Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080224.D
Acq On : 30 Jun 2015 1:46
Operator : TP/IZ
Sample : G2817-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:18:44 PM

Quant Time: Jun 30 05:10:37 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 23 00:53:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	29355	20.00	ng		-0.03
21) Naphthalene-d8	8.58	136	113167	20.00	ng		-0.03
38) Acenaphthene-d10	10.36	164	59630	20.00	ng		-0.03
63) Phenanthrene-d10	11.86	188	120275	20.00	ng		-0.05
75) Chrysene-d12	14.80	240	132263	20.00	ng		-0.19
86) Perylene-d12	16.67	264	131355	20.00	ng		-0.26
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	254213	153.30	ng		-0.02
7) Phenol-d6	6.90	99	353441	160.16	ng		-0.02
23) Nitrobenzene-d5	7.85	82	210541	108.31	ng		-0.02
41) 2,4,6-Tribromophenol	11.16	330	85672	146.93	ng		-0.02
44) 2-Fluorobiphenyl	9.66	172	372328	89.04	ng		-0.03
78) Terphenyl-d14	13.55	244	455216	80.38	ng		-0.13
Target Compounds							Qvalue
49) Dimethylphthalate	10.05	163	64464	14.38	ng	#	97
70) Phenanthrene	11.89	178	49571	6.81	ng		98
74) Fluoranthene	13.15	202	83018	10.70	ng		86
77) Pyrene	13.40	202	71246	8.75	ng		97
80) Benzo(a)anthracene	14.79	228	40493	5.03	ng		94
82) Chrysene	14.84	228	31998	4.31	ng		93
85) Indeno(1,2,3-cd)pyrene	18.49	276	21054	2.25	ng	#	85
87) Benzo(b)fluoranthene	16.13	252	41946m	5.27	ng		
89) Benzo(a)pyrene	16.59	252	32009	4.24	ng	#	86
91) Benzo(g,h,i)perylene	19.04	276	19364	2.48	ng	#	74

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
Data File : BF080224.D
Acq On : 30 Jun 2015 1:46
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Sample : G2817-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 30 05:10:37 2015
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Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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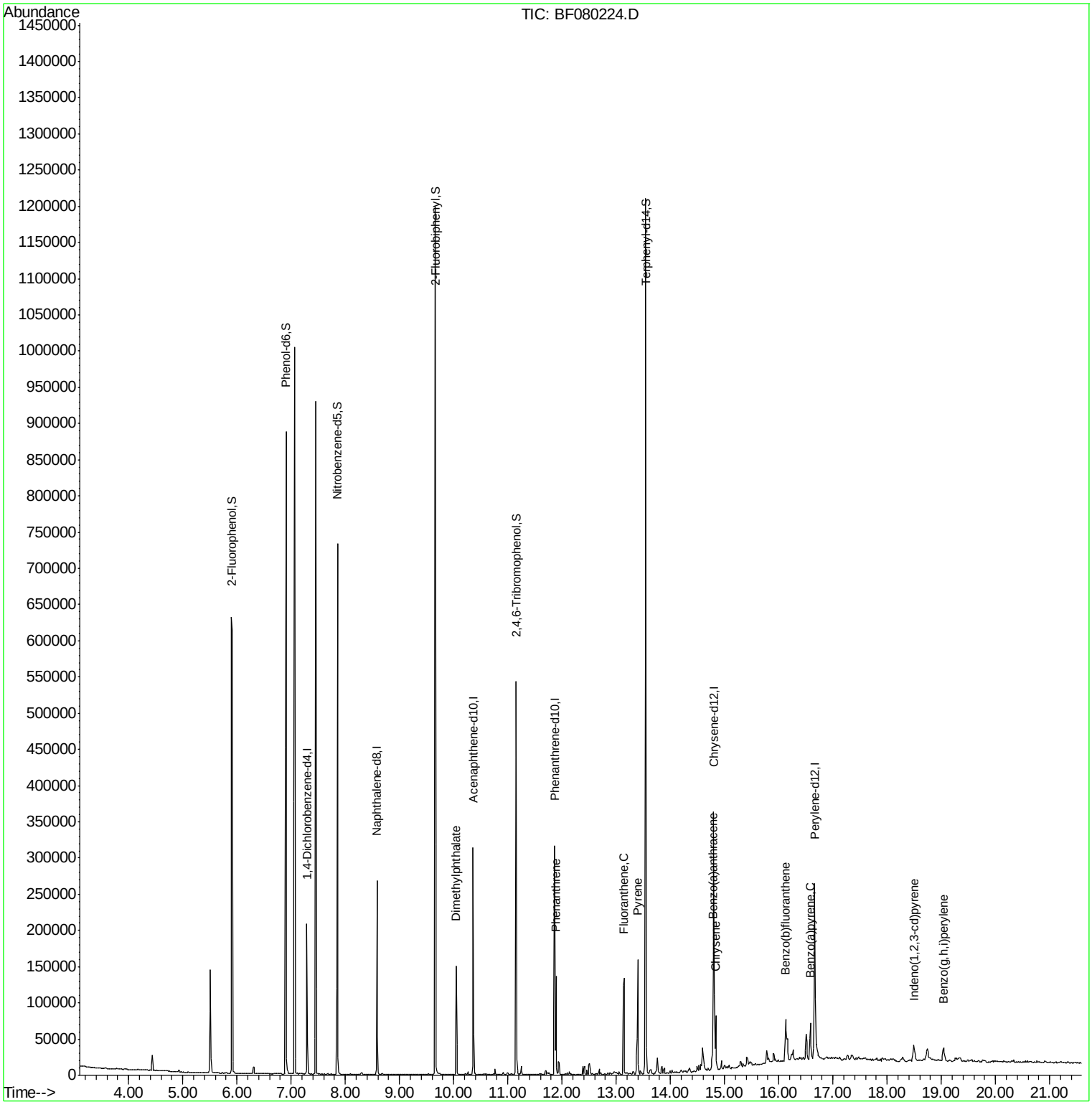
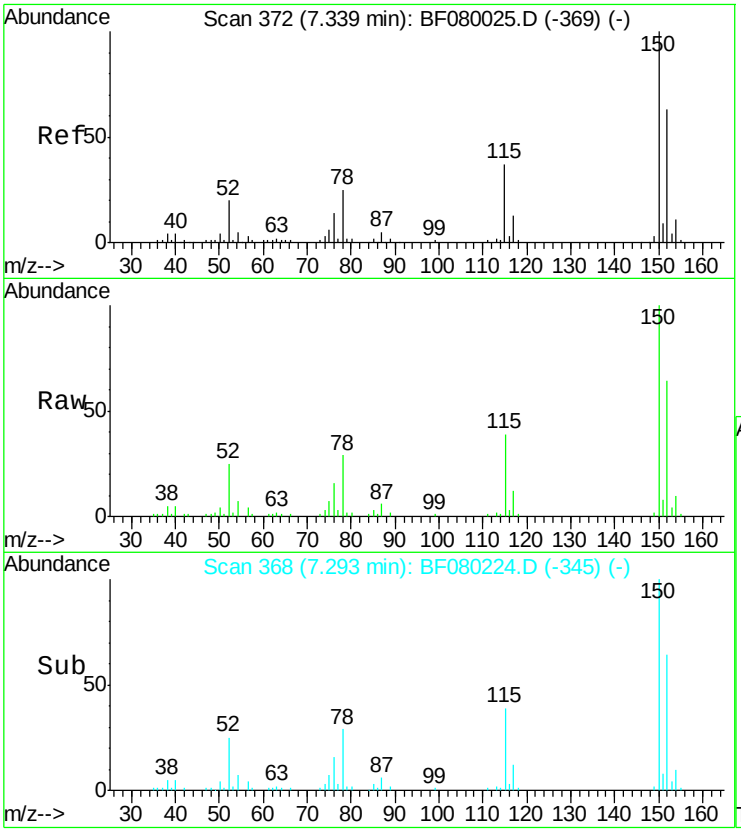
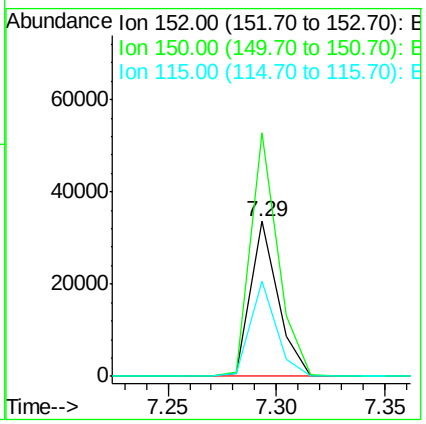




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. -0.03 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:152 Resp: 29355

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.7	187.1
115	61.5	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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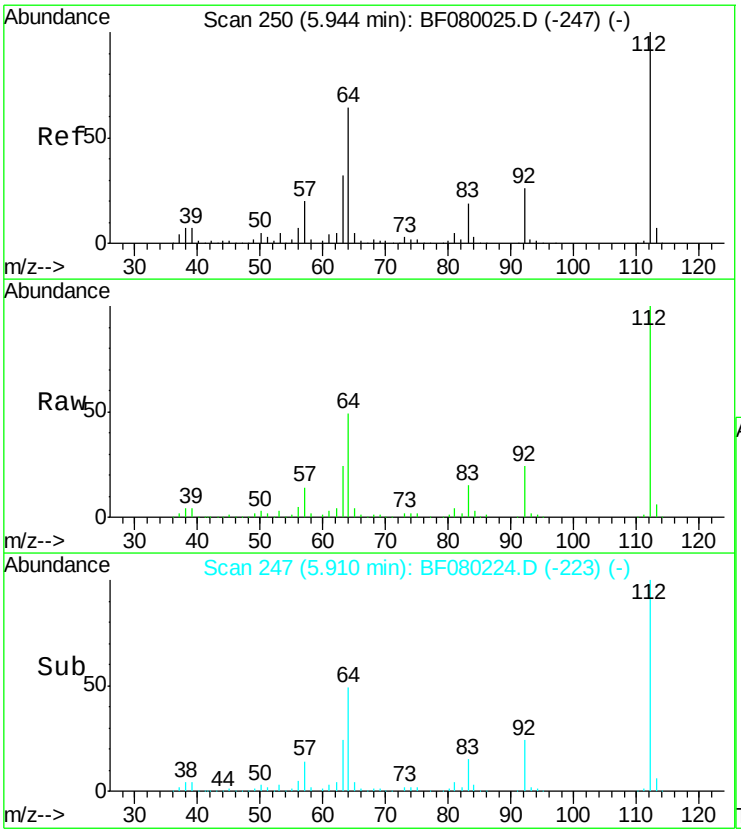
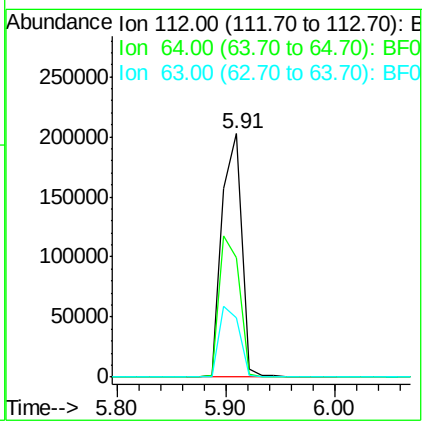
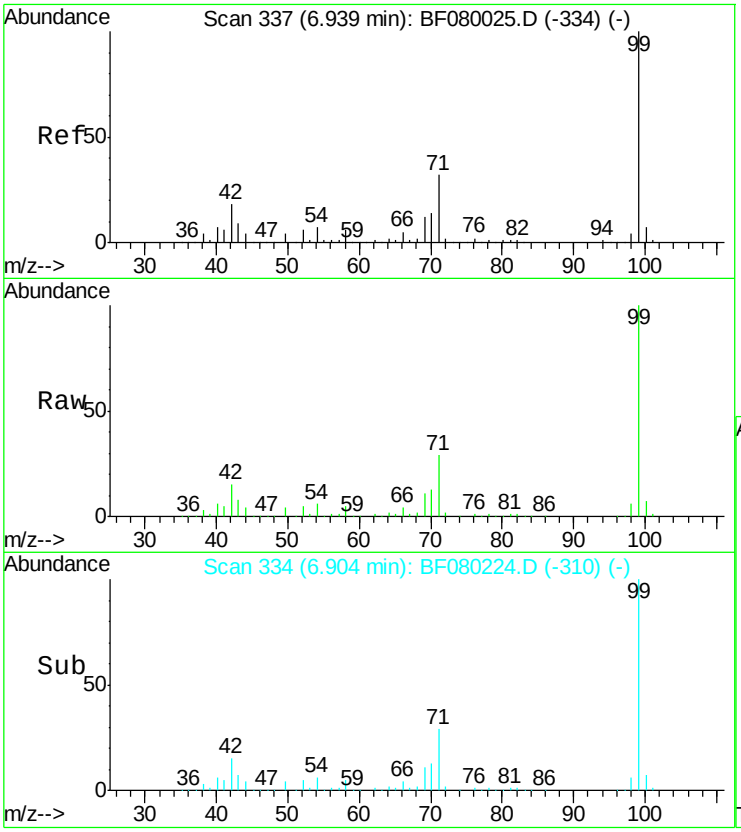


#5
2-Fluorophenol
Concen: 153.30 ng
RT: 5.91 min Scan# 247
Delta R.T. -0.02 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:112 Resp: 254213

Ion	Ratio	Lower	Upper
112	100		
64	49.0	39.7	59.5
63	24.2	17.4	26.0

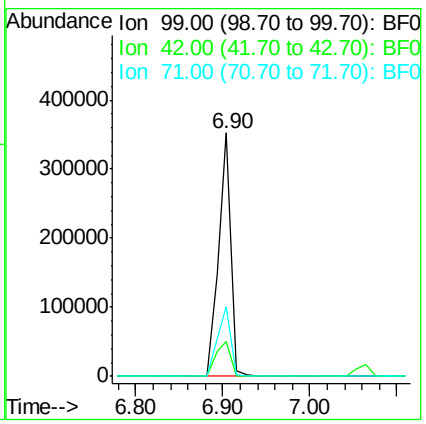




#7
Phenol-d6
Concen: 160.16 ng
RT: 6.90 min Scan# 334
Delta R.T. -0.02 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion: 99 Resp: 353441

Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.7	20.5
71	28.7	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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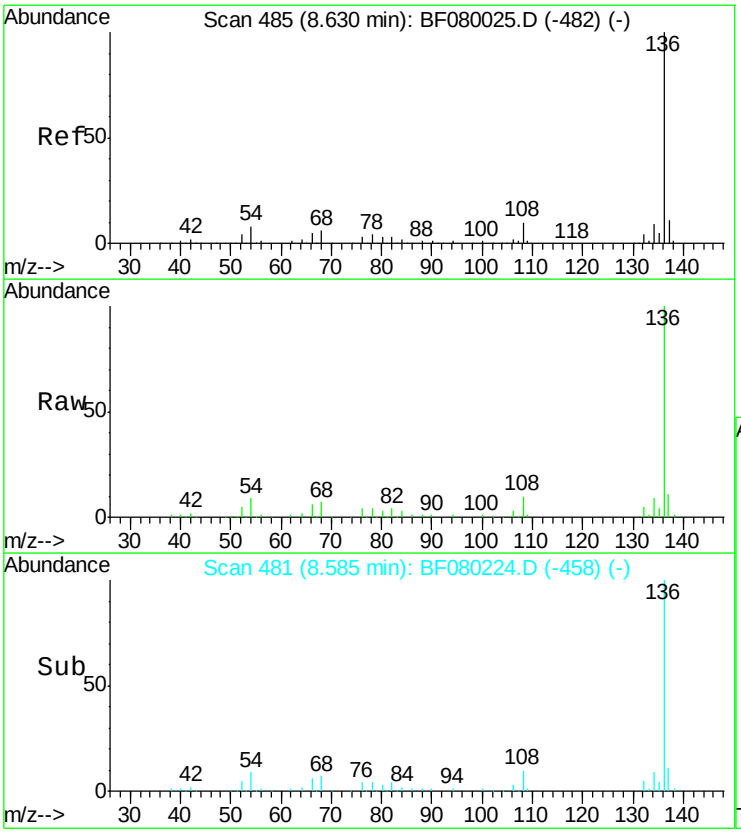
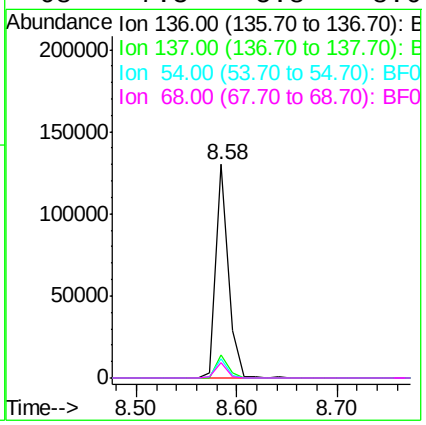
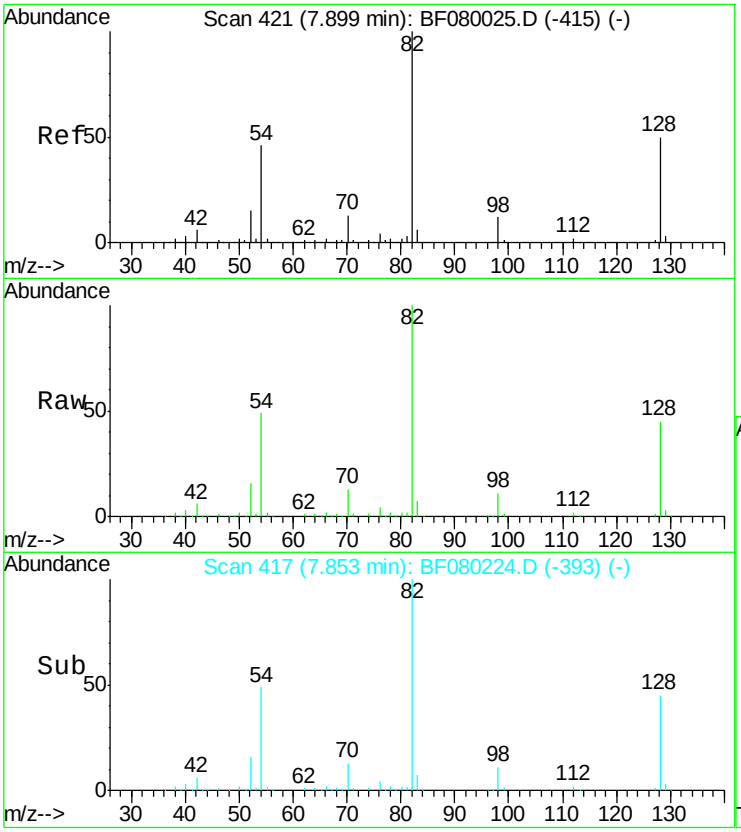


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:136 Resp: 113167

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.2	8.2	12.2
68	7.3	5.8	8.6

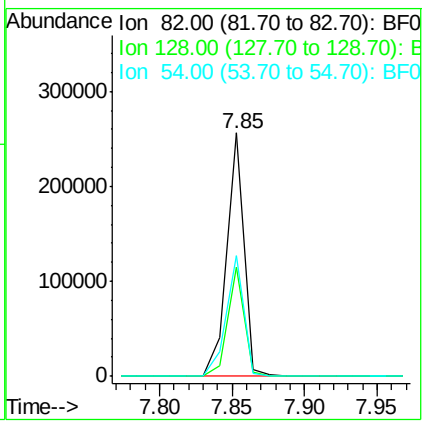




#23
Nitrobenzene-d5
Concen: 108.31 ng
RT: 7.85 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion: 82 Resp: 210541

Ion	Ratio	Lower	Upper
82	100		
128	44.9	51.0	76.6#
54	49.4	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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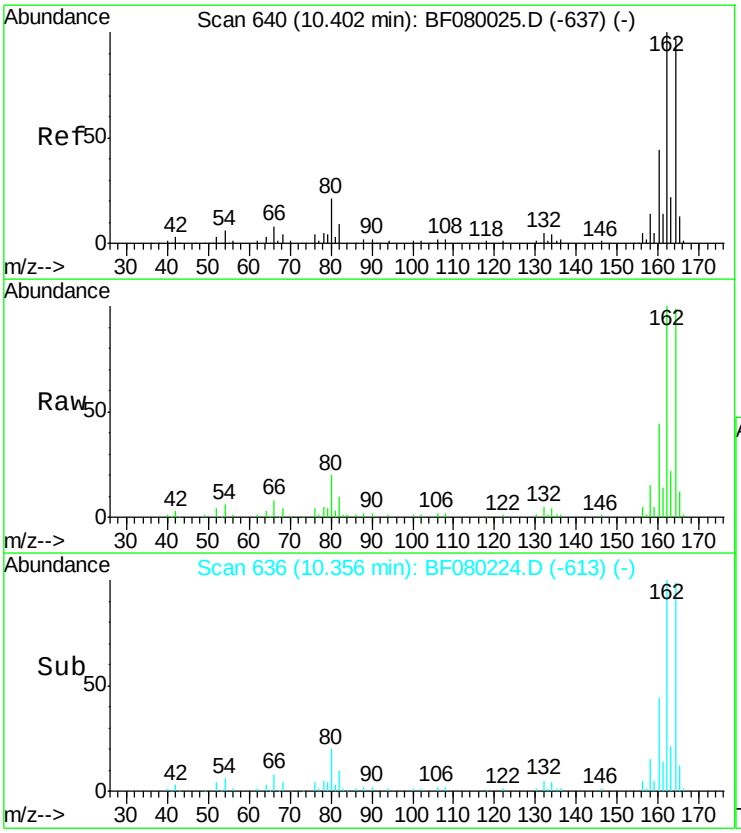
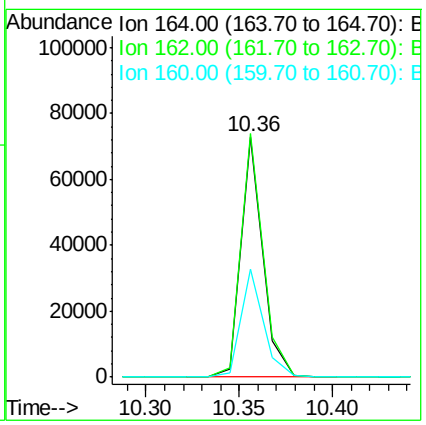
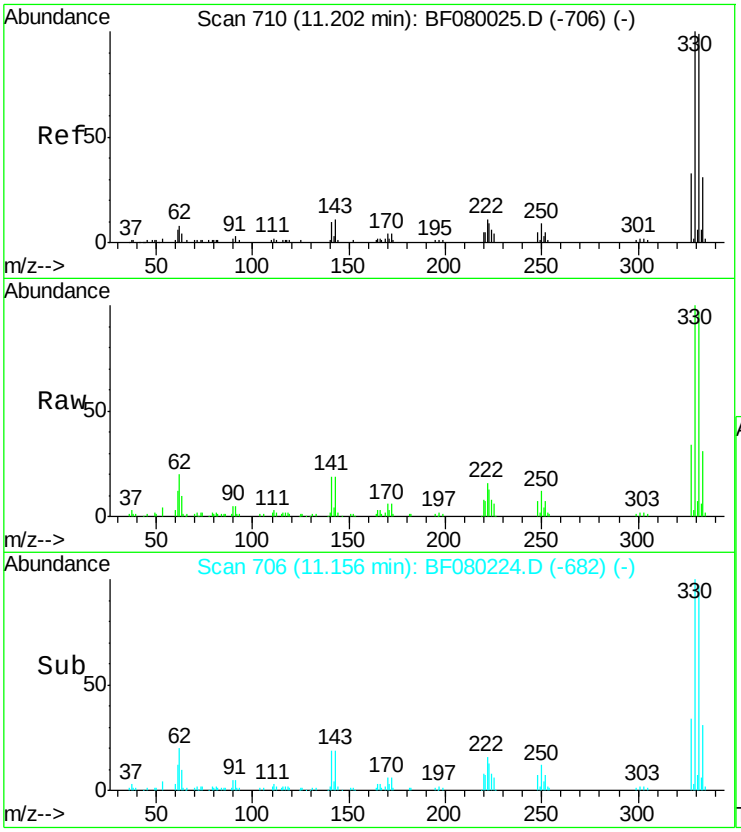


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.36 min Scan# 636
Delta R.T. -0.03 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:164 Resp: 59630

Ion	Ratio	Lower	Upper
164	100		
162	101.3	75.2	112.8
160	45.0	31.5	47.3

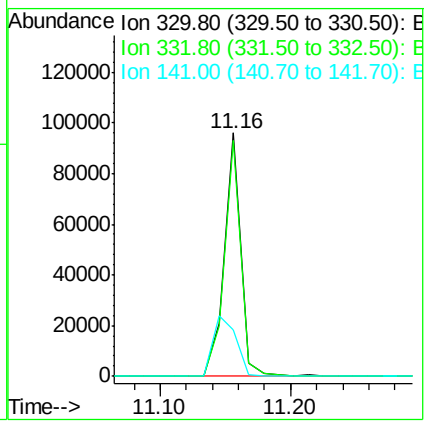




#41
2,4,6-Tribromophenol
Concen: 146.93 ng
RT: 11.16 min Scan# 706
Delta R.T. -0.02 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:330 Resp: 85672

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	114.8
141	35.1	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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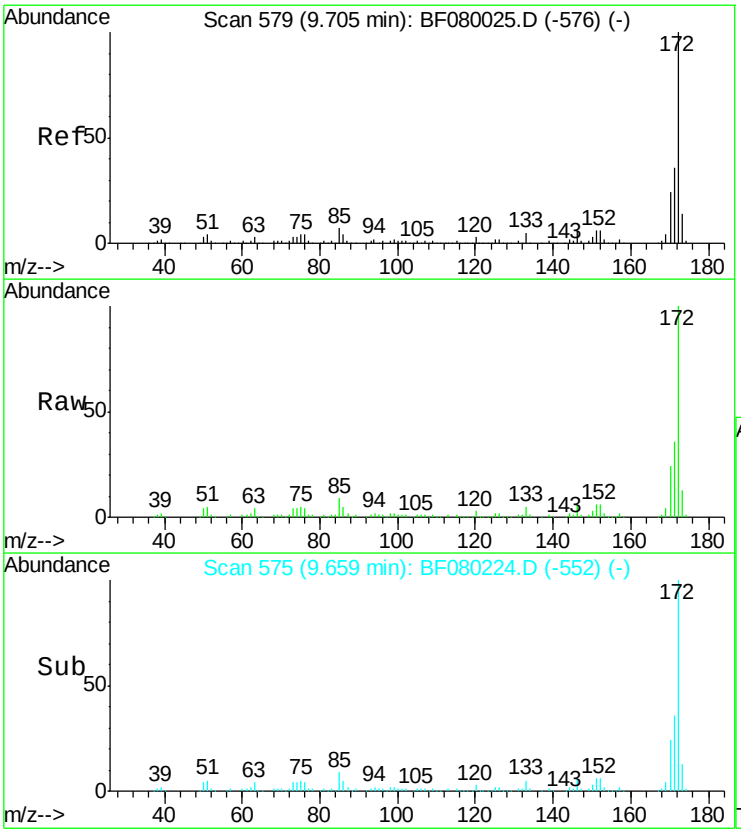
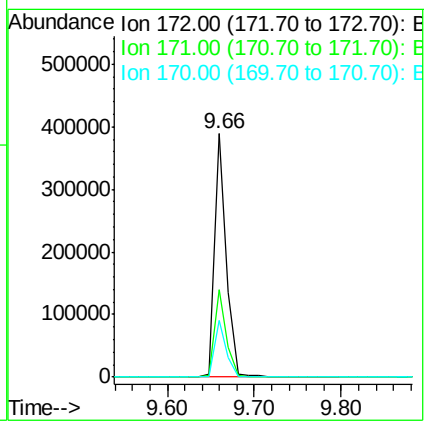
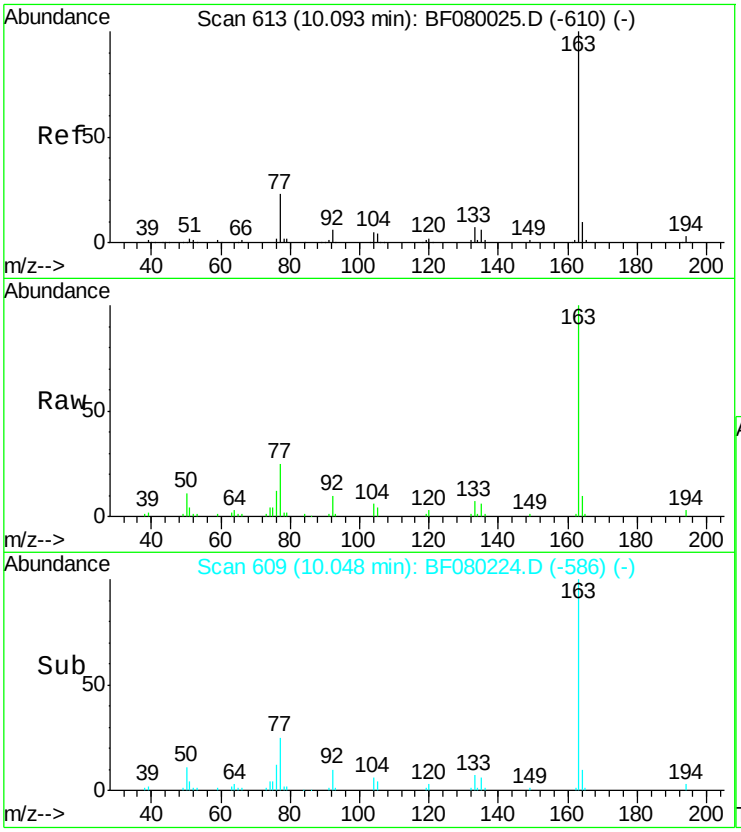


#44
2-Fluorobiphenyl
Concen: 89.04 ng
RT: 9.66 min Scan# 575
Delta R.T. -0.03 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:172 Resp: 372328

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	23.5	17.4	26.2

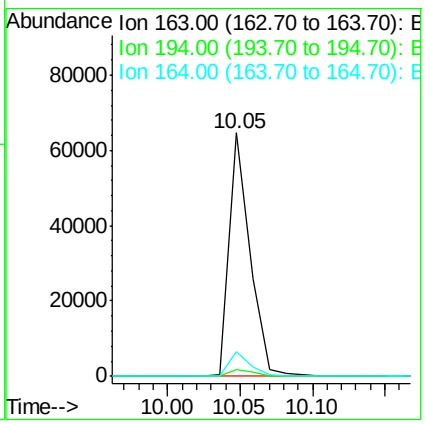




#49
Dimethylphthalate
Concen: 14.38 ng
RT: 10.05 min Scan# 609
Delta R.T. -0.03 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:163 Resp: 64464

Ion	Ratio	Lower	Upper
163	100		
194	3.0	4.4	6.6#
164	10.0	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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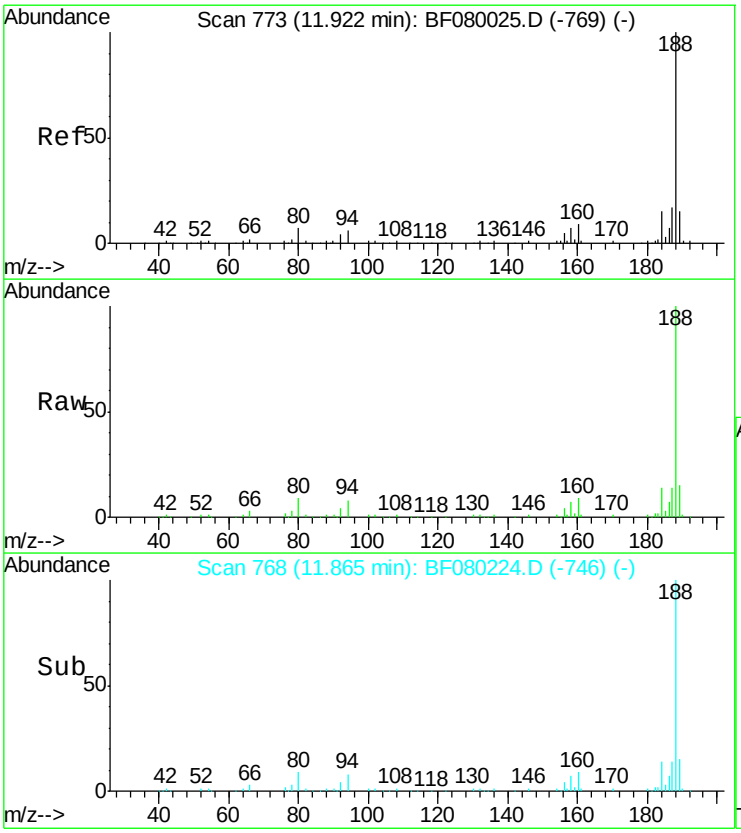
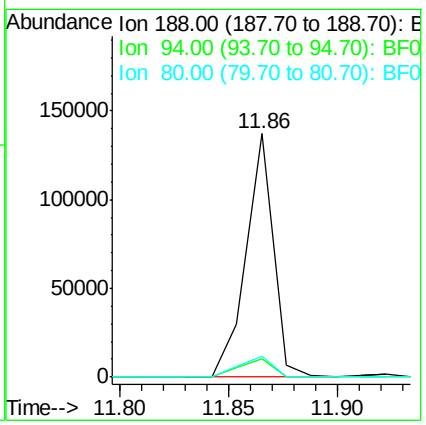
6/30/2015 2:18:44 PM

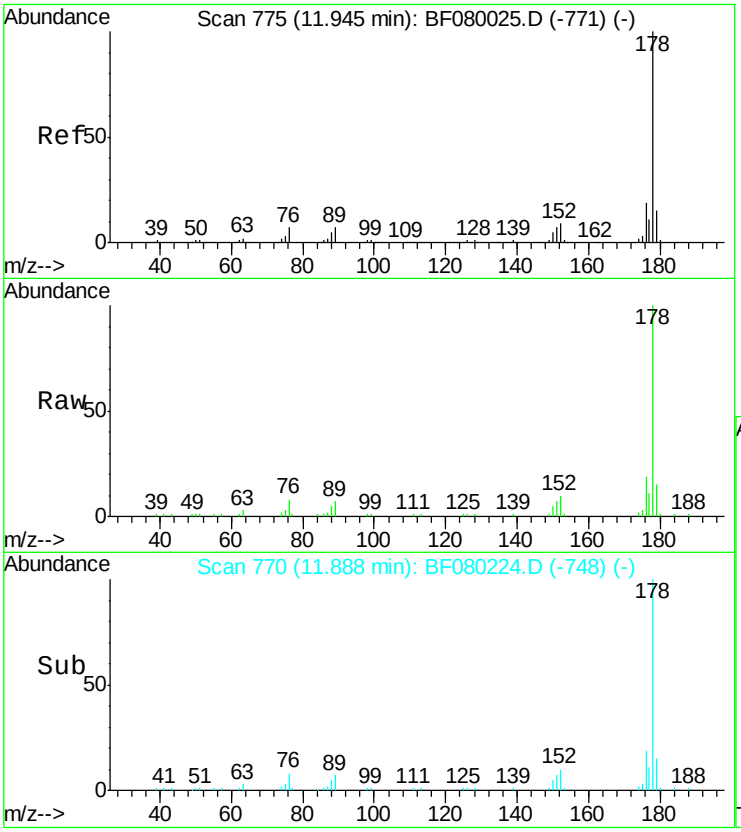


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:188 Resp: 120275

Ion	Ratio	Lower	Upper
188	100		
94	7.8	11.1	16.7#
80	8.5	11.0	16.4#

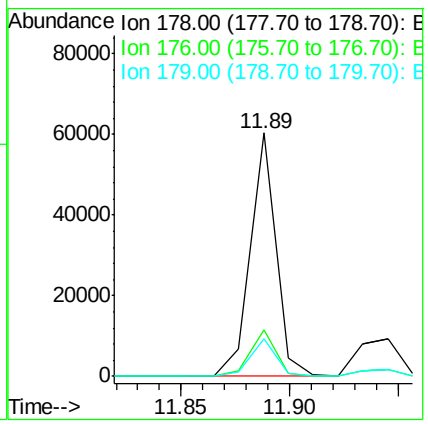




#70
Phenanthrene
Concen: 6.81 ng
RT: 11.89 min Scan# 770
Delta R.T. -0.05 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:178 Resp: 49571

Ion	Ratio	Lower	Upper
178	100		
176	19.1	13.8	20.8
179	15.2	12.2	18.2



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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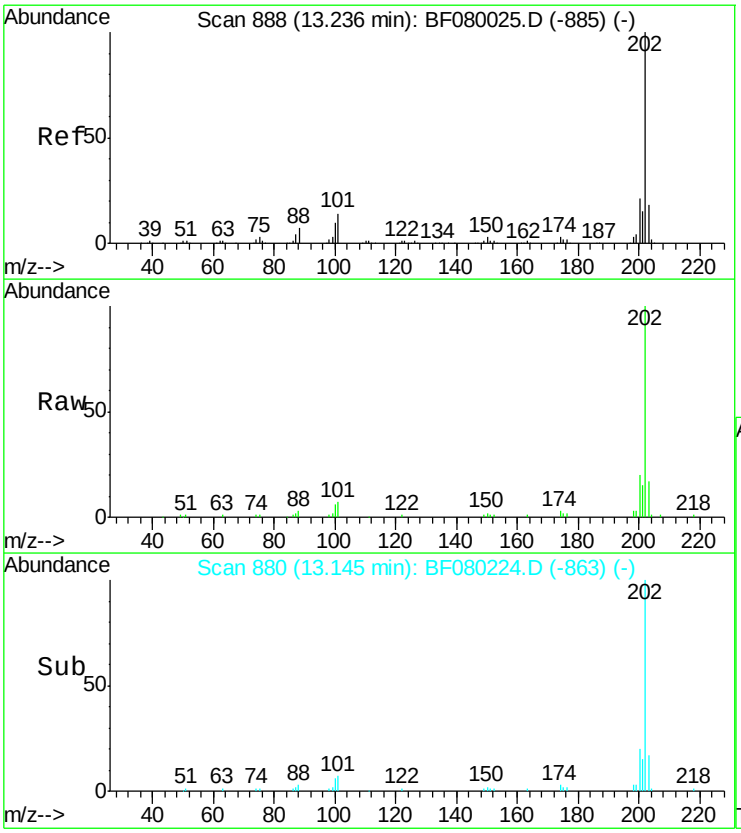
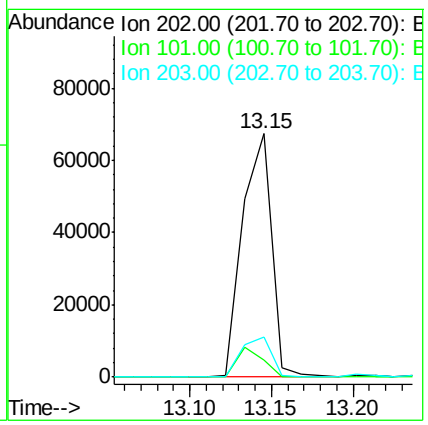
6/30/2015 2:18:44 PM

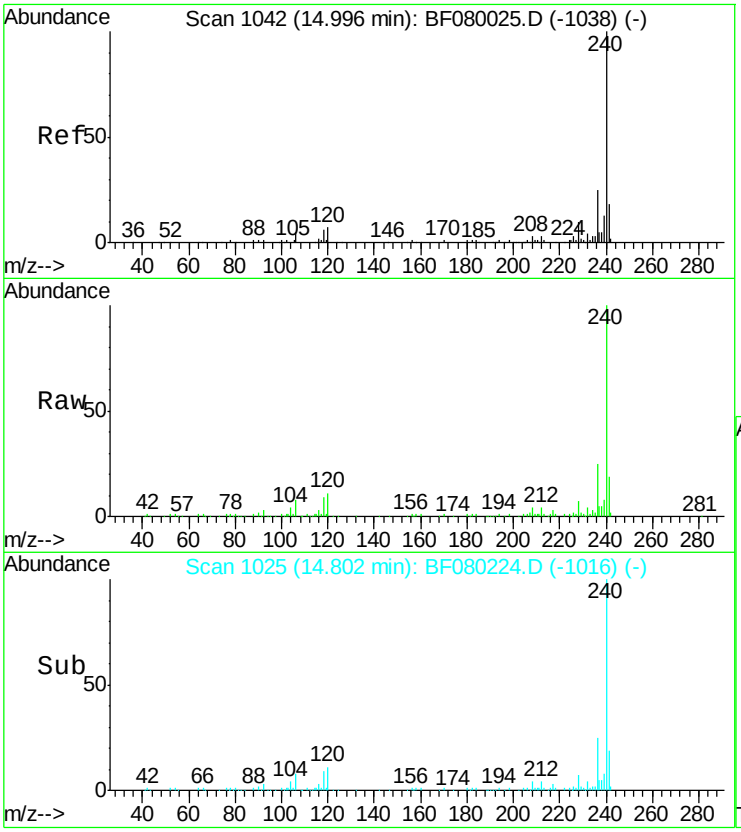


#74
Fluoranthene
Concen: 10.70 ng
RT: 13.15 min Scan# 880
Delta R.T. -0.10 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:202 Resp: 83018

Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	38.3
203	16.7	0.0	37.3

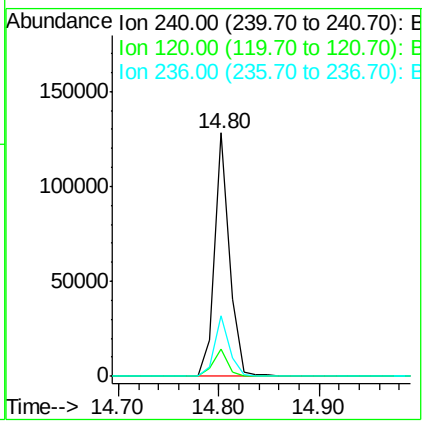




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1025
Delta R.T. -0.19 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:240 Resp: 132263

Ion	Ratio	Lower	Upper
240	100		
120	11.1	16.2	24.2#
236	24.9	18.4	27.6



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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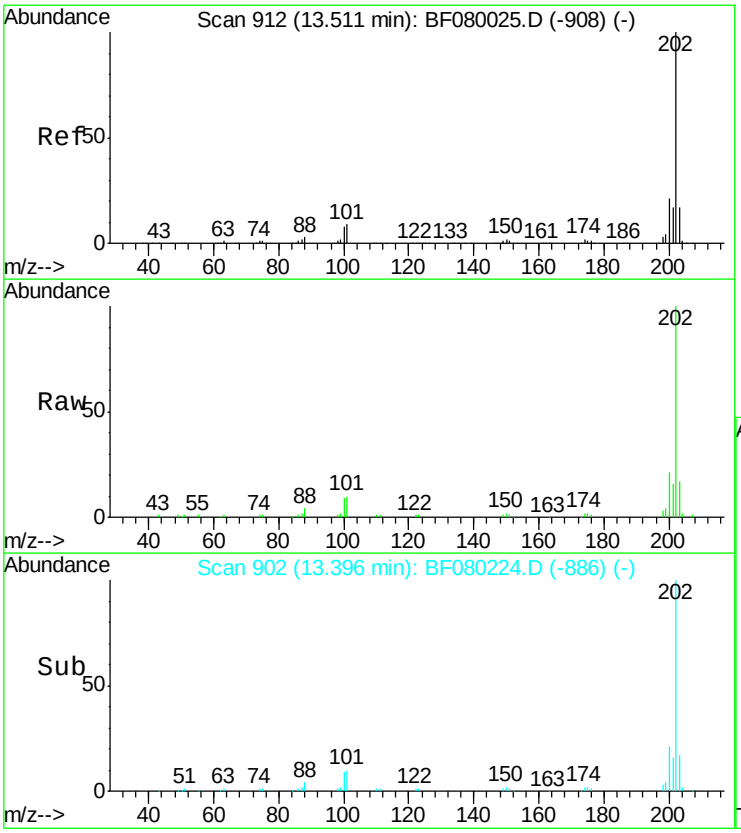
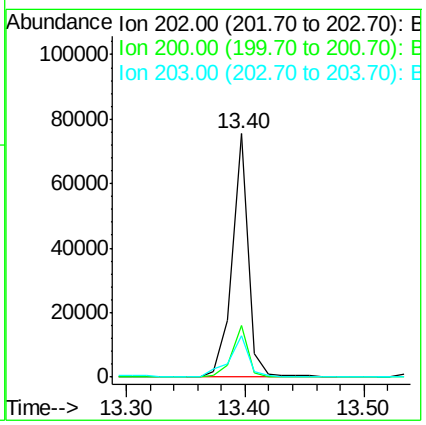
6/30/2015 2:18:44 PM

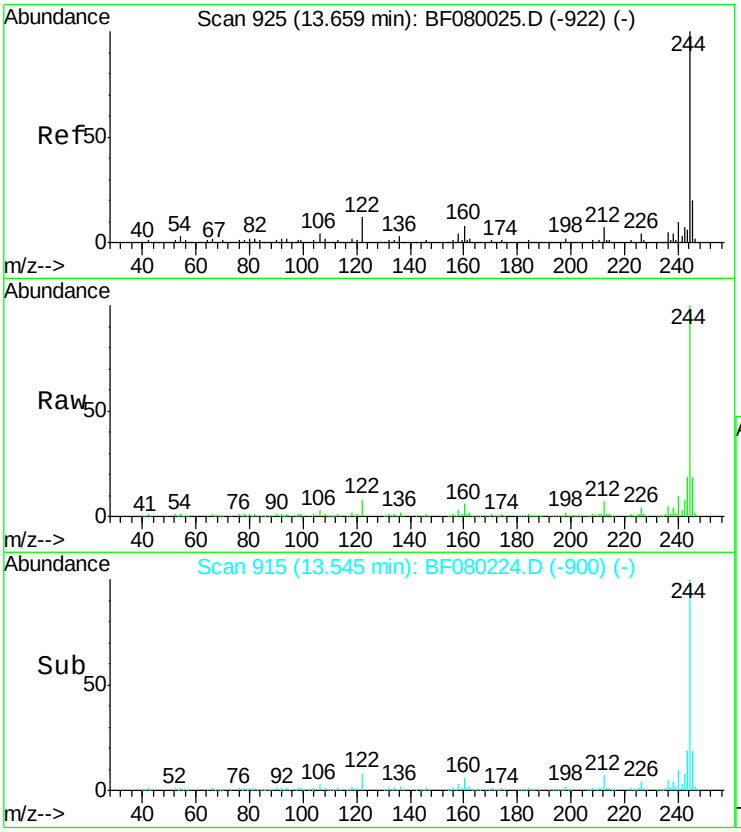


#77
Pyrene
Concen: 8.75 ng
RT: 13.40 min Scan# 902
Delta R.T. -0.11 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:202 Resp: 71246

Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.1	14.1	21.1

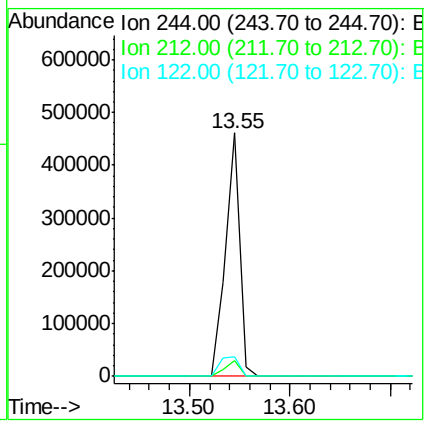




#78
Terphenyl-d14
Concen: 80.38 ng
RT: 13.55 min Scan# 915
Delta R.T. -0.13 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:244 Resp: 455216

Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	8.1	17.4	26.2#



Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
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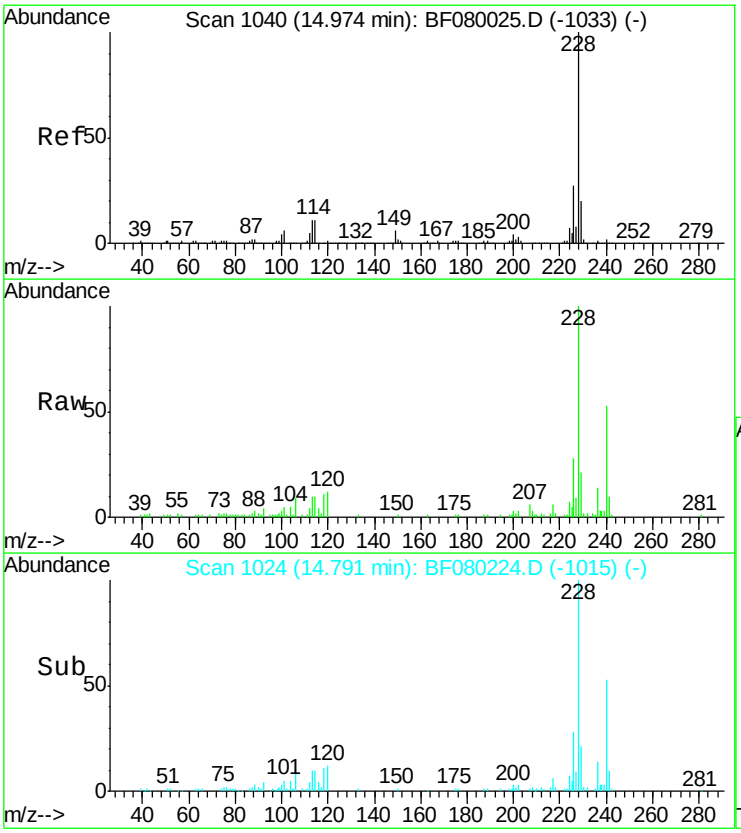
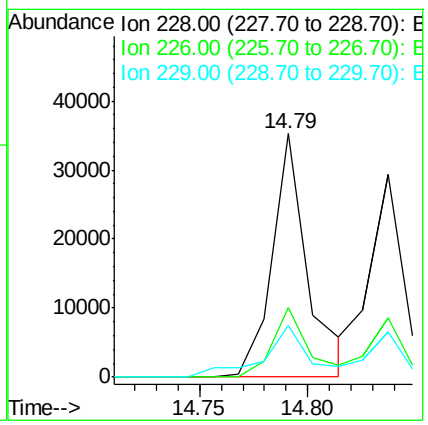
6/30/2015 2:18:44 PM

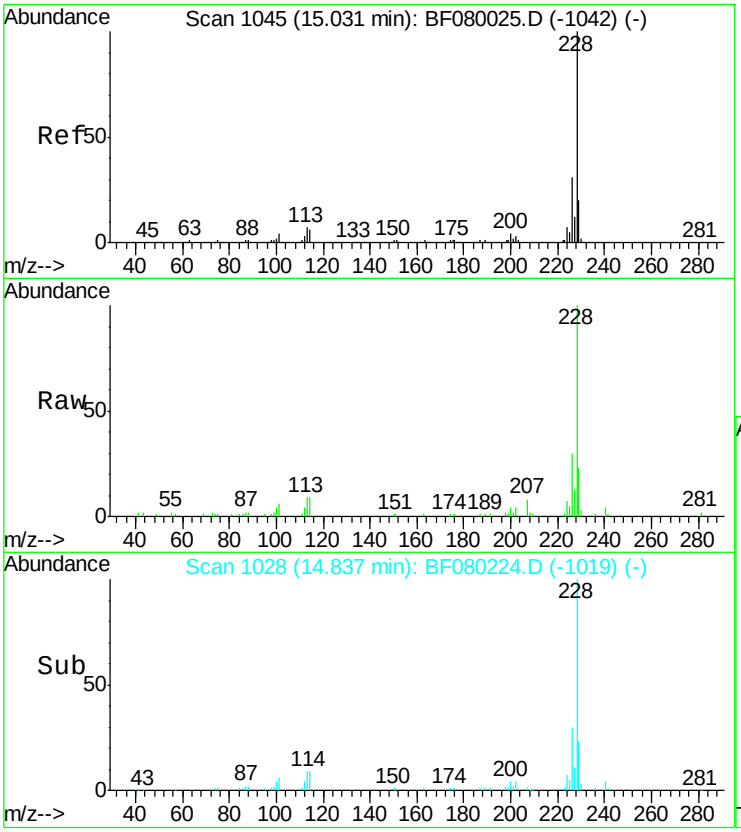


#80
Benzo(a)anthracene
Concen: 5.03 ng
RT: 14.79 min Scan# 1024
Delta R.T. -0.19 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:228 Resp: 40493

Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.0	30.0
229	21.2	15.4	23.2

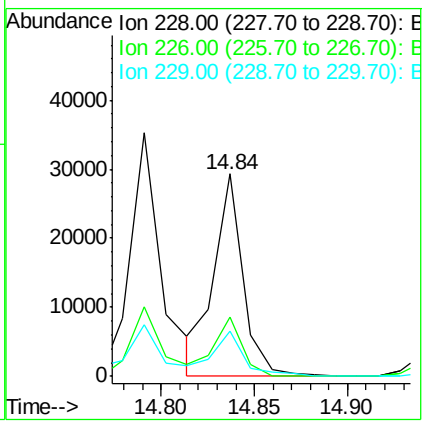




#82
Chrysene
Concen: 4.31 ng
RT: 14.84 min Scan# 1028
Delta R.T. -0.19 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:228 Resp: 31998

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.0	31.4
229	22.5	15.6	23.4



Instrument :
BNA_F
ClientSampleId :
TEC-C1

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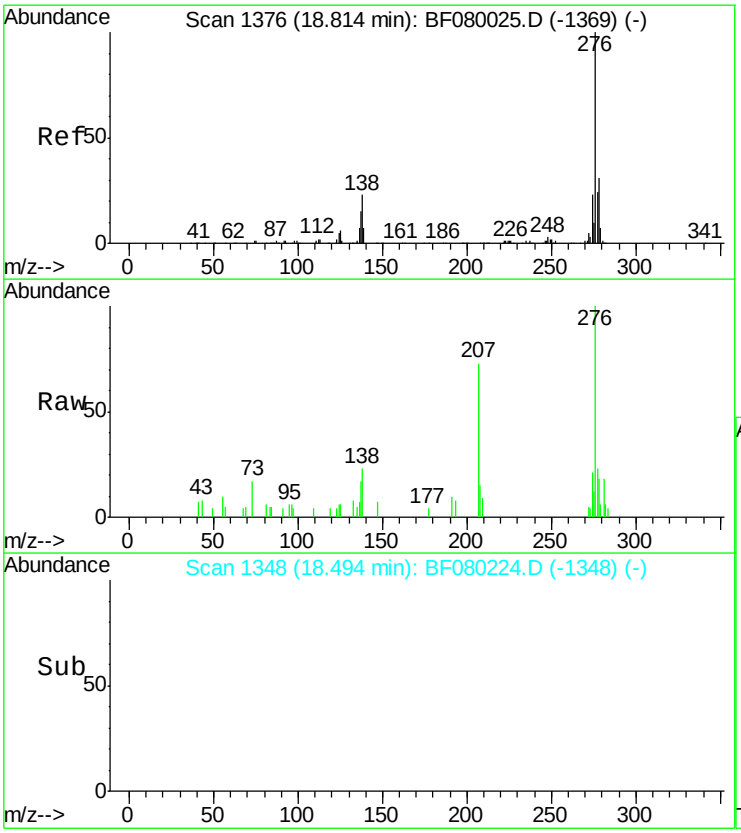
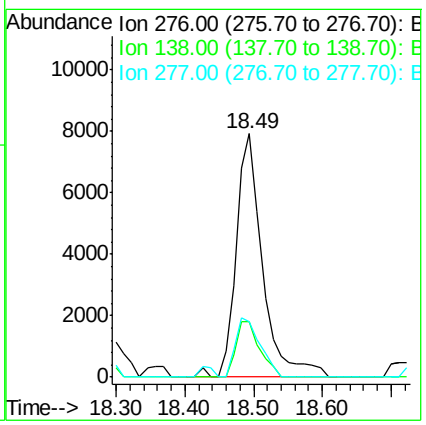
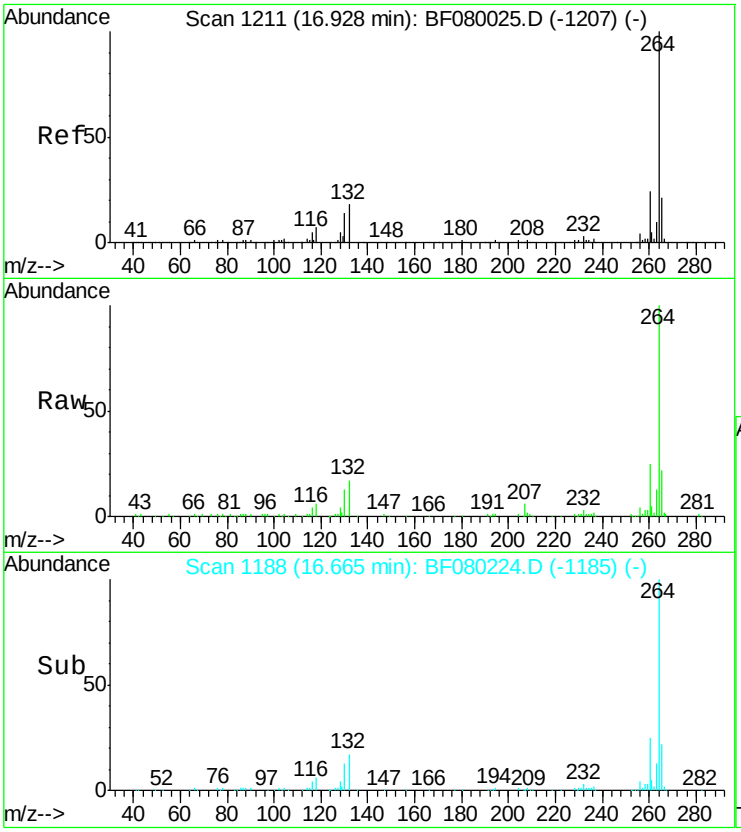


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.25 ng
RT: 18.49 min Scan# 1348
Delta R.T. -0.30 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:276 Resp: 21054

Ion	Ratio	Lower	Upper
276	100		
138	20.8	25.7	38.5#
277	22.7	15.6	23.4

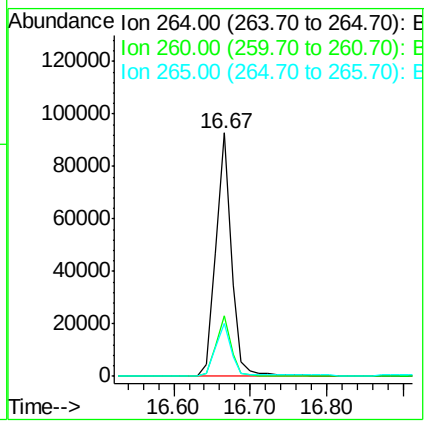




#86
Perylene-d12
Concen: 20.00 ng
RT: 16.67 min Scan# 1188
Delta R.T. -0.26 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

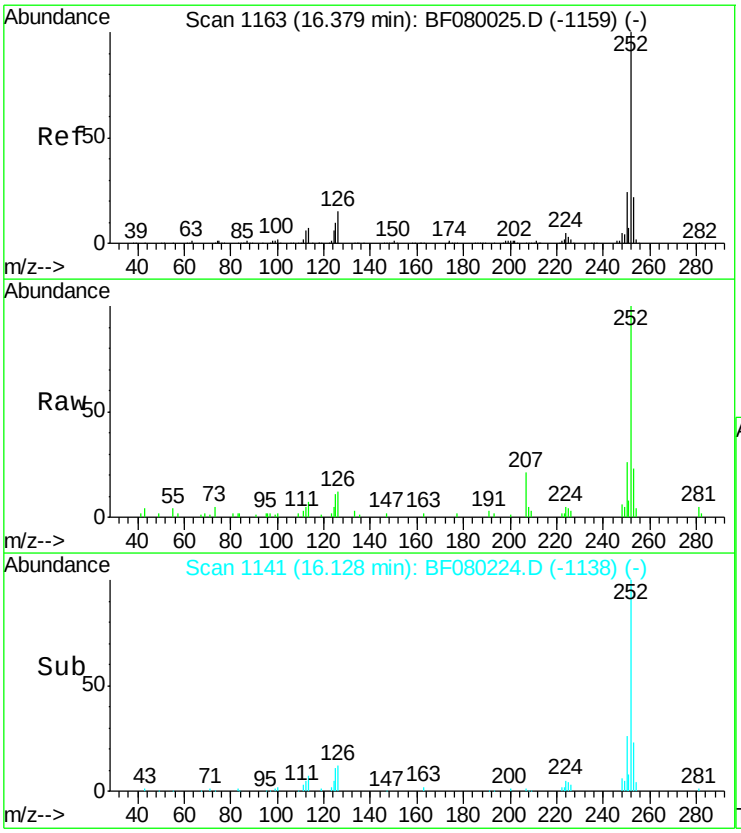
Tgt Ion:264 Resp: 131355

Ion	Ratio	Lower	Upper
264	100		
260	25.0	16.7	25.1
265	21.5	17.2	25.8



Instrument :
BNA_F
ClientSampleId :
TEC-C1

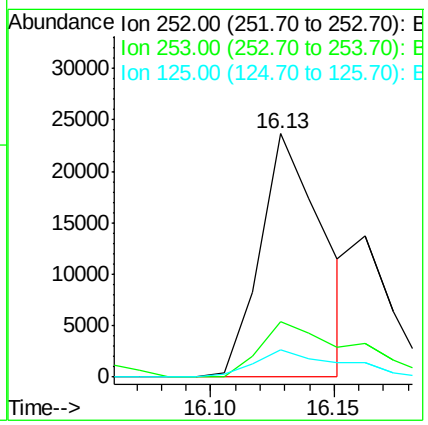
Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:18:44 PM

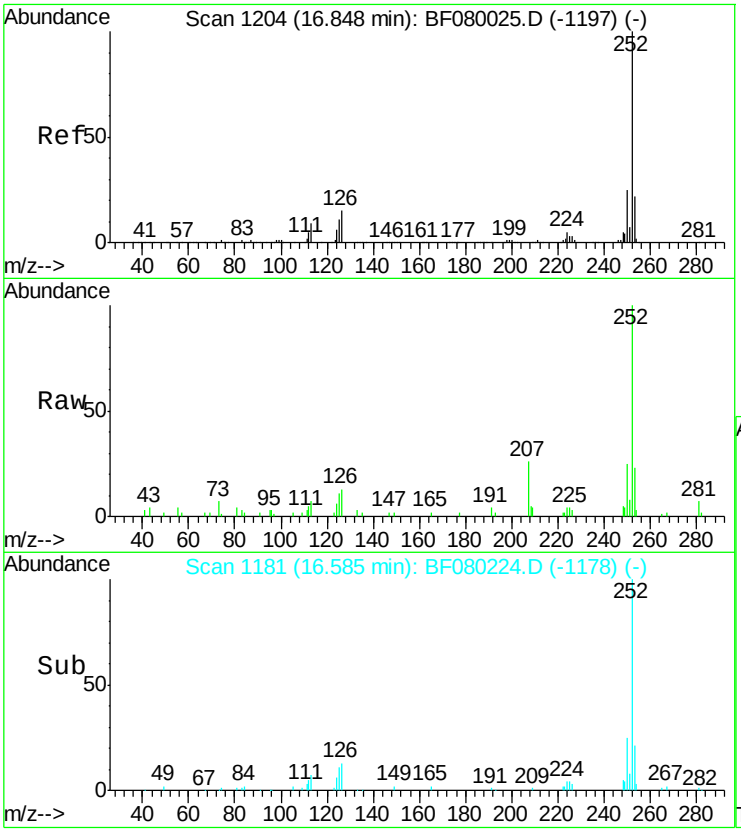


#87
Benzo(b)fluoranthene
Concen: 5.27 ng m
RT: 16.13 min Scan# 1141
Delta R.T. -0.26 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:252 Resp: 41946

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	11.1	17.1	25.7#





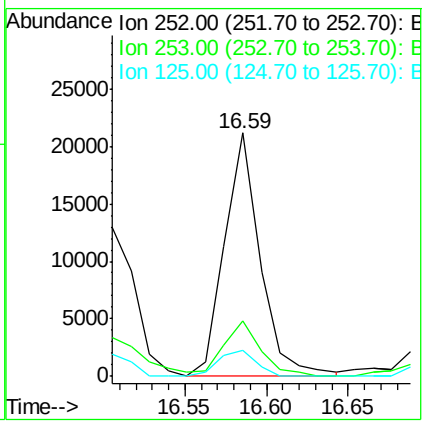
#89
Benzo(a)pyrene
Concen: 4.24 ng
RT: 16.59 min Scan# 1181
Delta R.T. -0.26 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

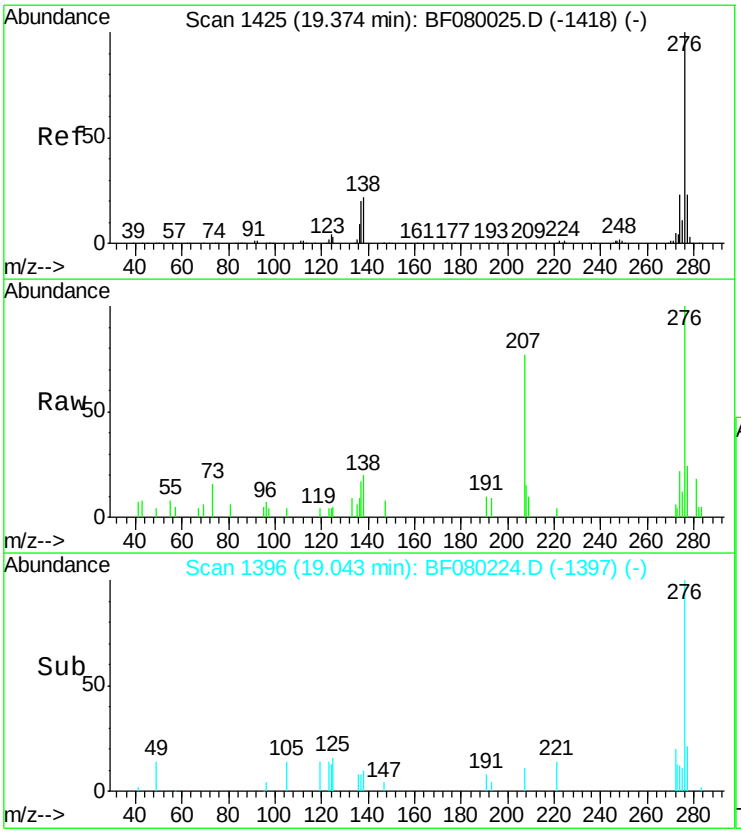
Tgt Ion:252 Resp: 32009

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.9	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
TEC-C1

Manual Integrations APPROVED
TEJASKUMAR
6/30/2015 2:18:44 PM





#91
Benzo(g,h,i)perylene
Concen: 2.48 ng
RT: 19.04 min Scan# 1396
Delta R.T. -0.31 min
Lab File: BF080224.D
Acq: 30 Jun 2015 1:46

Tgt Ion:276 Resp: 19364

Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.8	26.6
138	19.8	34.6	51.8#