

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085406.D
 Acq On : 12 Mar 2016 8:30
 Operator : UM/SJ
 Sample : H1730-08
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)

Manual Integrations
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 3/14/2016 10:46:15 AM

Quant Time: Mar 14 01:10:53 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	6.94	152	152451	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	551391	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	242837	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	375093	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	284193	20.00	ng	-0.05
86) Perylene-d12	15.57	264	226469	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1172777	129.04	ng	-0.03
7) Phenol-d6	6.57	99	1761177	147.91	ng	-0.03
23) Nitrobenzene-d5	7.50	82	950905	92.28	ng	-0.05
41) 2,4,6-Tribromophenol	10.77	330	260508	125.37	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	1591055	99.64	ng	-0.05
78) Terphenyl-d14	13.05	244	1007272	82.28	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.69	163	312011	16.74	ng	Qvalue 99

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

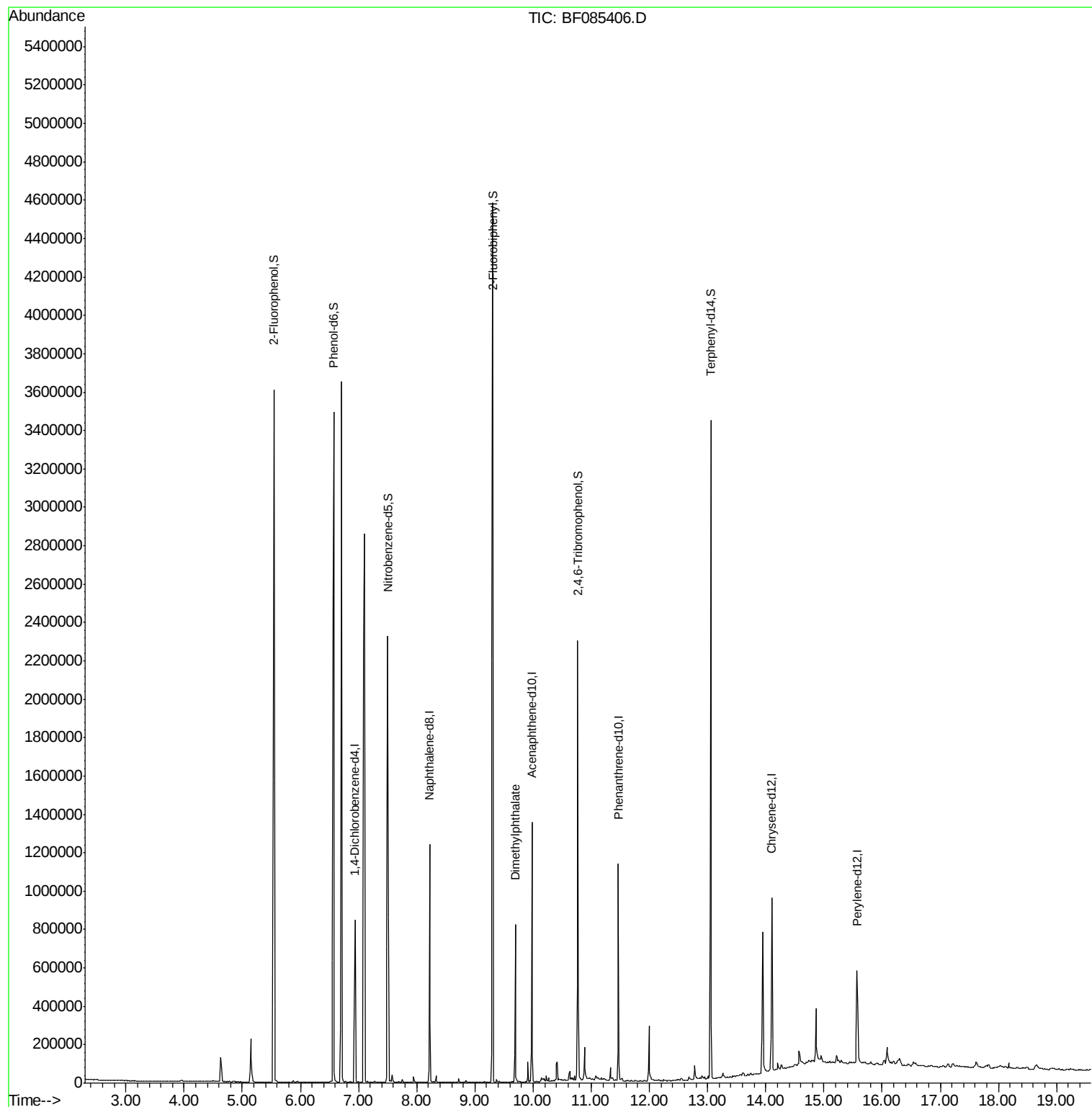
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
Data File : BF085406.D
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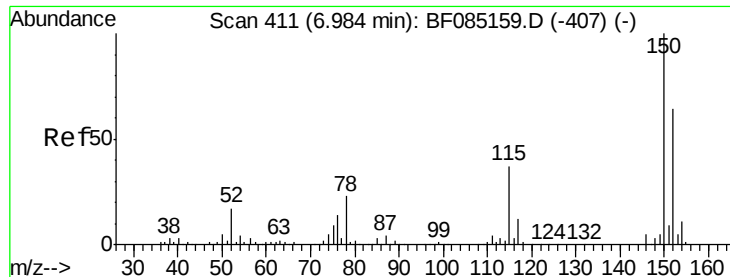
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#1

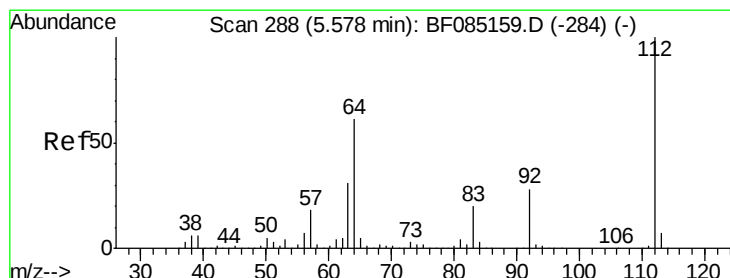
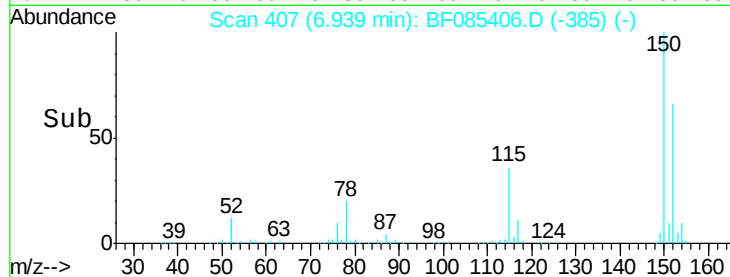
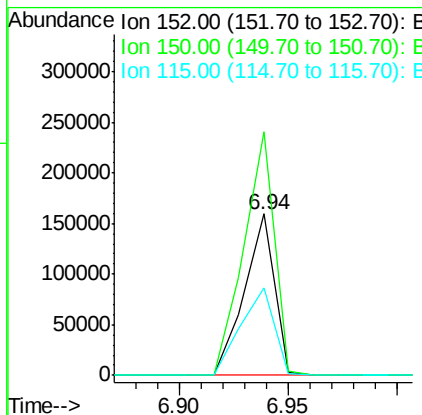
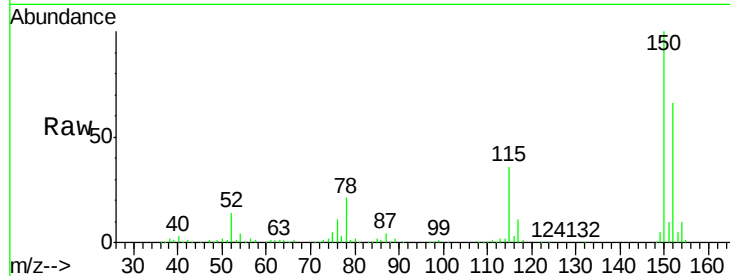
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	124.6	186.8
115	54.4	46.6	70.0

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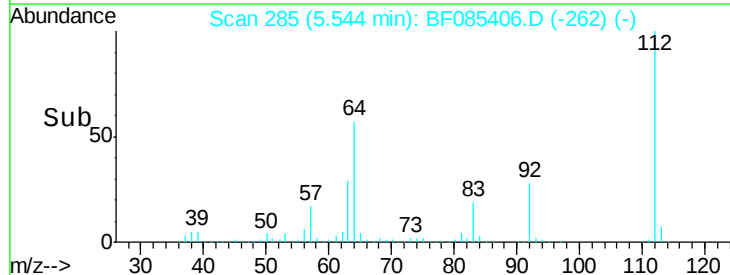
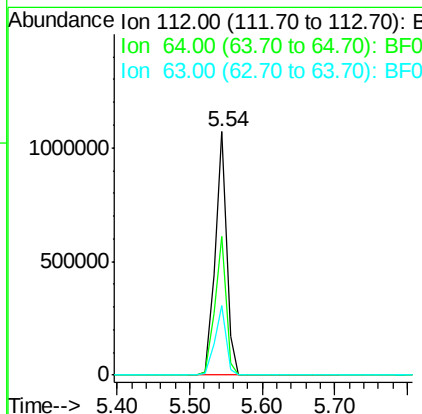
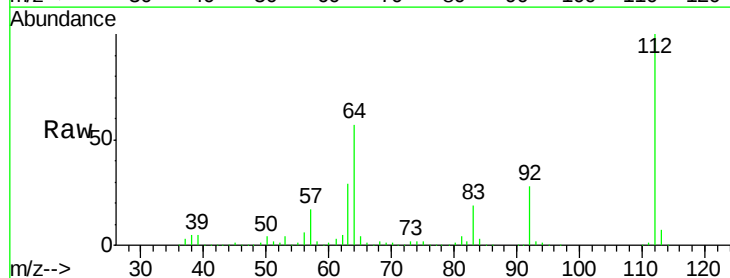
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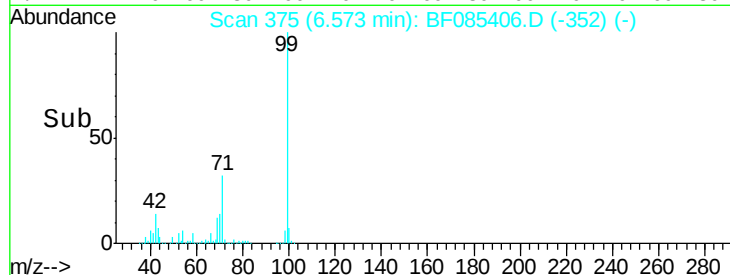
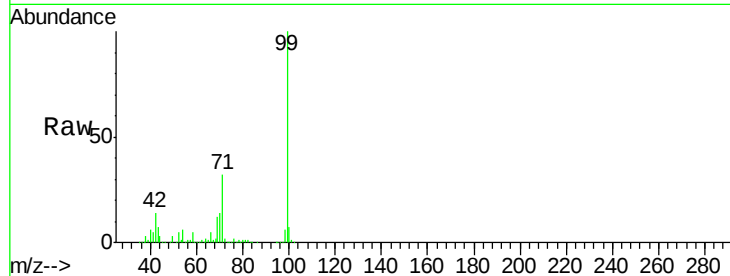


#5

2-Fluorophenol
Concen: 129.04 ng
RT: 5.54 min Scan# 285
Delta R.T. -0.03 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	49.0	73.4
63	28.6	24.8	37.2





#7

Phenol-d6

Concen: 147.91 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Tgt Ion: 99 Resp: 1761177

Ion Ratio Lower Upper

99 100

42 14.3 13.6 20.4

71 32.1 26.7 40.1

Instrument :

BNA_F

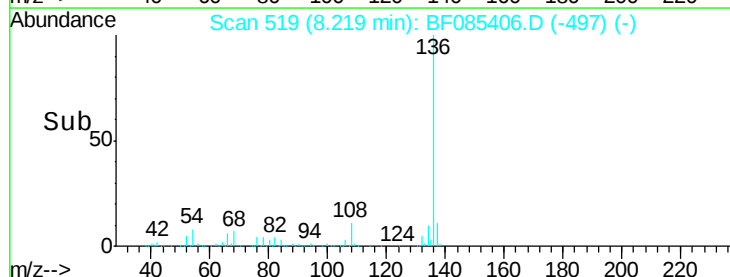
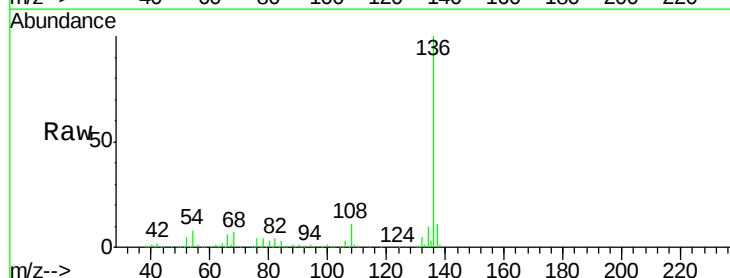
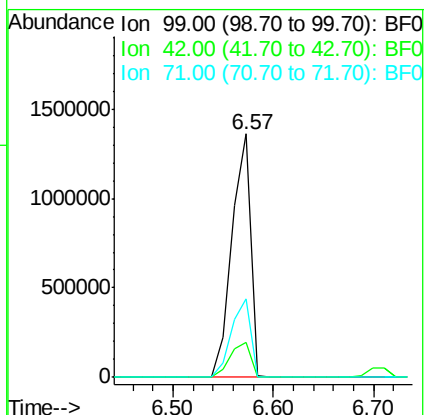
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Tgt Ion: 136 Resp: 551391

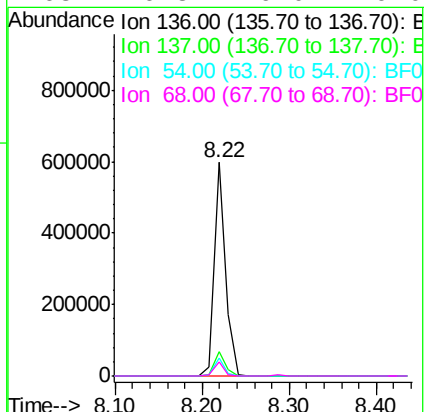
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.4 7.4 11.2

68 6.8 6.0 9.0





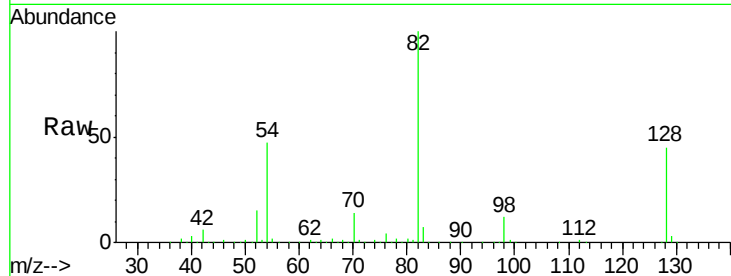
#23
 Nitrobenzene-d5
 Concen: 92.28 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)

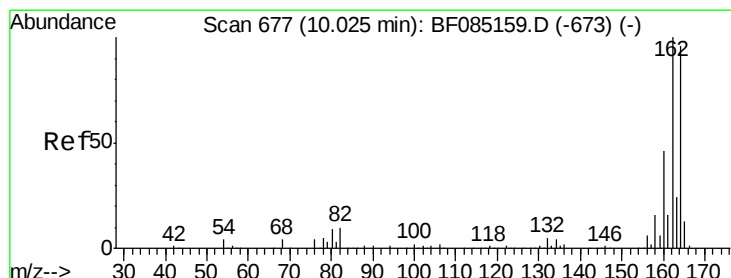
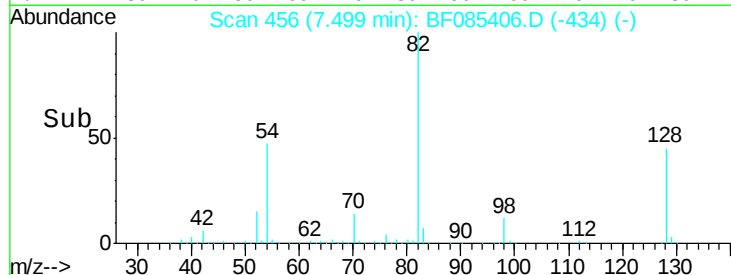
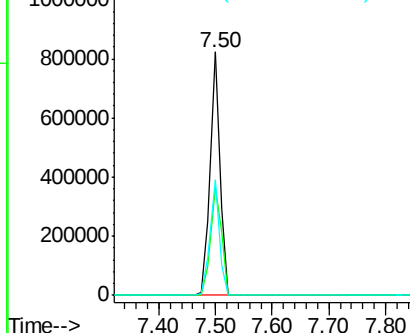
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.5	51.7
54	47.2	39.3	58.9

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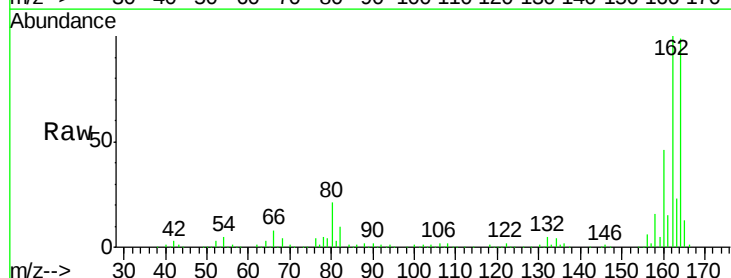


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

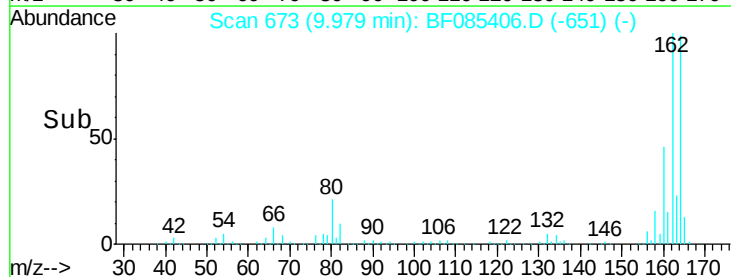
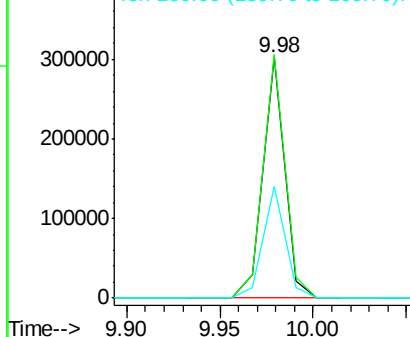


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.3	124.9
160	46.5	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





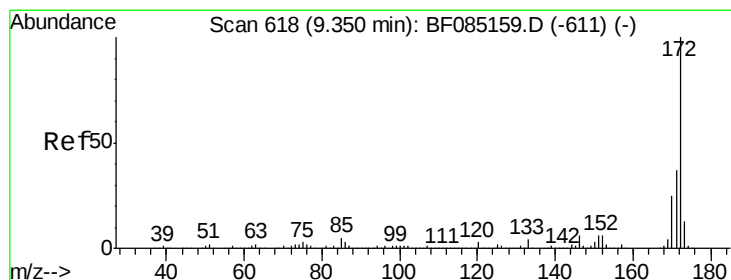
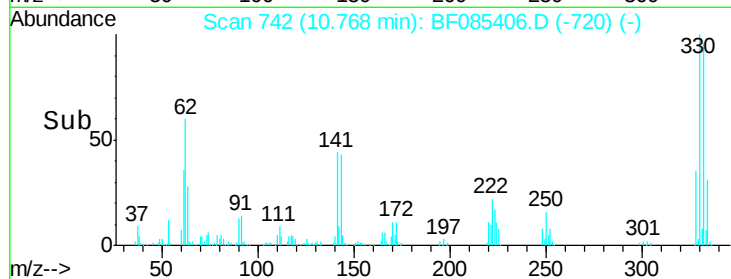
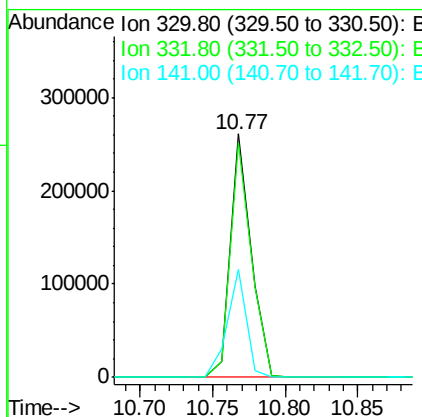
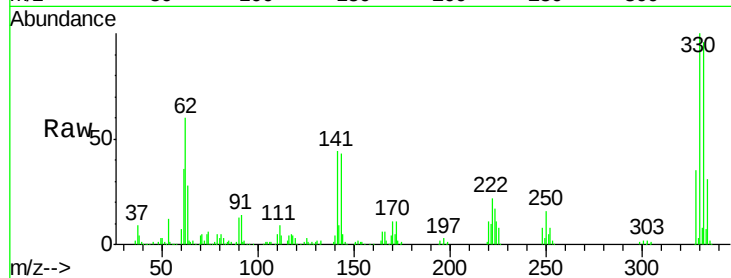
#41
 2,4,6-Tribromophenol
 Concen: 125.37 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	260508		
332	97.1	77.1	115.7	
141	41.0	35.0	52.6	

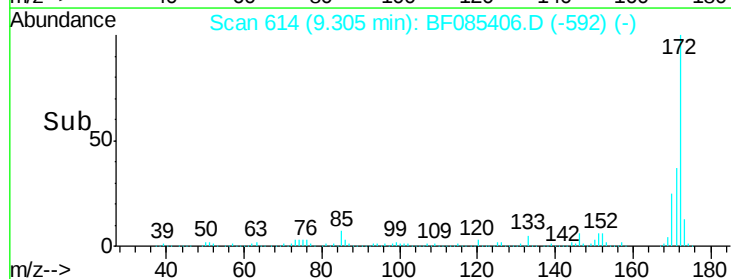
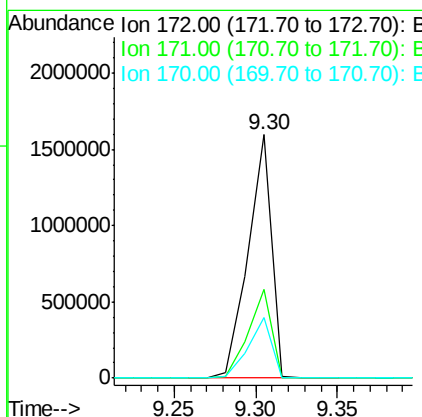
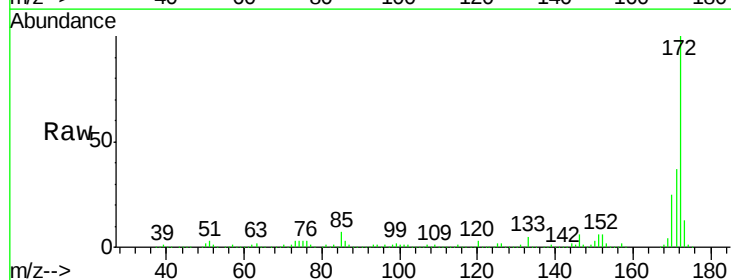
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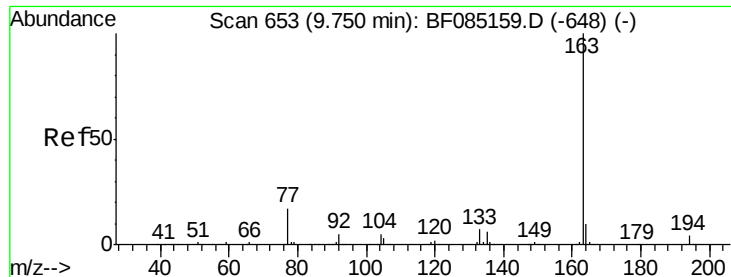
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#44
 2-Fluorobiphenyl
 Concen: 99.64 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085406.D
 Acq: 12 Mar 2016 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1591055		
171	36.7	29.3	43.9	
170	24.8	20.0	30.0	





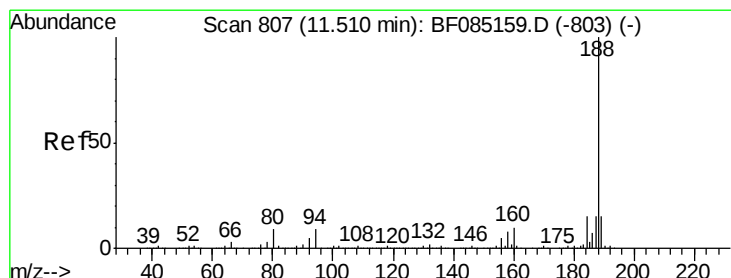
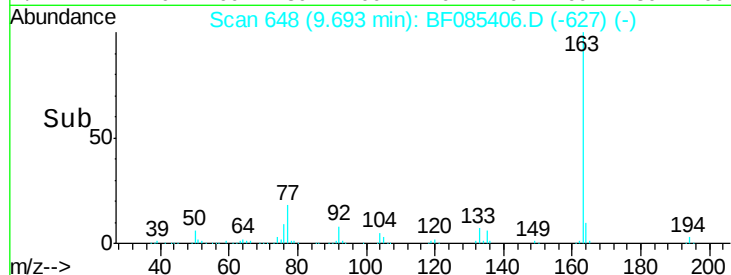
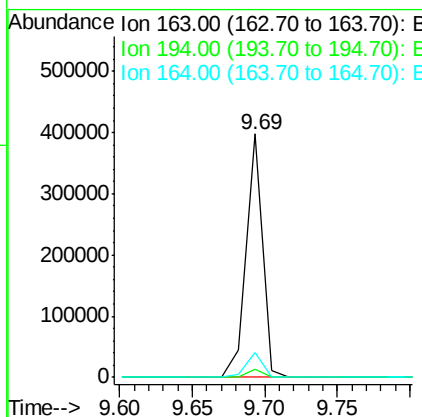
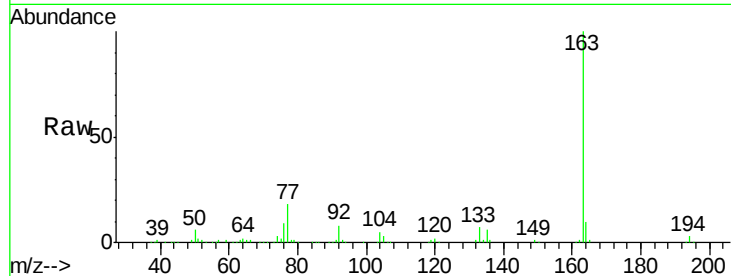
#49
Dimethylphthalate
Concen: 16.74 ng
RT: 9.69 min Scan# 648
Delta R.T. -0.06 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	3.1	4.7
164	9.9	8.2	12.4

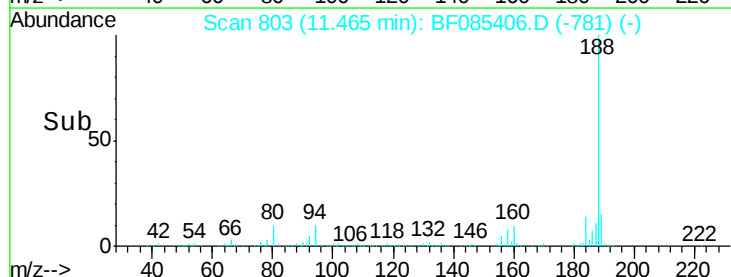
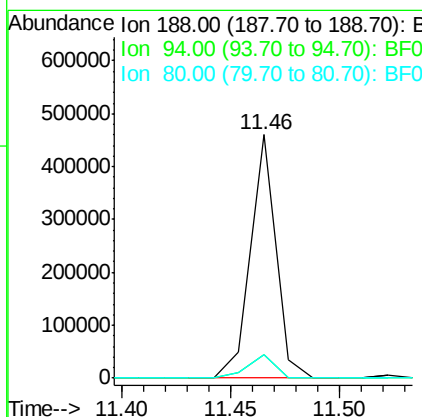
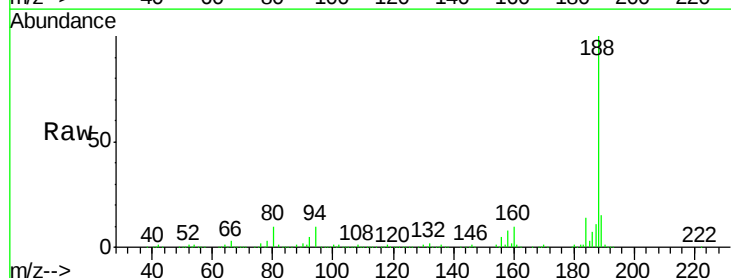
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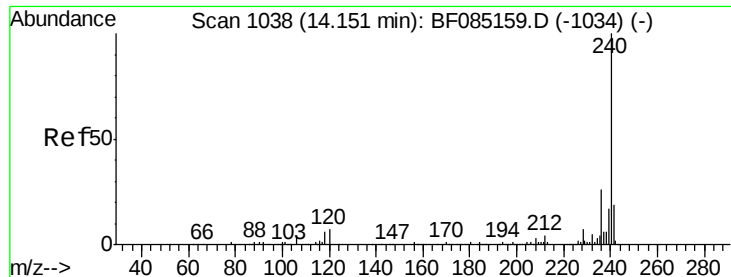
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	7.0	10.6
80	9.8	7.4	11.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Instrument :

BNA_F

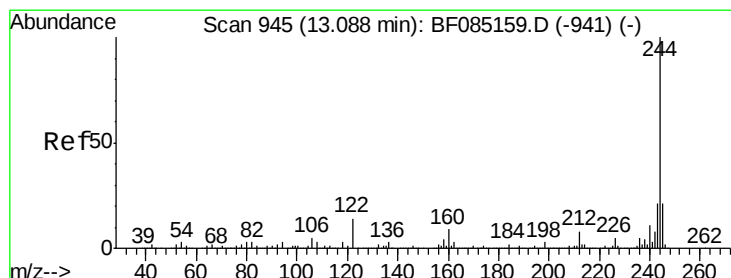
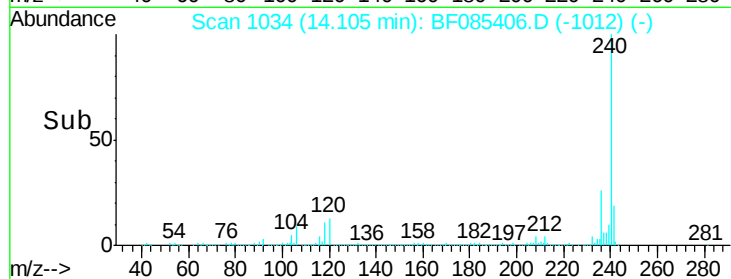
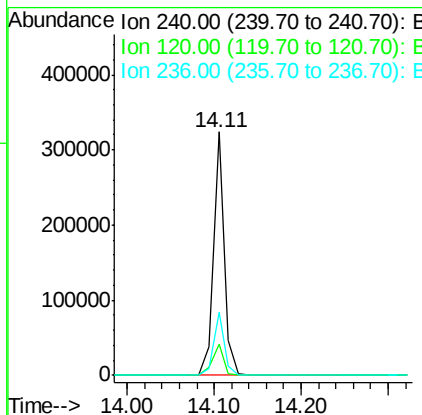
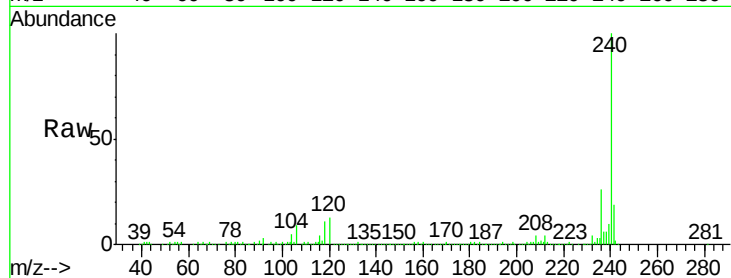
ClientSampleId :

W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	284193		
120	13.0	5.3	7.9#	
236	25.8	20.7	31.1	

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#78

Terphenyl-d14

Concen: 82.28 ng

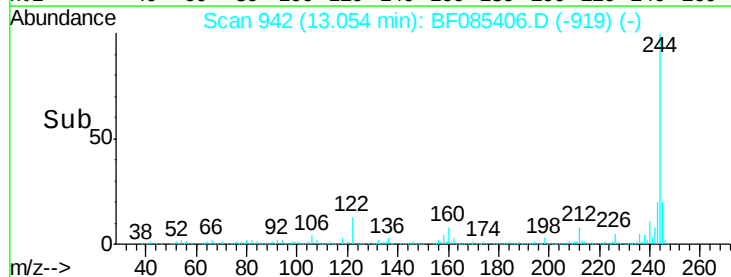
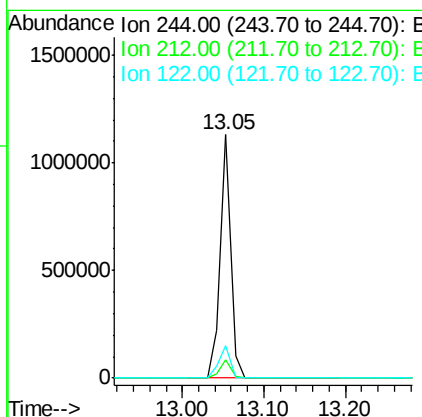
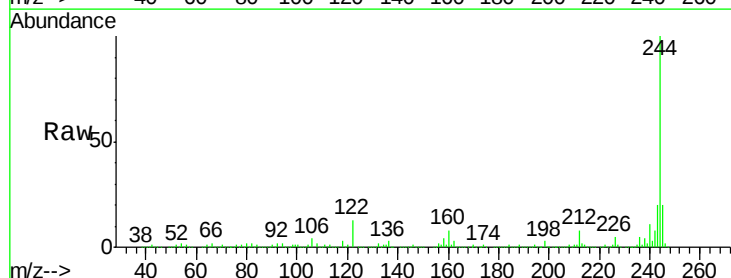
RT: 13.05 min Scan# 942

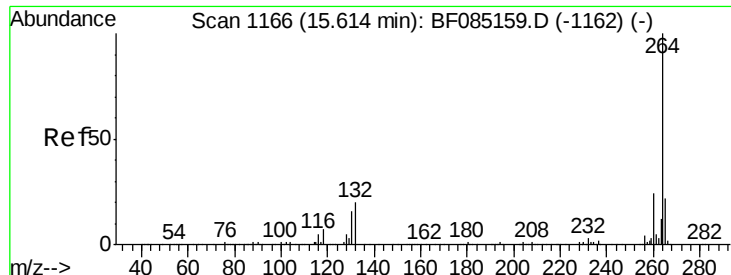
Delta R.T. -0.03 min

Lab File: BF085406.D

Acq: 12 Mar 2016 8:30

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1007272		
212	7.6	6.4	9.6	
122	13.2	11.4	17.2	





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085406.D
Acq: 12 Mar 2016 8:30

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-19-COMP(0.5-3.0)

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.7	19.2	28.8
265	21.9	17.3	25.9

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