

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
 Data File : BF084599.D
 Acq On : 22 Jan 2016 19:46
 Operator : SJ/IZ
 Sample : H1217-02 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Manual Integrations
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mohammad
 1/25/2016 2:59:22 PM

Quant Time: Jan 23 00:43:58 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	187441m	20.00	ng	-0.09
21) Naphthalene-d8	8.03	136	799478	20.00	ng	-0.09
38) Acenaphthene-d10	9.78	164	337415	20.00	ng	-0.09
63) Phenanthrene-d10	11.26	188	606304	20.00	ng	-0.09
75) Chrysene-d12	13.89	240	406911	20.00	ng	-0.10
86) Perylene-d12	15.29	264	374965	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	179278	15.47	ng	-0.10
7) Phenol-d6	6.38	99	244228	16.78	ng	-0.09
23) Nitrobenzene-d5	7.31	82	142697	9.93	ng	-0.09
41) 2,4,6-Tribromophenol	10.57	330	45285	13.29	ng	-0.10
44) 2-Fluorobiphenyl	9.10	172	232991	6.29	ng	-0.09
78) Terphenyl-d14	12.85	244	166939	9.16	ng	-0.09
Target Compounds						
70) Phenanthrene	11.29	178	78907	2.49	ng	97
74) Fluoranthene	12.48	202	90222	2.72	ng	94
77) Pyrene	12.70	202	82259	2.58	ng	96

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

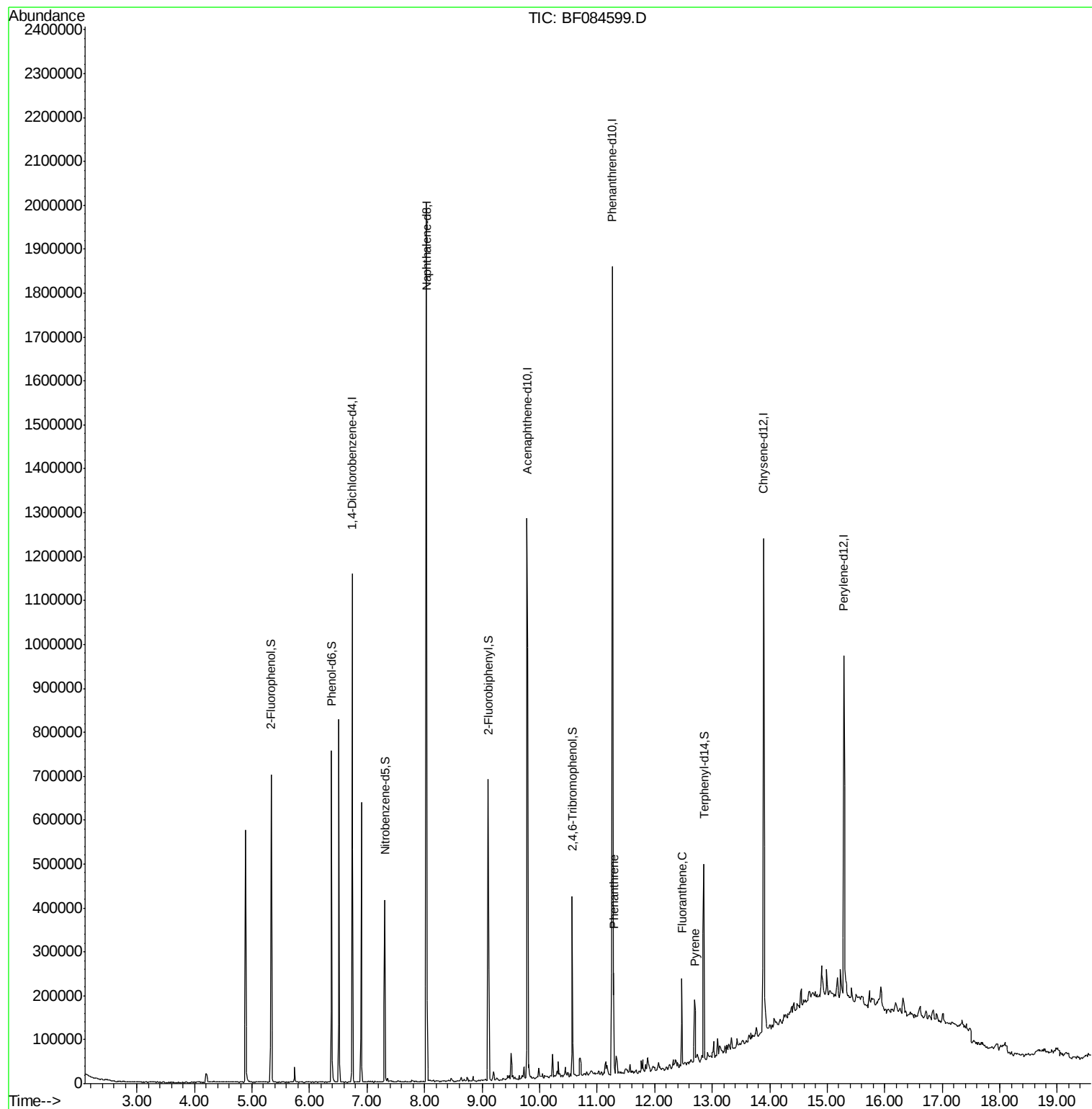
Data Path : Z:\HPCHEM1\BNA F\DATA\BF012216\
Data File : BF084599.D
Acq On : 22 Jan 2016 19:46
Operator : SJ/IZ
Sample : H1217-02 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-2

Manual Integrations
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Quant Time: Jan 23 00:43:58 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

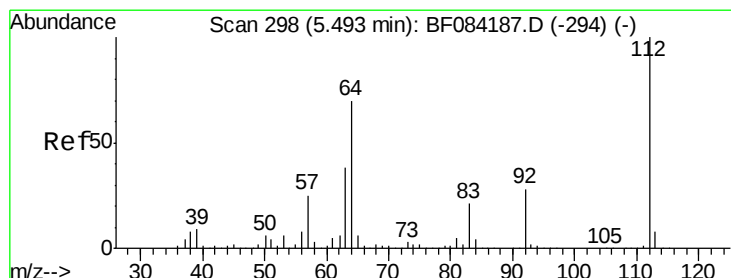
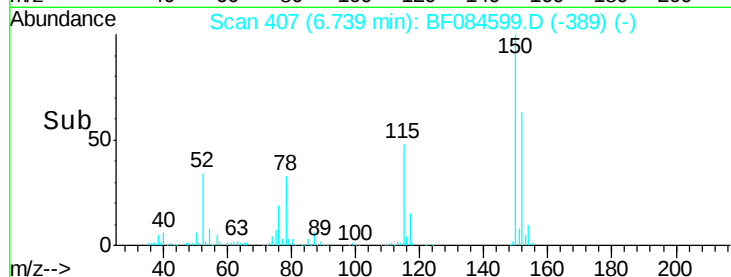
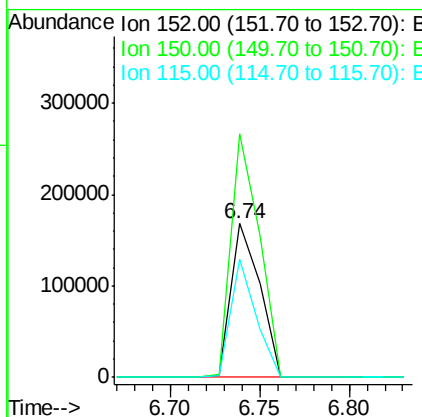
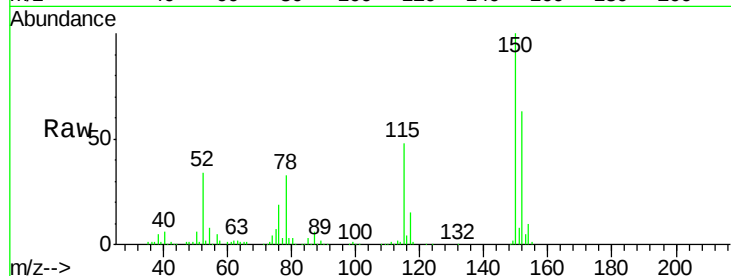
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.74 min Scan# 407
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampled :
S-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.0	184.4
115	76.5	51.4	77.2

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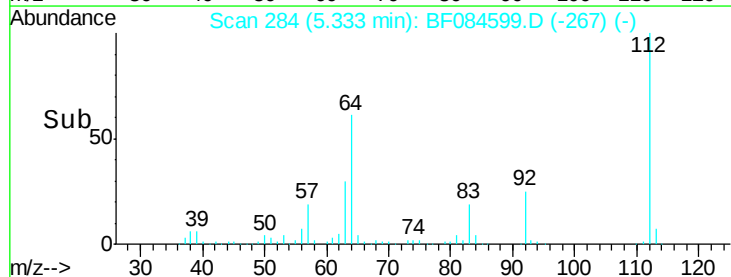
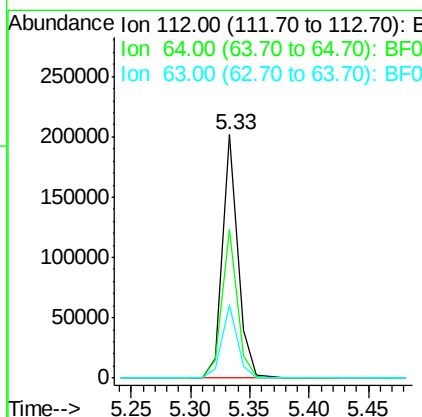
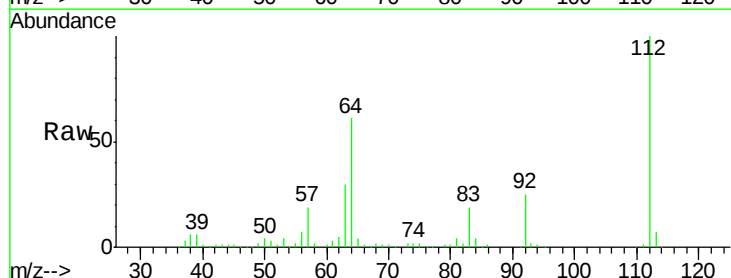
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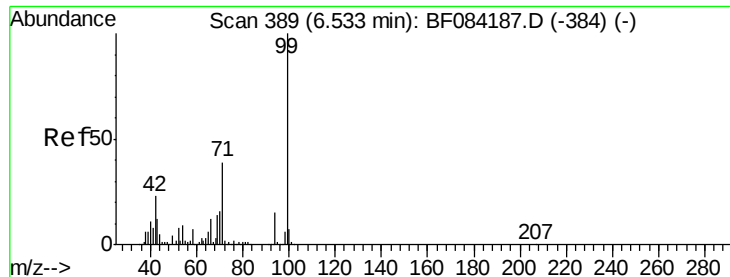


#5

2-Fluorophenol
Concen: 15.47 ng
RT: 5.33 min Scan# 284
Delta R.T. -0.10 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	36.6	55.0#
63	30.1	19.4	29.0#





#7

Phenol-d6

Concen: 16.78 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.09 min

Lab File: BF084599.D

Acq: 22 Jan 2016 19:46

Instrument :

BNA_F

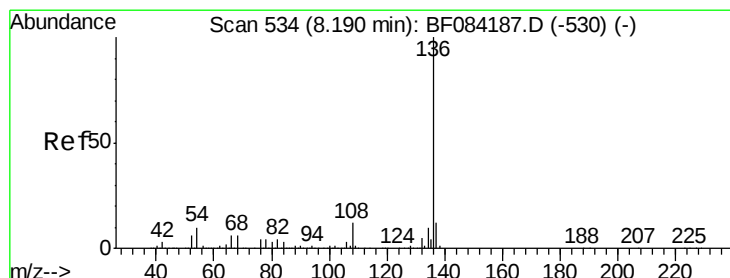
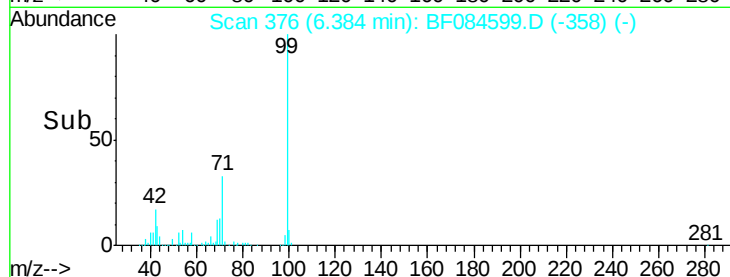
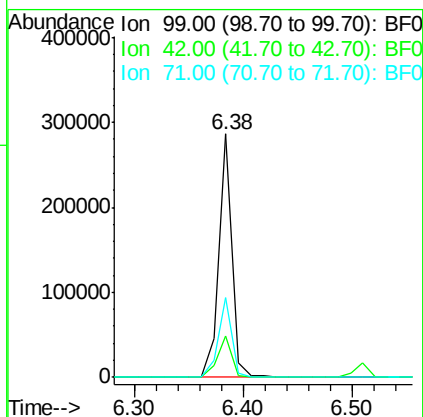
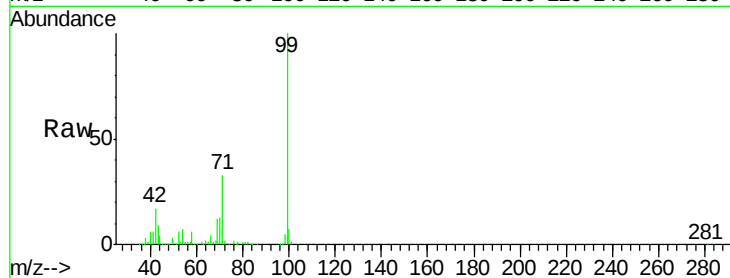
ClientSampleId :

S-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		244228		
42	17.0	12.8	19.2		
71	32.6	30.9	46.3		

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#21

Naphthalene-d8

Concen: 20.00 ng

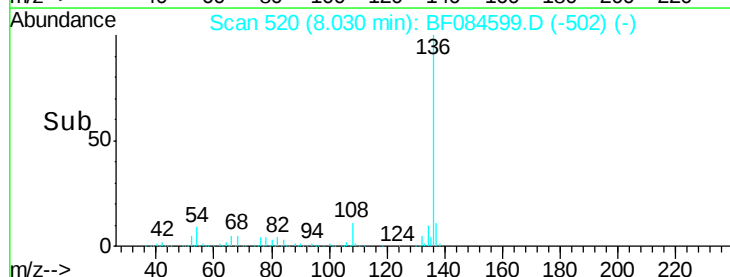
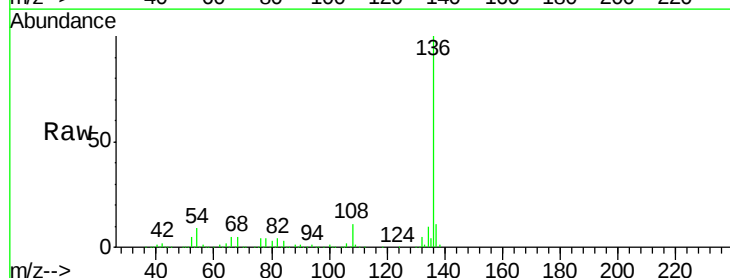
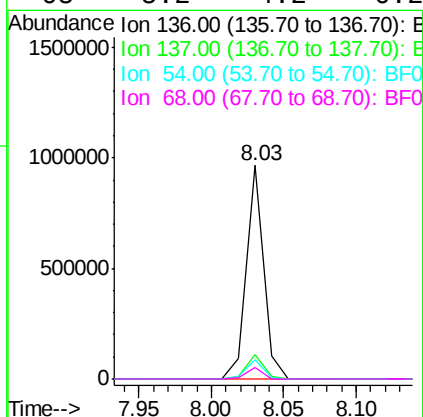
RT: 8.03 min Scan# 520

Delta R.T. -0.09 min

Lab File: BF084599.D

Acq: 22 Jan 2016 19:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		799478		
137	11.3	8.7	13.1		
54	9.3	5.8	8.8#		
68	5.2	4.2	6.2		





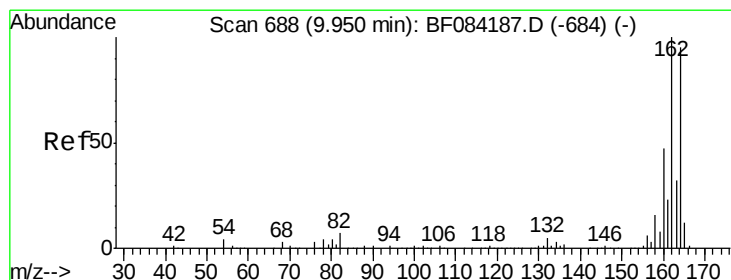
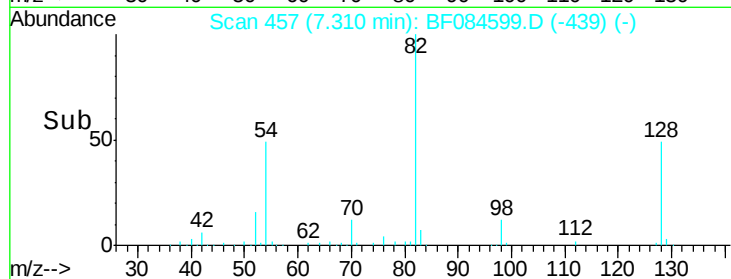
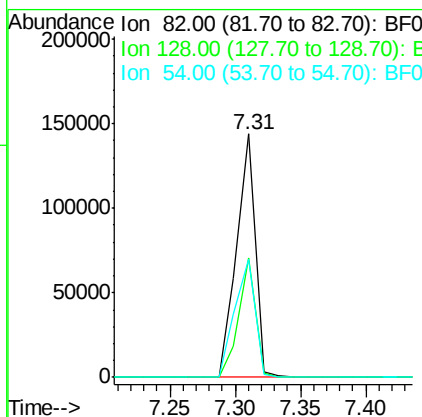
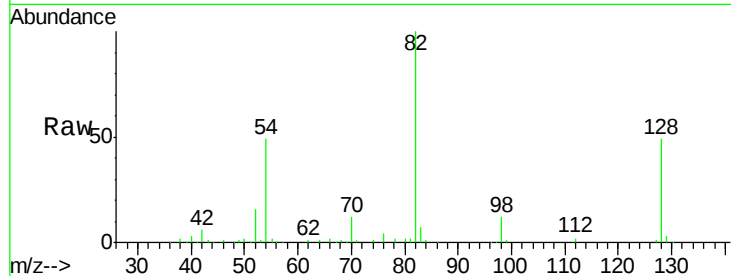
#23
 Nitrobenzene-d5
 Concen: 9.93 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.09 min
 Lab File: BF084599.D
 Acq: 22 Jan 2016 19:46

Instrument :
 BNA_F
 ClientSampled :
 S-2

Tot Ion	Ratio	Resp	Lower	Upper
82	100	142697		
128	49.1	34.6	51.8	
54	48.8	38.4	57.6	

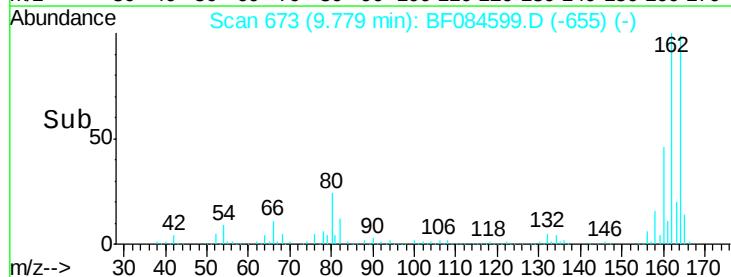
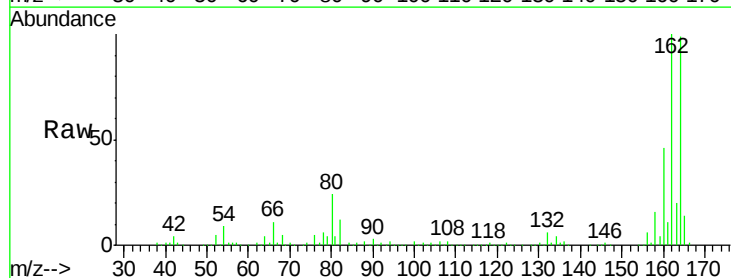
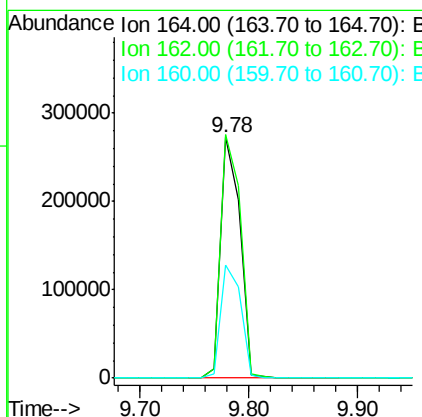
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.09 min
 Lab File: BF084599.D
 Acq: 22 Jan 2016 19:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	337415		
162	101.1	85.1	127.7	
160	46.8	37.5	56.3	





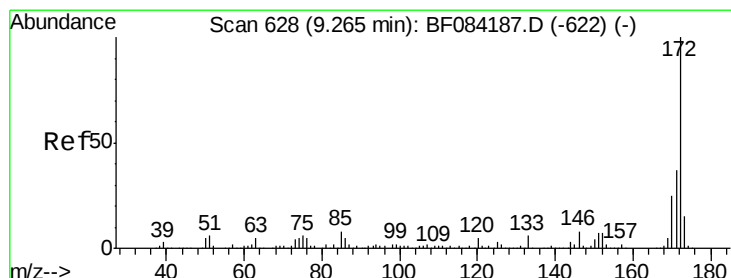
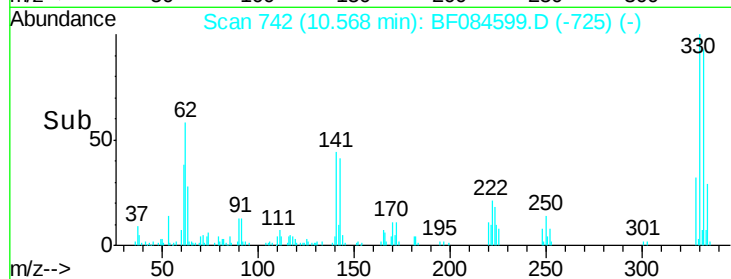
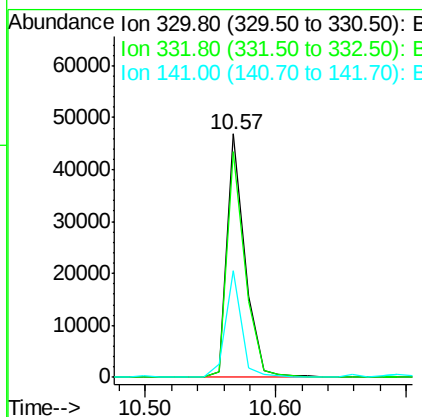
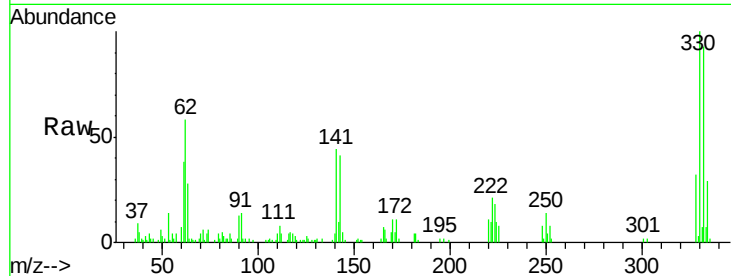
#41
 2,4,6-Tribromophenol
 Concen: 13.29 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.10 min
 Lab File: BF084599.D
 Acq: 22 Jan 2016 19:46

Instrument :
 BNA_F
 ClientSampleId :
 S-2

Tot Ion:	330	Resp:	45285
Ion Ratio	Lower	Upper	
330	100		
332	93.0	76.6	114.8
141	39.3	27.8	41.6

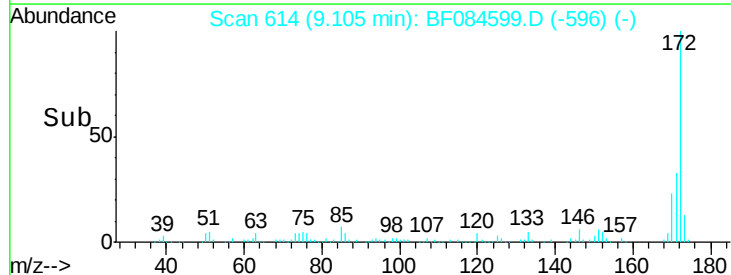
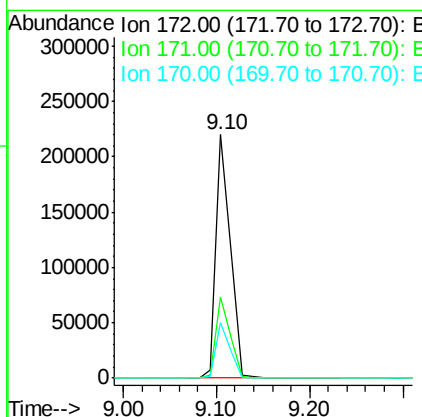
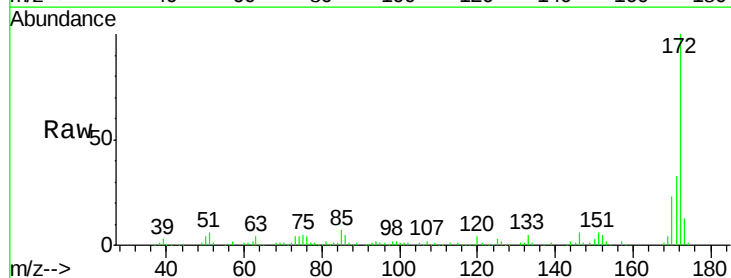
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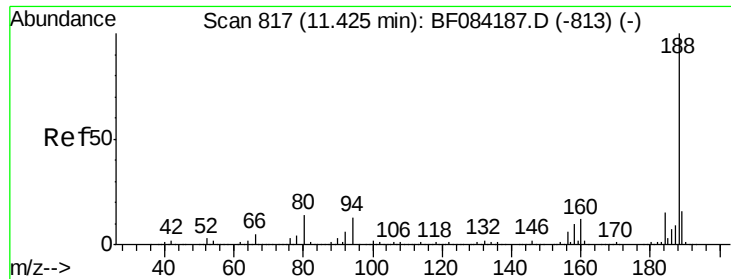
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#44
 2-Fluorobiphenyl
 Concen: 6.29 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.09 min
 Lab File: BF084599.D
 Acq: 22 Jan 2016 19:46

Tgt Ion:	172	Resp:	232991
Ion Ratio	Lower	Upper	
172	100		
171	33.5	28.9	43.3
170	22.7	18.6	27.8





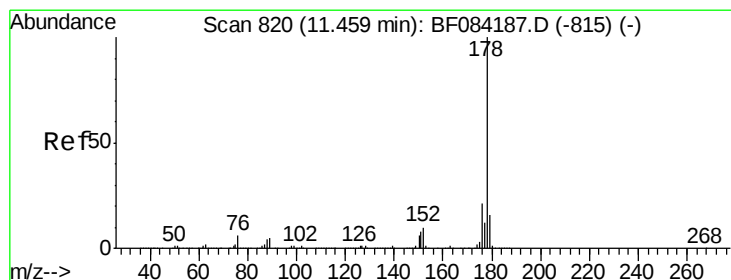
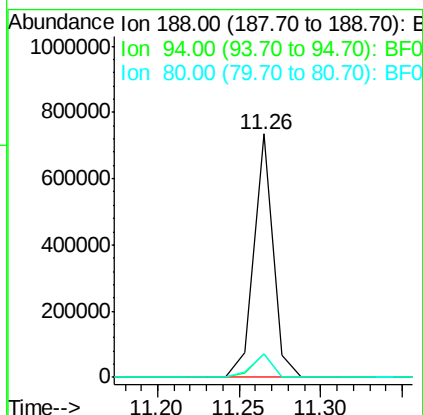
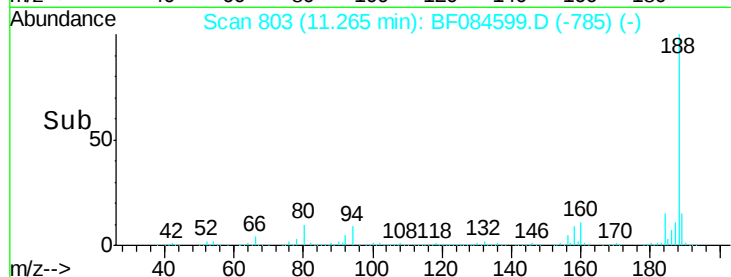
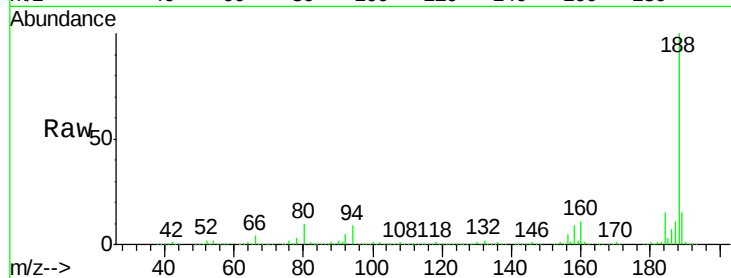
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampled :
S-2

Tot Ion:188	Resp: 606304
Ion Ratio	Lower Upper
188 100	
94 9.5	9.0 13.4
80 9.7	9.6 14.4

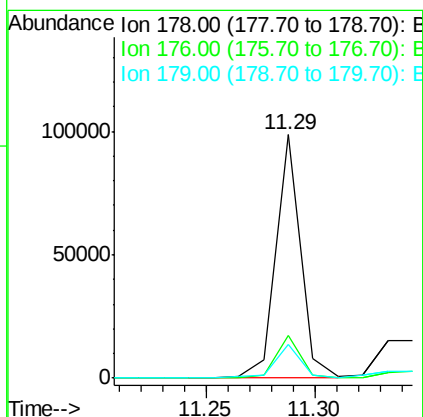
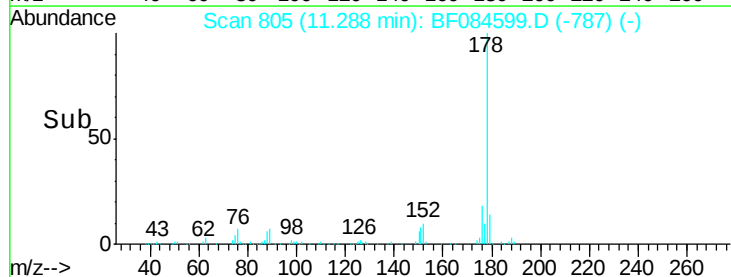
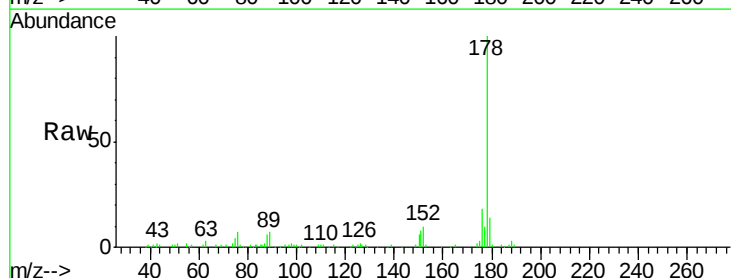
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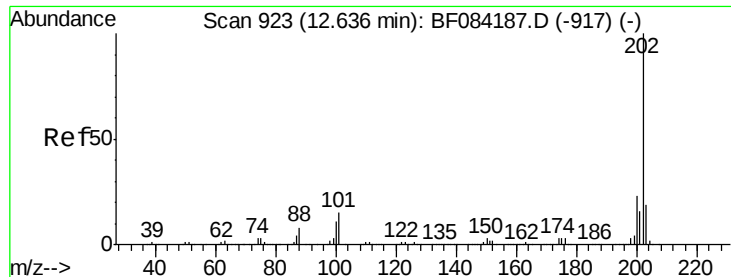
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#70
Phenanthrene
Concen: 2.49 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.09 min
Lab File: BF084599.D
Acq: 22 Jan 2016 19:46

Tgt Ion:178	Resp: 78907
Ion Ratio	Lower Upper
178 100	
176 17.7	15.3 22.9
179 13.8	12.0 18.0





#74

Fluoranthene

Concen: 2.72 ng

RT: 12.48 min Scan# 909

Delta R.T. -0.09 min

Lab File: BF084599.D

Acq: 22 Jan 2016 19:46

Instrument :

BNA_F

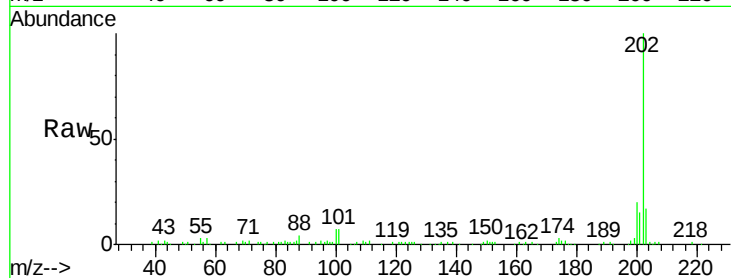
ClientSampleId :

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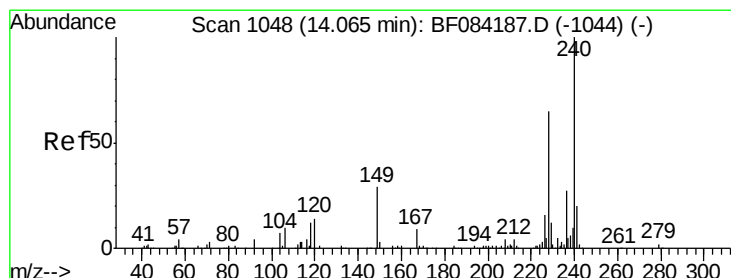
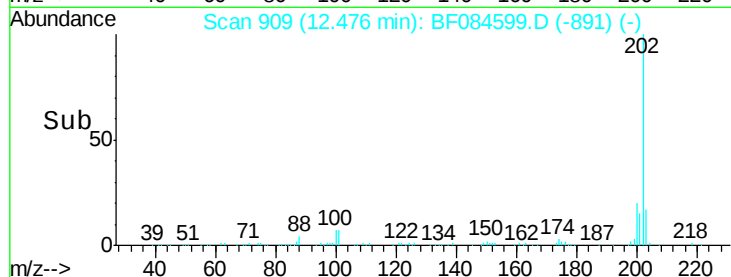
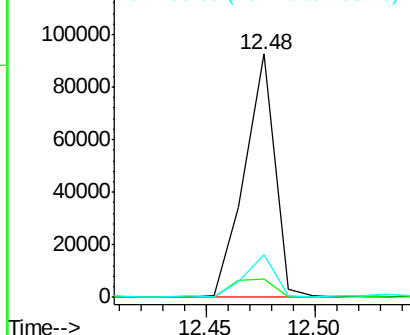
Tot Ion:	202	Resp:	90222
Ion Ratio	Lower	Upper	
202	100		
101	7.3	0.0	32.8
203	17.4	0.0	37.9

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

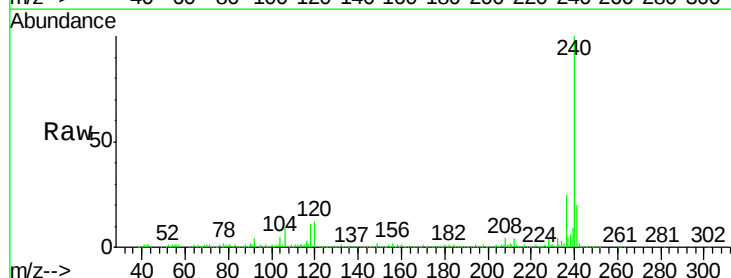
RT: 13.89 min Scan# 1033

Delta R.T. -0.10 min

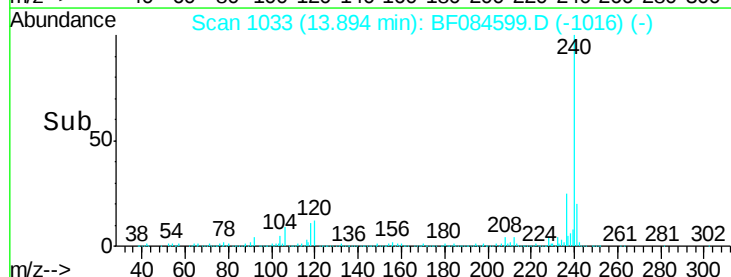
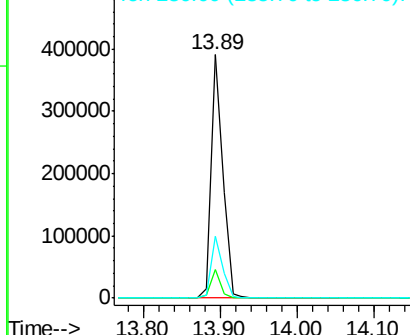
Lab File: BF084599.D

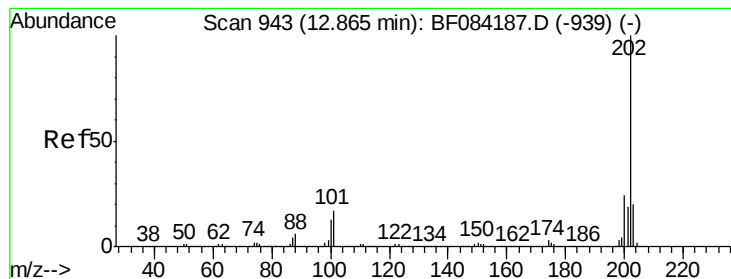
Acq: 22 Jan 2016 19:46

Tgt Ion:	240	Resp:	406911
Ion Ratio	Lower	Upper	
240	100		
120	11.7	9.5	14.3
236	25.4	20.6	31.0



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





#77

Pvrene

Concen: 2.58 ng

RT: 12.70 min Scan# 929

Delta R.T. -0.09 min

Lab File: BF084599.D

Acq: 22 Jan 2016 19:46

Instrument :

BNA_F

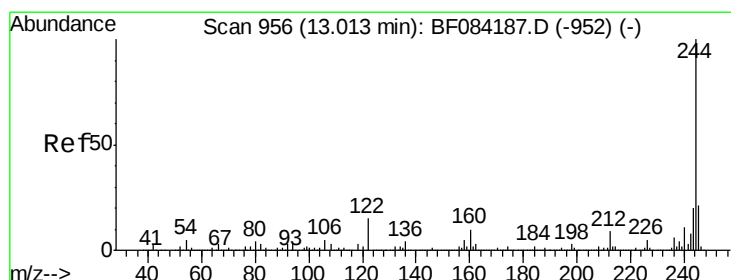
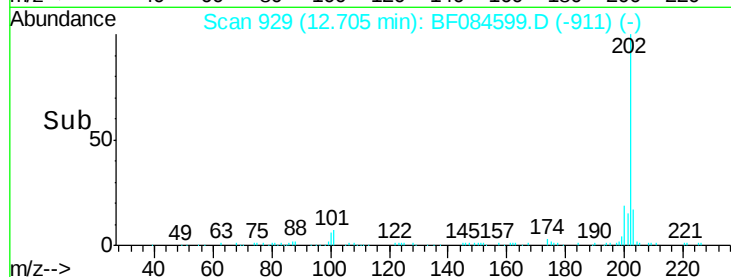
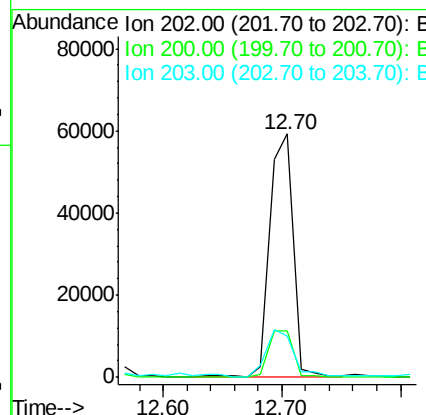
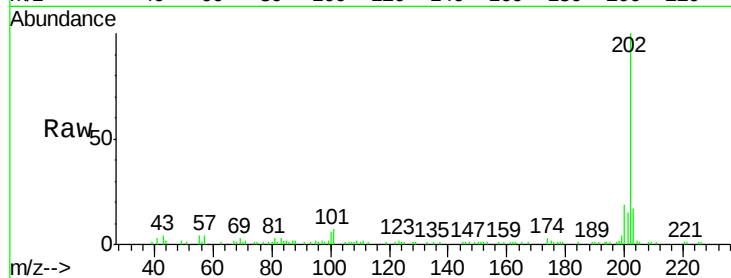
ClientSampleId :

S-2

Tot Ion:	202	Resp:	82259
Ion Ratio	Lower	Upper	
202	100		
200	19.0	17.2	25.8
203	17.0	14.3	21.5

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#78

Terphenyl-d14

Concen: 9.16 ng

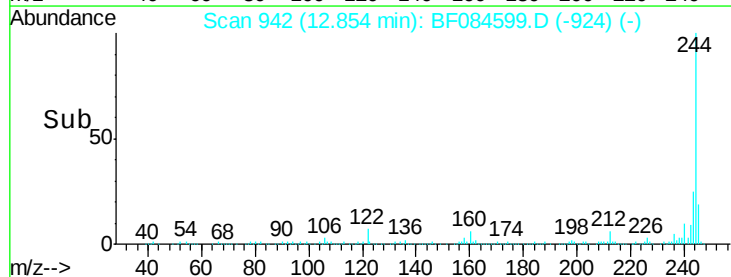
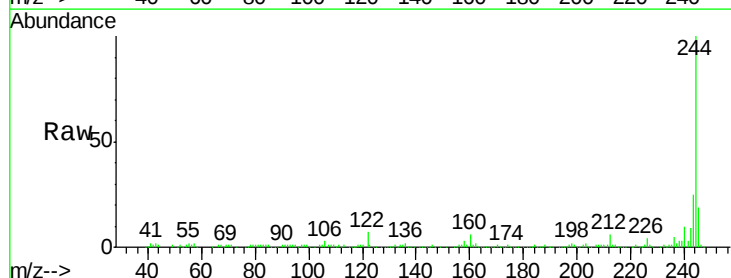
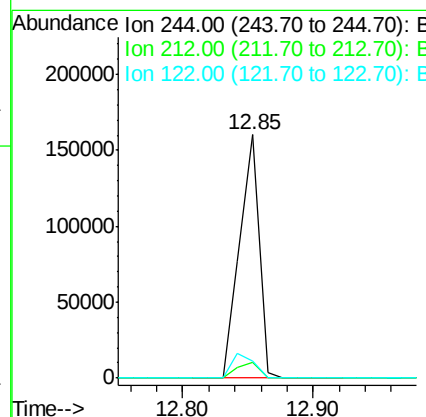
RT: 12.85 min Scan# 942

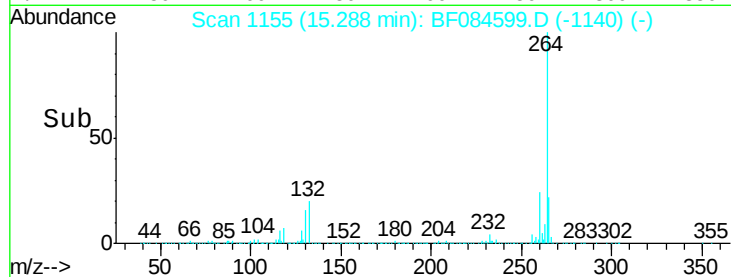
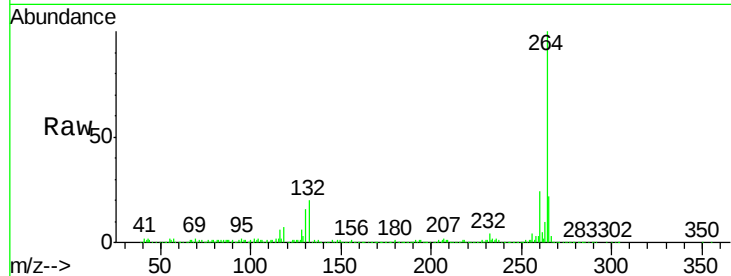
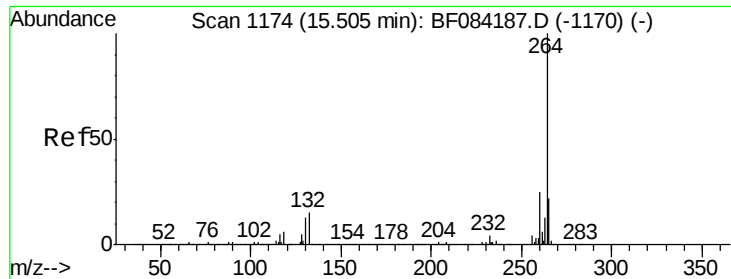
Delta R.T. -0.09 min

Lab File: BF084599.D

Acq: 22 Jan 2016 19:46

Tgt Ion:	244	Resp:	166939
Ion Ratio	Lower	Upper	
244	100		
212	6.5	5.7	8.5
122	6.8	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: BF084599.D
Acq: 22 Jan 2016 19:46

Instrument :
BNA_F
ClientSampleId :
S-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
374965	264	100			
	260	23.8		19.4	29.2
	265	21.8		17.8	26.6

Manual Integrations
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