

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
 Data File : BF085584.D
 Acq On : 19 Mar 2016 20:28
 Operator : UM/SJ
 Sample : H1799-10 25X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB37A(COMP7-21)

Manual Integrations
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Quant Time: Mar 21 03:24:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131634	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	563558	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	231420	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	417297	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	248162	20.00	ng	-0.01
86) Perylene-d12	15.43	264	253084	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	36534	4.66	ng	-0.01
7) Phenol-d6	6.48	99	47178	4.69	ng	-0.01
23) Nitrobenzene-d5	7.41	82	25702	2.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	8097	3.57	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	57752	2.08	ng	-0.01
78) Terphenyl-d14	12.95	244	37709	3.66	ng	-0.01
Target Compounds						
70) Phenanthrene	11.40	178	66837	3.04	ng	98
77) Pyrene	12.81	202	37305	2.09	ng	98

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

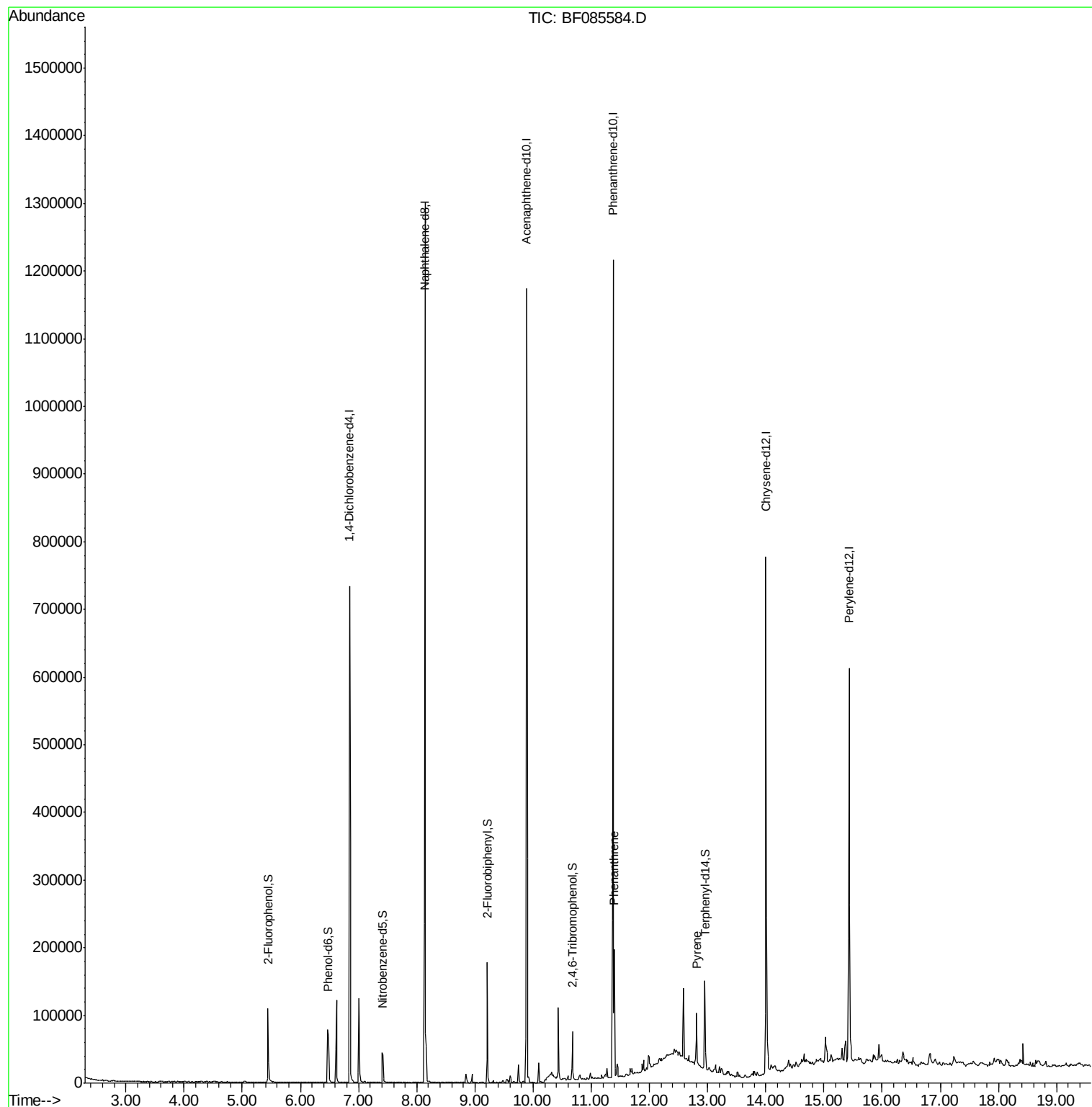
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
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ALS Vial : 45 Sample Multiplier: 1

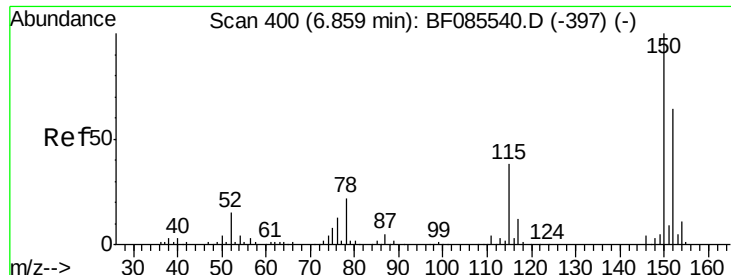
Instrument :
BNA_F
ClientSampleId :
AOU2-SB37A(COMP7-21)

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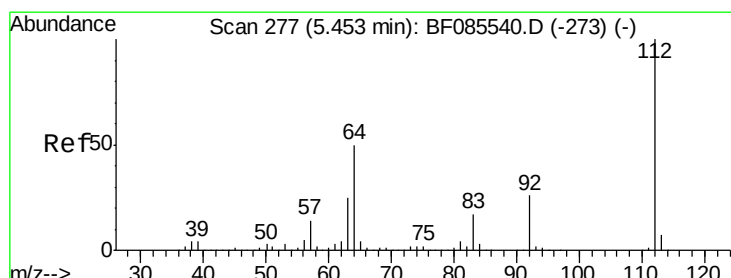
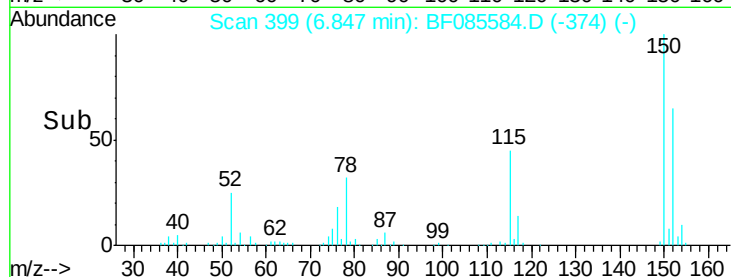
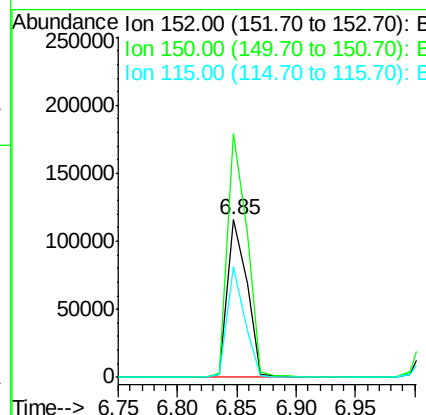
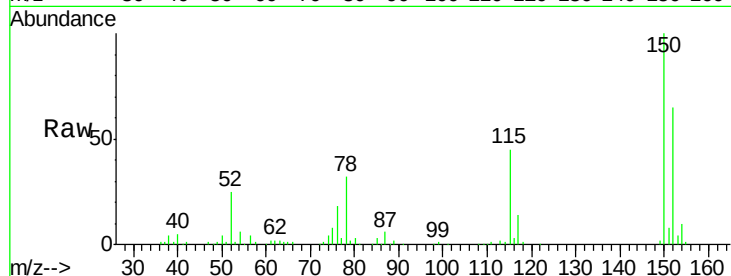
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB37A(COMP7-21)

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	131634		
150	154.9	124.2	186.2	
115	70.2	47.0	70.6	

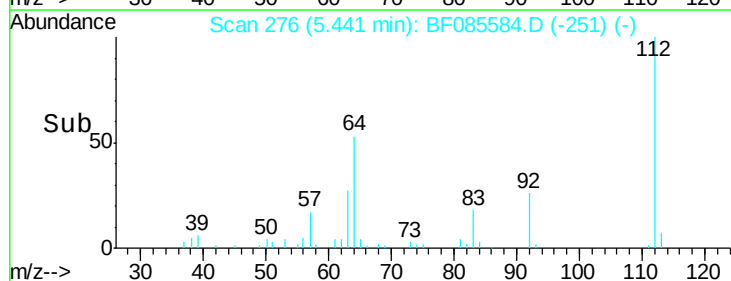
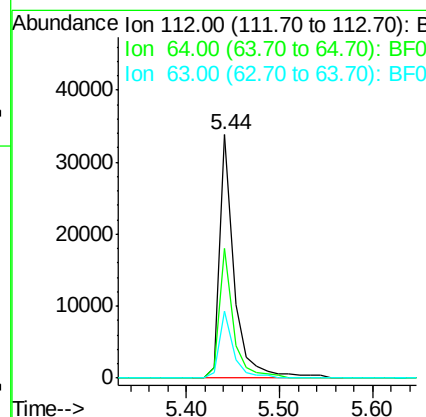
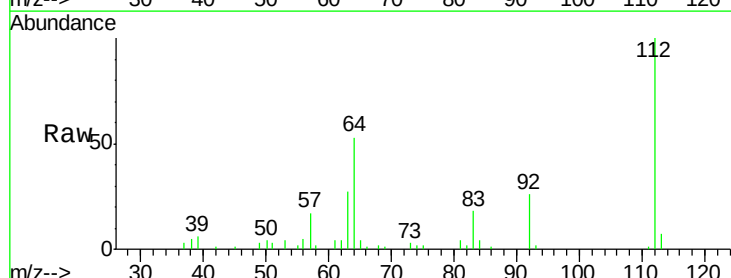
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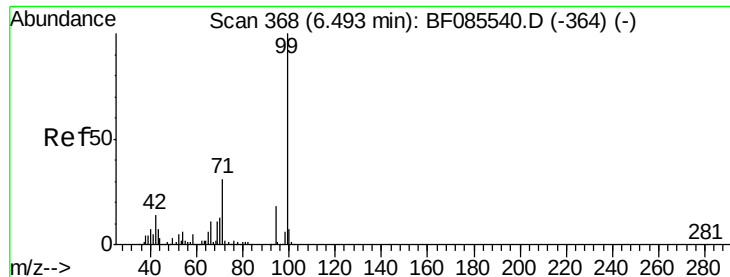
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#5
 2-Fluorophenol
 Concen: 4.66 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	36534		
64	53.1	39.9	59.9	
63	27.3	20.2	30.2	





#7

Phenol-d6

Concen: 4.69 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085584.D

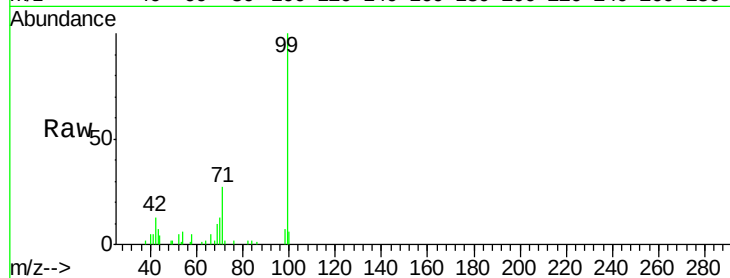
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Instrument :

BNA_F

ClientSampleId :

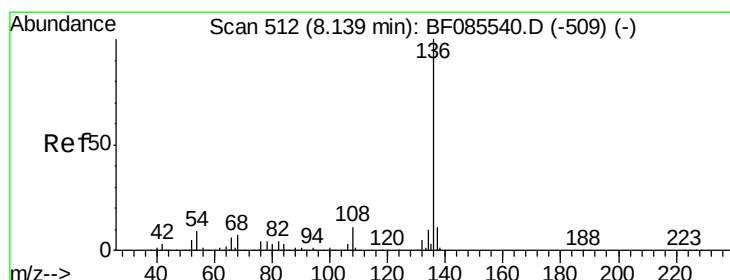
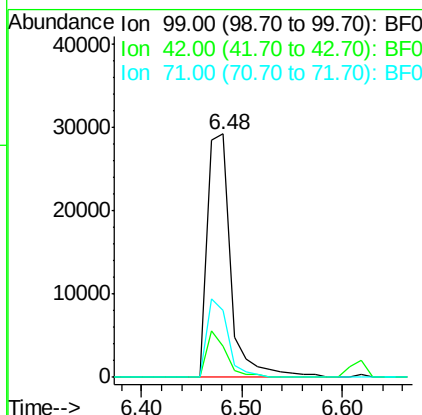
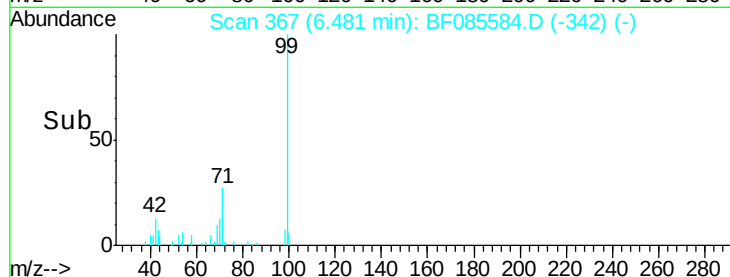
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
99	100		47178		
42	12.9	11.1	16.7		
71	27.4	24.9	37.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

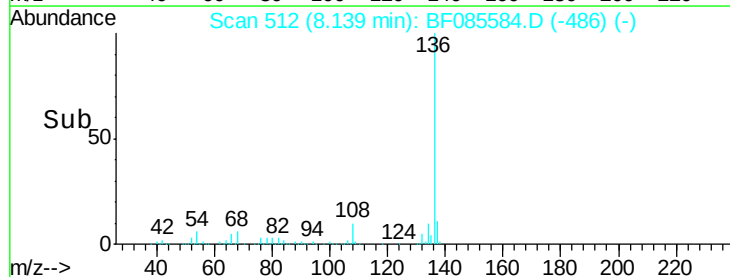
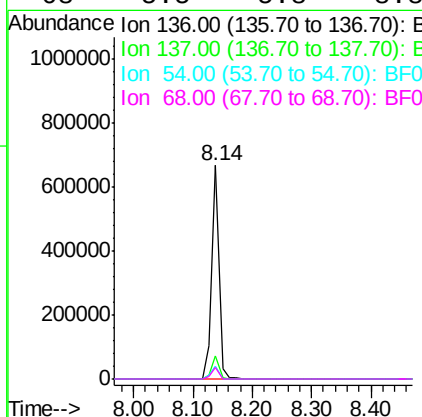
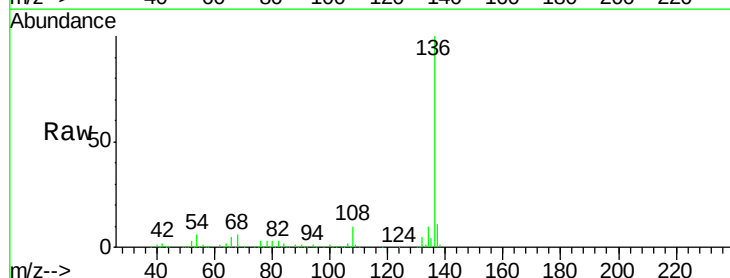
RT: 8.14 min Scan# 512

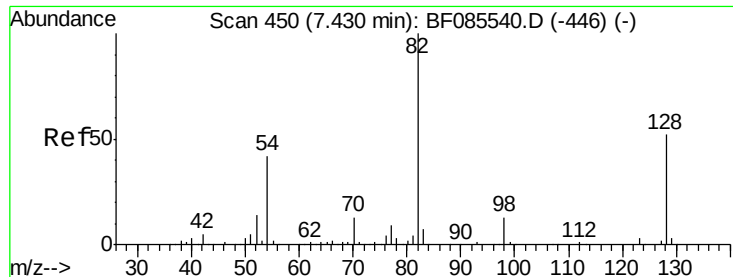
Delta R.T. 0.00 min

Lab File: BF085584.D

Acq: 19 Mar 2016 20:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		563558		
137	10.9	9.1	13.7		
54	6.3	7.4	11.0#		
68	5.5	5.8	8.8#		





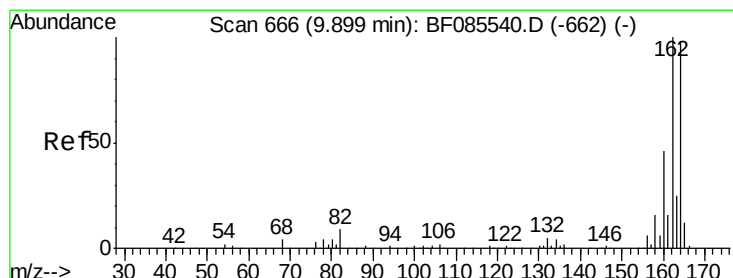
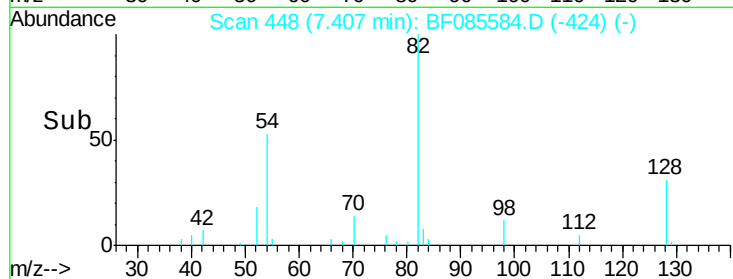
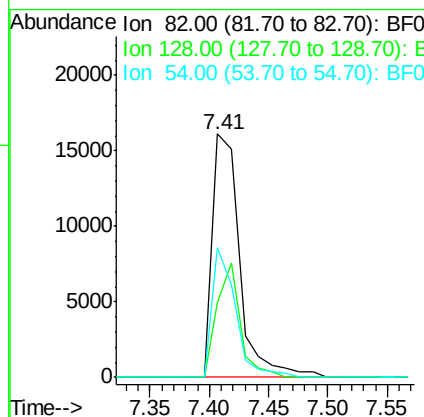
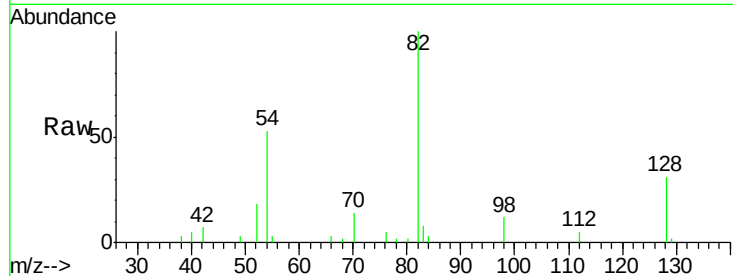
#23
 Nitrobenzene-d5
 Concen: 2.65 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB37A(COMP7-21)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	30.6	41.8	62.8#
54	53.2	33.4	50.0#

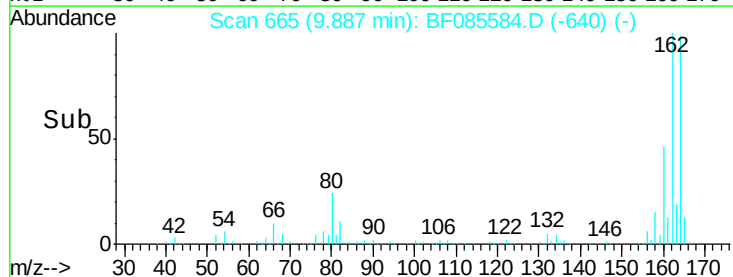
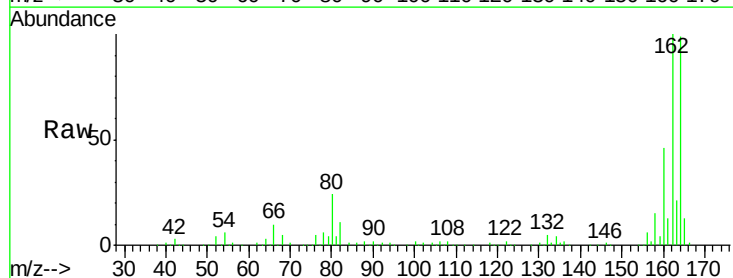
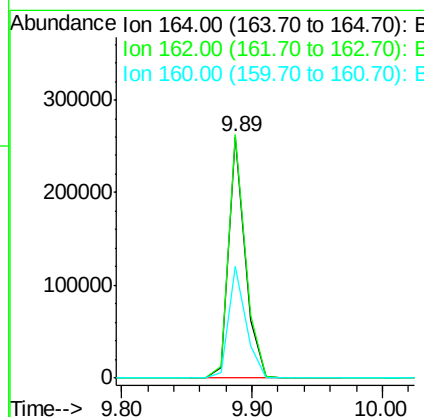
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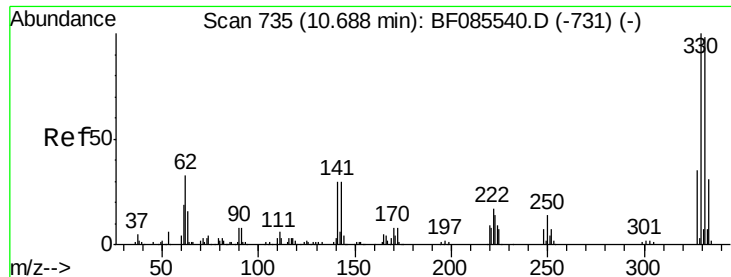
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.1	123.1
160	46.5	37.4	56.2





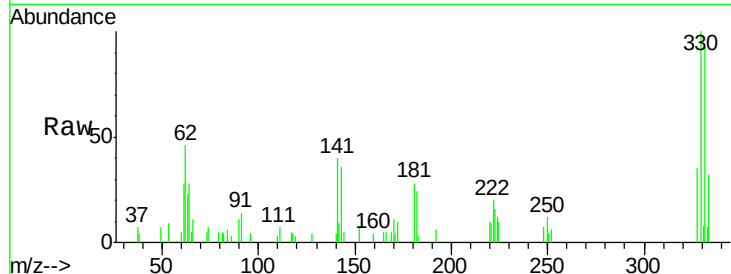
#41
 2,4,6-Tribromophenol
 Concen: 3.57 ng
 RT: 10.68 min Scan# 734
 Delta R.T. -0.01 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Instrument :
 BNA_F
 ClientSampleId :
 AOU2-SB37A(COMP7-21)

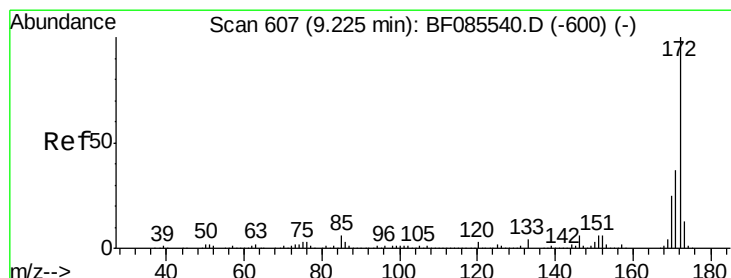
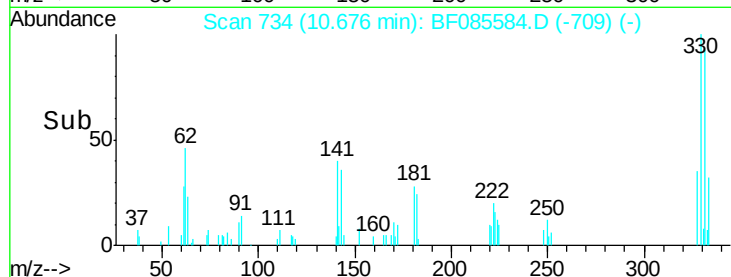
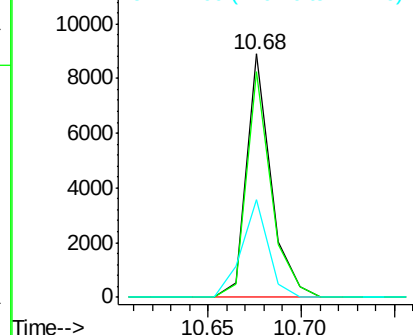
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	8097		
332	94.0		78.2	117.2
141	43.8		31.5	47.3

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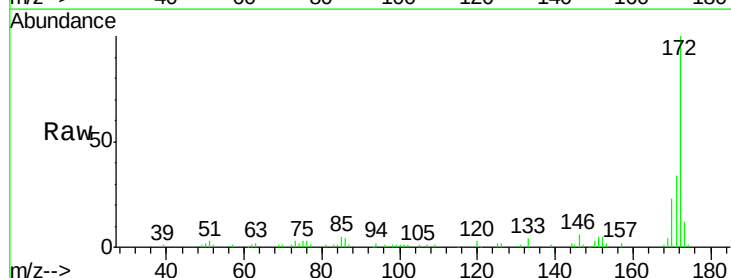


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

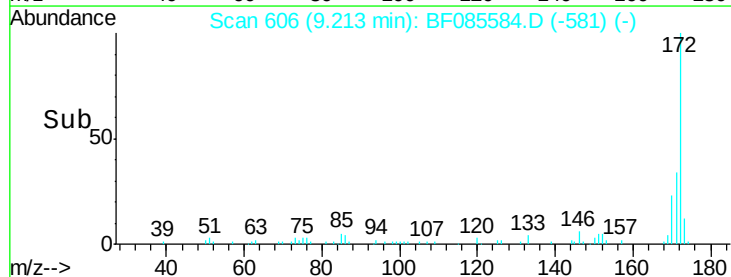
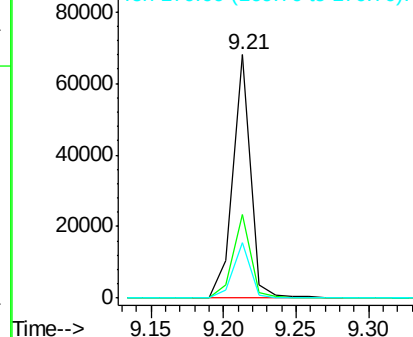


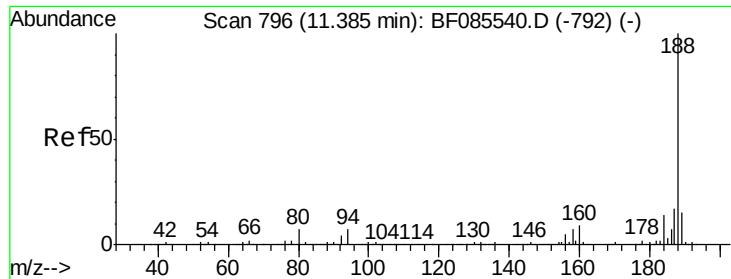
#44
 2-Fluorobiphenyl
 Concen: 2.08 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF085584.D
 Acq: 19 Mar 2016 20:28

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	57752		
171	34.1		29.4	44.2
170	22.9		19.8	29.6



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





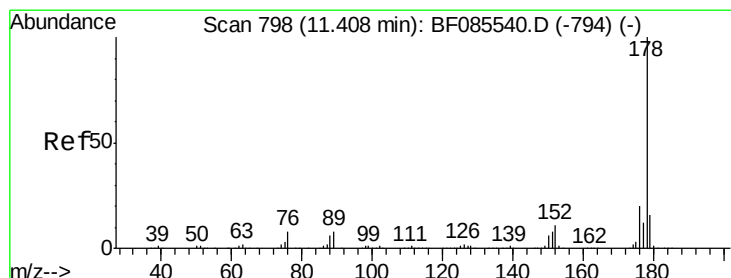
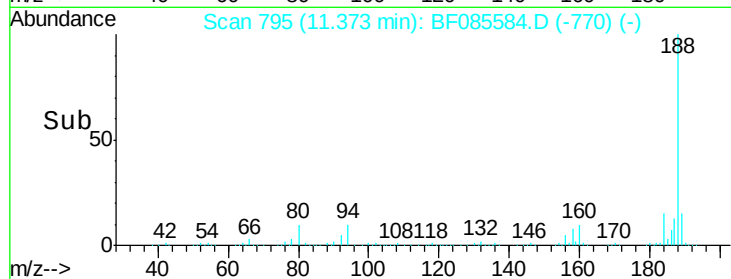
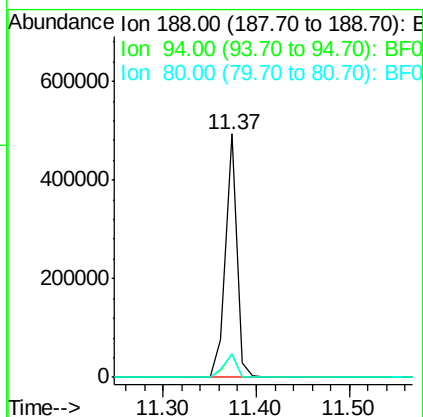
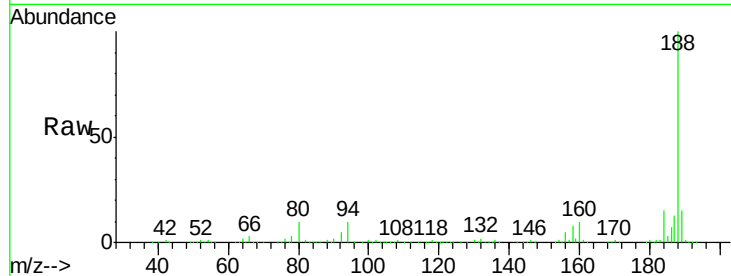
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF085584.D
Acq: 19 Mar 2016 20:28

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.6	5.4	8.0#
80	9.6	5.5	8.3#

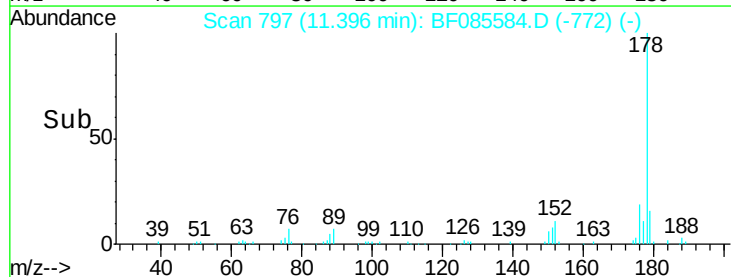
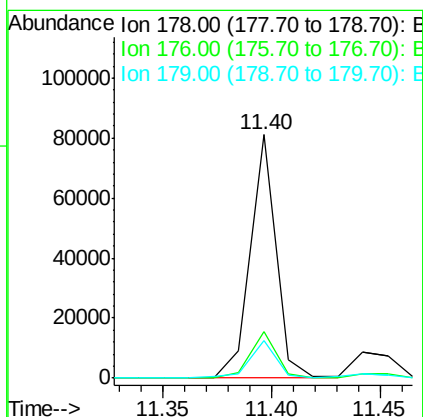
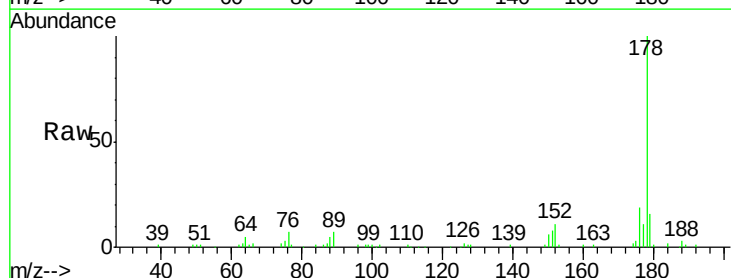
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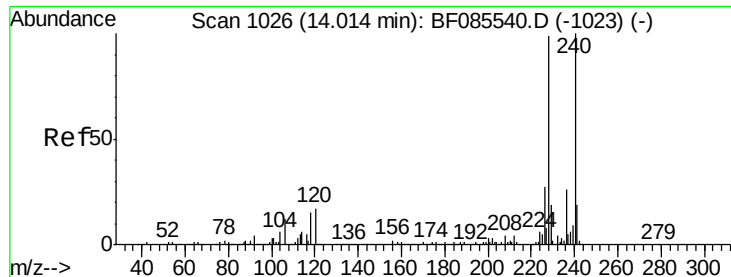
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#70
Phenanthrene
Concen: 3.04 ng
RT: 11.40 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF085584.D
Acq: 19 Mar 2016 20:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	16.3	24.5
179	15.6	12.6	18.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF085584.D

Acq: 19 Mar 2016 20:28

Instrument :

BNA_F

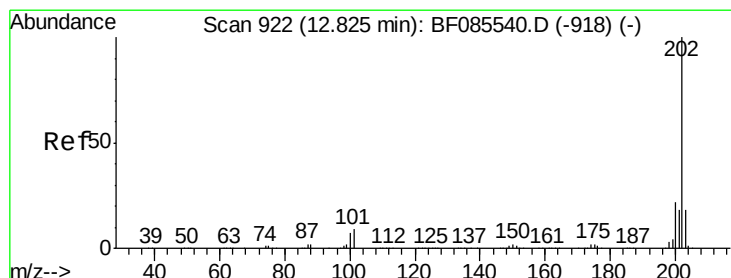
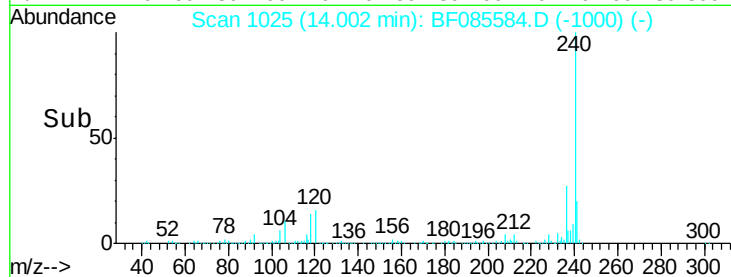
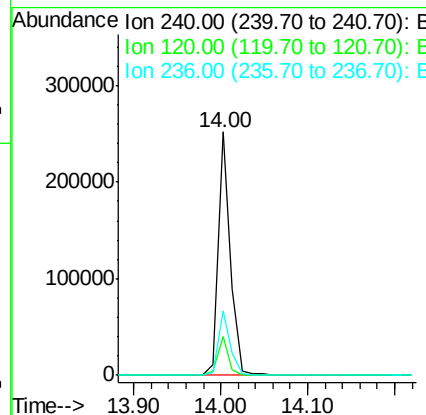
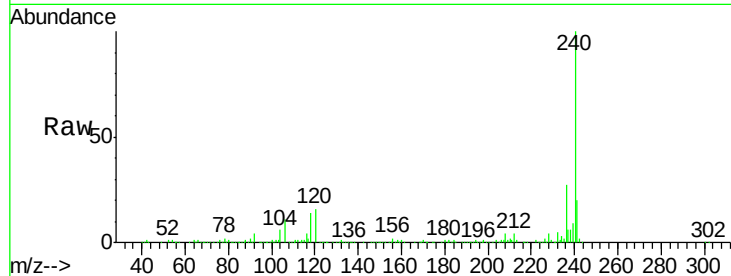
ClientSampleId :

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Tgt Ion:	240	Resp:	248162
Ion Ratio	Lower	Upper	
240	100		
120	15.8	13.8	20.8
236	26.7	20.6	30.8

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#77

Pyrene

Concen: 2.09 ng

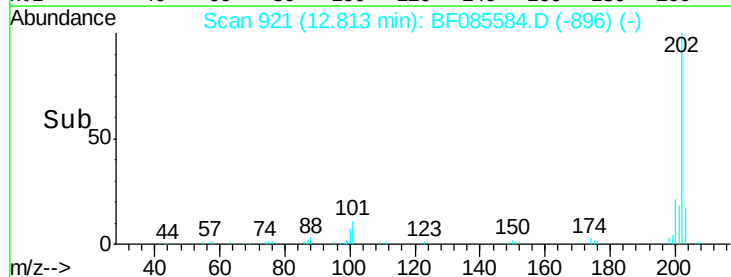
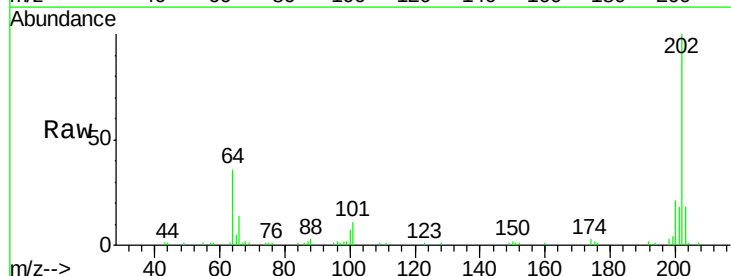
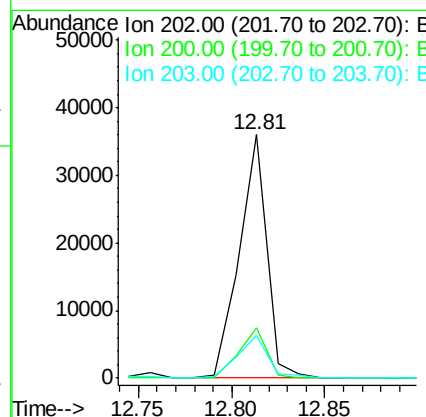
RT: 12.81 min Scan# 921

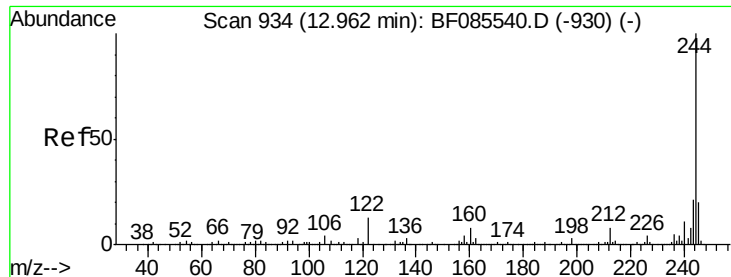
Delta R.T. -0.01 min

Lab File: BF085584.D

Acq: 19 Mar 2016 20:28

Tgt Ion:	202	Resp:	37305
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.6	26.4
203	17.7	14.0	21.0





#78

Terphenyl-d14

Concen: 3.66 ng

RT: 12.95 min Scan# 933

Delta R.T. -0.01 min

Lab File: BF085584.D

Acq: 19 Mar 2016 20:28

Instrument :

BNA_F

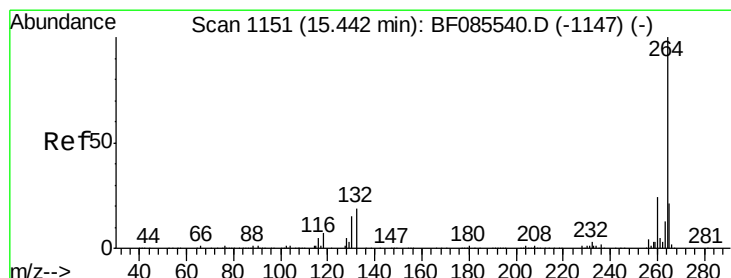
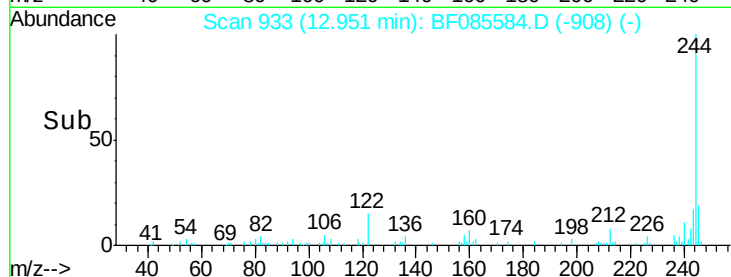
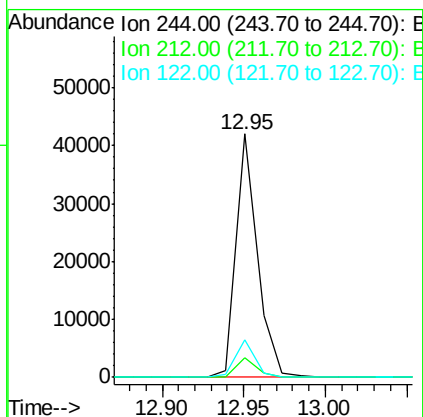
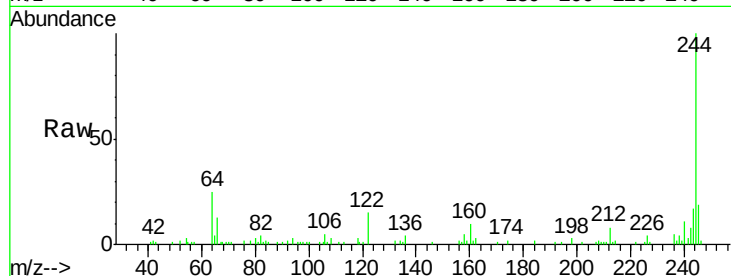
ClientSampleId :

AOU2-SB37A(COMP7-21)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.1	9.1
122	15.4	10.2	15.4

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#86

Perylene-d12

Concen: 20.00 ng

RT: 15.43 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BF085584.D

Acq: 19 Mar 2016 20:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	17.2	25.8

