

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
 Data File : BF085314.D
 Acq On : 9 Mar 2016 22:32
 Operator : UM/SJ
 Sample : H1724-07
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SE

Manual Integrations
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Quant Time: Mar 10 01:06:56 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	170903	20.00	ng	-0.03
21) Naphthalene-d8	8.23	136	729229	20.00	ng	-0.03
38) Acenaphthene-d10	9.99	164	335373	20.00	ng	-0.03
63) Phenanthrene-d10	11.48	188	603596	20.00	ng	-0.03
75) Chrysene-d12	14.11	240	357058	20.00	ng	-0.05
86) Perylene-d12	15.57	264	251722	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1591454	156.20	ng	-0.01
7) Phenol-d6	6.57	99	1873969	140.39	ng	-0.03
23) Nitrobenzene-d5	7.51	82	1150447	84.42	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	393804	137.23	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1615564	73.26	ng	-0.05
78) Terphenyl-d14	13.07	244	1399860	91.01	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.70	163	418113	16.24	ng	Qvalue 99

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

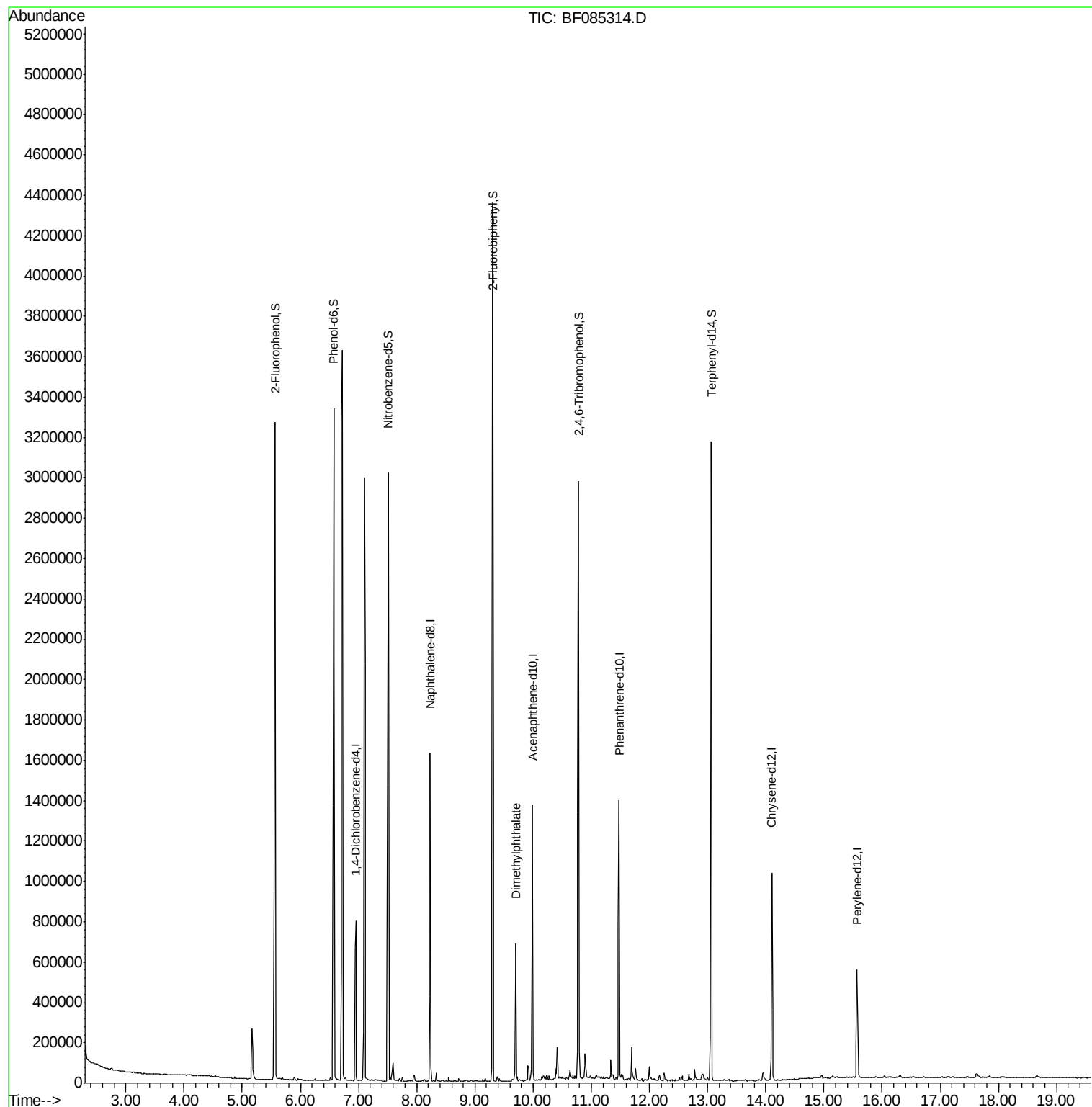
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030916\
Data File : BF085314.D
Acq On : 9 Mar 2016 22:32
Operator : UM/SJ
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Misc :
ALS Vial : 16 Sample Multiplier: 1

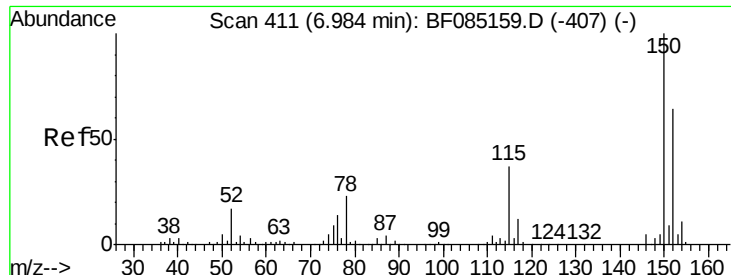
Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.03 min

Lab File: BF085314.D

Acq: 9 Mar 2016 22:32

Instrument :

BNA_F

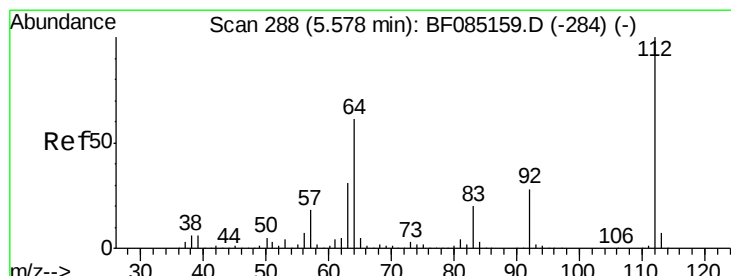
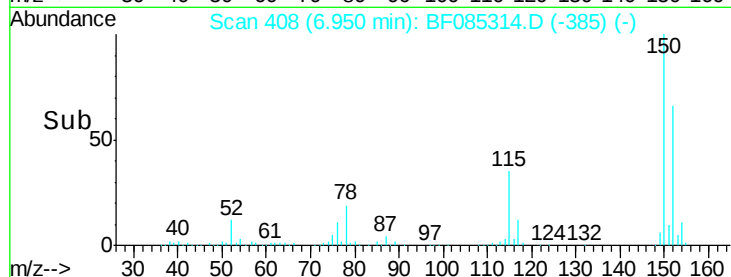
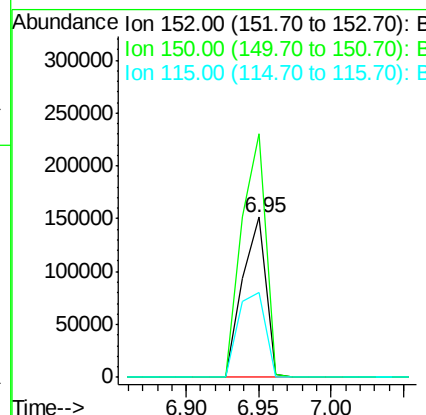
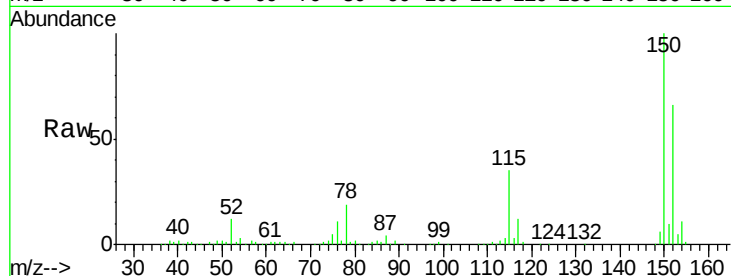
ClientSampleId :

UST-SW-SE

Tgt	Ion	152	Resp:	170903
Ion	Ratio	Lower	Upper	
152	100			
150	152.2	124.6	186.8	
115	53.0	46.6	70.0	

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#5

2-Fluorophenol

Concen: 156.20 ng

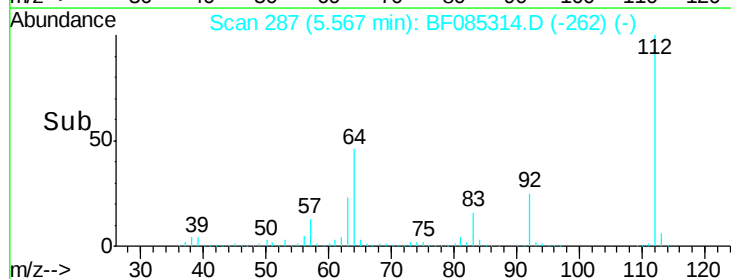
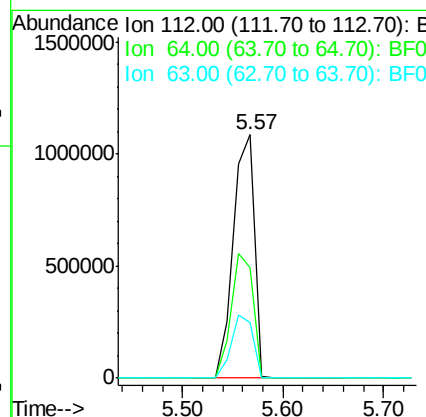
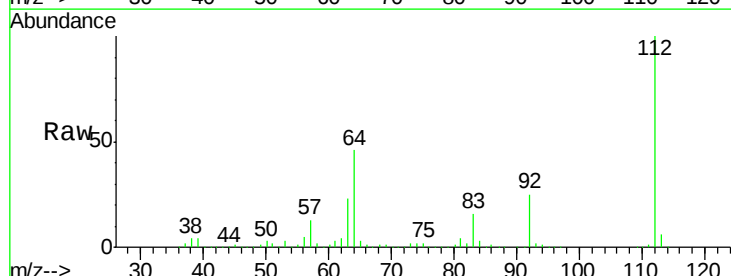
RT: 5.57 min Scan# 287

Delta R.T. -0.01 min

Lab File: BF085314.D

Acq: 9 Mar 2016 22:32

Tgt	Ion	112	Resp:	1591454
Ion	Ratio	Lower	Upper	
112	100			
64	45.6	49.0	73.4#	
63	22.9	24.8	37.2#	





#7

Phenol-d6

Concen: 140.39 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085314.D

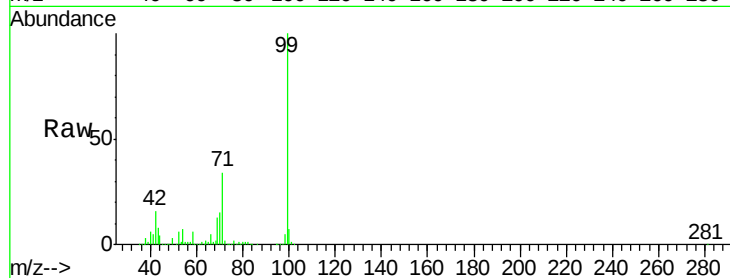
Acq: 9 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 99 Resp: 1873969

Ion Ratio Lower Upper

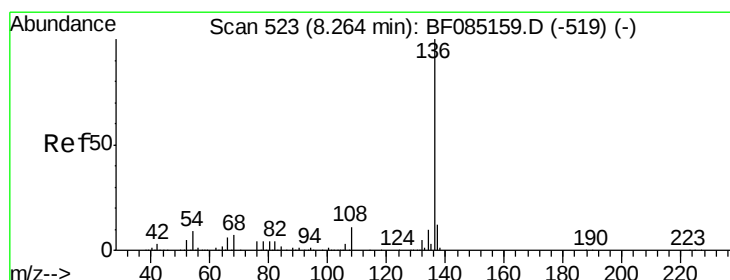
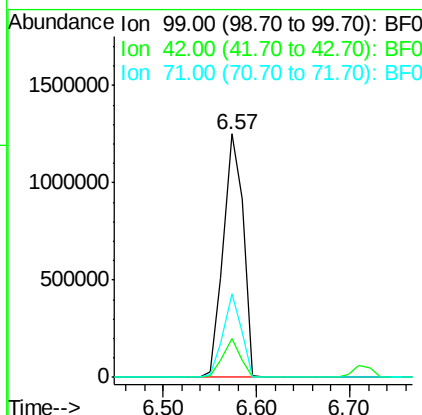
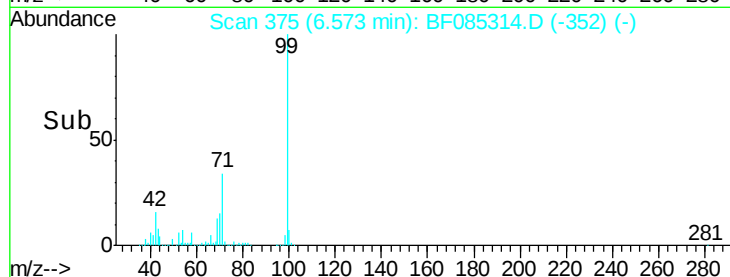
99 100

42 16.2 13.6 20.4

71 34.2 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: BF085314.D

Acq: 9 Mar 2016 22:32

Tgt Ion: 136 Resp: 729229

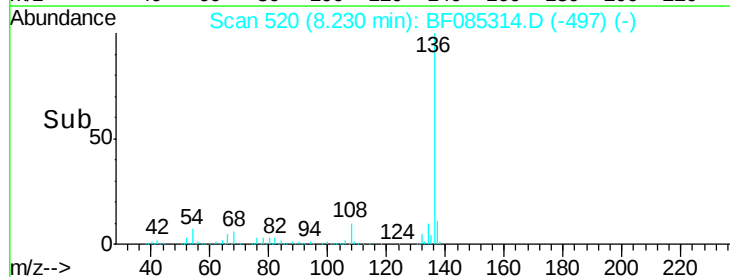
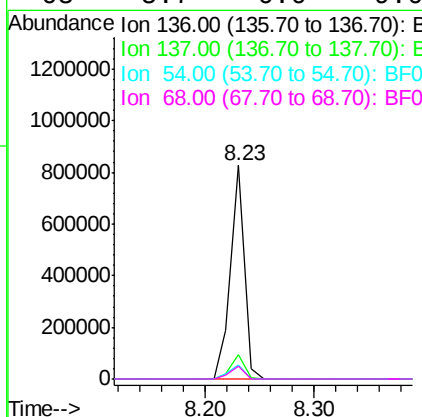
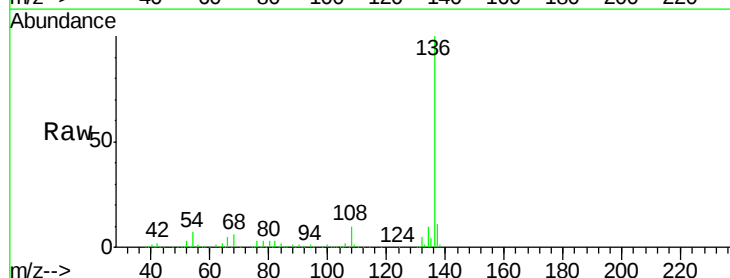
Ion Ratio Lower Upper

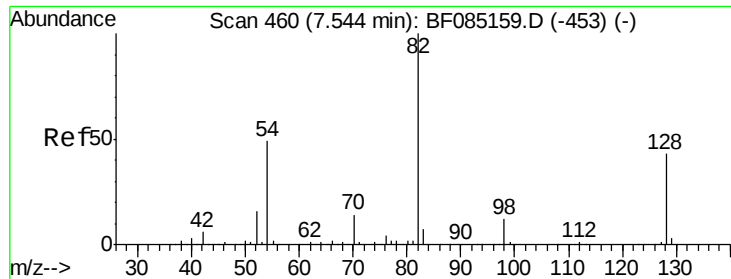
136 100

137 11.1 9.3 13.9

54 6.7 7.4 11.2#

68 5.7 6.0 9.0#





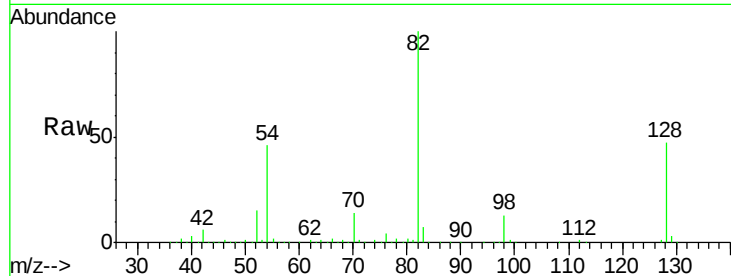
#23
 Nitrobenzene-d5
 Concen: 84.42 ng
 RT: 7.51 min Scan# 457
 Delta R.T. -0.03 min
 Lab File: BF085314.D
 Acq: 9 Mar 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
 UST-SW-SE

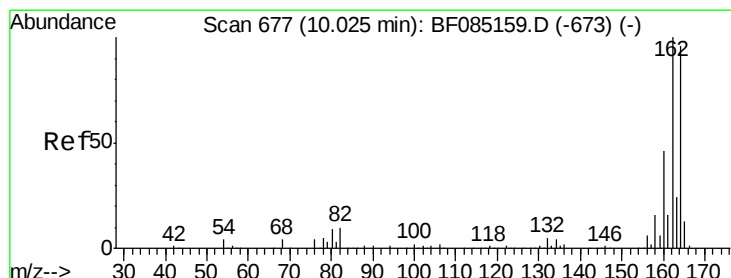
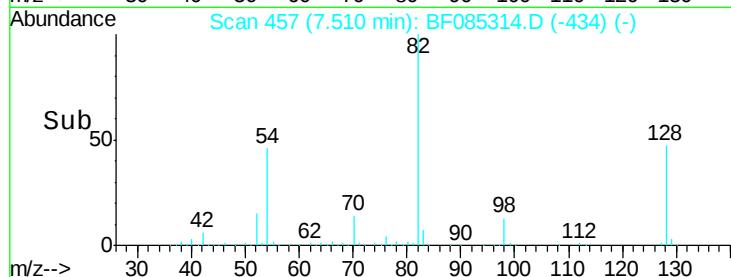
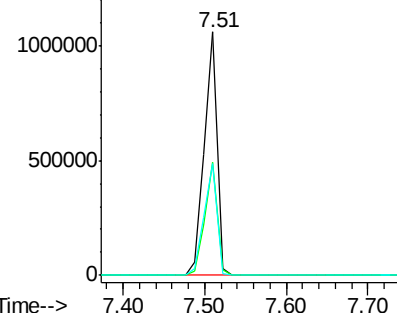
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.5	51.7
54	46.1	39.3	58.9

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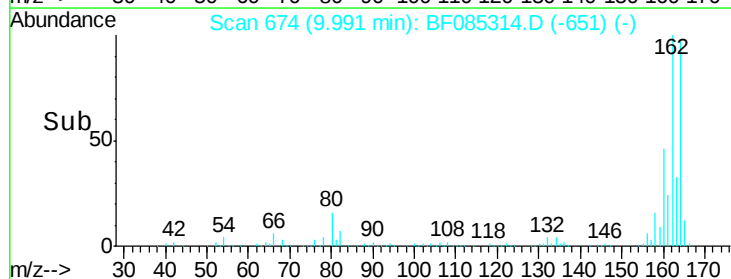
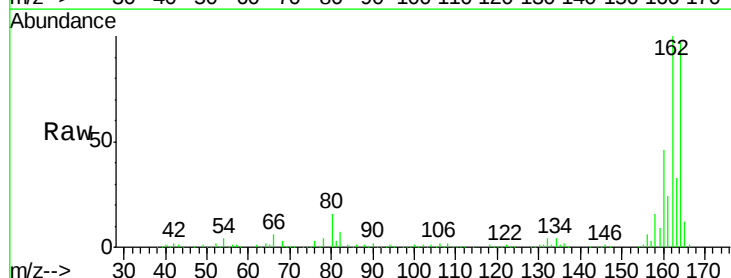
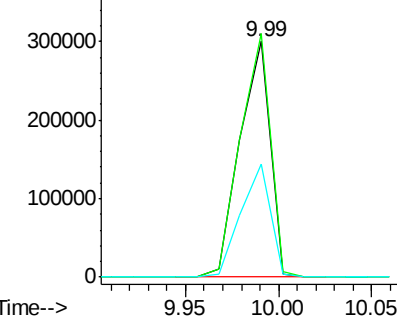
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF085314.D
 Acq: 9 Mar 2016 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.3	124.9
160	48.0	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





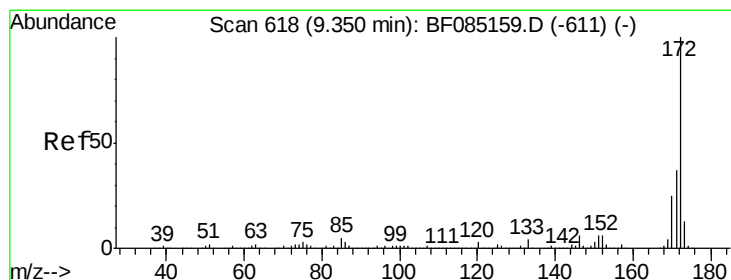
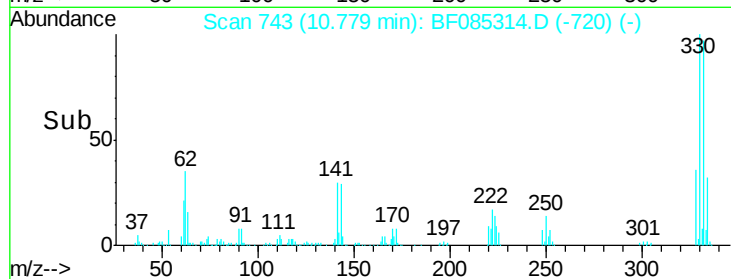
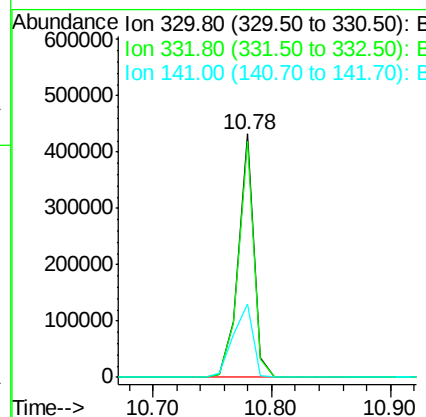
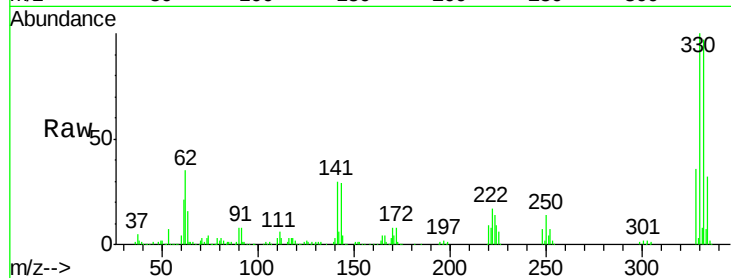
#41
 2,4,6-Tribromophenol
 Concen: 137.23 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085314.D
 Acq: 9 Mar 2016 22:32

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	393804		
332	97.0	77.1	115.7	
141	37.7	35.0	52.6	

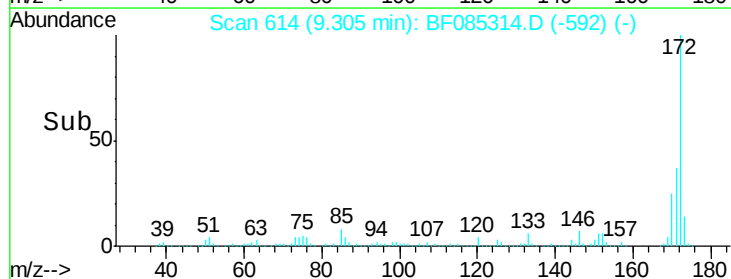
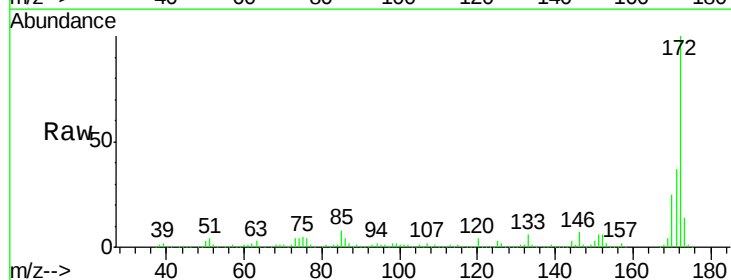
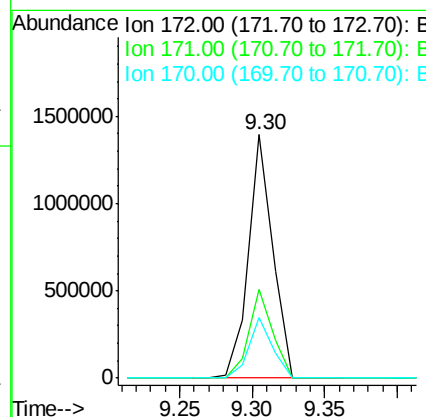
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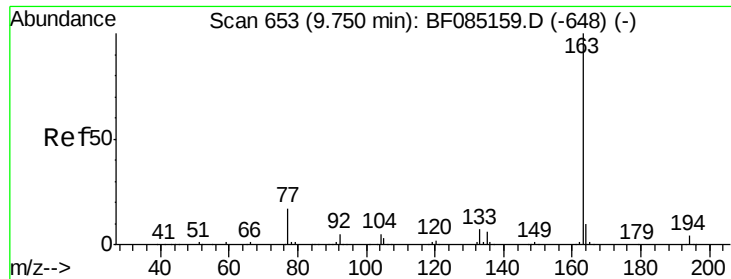
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#44
 2-Fluorobiphenyl
 Concen: 73.26 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085314.D
 Acq: 9 Mar 2016 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1615564		
171	36.6	29.3	43.9	
170	24.7	20.0	30.0	





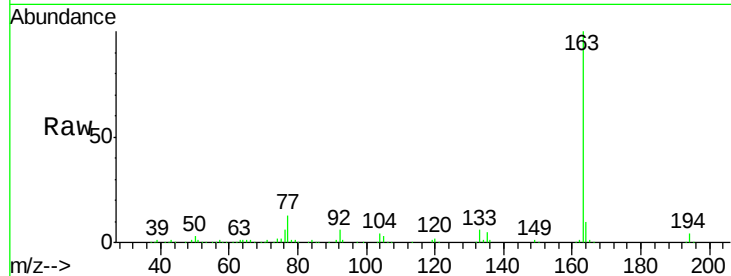
#49
Dimethylphthalate
Concen: 16.24 ng
RT: 9.70 min Scan# 649
Delta R.T. -0.05 min
Lab File: BF085314.D
Acq: 9 Mar 2016 22:32

Instrument :
BNA_F
ClientSampleId :
UST-SW-SE

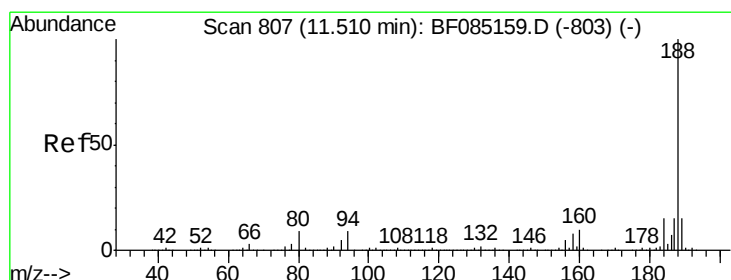
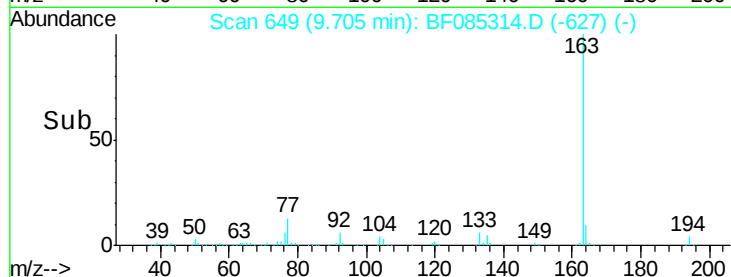
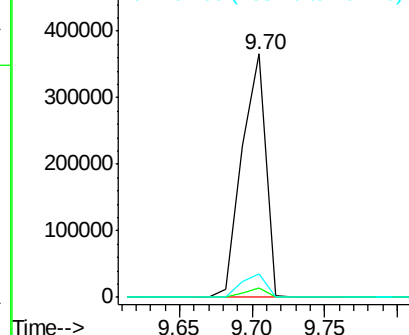
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	418113		
194	4.0	3.1	4.7	
164	9.6	8.2	12.4	

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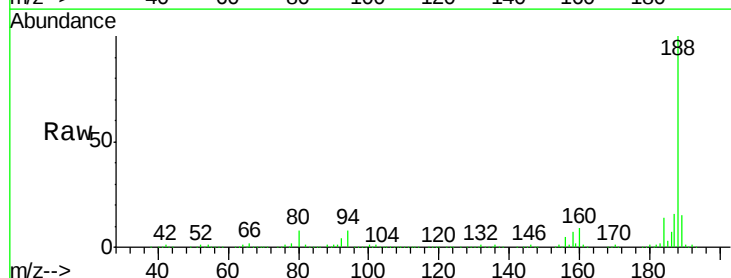


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

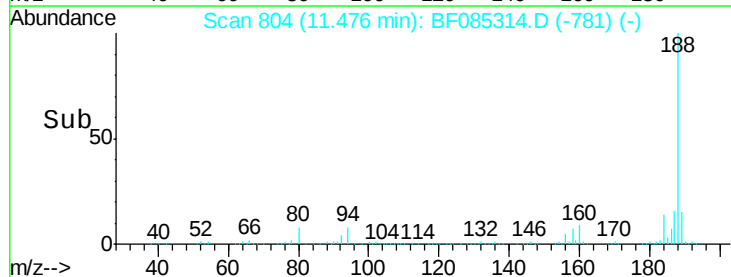
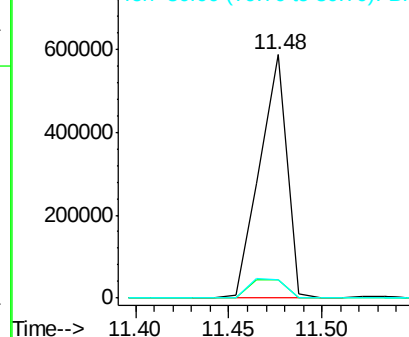


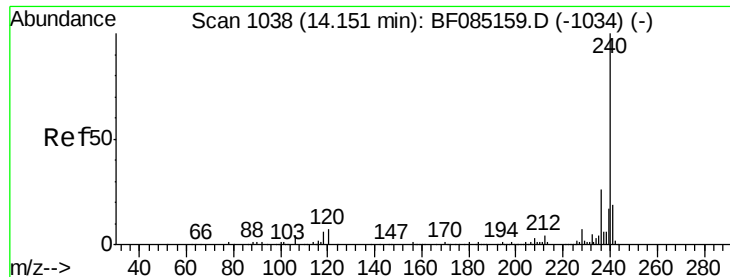
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.48 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF085314.D
Acq: 9 Mar 2016 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	603596		
94	7.6	7.0	10.6	
80	7.8	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: BF085314.D

Acq: 9 Mar 2016 22:32

Instrument :

BNA_F

ClientSampleId :

UST-SW-SE

Tgt Ion:240 Resp: 357058
Ion Ratio Lower Upper

240 100

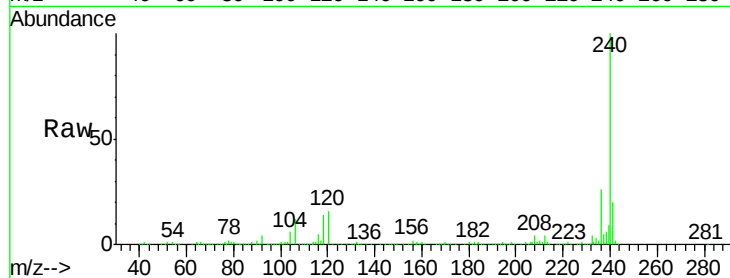
120 16.4 5.3 7.9#

236 26.4 20.7 31.1

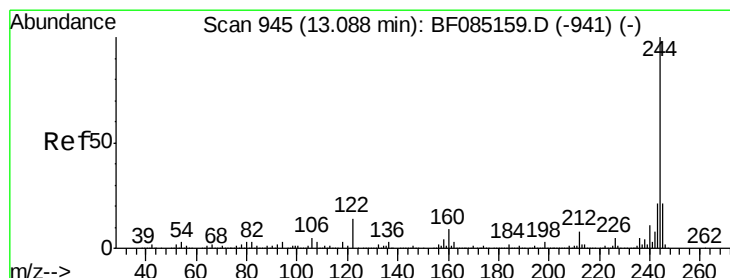
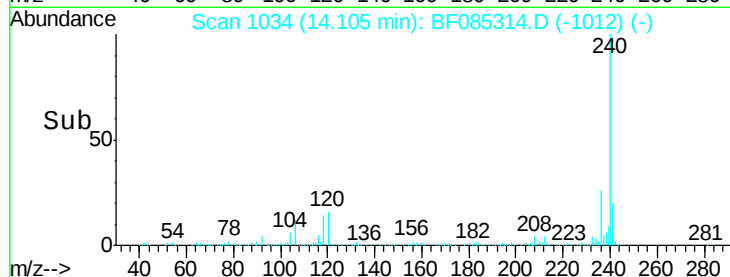
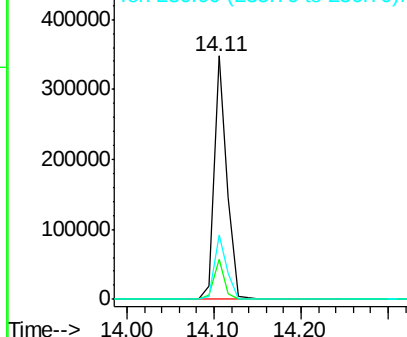
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 91.01 ng

RT: 13.07 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF085314.D

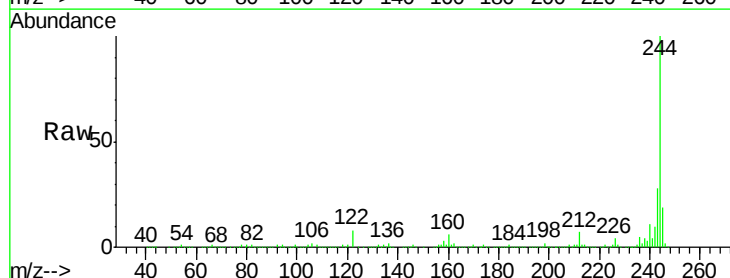
Acq: 9 Mar 2016 22:32

Tgt Ion:244 Resp: 1399860
Ion Ratio Lower Upper

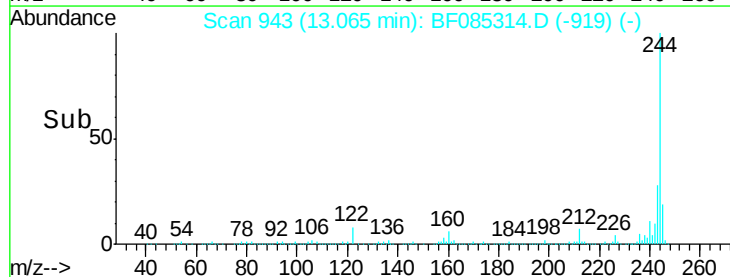
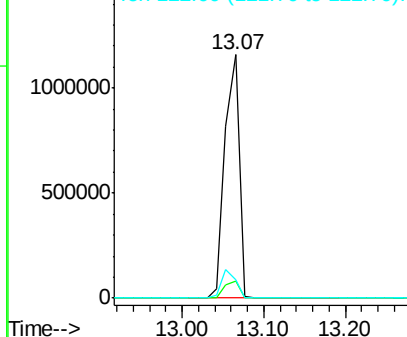
244 100

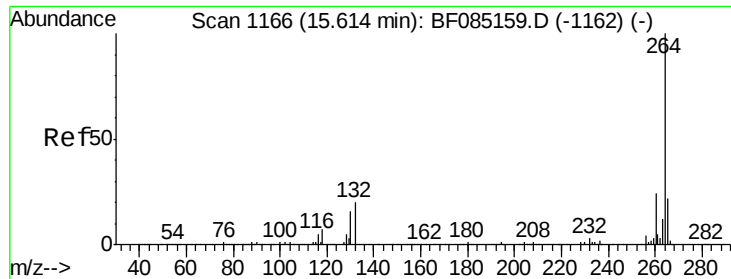
212 6.8 6.4 9.6

122 7.7 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





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 1162
Delta R.T. -0.05 min
Lab File: BF085314.D
Acq: 9 Mar 2016 22:32

Instrument :
BNA_F
ClientSampleId :
UST-SW-SE

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		251722		
260	23.9	19.2	28.8		
265	21.4	17.3	25.9		

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