

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080334.D
 Acq On : 3 Jul 2015 9:57
 Operator : TP/IZ
 Sample : G2873-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

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Quant Time: Jul 03 23:19:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 22:57:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	27171	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	98643	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	45246	20.00	ng	-0.01
63) Phenanthrene-d10	11.80	188	102541	20.00	ng	0.00
75) Chrysene-d12	14.76	240	117812	20.00	ng	0.05
86) Perylene-d12	16.61	264	120160	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	251927	160.56	ng	0.00
7) Phenol-d6	6.84	99	307741	146.11	ng	0.00
23) Nitrobenzene-d5	7.80	82	173534	96.86	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	81326	188.77	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	366035	116.44	ng	0.00
78) Terphenyl-d14	13.48	244	426243	84.75	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	10.00	163	48608	14.06	ng	100
70) Phenanthrene	11.82	178	15194	2.47	ng	98
74) Fluoranthene	13.08	202	21869	3.45	ng	98
77) Pyrene	13.33	202	17268	2.29	ng	99

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

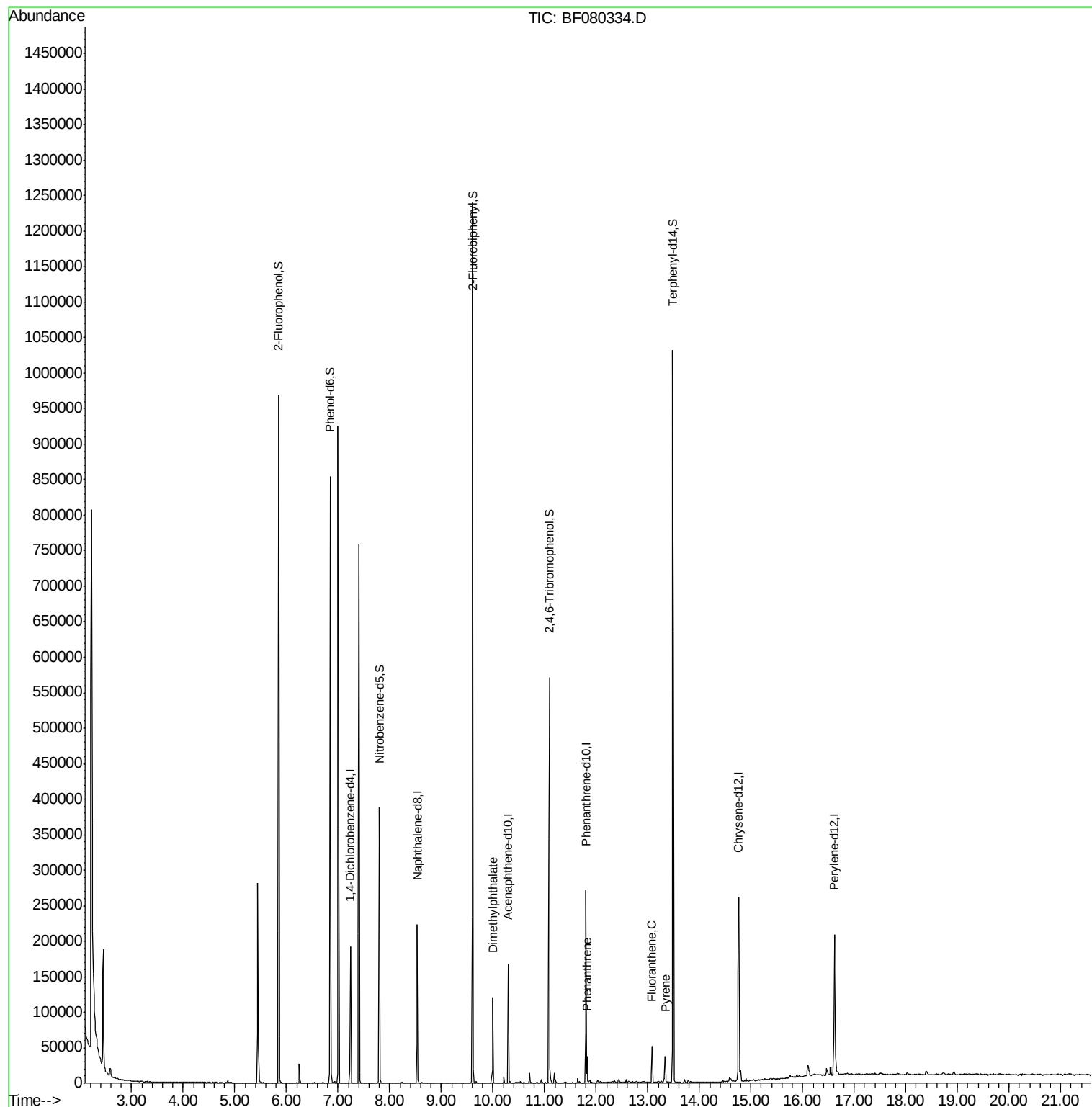
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080334.D
Acq On : 3 Jul 2015 9:57
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ALS Vial : 24 Sample Multiplier: 1

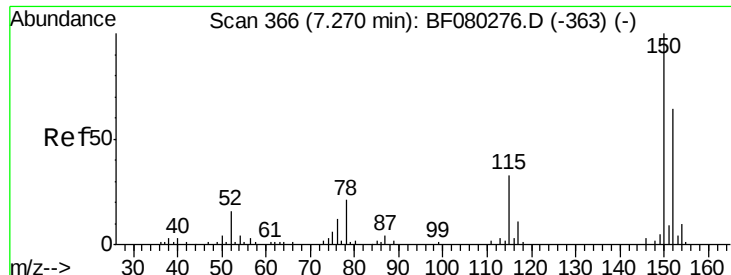
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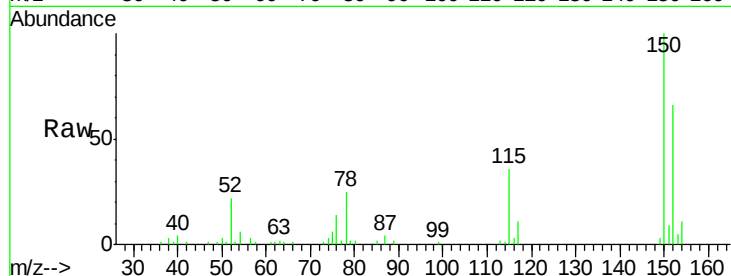




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.24 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

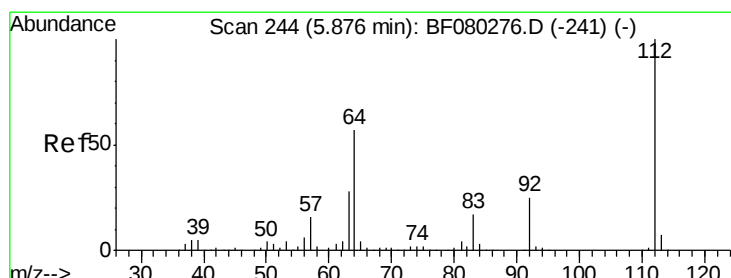
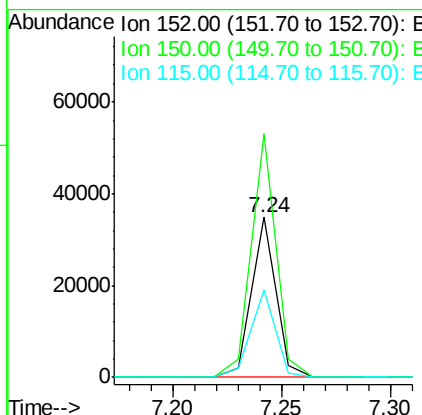
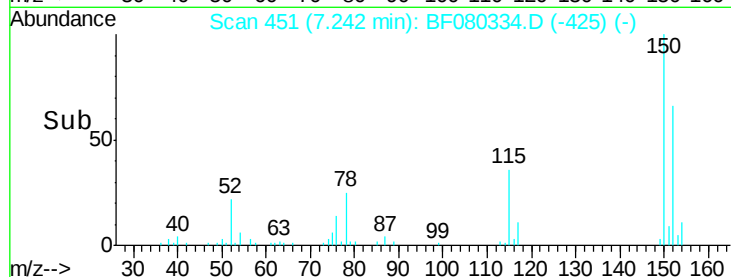
Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115



Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.0	124.7	187.1
115	54.5	41.0	61.6

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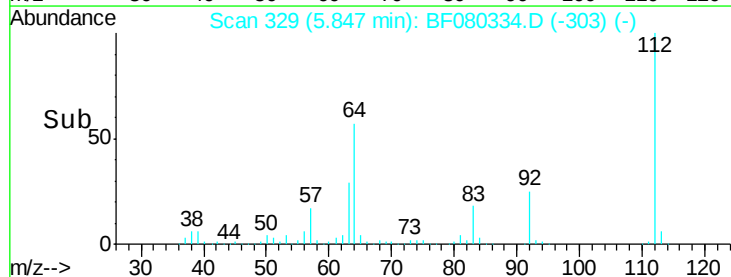
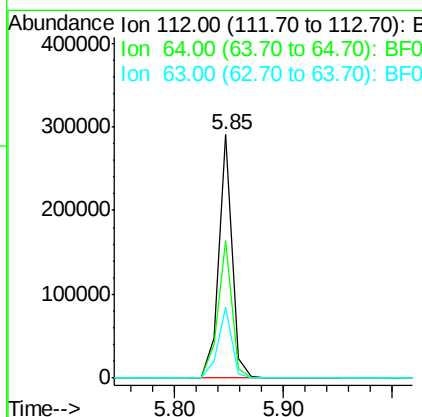
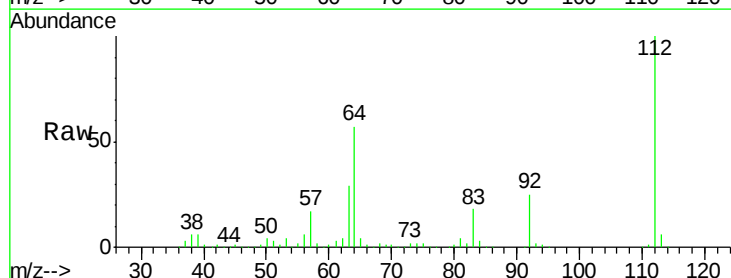
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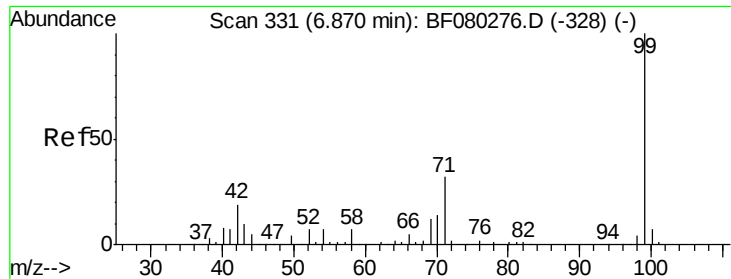


#5

2-Fluorophenol
Concen: 160.56 ng
RT: 5.85 min Scan# 329
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	45.5	68.3
63	29.1	22.4	33.6





#7

Phenol-d6

Concen: 146.11 ng

RT: 6.84 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Instrument :

BNA_F

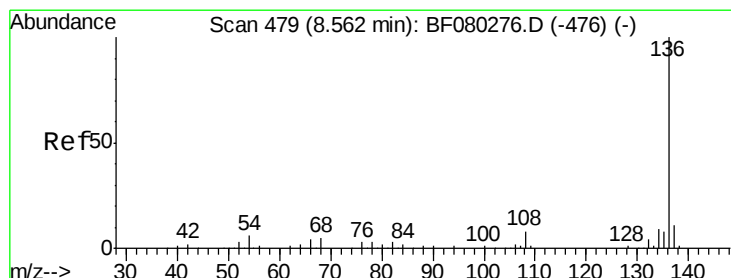
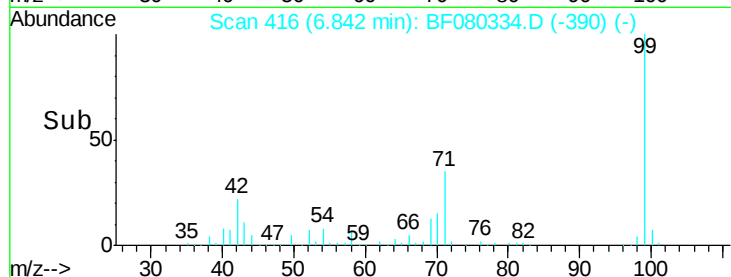
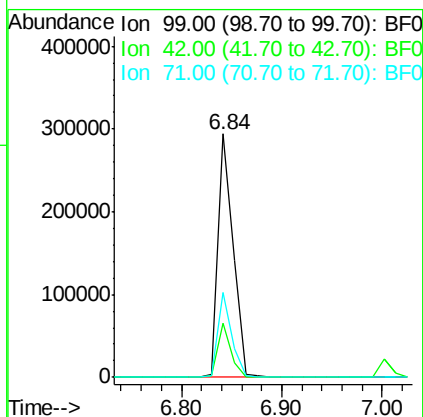
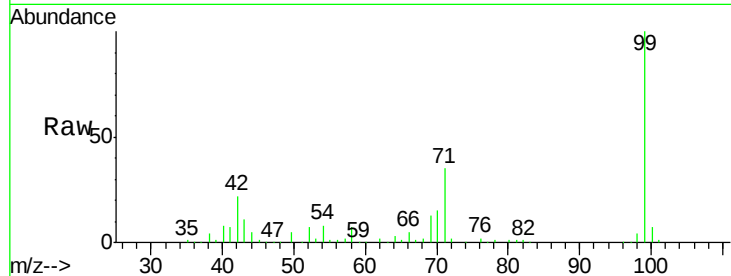
ClientSampleId :

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Tgt Ion:	99	Resp:	307741
Ion Ratio	Lower	Upper	
99	100		
42	22.0	15.4	23.2
71	35.0	25.8	38.8

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#21

Naphthalene-d8

Concen: 20.00 ng

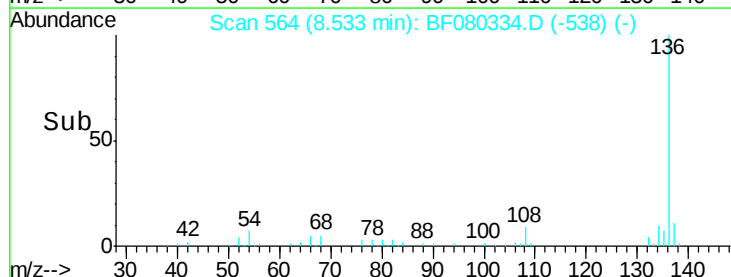
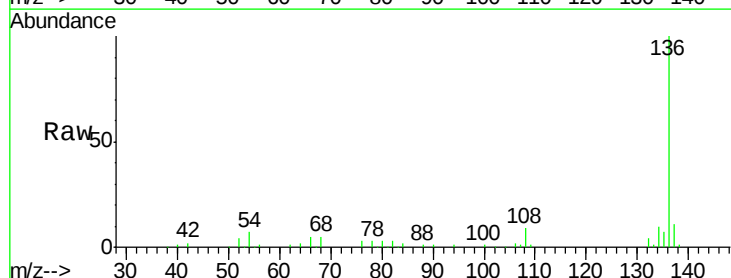
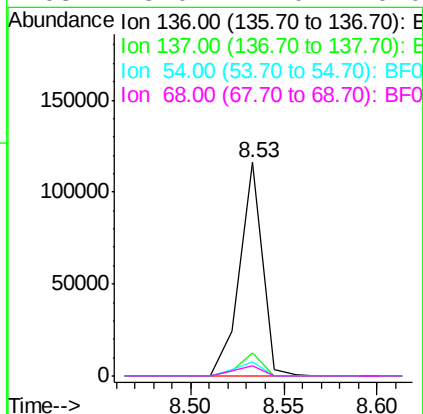
RT: 8.53 min Scan# 564

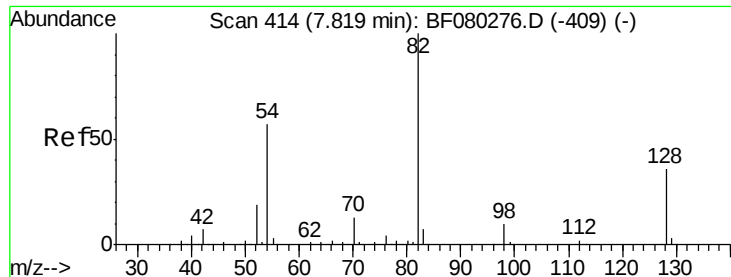
Delta R.T. 0.00 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Tgt Ion:	136	Resp:	98643
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.4	12.6
54	6.6	4.9	7.3
68	5.0	4.0	6.0





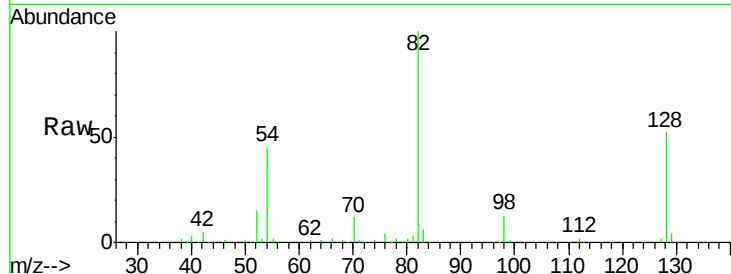
#23
 Nitrobenzene-d5
 Concen: 96.86 ng
 RT: 7.80 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

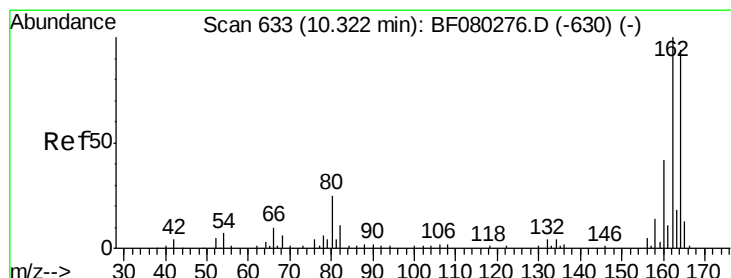
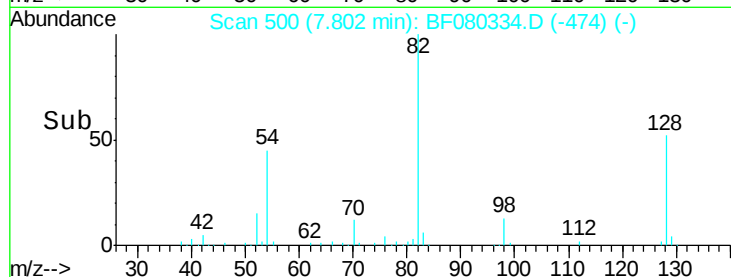
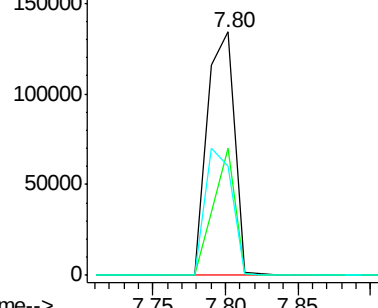
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	173534		
128	52.5	29.0	43.4#	
54	45.0	45.3	67.9#	

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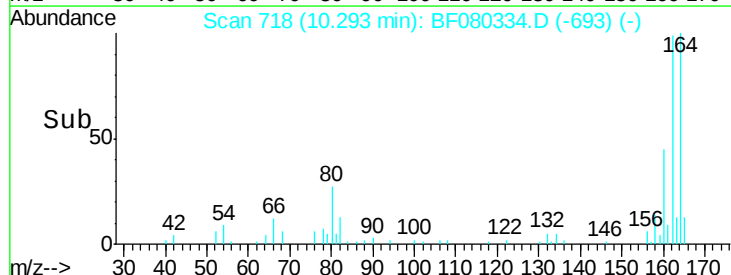
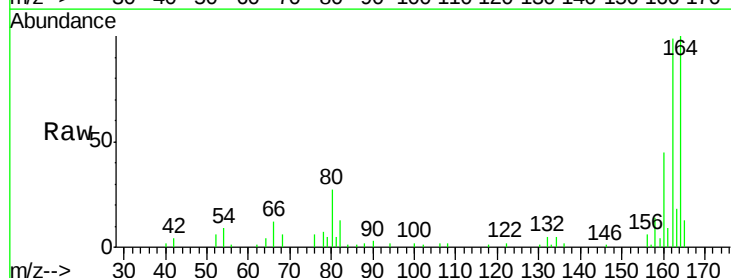
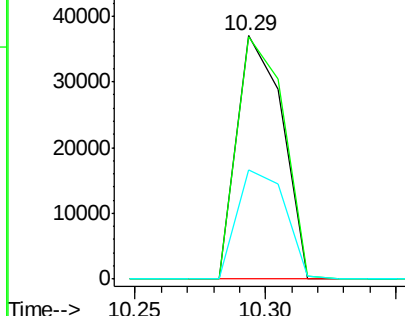
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

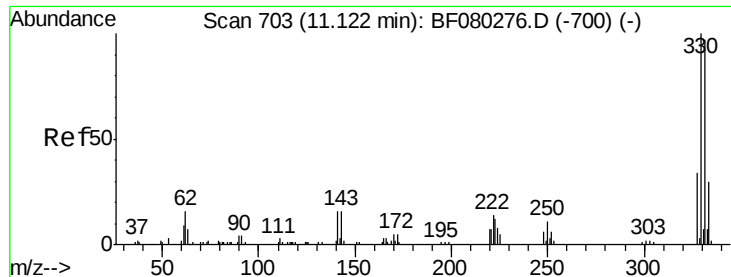


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	45246		
162	99.3	84.8	127.2	
160	45.1	35.8	53.8	

Abundance Ion 164.00 (163.70 to 164.70): B
 Ion 162.00 (161.70 to 162.70): B
 Ion 160.00 (159.70 to 160.70): B





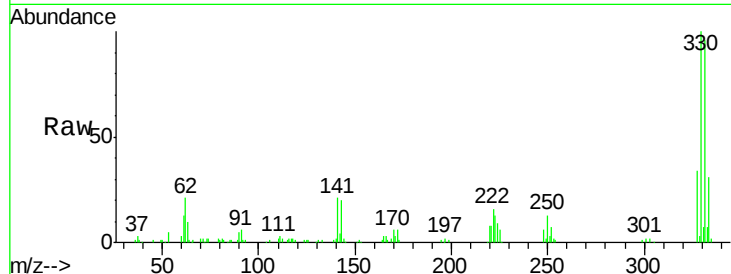
#41
 2,4,6-Tribromophenol
 Concen: 188.77 ng
 RT: 11.09 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

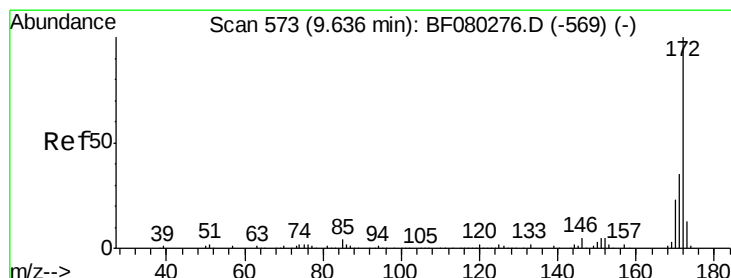
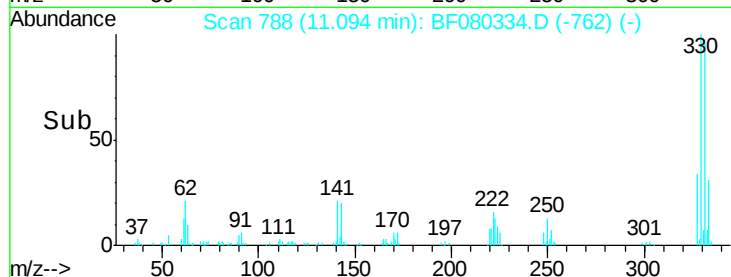
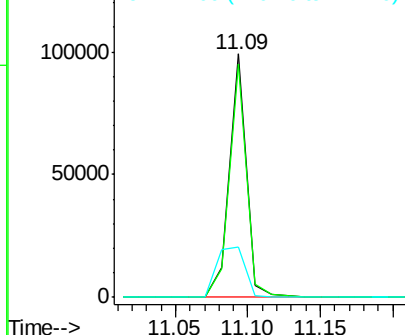
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	81326		
332	96.2	77.4	116.2	
141	34.7	28.0	42.0	

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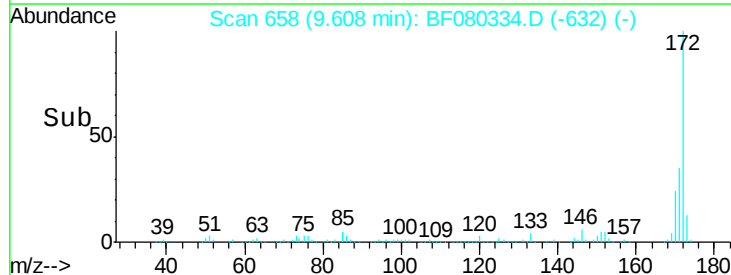
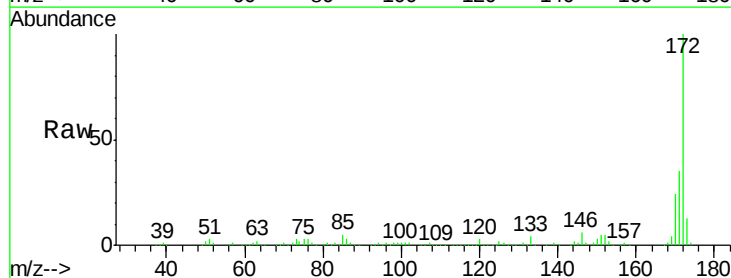
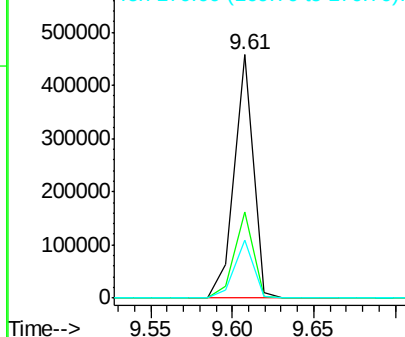
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

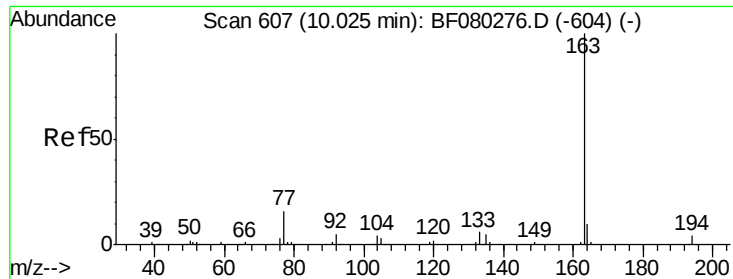


#44
 2-Fluorobiphenyl
 Concen: 116.44 ng
 RT: 9.61 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	366035		
171	35.3	28.1	42.1	
170	24.0	18.6	28.0	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





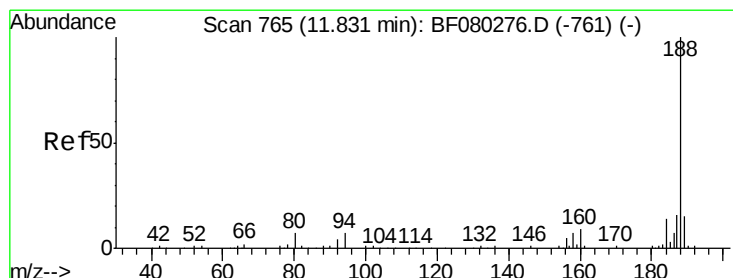
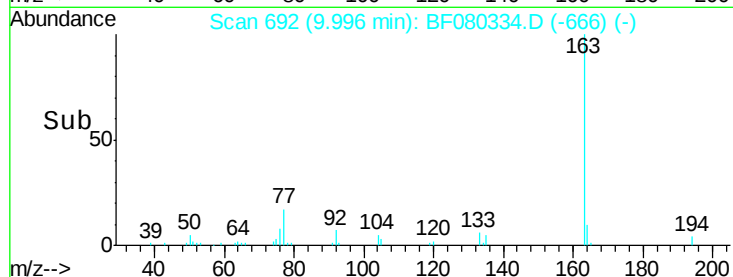
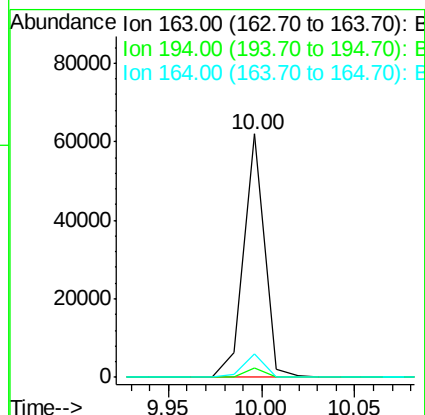
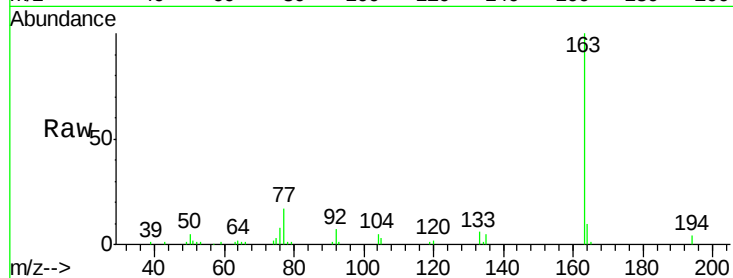
#49
Dimethylphthalate
Concen: 14.06 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.6	3.0	4.4
164	9.8	7.9	11.9

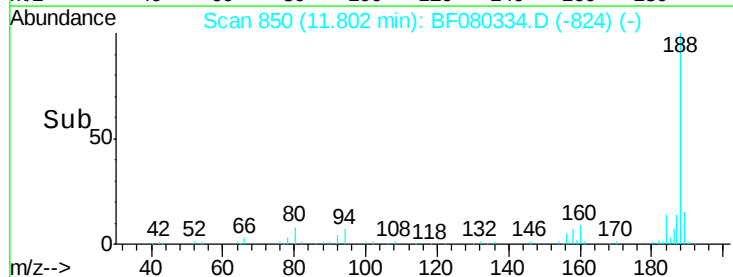
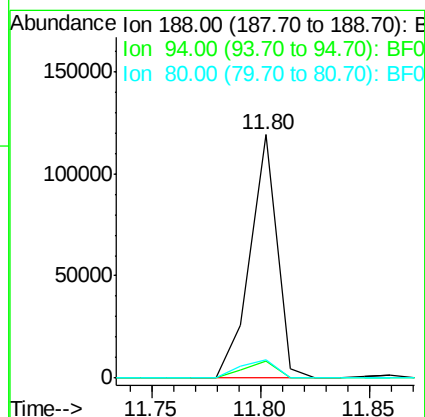
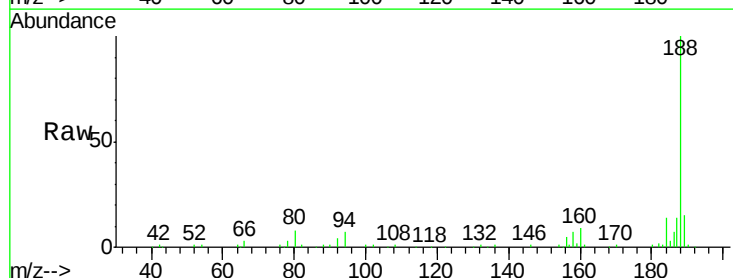
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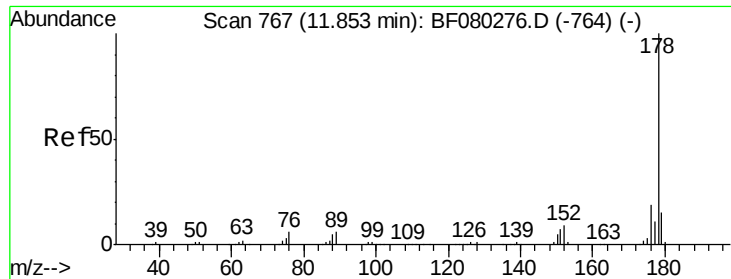
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.2	5.4	8.0
80	7.7	5.8	8.6





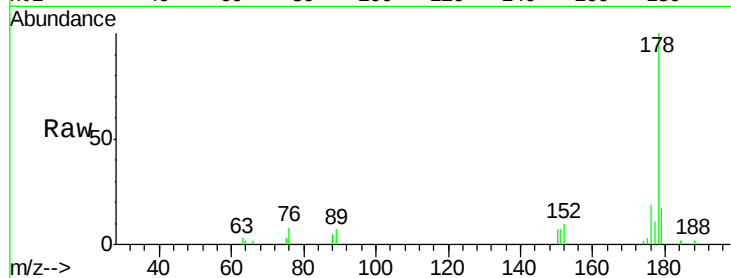
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.82 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Instrument :
BNA_F
ClientSampleId :
SIDEWALLWEST-2-070115

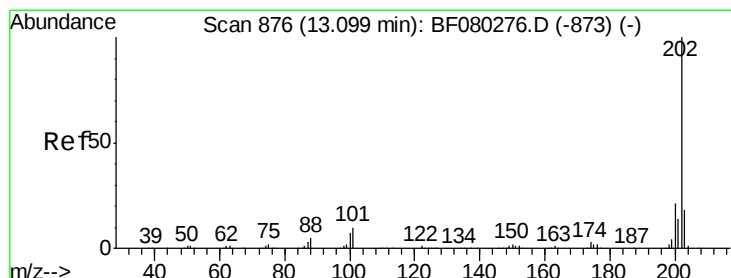
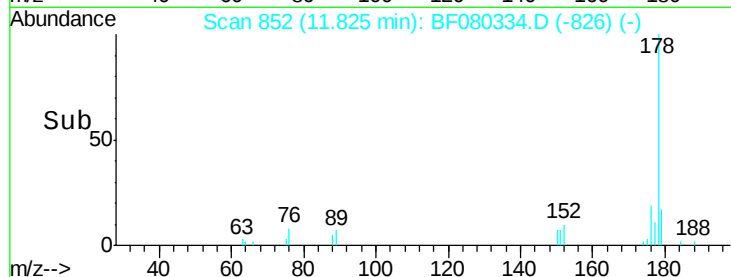
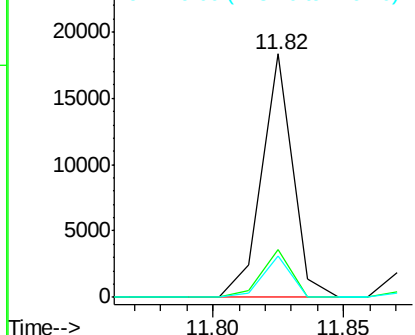
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.8	12.2	18.2

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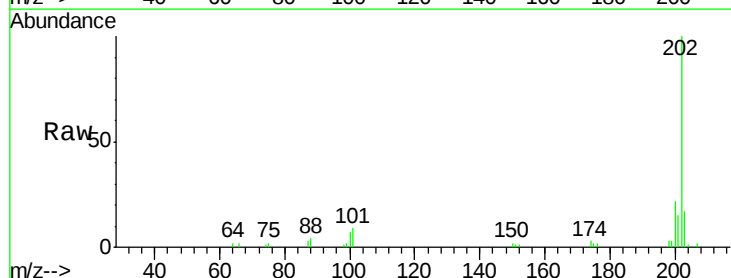


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

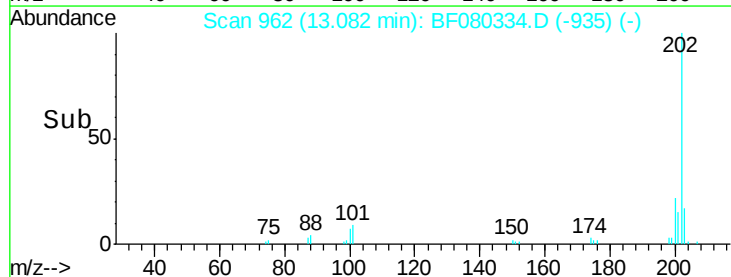
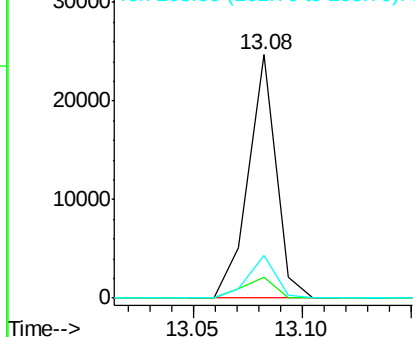


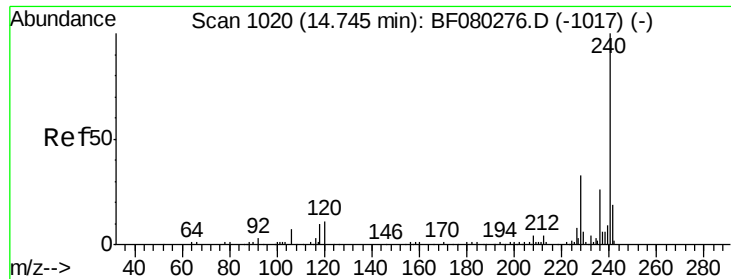
#74
Fluoranthene
Concen: 3.45 ng
RT: 13.08 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF080334.D
Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	30.4
203	17.4	0.0	37.5



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: 14.76 min Scan# 1109

Delta R.T. 0.05 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Instrument :

BNA_F

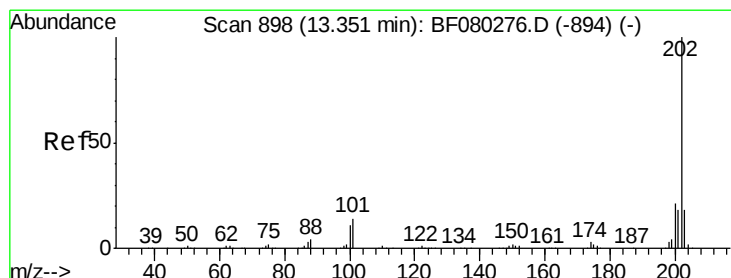
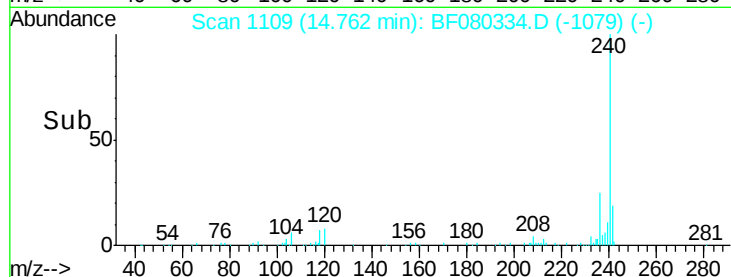
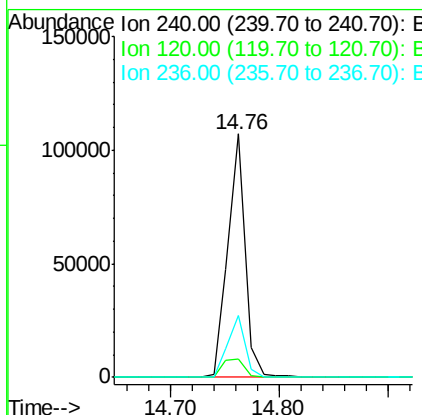
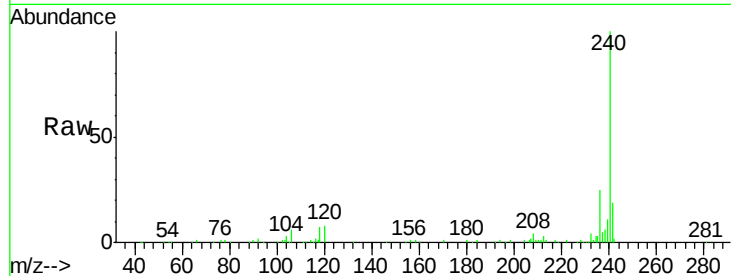
ClientSampleId :

SIDEWALLWEST-2-070115

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	117812		
120	7.7	8.7	13.1#	
236	25.2	20.9	31.3	

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#77

Pyrene

Concen: 2.29 ng

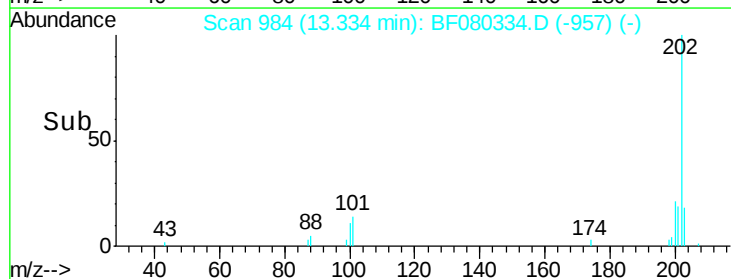
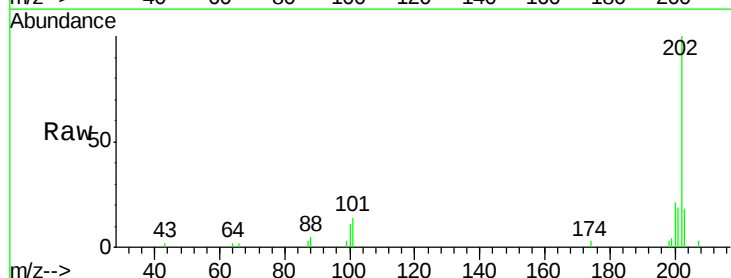
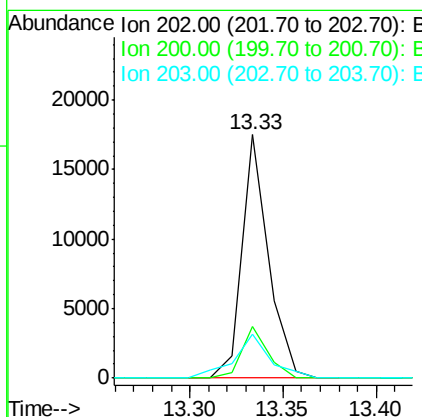
RT: 13.33 min Scan# 984

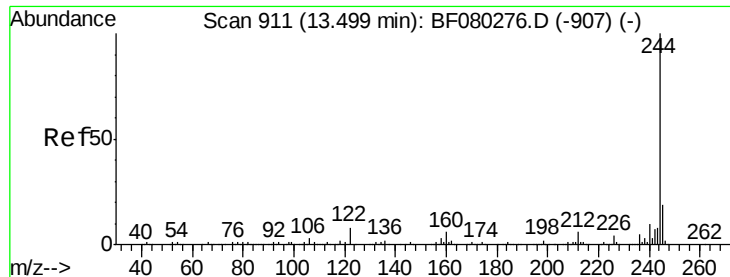
Delta R.T. 0.01 min

Lab File: BF080334.D

Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	17268		
200	21.4	17.0	25.6	
203	18.0	14.0	21.0	





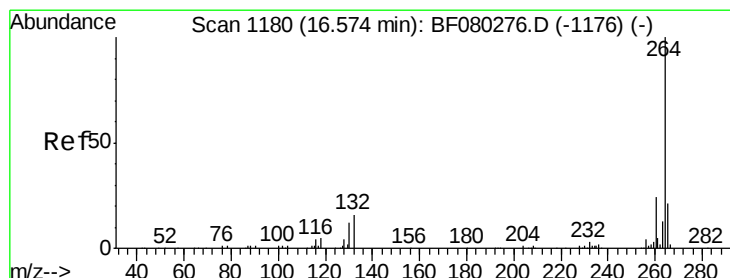
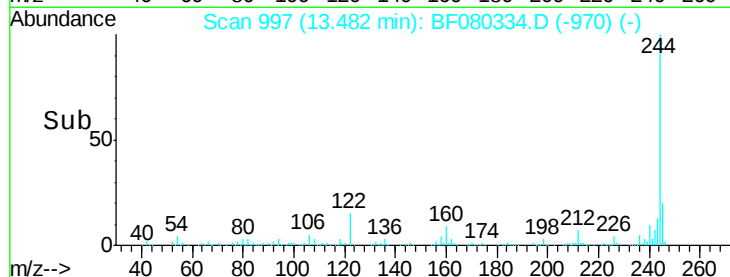
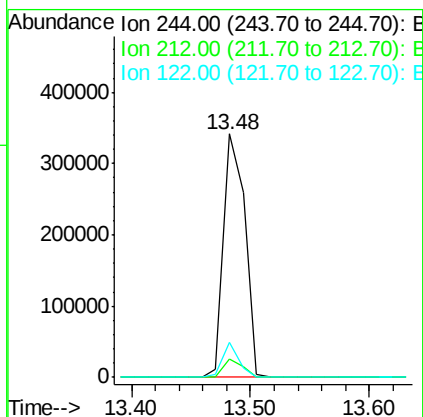
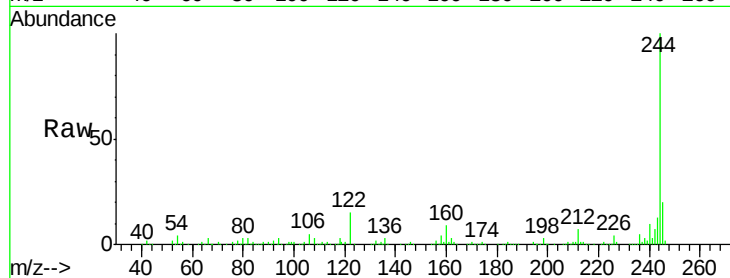
#78
 Terphenyl-d14
 Concen: 84.75 ng
 RT: 13.48 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLWEST-2-070115

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.0	7.6
122	14.6	6.6	9.8

Manual Integrations
 APPROVED

apatel
 7/6/2015 3:41:34 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.61 min Scan# 1271
 Delta R.T. 0.07 min
 Lab File: BF080334.D
 Acq: 3 Jul 2015 9:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.6	19.2	28.8
265	21.9	16.9	25.3

