

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
 Data File : BF083528.D
 Acq On : 6 Dec 2015 13:53
 Operator : UM/IZ
 Sample : G4614-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S26-15.5

Manual Integrations
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 12/7/2015 6:33:25 PM

Quant Time: Dec 07 05:55:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.73	152	196484	20.00	ng	-0.03
21) Naphthalene-d8	7.63	136	764093	20.00	ng	-0.05
38) Acenaphthene-d10	10.42	164	385053	20.00	ng	-0.05
63) Phenanthrene-d10	12.82	188	698593	20.00	ng	-0.03
75) Chrysene-d12	17.01	240	592200	20.00	ng	-0.03
86) Perylene-d12	18.65	264	441917	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.02	112	1625452	125.51	ng	-0.01
7) Phenol-d6	5.30	99	2181356	122.25	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1456052	89.08	ng	-0.03
41) 2,4,6-Tribromophenol	11.71	330	432397	121.73	ng	-0.05
44) 2-Fluorobiphenyl	9.38	172	2095799	73.82	ng	-0.05
78) Terphenyl-d14	15.46	244	1821153	68.43	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.06	163	673197	22.21	ng	99
70) Phenanthrene	12.85	178	491852	12.10	ng	99
71) Anthracene	12.96	178	113499	2.74	ng	96
74) Fluoranthene	14.79	202	461715	11.46	ng	97
77) Pyrene	15.14	202	411144	9.28	ng	# 96
80) Benzo(a)anthracene	17.00	228	165748	4.78	ng	98
82) Chrysene	17.06	228	155898m	4.52	ng	
87) Benzo(b)fluoranthene	18.28	252	122544m	4.94	ng	
89) Benzo(a)pyrene	18.60	252	91622	3.80	ng	97

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

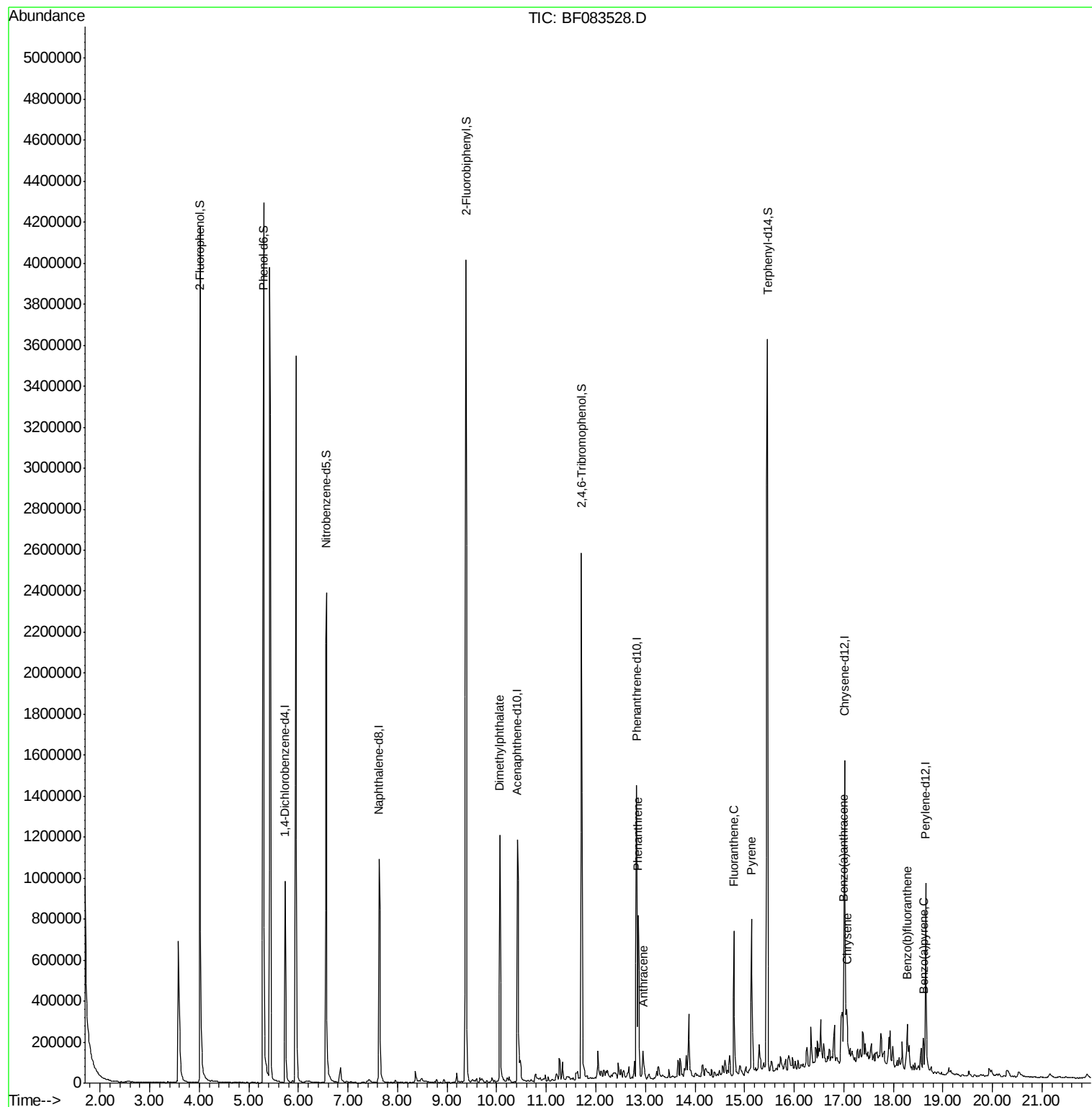
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120615\
Data File : BF083528.D
Acq On : 6 Dec 2015 13:53
Operator : UM/IZ
Sample : G4614-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

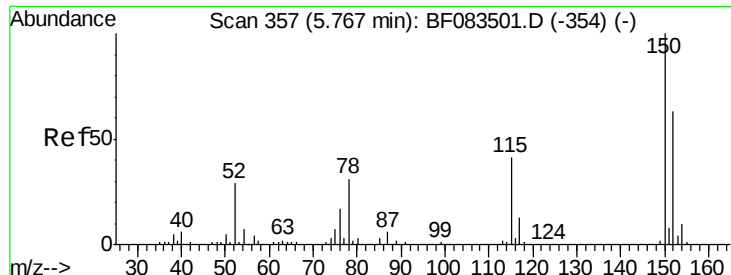
Instrument :
BNA_F
ClientSampleId :
S26-15.5

Manual Integrations
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12/7/2015 6:33:25 PM

Quant Time: Dec 07 05:55:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 05 04:12:46 2015
Response via : Initial Calibration





#1

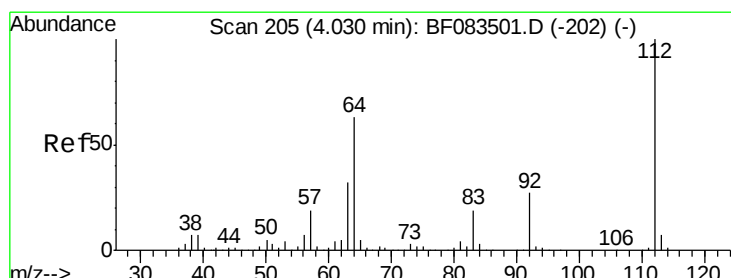
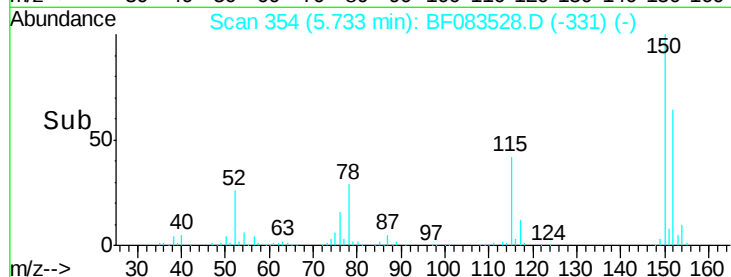
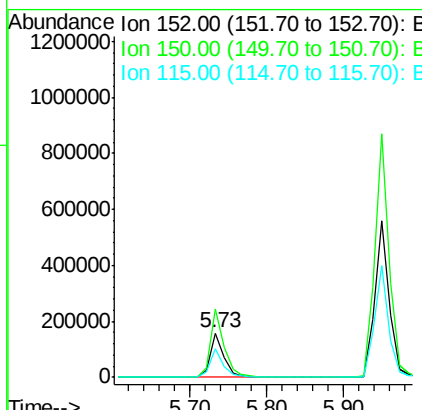
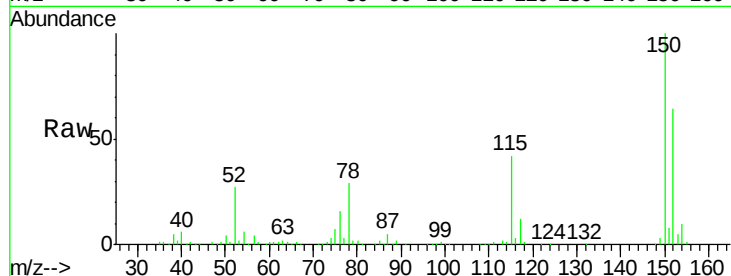
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.73 min Scan# 354
Delta R.T. -0.03 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	126.5	189.7
115	64.7	52.3	78.5

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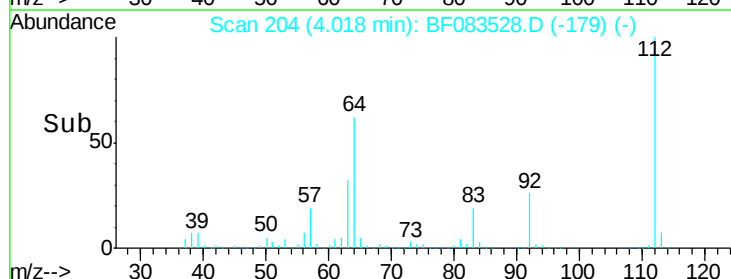
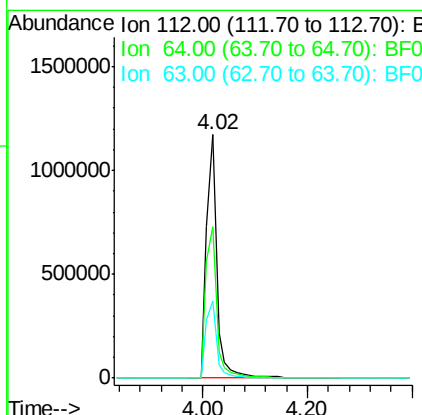
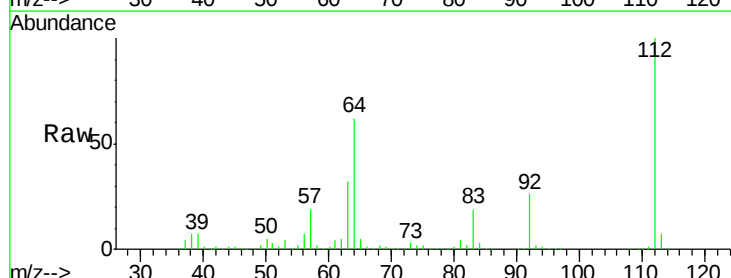
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#5

2-Fluorophenol
Concen: 125.51 ng
RT: 4.02 min Scan# 204
Delta R.T. -0.01 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	50.5	75.7
63	31.8	25.8	38.6





#7

Phenol-d6

Concen: 122.25 ng

RT: 5.30 min Scan# 316

Delta R.T. -0.02 min

Lab File: BF083528.D

Acq: 6 Dec 2015 13:53

Instrument :

BNA_F

ClientSampleId :

S26-15.5

Tot Ion: 99 Resp: 2181356

Ion Ratio Lower Upper

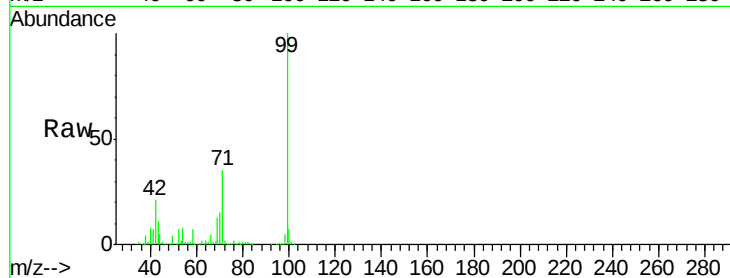
99 100

42 21.1 17.3 25.9

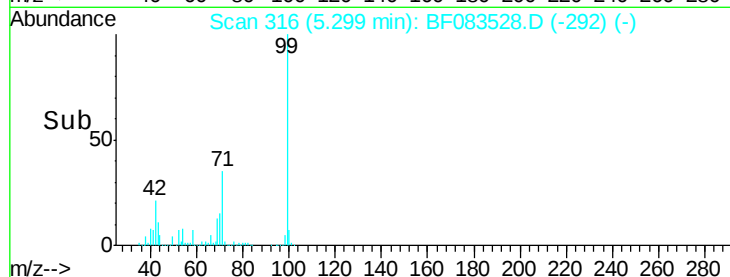
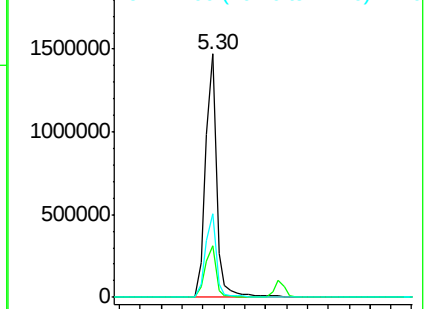
71 34.5 26.6 40.0

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Abundance Ion 99.00 (98.70 to 99.70): BF0
2000000
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.63 min Scan# 520

Delta R.T. -0.05 min

Lab File: BF083528.D

Acq: 6 Dec 2015 13:53

Tgt Ion: 136 Resp: 764093

Ion Ratio Lower Upper

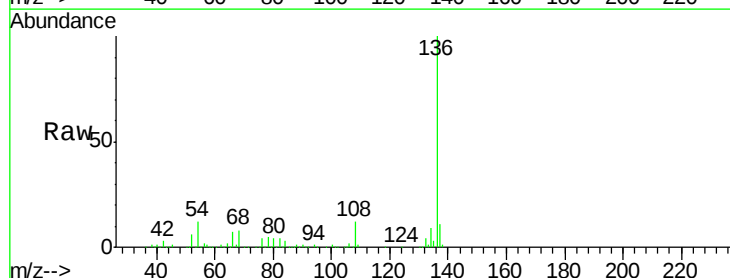
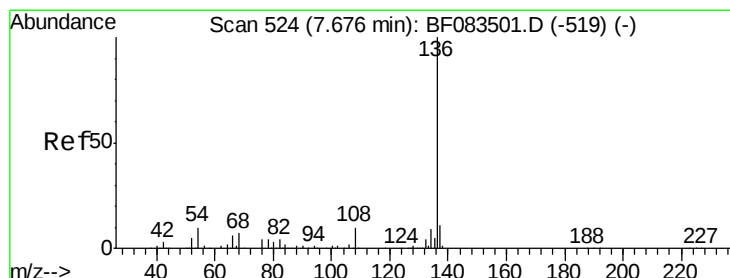
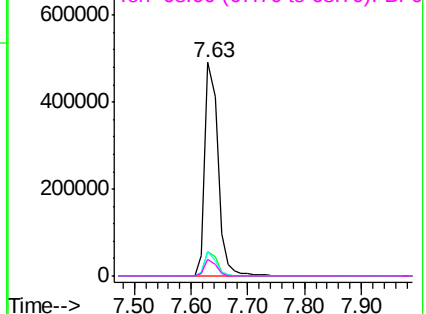
136 100

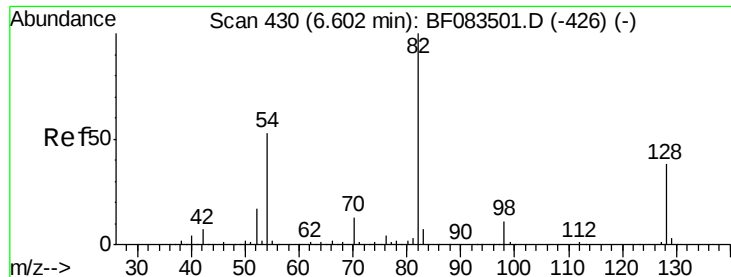
137 11.3 8.7 13.1

54 11.6 7.8 11.6

68 7.9 5.7 8.5

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





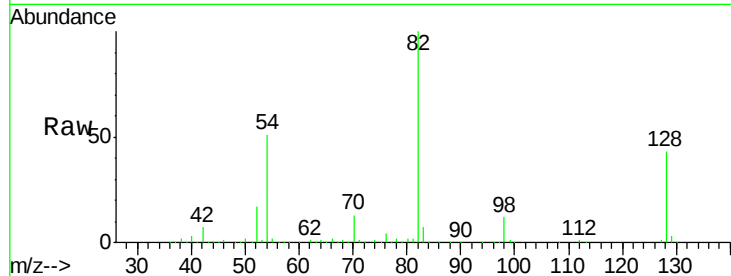
#23
Nitrobenzene-d5
Concen: 89.08 ng
RT: 6.57 min Scan# 427
Delta R.T. -0.03 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

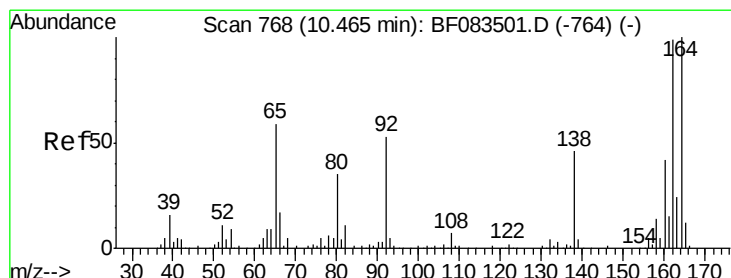
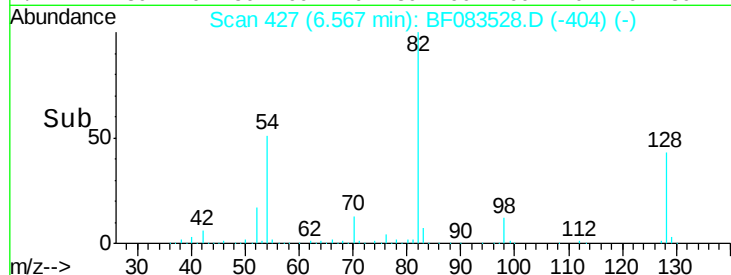
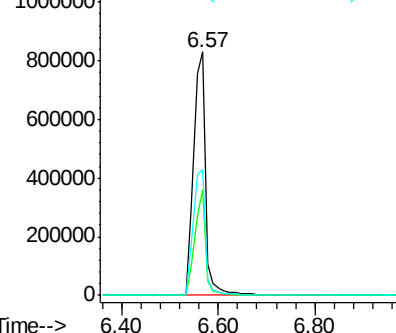
Tot Ion: 82 Resp: 1456052
Ion Ratio Lower Upper
82 100
128 43.2 30.7 46.1
54 51.5 42.5 63.7

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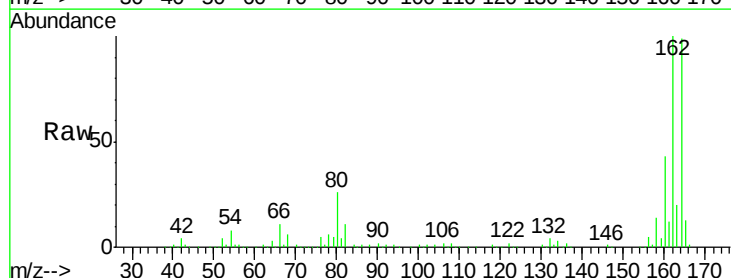


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

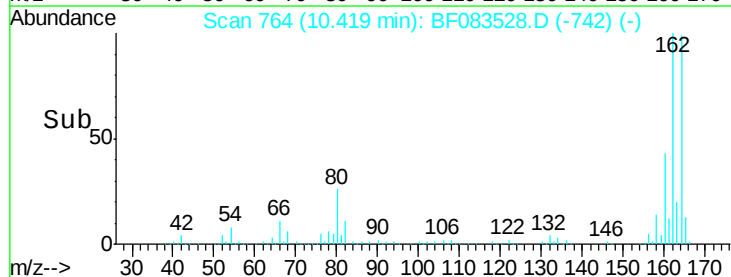
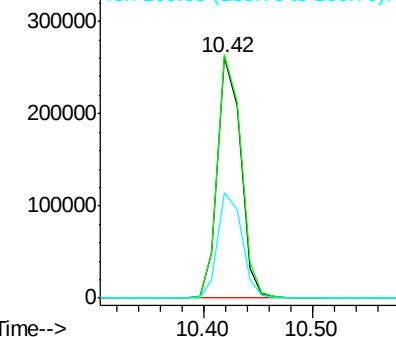


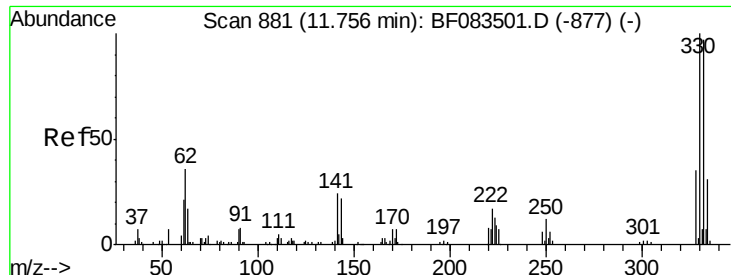
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.42 min Scan# 764
Delta R.T. -0.05 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion: 164 Resp: 385053
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 43.8 33.4 50.2



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





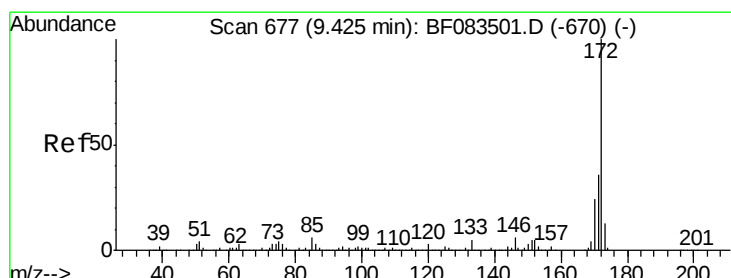
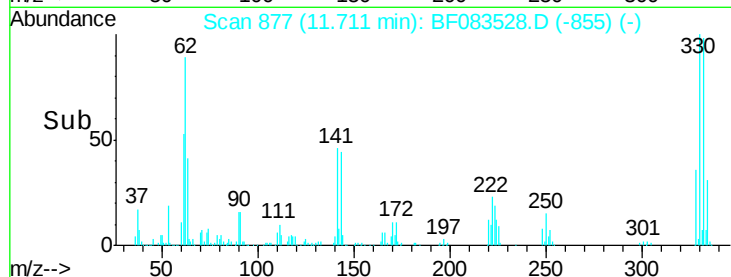
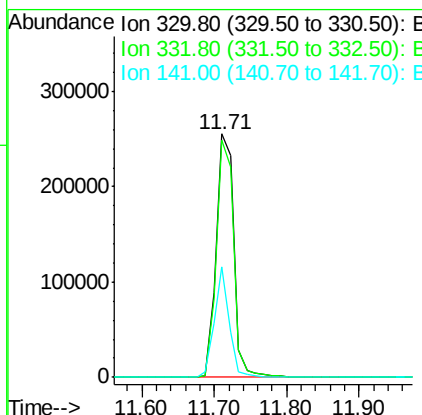
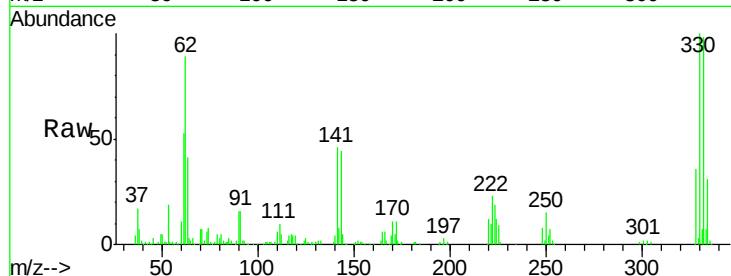
#41
 2,4,6-Tribromophenol
 Concen: 121.73 ng
 RT: 11.71 min Scan# 877
 Delta R.T. -0.05 min
 Lab File: BF083528.D
 Acq: 6 Dec 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 S26-15.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	432397		
332	96.2	0.0	0.0	0.0
141	38.3	0.0	0.0	0.0

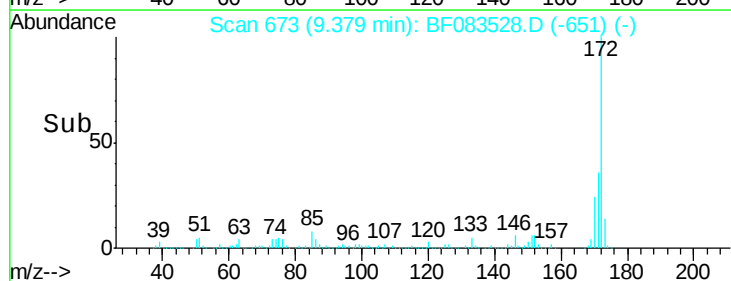
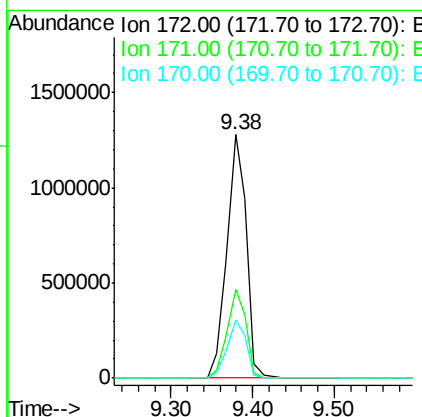
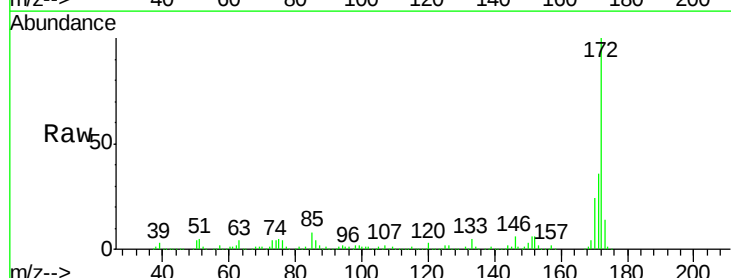
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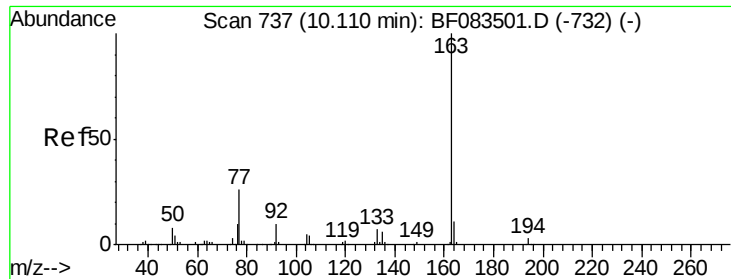
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#44
 2-Fluorobiphenyl
 Concen: 73.82 ng
 RT: 9.38 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF083528.D
 Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2095799		
171	36.5	28.6	42.8	
170	24.0	19.4	29.0	





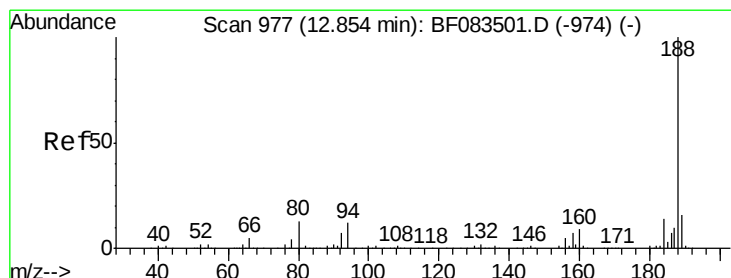
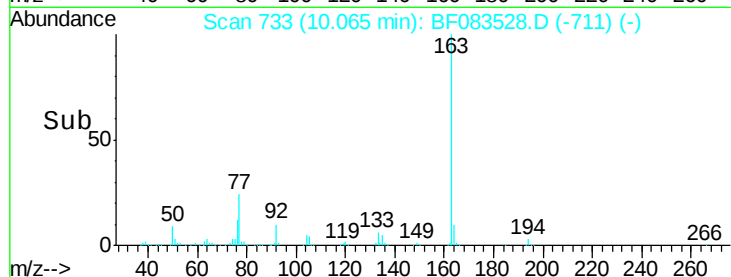
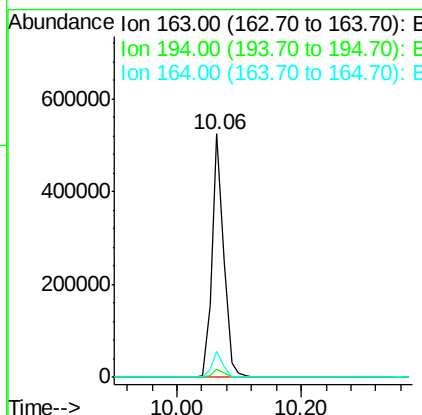
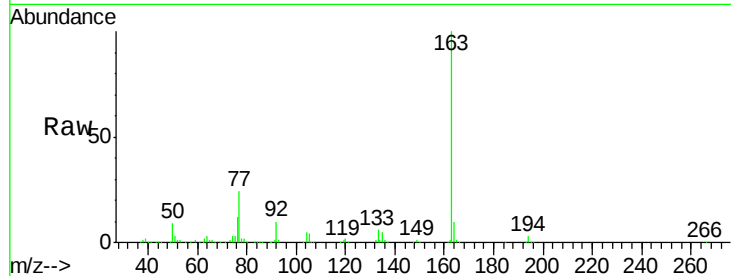
#49
Dimethylphthalate
Concen: 22.21 ng
RT: 10.06 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	673197		
194	3.3		2.8	4.2
164	10.5		8.6	13.0

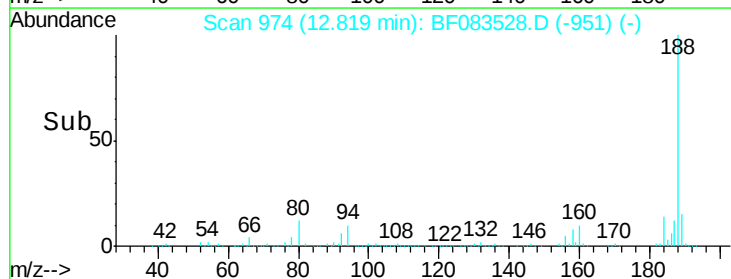
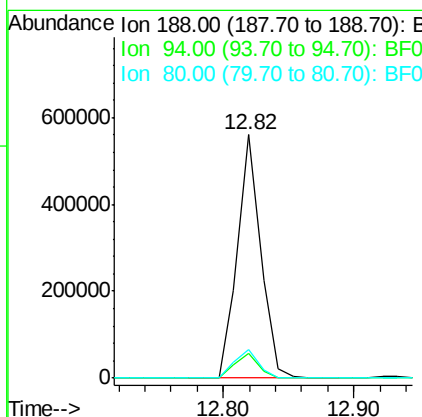
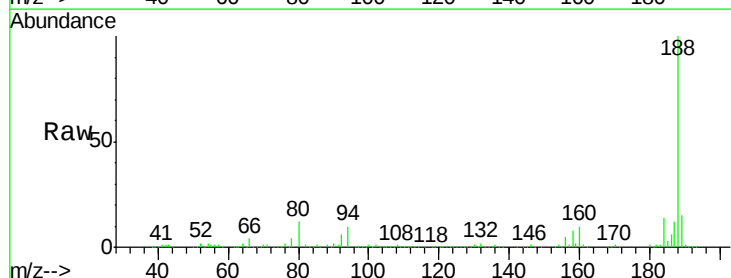
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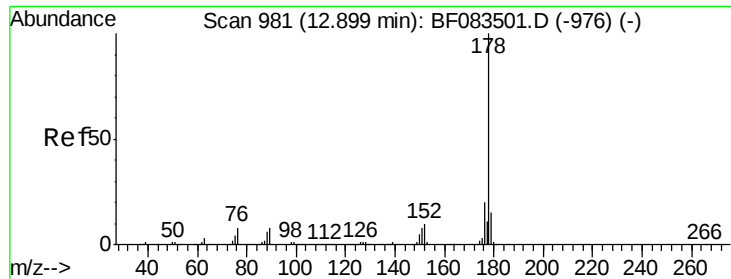
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 974
Delta R.T. -0.03 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	698593		
94	10.3		9.4	14.2
80	12.0		10.6	16.0





#70

Phenanthrene

Concen: 12.10 ng

RT: 12.85 min Scan# 977

Delta R.T. -0.05 min

Lab File: BF083528.D

Acq: 6 Dec 2015 13:53

Instrument :

BNA_F

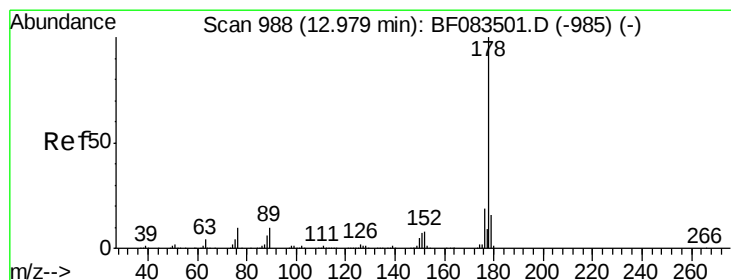
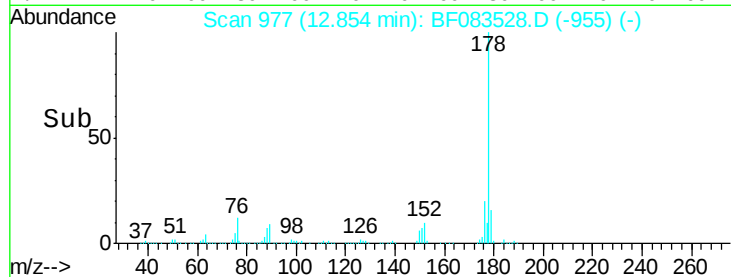
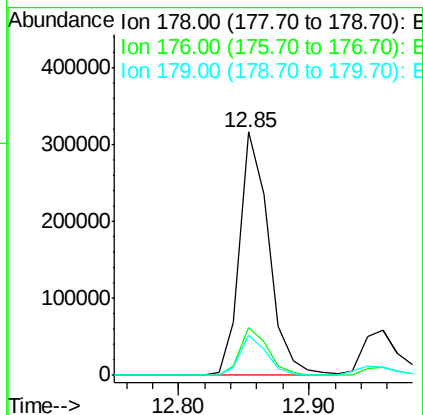
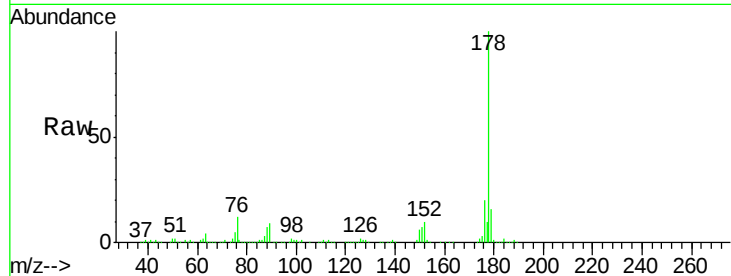
ClientSampleId :

S26-15.5

Tot Ion:	178	Resp:	491852
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.7	23.5
179	16.3	12.2	18.4

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#71

Anthracene

Concen: 2.74 ng

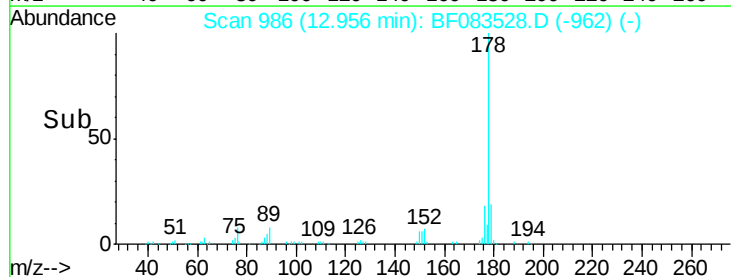
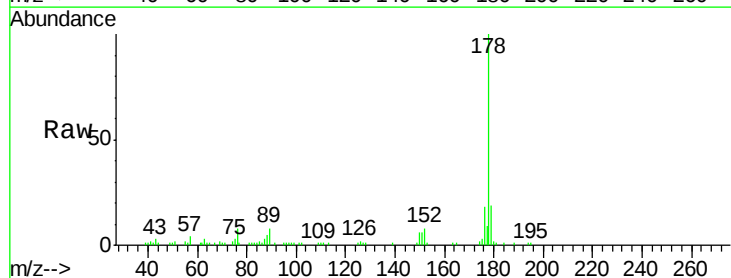
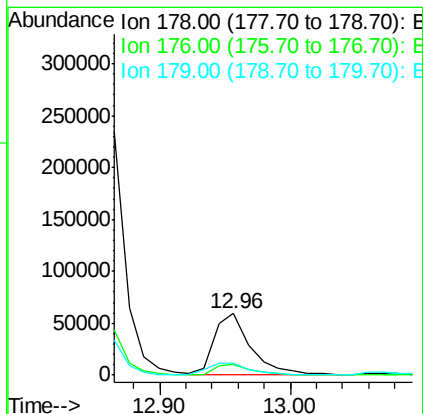
RT: 12.96 min Scan# 986

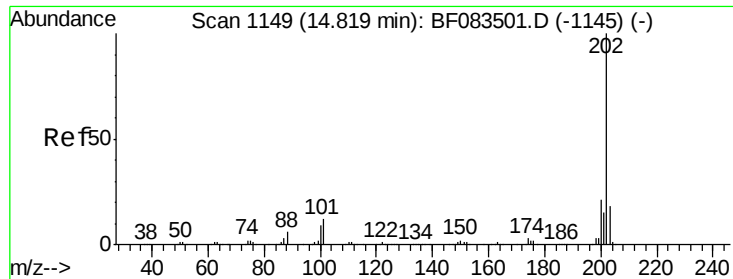
Delta R.T. -0.02 min

Lab File: BF083528.D

Acq: 6 Dec 2015 13:53

Tgt Ion:	178	Resp:	113499
Ion Ratio	Lower	Upper	
178	100		
176	18.0	15.2	22.8
179	18.6	12.6	18.8





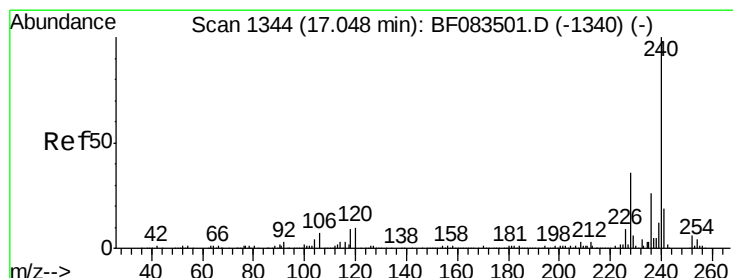
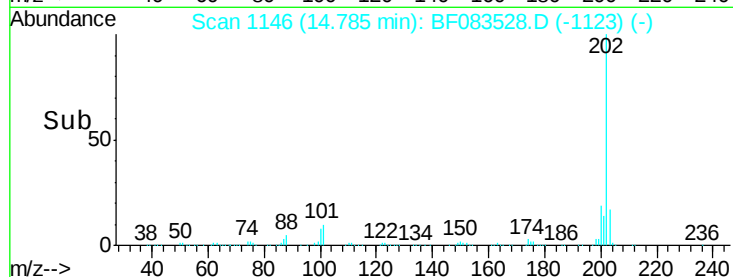
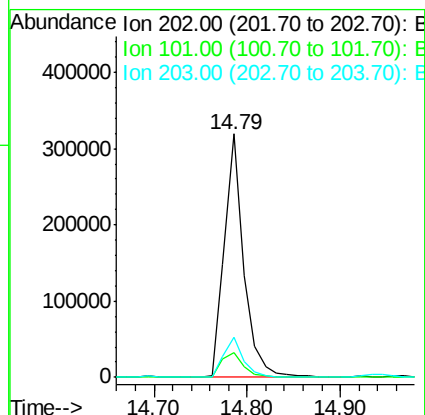
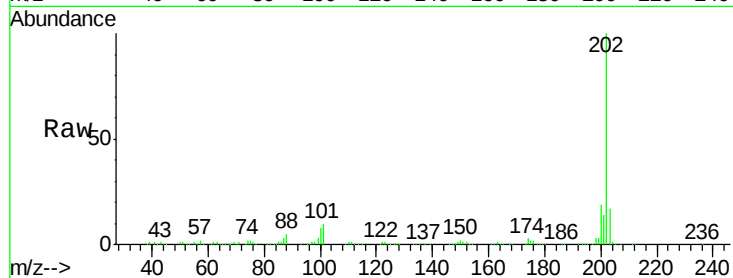
#74
 Fluoranthene
 Concen: 11.46 ng
 RT: 14.79 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF083528.D
 Acq: 6 Dec 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 S26-15.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	31.5
203	16.7	0.0	37.6

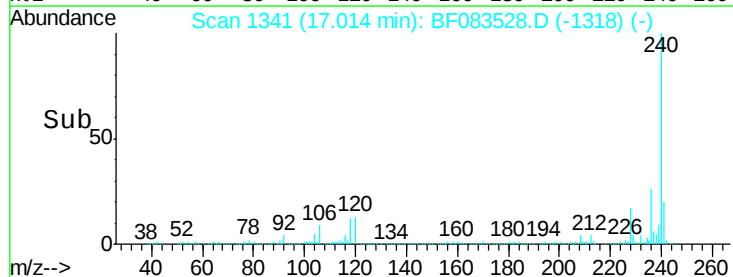
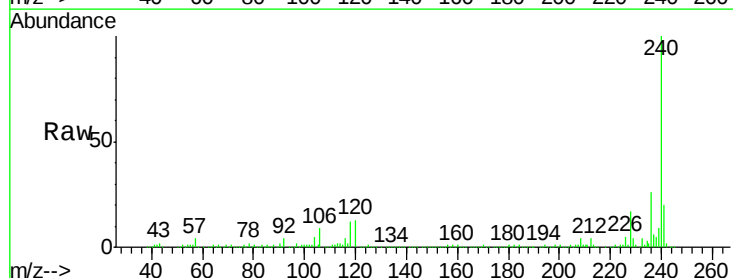
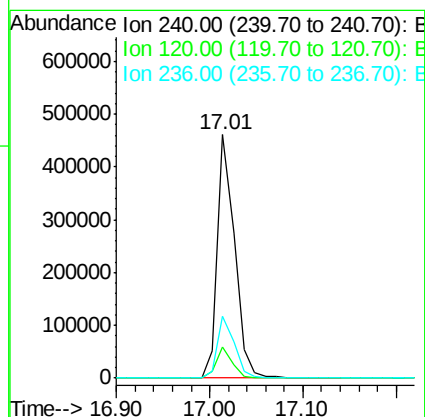
Manual Integrations
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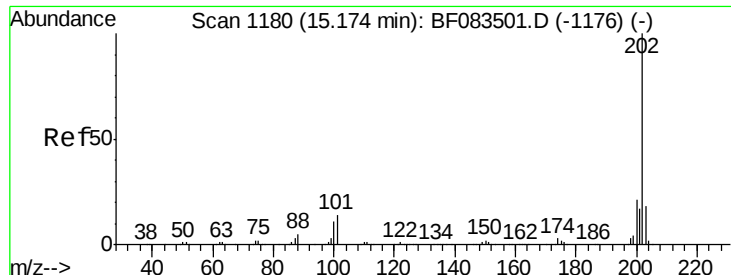
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083528.D
 Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	8.1	12.1#
236	25.6	20.8	31.2





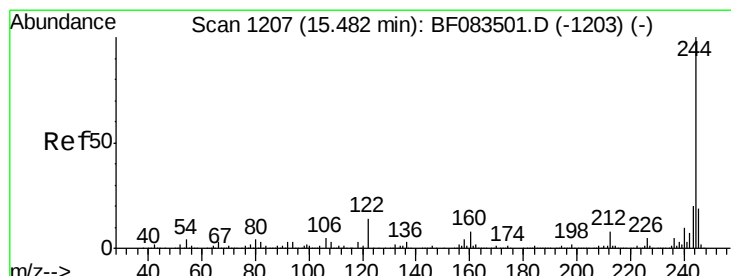
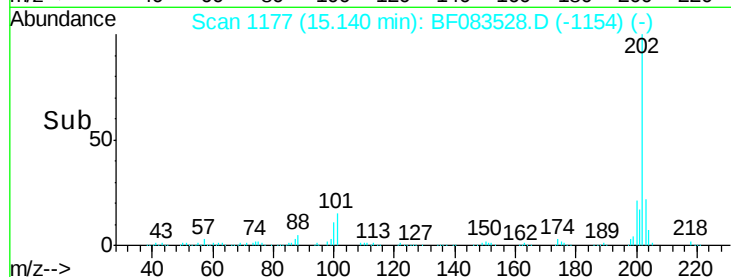
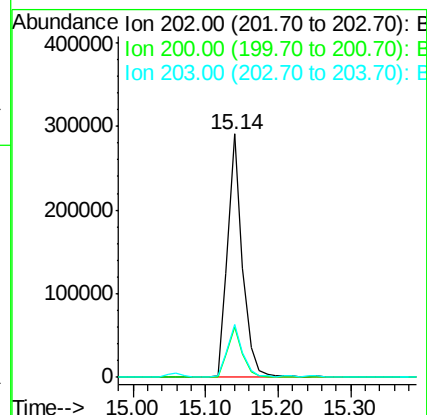
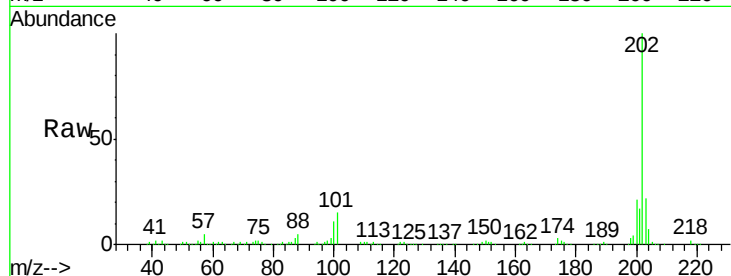
#77
Pvrene
Concen: 9.28 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.03 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.9	16.7	25.1
203	21.9	14.3	21.5#

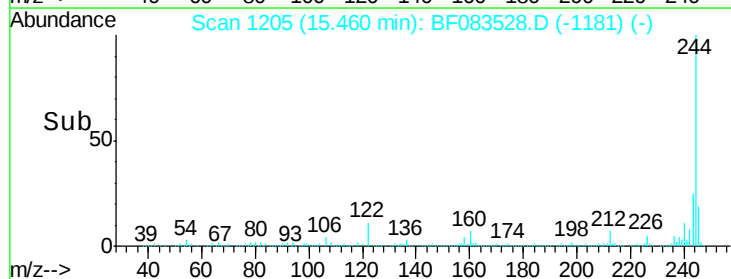
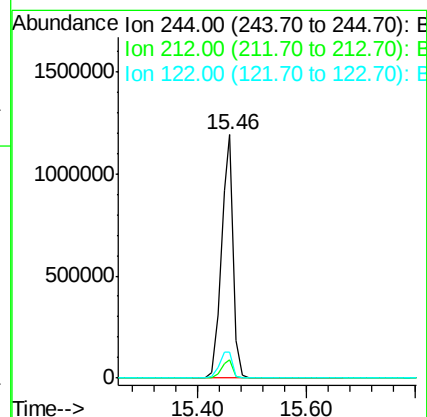
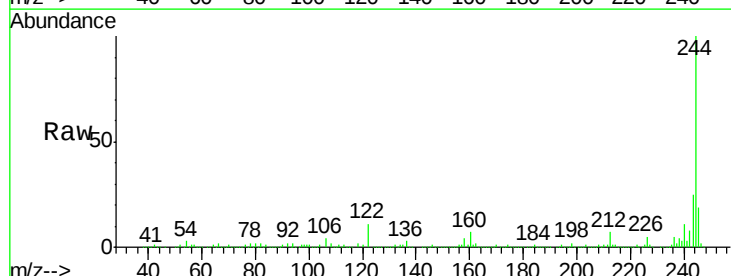
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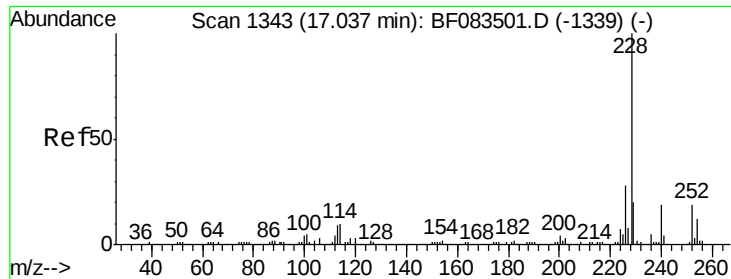
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#78
Terphenyl-d14
Concen: 68.43 ng
RT: 15.46 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.4	6.1	9.1
122	10.9	11.0	16.6#





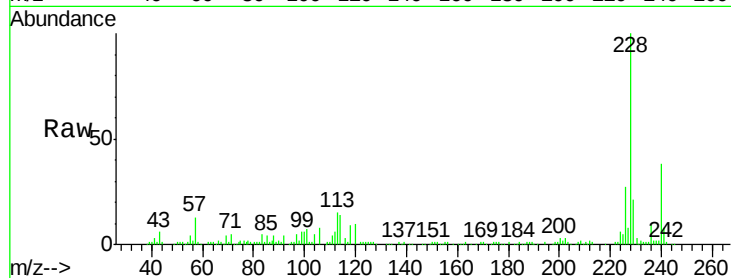
#80
Benzo(a)anthracene
Concen: 4.78 ng
RT: 17.00 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

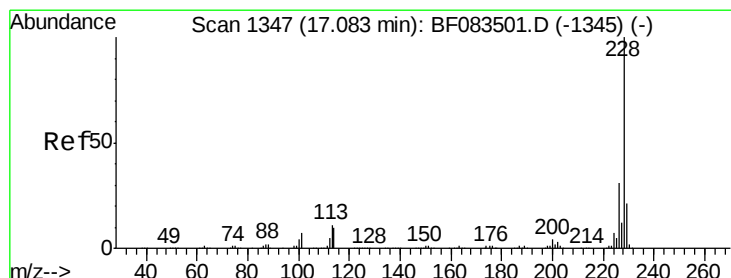
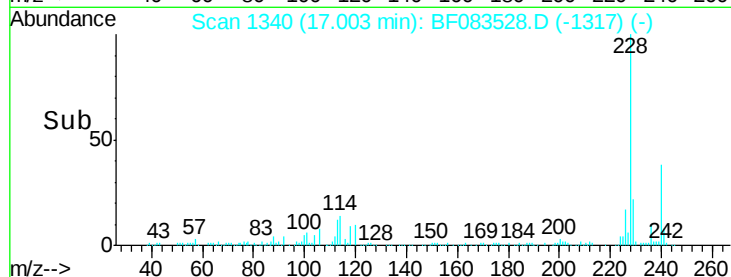
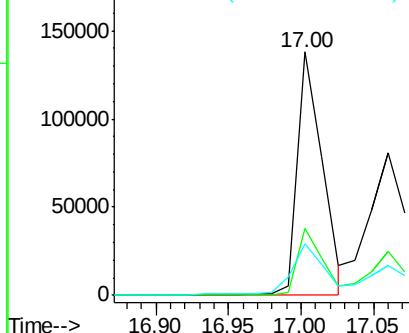
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.3	33.5
229	21.4	15.7	23.5

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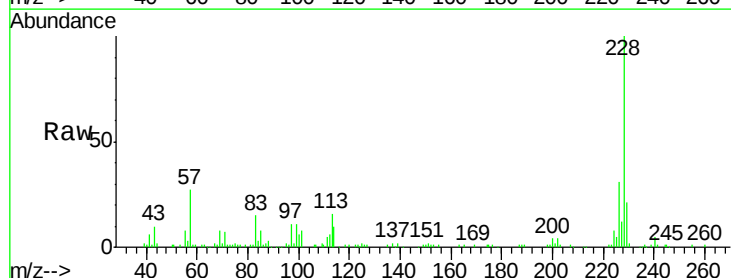


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

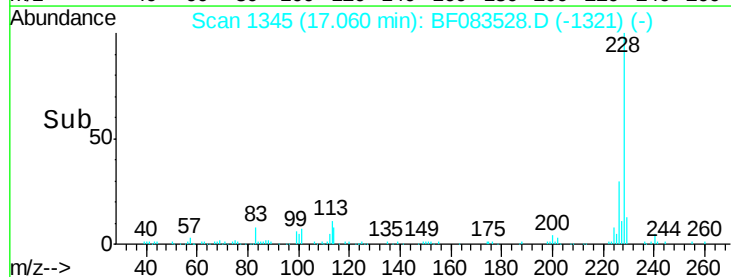
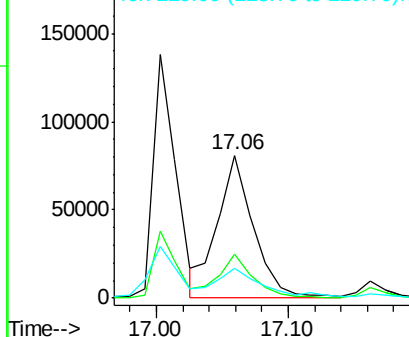


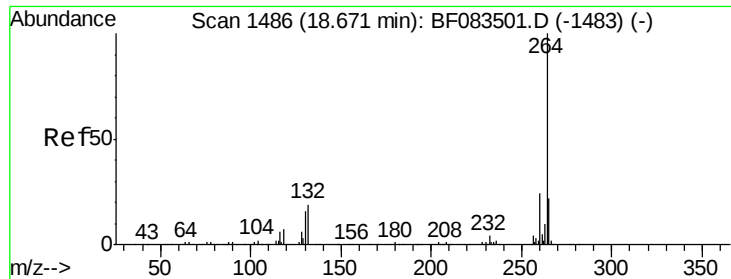
#82
Chrysene
Concen: 4.52 ng m
RT: 17.06 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.7	37.1
229	20.8	16.3	24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





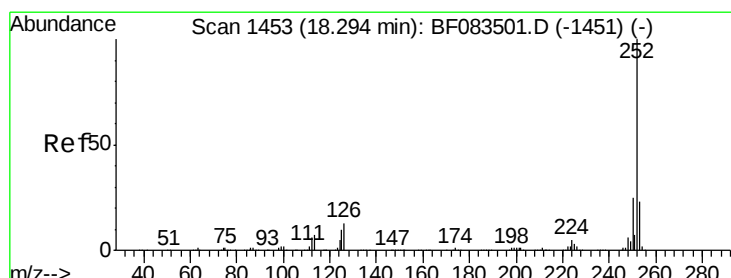
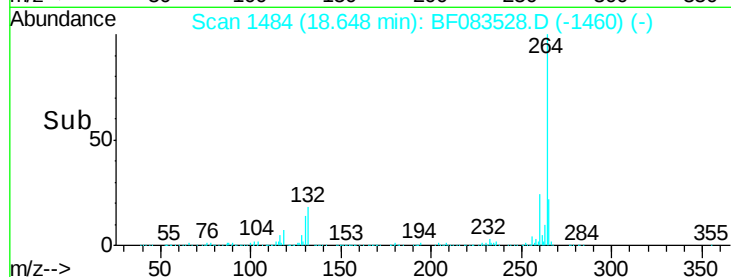
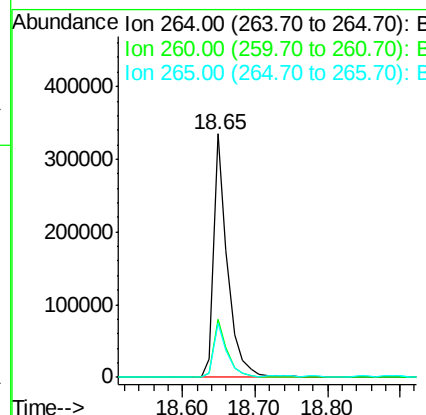
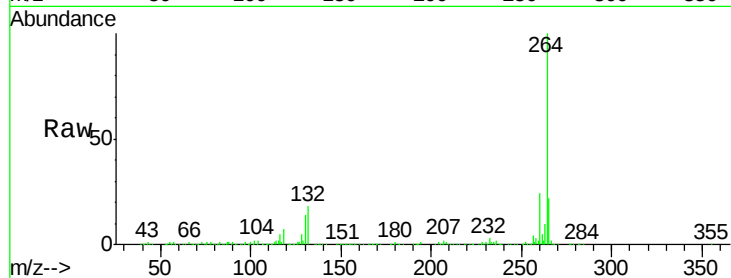
#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	22.3	17.8	26.6

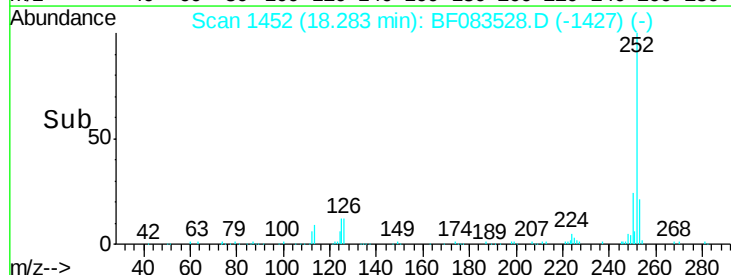
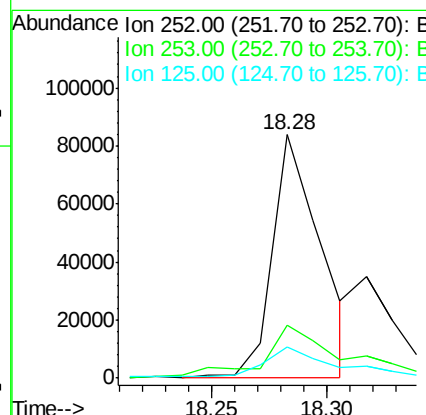
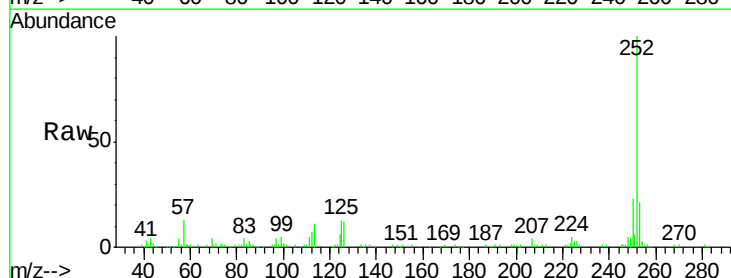
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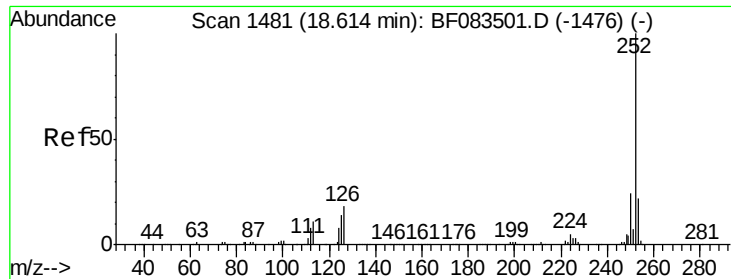
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#87
Benzo(b)fluoranthene
Concen: 4.94 ng m
RT: 18.28 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	12.9	8.2	12.4#





#89
Benzo(a)pyrene
Concen: 3.80 ng
RT: 18.60 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BF083528.D
Acq: 6 Dec 2015 13:53

Instrument :
BNA_F
ClientSampleId :
S26-15.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	14.9	11.0	16.6

Manual Integrations
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