Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081023.D
Acq On : 18 Aug 2015 1:39
Operator : UM/IZ
Sample : G3252-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:52 PM

Quant Time: Aug 18 06:46:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 17:57:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	72446	20.00	ng		0.00
21) Naphthalene-d8	7.91	136	257908	20.00	ng		0.00
38) Acenaphthene-d10	9.66	164	122518	20.00	ng		0.00
63) Phenanthrene-d10	11.13	188	247768	20.00	ng		0.00
75) Chrysene-d12	13.75	240	161203	20.00	ng		0.00
86) Perylene-d12	15.10	264	143944	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	572581	118.88	ng		0.02
7) Phenol-d6	6.27	99	740825	117.88	ng		0.01
23) Nitrobenzene-d5	7.20	82	556833	98.63	ng		0.01
41) 2,4,6-Tribromophenol	10.44	330	128769	121.25	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	660796	70.67	ng		0.00
78) Terphenyl-d14	12.72	244	565415	75.19	ng		0.01
Target Compounds							Qvalue
49) Dimethylphthalate	9.39	163	170577	16.91	ng		98
74) Fluoranthene	12.33	202	60706	3.83	ng		95
77) Pyrene	12.56	202	52081	3.97	ng		97
80) Benzo(a)anthracene	13.74	228	29511	2.73	ng		94
82) Chrysene	13.77	228	21623m	2.22	ng		
85) Indeno(1,2,3-cd)pyrene	16.33	276	14531	2.12	ng	#	81
88) Benzo(k)fluoranthene	14.73	252	27440m	2.89	ng		
89) Benzo(a)pyrene	15.04	252	22900	2.58	ng	#	88

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

Quantitation Report (QT/LSC Reviewed)

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Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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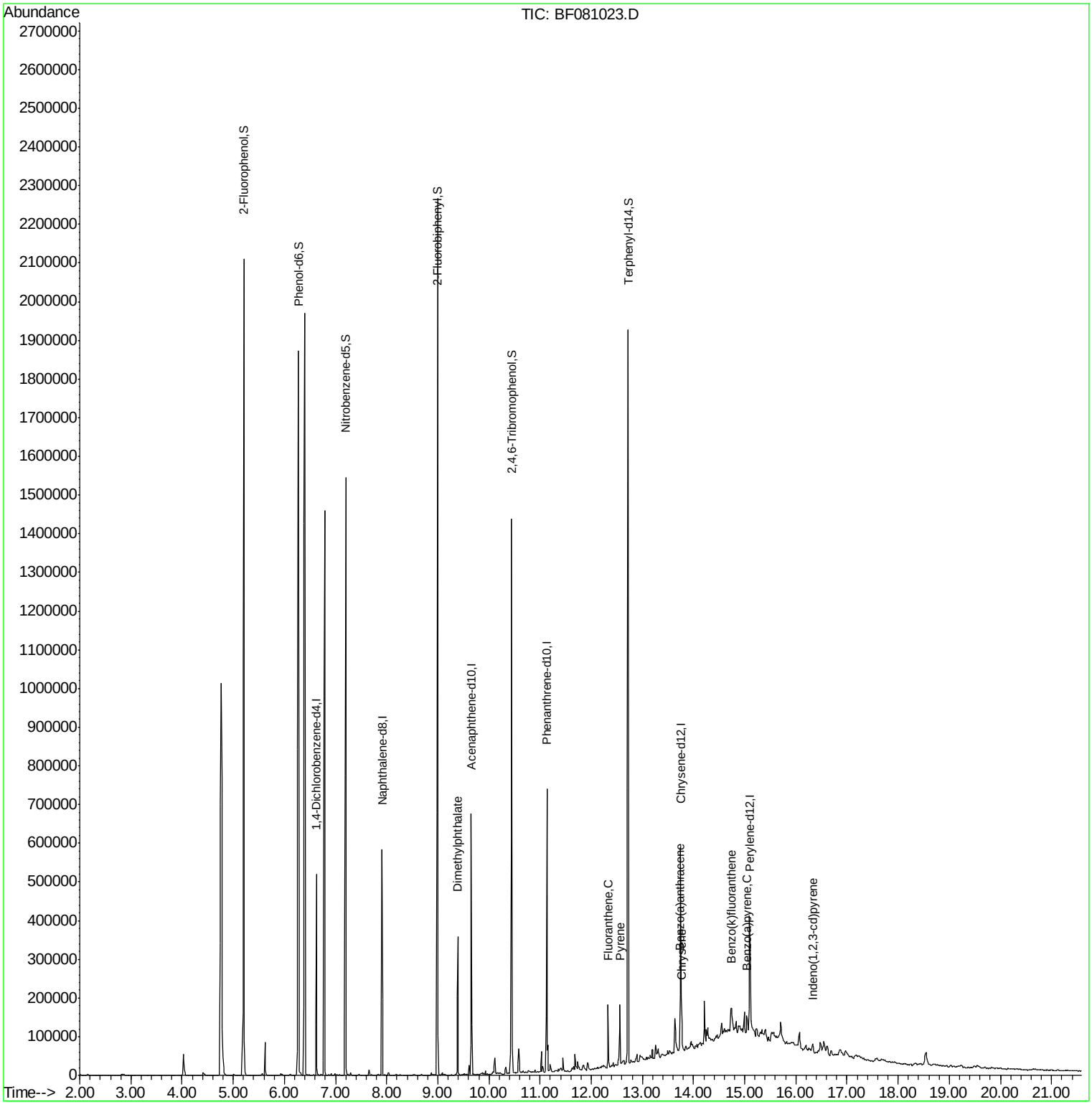
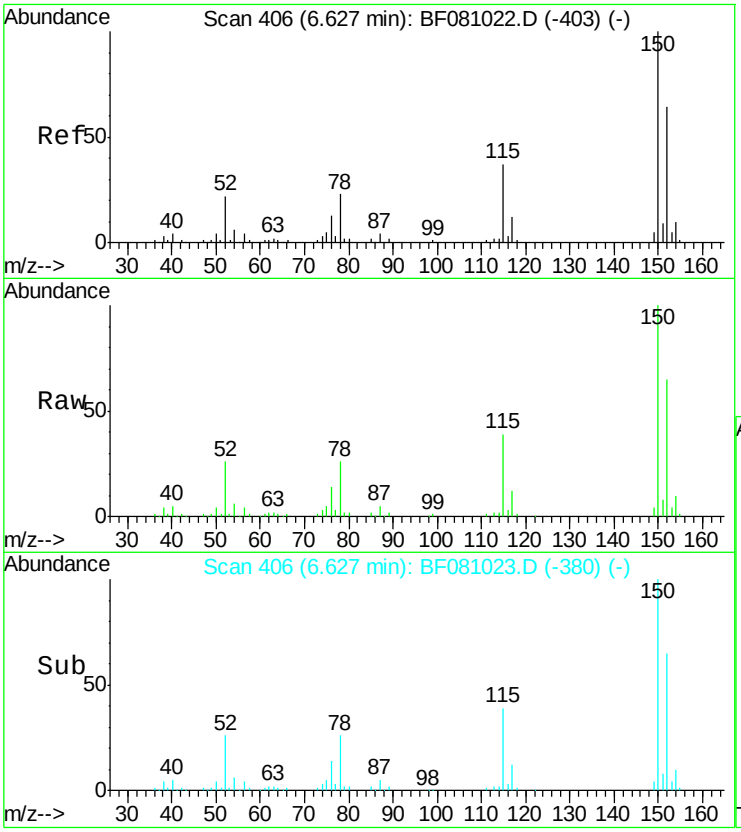
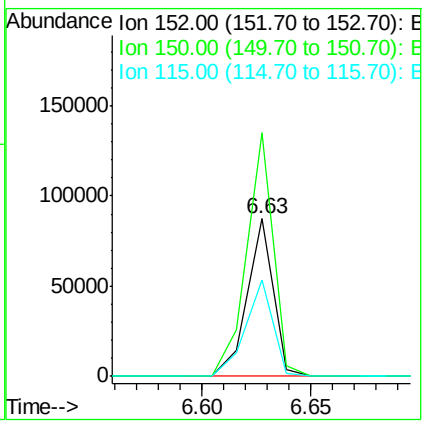




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:152 Resp: 72446

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.8	185.6
115	60.9	52.1	78.1



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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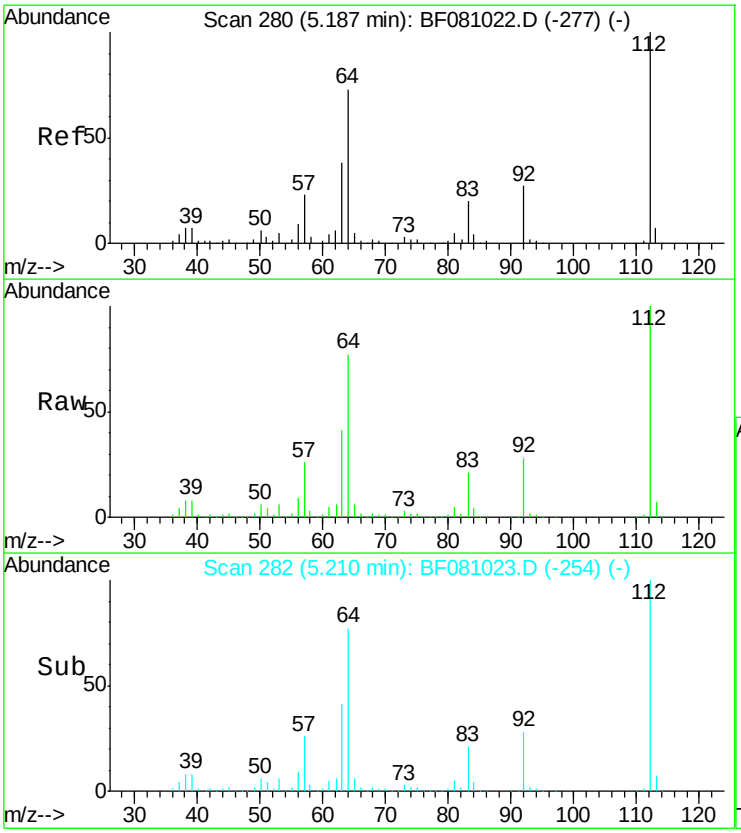
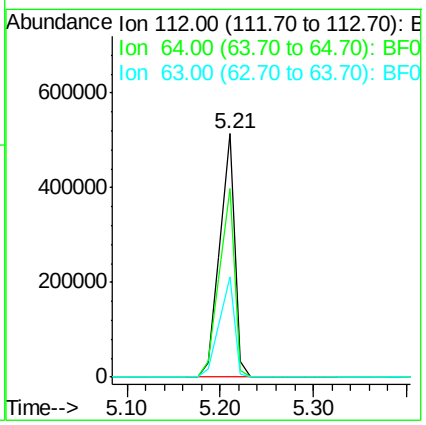
8/18/2015 5:12:52 PM

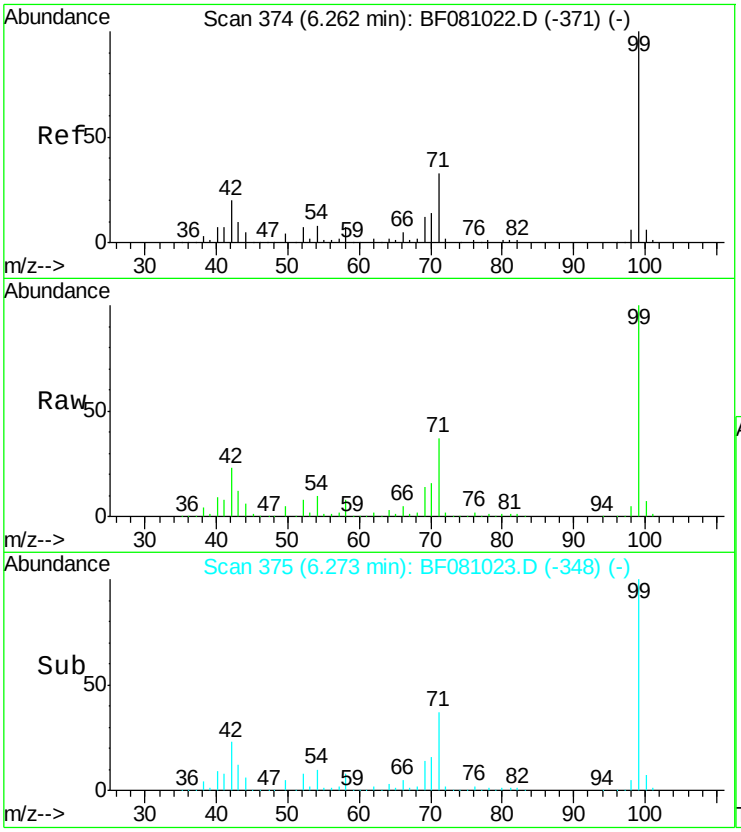


#5
2-Fluorophenol
Concen: 118.88 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:112 Resp: 572581

Ion	Ratio	Lower	Upper
112	100		
64	77.3	66.9	100.3
63	41.2	38.1	57.1

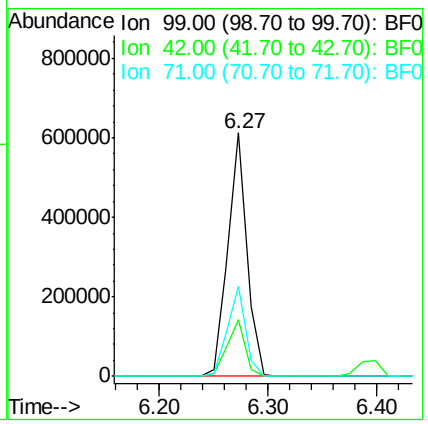




#7
Phenol-d6
Concen: 117.88 ng
RT: 6.27 min Scan# 375
Delta R.T. 0.01 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion: 99 Resp: 740825

Ion	Ratio	Lower	Upper
99	100		
42	23.4	19.6	29.4
71	36.8	31.2	46.8



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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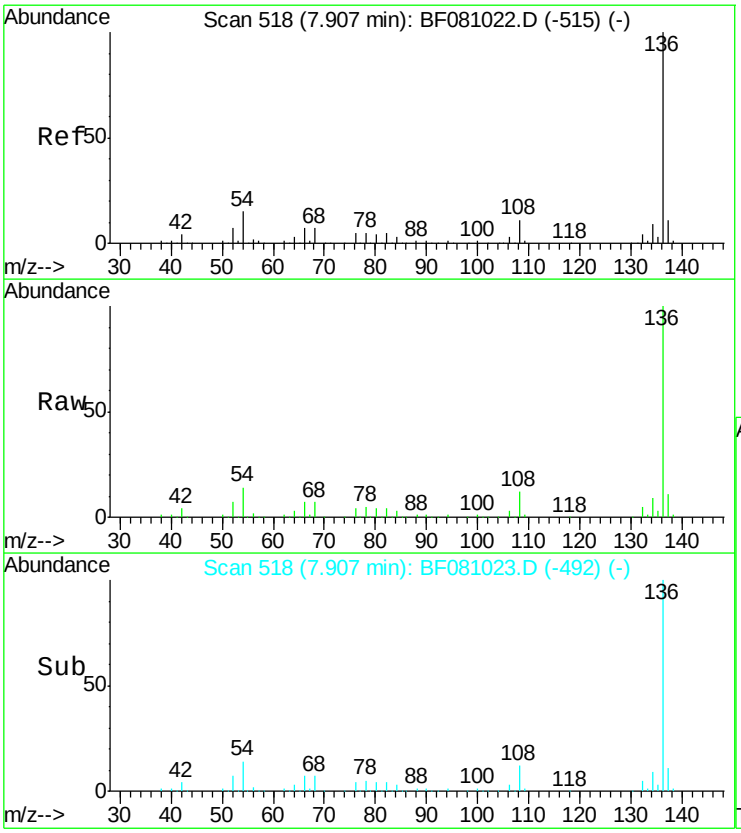
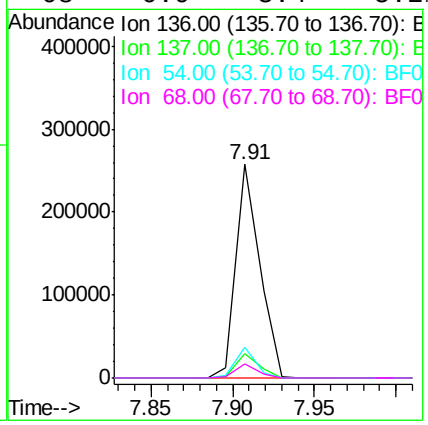
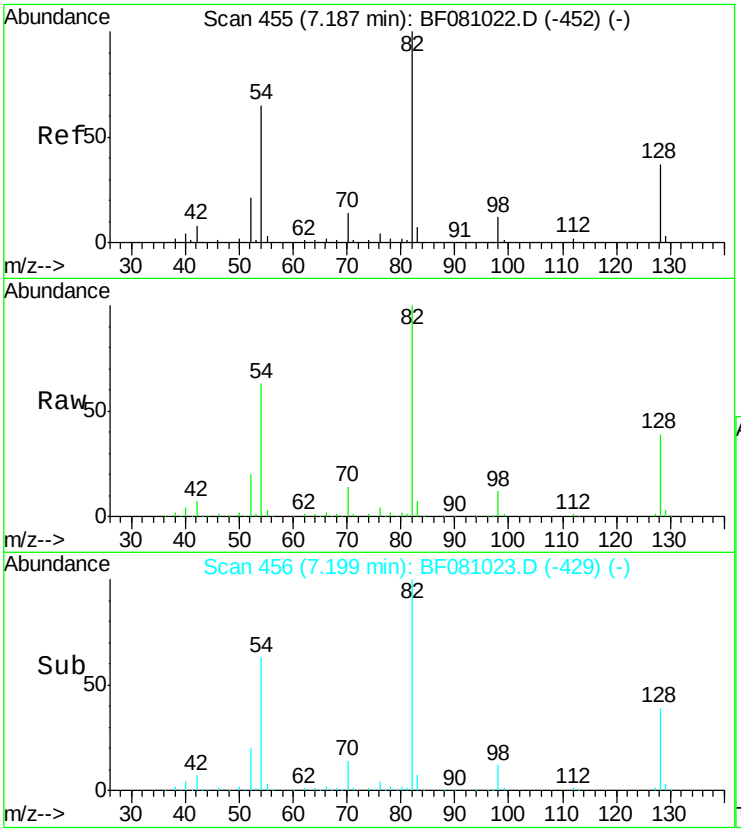


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:136 Resp: 257908

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.2
54	14.3	7.7	11.5#
68	6.9	3.4	5.2#

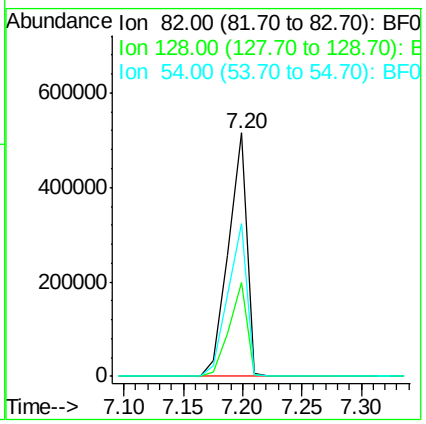




#23
Nitrobenzene-d5
Concen: 98.63 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion: 82 Resp: 556833

Ion	Ratio	Lower	Upper
82	100		
128	38.8	28.6	42.8
54	63.0	55.1	82.7



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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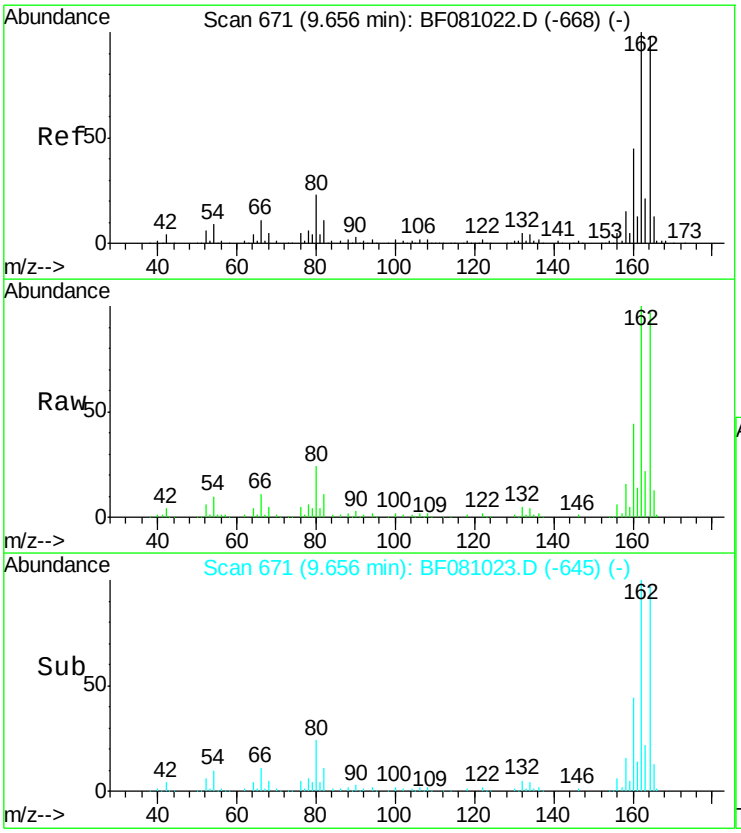
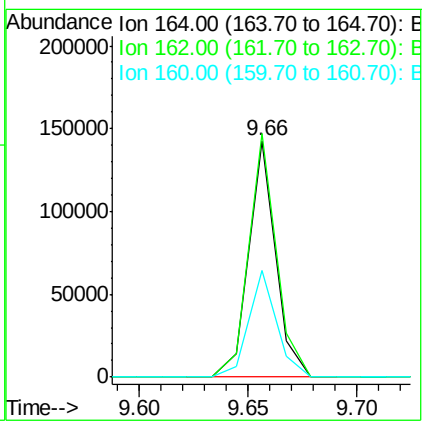
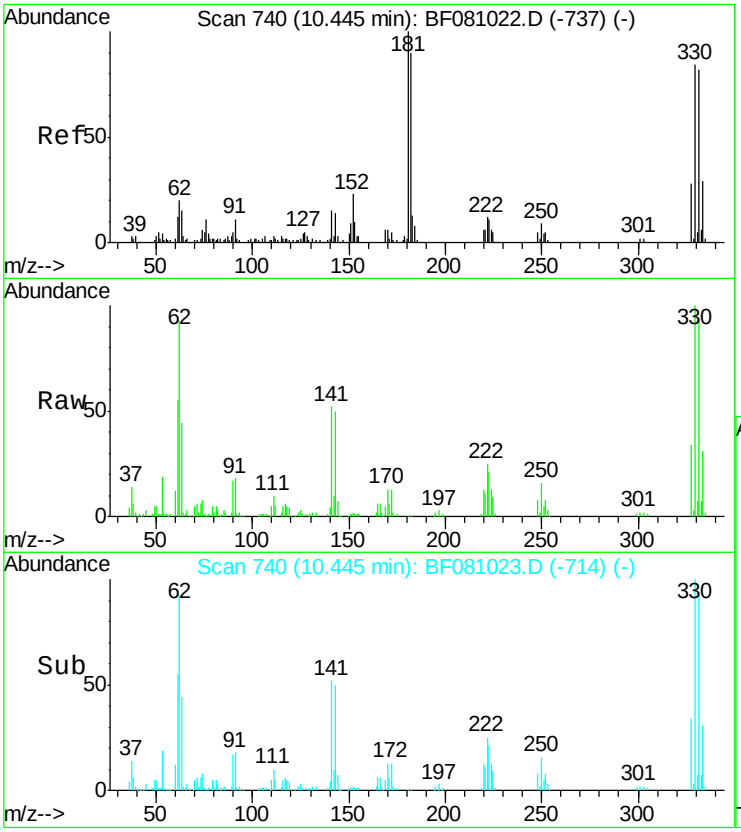


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:164 Resp: 122518

Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.8	125.8
160	45.4	39.8	59.8

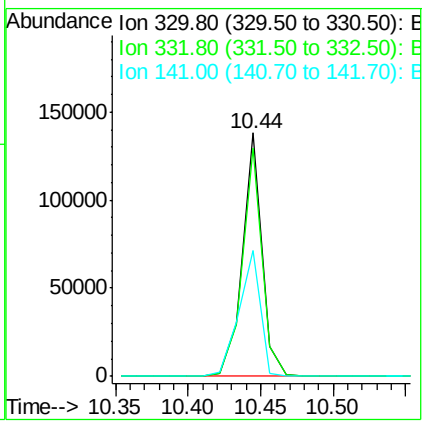




#41
2,4,6-Tribromophenol
Concen: 121.25 ng
RT: 10.44 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:330 Resp: 128769

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.3	115.9
141	57.0	44.9	67.3



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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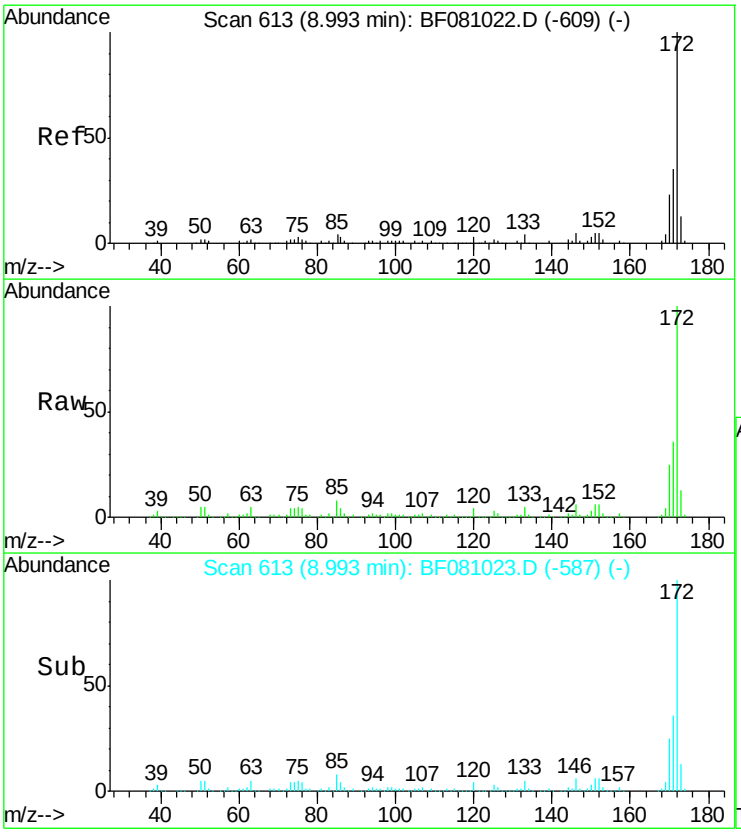
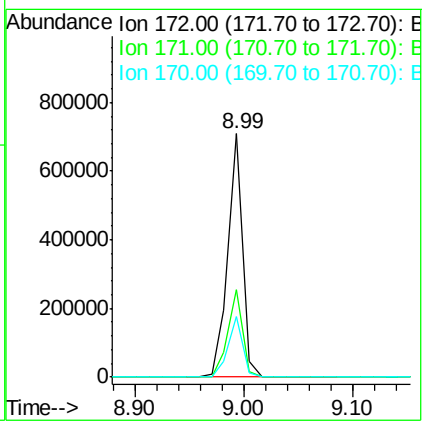
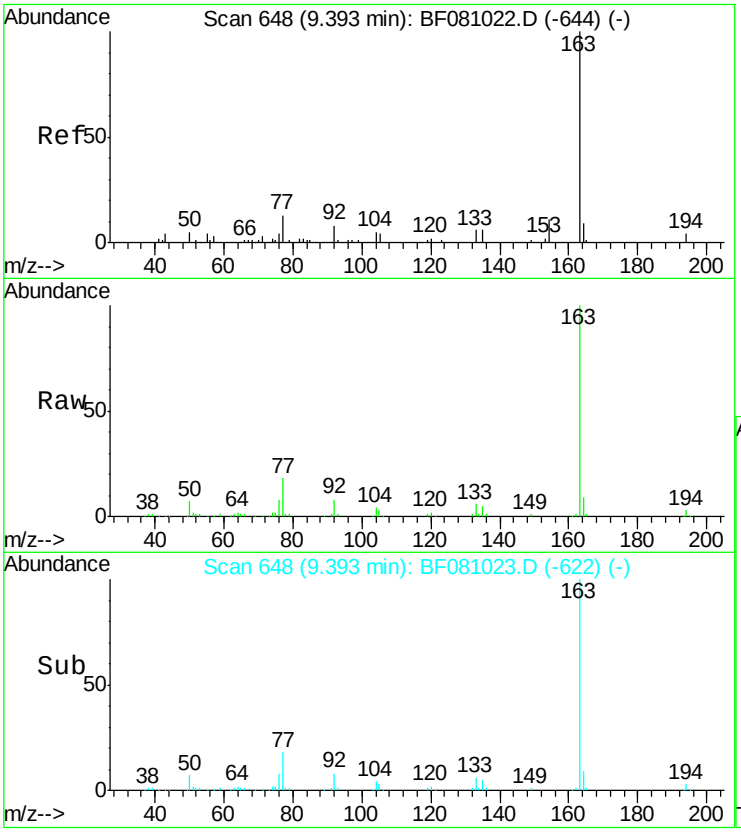


#44
2-Fluorobiphenyl
Concen: 70.67 ng
RT: 8.99 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:172 Resp: 660796

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.9	19.4	29.2

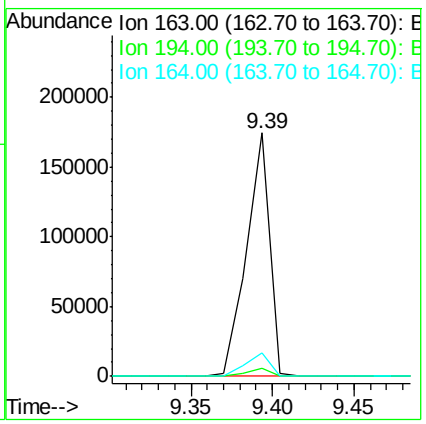




#49
Dimethylphthalate
Concen: 16.91 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:163 Resp: 170577

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.5	3.7
164	9.4	8.1	12.1



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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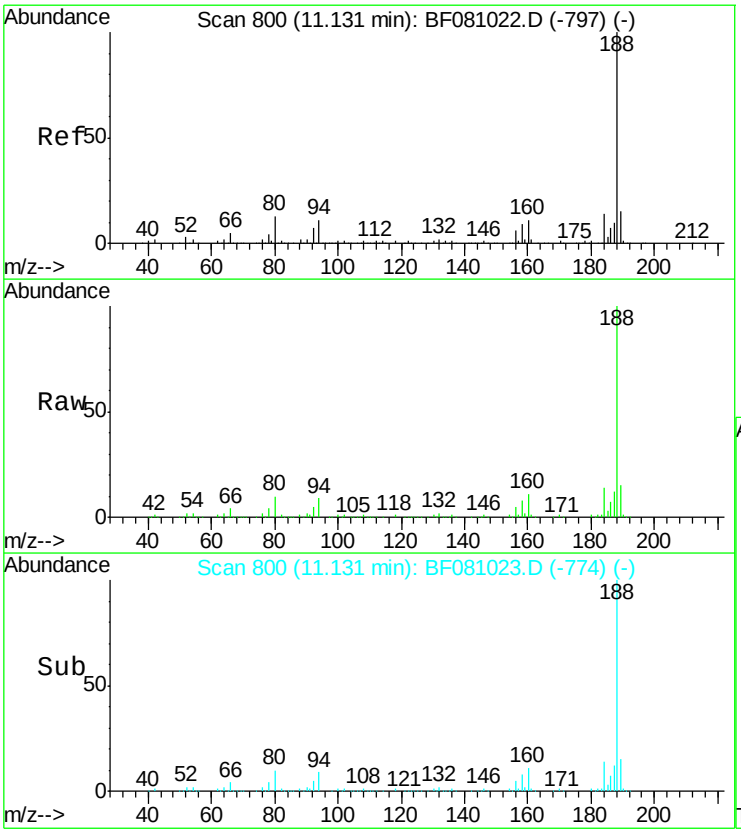
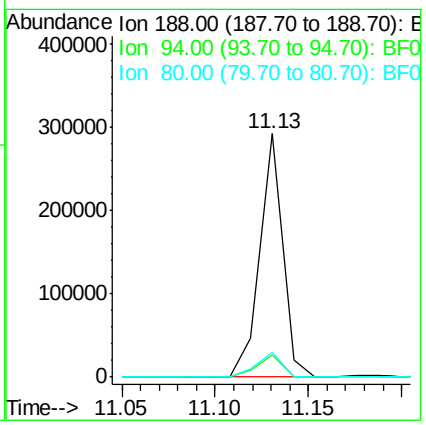
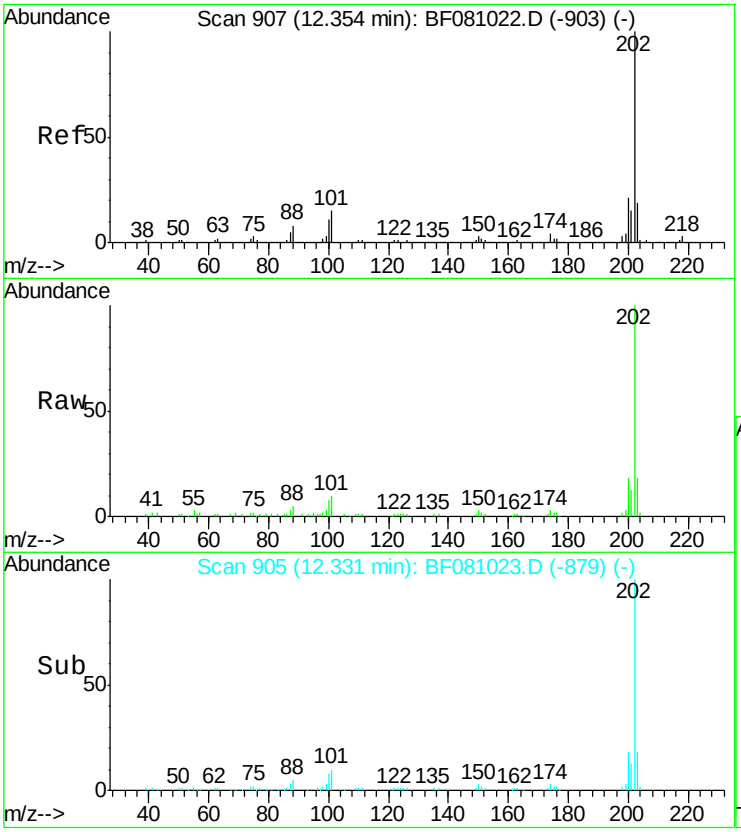


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:188 Resp: 247768

Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	10.3	9.5	14.3

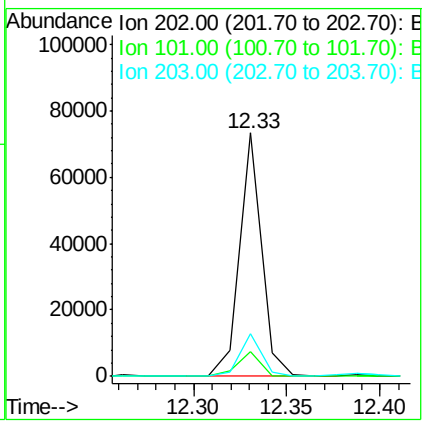




#74
Fluoranthene
Concen: 3.83 ng
RT: 12.33 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:202 Resp: 60706

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	24.8
203	17.6	0.0	36.9



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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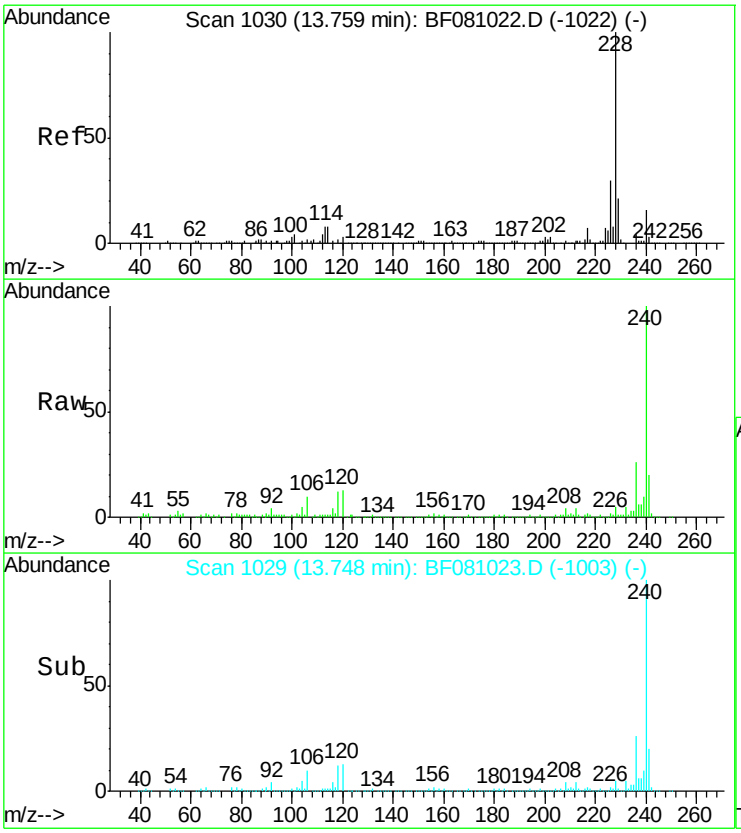
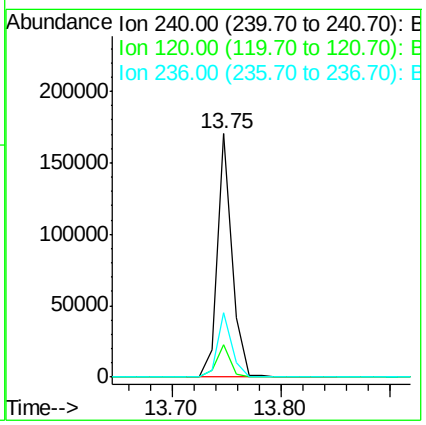
8/18/2015 5:12:52 PM

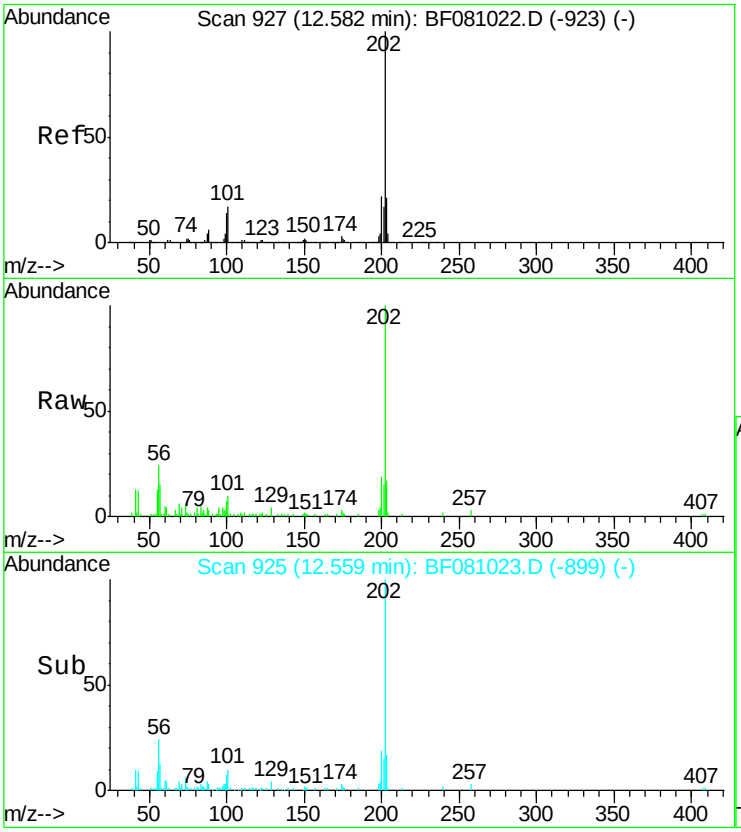


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.75 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:240 Resp: 161203

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.6	8.4#
236	26.4	20.6	30.8

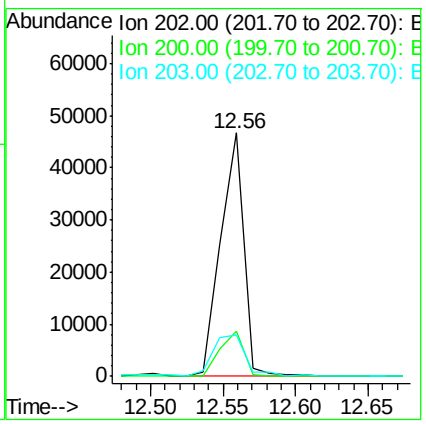




#77
Pyrene
Concen: 3.97 ng
RT: 12.56 min Scan# 925
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:202 Resp: 52081

Ion	Ratio	Lower	Upper
202	100		
200	18.6	16.6	24.8
203	17.1	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
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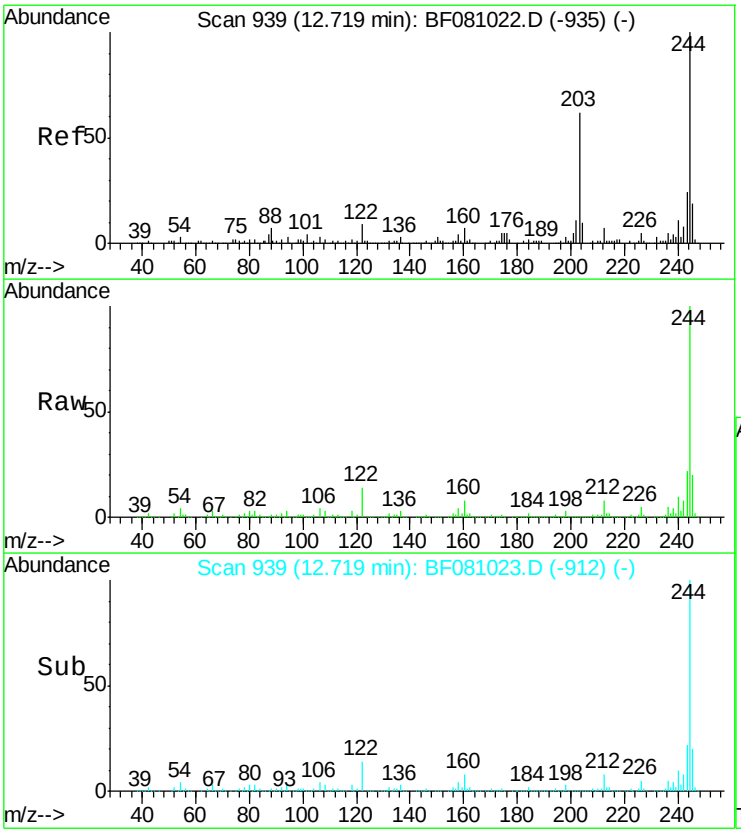
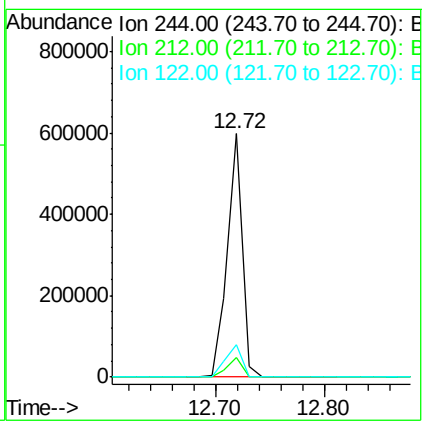
8/18/2015 5:12:52 PM

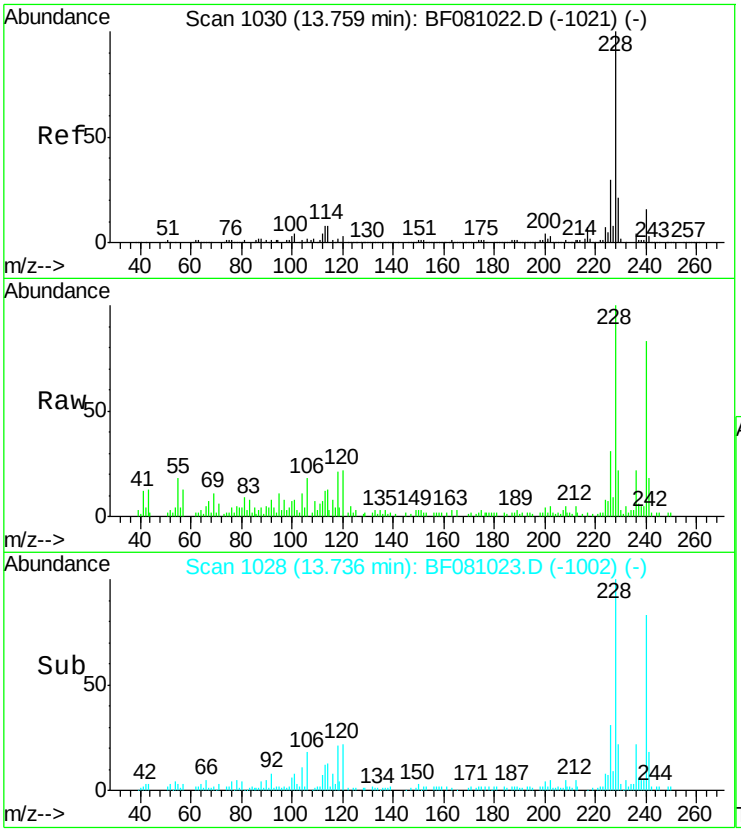


#78
Terphenyl-d14
Concen: 75.19 ng
RT: 12.72 min Scan# 939
Delta R.T. 0.01 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:244 Resp: 565415

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	13.5	8.2	12.4#

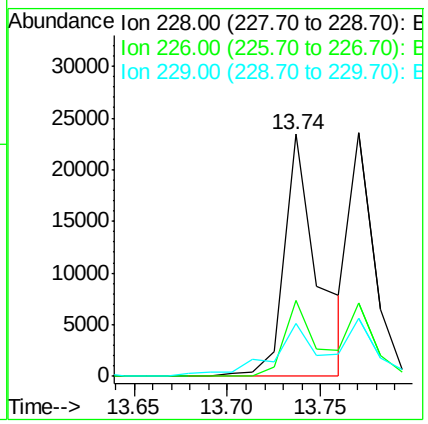




#80
Benzo(a)anthracene
Concen: 2.73 ng
RT: 13.74 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

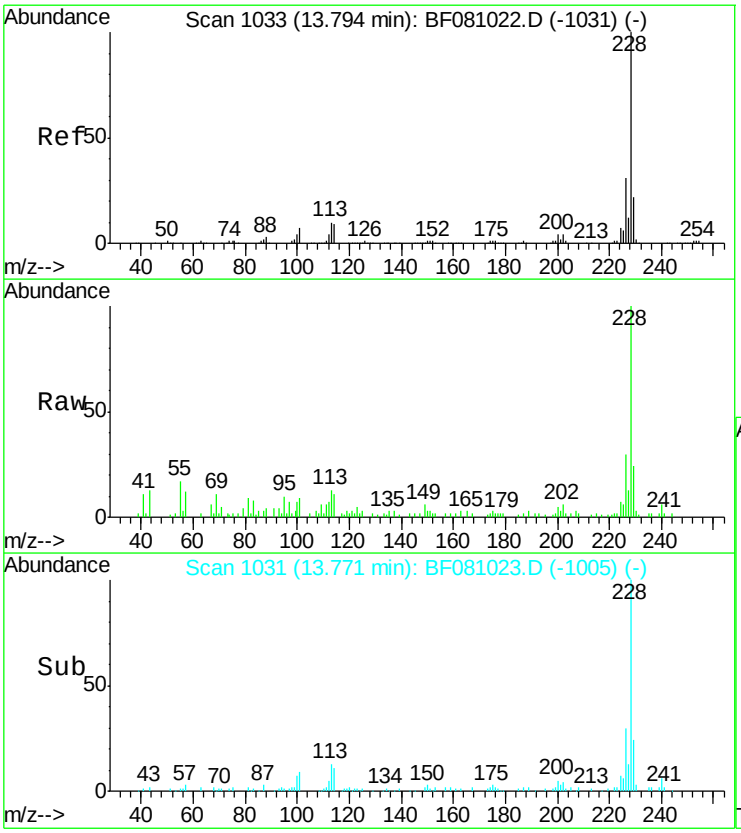
Tgt Ion:228 Resp: 29511

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.3	33.5
229	22.0	15.9	23.9



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

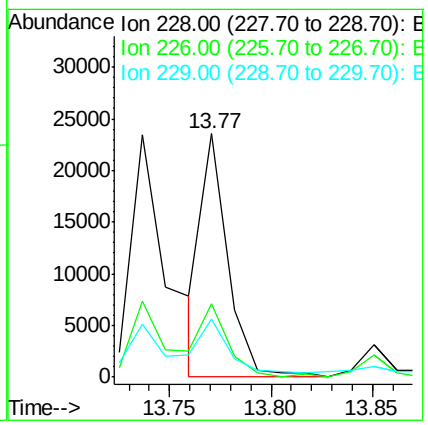
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:52 PM

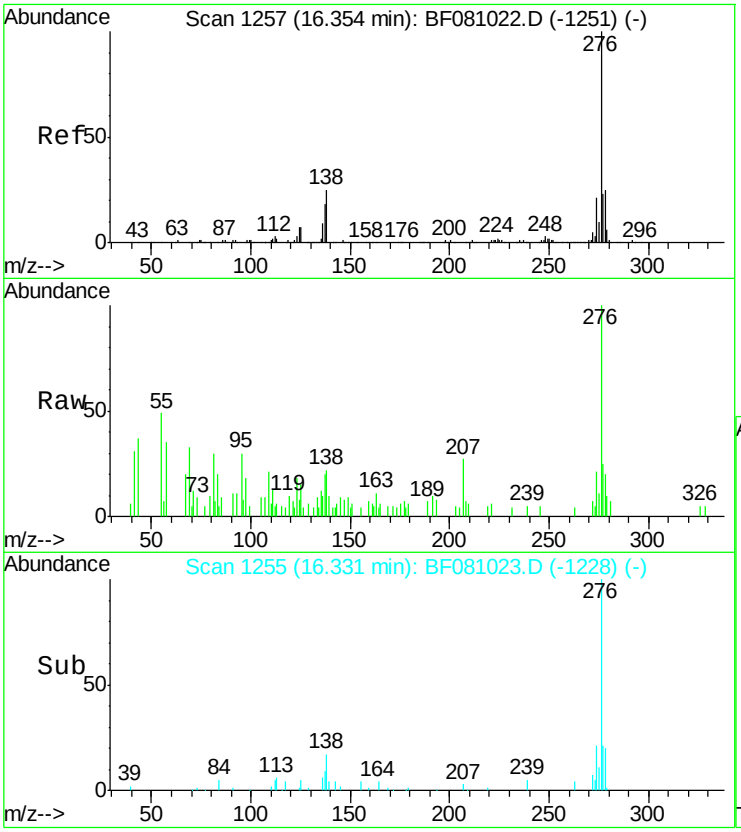


#82
Chrysene
Concen: 2.22 ng m
RT: 13.77 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:228 Resp: 21623

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.4	36.6
229	23.7	16.0	24.0

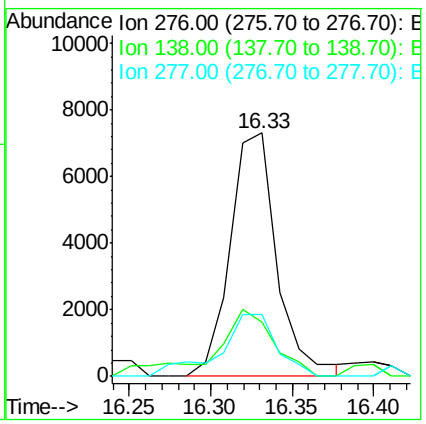




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.12 ng
RT: 16.33 min Scan# 1255
Delta R.T. 0.01 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

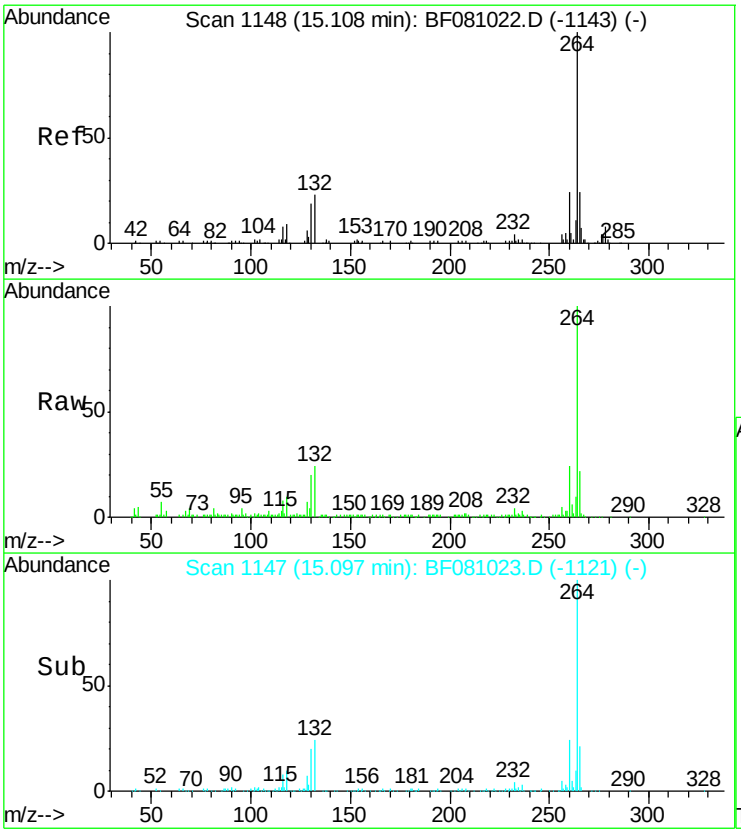
Tgt Ion:276 Resp: 14531

Ion	Ratio	Lower	Upper
276	100		
138	35.7	18.6	28.0#
277	31.2	19.8	29.8#



Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

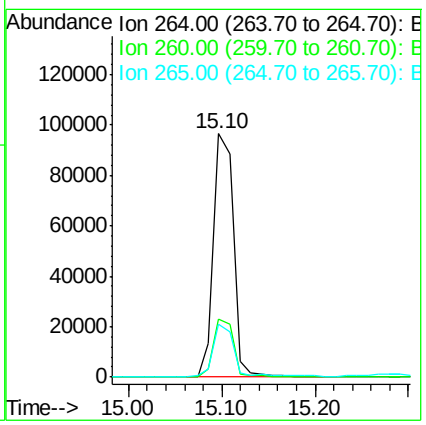
Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:52 PM

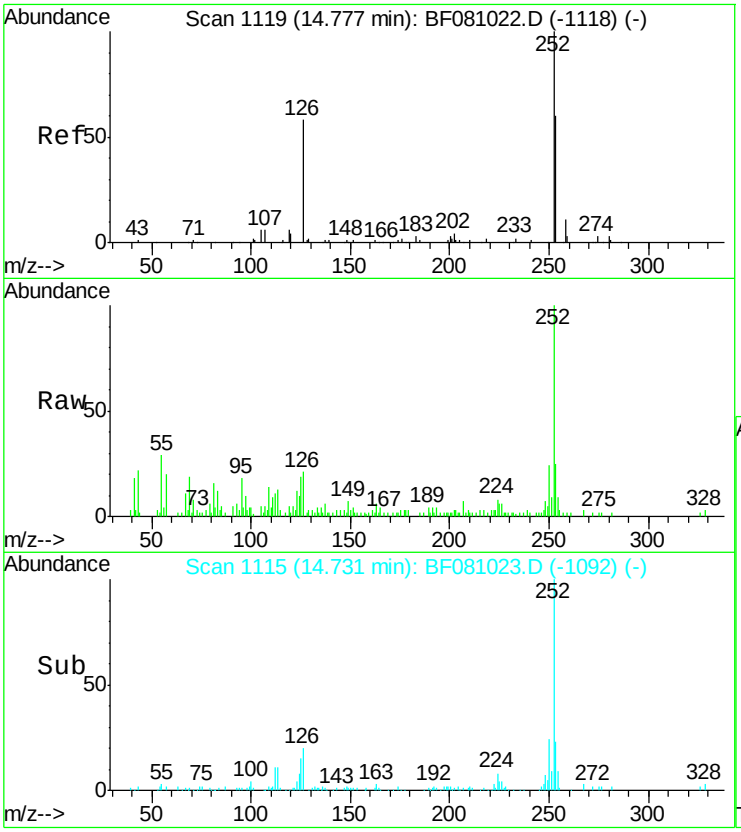


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:264 Resp: 143944

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	21.7	17.5	26.3





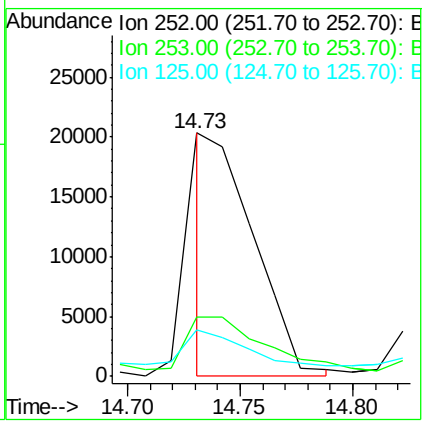
#88
Benzo(k)fluoranthene
Concen: 2.89 ng m
RT: 14.73 min Scan# 1115
Delta R.T. -0.03 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

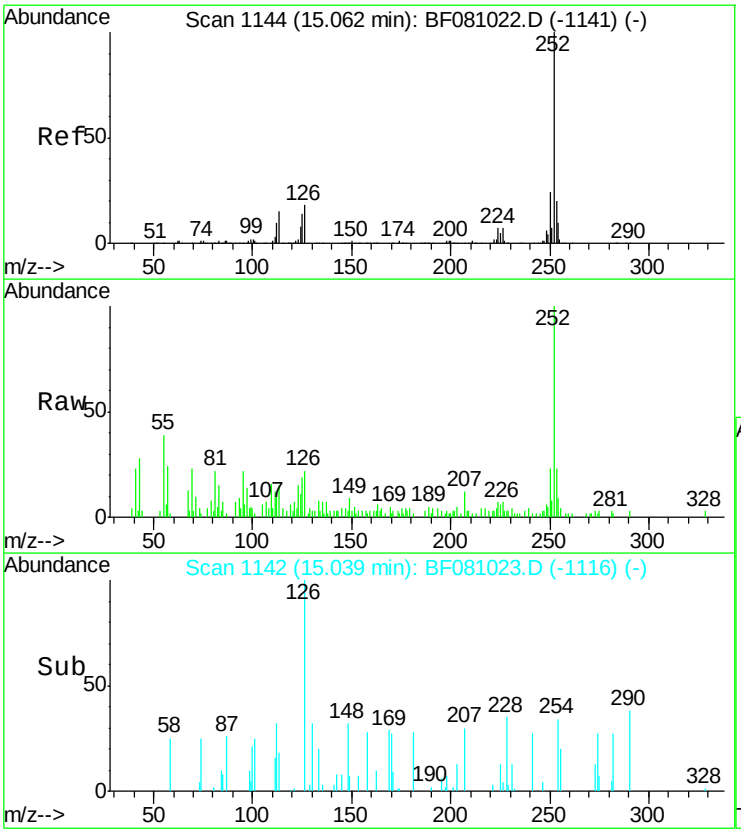
Tgt Ion:252 Resp: 27440

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	18.9	10.3	15.5#

Instrument :
BNA_F
ClientSampleId :
FK-GF-01-017-A

Manual Integrations APPROVED
MMDadoda
8/18/2015 5:12:52 PM





#89
Benzo(a)pyrene
Concen: 2.58 ng
RT: 15.04 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF081023.D
Acq: 18 Aug 2015 1:39

Tgt Ion:252 Resp: 22900

Ion	Ratio	Lower	Upper
252	100		
253	23.2	16.6	25.0
125	19.4	7.8	11.8#