Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081413.D
Acq On : 4 Sep 2015 10:28
Operator : UM/IZ
Sample : G3505-08
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-TS01-01

Manual Integrations APPROVED
MMDadoda
9/4/2015 2:52:05 PM

Quant Time: Sep 04 13:00:18 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 01 17:35:35 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.36	152	54531	20.00	ng		-0.02
21) Naphthalene-d8	7.66	136	210164	20.00	ng		-0.02
38) Acenaphthene-d10	9.39	164	91229	20.00	ng		-0.02
63) Phenanthrene-d10	10.86	188	169005	20.00	ng		-0.02
75) Chrysene-d12	13.47	240	105749	20.00	ng		-0.02
86) Perylene-d12	14.78	264	91241	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.91	112	361884	102.96	ng		-0.01
7) Phenol-d6	6.04	99	570792	122.69	ng		-0.01
23) Nitrobenzene-d5	6.95	82	374912	86.07	ng		-0.02
41) 2,4,6-Tribromophenol	10.18	330	90699	111.66	ng		-0.02
44) 2-Fluorobiphenyl	8.74	172	573966	80.62	ng		-0.02
78) Terphenyl-d14	12.45	244	380592	83.78	ng		-0.02
Target Compounds							Qvalue
49) Dimethylphthalate	9.14	163	103033	14.54	ng	#	97
70) Phenanthrene	10.88	178	39521	4.21	ng		99
74) Fluoranthene	12.06	202	80709	7.93	ng		88
77) Pyrene	12.27	202	76321	9.74	ng		95
80) Benzo(a)anthracene	13.46	228	30919	4.59	ng	#	92
82) Chrysene	13.50	228	31214m	5.17	ng		
85) Indeno(1,2,3-cd)pyrene	15.86	276	15505	3.50	ng	#	90
87) Benzo(b)fluoranthene	14.46	252	33533m	5.15	ng		
88) Benzo(k)fluoranthene	14.46	252	17870m	3.31	ng		
89) Benzo(a)pyrene	14.73	252	25440	4.61	ng	#	86
91) Benzo(g,h,i)perylene	16.17	276	14607	3.59	ng	#	81

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
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Misc :
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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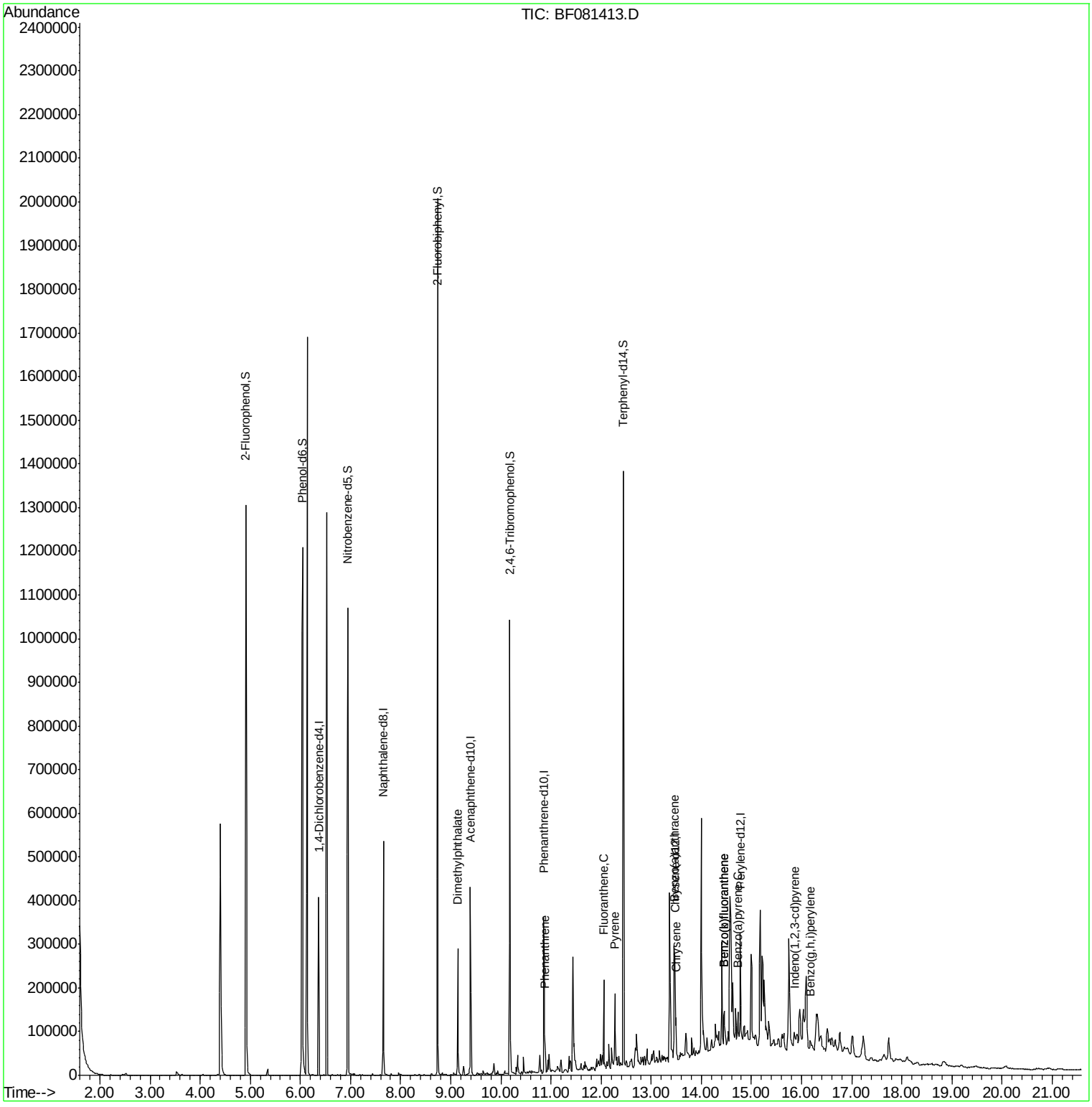
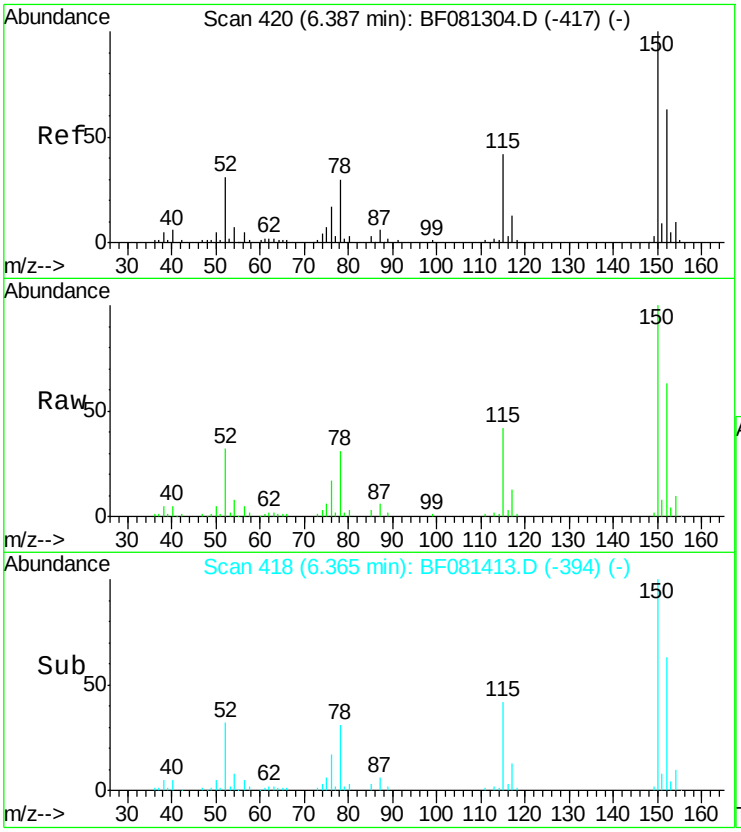
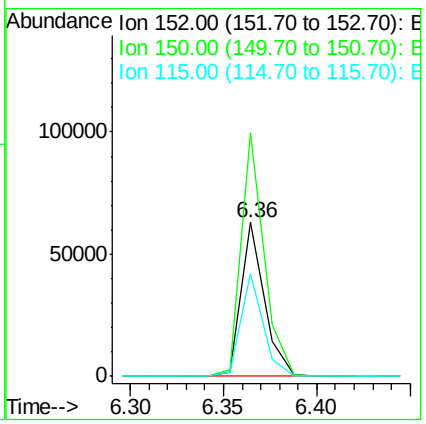




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:152 Resp: 54531

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.7	187.1
115	66.5	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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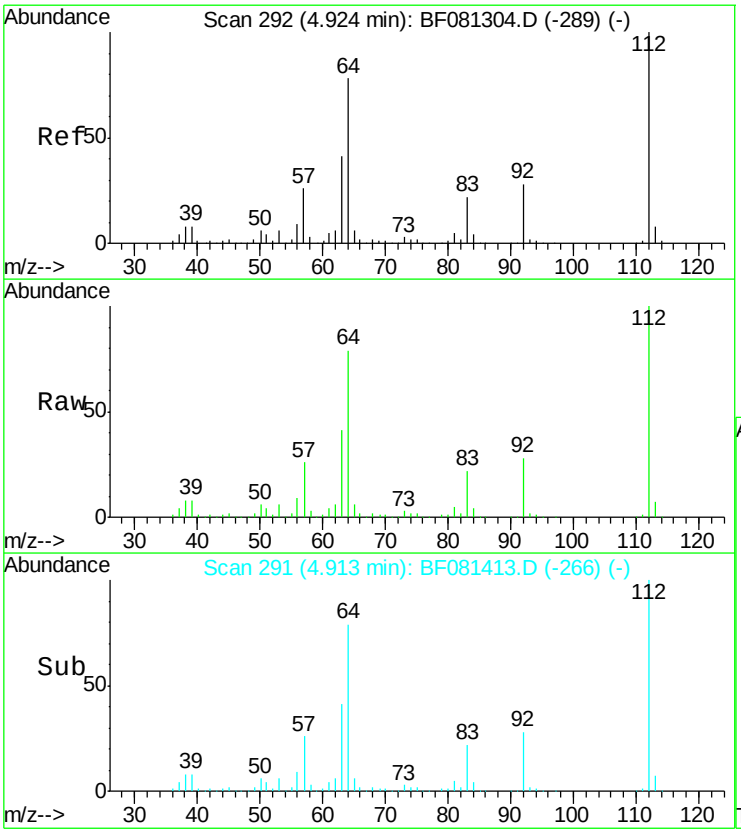
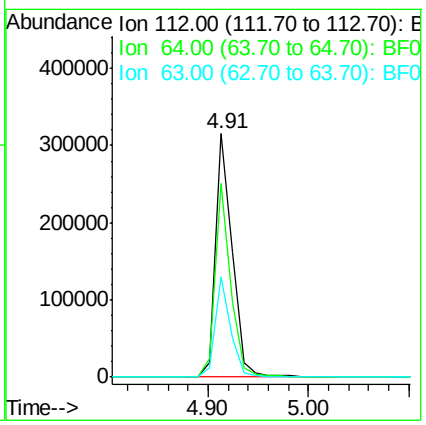
9/4/2015 2:52:05 PM

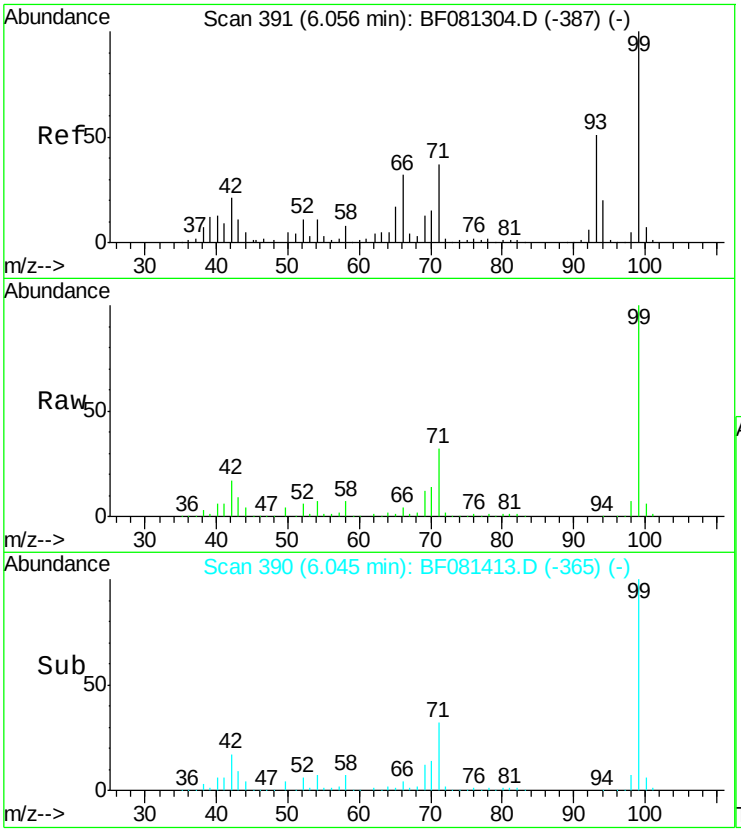


#5
2-Fluorophenol
Concen: 102.96 ng
RT: 4.91 min Scan# 291
Delta R.T. -0.01 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:112 Resp: 361884

Ion	Ratio	Lower	Upper
112	100		
64	79.3	39.7	59.5#
63	41.2	17.4	26.0#

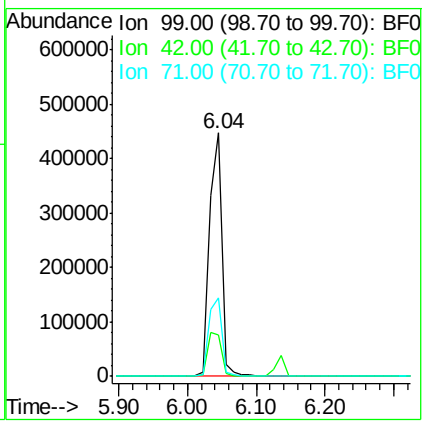




#7
Phenol-d6
Concen: 122.69 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.01 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion: 99 Resp: 570792

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.7	20.5
71	32.2	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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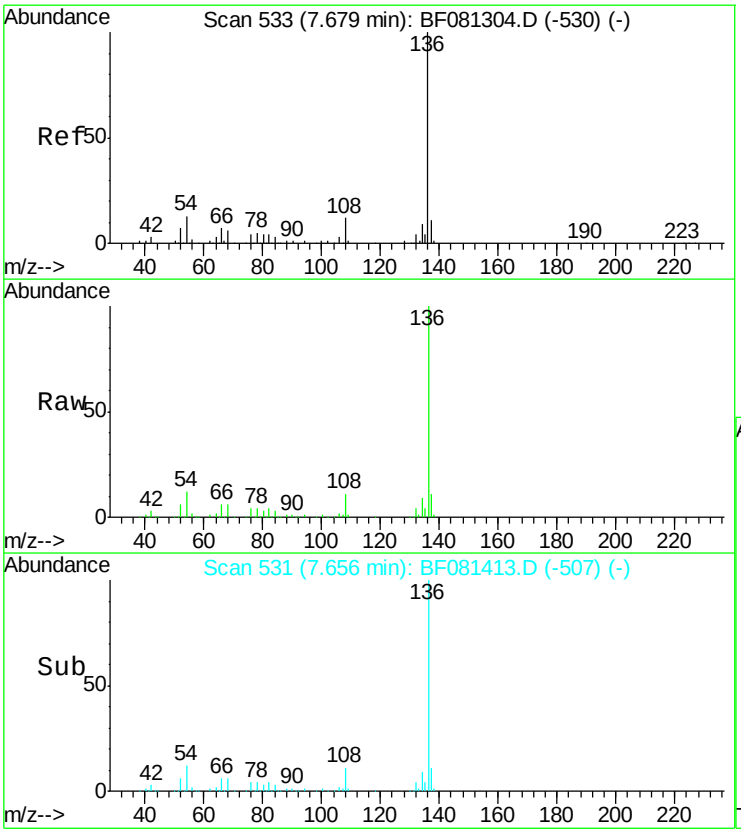
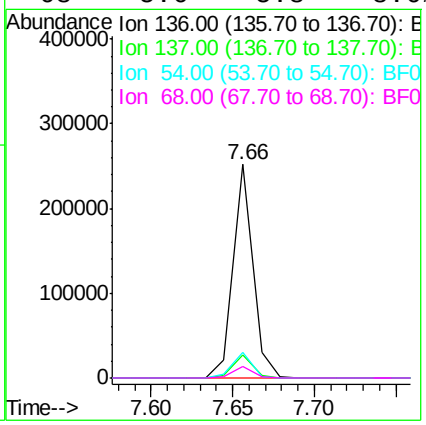
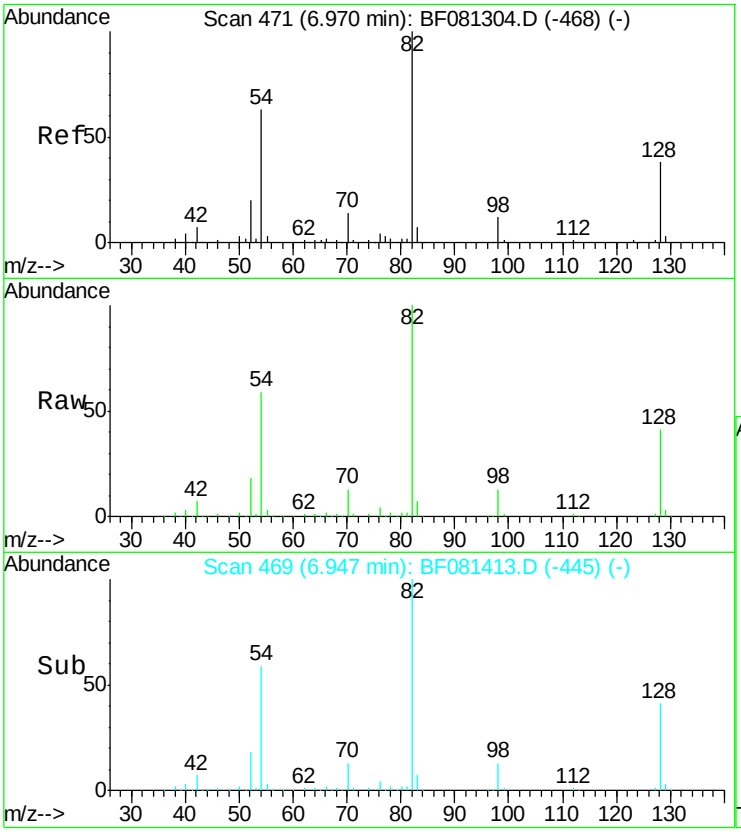


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:136 Resp: 210164

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	11.8	8.2	12.2
68	5.6	5.8	8.6#

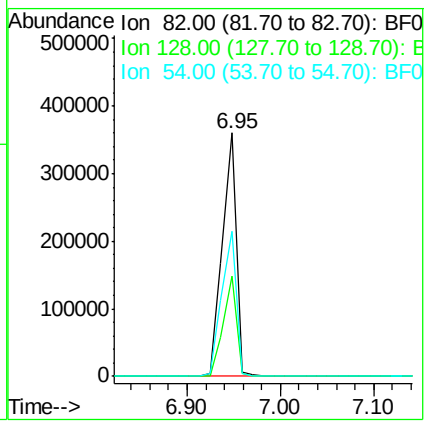




#23
Nitrobenzene-d5
Concen: 86.07 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion: 82 Resp: 374912

Ion	Ratio	Lower	Upper
82	100		
128	41.4	51.0	76.6#
54	59.4	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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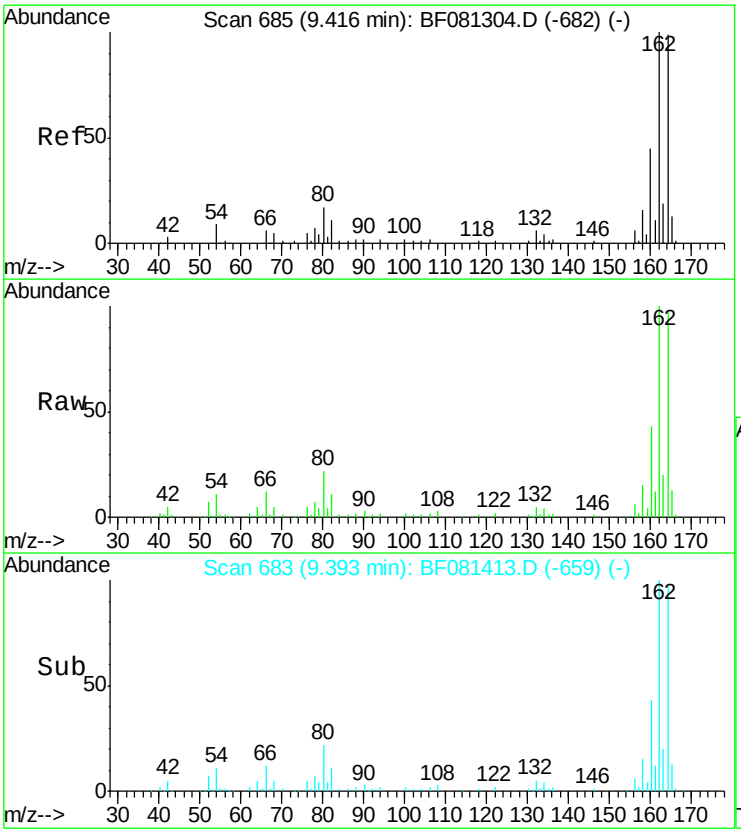
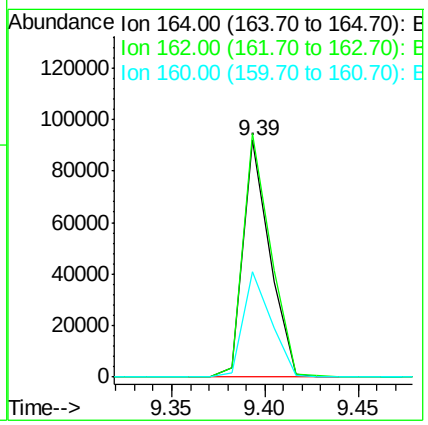
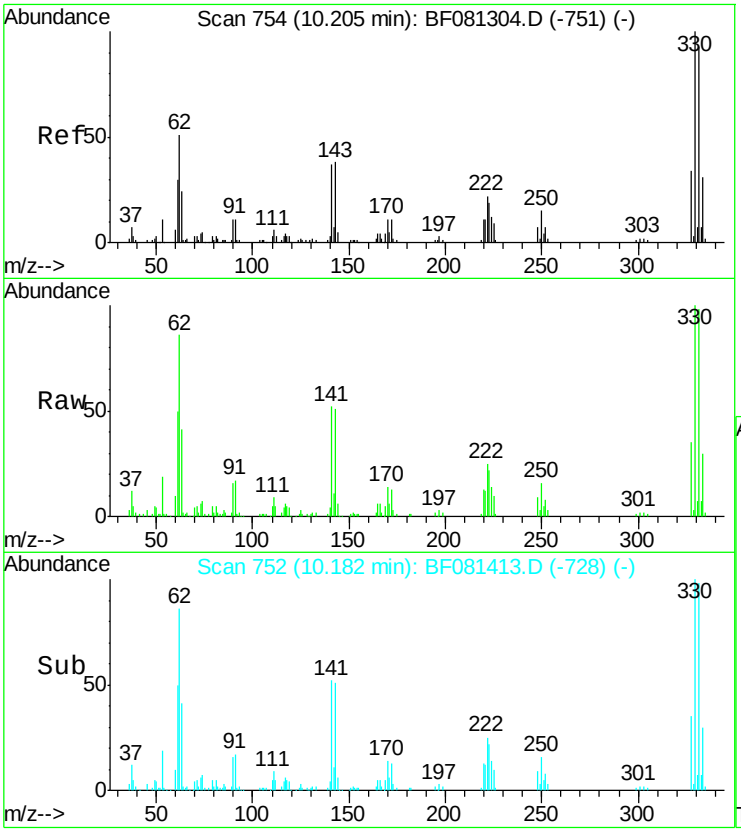


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:164 Resp: 91229

Ion	Ratio	Lower	Upper
164	100		
162	102.9	75.2	112.8
160	44.7	31.5	47.3

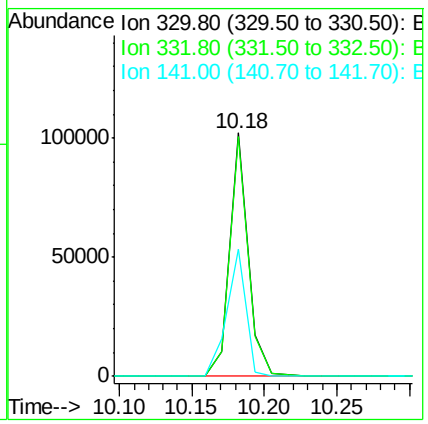




#41
2,4,6-Tribromophenol
Concen: 111.66 ng
RT: 10.18 min Scan# 752
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:330 Resp: 90699

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.6	114.8
141	54.1	29.7	44.5#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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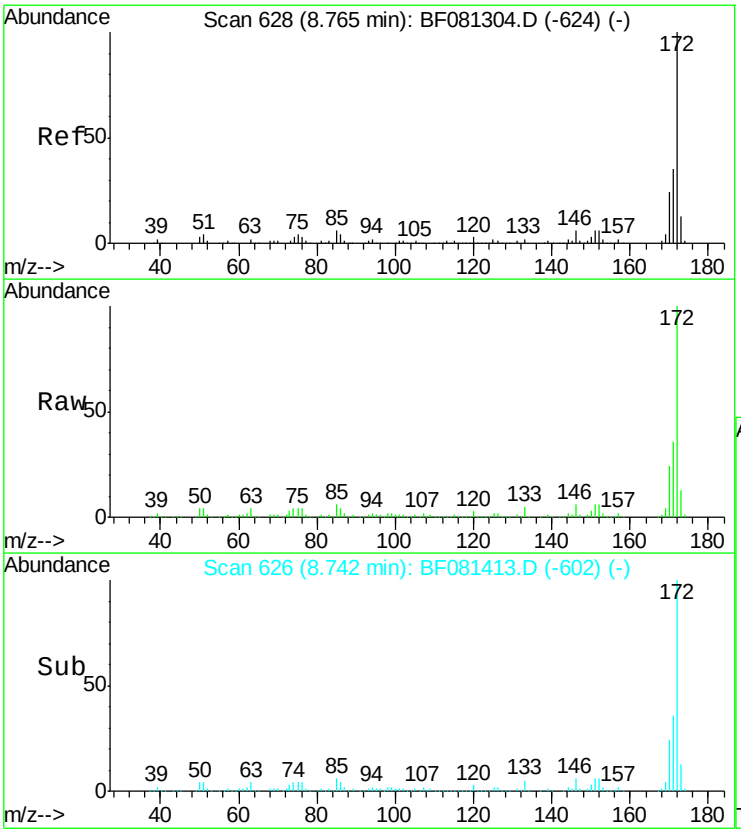
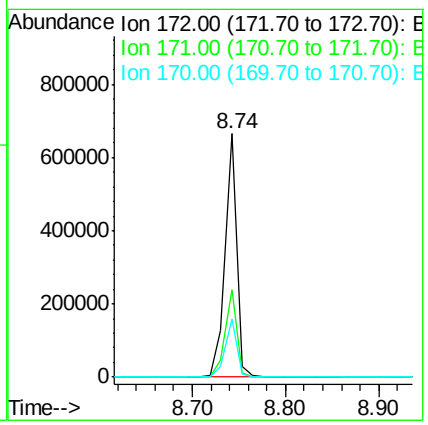
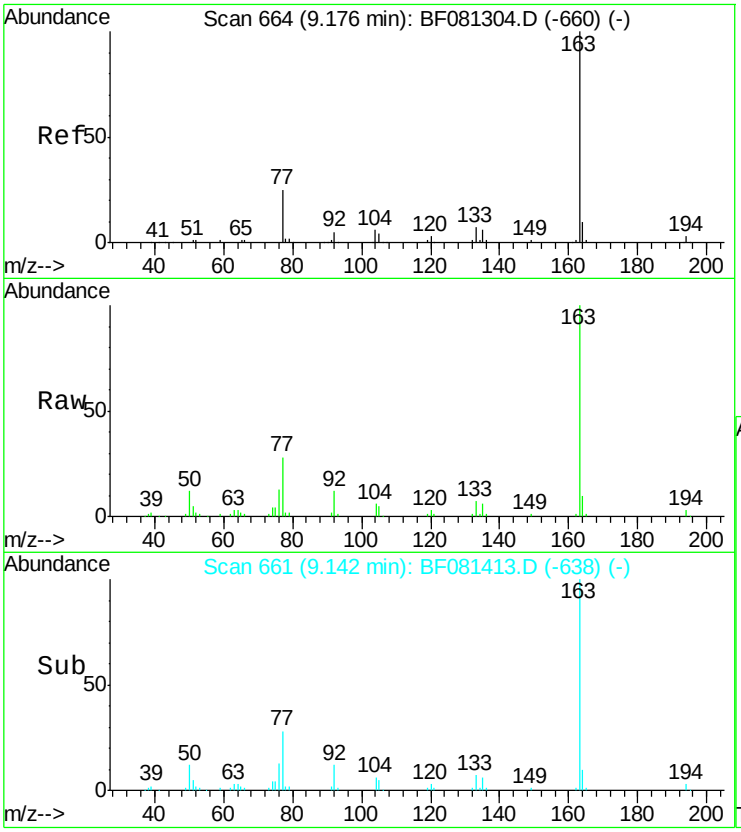


#44
2-Fluorobiphenyl
Concen: 80.62 ng
RT: 8.74 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:172 Resp: 573966

Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	23.8	17.4	26.2

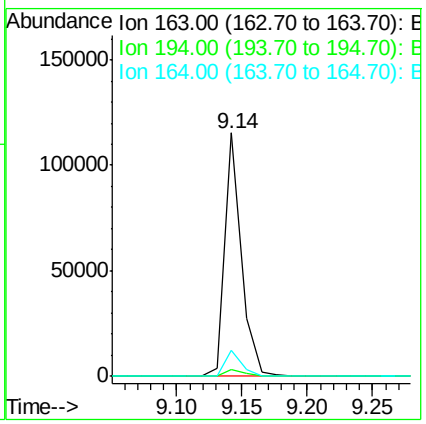




#49
Dimethylphthalate
Concen: 14.54 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:163 Resp: 103033

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.4	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

Manual Integrations APPROVED
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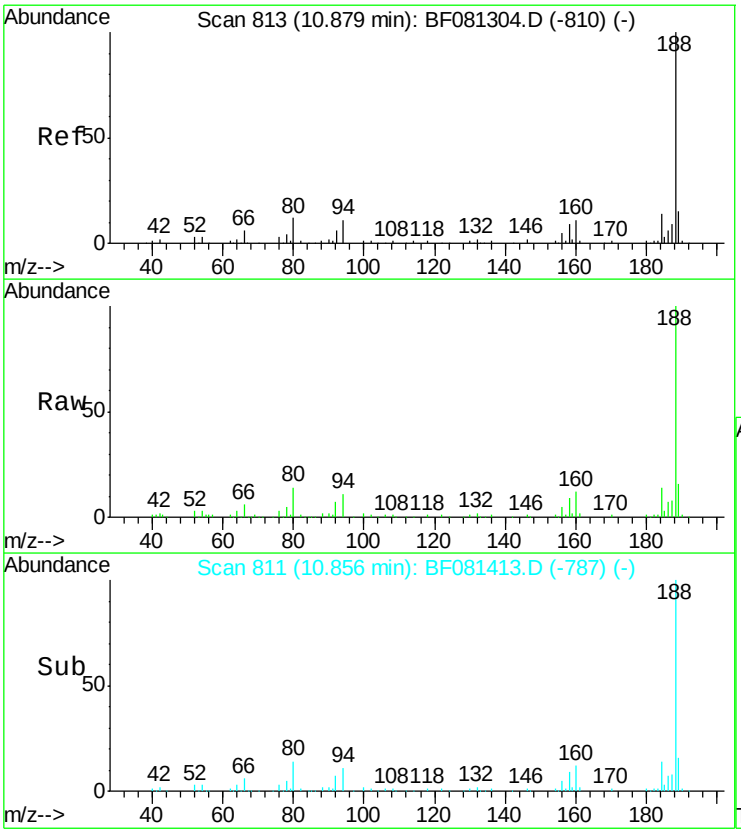
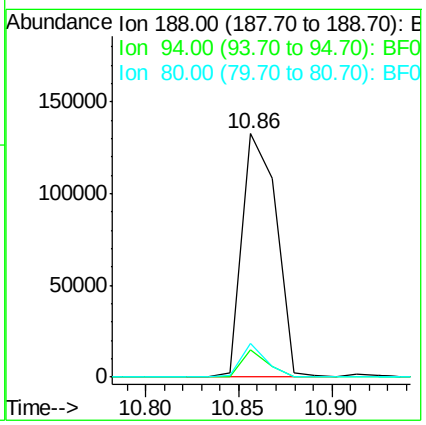
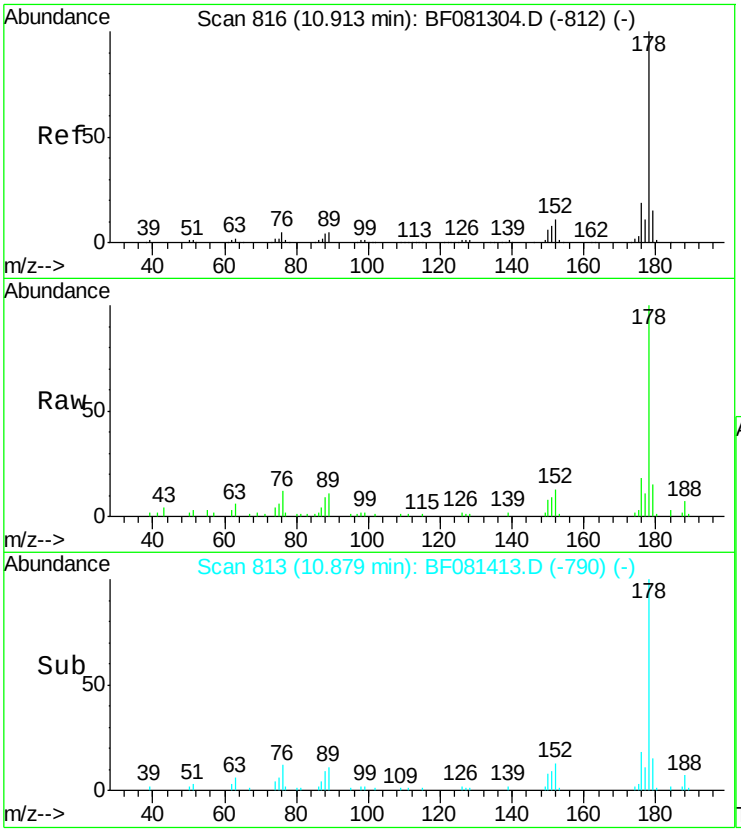


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.86 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:188 Resp: 169005

Ion	Ratio	Lower	Upper
188	100		
94	11.2	11.1	16.7
80	13.8	11.0	16.4

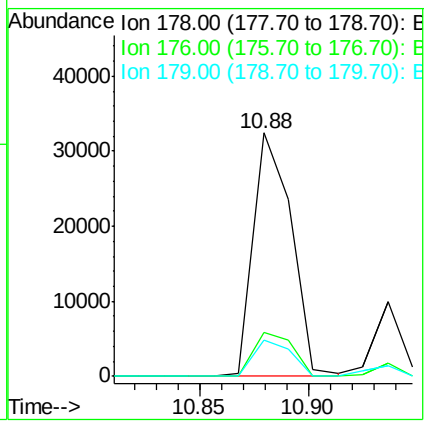




#70
Phenanthrene
Concen: 4.21 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:178 Resp: 39521

Ion	Ratio	Lower	Upper
178	100		
176	18.1	13.8	20.8
179	15.0	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

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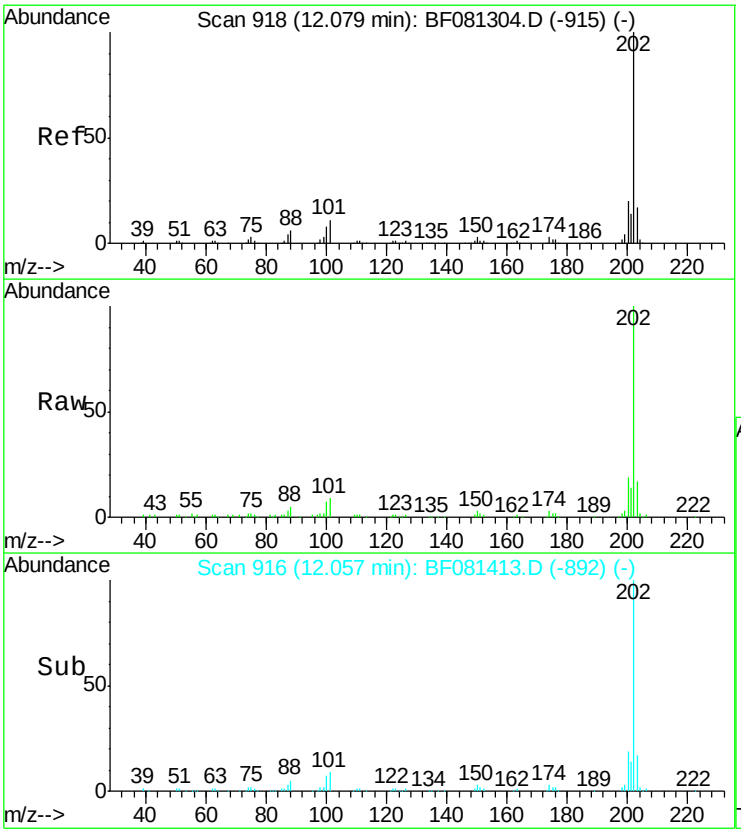
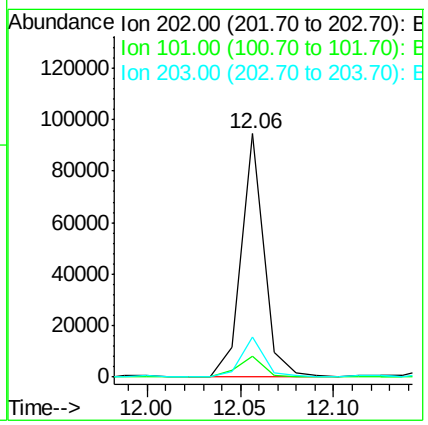
9/4/2015 2:52:05 PM

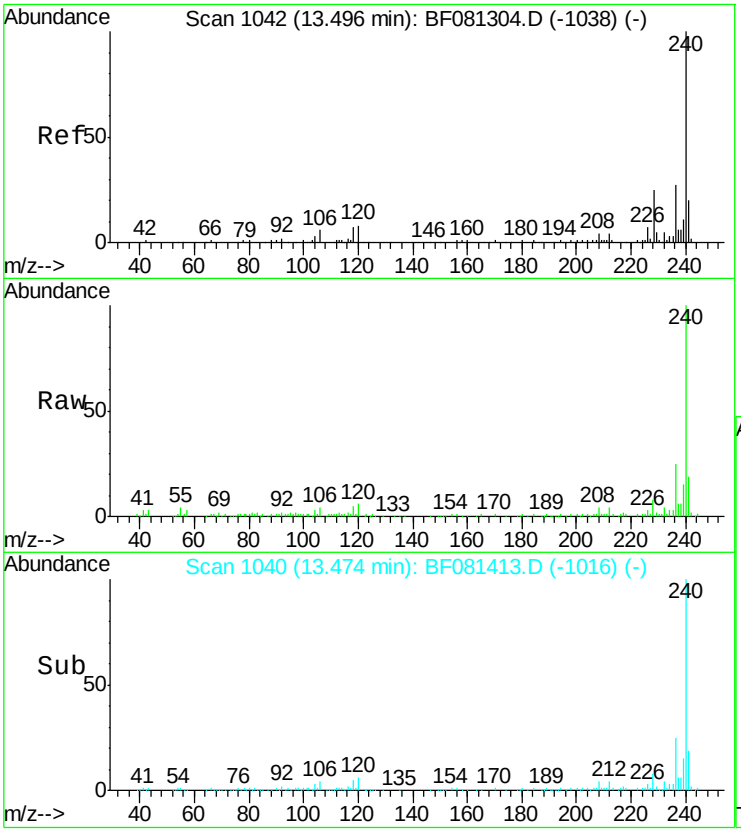


#74
Fluoranthene
Concen: 7.93 ng
RT: 12.06 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:202 Resp: 80709

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	38.3
203	16.7	0.0	37.3

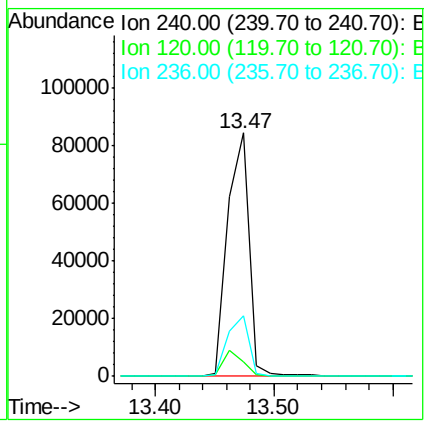




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.47 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

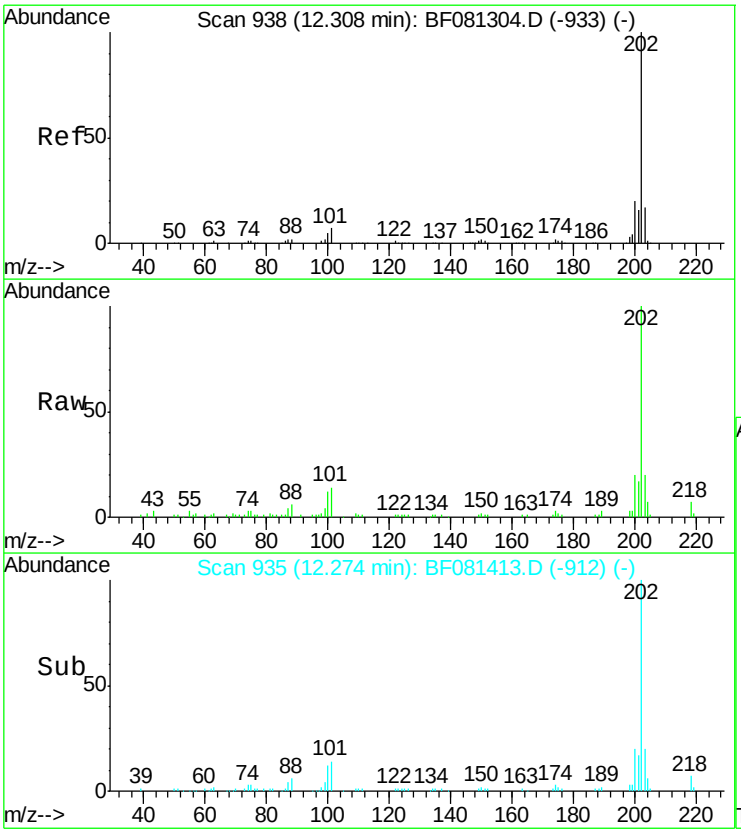
Tgt Ion:240 Resp: 105749

Ion	Ratio	Lower	Upper
240	100		
120	6.2	16.2	24.2#
236	24.7	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

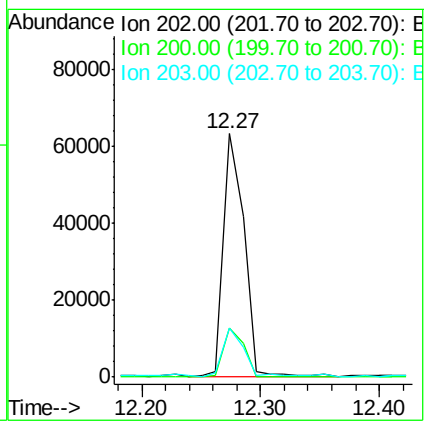
Manual Integrations APPROVED
MMDadoda
9/4/2015 2:52:05 PM

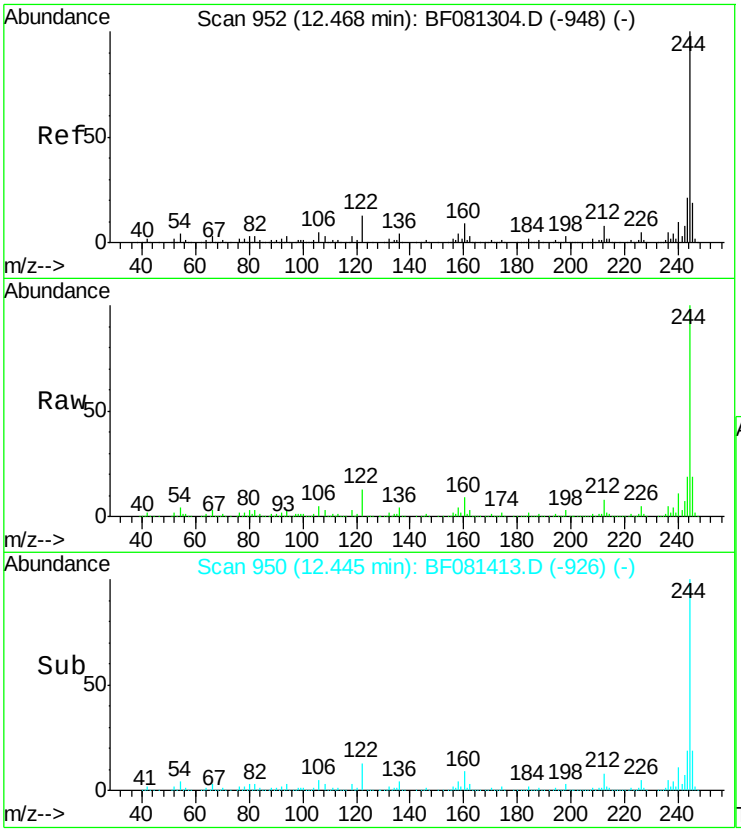


#77
Pyrene
Concen: 9.74 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.03 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:202 Resp: 76321

Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.0	22.4
203	20.2	14.1	21.1

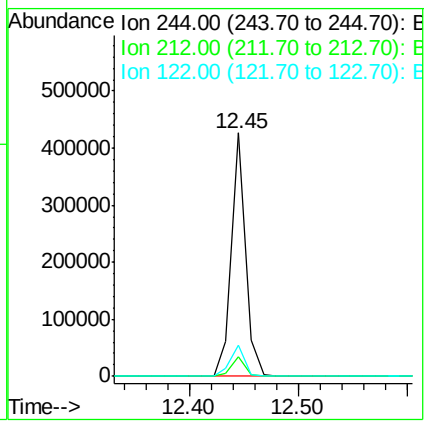




#78
Terphenyl-d14
Concen: 83.78 ng
RT: 12.45 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

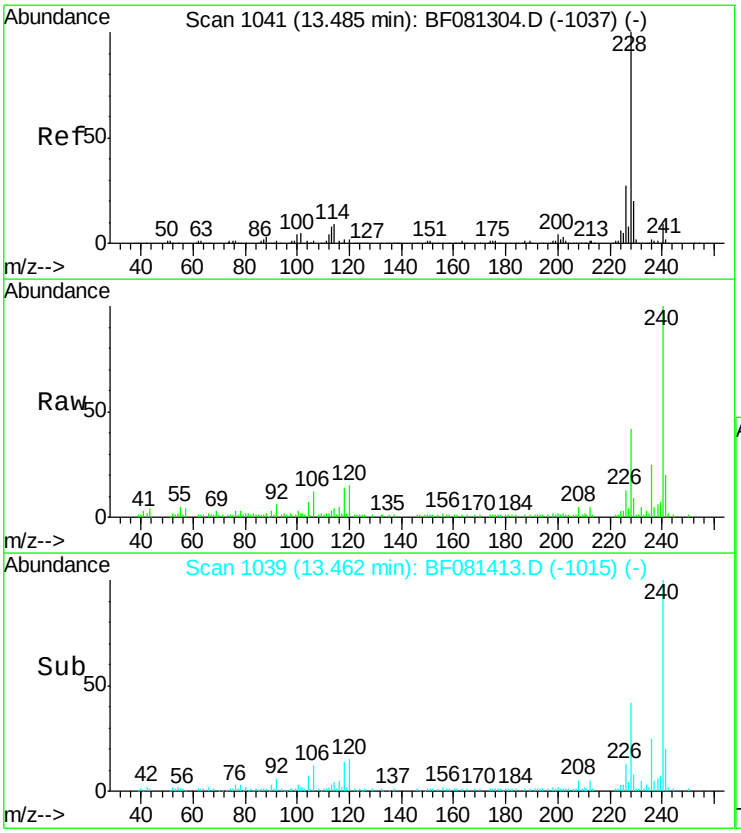
Tgt Ion:244 Resp: 380592

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.5	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

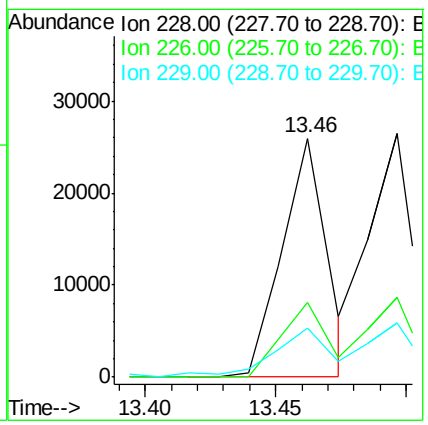
Manual Integrations APPROVED
MMDadoda
9/4/2015 2:52:05 PM

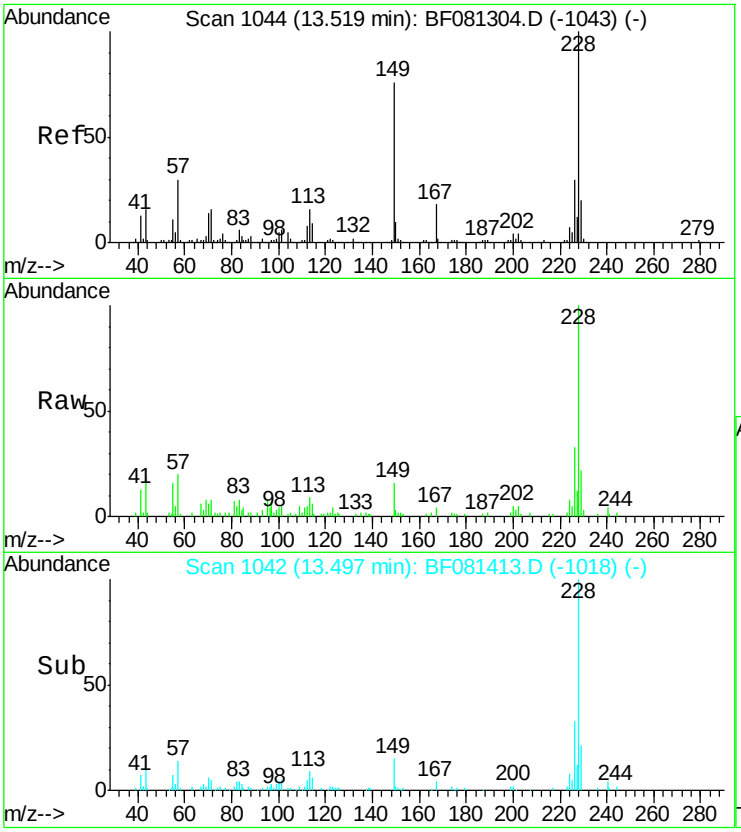


#80
Benzo(a)anthracene
Concen: 4.59 ng
RT: 13.46 min Scan# 1039
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:228 Resp: 30919

Ion	Ratio	Lower	Upper
228	100		
226	31.2	20.0	30.0#
229	20.5	15.4	23.2





#82
Chrysene
Concen: 5.17 ng m
RT: 13.50 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:228 Resp: 31214

Ion	Ratio	Lower	Upper
228	100		
226	32.6	21.0	31.4#
229	22.5	15.6	23.4

Instrument :
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ClientSampleId :
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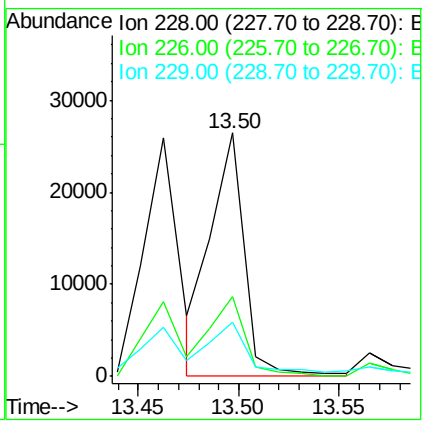
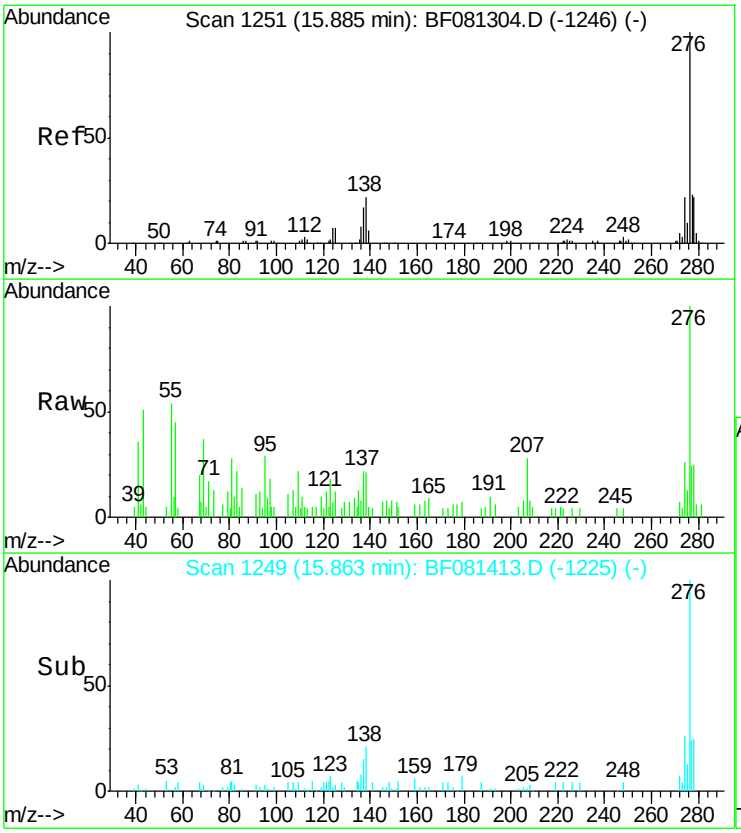
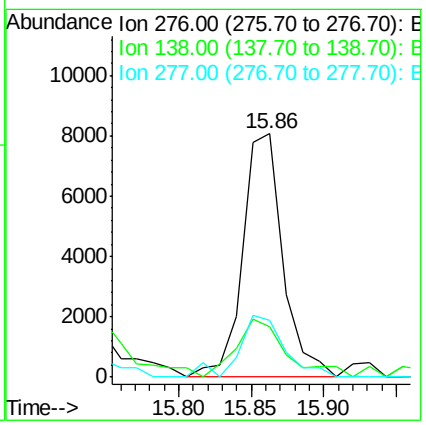


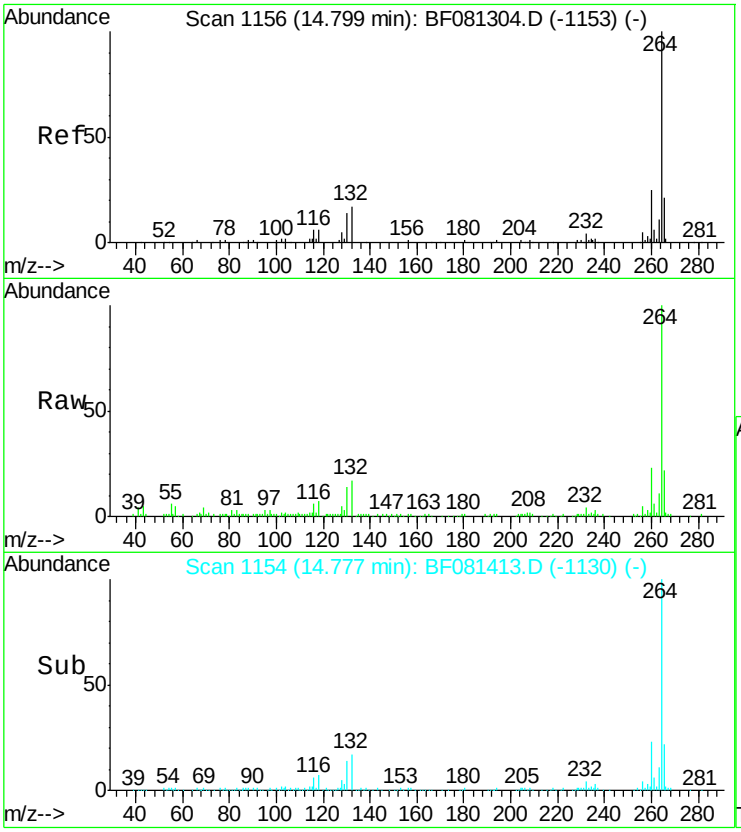


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.50 ng
RT: 15.86 min Scan# 1249
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:276 Resp: 15505

Ion	Ratio	Lower	Upper
276	100		
138	30.0	25.7	38.5
277	28.6	15.6	23.4#

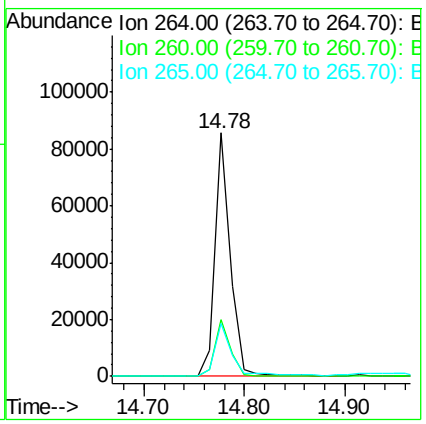




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.78 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:264 Resp: 91241

Ion	Ratio	Lower	Upper
264	100		
260	23.3	16.7	25.1
265	21.9	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

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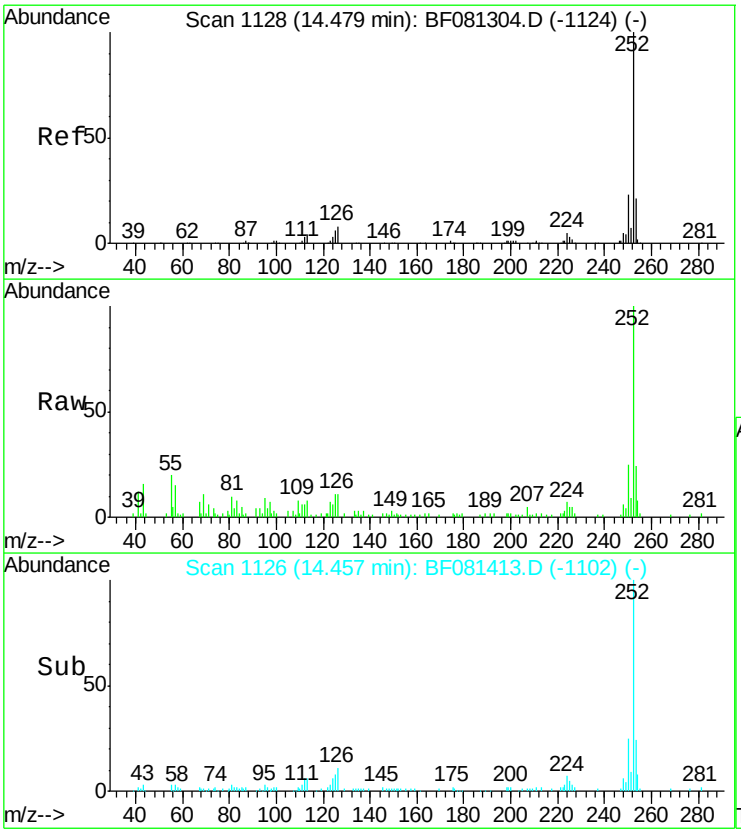
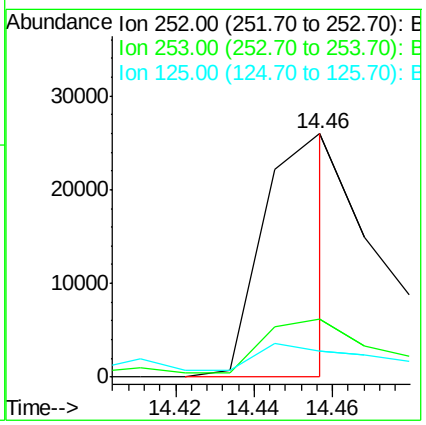
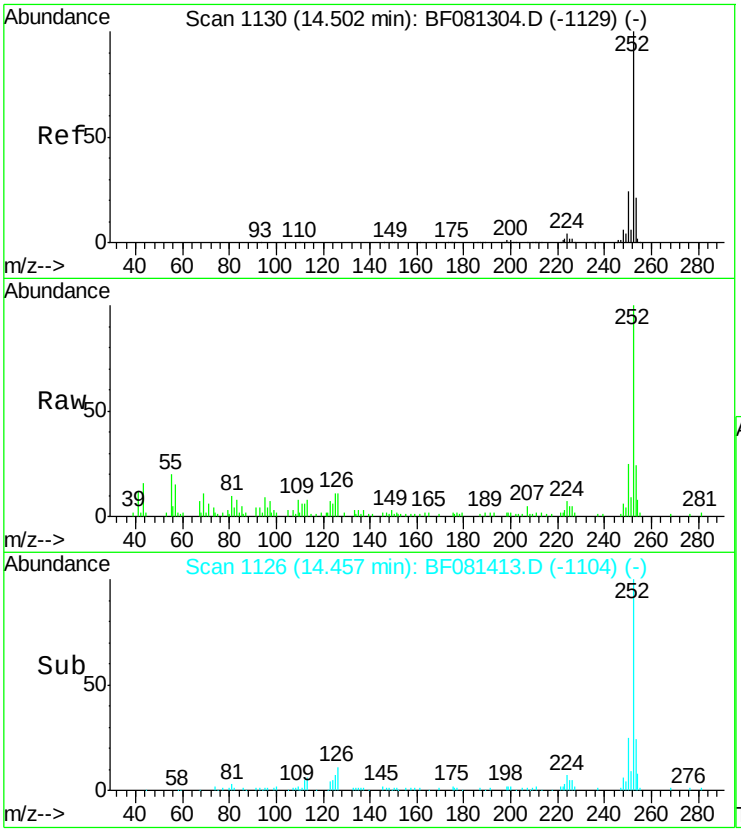


#87
Benzo(b)fluoranthene
Concen: 5.15 ng m
RT: 14.46 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:252 Resp: 33533

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	10.6	17.1	25.7#

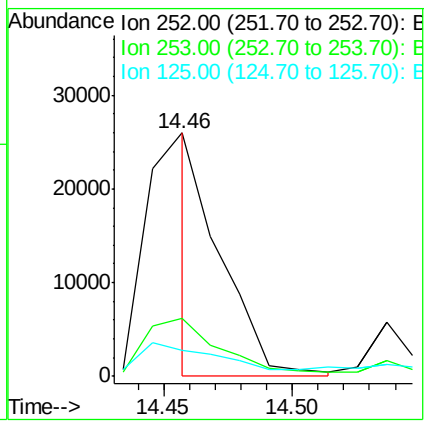




#88
Benzo(k)fluoranthene
Concen: 3.31 ng m
RT: 14.46 min Scan# 1126
Delta R.T. -0.05 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:252 Resp: 17870

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.0	25.4
125	10.6	16.0	24.0#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

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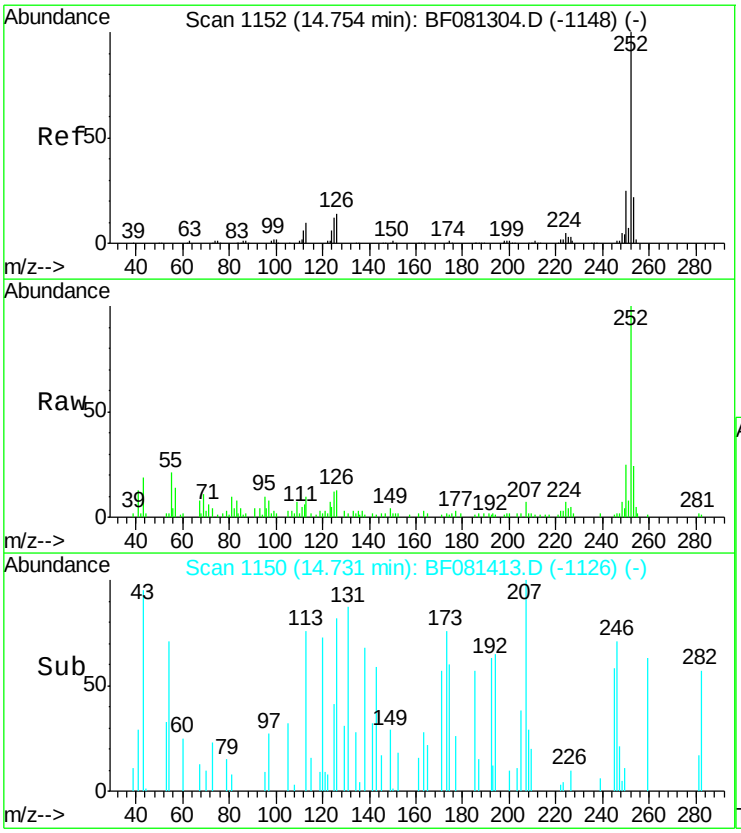
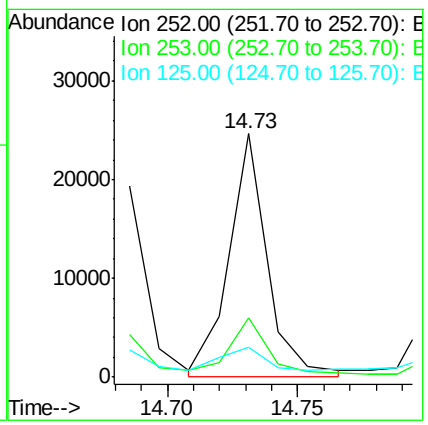
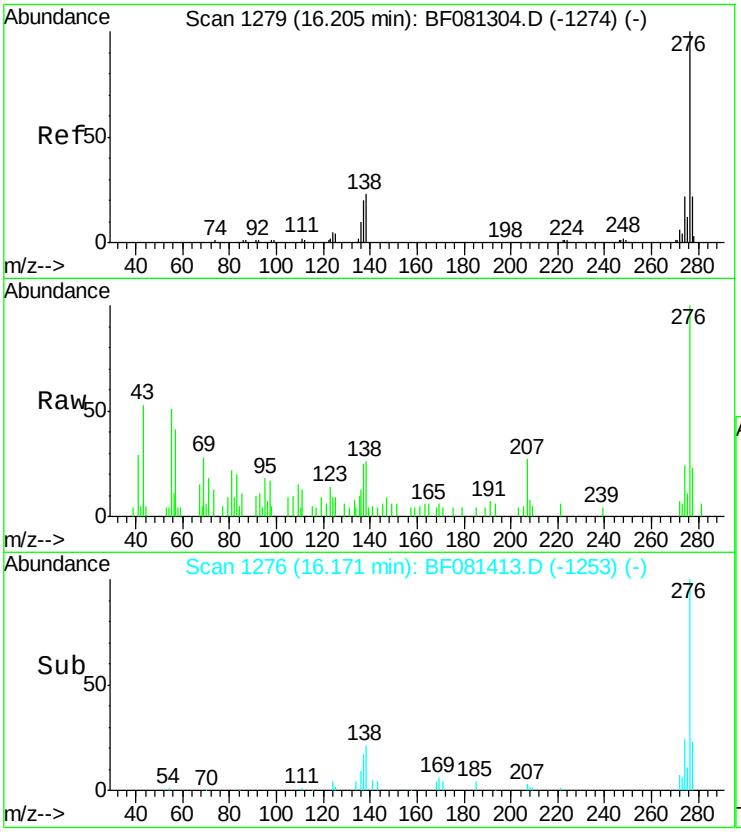


#89
Benzo(a)pyrene
Concen: 4.61 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.02 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:252 Resp: 25440

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.2	25.8
125	12.1	18.0	27.0#

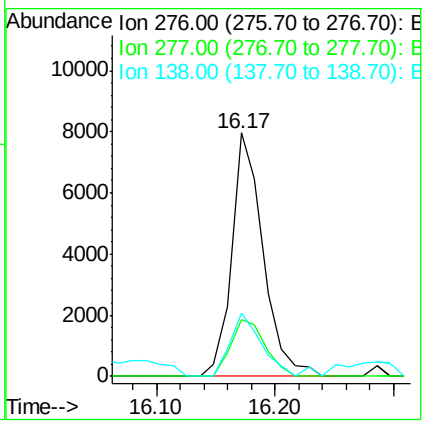




#91
Benzo(g,h,i)perylene
Concen: 3.59 ng
RT: 16.17 min Scan# 1276
Delta R.T. -0.03 min
Lab File: BF081413.D
Acq: 4 Sep 2015 10:28

Tgt Ion:276 Resp: 14607

Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	25.7	34.6	51.8#



Instrument :
BNA_F
ClientSampleId :
P005-TS01-01

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