Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082089.D
Acq On : 6 Oct 2015 17:39
Operator : UM/IZ
Sample : G3906-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-MLA-(2.5-01)

Manual Integrations APPROVED
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10/7/2015 4:52:01 PM

Quant Time: Oct 07 04:53:24 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 02:00:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	86207	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	337652	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	160686	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	307545	20.00	ng	0.00
75) Chrysene-d12	14.06	240	256939	20.00	ng	-0.01
86) Perylene-d12	15.50	264	211940	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	446633	94.05	ng	0.00
7) Phenol-d6	6.51	99	725935	121.48	ng	0.00
23) Nitrobenzene-d5	7.45	82	473859	93.55	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	141731	87.09	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	717117	72.59	ng	0.00
78) Terphenyl-d14	13.01	244	684626	86.47	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.65	163	153133	13.81	ng	# 97
70) Phenanthrene	11.44	178	57354	2.29	ng	98
74) Fluoranthene	12.63	202	87639	5.32	ng	86
77) Pyrene	12.86	202	79360	5.17	ng	99
80) Benzo(a)anthracene	14.05	228	32972m	2.38	ng	
82) Chrysene	14.08	228	30789m	2.57	ng	
87) Benzo(b)fluoranthene	15.09	252	26038m	2.15	ng	
89) Benzo(a)pyrene	15.44	252	21189	2.02	ng	# 90

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082089.D
Acq On : 6 Oct 2015 17:39
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Sample : G3906-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

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Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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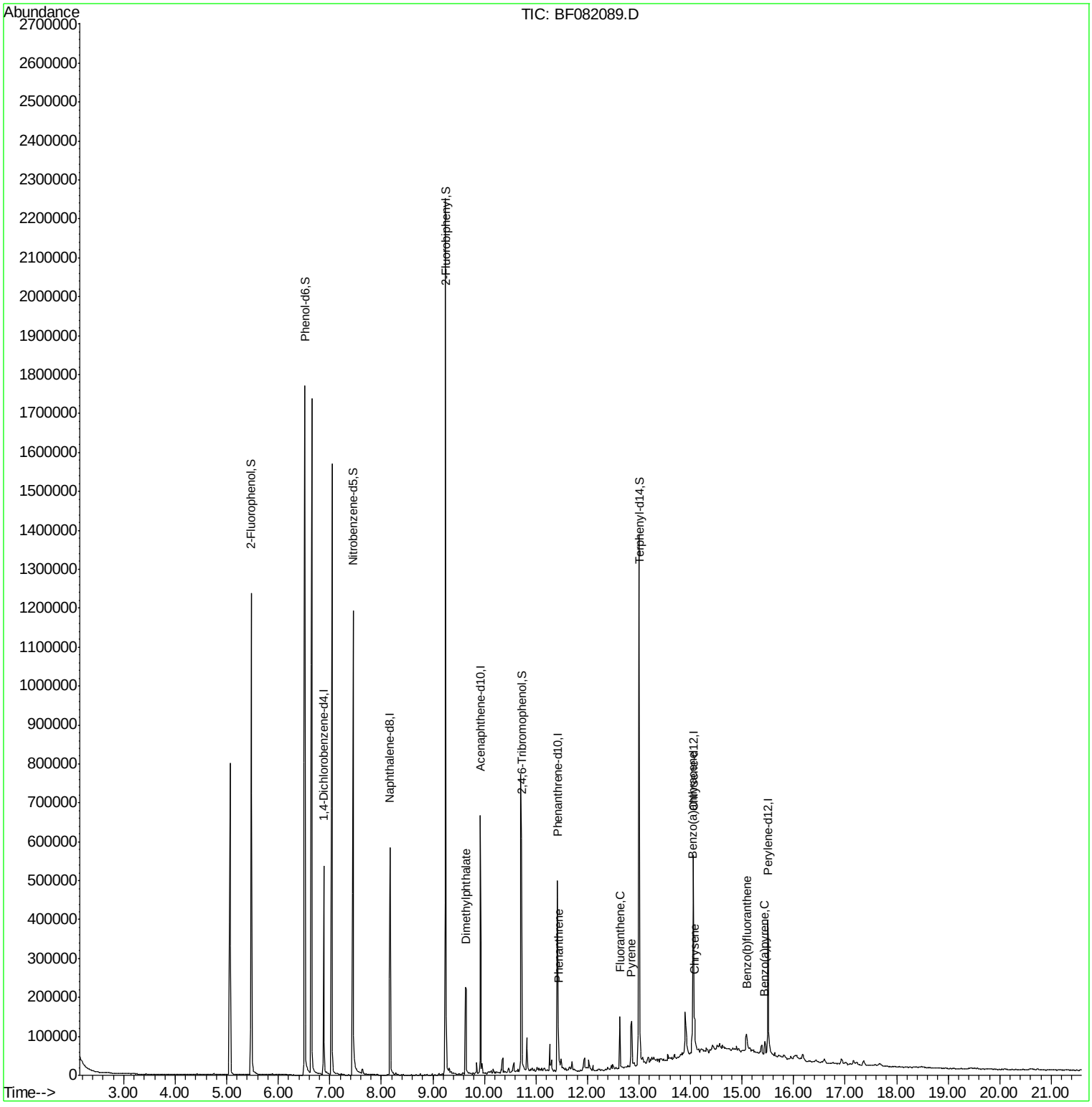
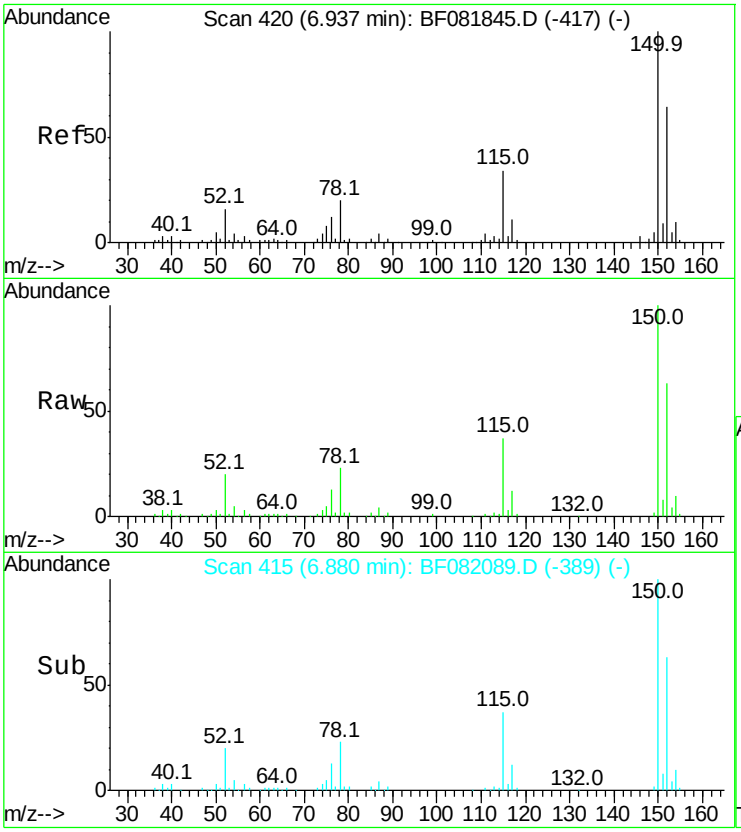
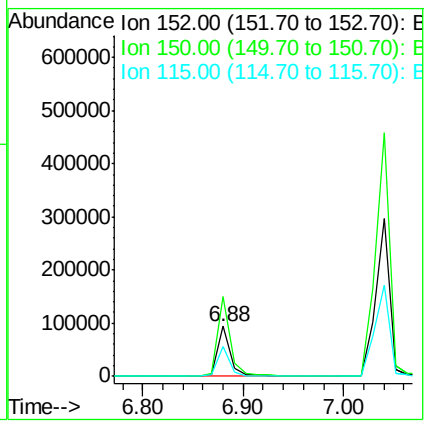




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:152 Resp: 86207

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.7	187.1
115	58.3	39.0	58.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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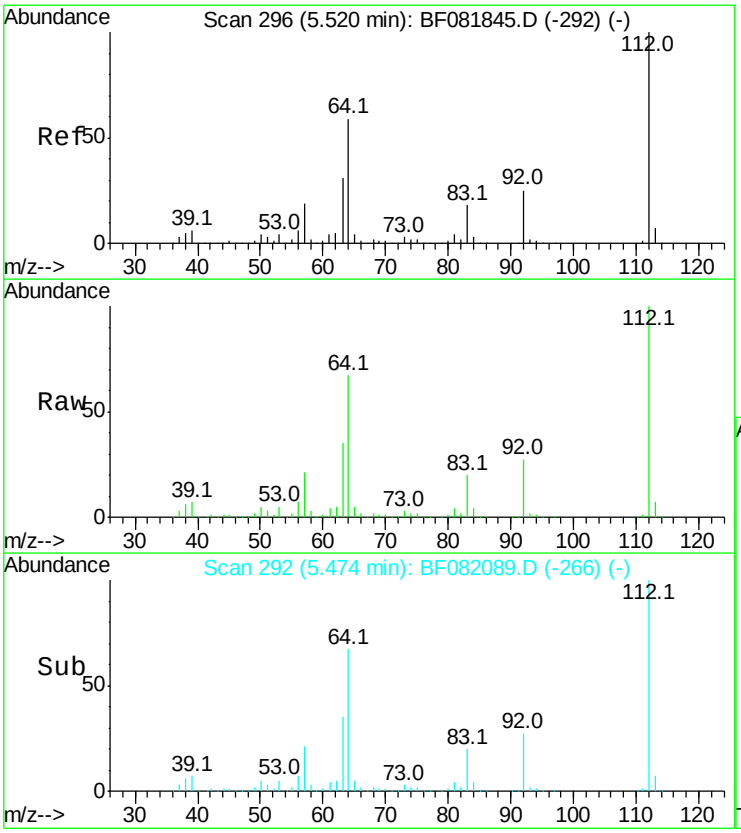
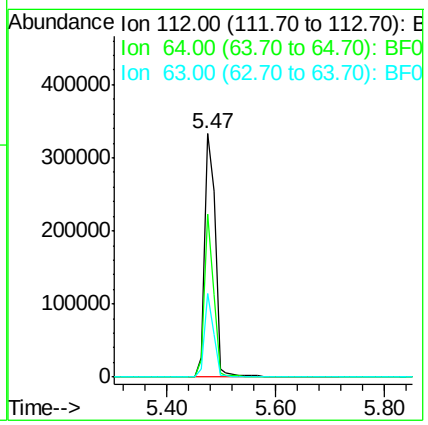
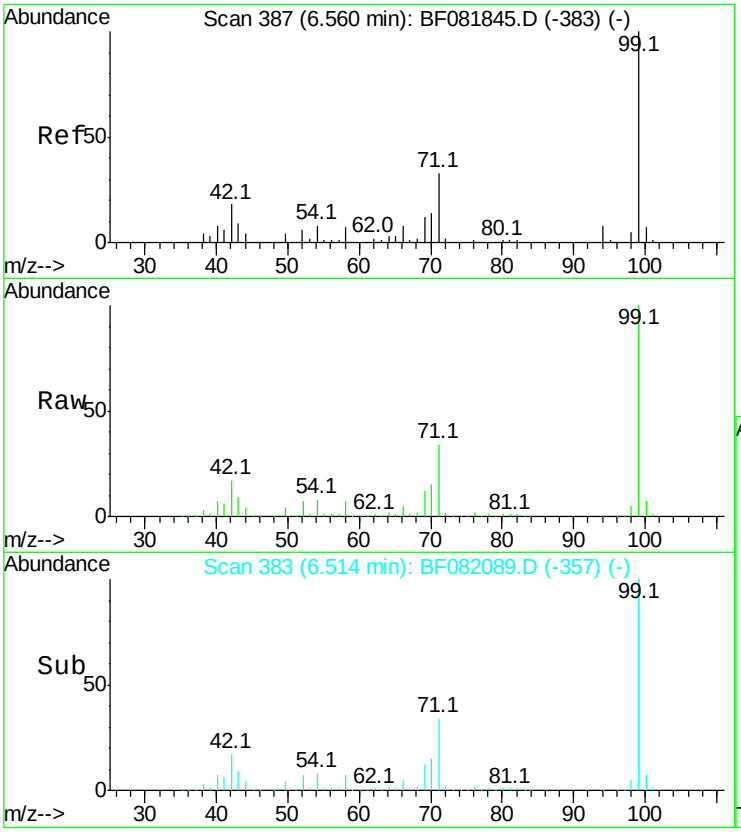


#5
2-Fluorophenol
Concen: 94.05 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:112 Resp: 446633

Ion	Ratio	Lower	Upper
112	100		
64	66.7	39.7	59.5#
63	34.6	17.4	26.0#

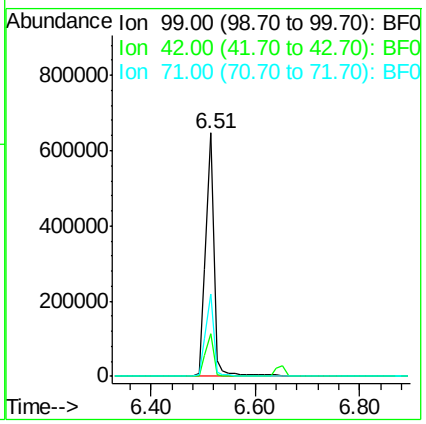




#7
Phenol-d6
Concen: 121.48 ng
RT: 6.51 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion: 99 Resp: 725935

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.7	20.5
71	34.0	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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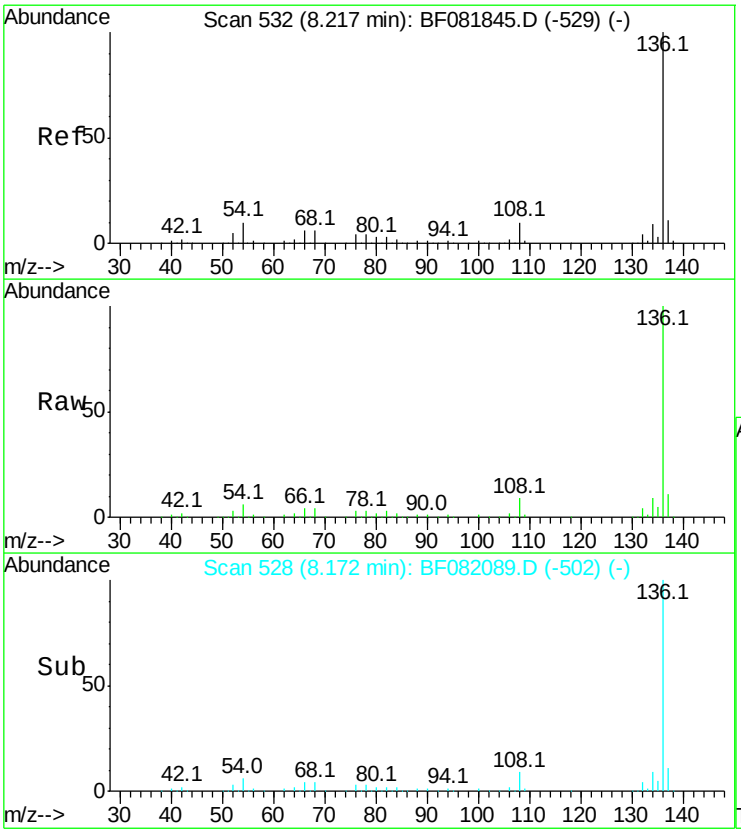
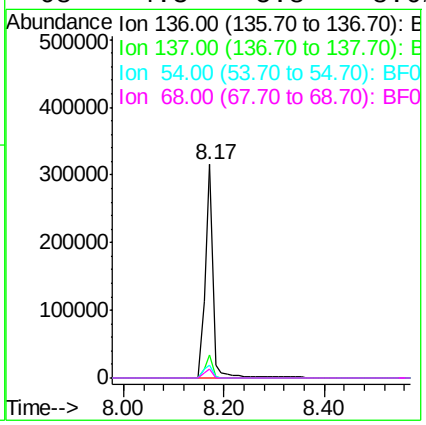
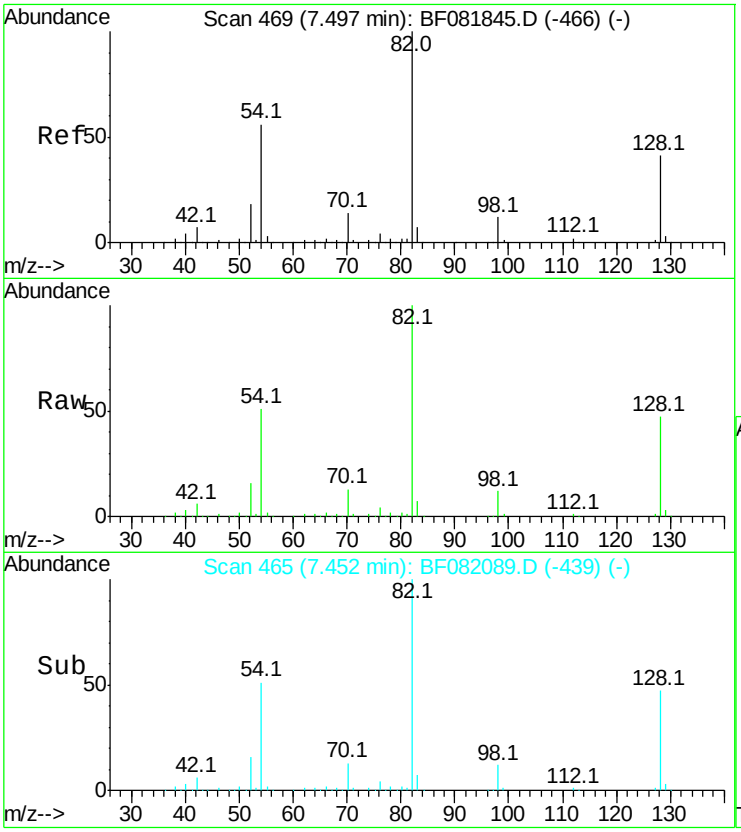


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:136 Resp: 337652

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.6
54	6.0	8.2	12.2#
68	4.3	5.8	8.6#

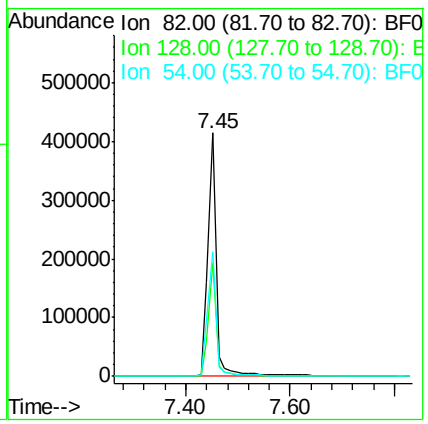




#23
Nitrobenzene-d5
Concen: 93.55 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion: 82 Resp: 473859

Ion	Ratio	Lower	Upper
82	100		
128	46.6	51.0	76.6#
54	51.1	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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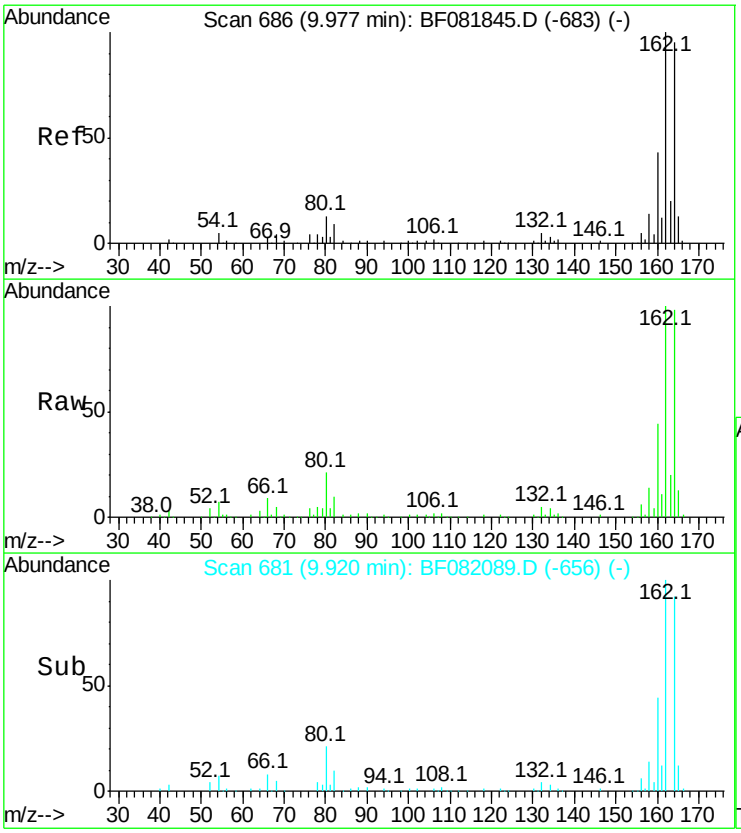
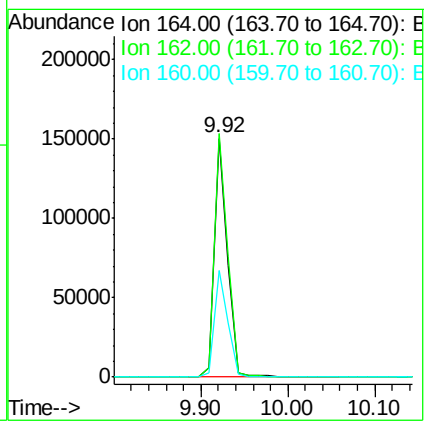
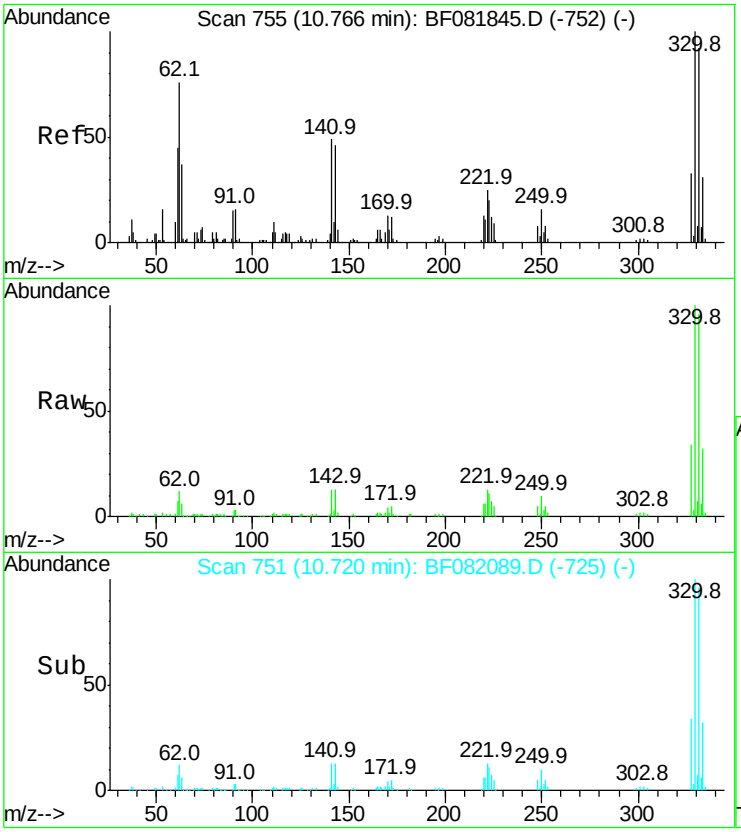


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:164 Resp: 160686

Ion	Ratio	Lower	Upper
164	100		
162	102.0	75.2	112.8
160	44.5	31.5	47.3

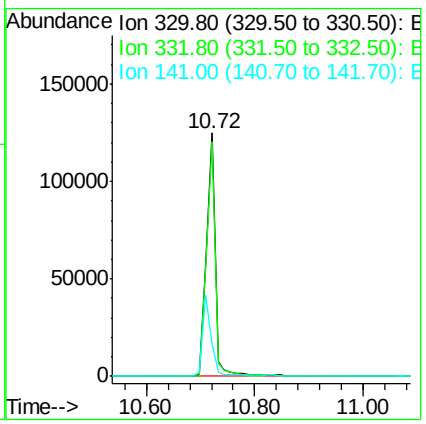




#41
2,4,6-Tribromophenol
Concen: 87.09 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:330 Resp: 141731

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	31.9	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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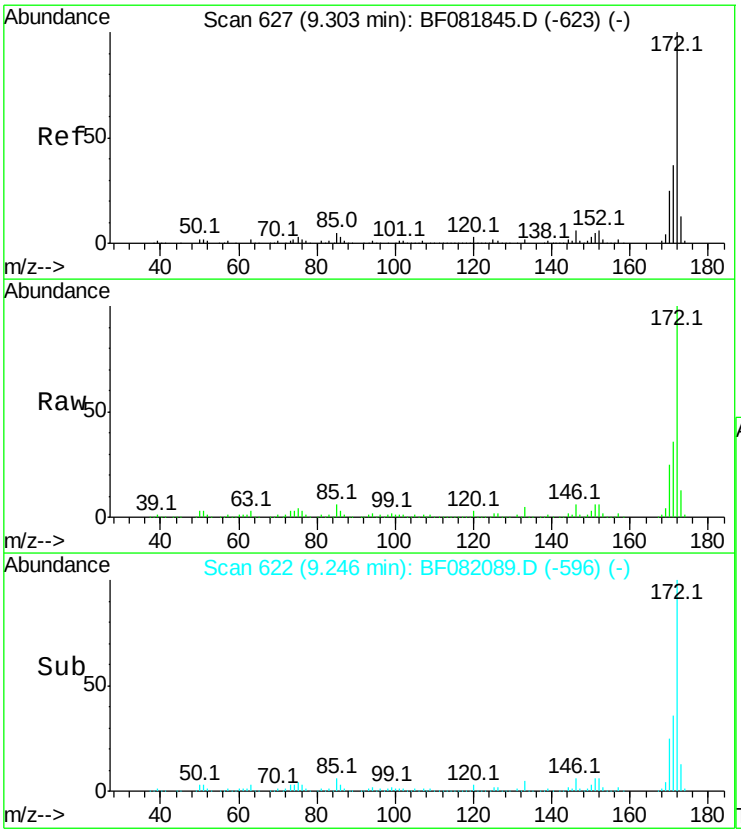
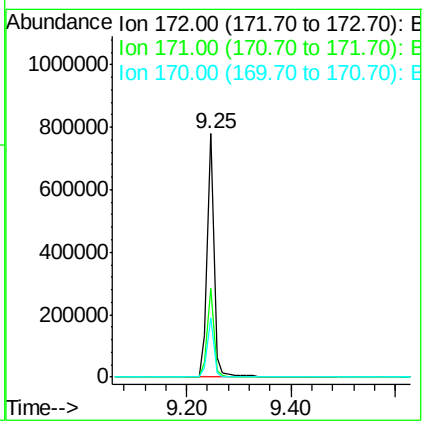
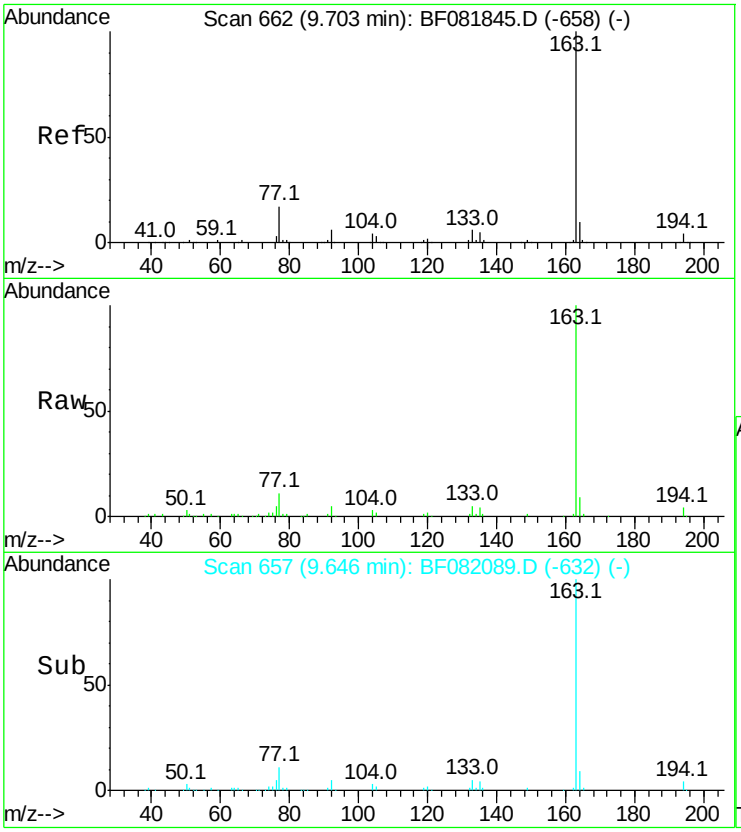


#44
2-Fluorobiphenyl
Concen: 72.59 ng
RT: 9.25 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:172 Resp: 717117

Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.6	17.4	26.2





#49
Dimethylphthalate
Concen: 13.81 ng
RT: 9.65 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:163 Resp: 153133

Ion	Ratio	Lower	Upper
163	100		
194	4.0	4.4	6.6#
164	9.4	8.3	12.5

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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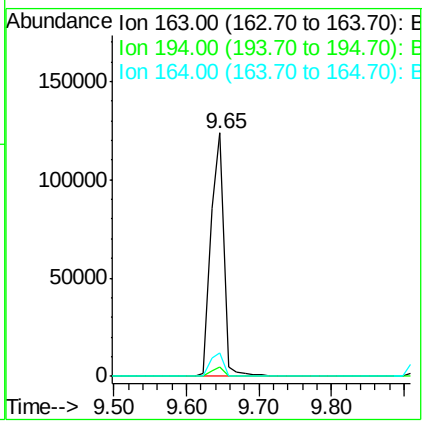
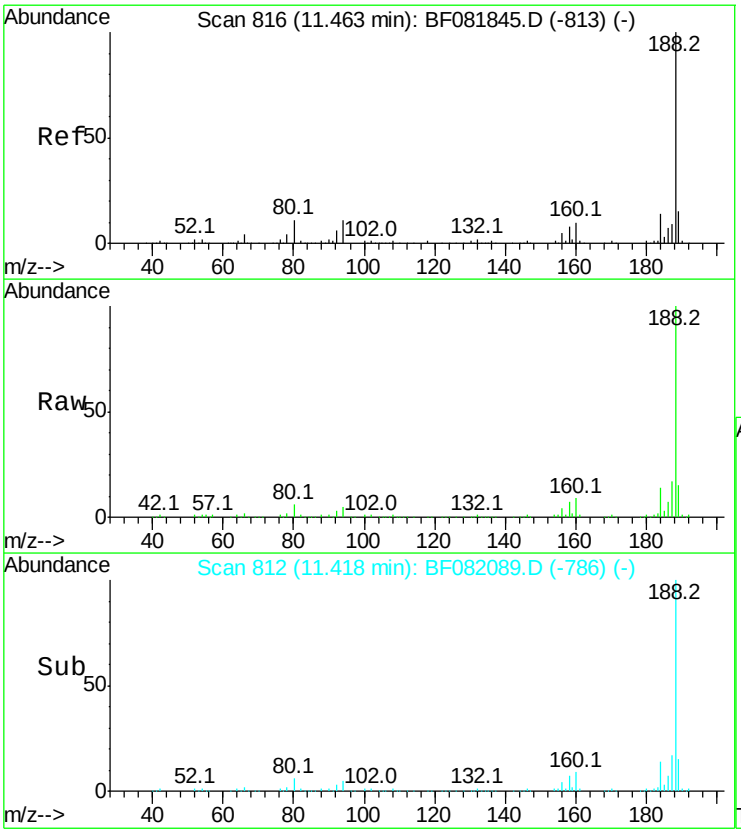
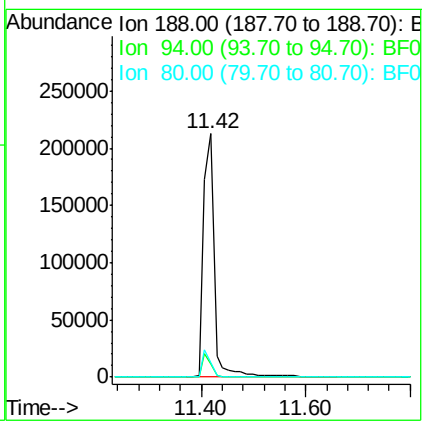


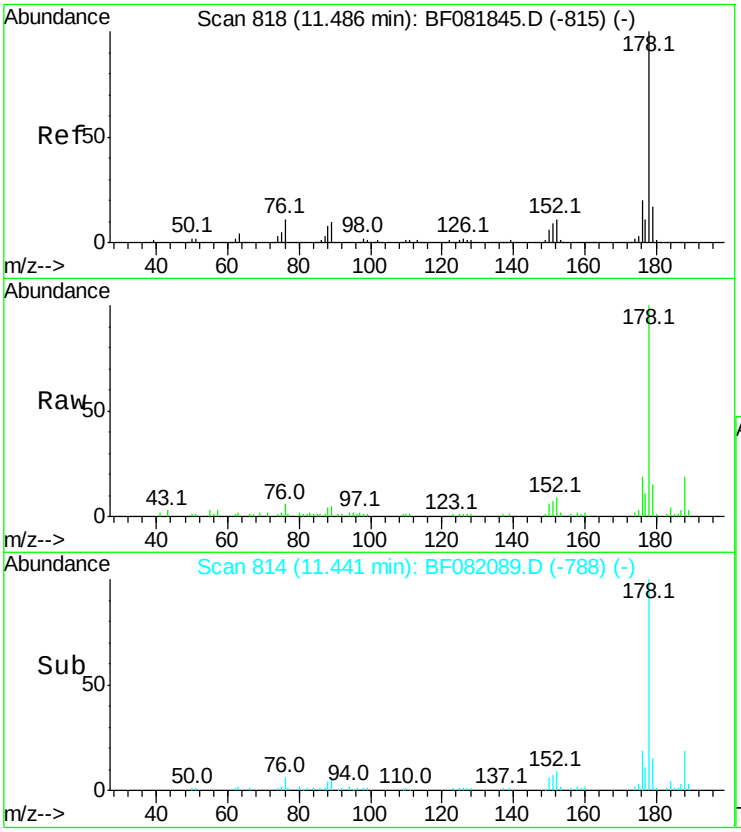


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:188 Resp: 307545

Ion	Ratio	Lower	Upper
188	100		
94	5.4	11.1	16.7#
80	5.9	11.0	16.4#

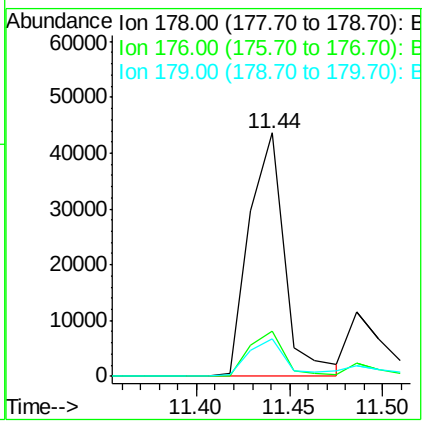




#70
Phenanthrene
Concen: 2.29 ng
RT: 11.44 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:178 Resp: 57354

Ion	Ratio	Lower	Upper
178	100		
176	18.7	13.8	20.8
179	15.2	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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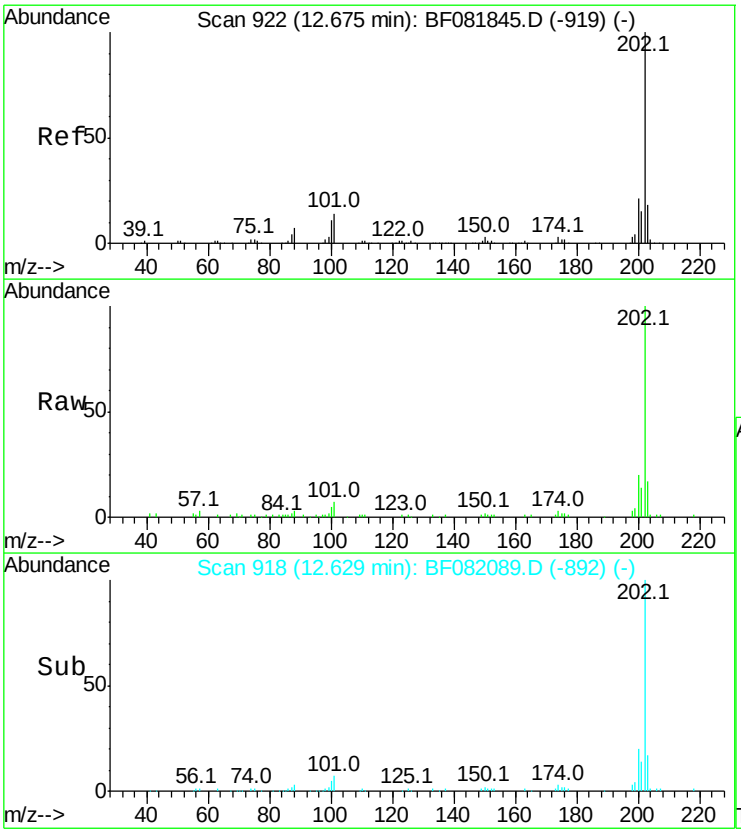
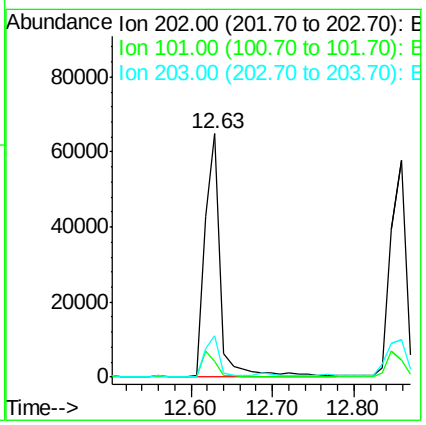
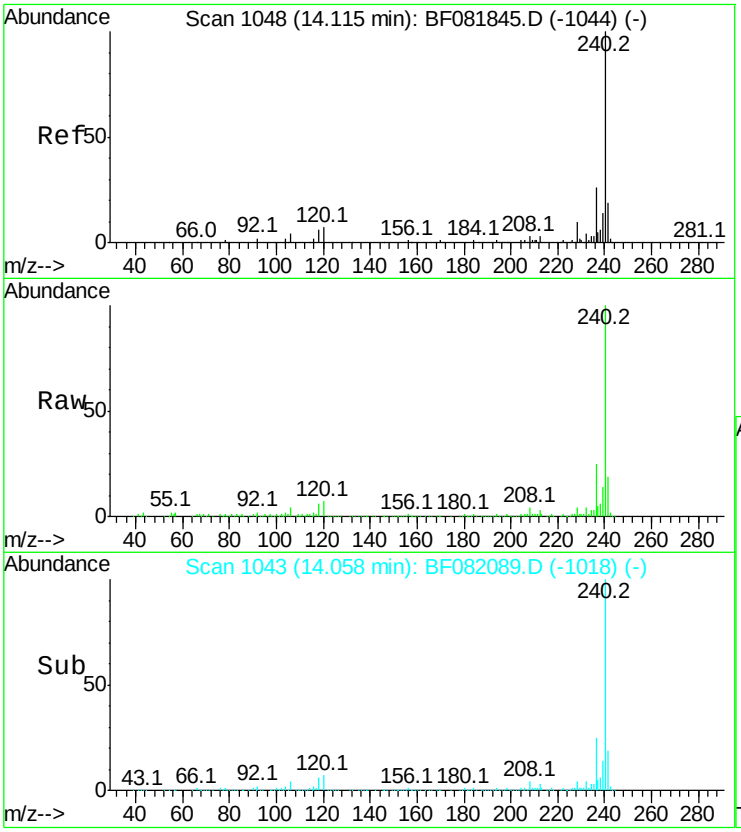


#74
Fluoranthene
Concen: 5.32 ng
RT: 12.63 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:202 Resp: 87639

Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	38.3
203	17.2	0.0	37.3





#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:240 Resp: 256939

Ion	Ratio	Lower	Upper
240	100		
120	6.5	16.2	24.2#
236	25.2	18.4	27.6

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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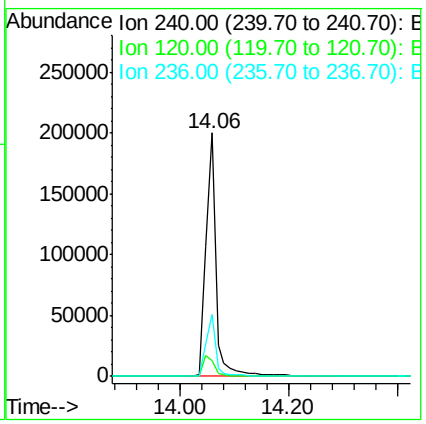
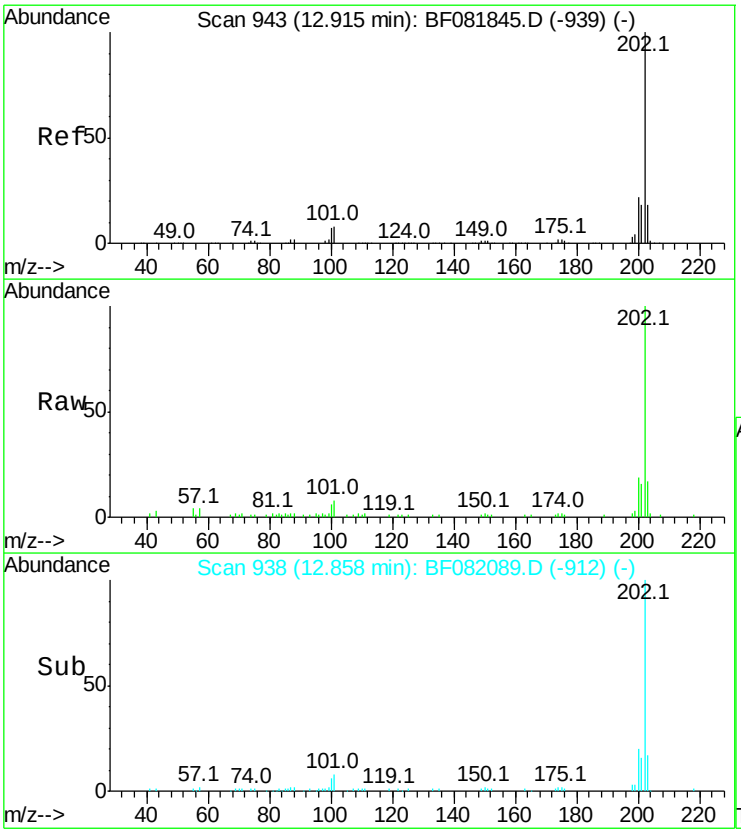
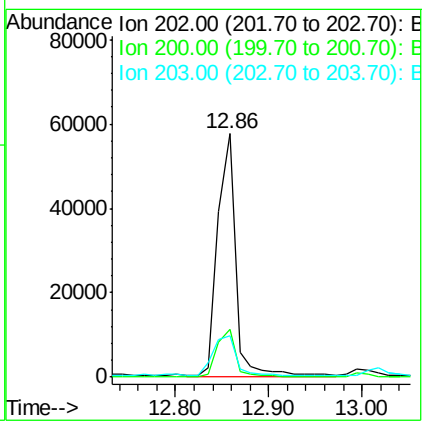


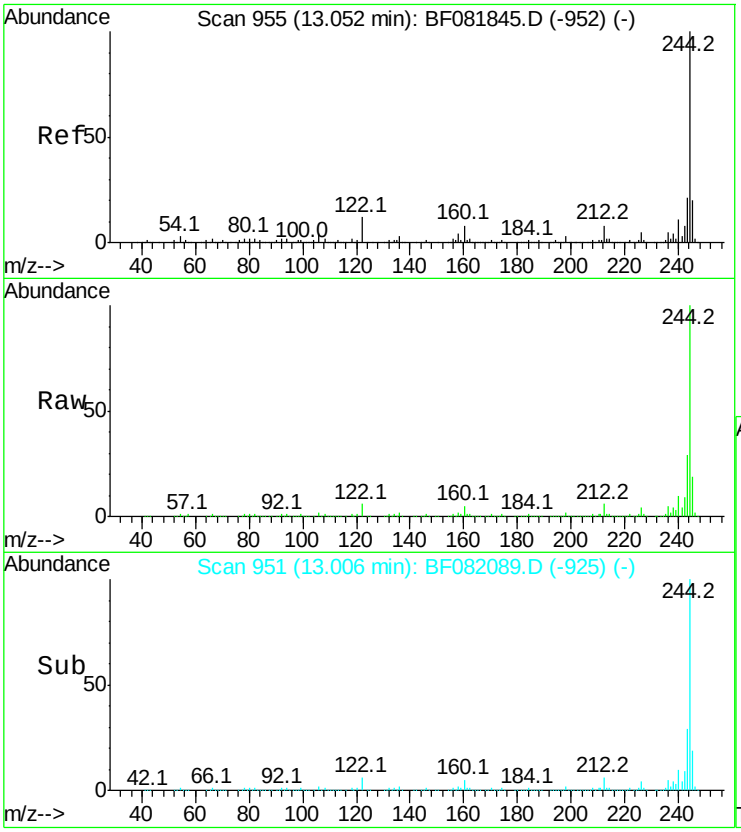


#77
Pyrene
Concen: 5.17 ng
RT: 12.86 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:202 Resp: 79360

Ion	Ratio	Lower	Upper
202	100		
200	19.5	15.0	22.4
203	17.2	14.1	21.1

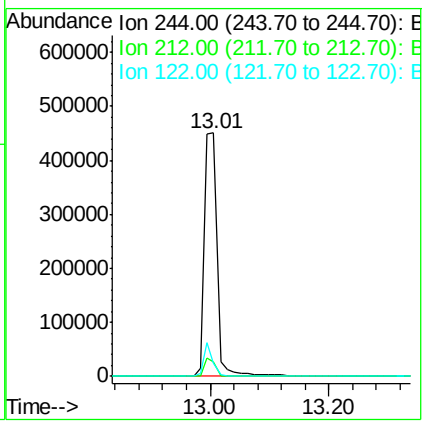




#78
Terphenyl-d14
Concen: 86.47 ng
RT: 13.01 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:244 Resp: 684626

Ion	Ratio	Lower	Upper
244	100		
212	6.1	4.3	6.5
122	5.6	17.4	26.2#



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ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
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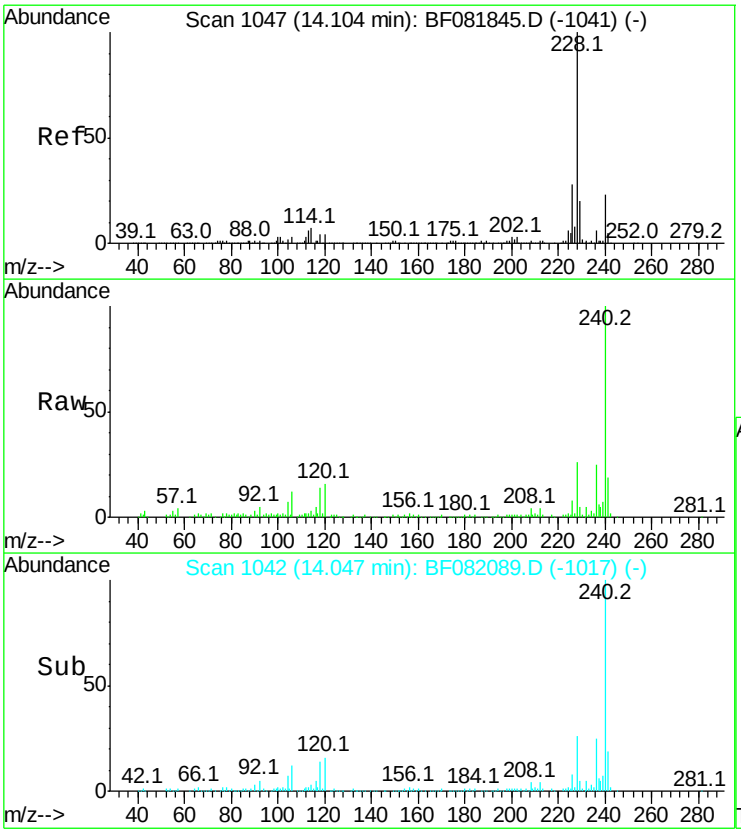
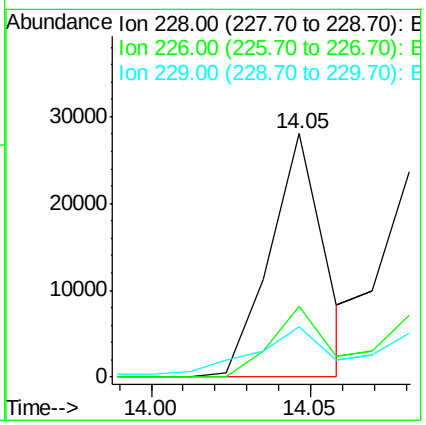
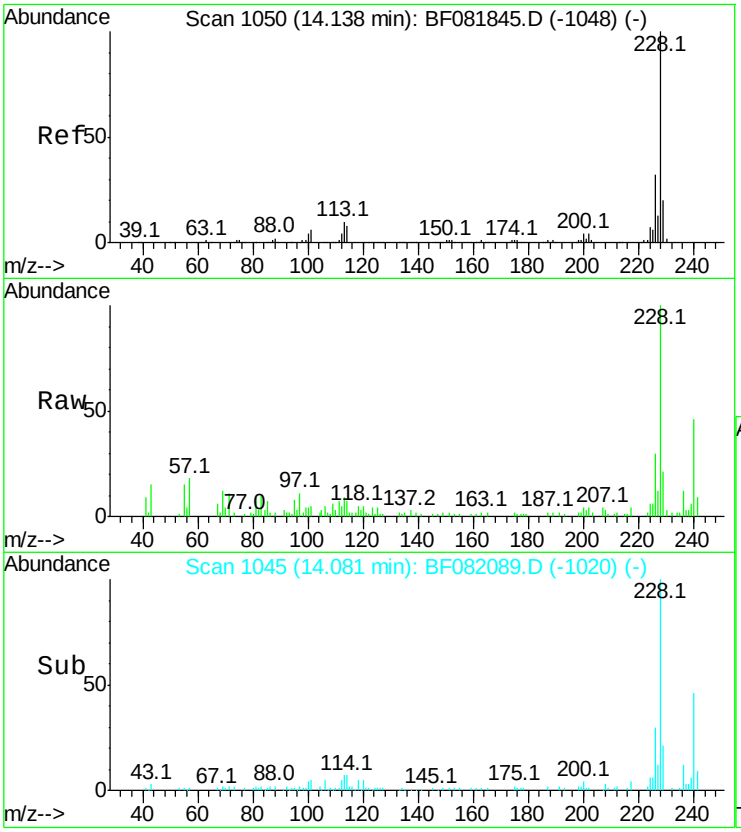


#80
Benzo(a)anthracene
Concen: 2.38 ng m
RT: 14.05 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:228 Resp: 32972

Ion	Ratio	Lower	Upper
228	100		
226	28.9	20.0	30.0
229	20.5	15.4	23.2

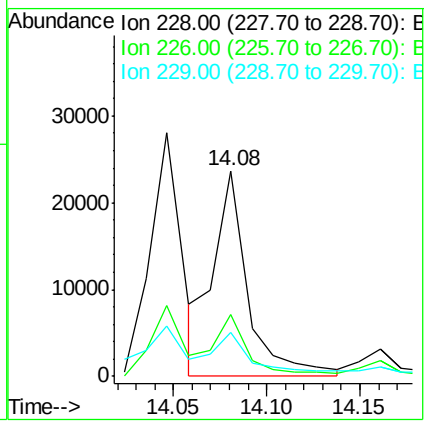




#82
Chrysene
Concen: 2.57 ng m
RT: 14.08 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:228 Resp: 30789

Ion	Ratio	Lower	Upper
228	100		
226	30.4	21.0	31.4
229	21.3	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
mmdadoda
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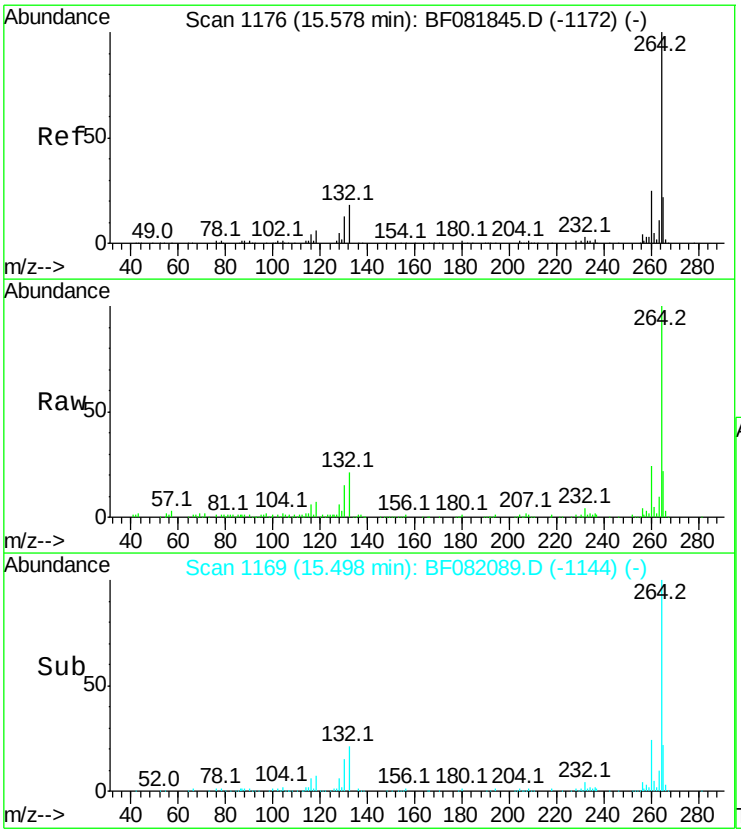
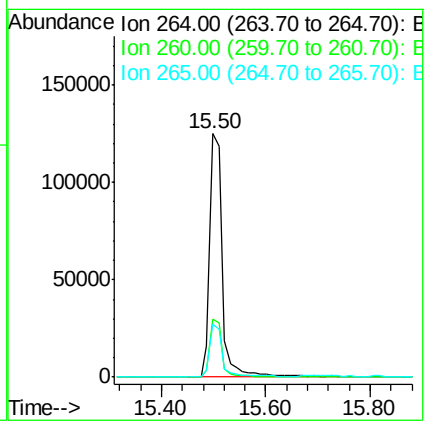
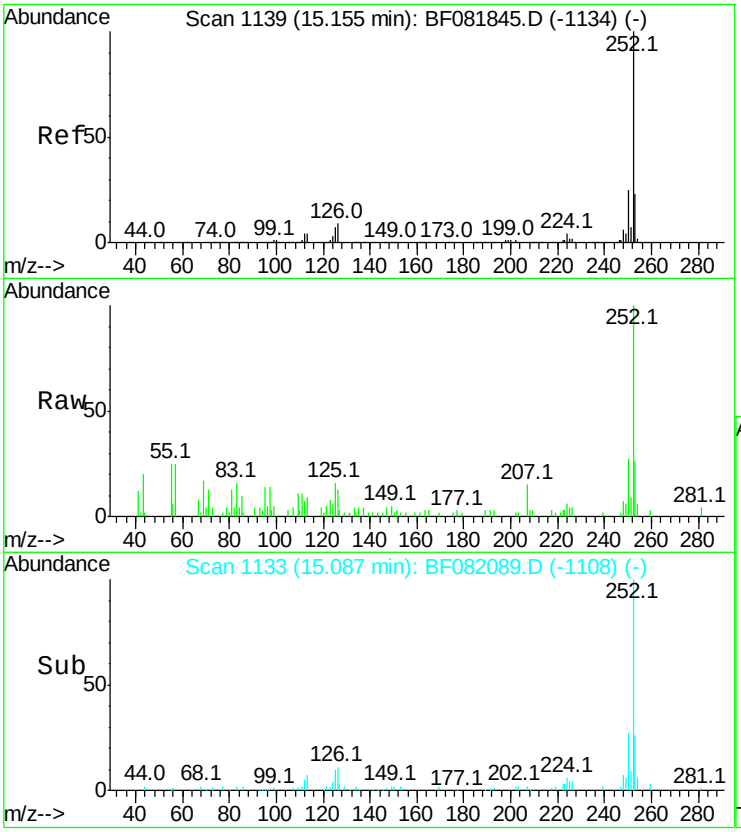


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:264 Resp: 211940

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.8	17.2	25.8





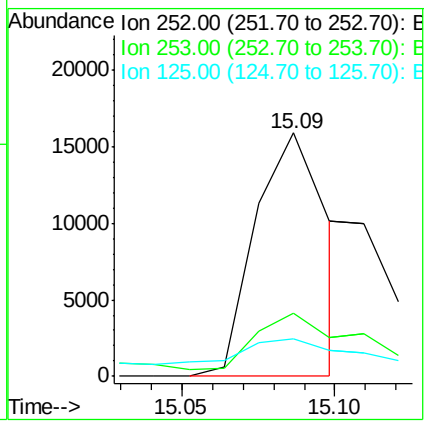
#87
Benzo(b)fluoranthene
Concen: 2.15 ng m
RT: 15.09 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

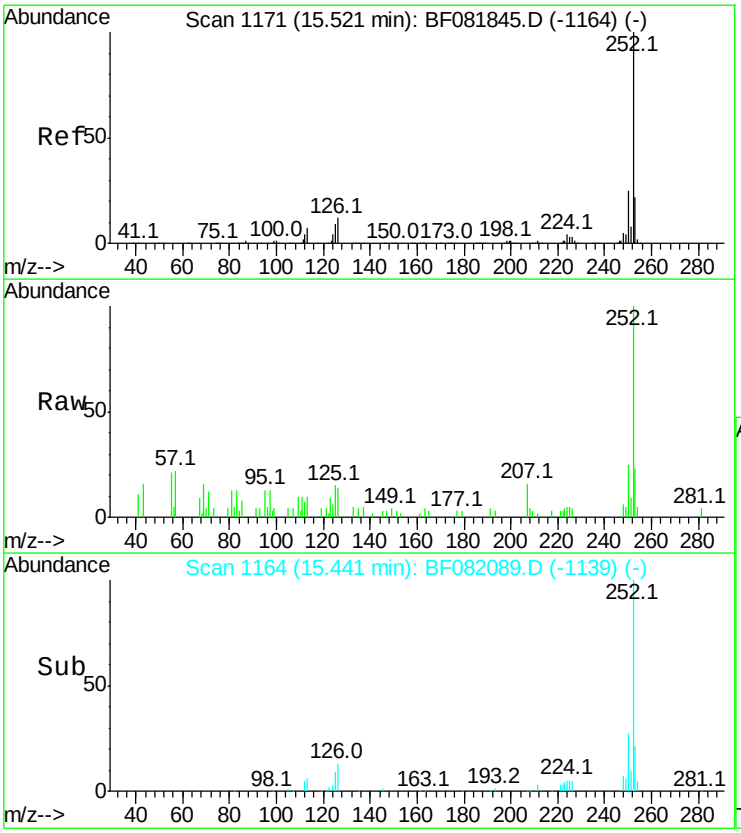
Tgt Ion:252 Resp: 26038

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.5	26.3
125	15.6	17.1	25.7#

Instrument :
BNA_F
ClientSampleId :
IM-MLA-(2.5-01)

Manual Integrations APPROVED
mmdadoda
10/7/2015 4:52:01 PM





#89
Benzo(a)pyrene
Concen: 2.02 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF082089.D
Acq: 6 Oct 2015 17:39

Tgt Ion:252 Resp: 21189

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	14.9	18.0	27.0#