

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
 Data File : BF083270.D
 Acq On : 25 Nov 2015 13:29
 Operator : UM/IZ
 Sample : G4534-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Manual Integrations
 APPROVED

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 11/26/2015 6:43:29 PM

Quant Time: Nov 26 01:29:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	158585m	20.00	ng	-0.08
21) Naphthalene-d8	7.87	136	623418	20.00	ng	-0.08
38) Acenaphthene-d10	9.62	164	327123	20.00	ng	-0.08
63) Phenanthrene-d10	11.10	188	608990	20.00	ng	-0.08
75) Chrysene-d12	13.73	240	516983	20.00	ng	-0.08
86) Perylene-d12	15.07	264	376715	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	482705	46.02	ng	-0.10
7) Phenol-d6	6.25	99	406368	29.94	ng	-0.09
23) Nitrobenzene-d5	7.16	82	1324894	97.11	ng	-0.07
41) 2,4,6-Tribromophenol	10.41	330	273045	81.59	ng	-0.08
44) 2-Fluorobiphenyl	8.96	172	1889505	80.55	ng	-0.07
78) Terphenyl-d14	12.68	244	1724190	78.54	ng	-0.08

Target Compounds Qvalue

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

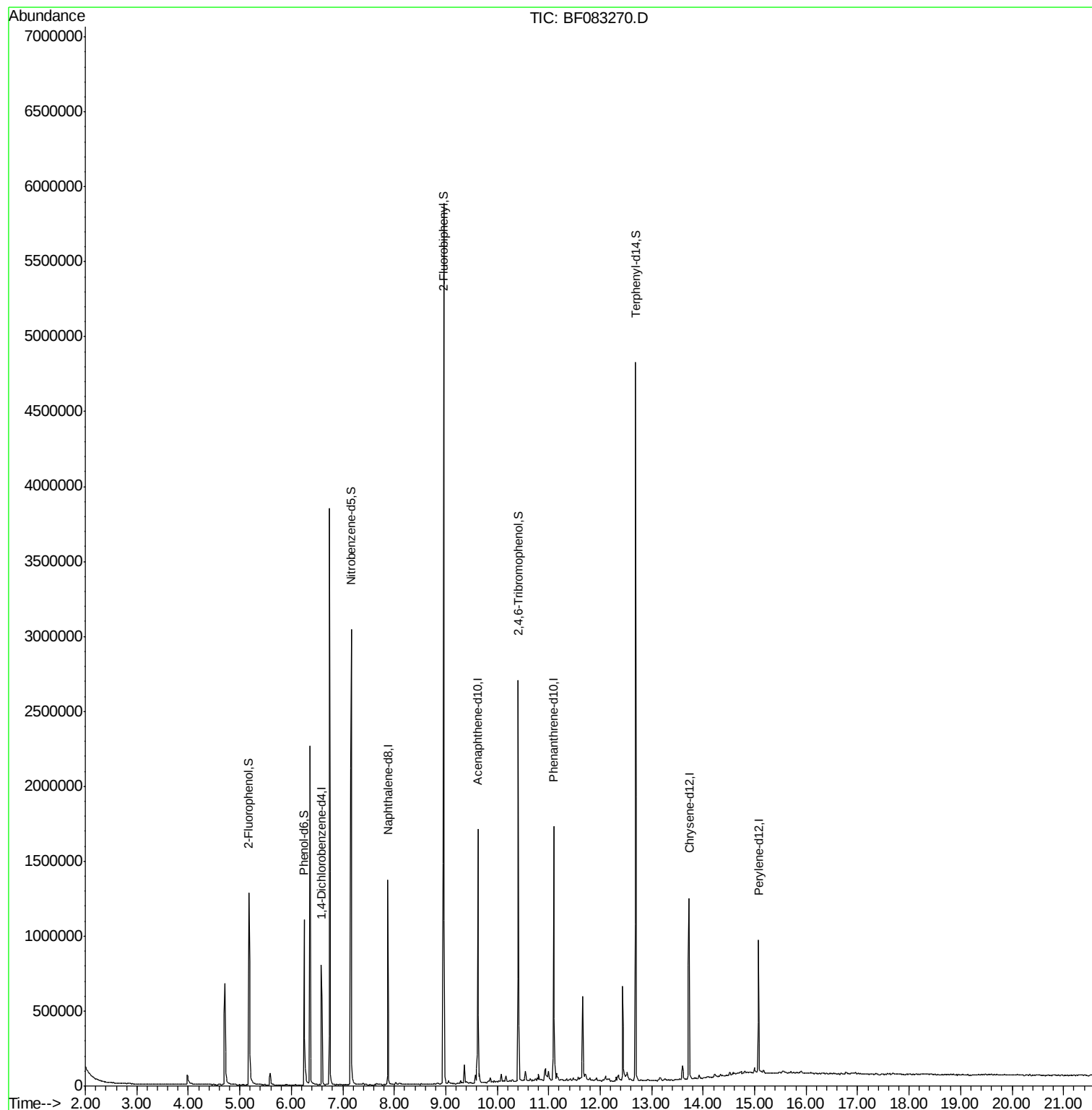
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112515\
Data File : BF083270.D
Acq On : 25 Nov 2015 13:29
Operator : UM/IZ
Sample : G4534-02
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Quant Time: Nov 26 01:29:26 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

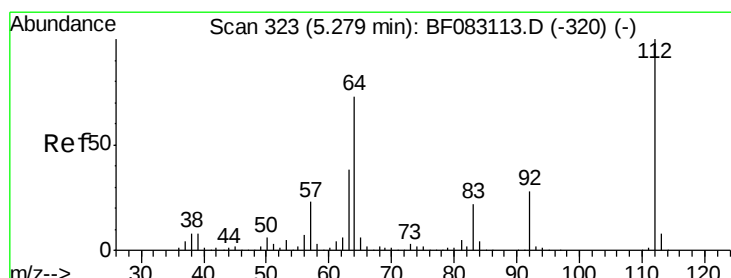
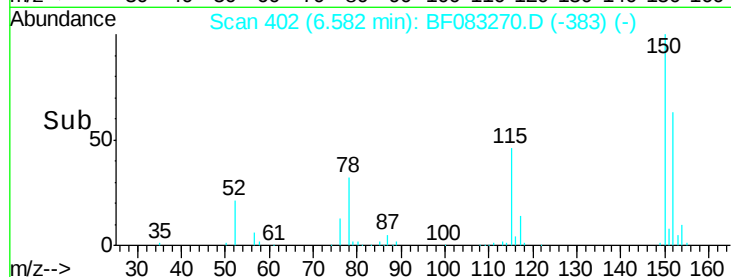
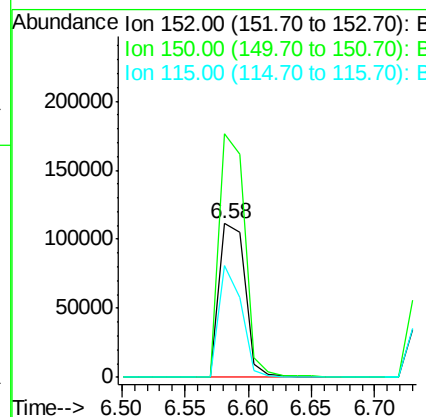
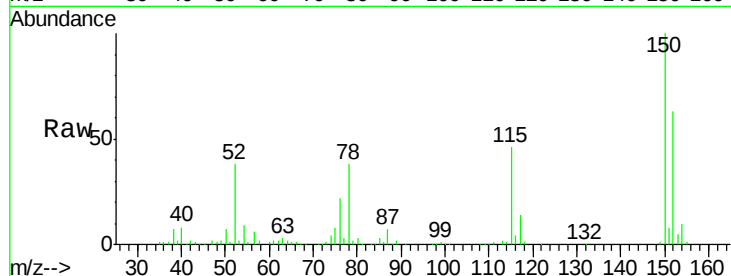
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.58 min Scan# 402
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	125.8	188.8
115	72.8	46.9	70.3

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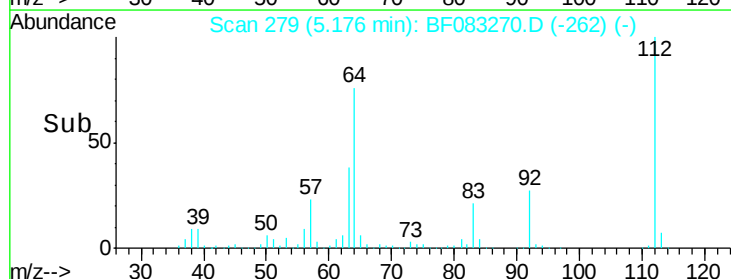
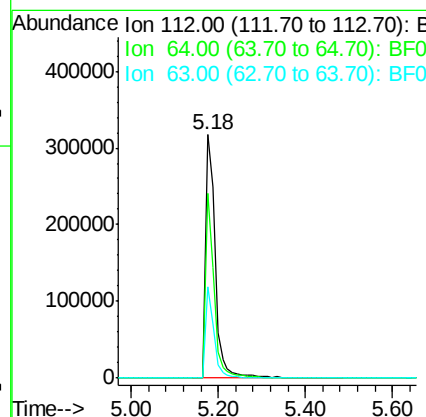
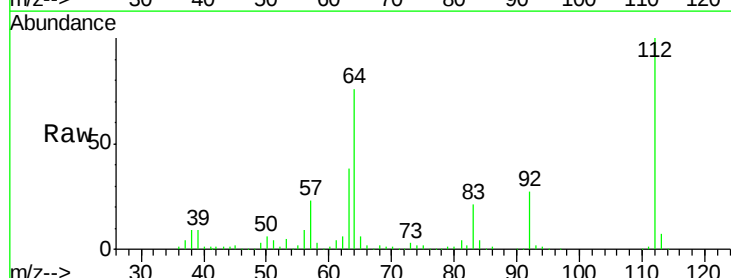
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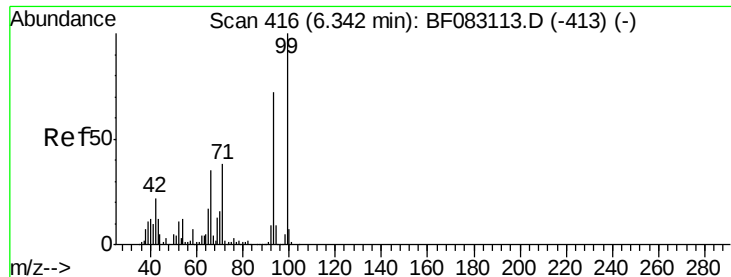


#5

2-Fluorophenol
Concen: 46.02 ng
RT: 5.18 min Scan# 279
Delta R.T. -0.10 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.8	58.4	87.6
63	37.7	30.0	45.0





#7

Phenol-d6

Concen: 29.94 ng

RT: 6.25 min Scan# 373

Delta R.T. -0.09 min

Lab File: BF083270.D

Acq: 25 Nov 2015 13:29

Instrument :

BNA_F

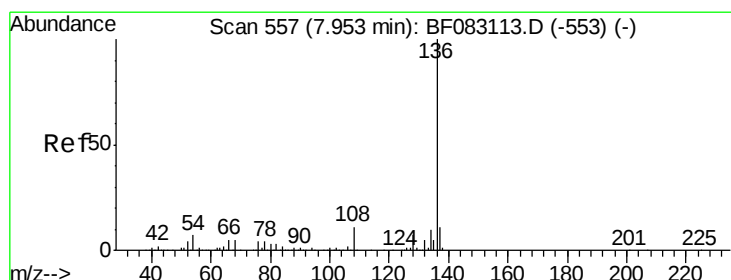
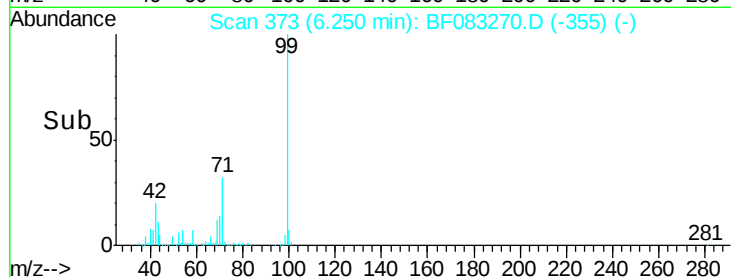
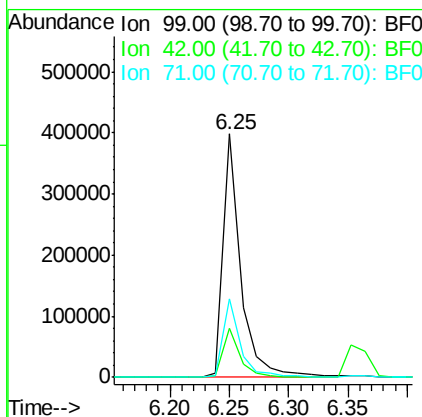
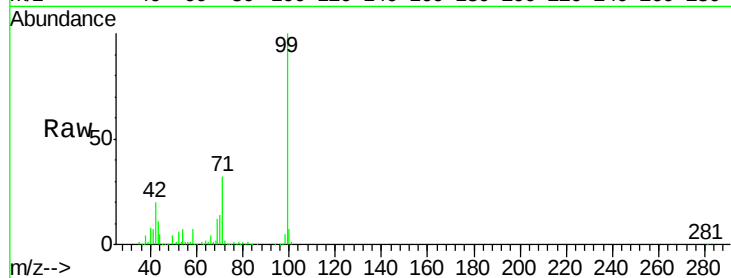
ClientSampleId :

MW-44

Tot Ion:	99	Resp:	406368
Ion Ratio	Lower	Upper	
99	100		
42	20.1	17.7	26.5
71	32.2	30.2	45.4

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#21

Naphthalene-d8

Concen: 20.00 ng

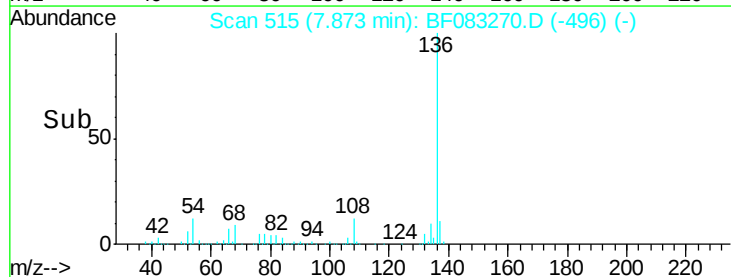
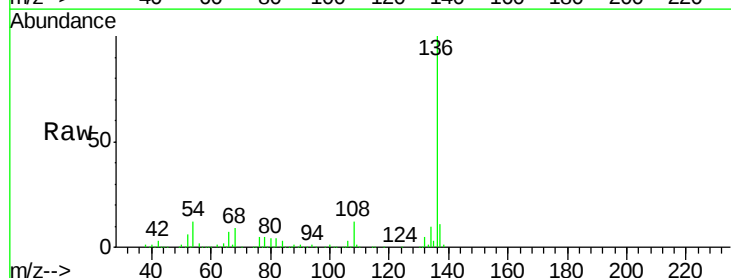
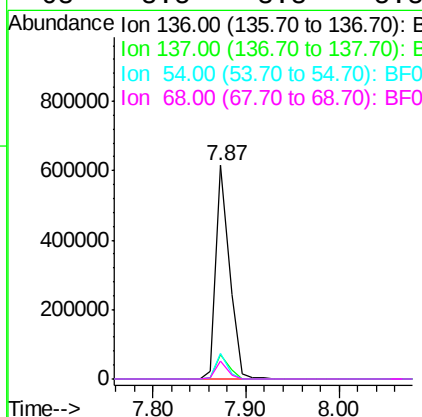
RT: 7.87 min Scan# 515

Delta R.T. -0.08 min

Lab File: BF083270.D

Acq: 25 Nov 2015 13:29

Tgt Ion:	136	Resp:	623418
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	12.3	5.8	8.6#
68	8.5	3.8	5.8#





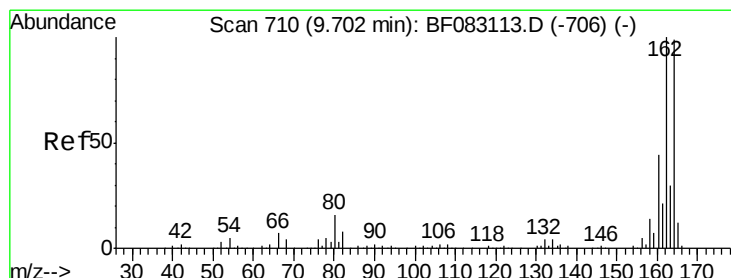
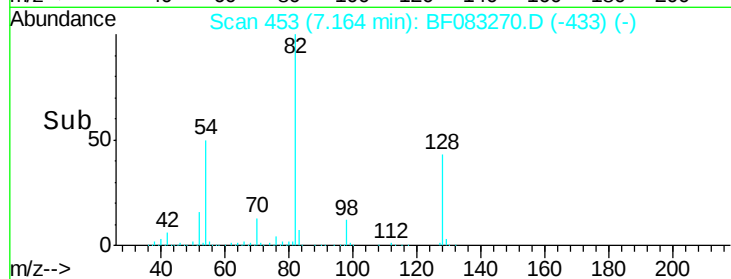
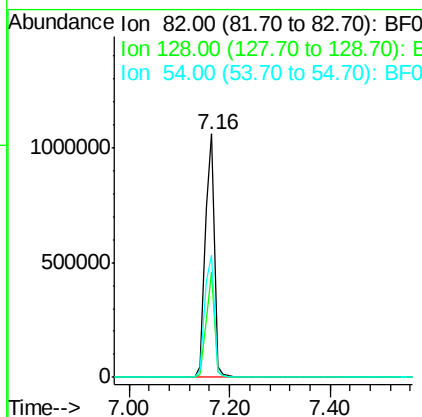
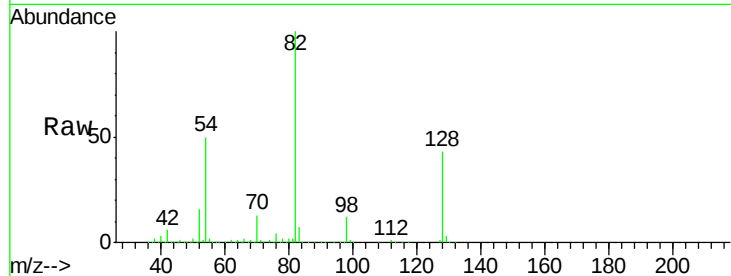
#23
Nitrobenzene-d5
Concen: 97.11 ng
RT: 7.16 min Scan# 453
Delta R.T. -0.07 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tot Ion: 82 Resp: 1324894
Ion Ratio Lower Upper
82 100
128 43.4 28.5 42.7#
54 50.3 44.6 67.0

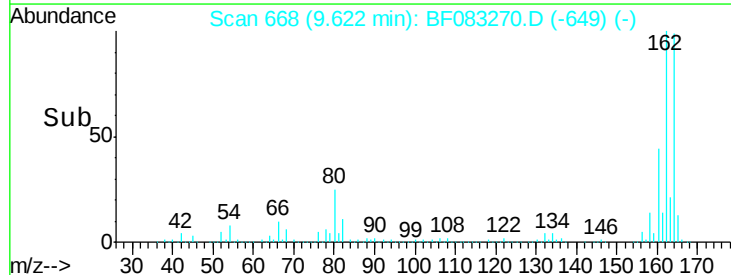
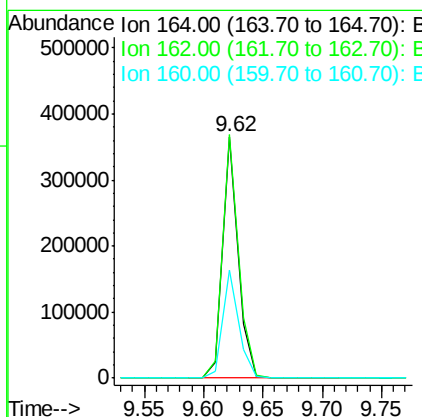
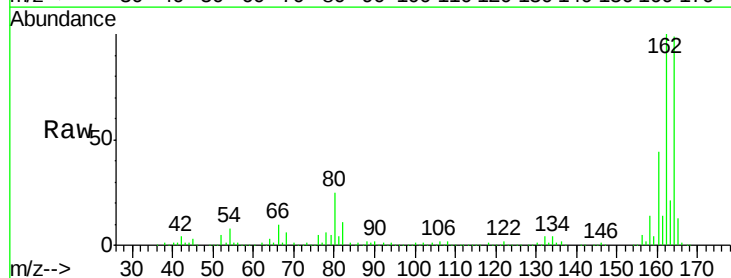
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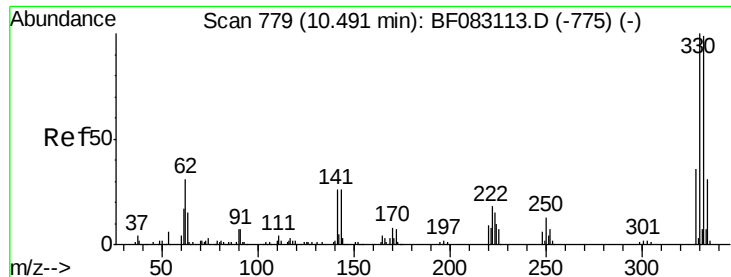
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 668
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion:164 Resp: 327123
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.6 35.6 53.4





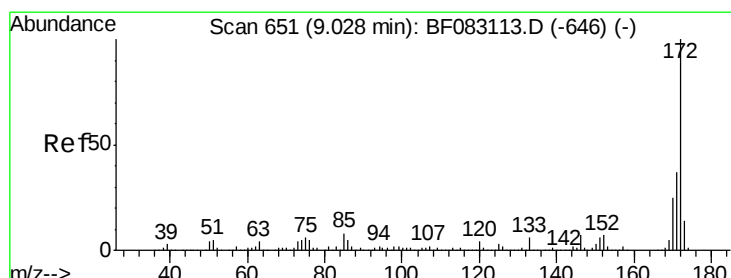
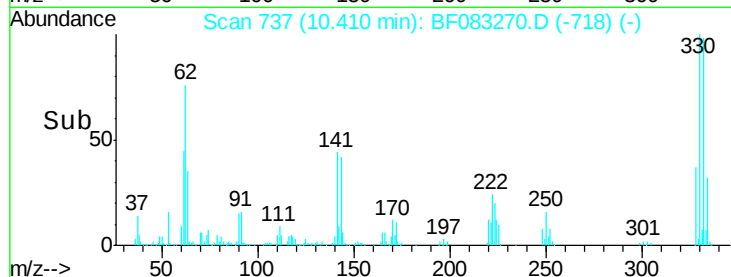
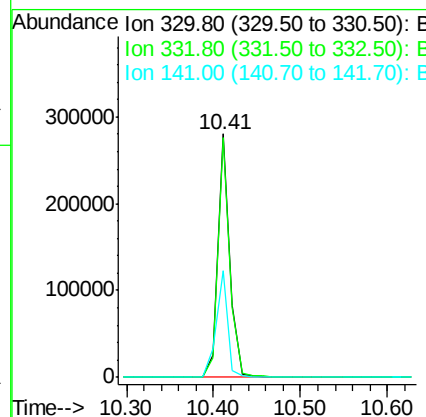
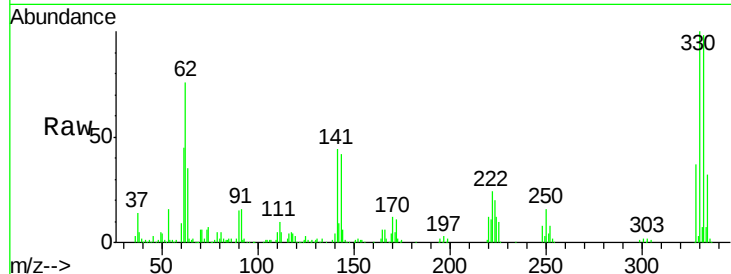
#41
 2,4,6-Tribromophenol
 Concen: 81.59 ng
 RT: 10.41 min Scan# 737
 Delta R.T. -0.08 min
 Lab File: BF083270.D
 Acq: 25 Nov 2015 13:29

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.7	116.5
141	42.3	29.7	44.5

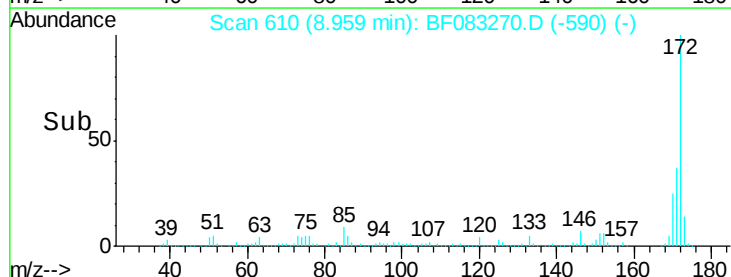
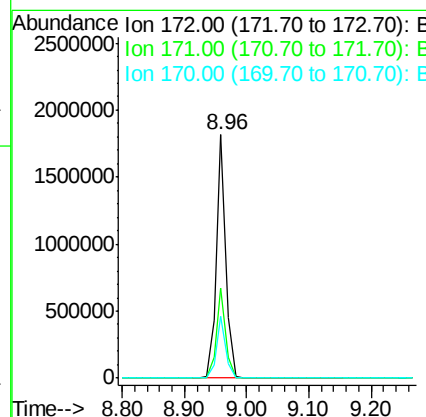
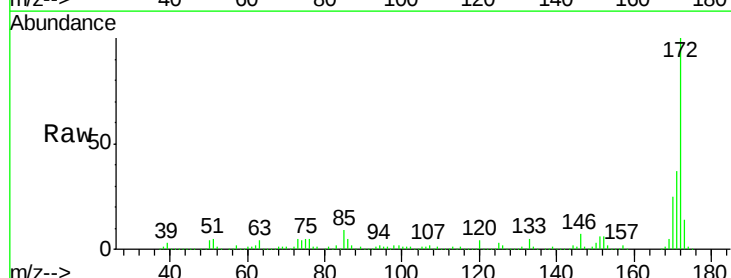
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#44
 2-Fluorobiphenyl
 Concen: 80.55 ng
 RT: 8.96 min Scan# 610
 Delta R.T. -0.07 min
 Lab File: BF083270.D
 Acq: 25 Nov 2015 13:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.5	44.3
170	25.4	19.9	29.9





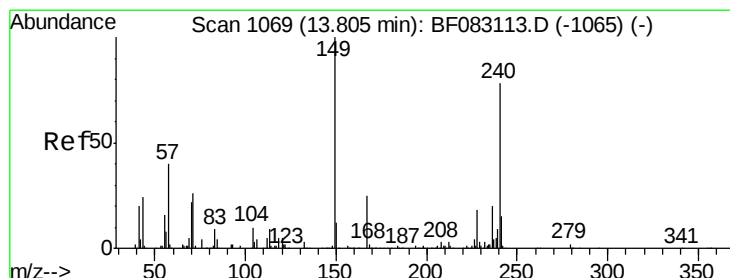
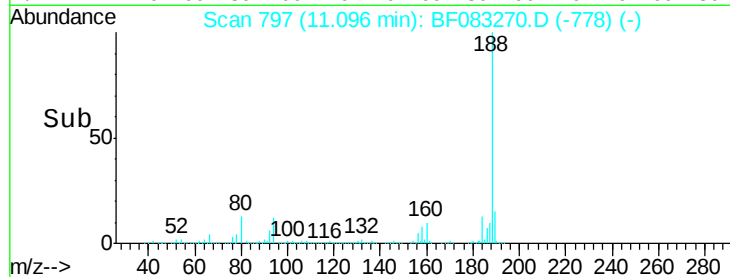
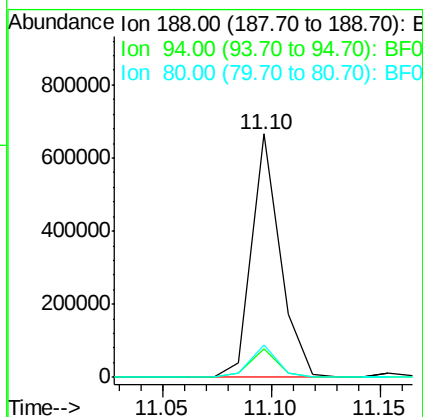
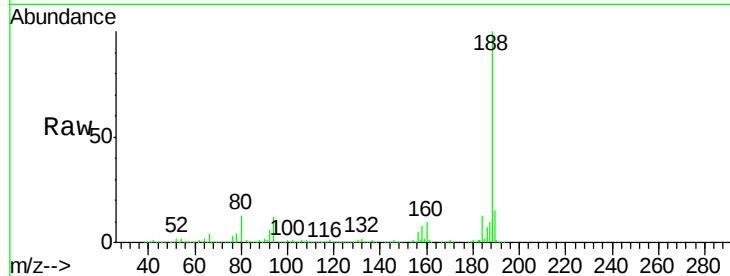
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 797
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Instrument :
BNA_F
ClientSampleId :
MW-44

Tot Ion	Ratio	Resp	Lower	Upper
188	100	608990		
94	11.7	6.0	9.0#	
80	13.4	6.7	10.1#	

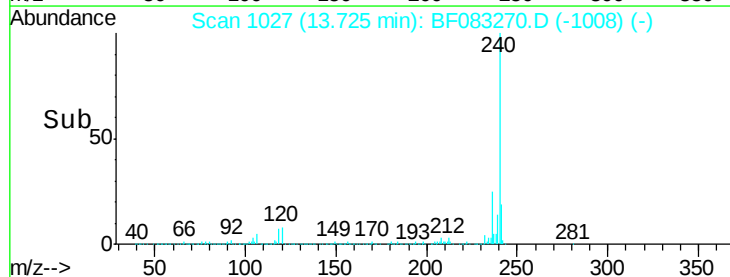
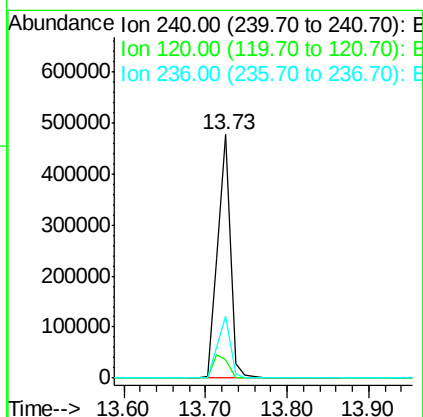
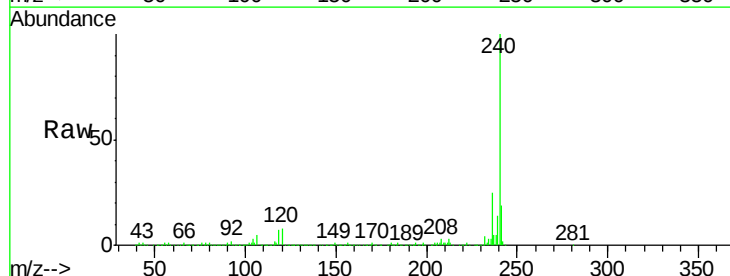
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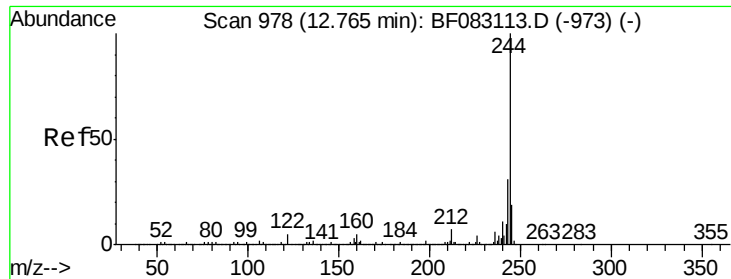
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1027
Delta R.T. -0.08 min
Lab File: BF083270.D
Acq: 25 Nov 2015 13:29

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	516983		
120	7.6	5.4	8.2	
236	25.4	20.6	31.0	





#78

Terphenyl-d14

Concen: 78.54 ng

RT: 12.68 min Scan# 936

Delta R.T. -0.08 min

Lab File: BF083270.D

Acq: 25 Nov 2015 13:29

Instrument :

BNA_F

ClientSampleId :

MW-44

Tot Ion:244 Resp: 1724190

Ion Ratio Lower Upper

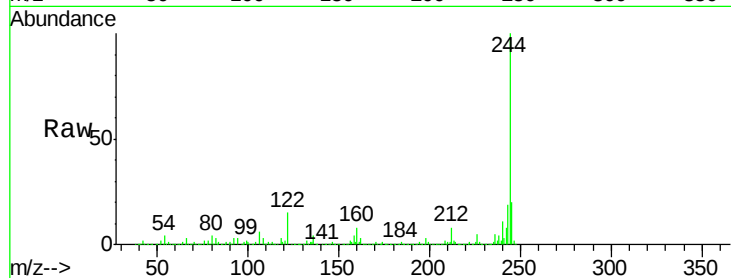
244 100

212 8.0 5.4 8.2

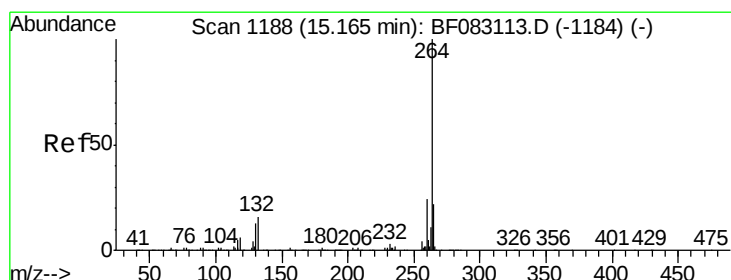
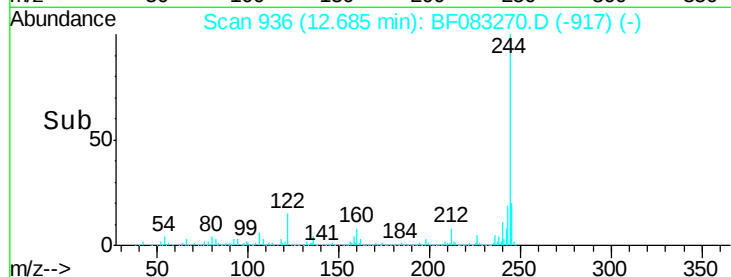
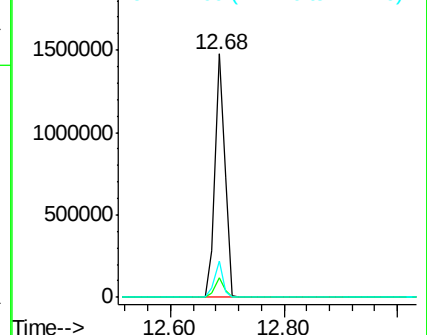
122 14.9 4.3 6.5#

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.07 min Scan# 1145

Delta R.T. -0.09 min

Lab File: BF083270.D

Acq: 25 Nov 2015 13:29

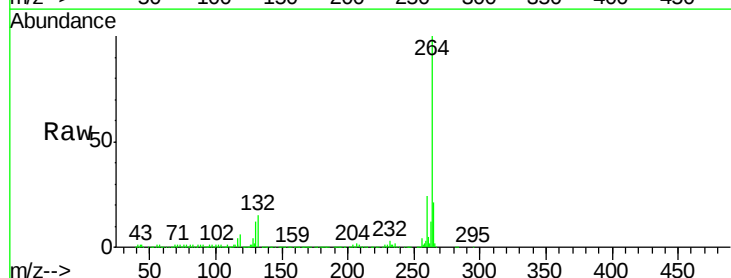
Tgt Ion:264 Resp: 376715

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.3 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

