

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084598.D
 Acq On : 22 Jan 2016 19:18
 Operator : SJ/IZ
 Sample : H1217-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Manual Integrations
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Quant Time: Jan 23 00:40:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 14 14:15:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	192468m	20.00	ng	-0.09
21) Naphthalene-d8	8.03	136	830829	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	348943	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	642948	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	423613	20.00	ng	-0.10
86) Perylene-d12	15.29	264	374849	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	158423	13.31	ng	-0.10
7) Phenol-d6	6.38	99	208360	13.94	ng	-0.09
23) Nitrobenzene-d5	7.31	82	121356	8.13	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	36727	10.43	ng	-0.10
44) 2-Fluorobiphenyl	9.10	172	210022	4.60	ng	-0.09
78) Terphenyl-d14	12.85	244	157640	8.31	ng	-0.09
Target Compounds						Qvalue
70) Phenanthrene	11.29	178	82713	2.46	ng	99
74) Fluoranthene	12.48	202	110256	3.14	ng	93
77) Pyrene	12.70	202	100351	3.02	ng	97

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

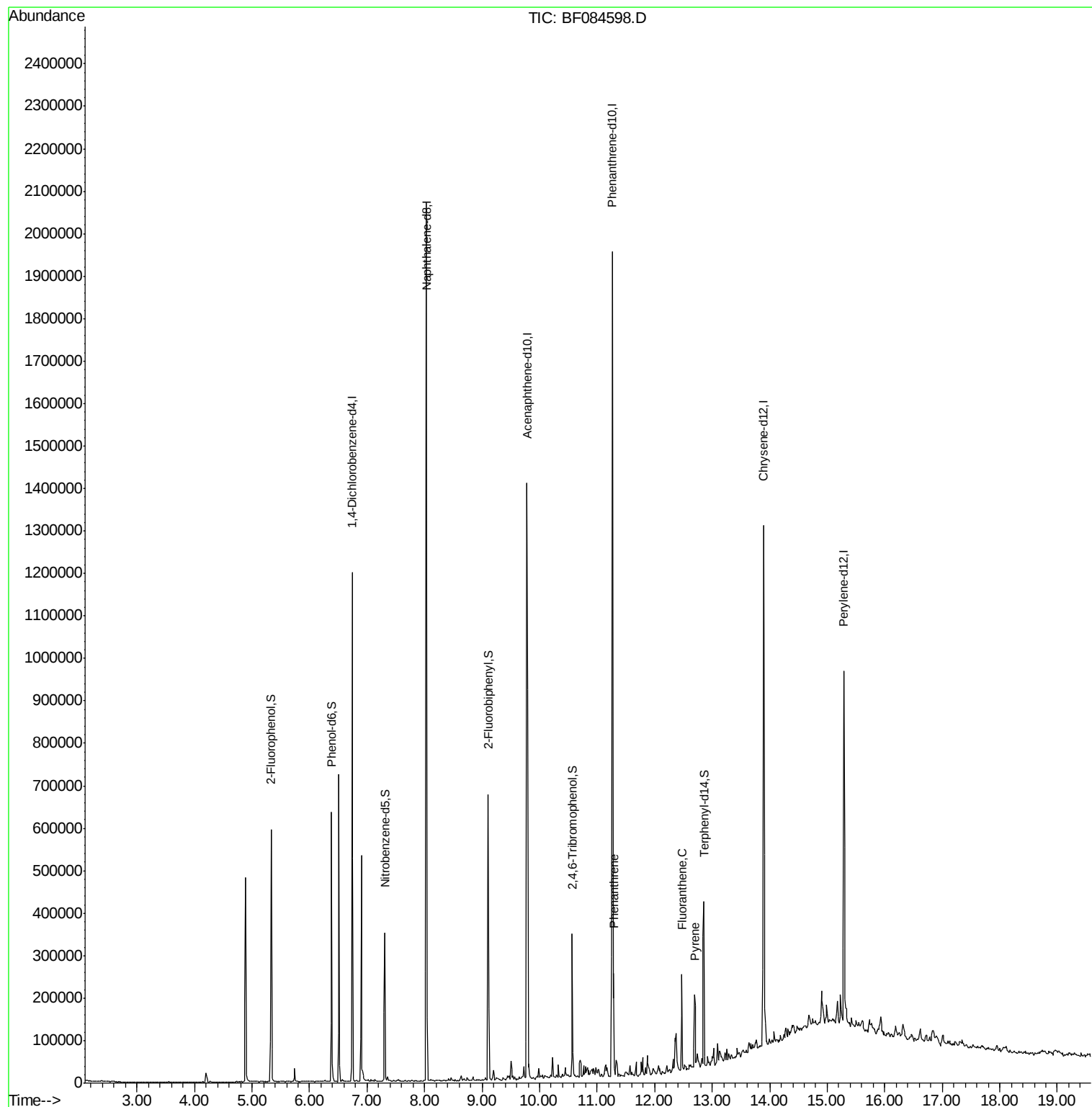
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084598.D
Acq On : 22 Jan 2016 19:18
Operator : SJ/IZ
Sample : H1217-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
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Manual Integrations
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Quant Time: Jan 23 00:40:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration





#1

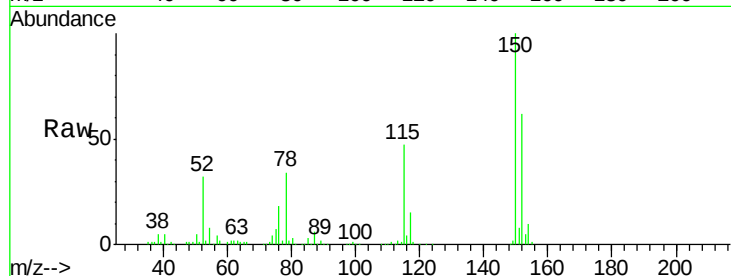
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.74 min Scan# 407
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	123.0	184.4
115	75.3	51.4	77.2

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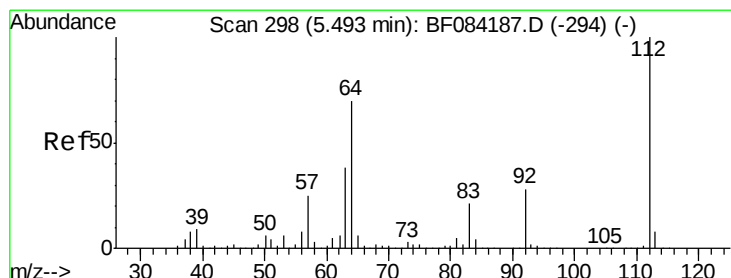
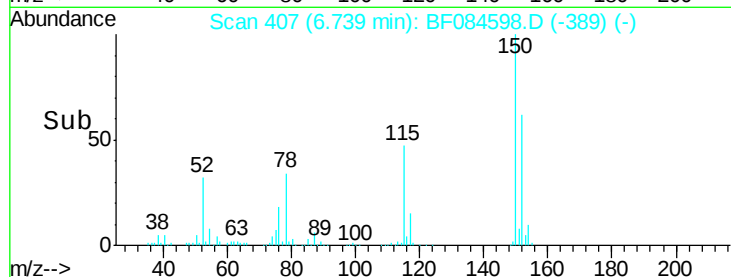
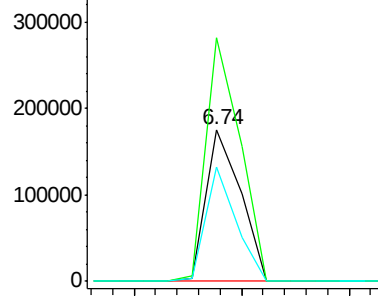


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

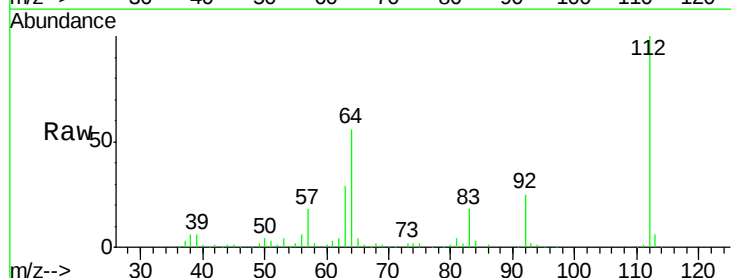
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.31 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	36.6	55.0#
63	28.7	19.4	29.0

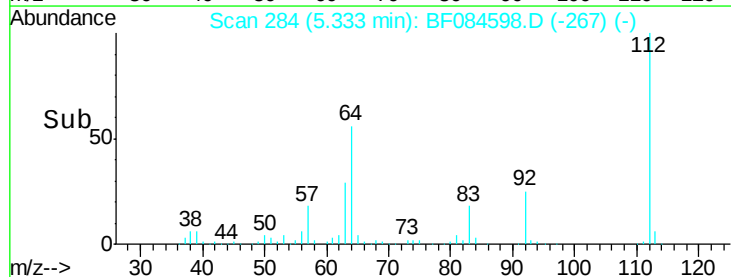
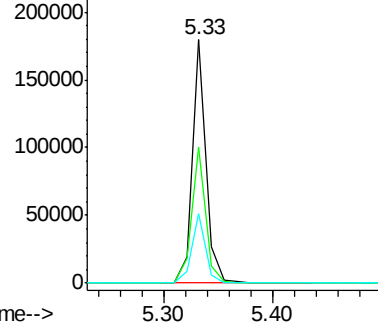


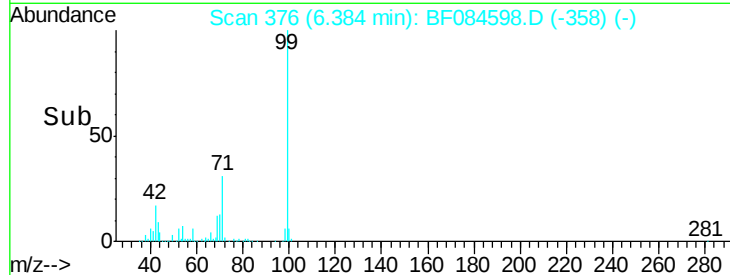
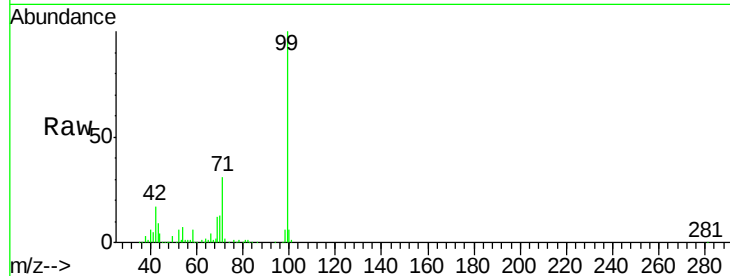
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.94 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.09 min

Lab File: BF084598.D

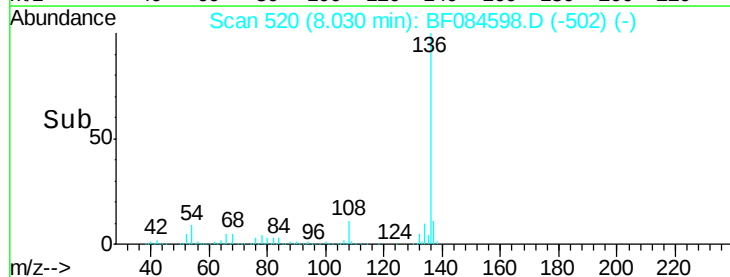
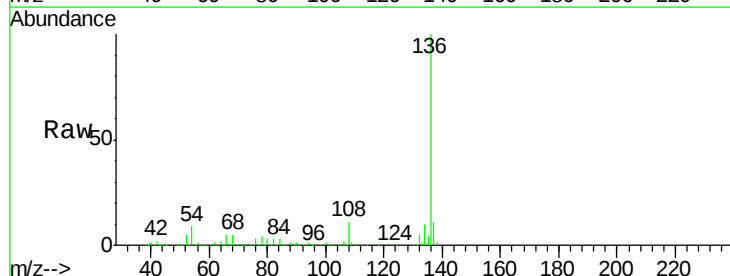
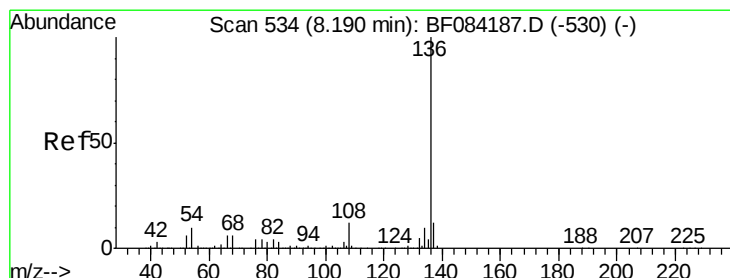
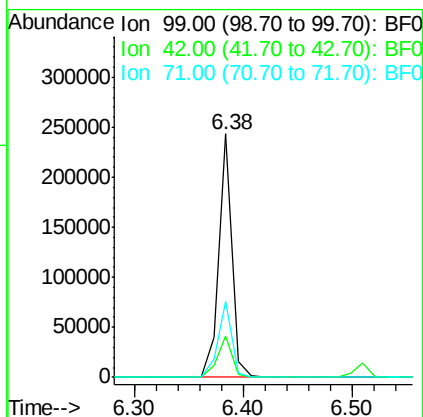
Acq: 22 Jan 2016 19:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		208360		
42	16.8	12.8	19.2		
71	31.3	30.9	46.3		

Instrument :
BNA_F
ClientSampleId :
S-1

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#21

Naphthalene-d8

Concen: 20.00 ng

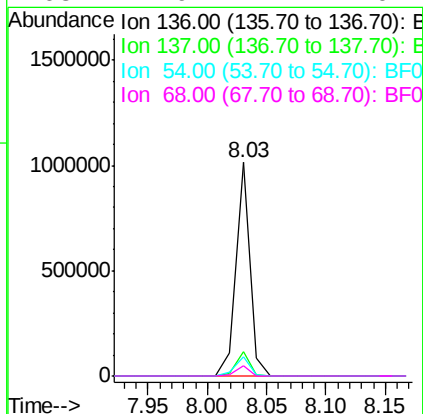
RT: 8.03 min Scan# 520

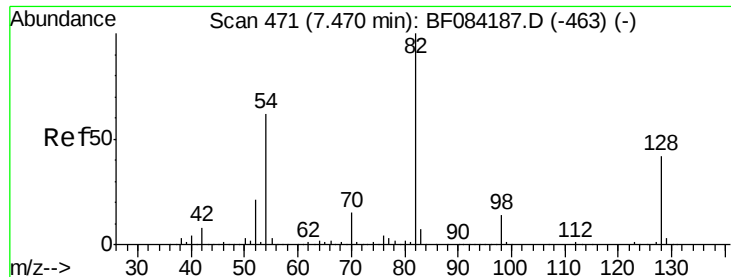
Delta R.T. -0.09 min

Lab File: BF084598.D

Acq: 22 Jan 2016 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		830829		
137	11.3	8.7	13.1		
54	8.8	5.8	8.8#		
68	4.9	4.2	6.2		





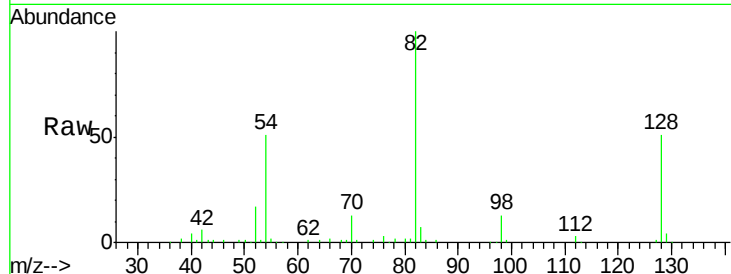
#23
 Nitrobenzene-d5
 Concen: 8.13 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF084598.D
 Acq: 22 Jan 2016 19:18

Instrument :
 BNA_F
 ClientSampled :
 S-1

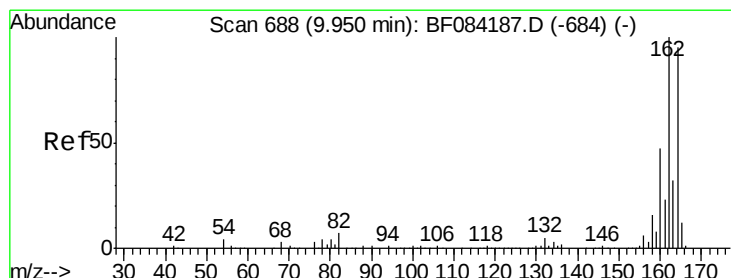
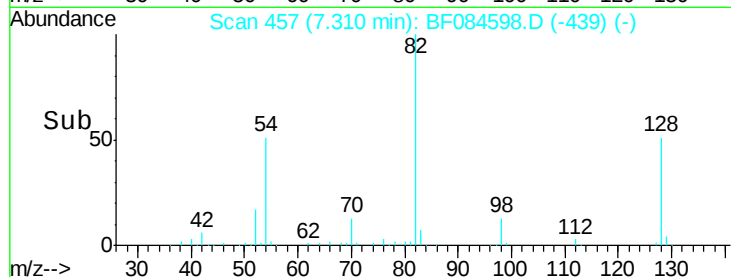
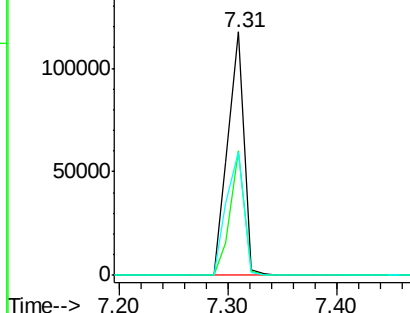
Tot Ion	Ratio	Resp	Lower	Upper
82	100	121356		
128	51.3	34.6	51.8	
54	50.9	38.4	57.6	

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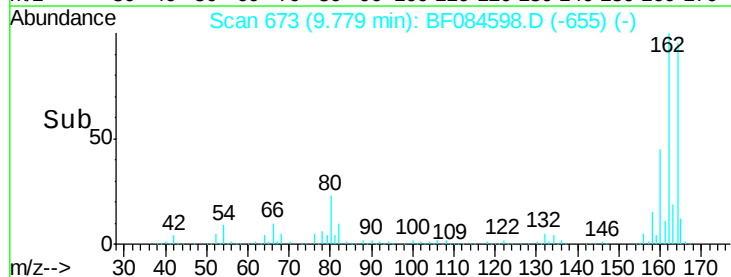
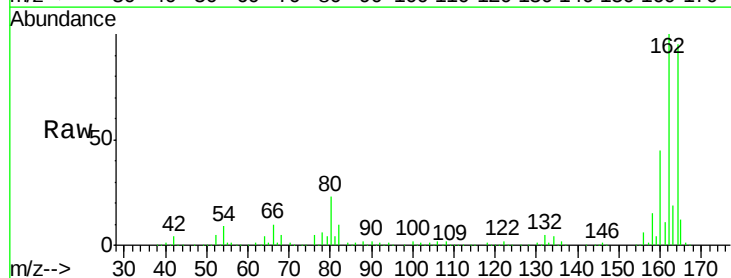
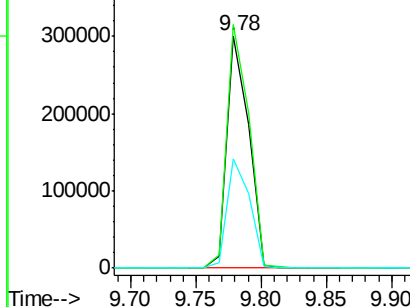
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.09 min
 Lab File: BF084598.D
 Acq: 22 Jan 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	348943		
162	104.8	85.1	127.7	
160	47.2	37.5	56.3	

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





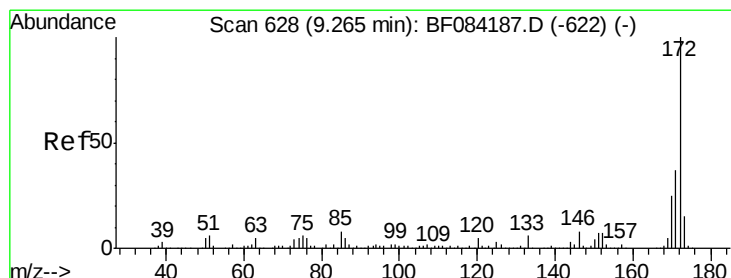
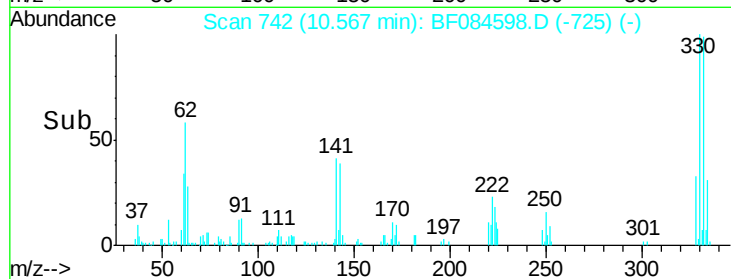
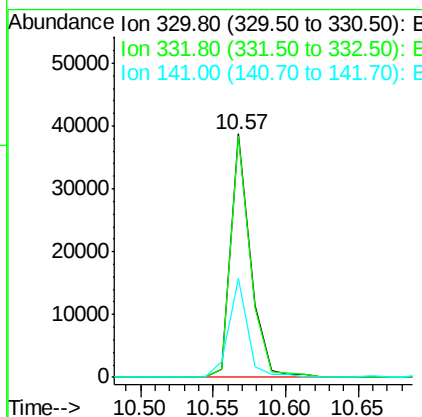
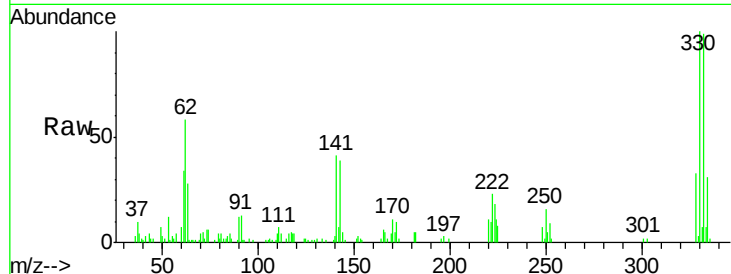
#41
 2,4,6-Tribromophenol
 Concen: 10.43 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.10 min
 Lab File: BF084598.D
 Acq: 22 Jan 2016 19:18

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	76.6	114.8
141	38.9	27.8	41.6

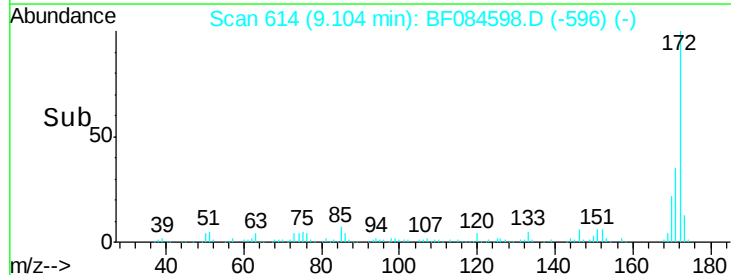
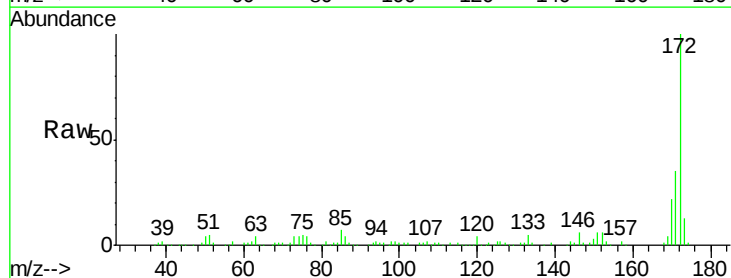
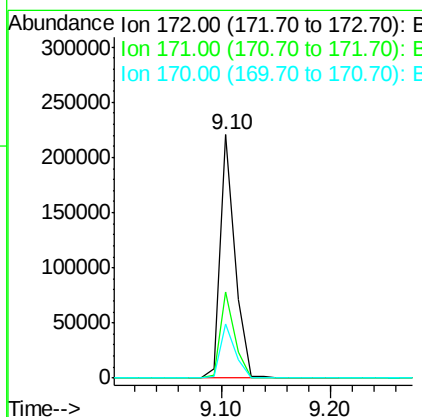
Manual Integrations
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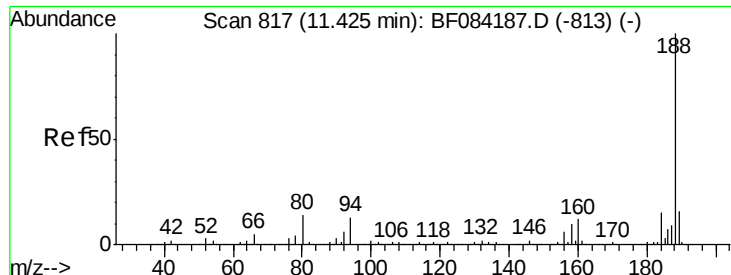
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#44
 2-Fluorobiphenyl
 Concen: 4.60 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.09 min
 Lab File: BF084598.D
 Acq: 22 Jan 2016 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	22.4	18.6	27.8





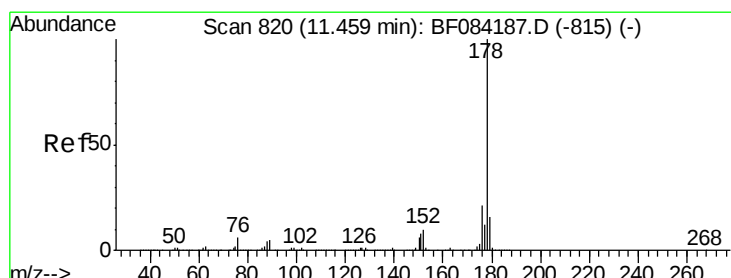
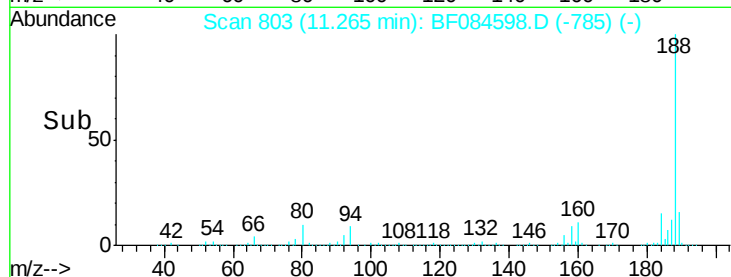
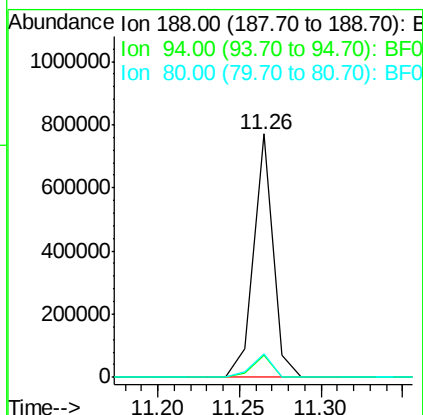
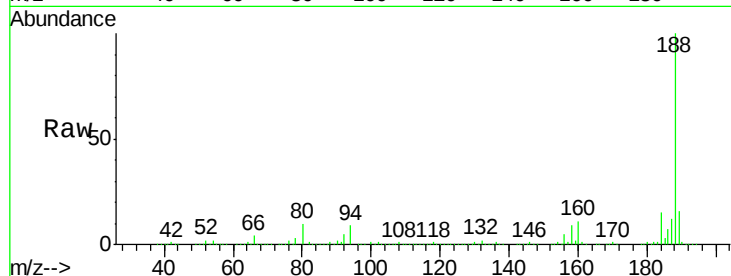
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	642948		
94	9.1		9.0	13.4
80	9.9		9.6	14.4

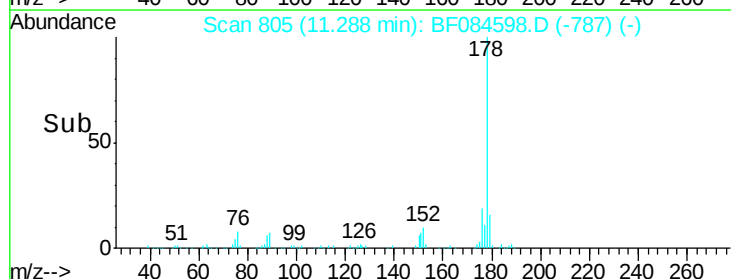
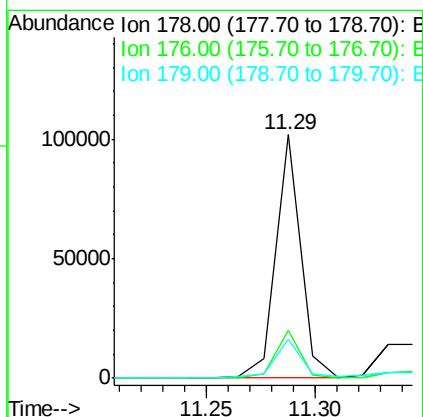
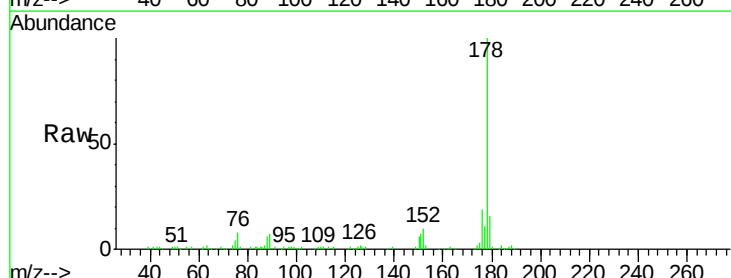
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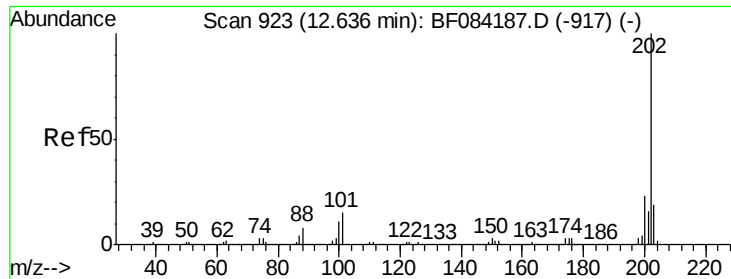
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#70
Phenanthrene
Concen: 2.46 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	82713		
176	19.4		15.3	22.9
179	15.9		12.0	18.0





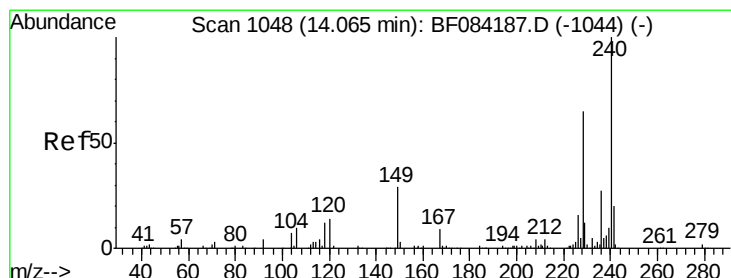
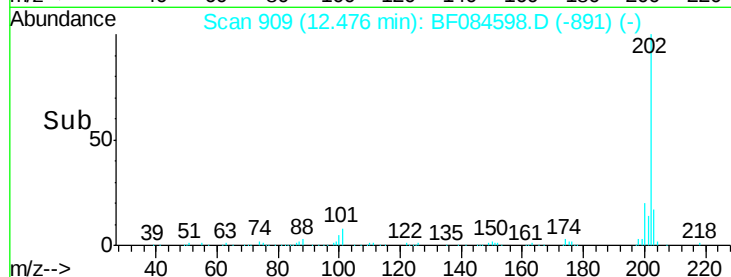
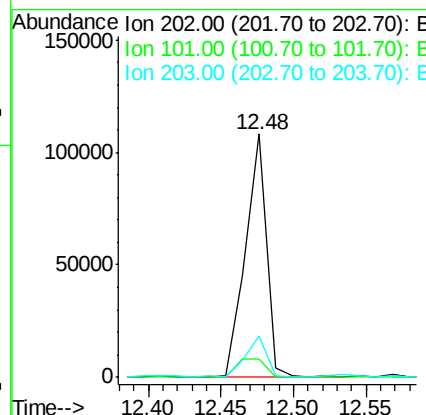
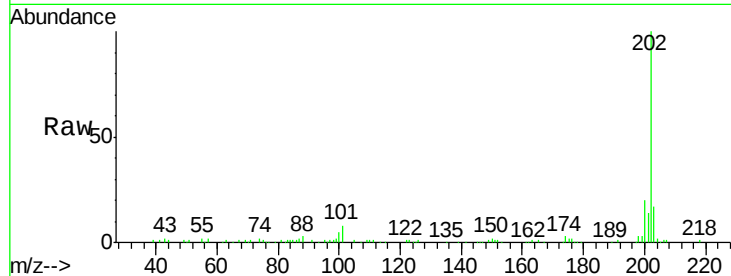
#74
Fluoranthene
Concen: 3.14 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.09 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.5	0.0	32.8
203	16.8	0.0	37.9

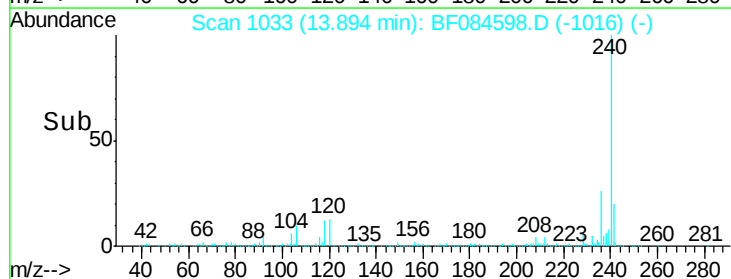
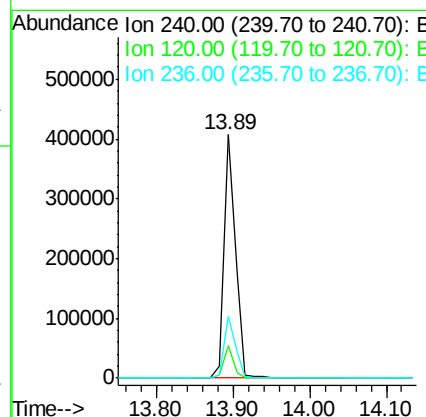
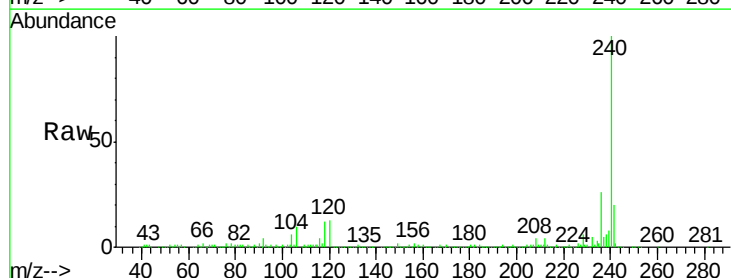
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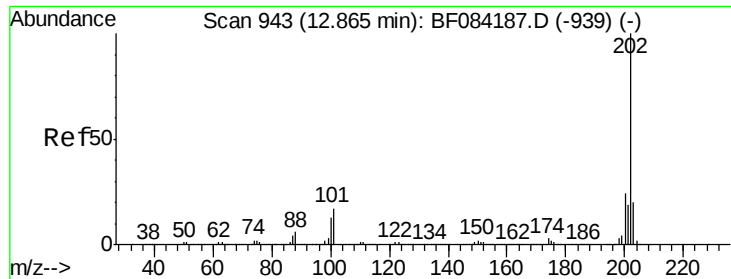
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.10 min
Lab File: BF084598.D
Acq: 22 Jan 2016 19:18

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.6	20.6	31.0





#77

Pvrene

Concen: 3.02 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF084598.D

Acq: 22 Jan 2016 19:18

Instrument :

BNA_F

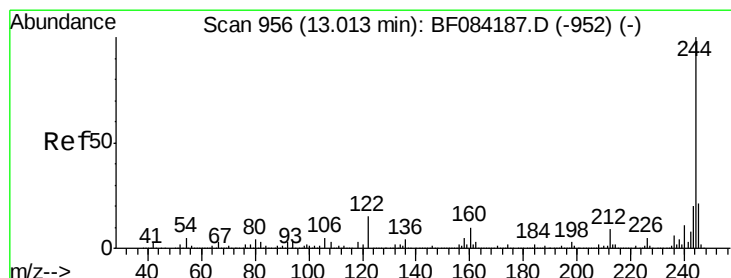
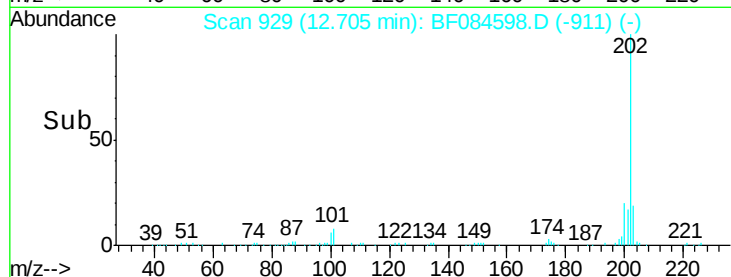
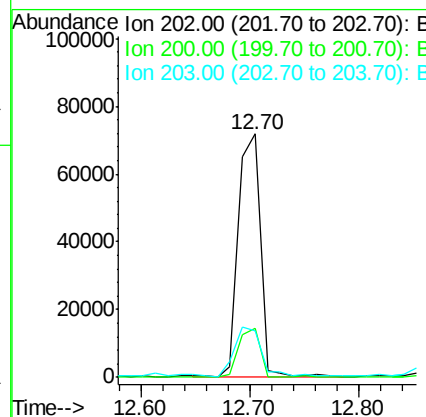
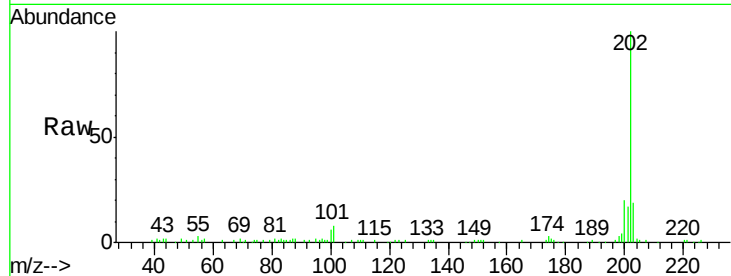
ClientSampleId :

S-1

Tot Ion:	202	Resp:	100351
Ion Ratio		Lower	Upper
202	100		
200	19.9	17.2	25.8
203	19.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 8.31 ng

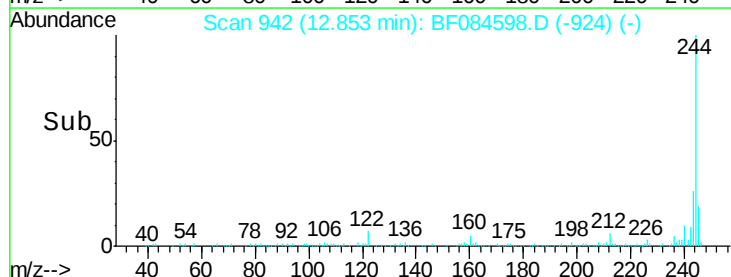
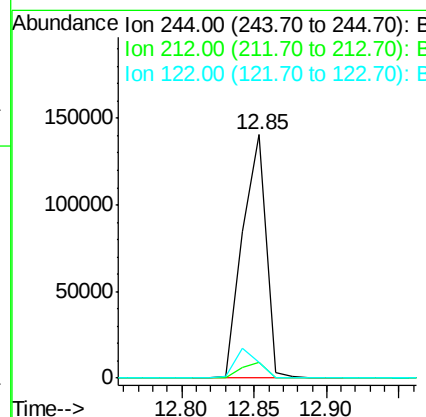
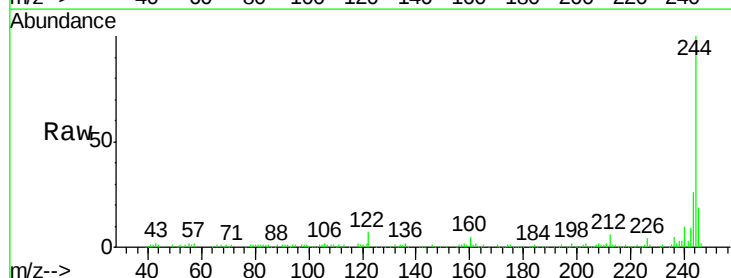
RT: 12.85 min Scan# 942

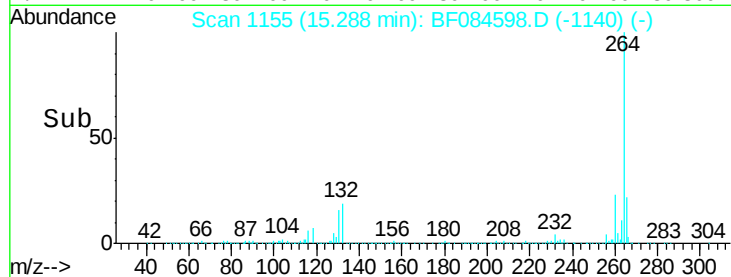
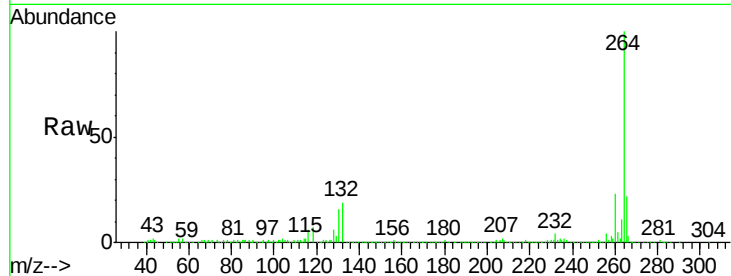
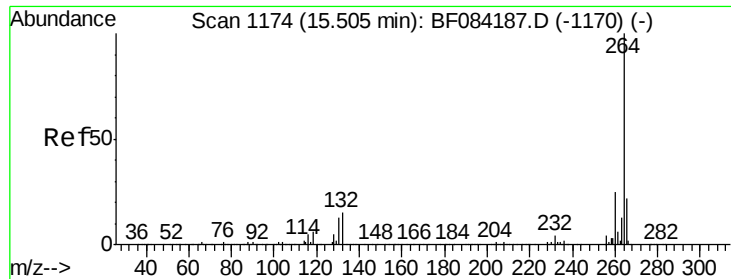
Delta R.T. -0.09 min

Lab File: BF084598.D

Acq: 22 Jan 2016 19:18

Tgt Ion:	244	Resp:	157640
Ion Ratio		Lower	Upper
244	100		
212	6.3	5.7	8.5
122	6.6	7.4	11.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.13 min
 Lab File: BF084598.D
 Acq: 22 Jan 2016 19:18

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.5	19.4	29.2	
265	22.0	17.8	26.6	

Manual Integrations
 APPROVED

mohammad
 1/25/2016 2:59:19 PM

