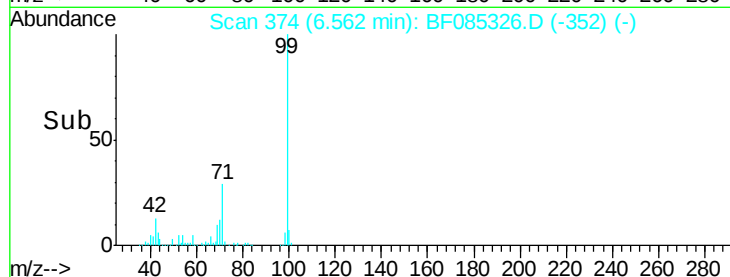
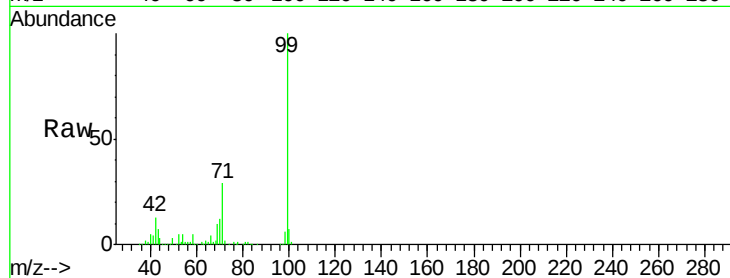
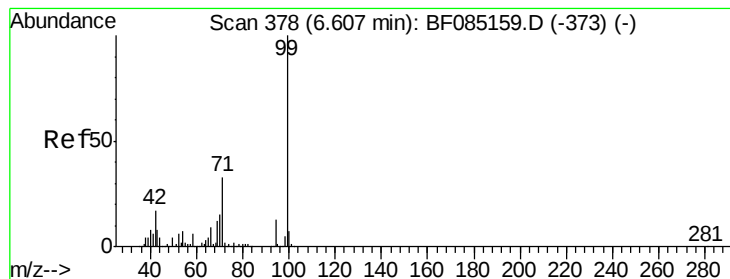
2-Fluorophenol
Concen: 32.81 ng
RT: 5.53 min Scan# 284
Delta R.T. -0.05 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion:112 Resp: 153892
Ion Ratio Lower Upper
112 100
64 60.8 49.0 73.4
63 30.5 24.8 37.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.30 ng

RT: 6.56 min Scan# 374

Delta R.T. -0.05 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

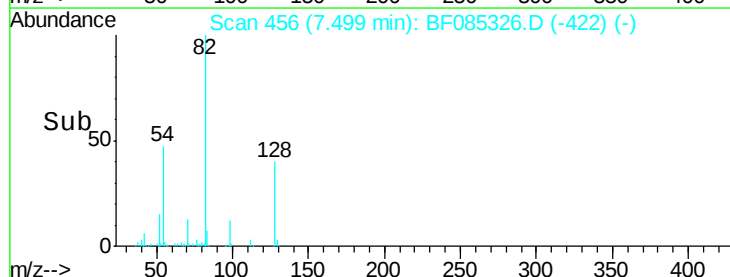
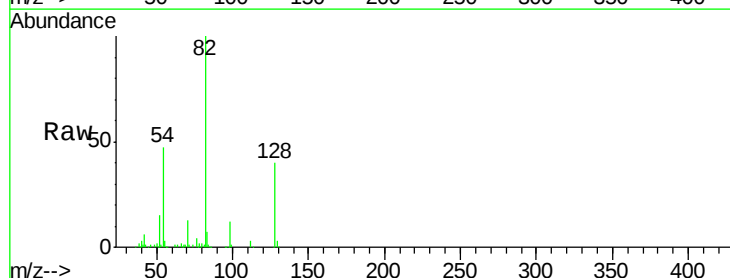
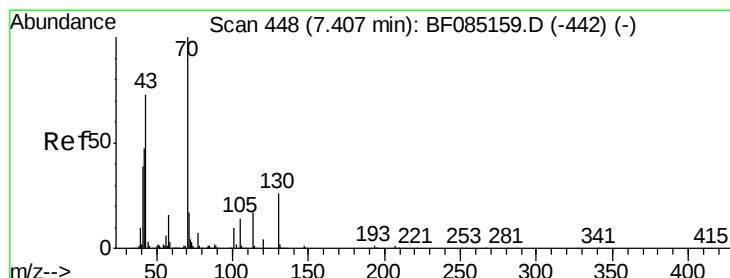
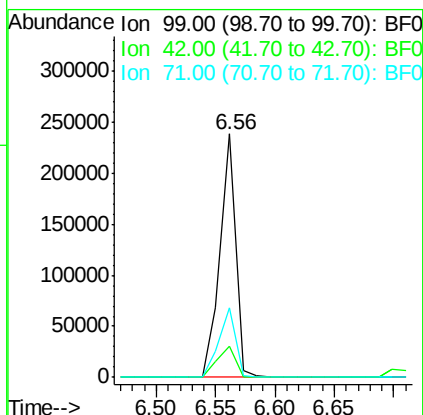
Tgt Ion: 99 Resp: 216958

Ion Ratio Lower Upper

99 100

42 12.7 13.6 20.4#

71 28.8 26.7 40.1



#19

n-Nitroso-di-n-propylamine

Concen: 4.69 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.09 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Tgt Ion: 70 Resp: 18798

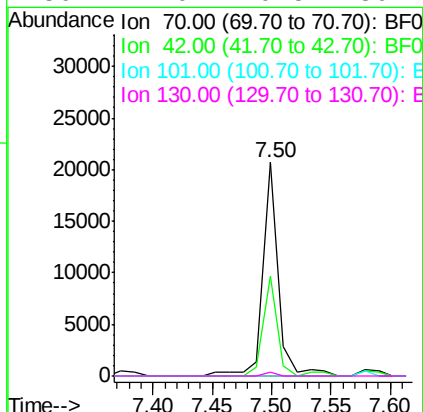
Ion Ratio Lower Upper

70 100

42 46.6 37.7 56.5

101 0.0 8.2 12.4#

130 2.0 20.5 30.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

Tgt Ion:136 Resp: 735411

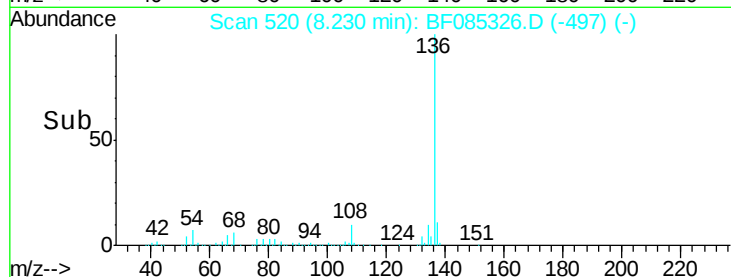
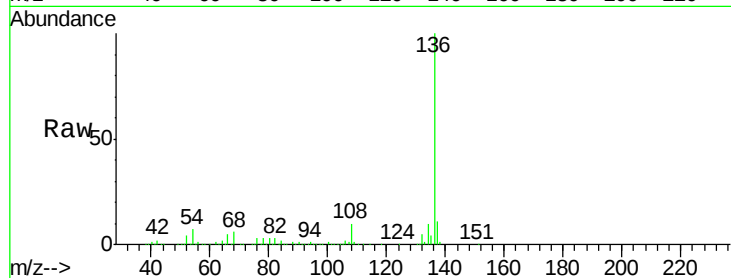
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 6.9 7.4 11.2#

68 5.9 6.0 9.0#

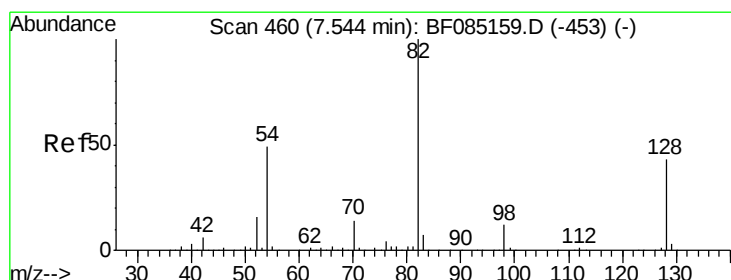
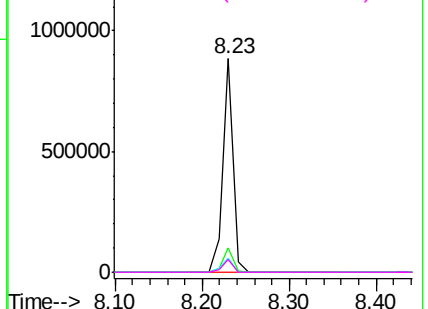


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 9.41 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.05 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

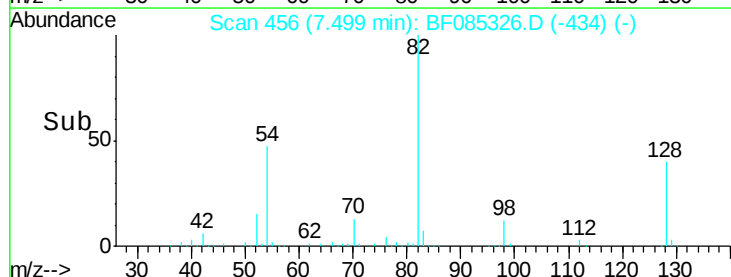
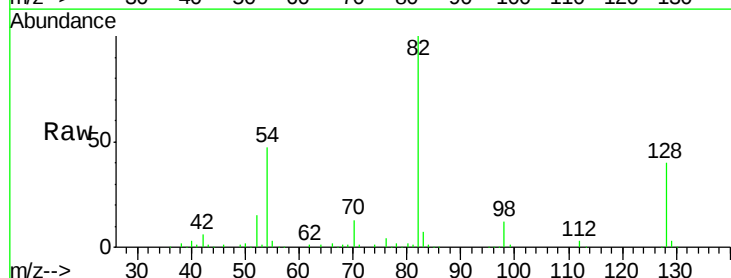
Tgt Ion: 82 Resp: 129322

Ion Ratio Lower Upper

82 100

128 39.6 34.5 51.7

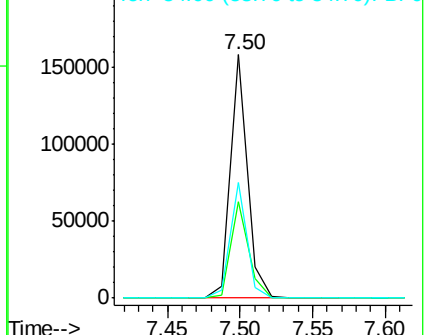
54 47.4 39.3 58.9

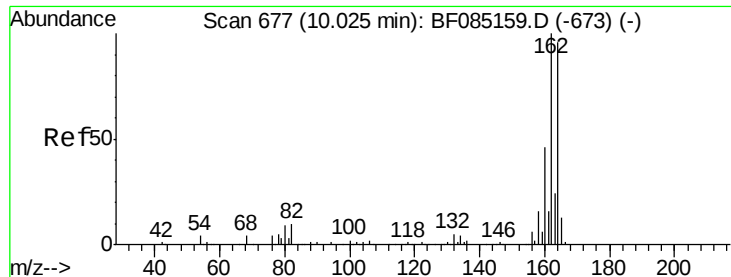


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

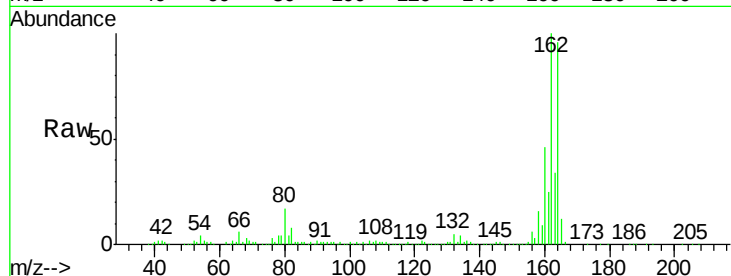




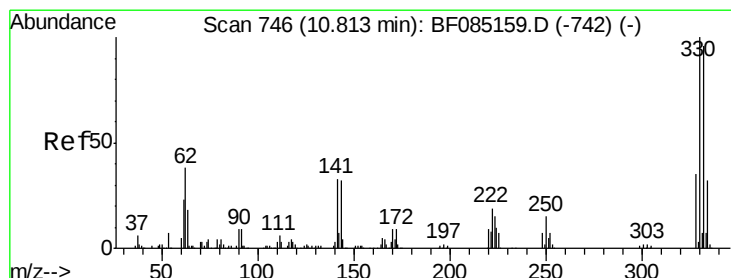
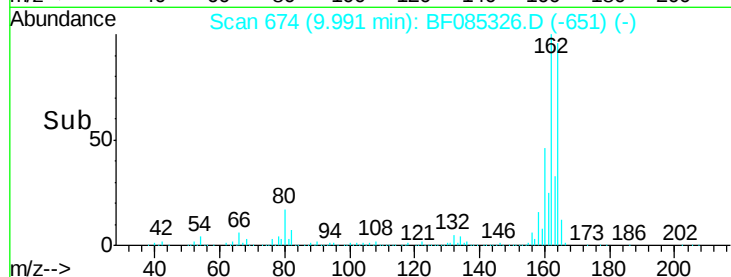
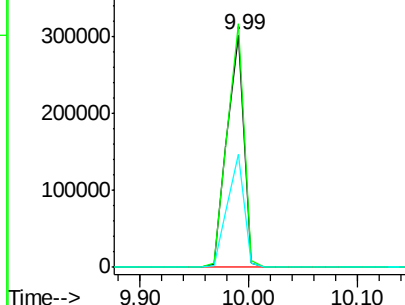
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 674
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

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BNA_F
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WASTECHAR(COMPOSITE)

Tgt Ion:164 Resp: 324803
Ion Ratio Lower Upper
164 100
162 104.6 83.3 124.9
160 48.6 37.9 56.9

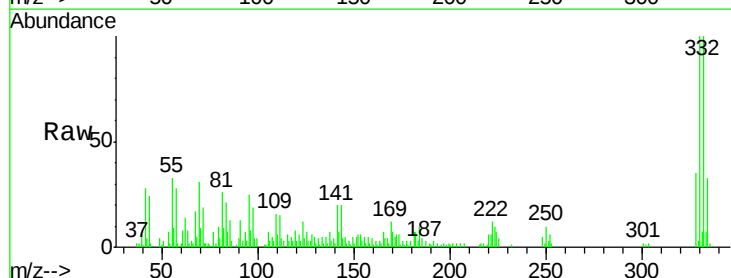


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

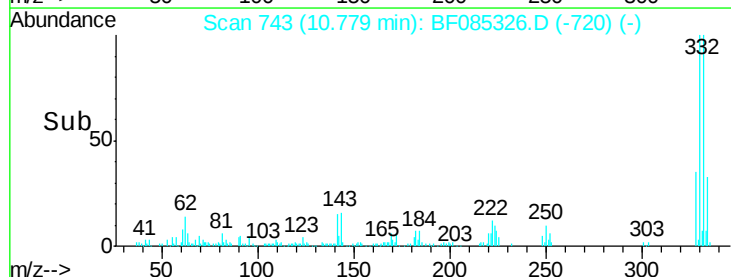
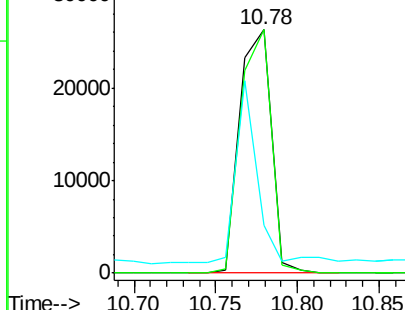


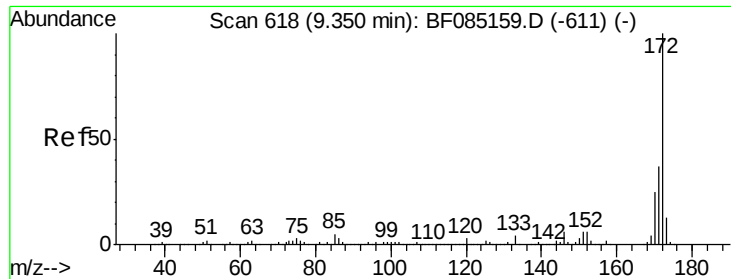
#41
2,4,6-Tribromophenol
Concen: 12.70 ng
RT: 10.78 min Scan# 743
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion:330 Resp: 35307
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 51.1 35.0 52.6



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

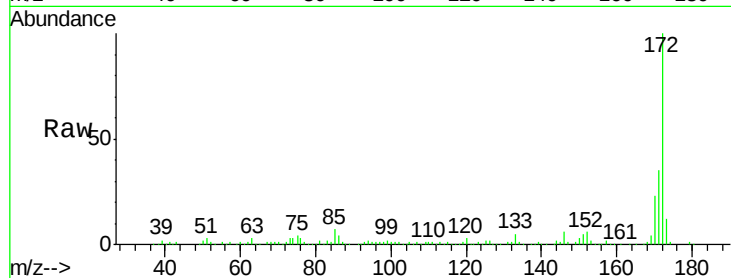




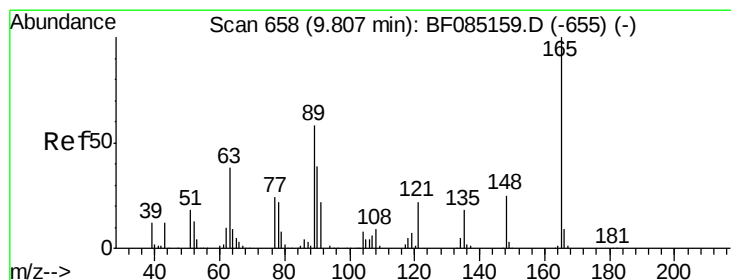
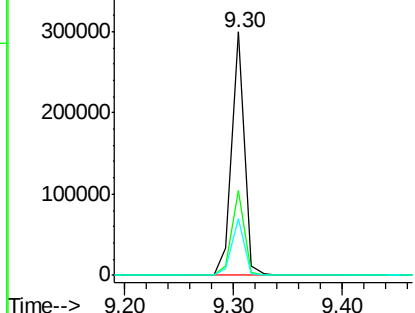
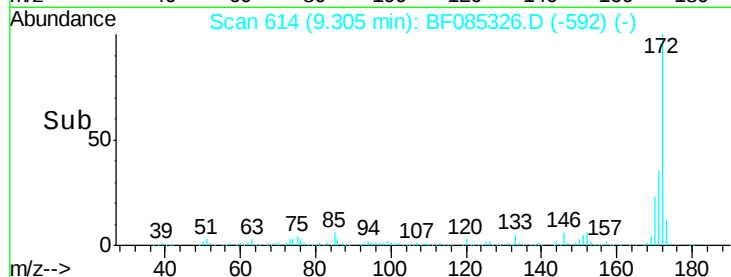
#44
 2-Fluorobiphenyl
 Concen: 11.20 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Instrument :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.3	43.9
170	23.2	20.0	30.0

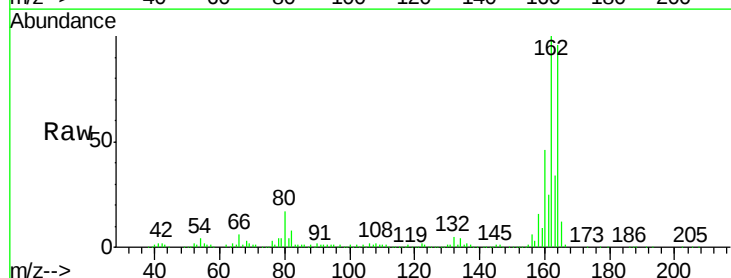


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

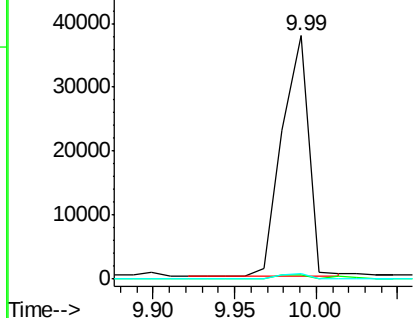
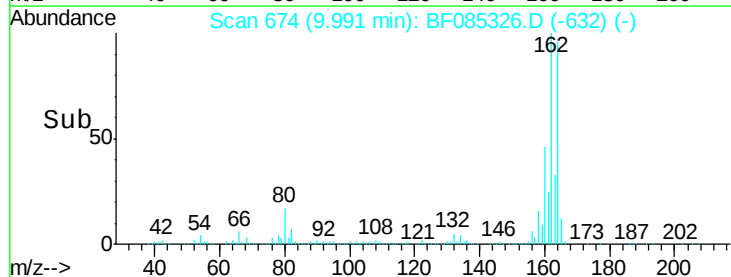


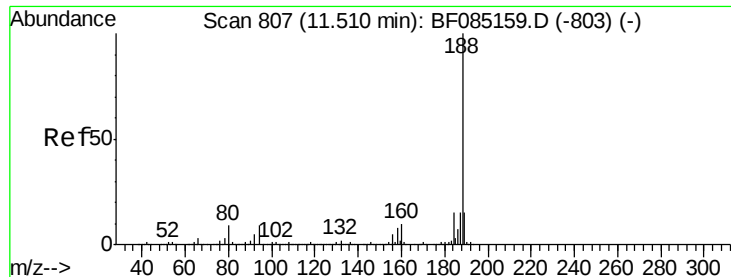
#50
 2,6-Dinitrotoluene
 Concen: 8.10 ng
 RT: 9.99 min Scan# 674
 Delta R.T. 0.18 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	41.8	62.8#
89	2.2	46.7	70.1#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.48 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Instrument :

BNA_F

ClientSampleId :

WASTECHAR(COMPOSITE)

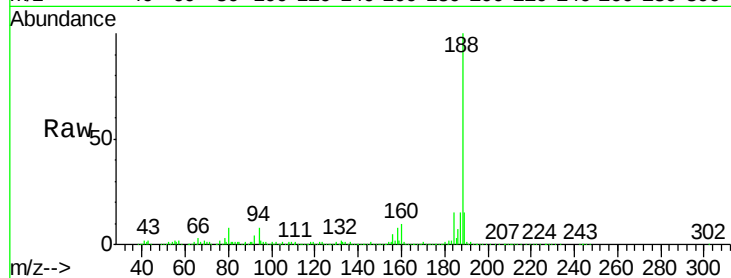
Tgt Ion:188 Resp: 568266

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.6

80 8.2 7.4 11.0

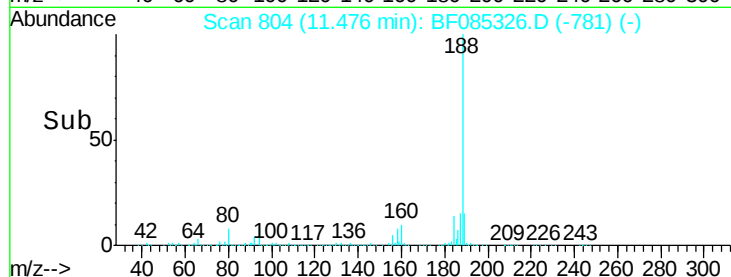


Abundance Ion 188.00 (187.70 to 188.70): E

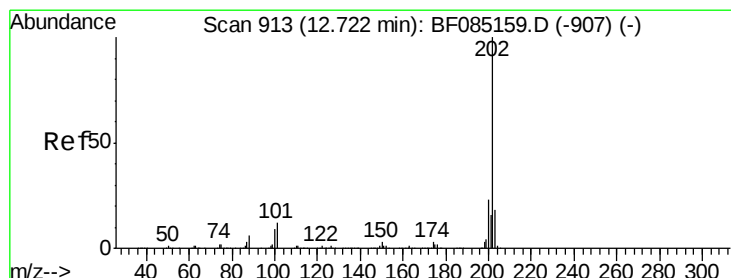
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

11.48



Time--> 11.40 11.45 11.50



#74

Fluoranthene

Concen: 2.42 ng

RT: 12.69 min Scan# 910

Delta R.T. -0.03 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

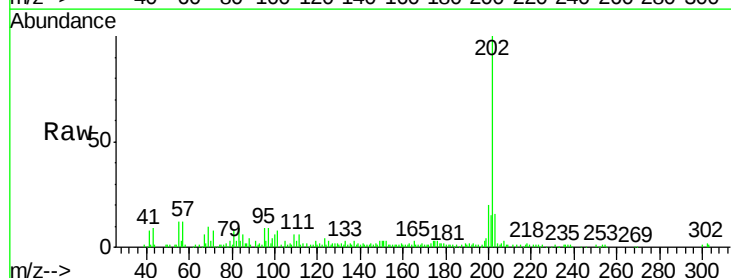
Tgt Ion:202 Resp: 72202

Ion Ratio Lower Upper

202 100

101 8.0 0.0 31.8

203 16.4 0.0 38.4

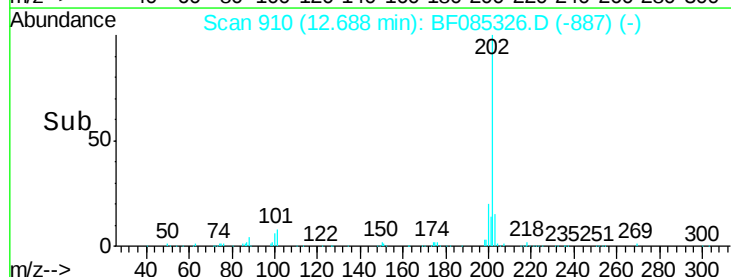


Abundance Ion 202.00 (201.70 to 202.70): E

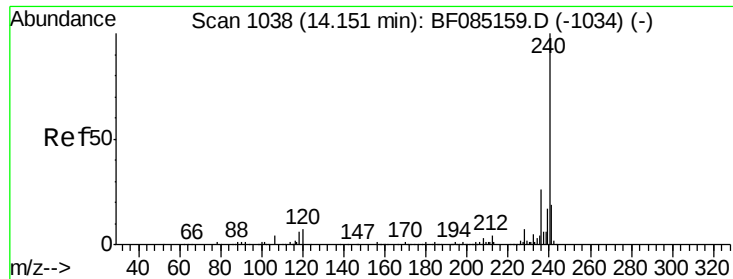
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.69



Time--> 12.65 12.70



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

Instrument :

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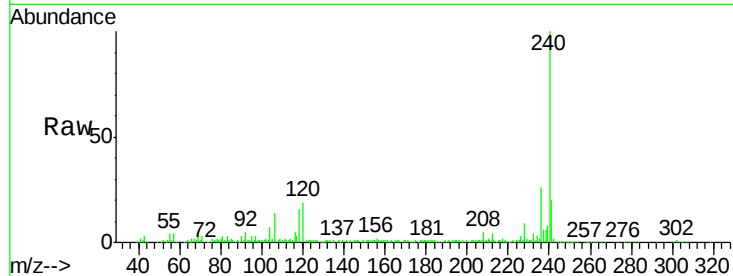
Tgt Ion:240 Resp: 267258

Ion Ratio Lower Upper

240 100

120 18.7 5.3 7.9#

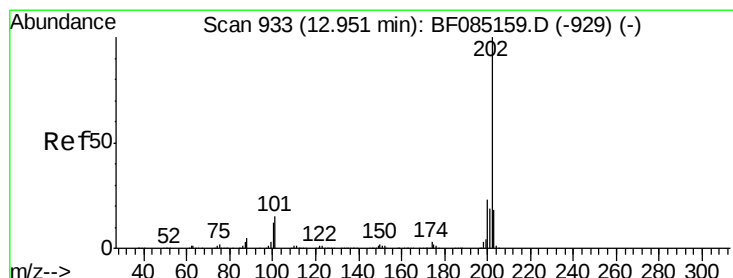
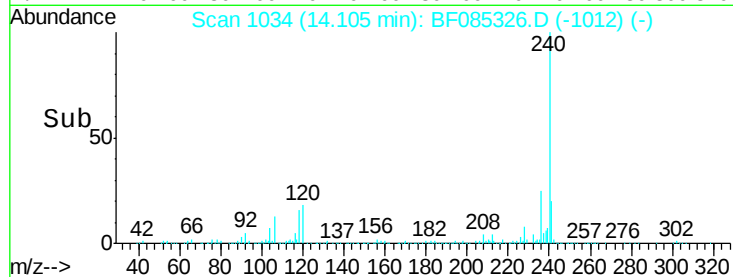
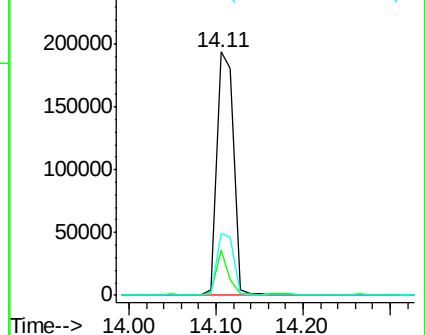
236 25.5 20.7 31.1



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



#77

Pyrene

Concen: 3.31 ng

RT: 12.92 min Scan# 930

Delta R.T. -0.03 min

Lab File: BF085326.D

Acq: 10 Mar 2016 4:14

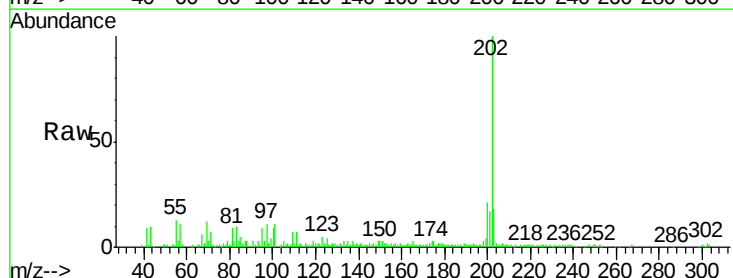
Tgt Ion:202 Resp: 66629

Ion Ratio Lower Upper

202 100

200 20.7 18.2 27.4

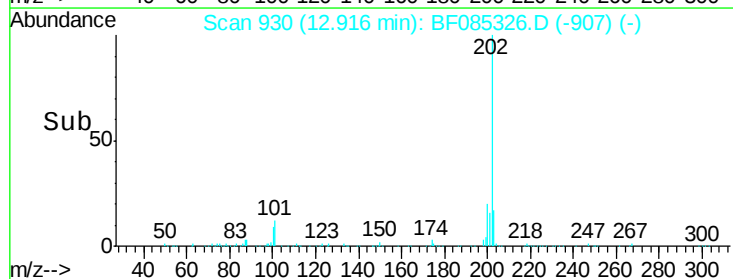
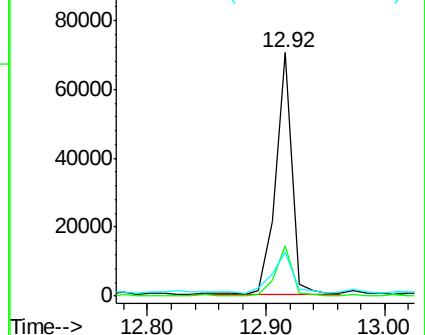
203 18.2 14.7 22.1

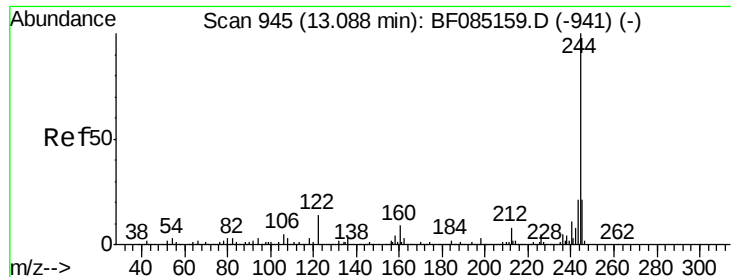


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

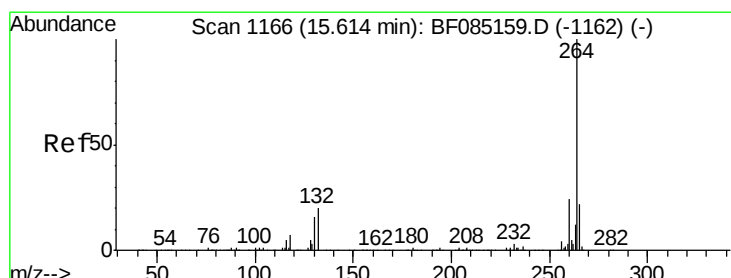
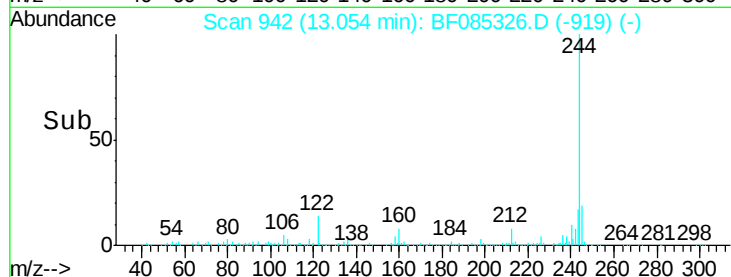
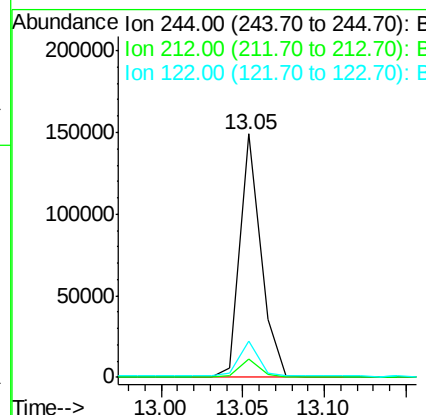
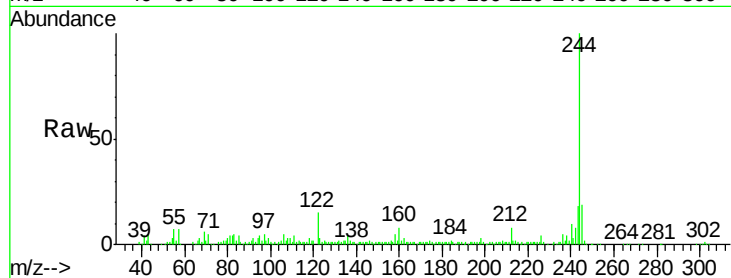




#78
 Terphenyl-d14
 Concen: 11.40 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

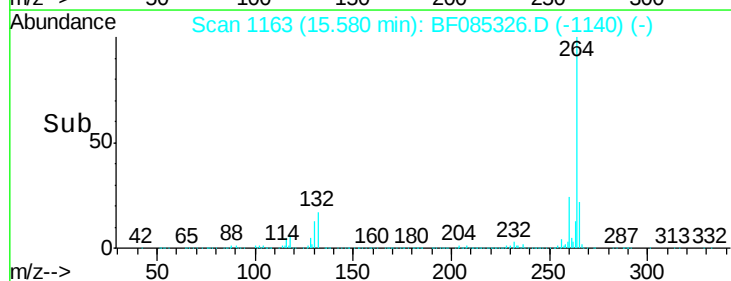
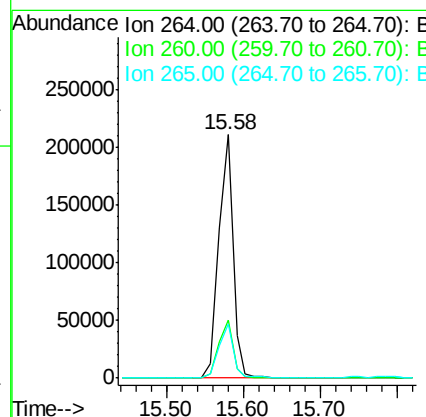
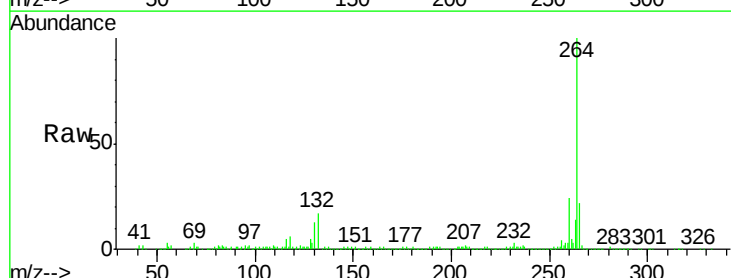
Instrument :
 BNA_F
 ClientSampleId :
 WASTECHAR(COMPOSITE)

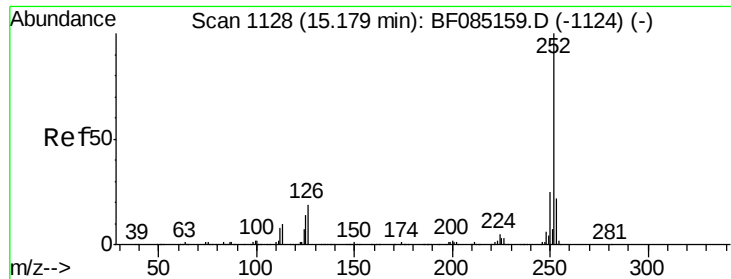
Tgt Ion:244 Resp: 131278
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.4 9.6
 122 14.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1163
 Delta R.T. -0.03 min
 Lab File: BF085326.D
 Acq: 10 Mar 2016 4:14

Tgt Ion:264 Resp: 277120
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 22.1 17.3 25.9

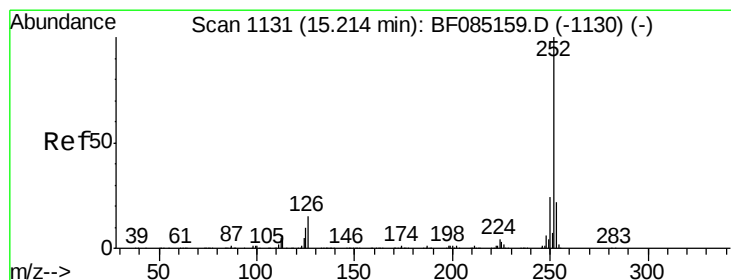
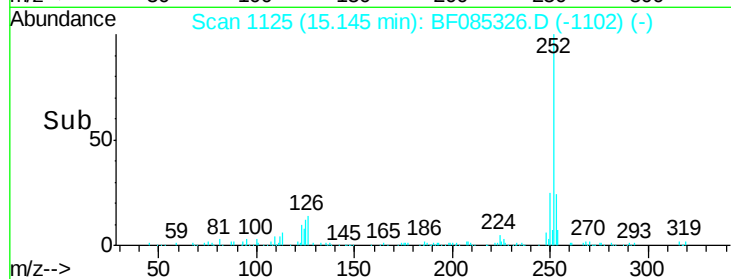
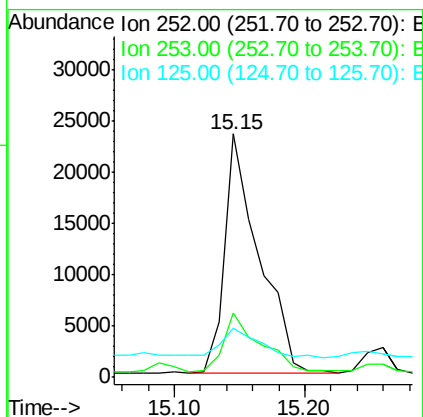
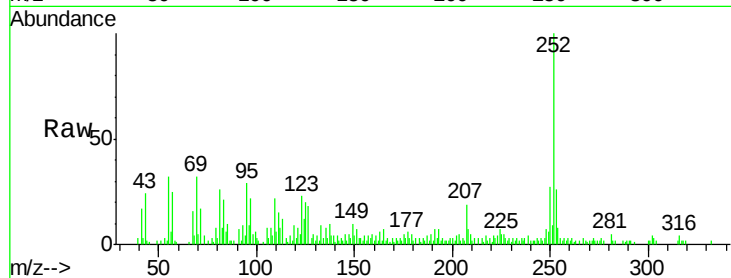




#87
Benzo(b)fluoranthene
Concen: 2.32 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Instrument :
BNA_F
ClientSampleId :
WASTECHAR(COMPOSITE)

Tgt Ion:252 Resp: 42897
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 20.3 11.3 16.9#



#88
Benzo(k)fluoranthene
Concen: 2.88 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.07 min
Lab File: BF085326.D
Acq: 10 Mar 2016 4:14

Tgt Ion:252 Resp: 42911
Ion Ratio Lower Upper
252 100
253 26.5 17.8 26.6
125 20.3 10.4 15.6#

