

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083419.D
 Acq On : 2 Dec 2015 15:41
 Operator : UM/IZ
 Sample : G4582-17
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP2-112415

Manual Integrations
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Quant Time: Dec 03 03:40:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	146682m	20.00	ng	0.00
21) Naphthalene-d8	7.82	136	574845	20.00	ng	-0.01
38) Acenaphthene-d10	9.57	164	301224	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	533820	20.00	ng	-0.02
75) Chrysene-d12	14.73	240	471318	20.00	ng	-0.03
86) Perylene-d12	16.79	264	345305	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	1454134	148.76	ng	0.01
7) Phenol-d6	6.21	99	1791028	133.86	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1288876	98.56	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	366167	121.09	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1787002	84.54	ng	-0.01
78) Terphenyl-d14	13.21	244	1721344	87.10	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	7.85	128	1795113	57.55	ng	100
37) 2-Methylnaphthalene	8.54	142	46673	2.24	ng	98
49) Dimethylphthalate	9.31	163	418176	17.08	ng	99
70) Phenanthrene	11.14	178	139777	4.42	ng	99
74) Fluoranthene	12.64	202	70301	2.15	ng	96
77) Pyrene	12.95	202	100357	3.05	ng	97

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

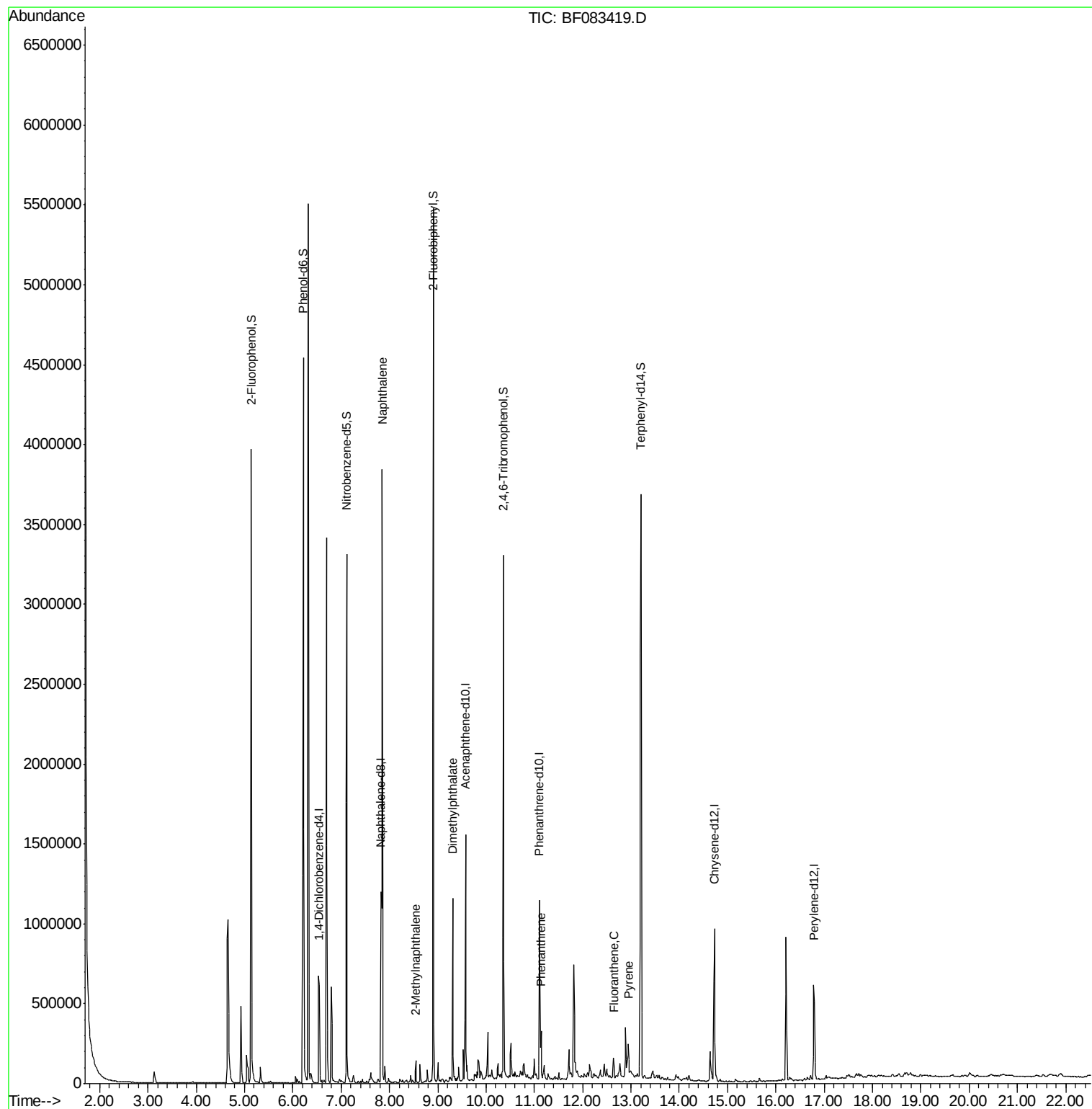
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
Data File : BF083419.D
Acq On : 2 Dec 2015 15:41
Operator : UM/IZ
Sample : G4582-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

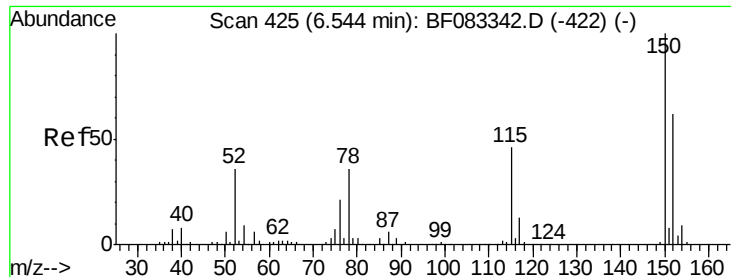
Instrument :
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ClientSampleId :
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Quant Time: Dec 03 03:40:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

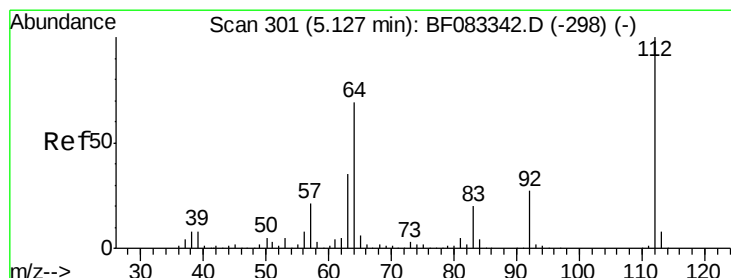
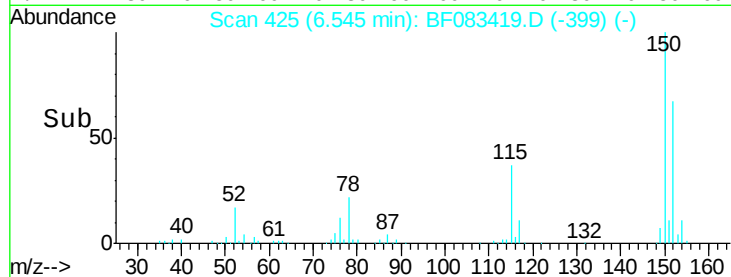
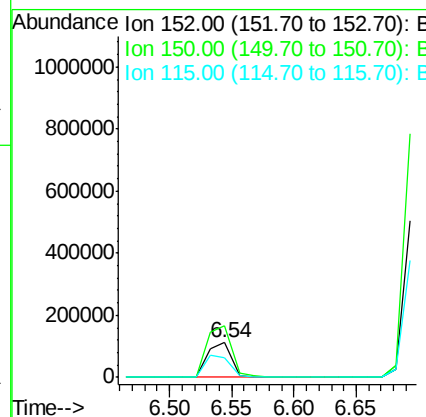
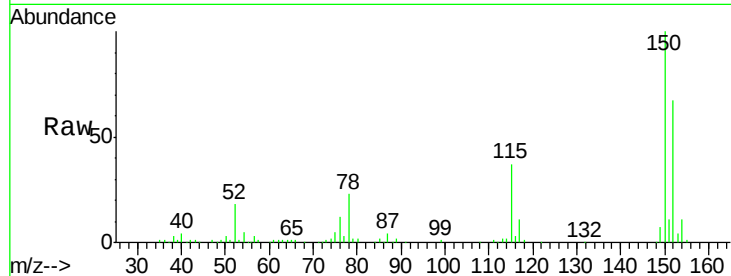
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.54 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.9	129.8	194.8
115	55.7	59.2	88.8

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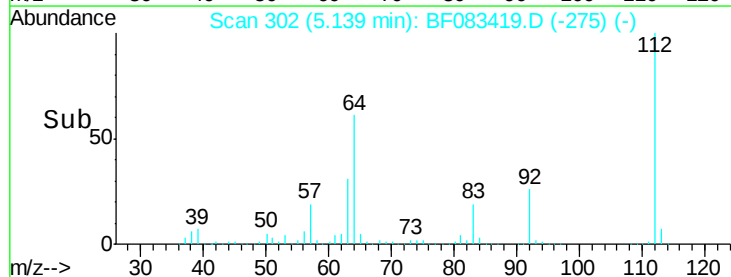
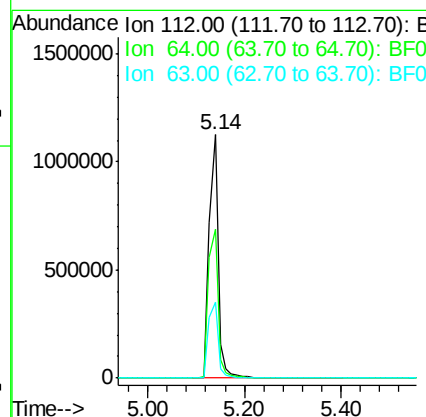
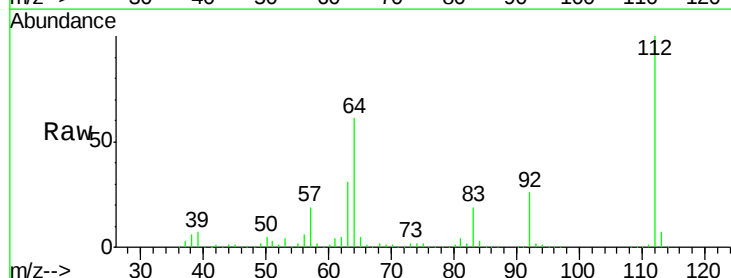
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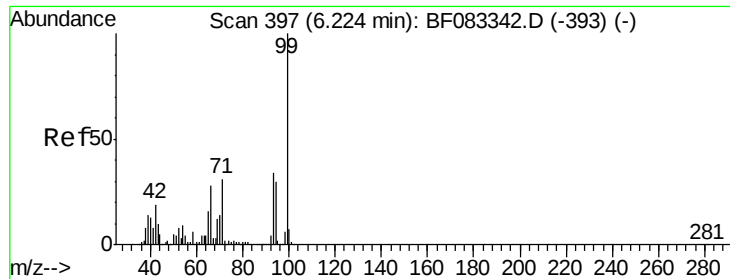


#5

2-Fluorophenol
Concen: 148.76 ng
RT: 5.14 min Scan# 302
Delta R.T. 0.01 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.4	55.6	83.4
63	31.4	28.2	42.2





#7

Phenol-d6

Concen: 133.86 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083419.D

Acq: 2 Dec 2015 15:41

Instrument :

BNA_F

ClientSampleId :

DUP2-112415

Tot Ion: 99 Resp: 1791028

Ion Ratio Lower Upper

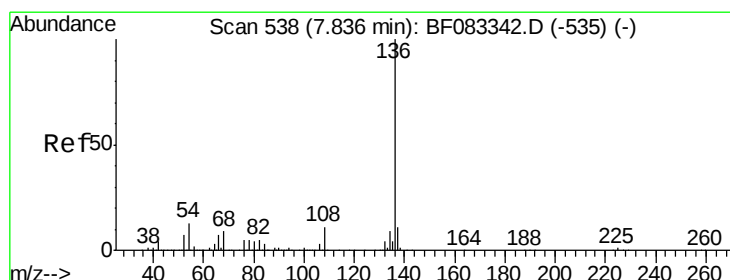
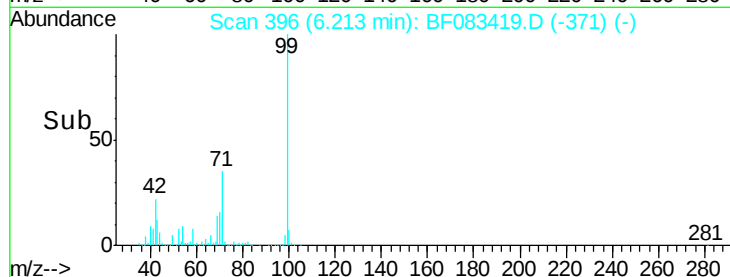
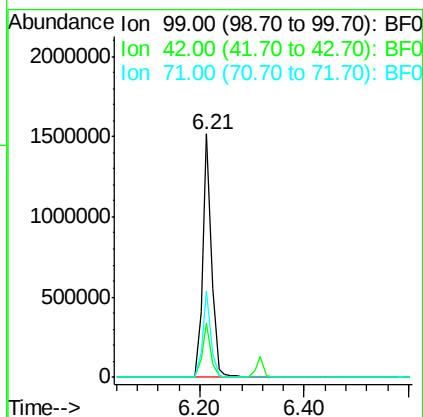
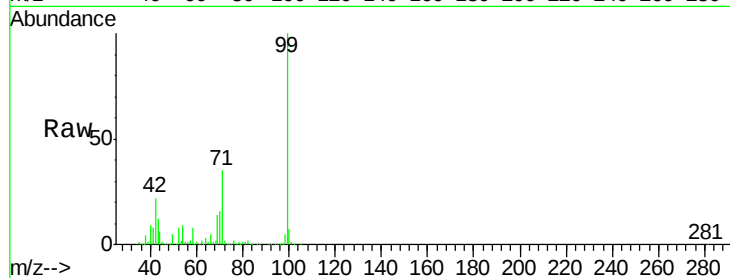
99 100

42 22.4 14.9 22.3#

71 35.3 24.7 37.1

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#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083419.D

Acq: 2 Dec 2015 15:41

Tgt Ion: 136 Resp: 574845

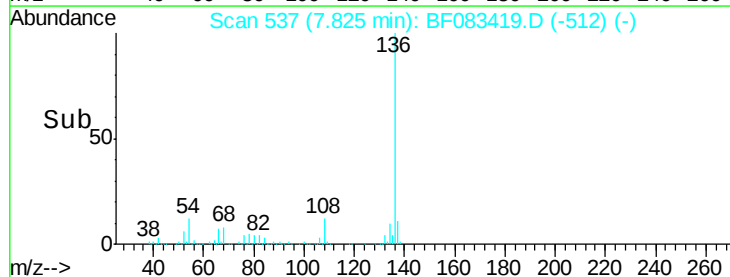
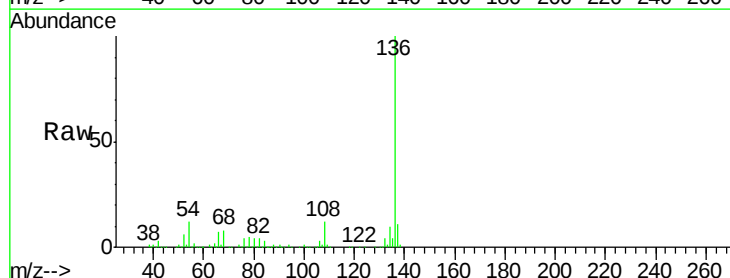
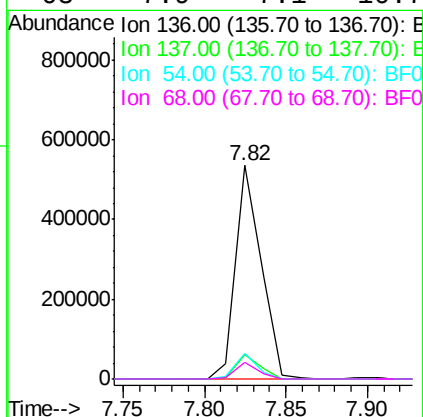
Ion Ratio Lower Upper

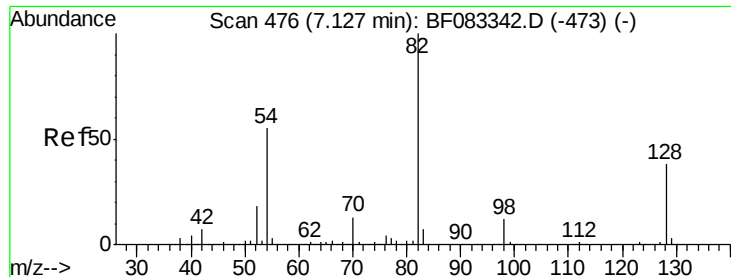
136 100

137 11.2 9.0 13.4

54 11.9 10.1 15.1

68 7.9 7.1 10.7





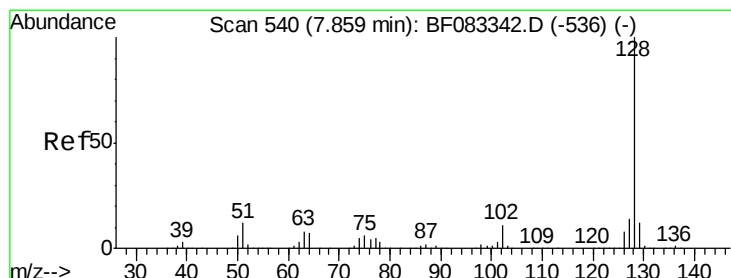
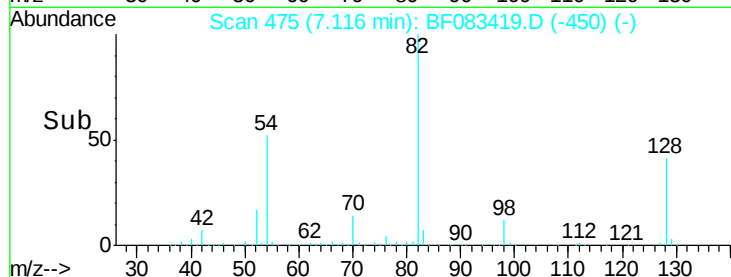
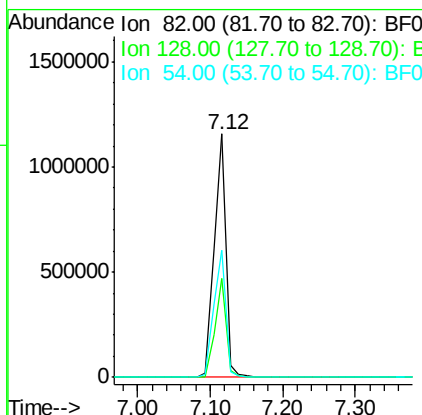
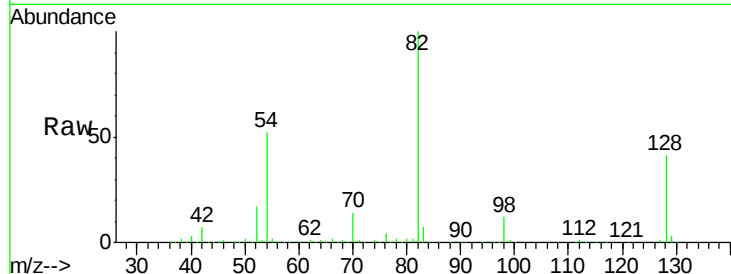
#23
Nitrobenzene-d5
Concen: 98.56 ng
RT: 7.12 min Scan# 475
Delta R.T. -0.01 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

Tot Ion: 82 Resp: 1288876
Ion Ratio Lower Upper
82 100
128 40.8 30.6 46.0
54 52.1 43.8 65.6

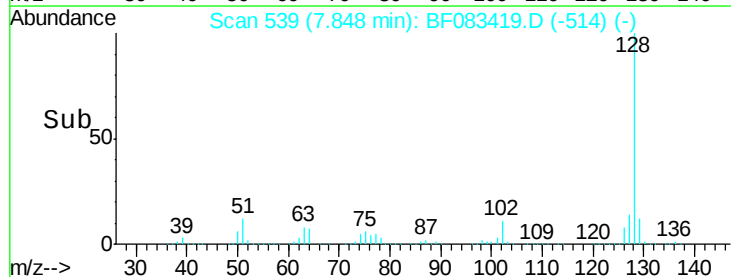
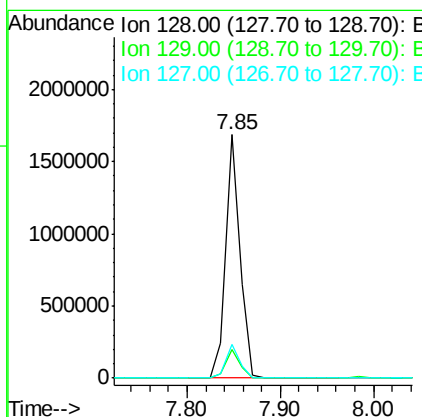
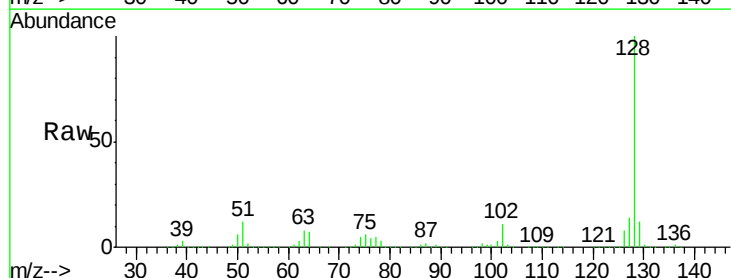
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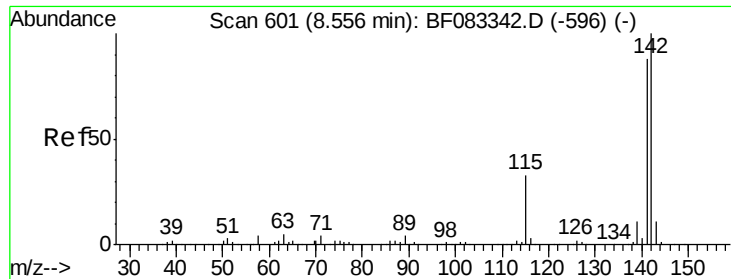
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#31
Naphthalene
Concen: 57.55 ng
RT: 7.85 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion: 128 Resp: 1795113
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.8 11.0 16.4





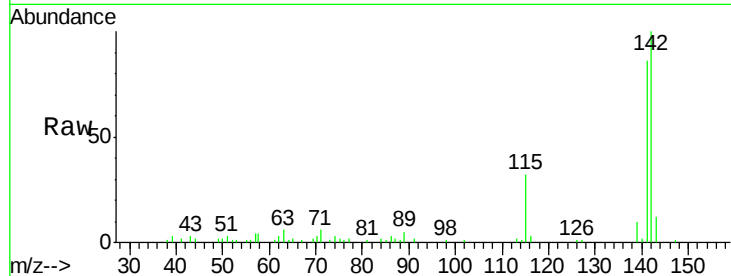
#37
2-Methylnaphthalene
Concen: 2.24 ng
RT: 8.54 min Scan# 600
Delta R.T. -0.01 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

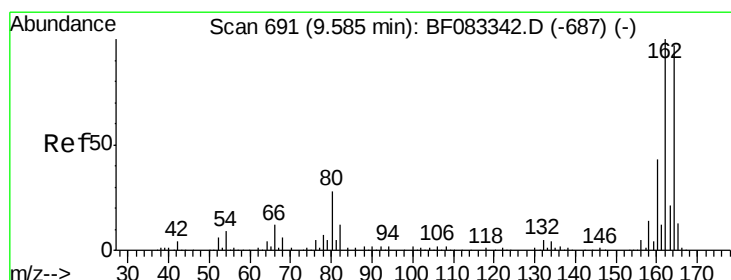
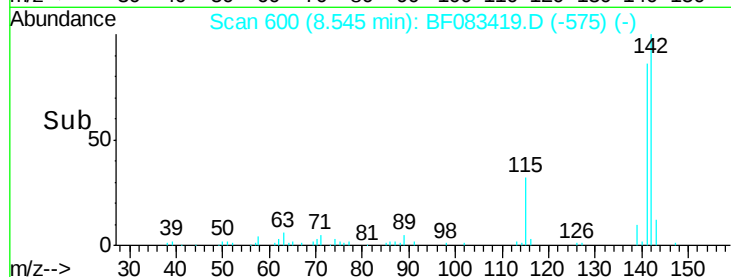
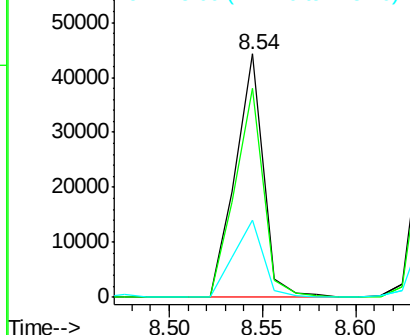
Tot Ion	Ratio	Lower	Upper
142	100		
141	85.7	70.6	105.8
115	31.7	26.2	39.2

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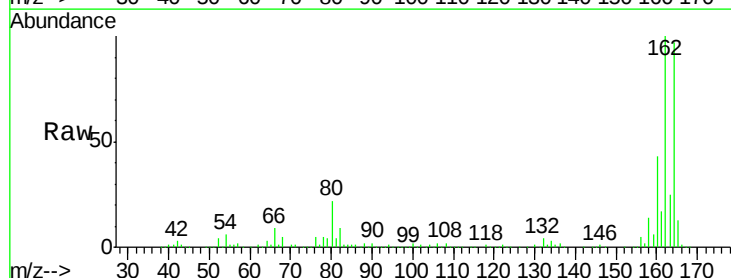


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

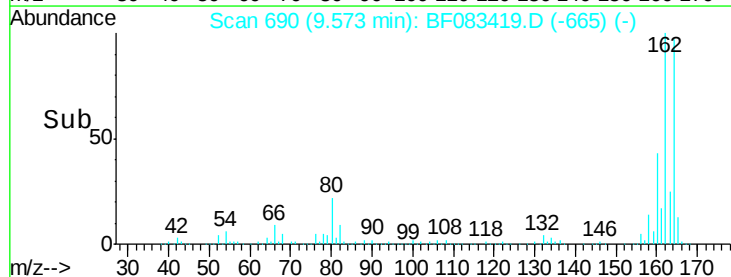
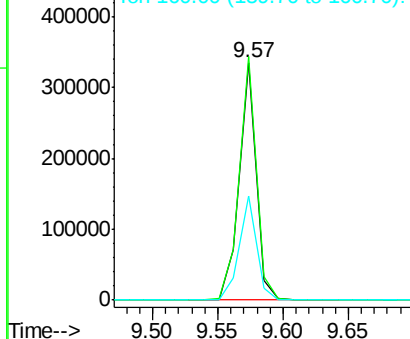


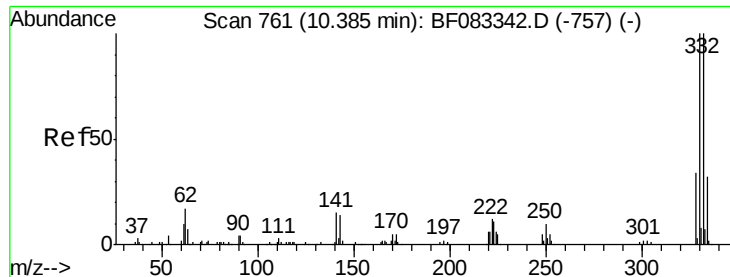
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.57 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	44.1	35.3	52.9



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





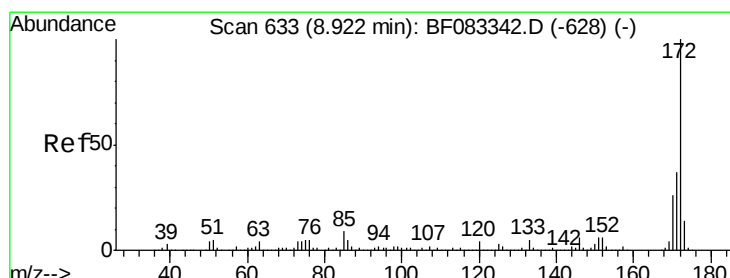
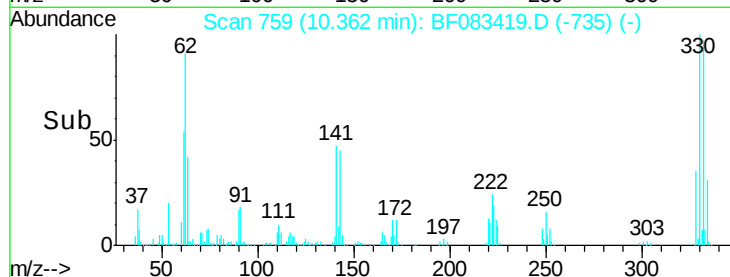
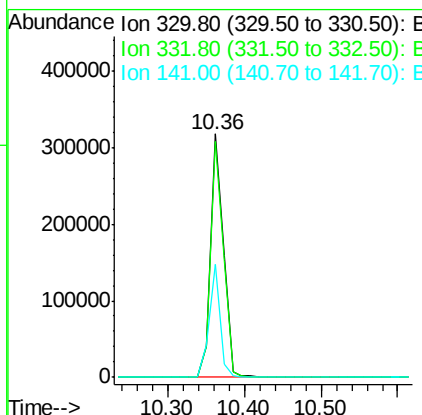
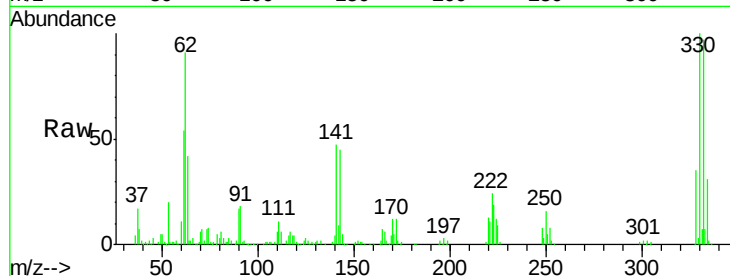
#41
 2,4,6-Tribromophenol
 Concen: 121.09 ng
 RT: 10.36 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF083419.D
 Acq: 2 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 DUP2-112415

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.1	77.8	116.6	
141	40.4	29.4	44.0	

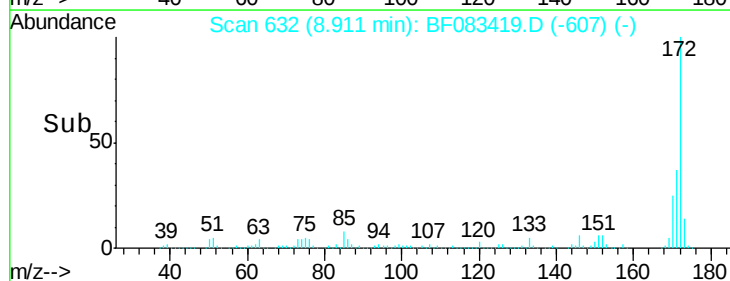
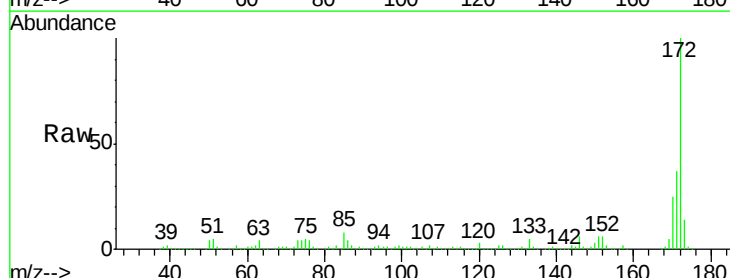
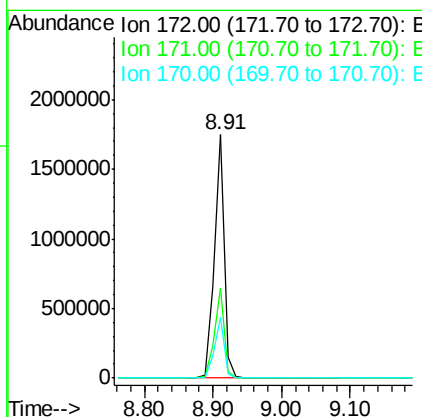
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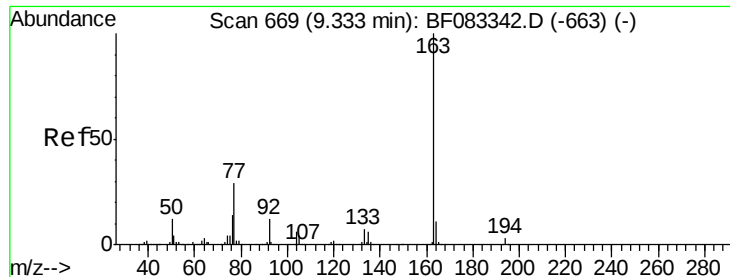
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#44
 2-Fluorobiphenyl
 Concen: 84.54 ng
 RT: 8.91 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: BF083419.D
 Acq: 2 Dec 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.9	29.4	44.0	
170	25.1	20.4	30.6	





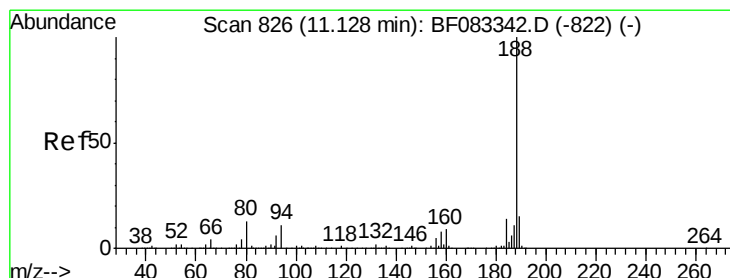
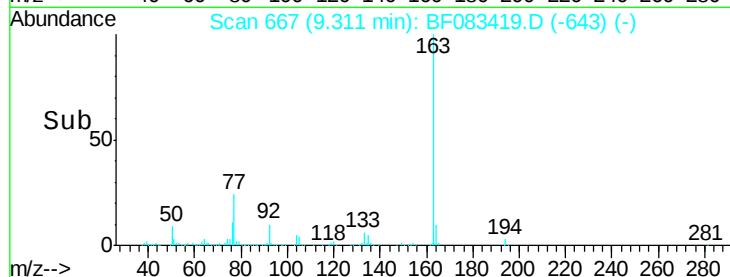
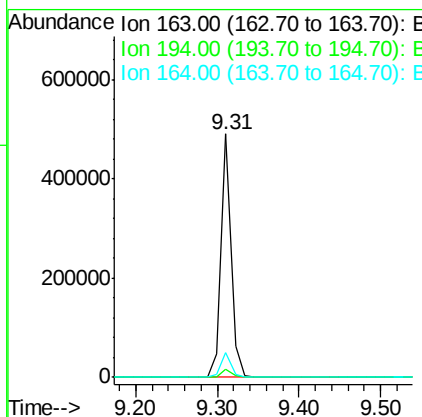
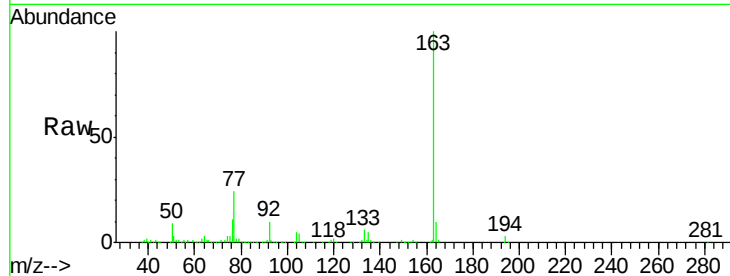
#49
Dimethylphthalate
Concen: 17.08 ng
RT: 9.31 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

Tot Ion	Ion	Ratio	Resp	Lower	Upper
163	100		418176		
194	3.4		2.7	4.1	
164	10.3		8.8	13.2	

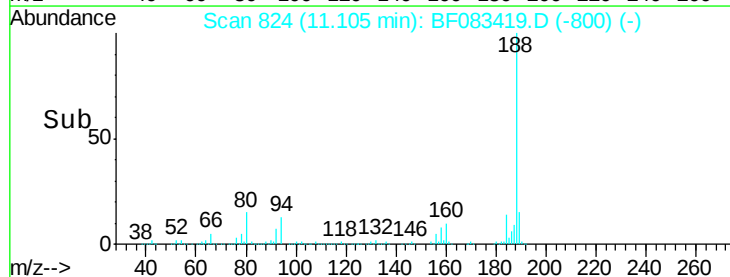
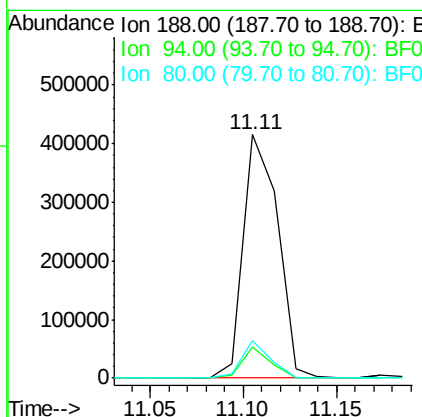
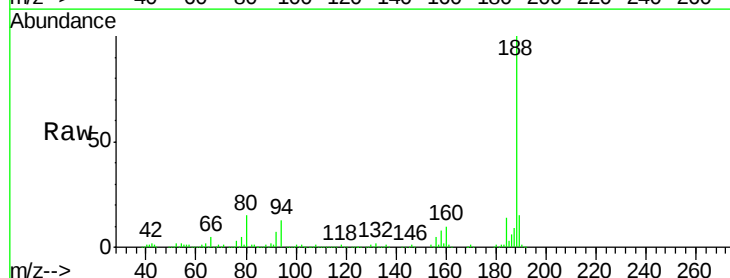
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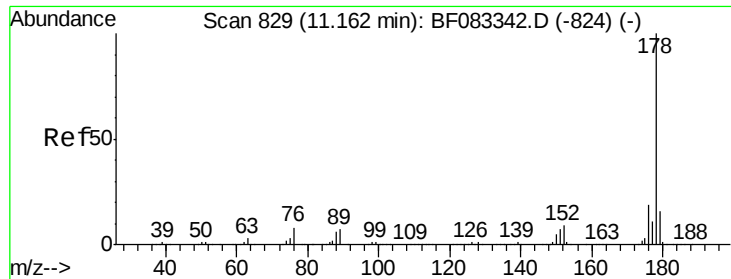
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		533820		
94	13.0		8.7	13.1	
80	15.5		10.3	15.5#	





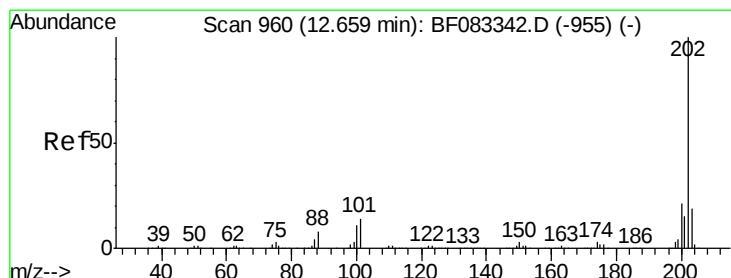
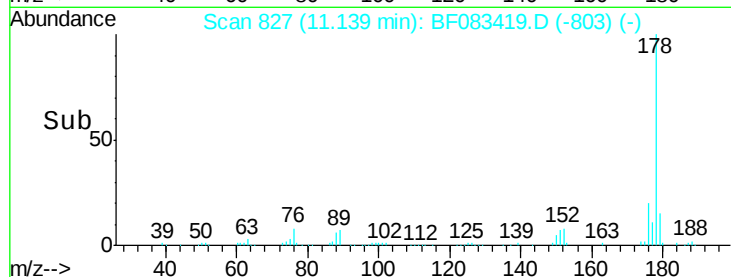
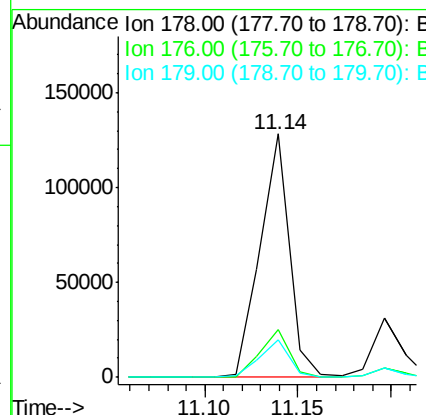
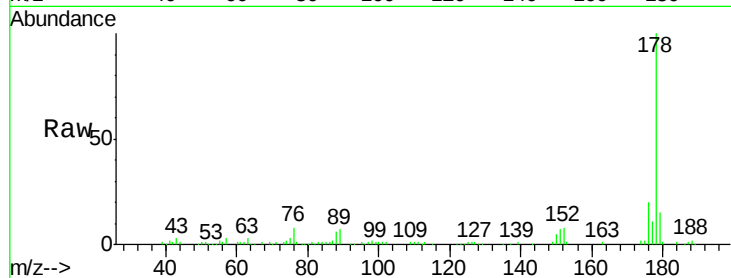
#70
Phenanthrene
Concen: 4.42 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.02 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.3	22.9
179	15.2	12.4	18.6

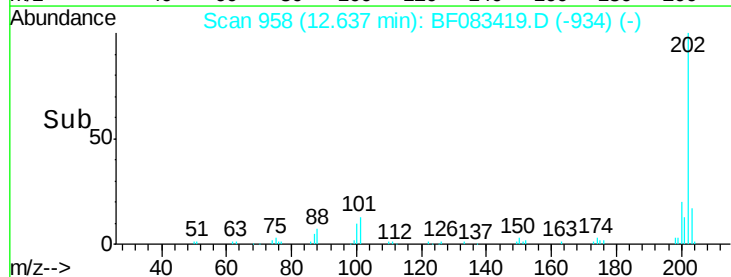
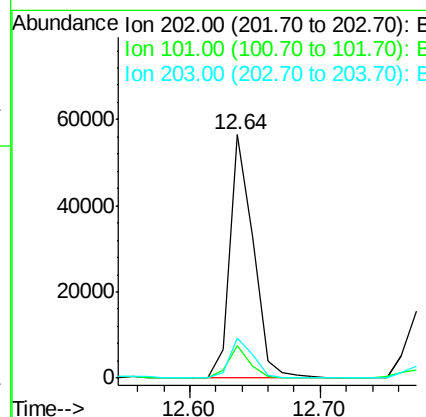
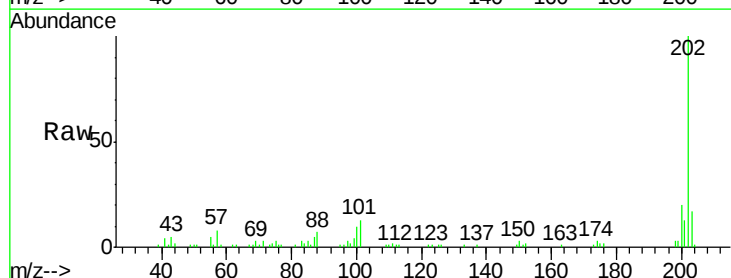
Manual Integrations
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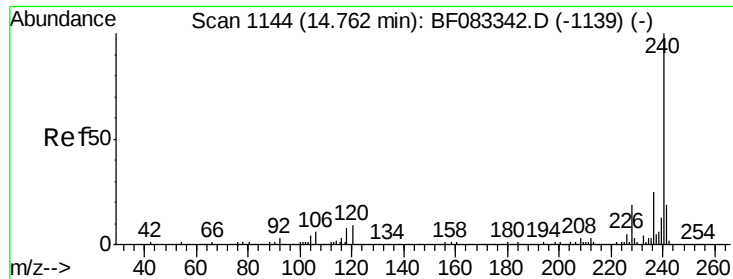
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#74
Fluoranthene
Concen: 2.15 ng
RT: 12.64 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	34.5
203	16.6	0.0	38.7





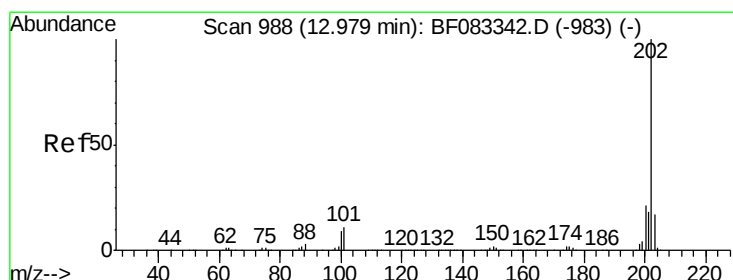
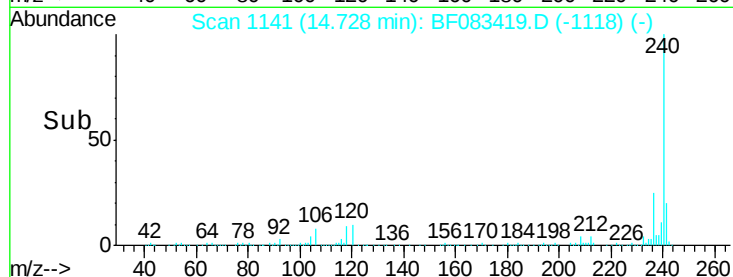
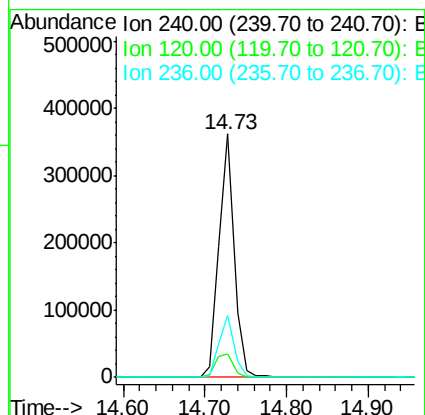
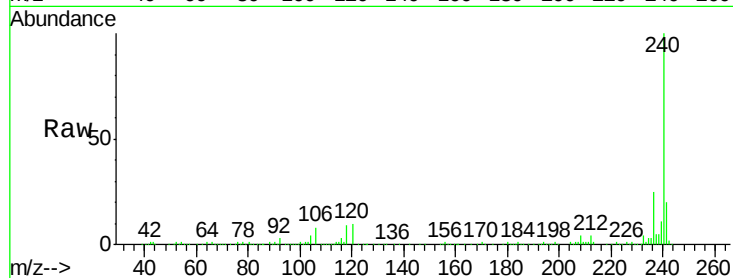
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.73 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Instrument :
BNA_F
ClientSampleId :
DUP2-112415

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.7	6.9	10.3	
236	25.3	19.8	29.6	

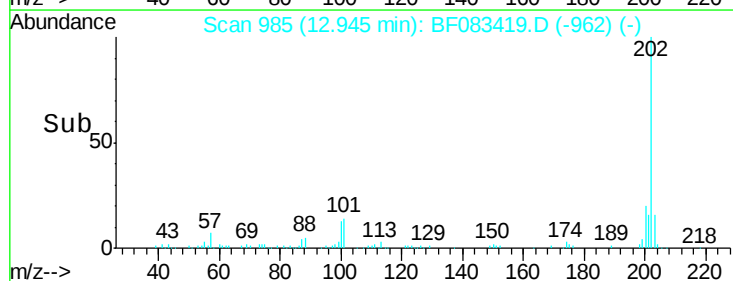
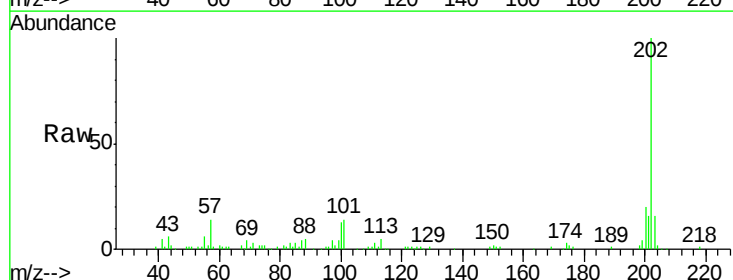
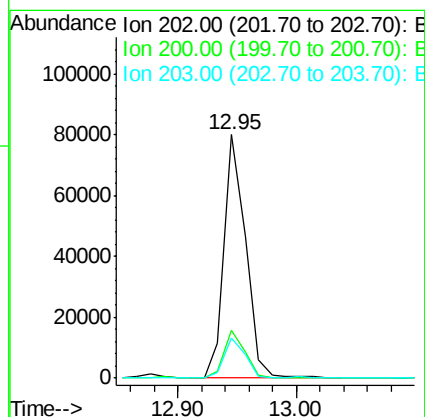
Manual Integrations
APPROVED

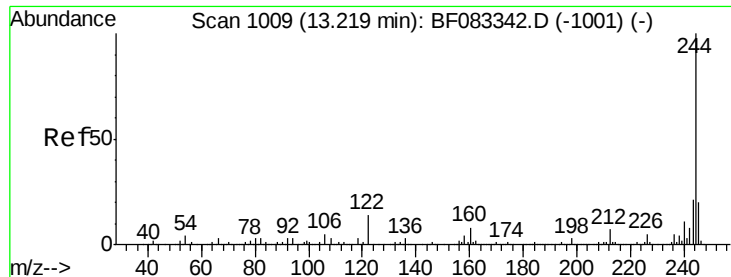
Mmdadoda
12/3/2015 7:09:32 PM



#77
Pyrene
Concen: 3.05 ng
RT: 12.95 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF083419.D
Acq: 2 Dec 2015 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	19.5	16.9	25.3	
203	16.3	13.9	20.9	





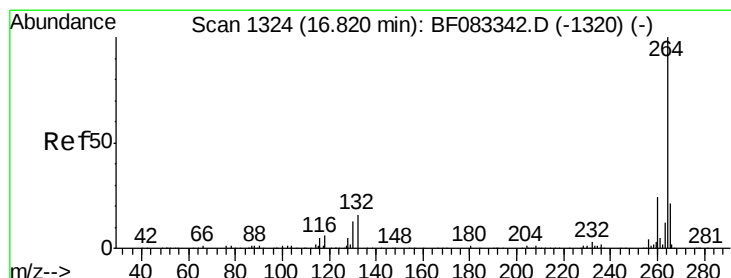
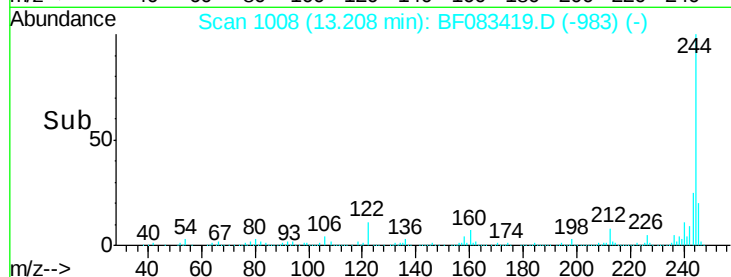
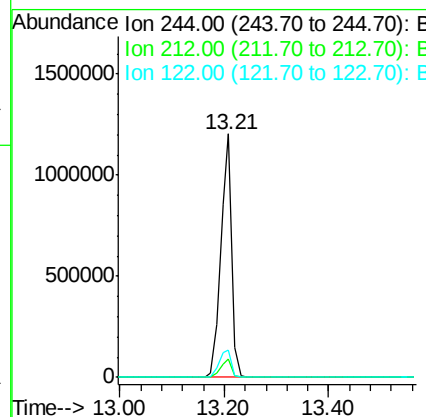
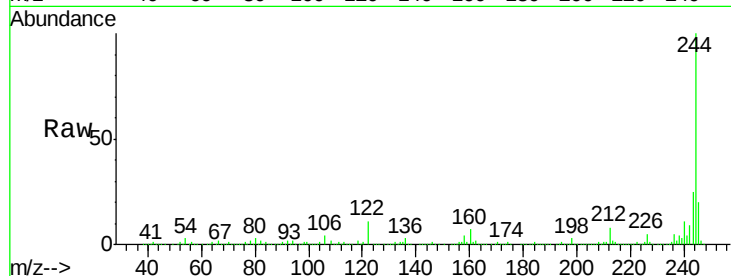
#78
 Terphenyl-d14
 Concen: 87.10 ng
 RT: 13.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BF083419.D
 Acq: 2 Dec 2015 15:41

Instrument :
 BNA_F
 ClientSampleId :
 DUP2-112415

Tot Ion:244 Resp: 1721344
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 11.2 11.0 16.4

Manual Integrations
 APPROVED

Mmdadoda
 12/3/2015 7:09:32 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.79 min Scan# 1321
 Delta R.T. -0.03 min
 Lab File: BF083419.D
 Acq: 2 Dec 2015 15:41

Tgt Ion:264 Resp: 345305
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.4
 265 21.5 16.8 25.2

