

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
 Data File : BF089773.D
 Acq On : 17 Aug 2016 19:53
 Operator : UM/SJ
 Sample : H4383-02
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-080416

Manual Integrations
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Quant Time: Aug 18 09:11:33 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	760059m	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2999645m	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1457369	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2538298	20.00	ng	0.00
75) Chrysene-d12	13.85	240	2181967	20.00	ng	-0.05
86) Perylene-d12	15.29	264	2004576	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2015135	44.24	ng	0.00
7) Phenol-d6	6.33	99	2559542	44.17	ng	0.00
23) Nitrobenzene-d5	7.27	82	3178368	64.70	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1586098	112.50	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	6311260	69.49	ng	0.00
78) Terphenyl-d14	12.81	244	5853663	80.15	ng	0.00
Target Compounds						
37) 2-Methylnaphthalene	8.70	142	322477m	3.52	ng	Qvalue
49) Dimethylphthalate	9.46	163	305816	2.90	ng	99

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

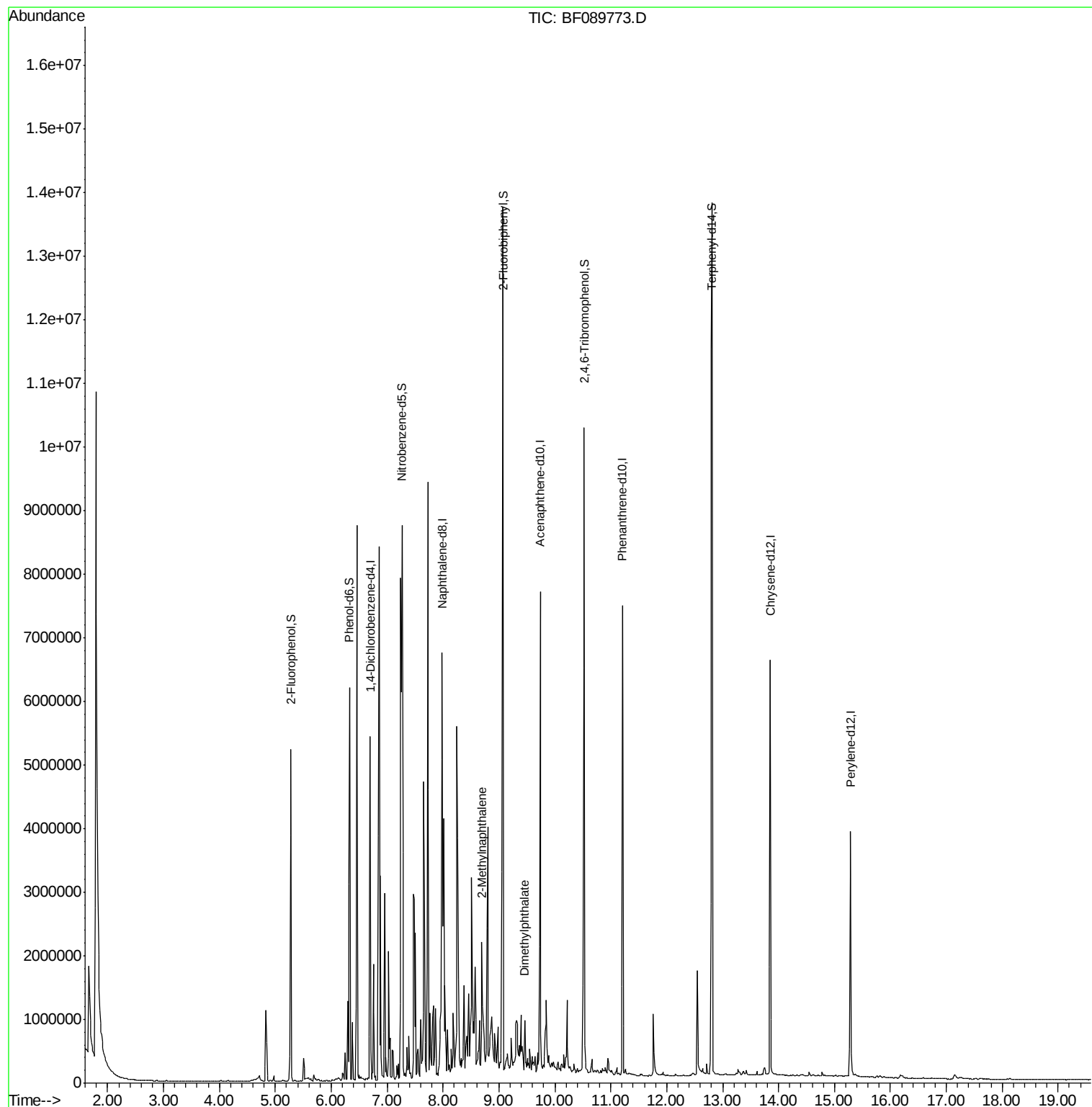
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081716\
Data File : BF089773.D
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Misc :
ALS Vial : 44 Sample Multiplier: 1

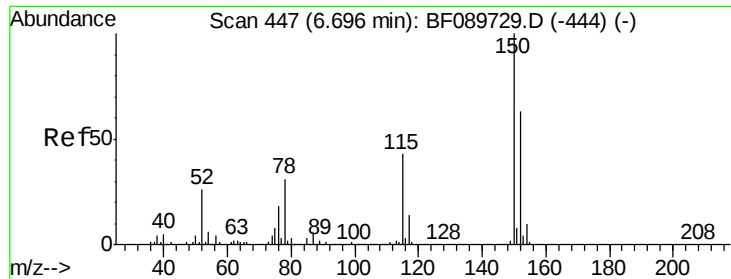
Instrument :
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#1

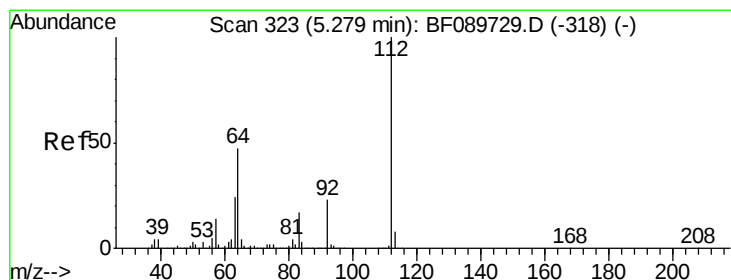
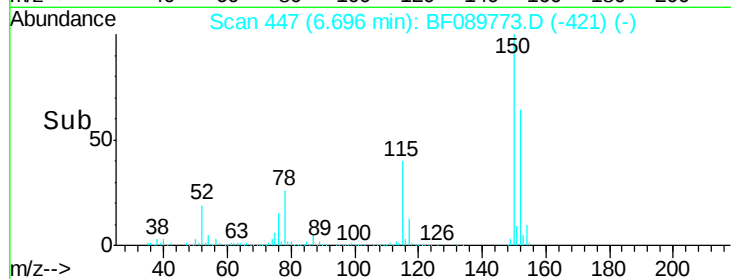
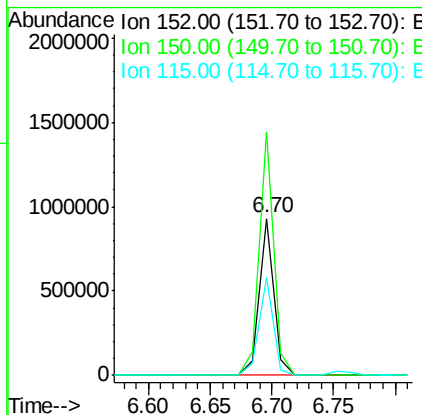
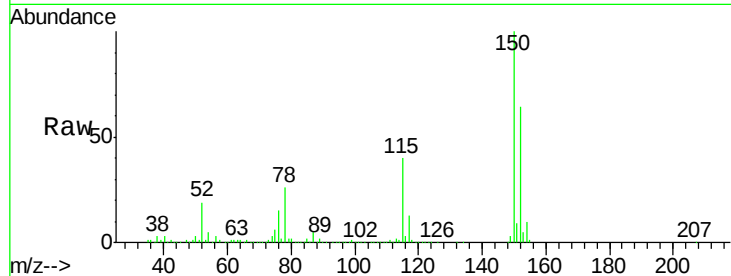
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.70 min Scan# 447
Delta R.T. -0.00 min
Lab File: BF089773.D
Acq: 17 Aug 2016 19:53

Instrument :
BNA_F
ClientSampleId :
MW-2-080416

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	62.0	40.9	61.3

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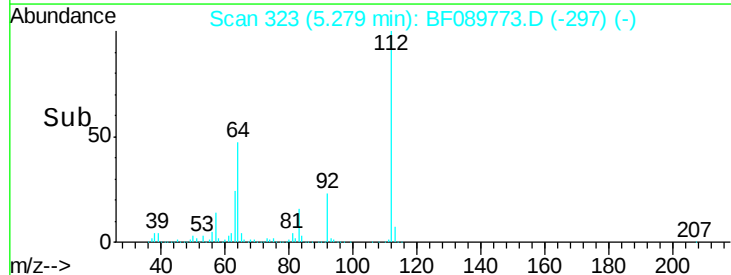
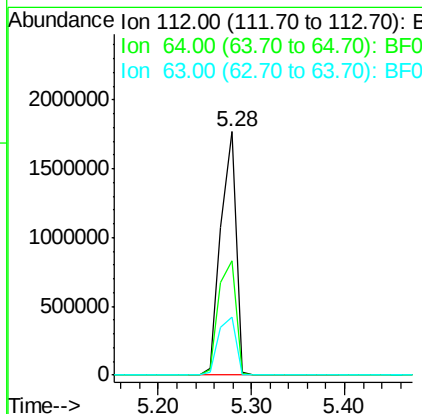
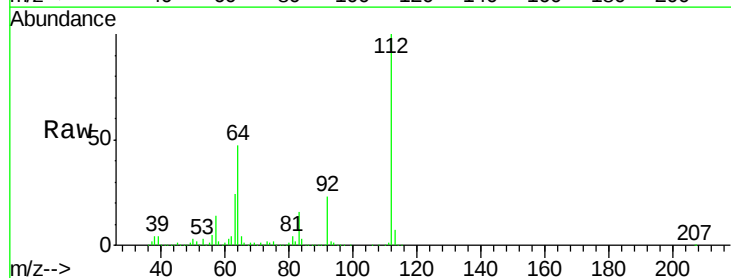
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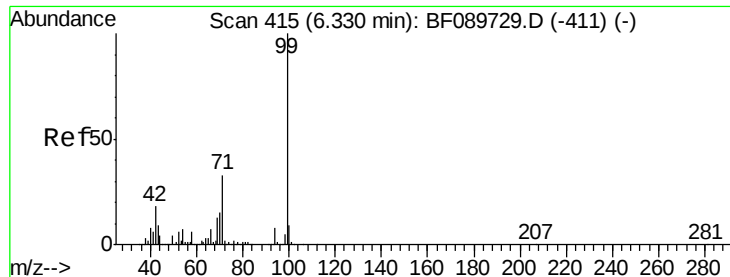


#5

2-Fluorophenol
Concen: 44.24 ng
RT: 5.28 min Scan# 323
Delta R.T. 0.00 min
Lab File: BF089773.D
Acq: 17 Aug 2016 19:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.9	45.0	67.4
63	23.7	23.1	34.7





#7

Phenol-d6

Concen: 44.17 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Instrument :

BNA_F

ClientSampleId :

MW-2-080416

Tot Ion: 99 Resp: 2559542

Ion Ratio Lower Upper

99 100

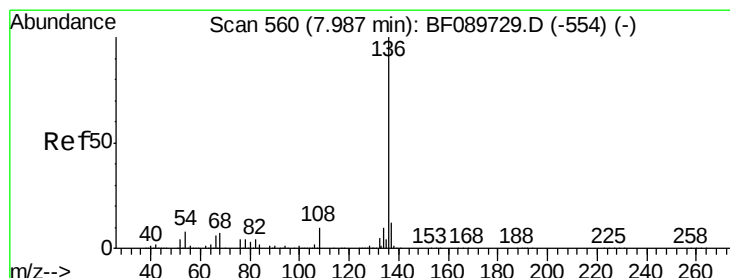
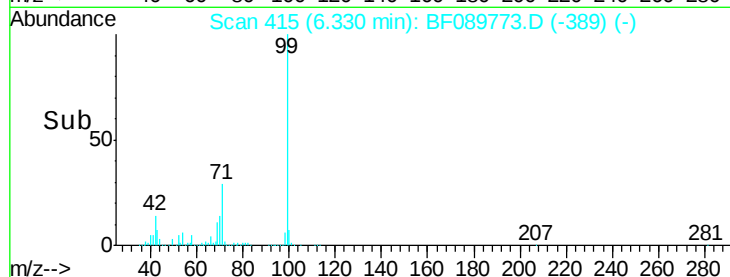
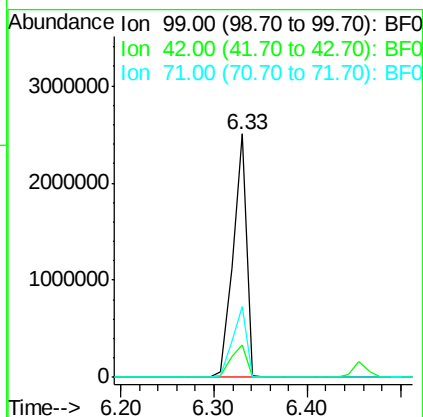
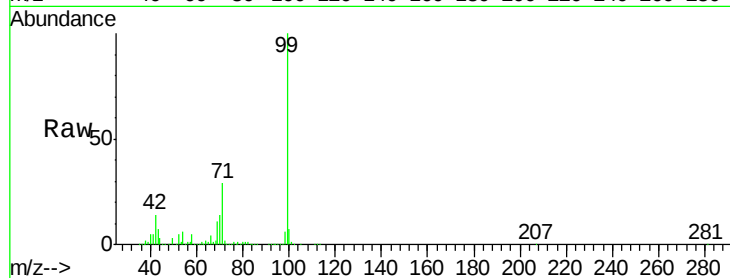
42 13.6 12.2 18.4

71 28.8 23.8 35.8

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#21

Naphthalene-d8

Concen: 20.00 ng m

RT: 7.99 min Scan# 560

Delta R.T. -0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Tgt Ion: 136 Resp: 2999645

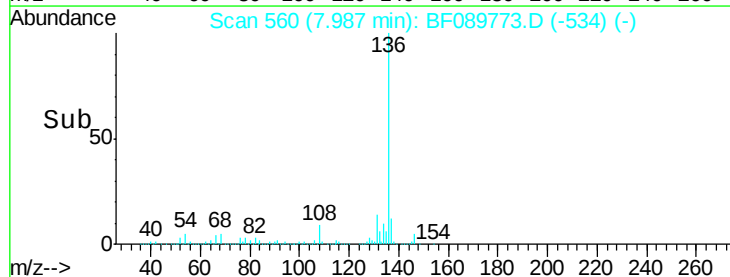
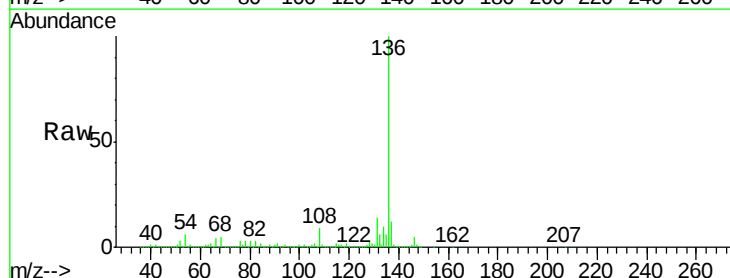
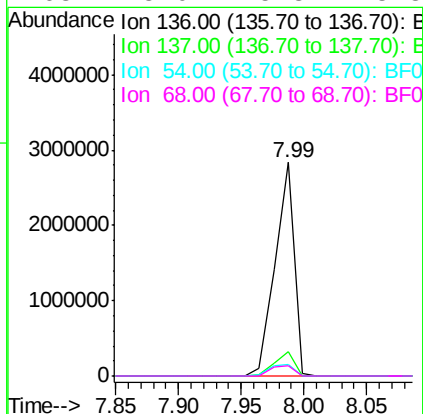
Ion Ratio Lower Upper

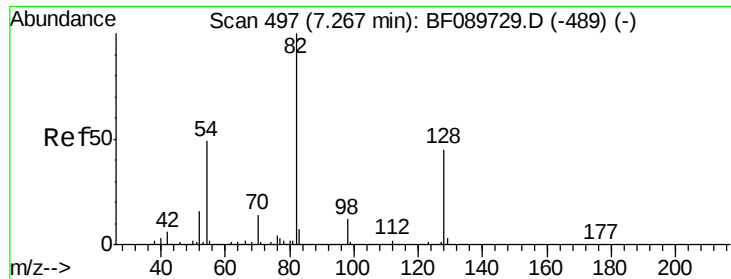
136 100

137 11.7 9.2 13.8

54 5.5 7.2 10.8#

68 5.0 5.8 8.8#





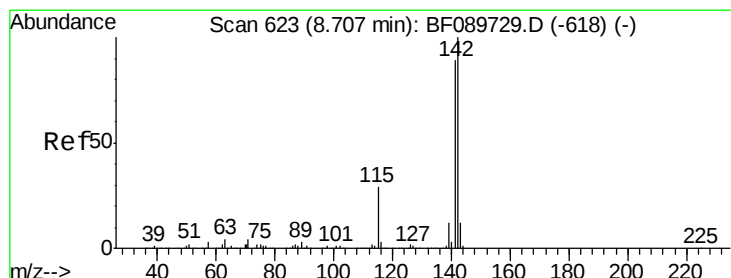
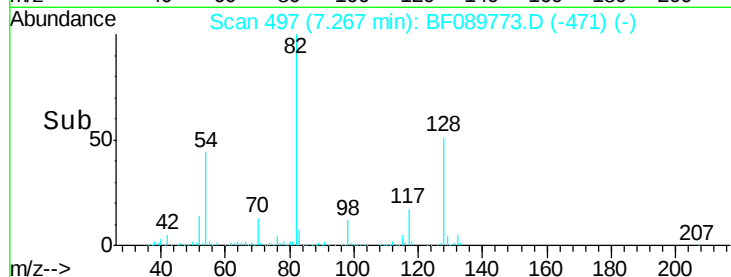
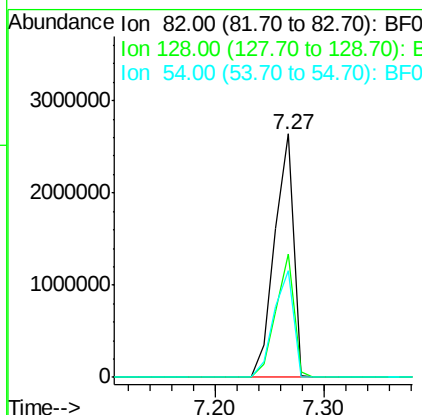
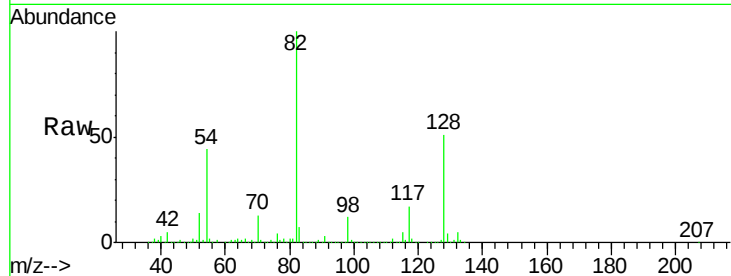
#23
 Nitrobenzene-d5
 Concen: 64.70 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BF089773.D
 Acq: 17 Aug 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-080416

Tot Ion	82	Resp	3178368
Ion Ratio	100	Lower	Upper
82	100		
128	50.7	34.4	51.6
54	44.1	40.3	60.5

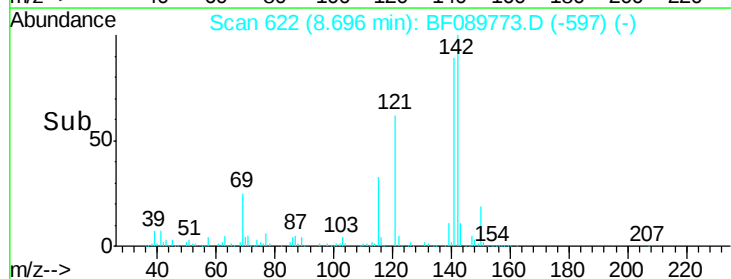
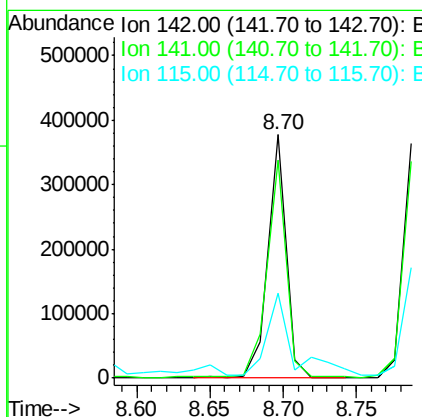
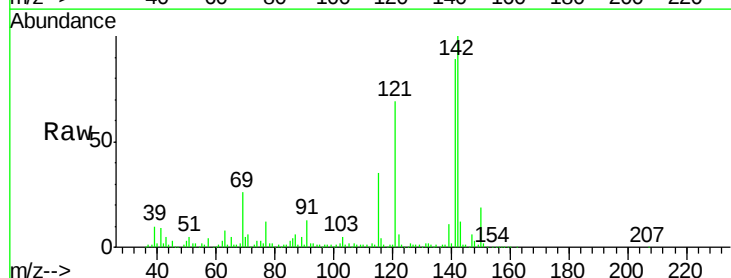
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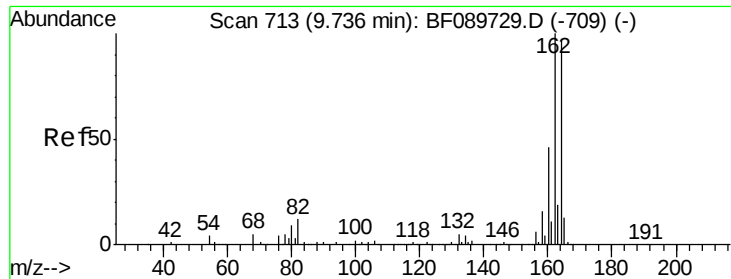
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#37
 2-Methylnaphthalene
 Concen: 3.52 ng m
 RT: 8.70 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF089773.D
 Acq: 17 Aug 2016 19:53

Tgt Ion	142	Resp	322477
Ion Ratio	100	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.8	22.7	34.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Instrument :

BNA_F

ClientSampleId :

MW-2-080416

Tot Ion:164 Resp: 1457369

Ion Ratio Lower Upper

164 100

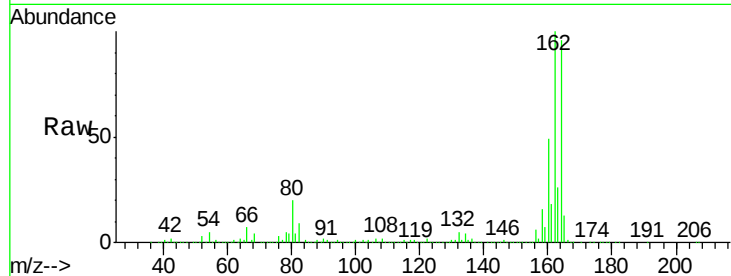
162 103.7 81.4 122.2

160 50.6 37.8 56.6

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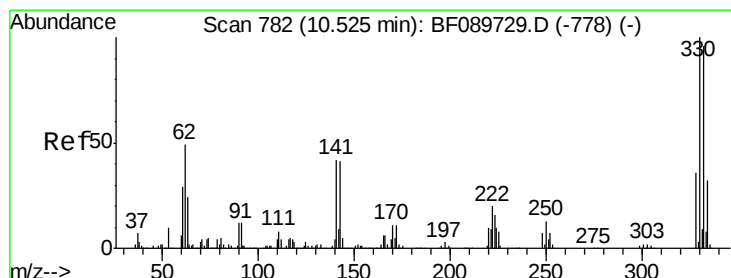
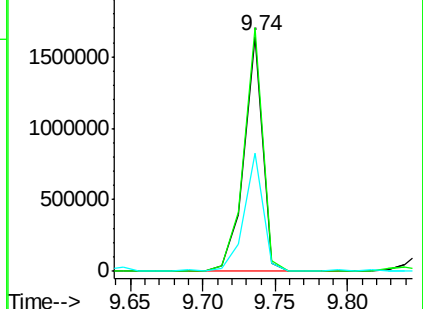
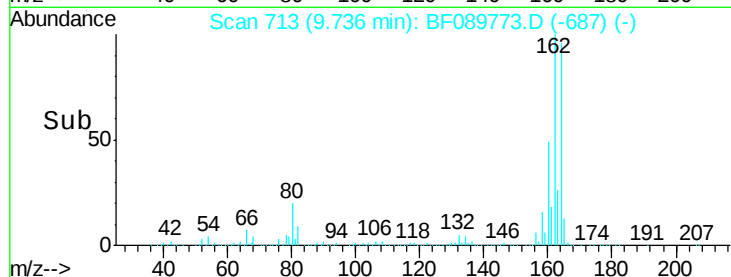
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 112.50 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

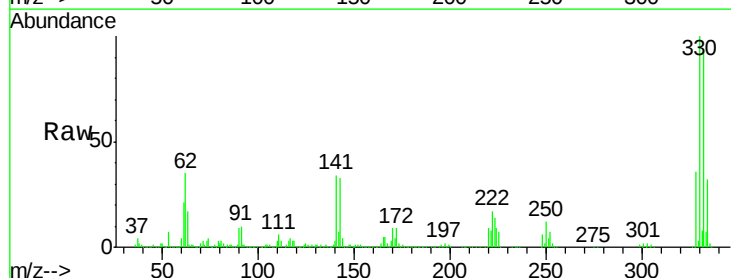
Tgt Ion:330 Resp: 1586098

Ion Ratio Lower Upper

330 100

332 94.2 76.7 115.1

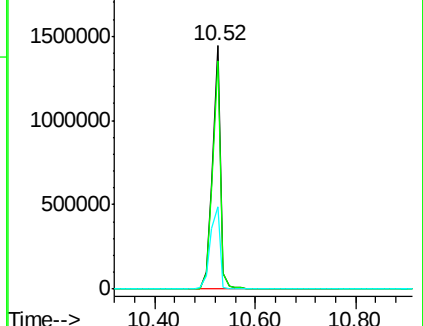
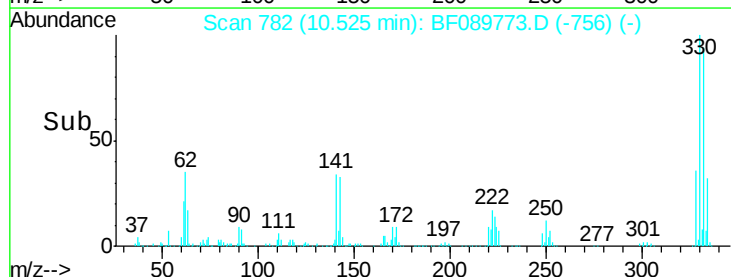
141 40.9 30.2 45.2

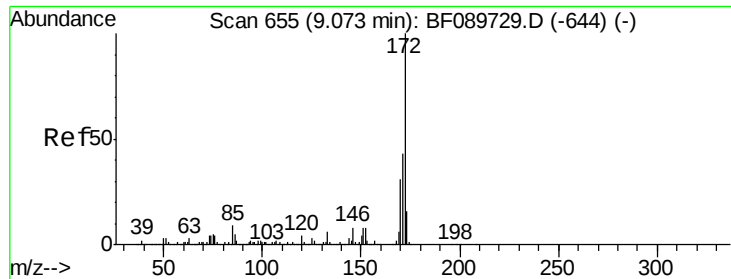


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.49 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Instrument :

BNA_F

ClientSampleId :

MW-2-080416

Tot Ion:172 Resp: 6311260

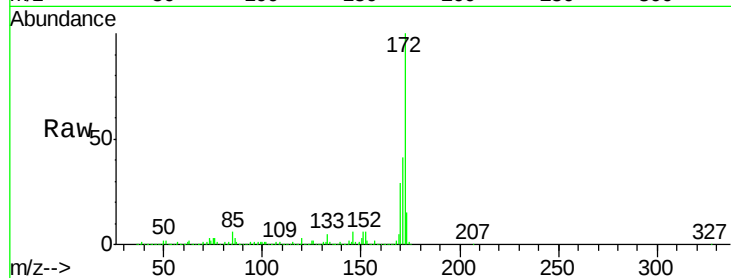
Ion	Ratio	Lower	Upper
172	100		
171	40.6	30.5	45.7
170	28.5	20.6	31.0

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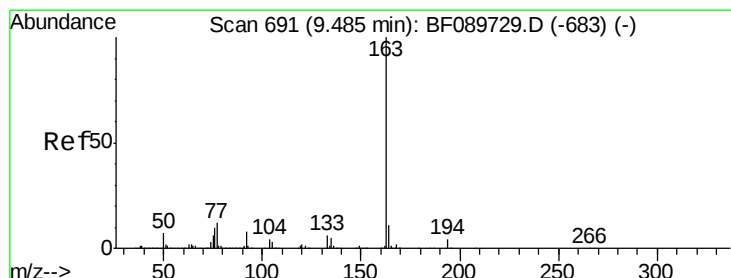
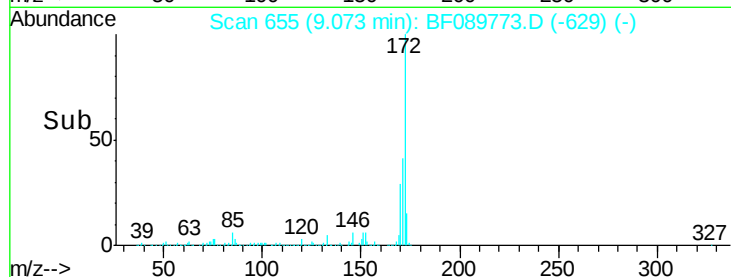
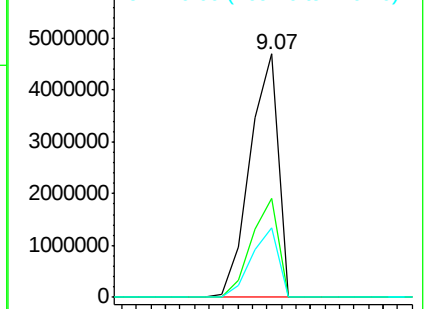


Abundance

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



#49

Dimethylphthalate

Concen: 2.90 ng

RT: 9.46 min Scan# 689

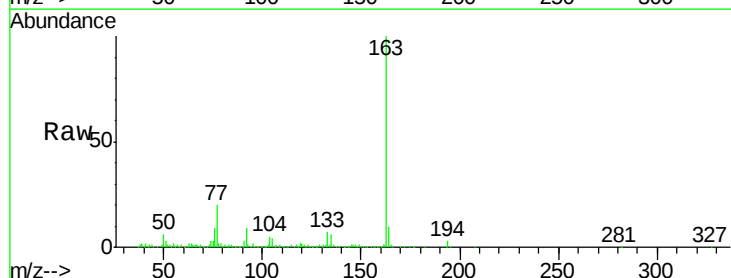
Delta R.T. -0.02 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Tgt Ion:163 Resp: 305816

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	3.8
164	10.5	8.6	12.8

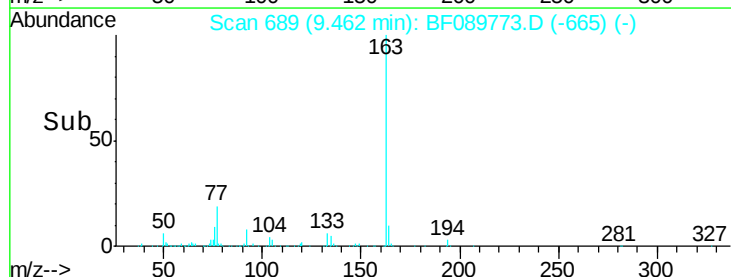
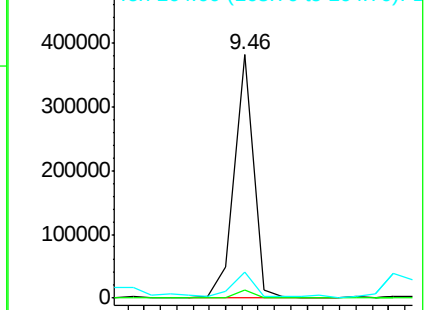


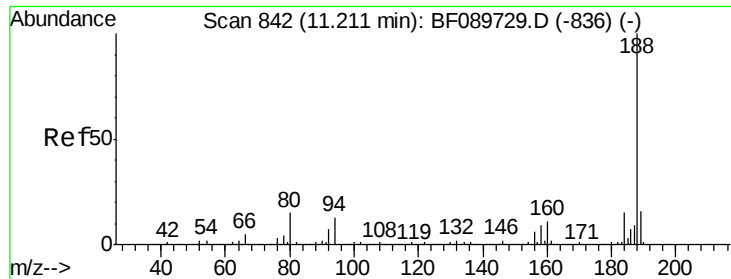
Abundance

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: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

Instrument :

BNA_F

ClientSampleId :

MW-2-080416

Tot Ion:188 Resp: 2538298

Ion Ratio Lower Upper

188 100

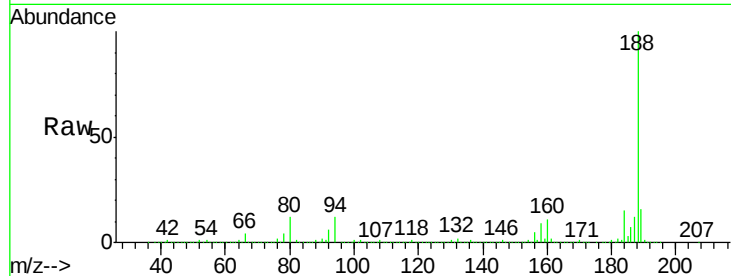
94 11.6 10.2 15.2

80 12.1 10.9 16.3

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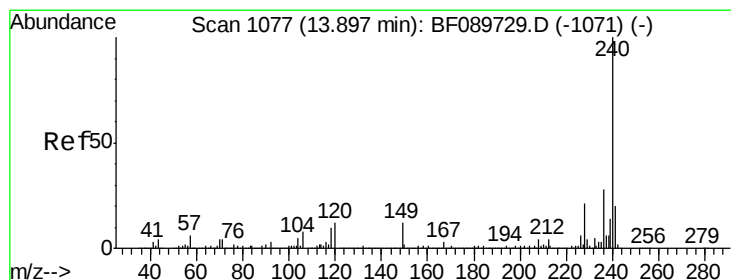
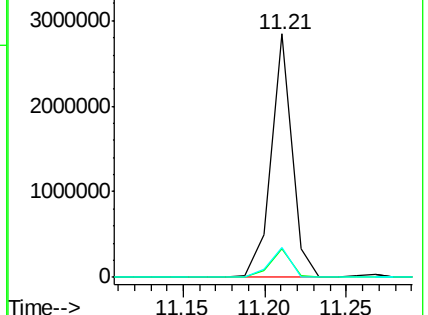
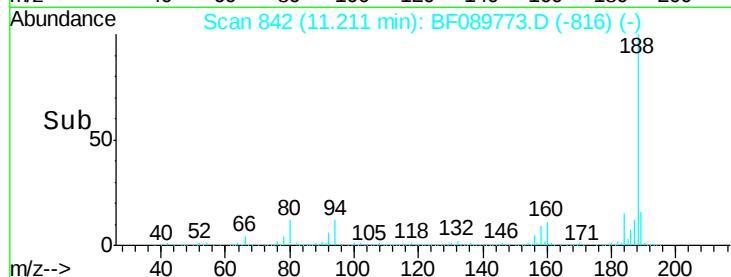
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.05 min

Lab File: BF089773.D

Acq: 17 Aug 2016 19:53

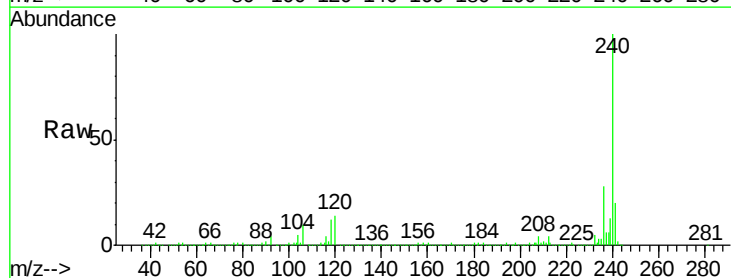
Tgt Ion:240 Resp: 2181967

Ion Ratio Lower Upper

240 100

120 14.5 8.3 12.5#

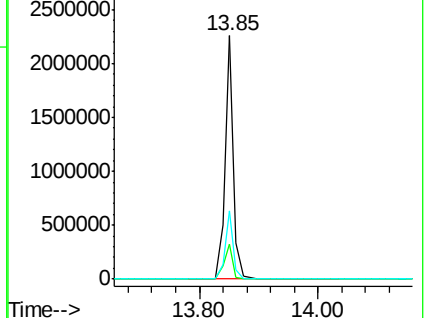
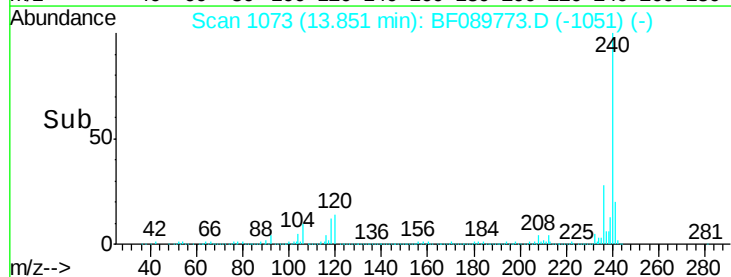
236 27.8 21.3 31.9

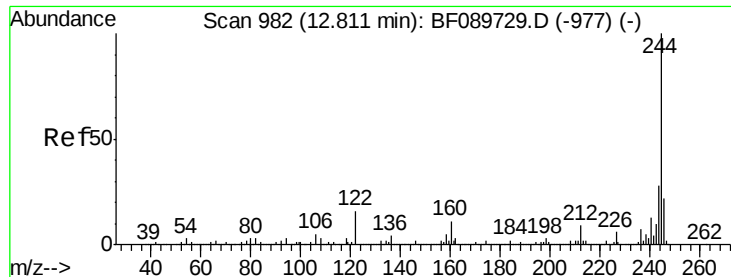


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





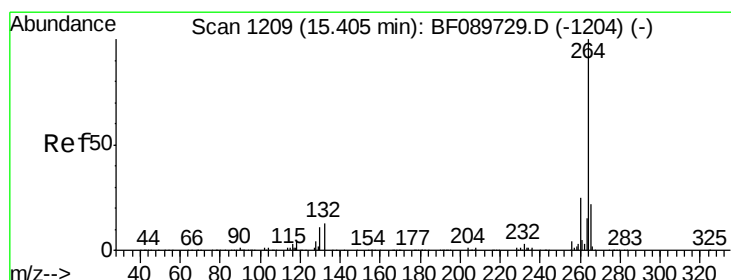
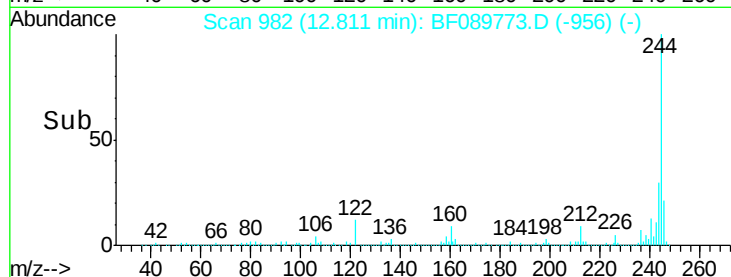
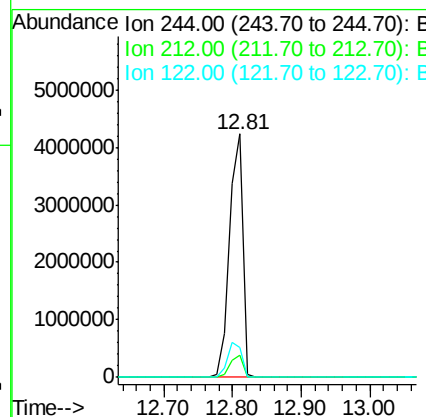
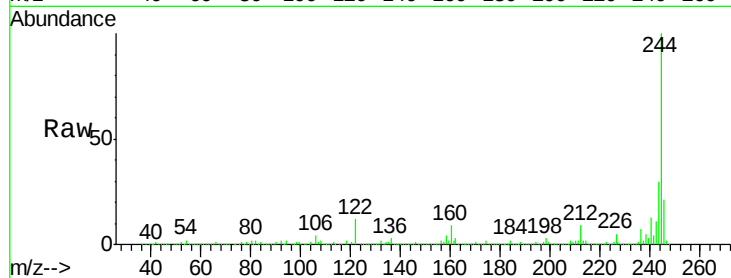
#78
 Terphenyl-d14
 Concen: 80.15 ng
 RT: 12.81 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF089773.D
 Acq: 17 Aug 2016 19:53

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-080416

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	6.3	9.5
122	12.4	12.0	18.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.11 min
 Lab File: BF089773.D
 Acq: 17 Aug 2016 19:53

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.2	30.2
265	22.3	17.4	26.2

