

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085323.D
 Acq On : 10 Mar 2016 2:49
 Operator : UM/SJ
 Sample : H1722-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

Manual Integrations
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Quant Time: Mar 10 03:15:36 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	6.95	152	187166	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	805788	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	361477	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	680113	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	349535	20.00	ng	-0.05
86) Perylene-d12	15.57	264	279835	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1521726	136.38	ng	-0.02
7) Phenol-d6	6.58	99	2202631	150.67	ng	-0.02
23) Nitrobenzene-d5	7.51	82	1220719	81.07	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	470418	152.09	ng	-0.03
44) 2-Fluorobiphenyl	9.32	172	2129003	89.57	ng	-0.03
78) Terphenyl-d14	13.06	244	1629788	108.24	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	500973	18.06	ng	Qvalue 98
83) Bis(2-ethylhexyl)phthalate	14.09	149	498197	31.71	ng	# 97

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

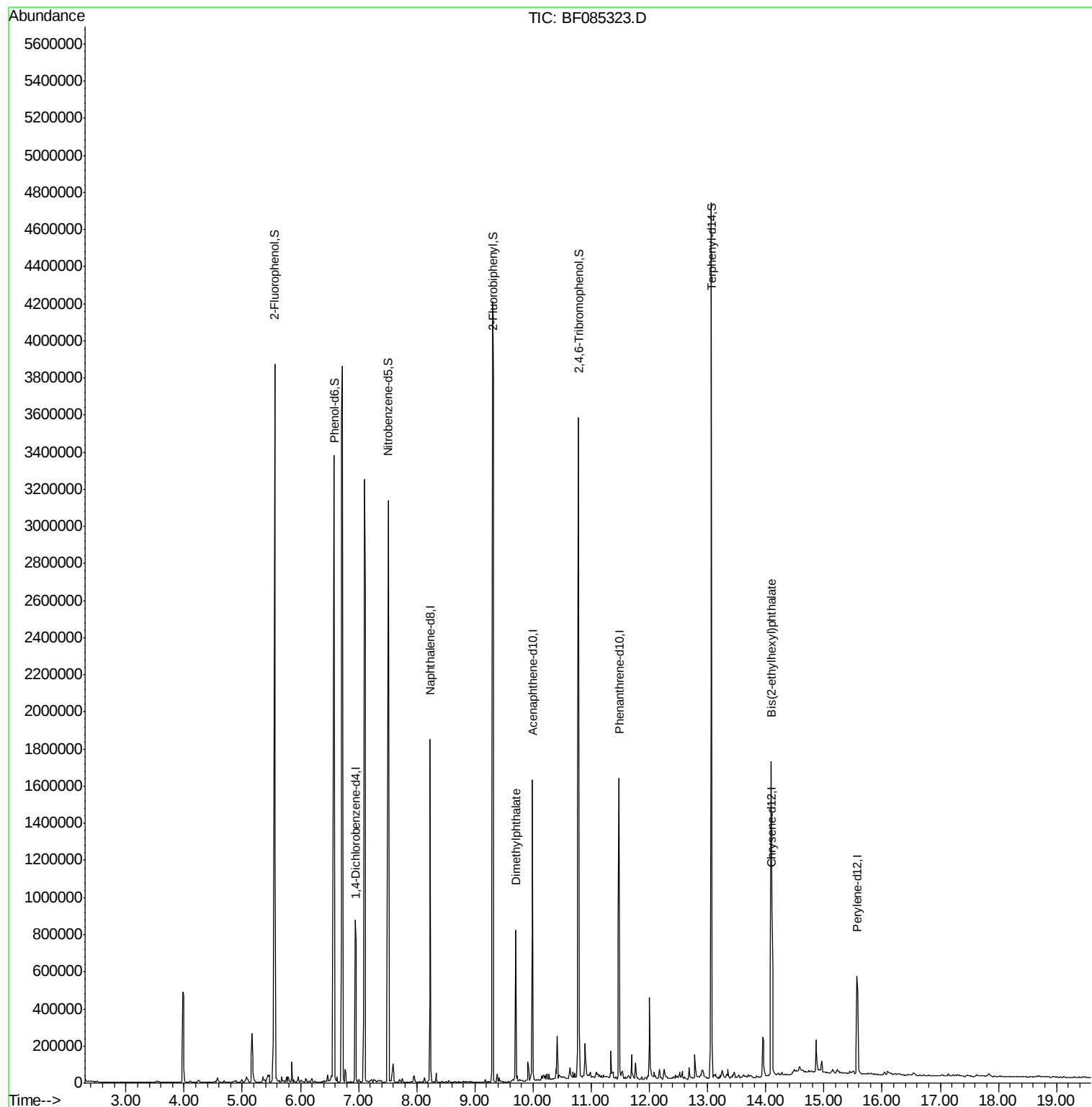
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085323.D
Acq On : 10 Mar 2016 2:49
Operator : UM/SJ
Sample : H1722-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

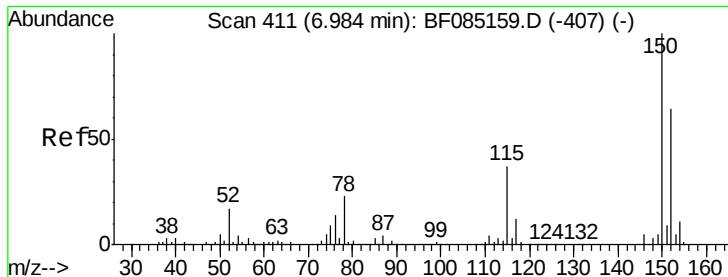
Instrument :
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W170TH-SB-29(0.5-3.0)

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Quant Time: Mar 10 03:15:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

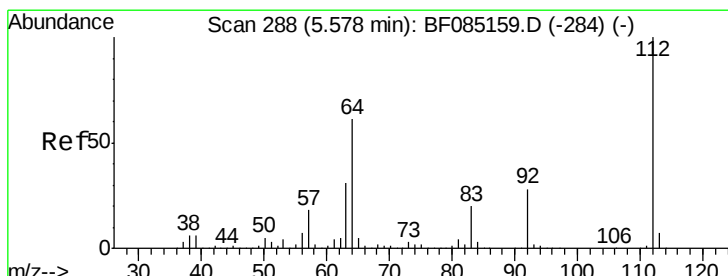
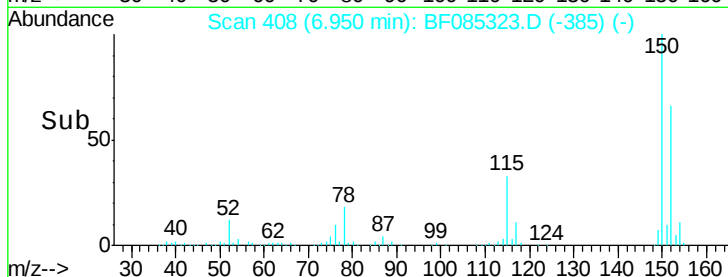
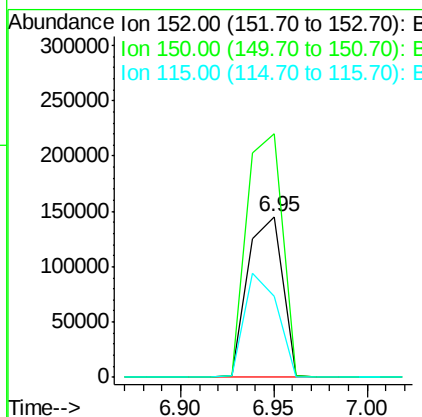
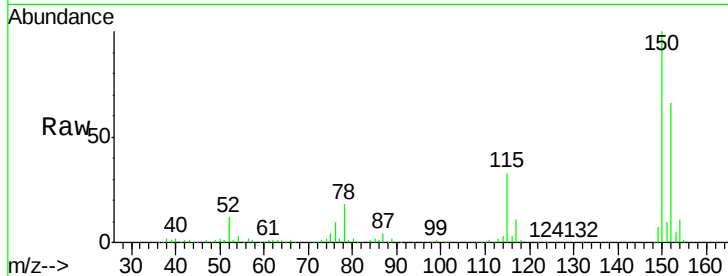
W170TH-SB-29(0.5-3.0)

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Tgt Ion:	152	Resp:	187166
Ion Ratio	Lower	Upper	
152	100		
150	151.6	124.6	186.8
115	50.4	46.6	70.0



#5

2-Fluorophenol

Concen: 136.38 ng

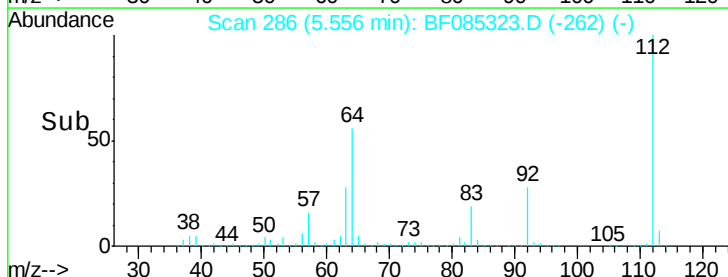
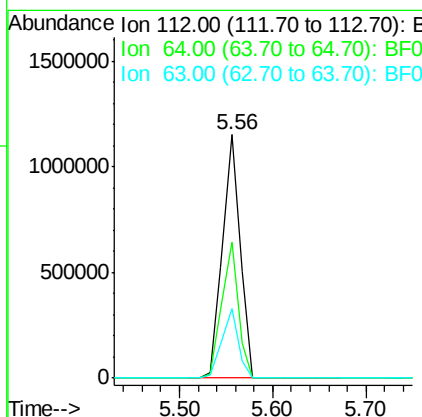
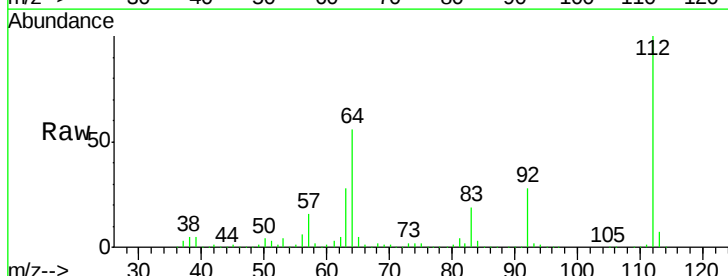
RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Tgt Ion:	112	Resp:	1521726
Ion Ratio	Lower	Upper	
112	100		
64	56.1	49.0	73.4
63	28.3	24.8	37.2





#7

Phenol-d6

Concen: 150.67 ng

RT: 6.58 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-29(0.5-3.0)

Tgt Ion: 99 Resp: 2202631

Ion Ratio Lower Upper

99 100

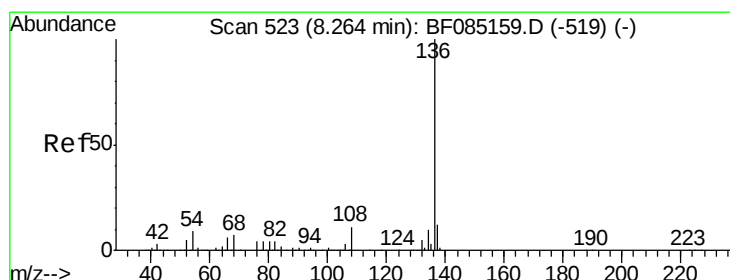
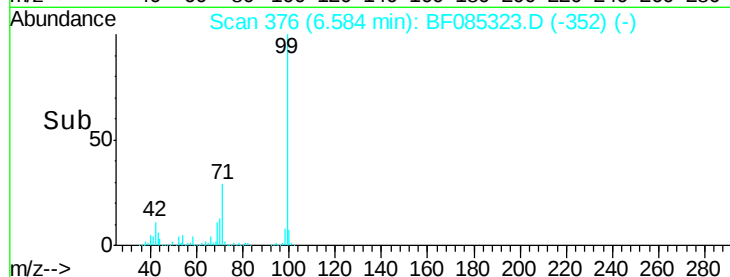
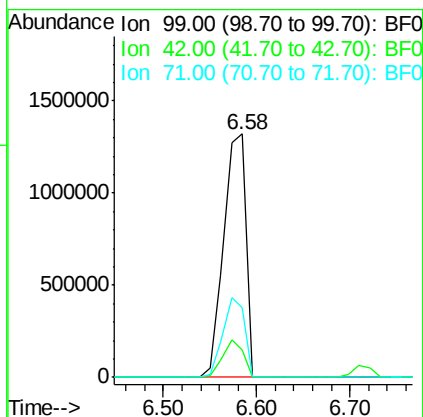
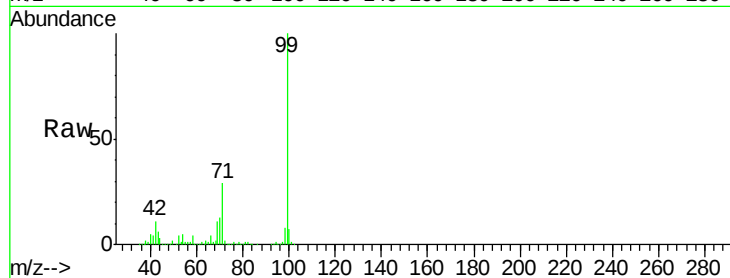
42 11.3 13.6 20.4#

71 28.8 26.7 40.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 520

Delta R.T. -0.03 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Tgt Ion: 136 Resp: 805788

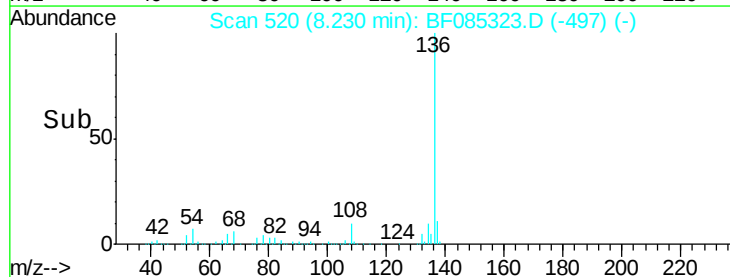
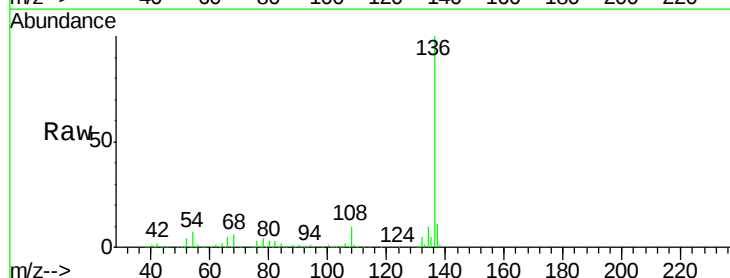
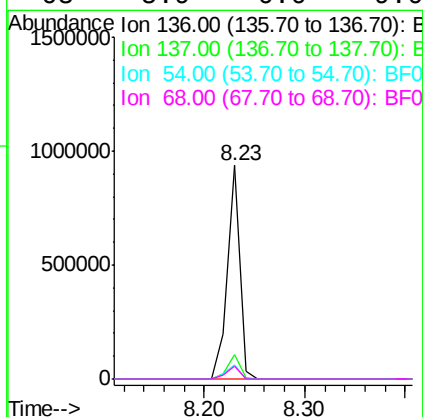
Ion Ratio Lower Upper

136 100

137 11.1 9.3 13.9

54 6.8 7.4 11.2#

68 5.9 6.0 9.0#





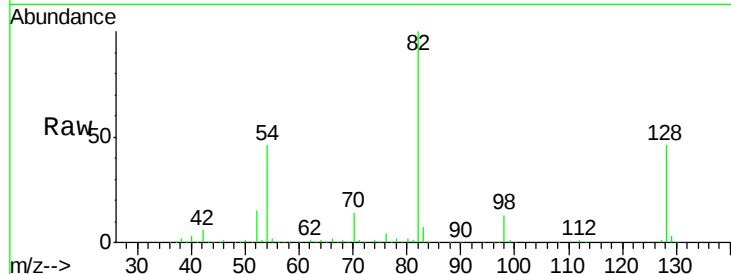
#23
 Nitrobenzene-d5
 Concen: 81.07 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

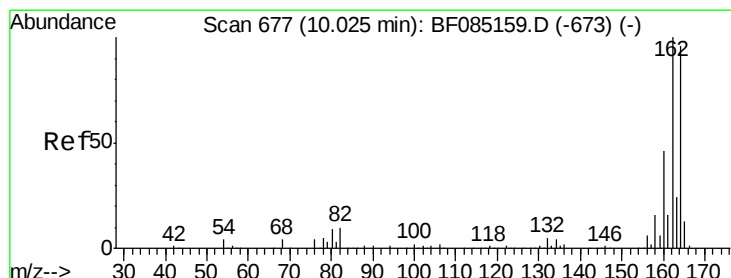
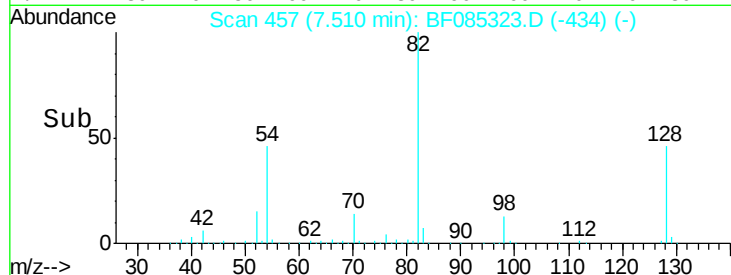
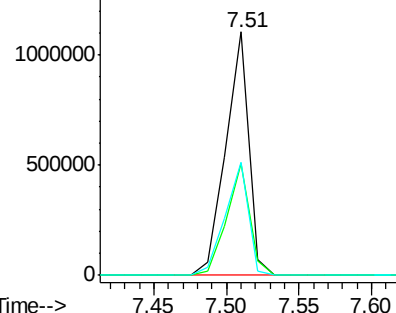
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.5	51.7
54	46.3	39.3	58.9

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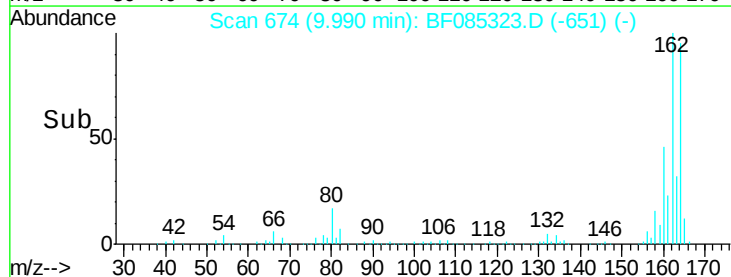
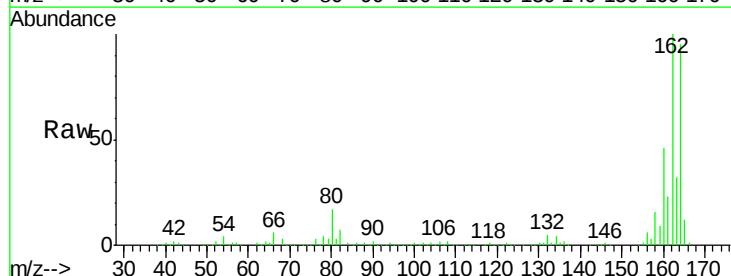
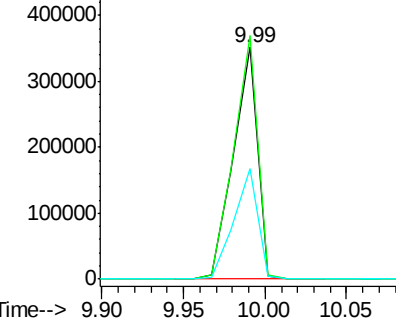
Abundance Ion 82.00 (81.70 to 82.70): BF0
 1500000 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.3	124.9
160	47.8	37.9	56.9

Abundance Ion 164.00 (163.70 to 164.70): E
 500000 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





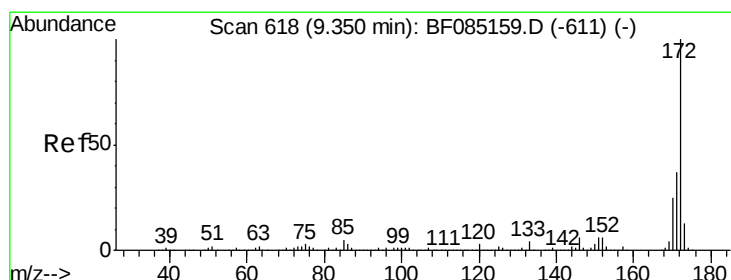
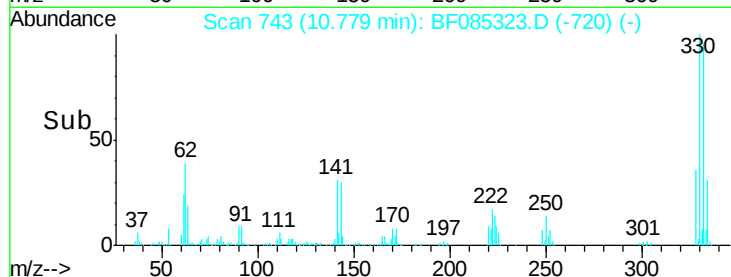
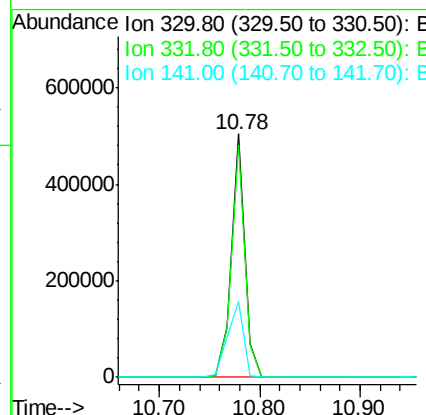
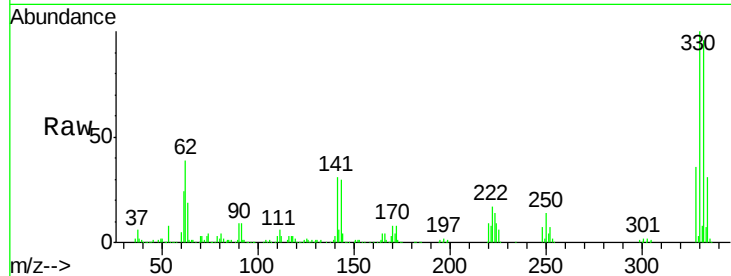
#41
 2,4,6-Tribromophenol
 Concen: 152.09 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	470418		
332	96.0	77.1	115.7	
141	37.0	35.0	52.6	

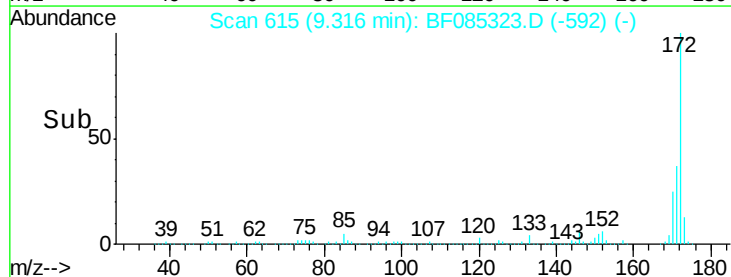
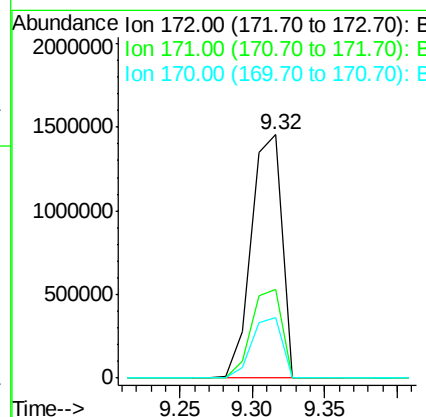
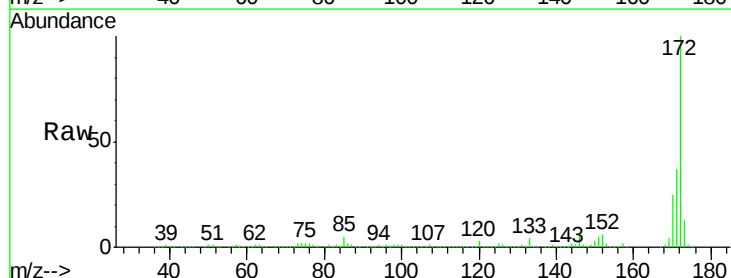
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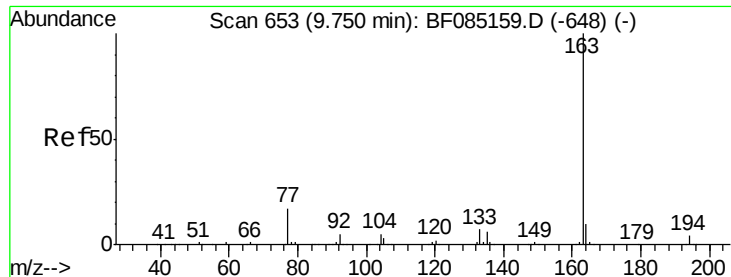
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#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 9.32 min Scan# 615
 Delta R.T. -0.03 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2129003		
171	36.6	29.3	43.9	
170	24.8	20.0	30.0	





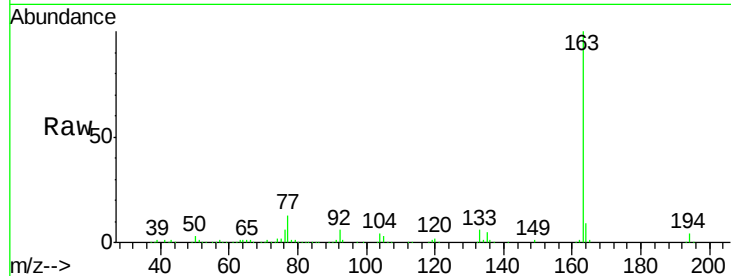
#49
Dimethylphthalate
Concen: 18.06 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-29(0.5-3.0)

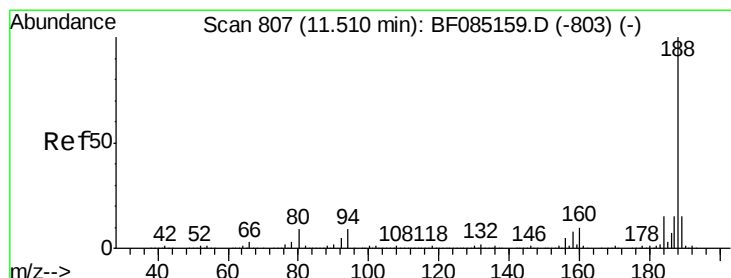
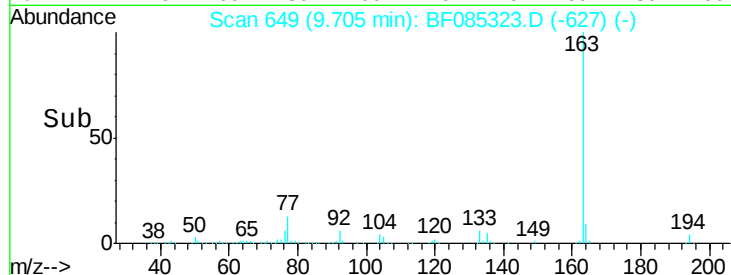
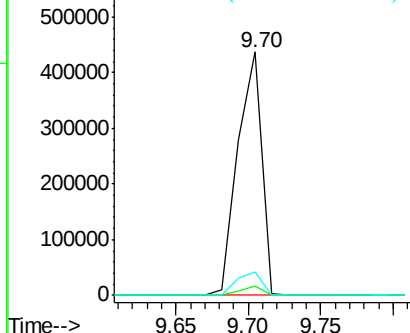
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.9	3.1	4.7
164	9.5	8.2	12.4

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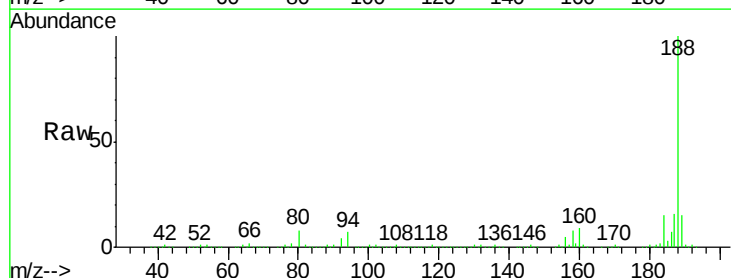


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

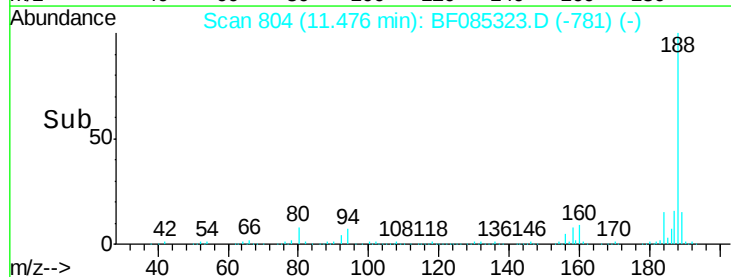
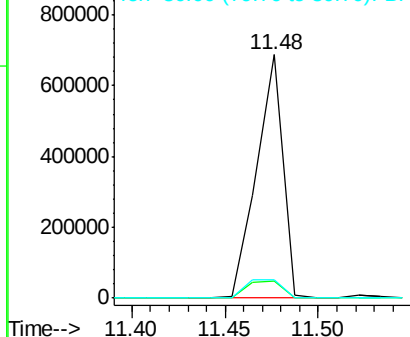


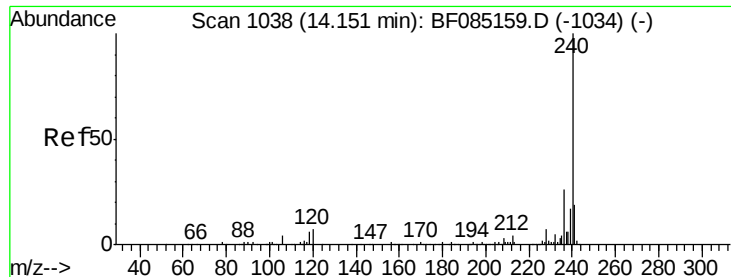
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085323.D
Acq: 10 Mar 2016 2:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	7.0	10.6
80	7.6	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085323.D

Acq: 10 Mar 2016 2:49

Instrument :

BNA_F

ClientSampleId :

W170TH-SB-29(0.5-3.0)

Tgt Ion:240 Resp: 349535
Ion Ratio Lower Upper

240 100

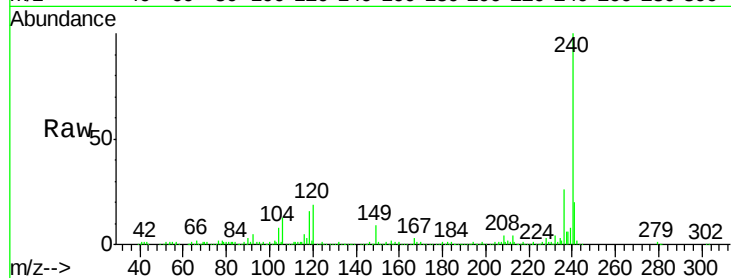
120 18.5 5.3 7.9#

236 26.1 20.7 31.1

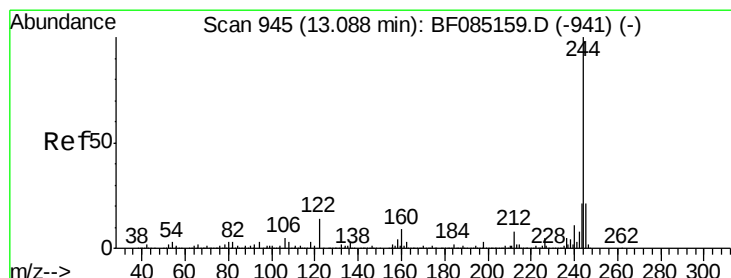
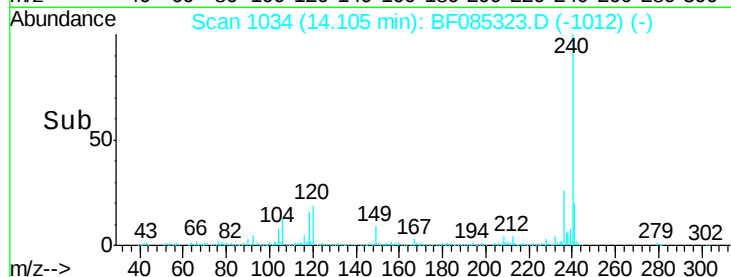
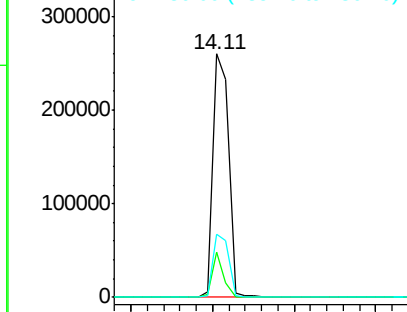
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 108.24 ng

RT: 13.06 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085323.D

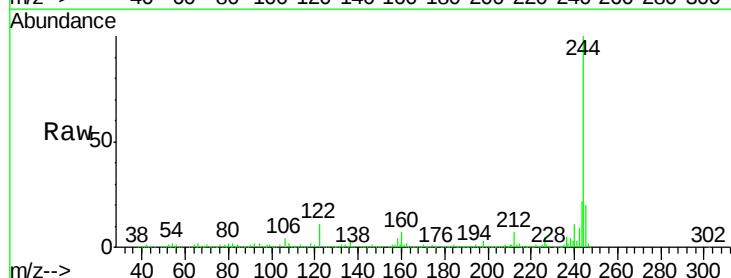
Acq: 10 Mar 2016 2:49

Tgt Ion:244 Resp: 1629788
Ion Ratio Lower Upper

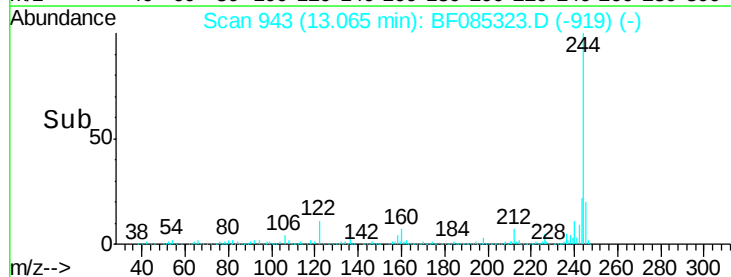
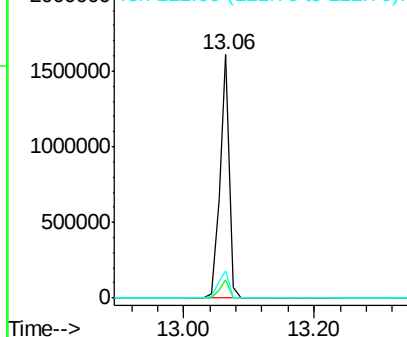
244 100

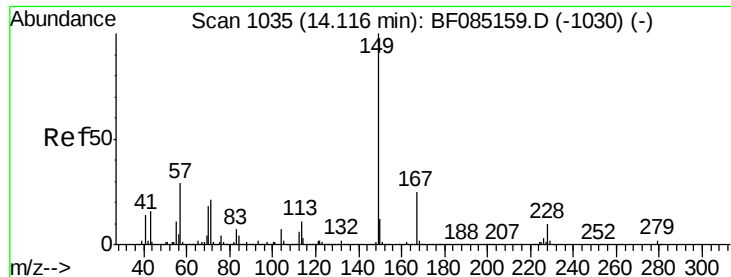
212 7.3 6.4 9.6

122 11.1 11.4 17.2#



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





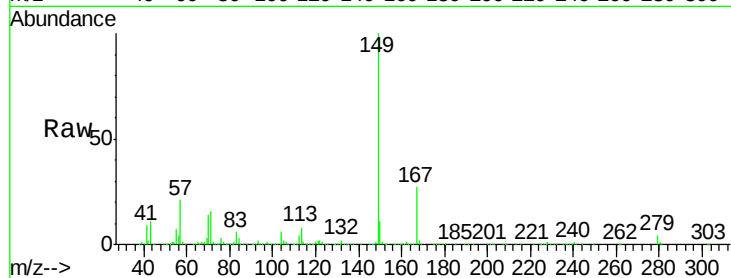
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.71 ng
 RT: 14.09 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-29(0.5-3.0)

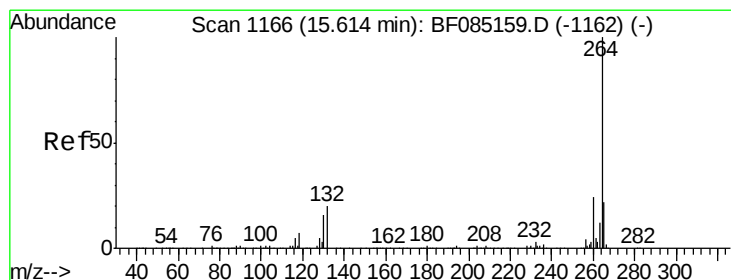
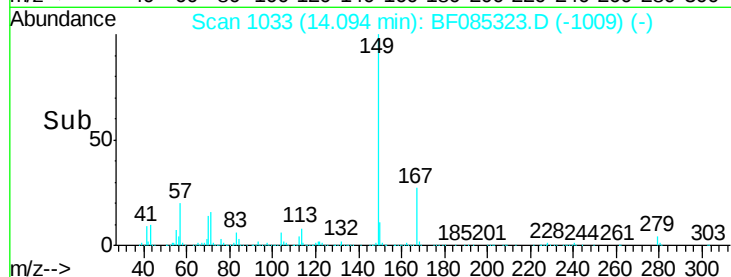
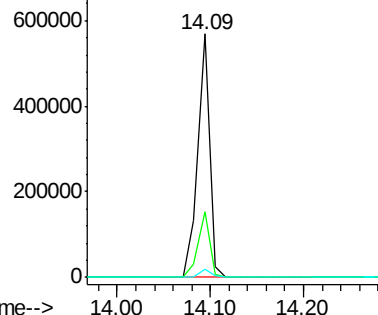
Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	26.9	20.3	30.5
279	3.6	1.9	2.9#

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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: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085323.D
 Acq: 10 Mar 2016 2:49

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.9	17.3	25.9

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

