Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF093015\
Data File : BF081916.D
Acq On : 30 Sep 2015 22:20
Operator : UM/IZ
Sample : G3868-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
MMDadoda
10/1/2015 2:23:35 PM

Quant Time: Oct 01 04:37:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	110457	20.00	ng		-0.03
21) Naphthalene-d8	8.19	136	418335	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	207396	20.00	ng		-0.03
63) Phenanthrene-d10	11.43	188	385641	20.00	ng		-0.03
75) Chrysene-d12	14.07	240	296340	20.00	ng		-0.05
86) Perylene-d12	15.52	264	240570	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	556398	91.44	ng		-0.02
7) Phenol-d6	6.53	99	718354	93.82	ng		-0.03
23) Nitrobenzene-d5	7.47	82	482847	76.94	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	193276	92.02	ng		-0.03
44) 2-Fluorobiphenyl	9.27	172	876166	67.99	ng		-0.03
78) Terphenyl-d14	13.02	244	760848	82.16	ng		-0.03
Target Compounds							Qvalue
49) Dimethylphthalate	9.66	163	207118	14.47	ng	#	98
74) Fluoranthene	12.64	202	120229	5.82	ng		94
77) Pyrene	12.87	202	99132	5.60	ng		96
80) Benzo(a)anthracene	14.06	228	44235	2.77	ng		95
82) Chrysene	14.10	228	44293m	2.99	ng		
85) Indeno(1,2,3-cd)pyrene	16.96	276	26317	2.11	ng	#	83
87) Benzo(b)fluoranthene	15.11	252	39835m	2.90	ng		
88) Benzo(k)fluoranthene	15.12	252	25988m	2.06	ng		
89) Benzo(a)pyrene	15.46	252	32224	2.70	ng	#	88
91) Benzo(g,h,i)perylene	17.40	276	25005	2.44	ng	#	74

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

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BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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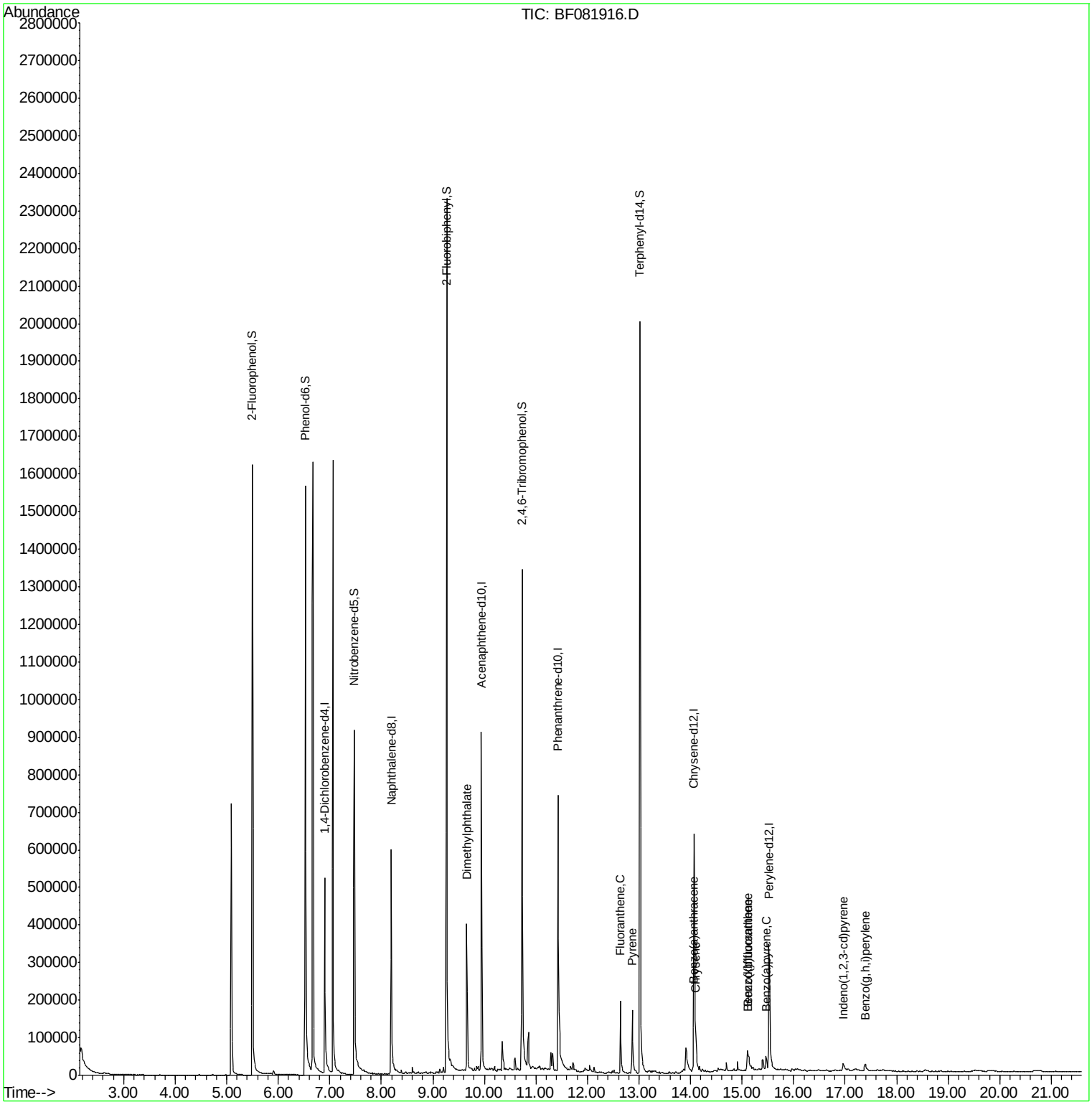
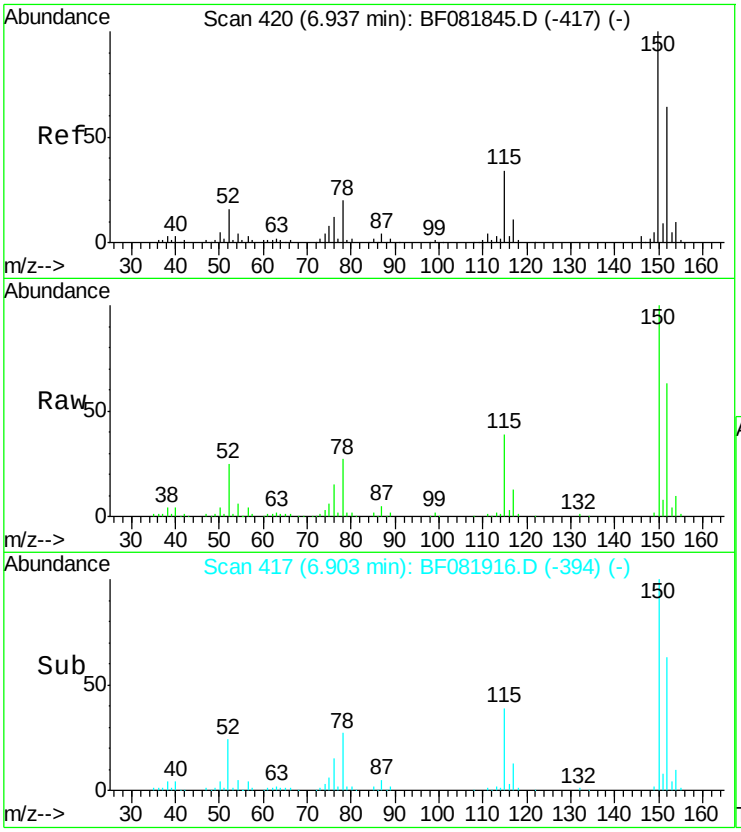
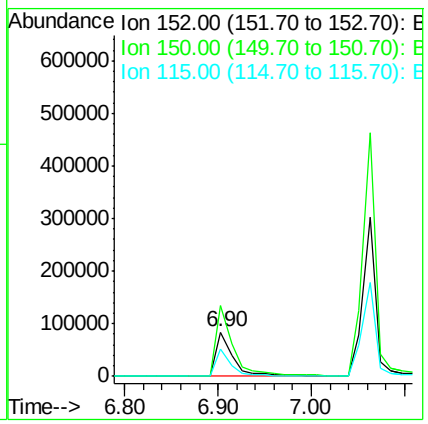




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:152 Resp: 110457

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	61.9	39.0	58.4#



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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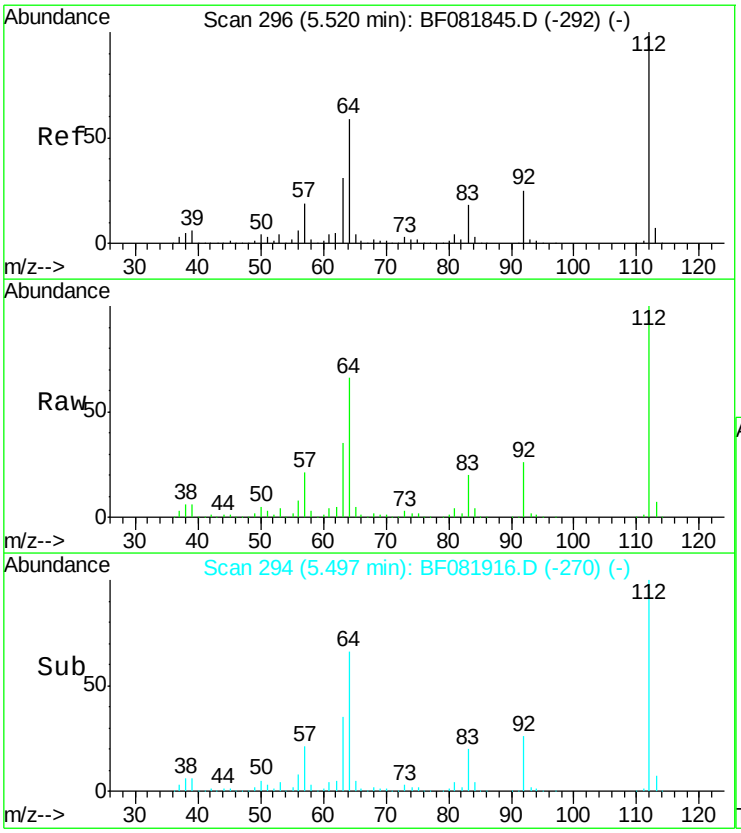
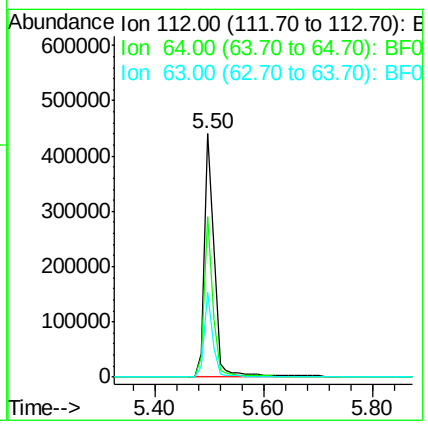
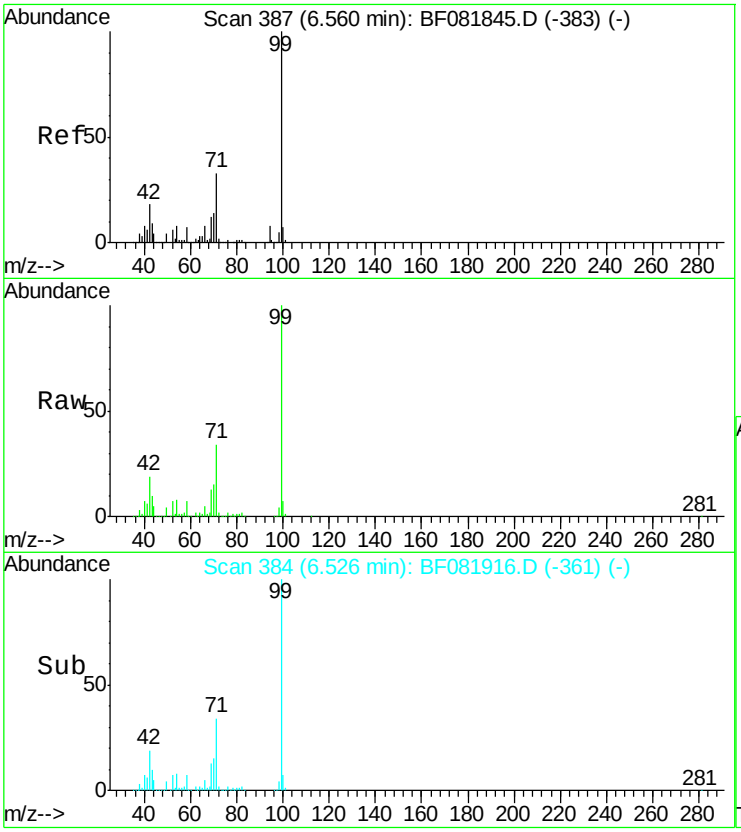


#5
2-Fluorophenol
Concen: 91.44 ng
RT: 5.50 min Scan# 294
Delta R.T. -0.02 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:112 Resp: 556398

Ion	Ratio	Lower	Upper
112	100		
64	66.1	39.7	59.5#
63	34.7	17.4	26.0#

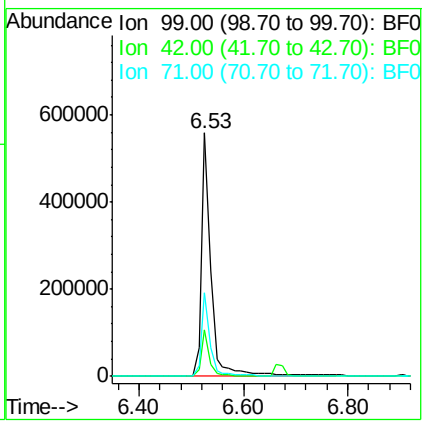




#7
Phenol-d6
Concen: 93.82 ng
RT: 6.53 min Scan# 384
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion: 99 Resp: 718354

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.7	20.5
71	34.3	14.2	21.2#



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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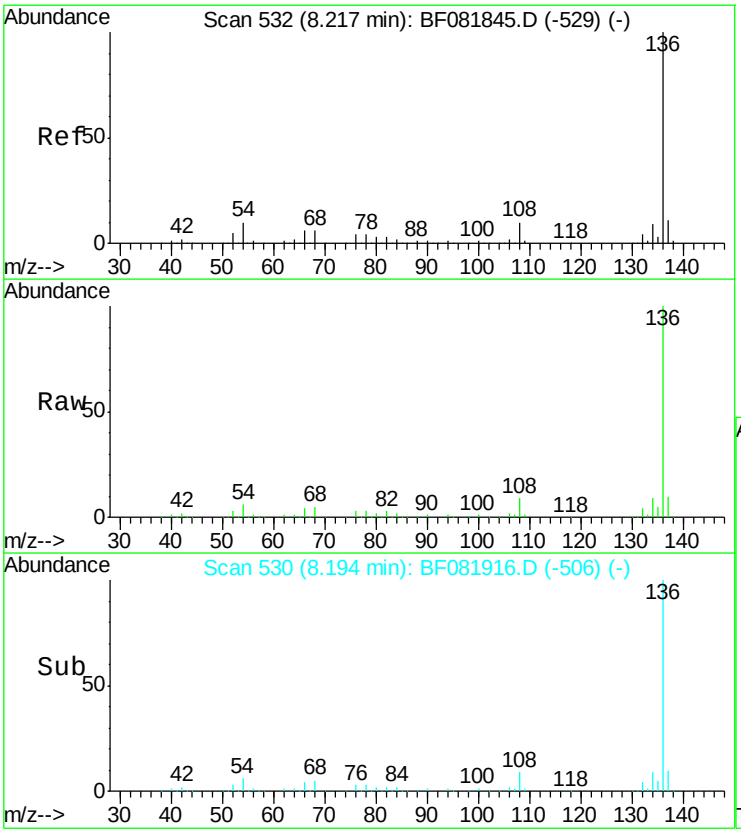
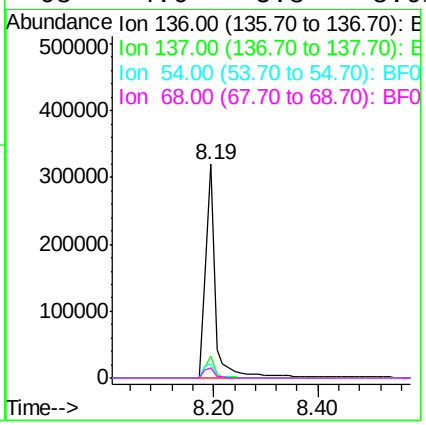
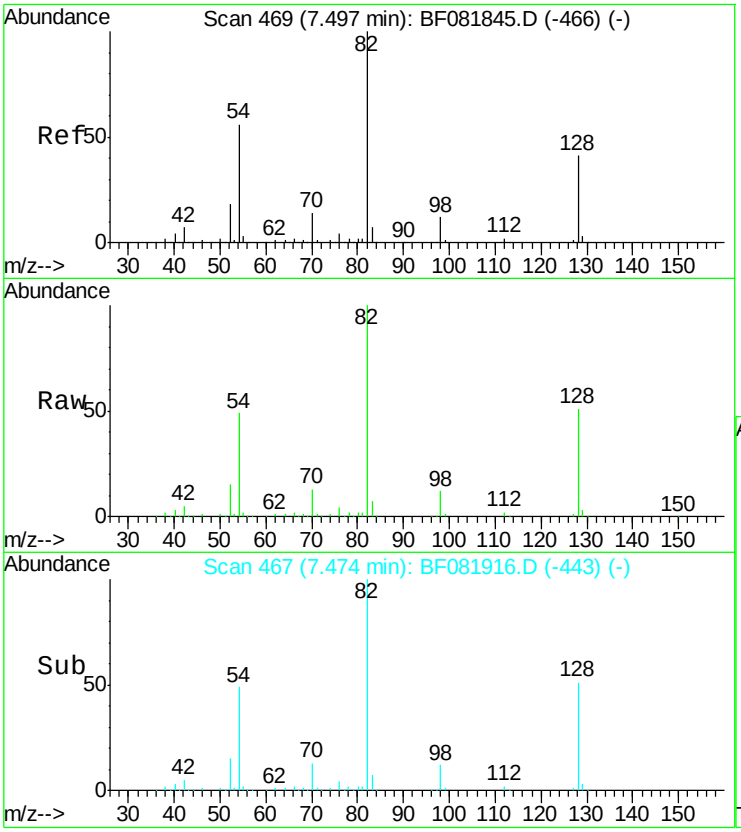


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:136 Resp: 418335

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	6.4	8.2	12.2#
68	4.6	5.8	8.6#

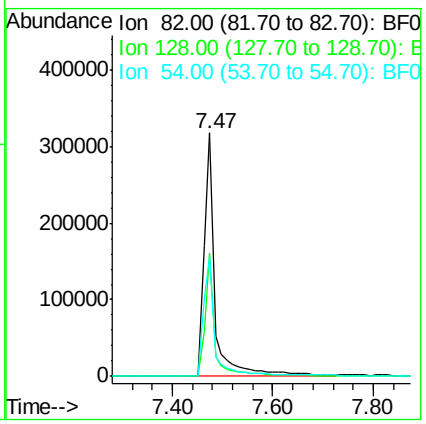




#23
Nitrobenzene-d5
Concen: 76.94 ng
RT: 7.47 min Scan# 467
Delta R.T. -0.02 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion: 82 Resp: 482847

Ion	Ratio	Lower	Upper
82	100		
128	50.6	51.0	76.6#
54	48.9	47.5	71.3



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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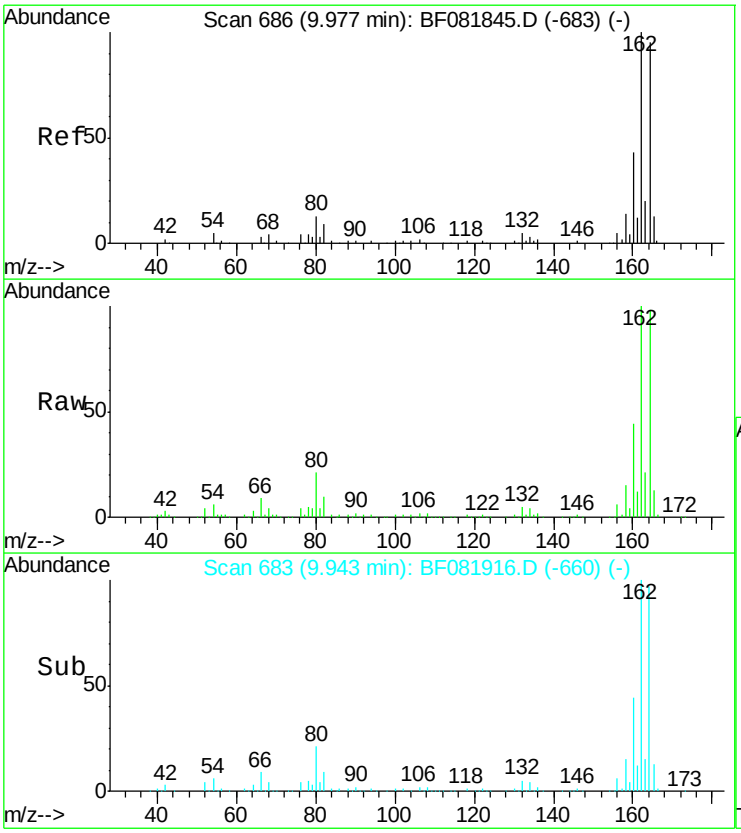
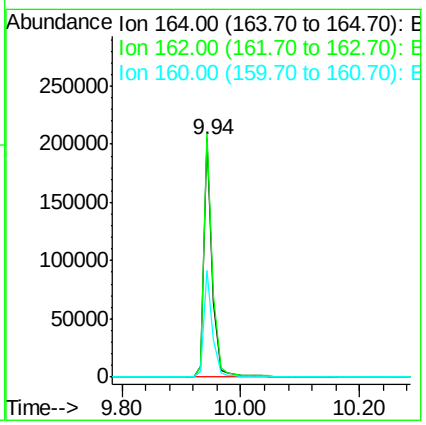
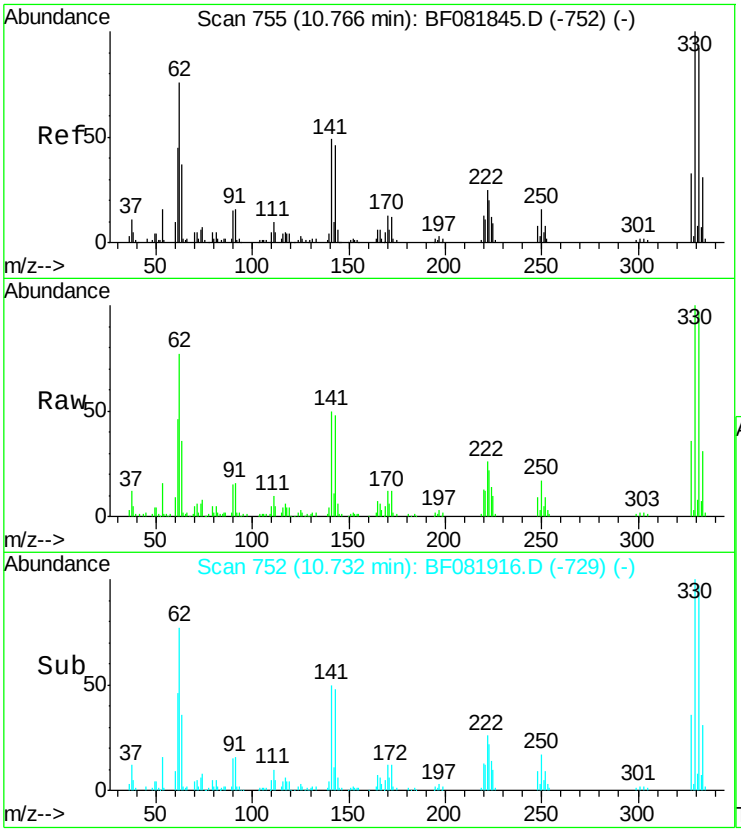


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:164 Resp: 207396

Ion	Ratio	Lower	Upper
164	100		
162	102.2	75.2	112.8
160	44.9	31.5	47.3

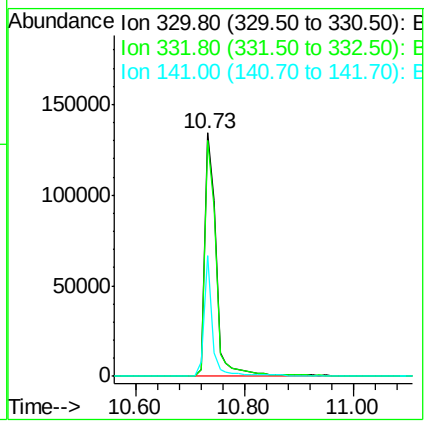




#41
2,4,6-Tribromophenol
Concen: 92.02 ng
RT: 10.73 min Scan# 752
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:330 Resp: 193276

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	114.8
141	35.5	29.7	44.5



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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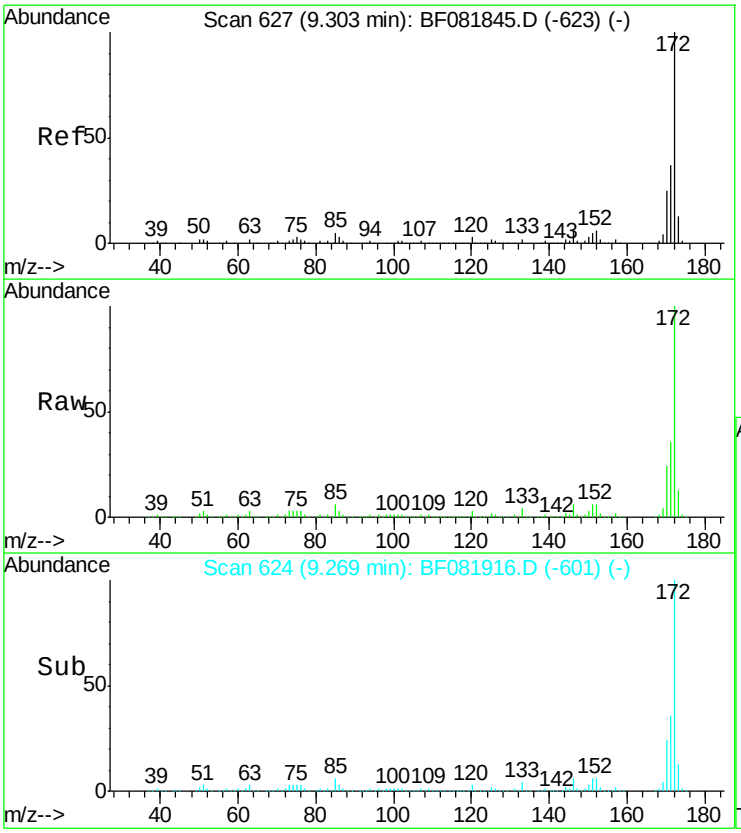
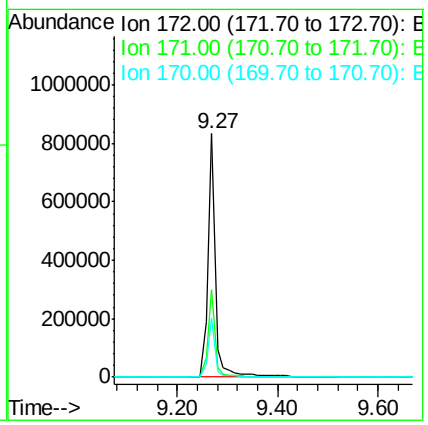
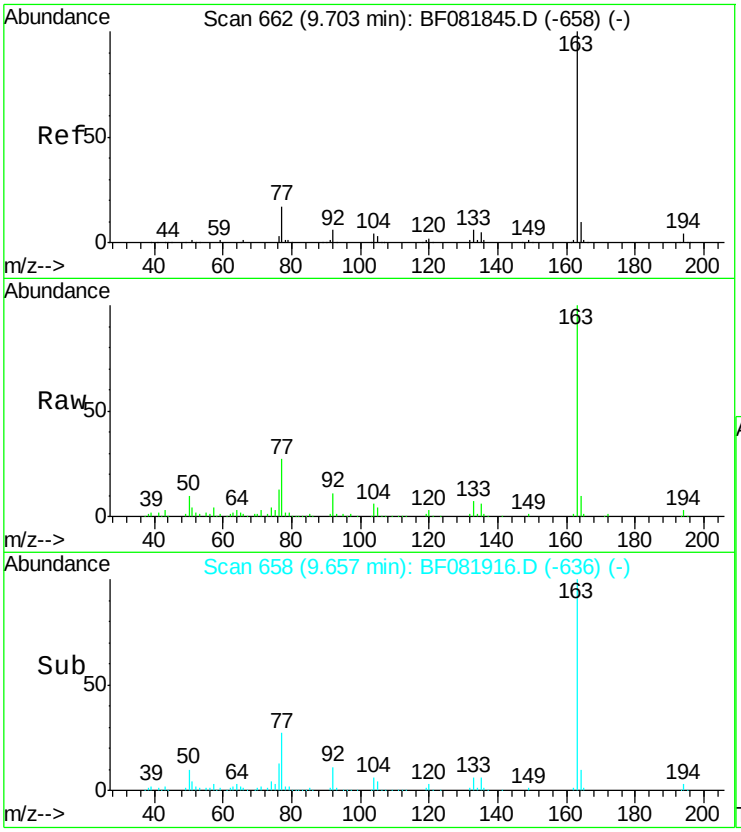


#44
2-Fluorobiphenyl
Concen: 67.99 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:172 Resp: 876166

Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.4	17.4	26.2

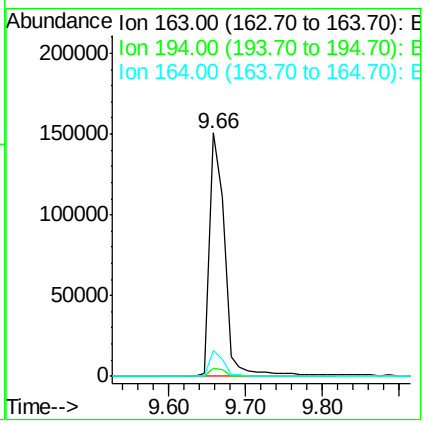




#49
Dimethylphthalate
Concen: 14.47 ng
RT: 9.66 min Scan# 658
Delta R.T. -0.05 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:163 Resp: 207118

Ion	Ratio	Lower	Upper
163	100		
194	3.2	4.4	6.6#
164	10.4	8.3	12.5



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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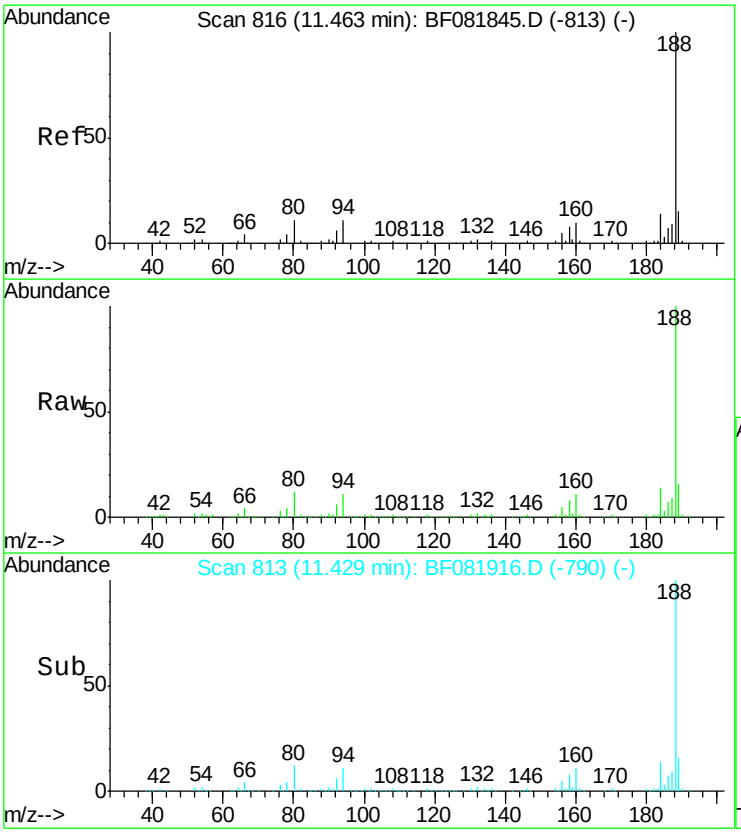
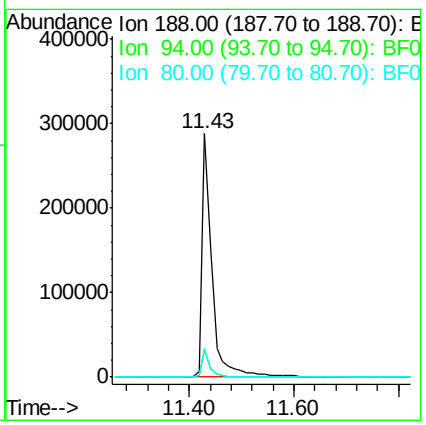
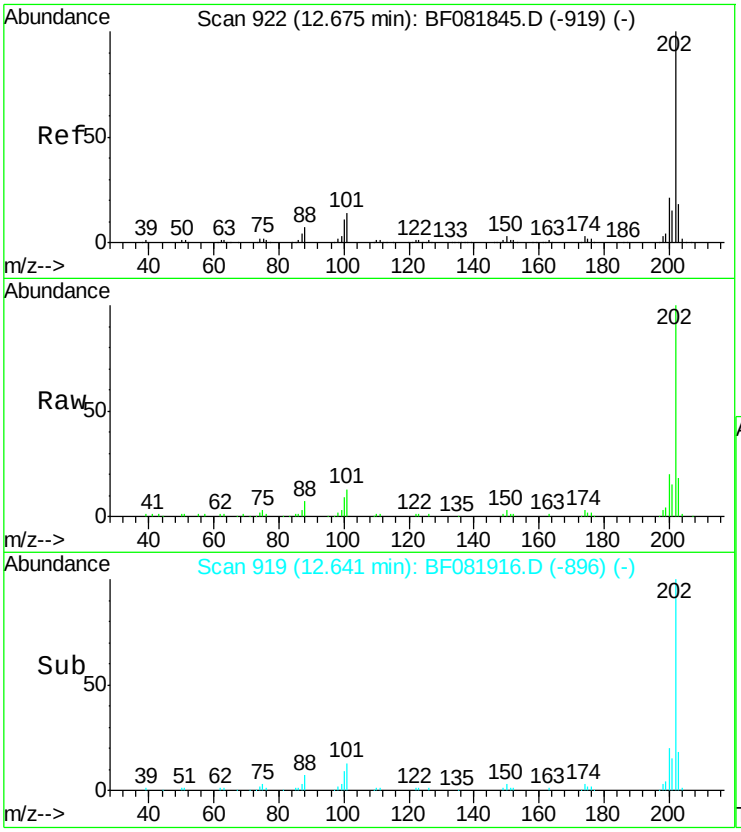


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:188 Resp: 385641

Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.1	16.7
80	12.0	11.0	16.4

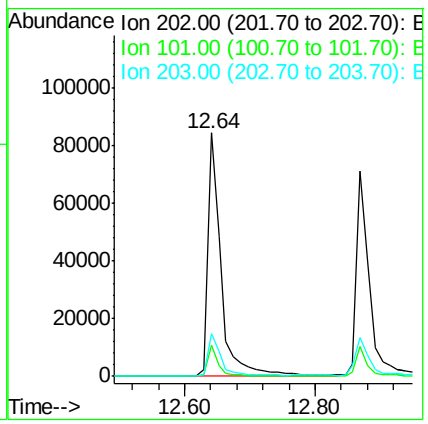




#74
Fluoranthene
Concen: 5.82 ng
RT: 12.64 min Scan# 919
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:202 Resp: 120229

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	38.3
203	17.5	0.0	37.3



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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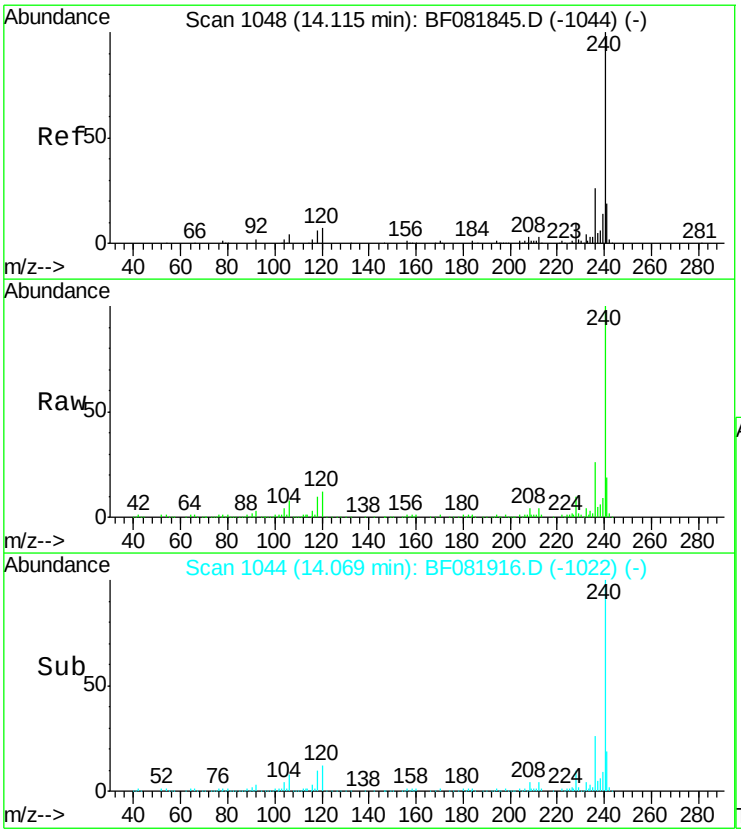
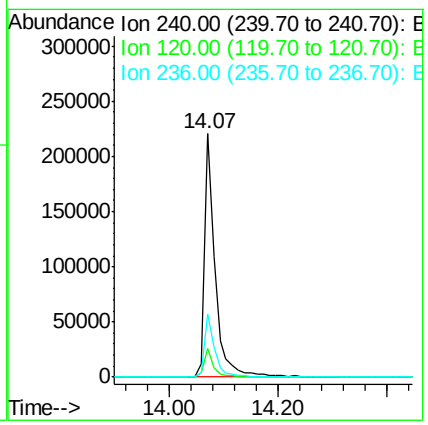
10/1/2015 2:23:35 PM

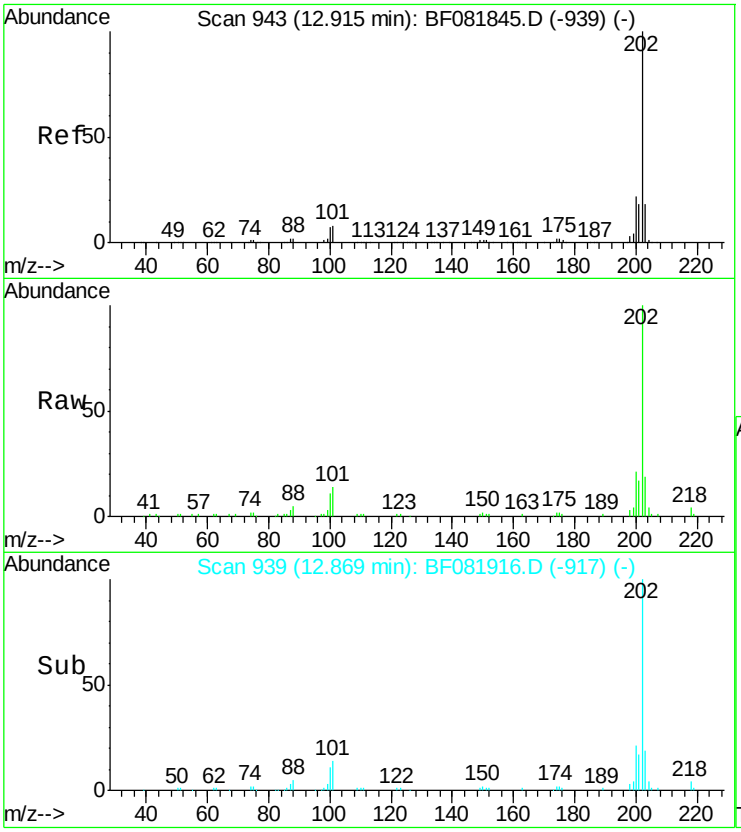


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:240 Resp: 296340

Ion	Ratio	Lower	Upper
240	100		
120	11.7	16.2	24.2#
236	25.9	18.4	27.6

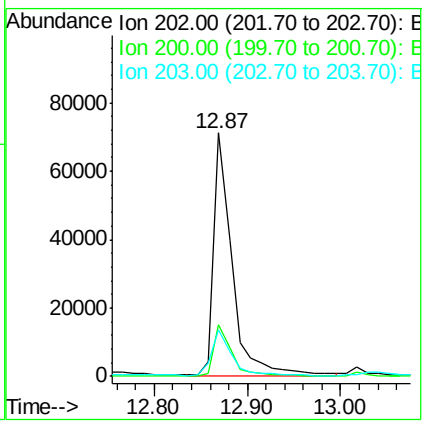




#77
Pyrene
Concen: 5.60 ng
RT: 12.87 min Scan# 939
Delta R.T. -0.05 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:202 Resp: 99132

Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.0	22.4
203	19.1	14.1	21.1



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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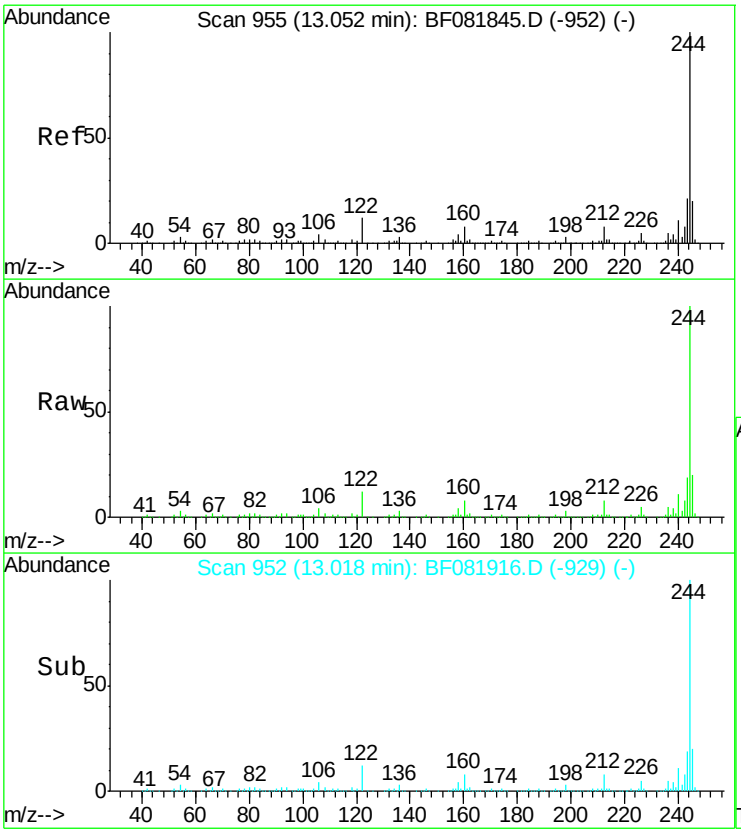
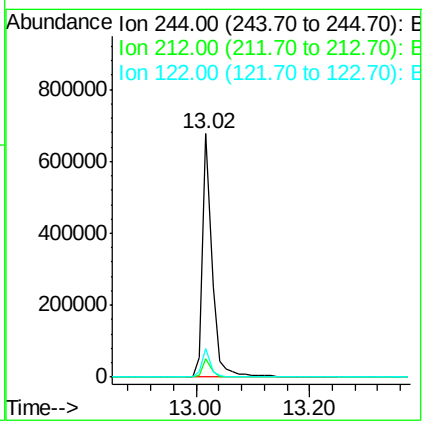
10/1/2015 2:23:35 PM

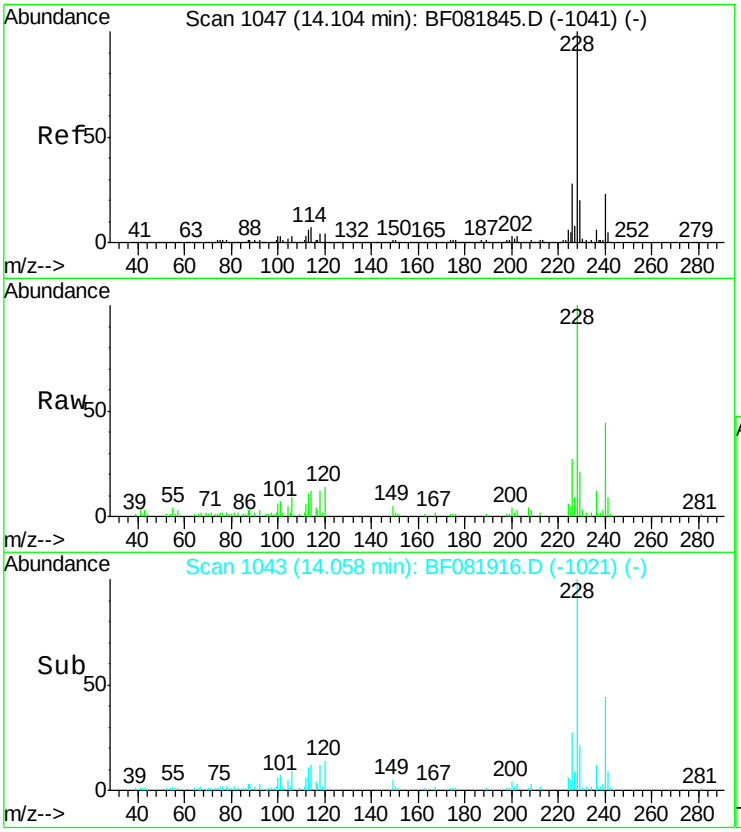


#78
Terphenyl-d14
Concen: 82.16 ng
RT: 13.02 min Scan# 952
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:244 Resp: 760848

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	11.8	17.4	26.2#

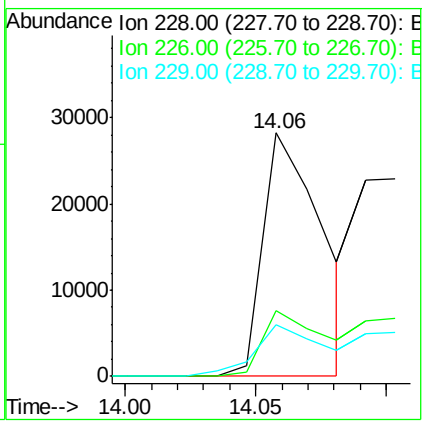




#80
Benzo(a)anthracene
Concen: 2.77 ng
RT: 14.06 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

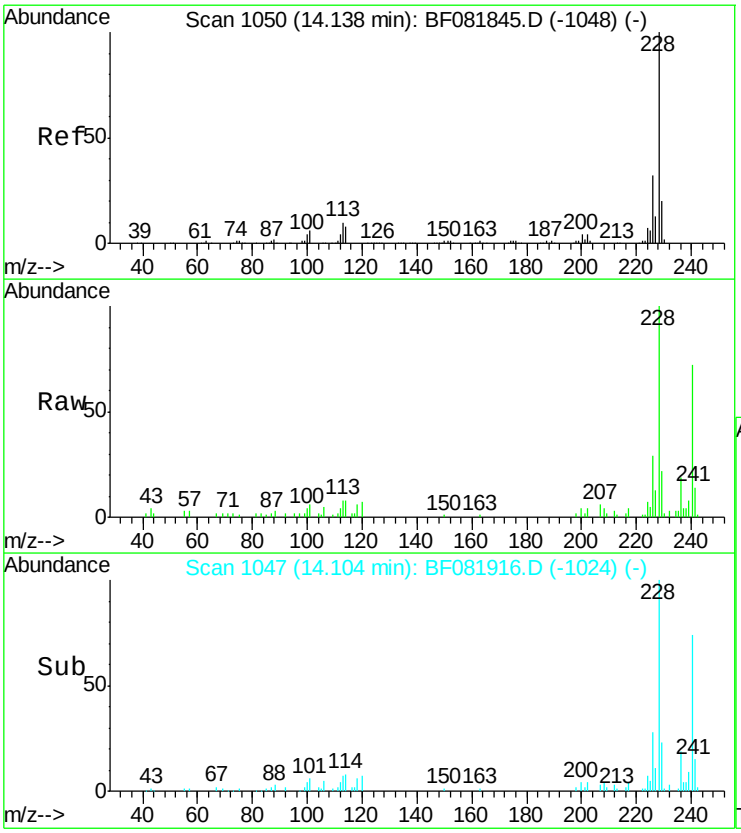
Tgt Ion:228 Resp: 44235

Ion	Ratio	Lower	Upper
228	100		
226	27.2	20.0	30.0
229	21.5	15.4	23.2



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

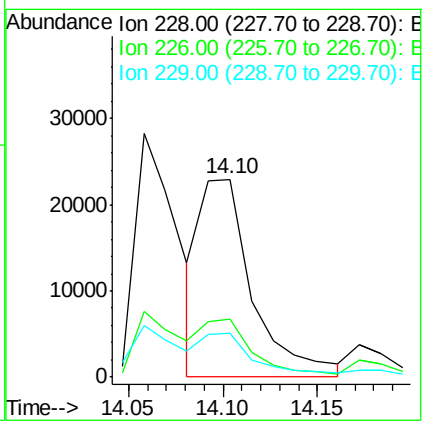
Manual Integrations APPROVED
MMDadoda
10/1/2015 2:23:35 PM

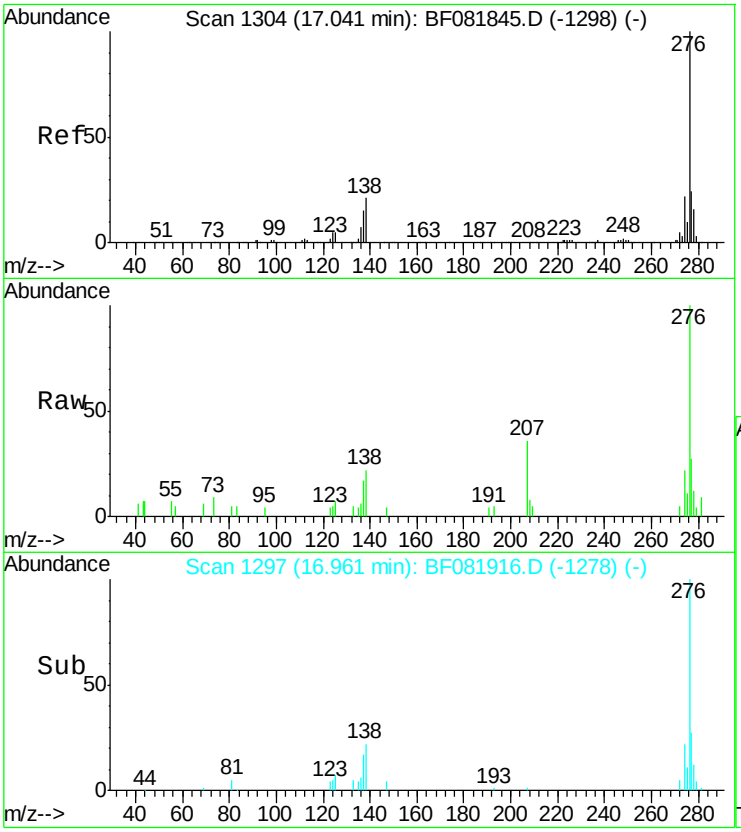


#82
Chrysene
Concen: 2.99 ng m
RT: 14.10 min Scan# 1047
Delta R.T. -0.03 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:228 Resp: 44293

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.0	31.4
229	22.3	15.6	23.4





#85
Indeno(1,2,3-cd)pyrene
Concen: 2.11 ng
RT: 16.96 min Scan# 1297
Delta R.T. -0.08 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:276 Resp: 26317

Ion	Ratio	Lower	Upper
276	100		
138	20.4	25.7	38.5#
277	23.7	15.6	23.4#

Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

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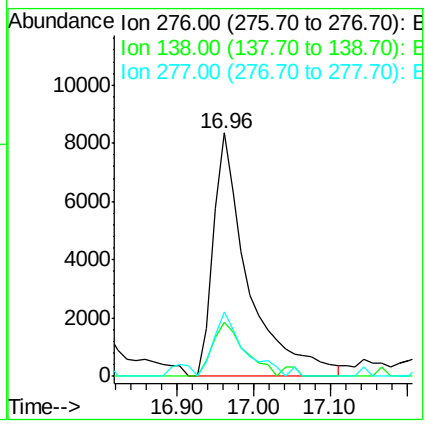
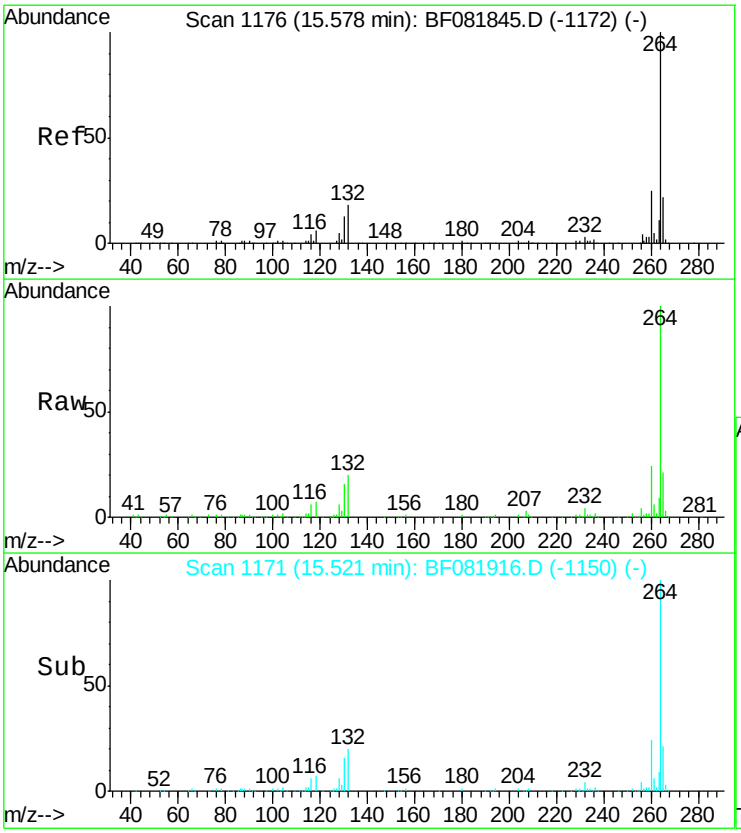
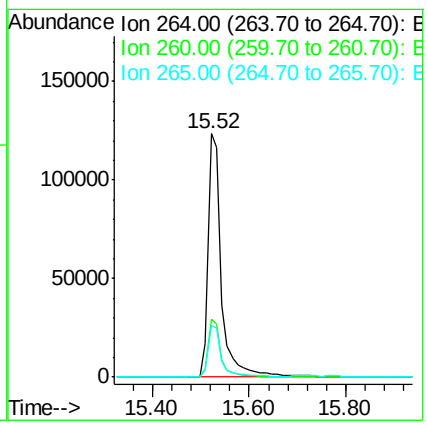


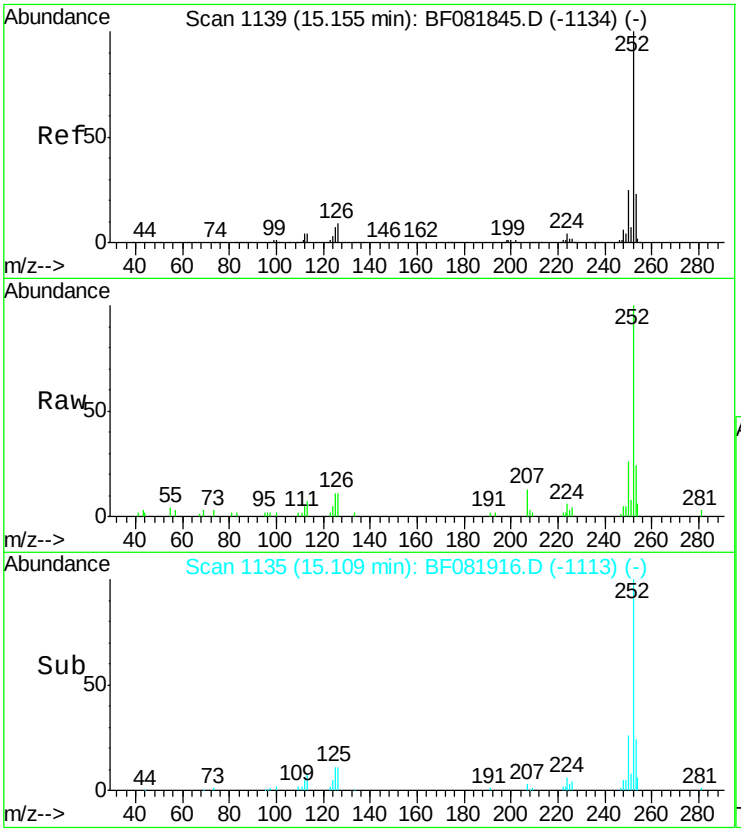


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:264 Resp: 240570

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.3	17.2	25.8

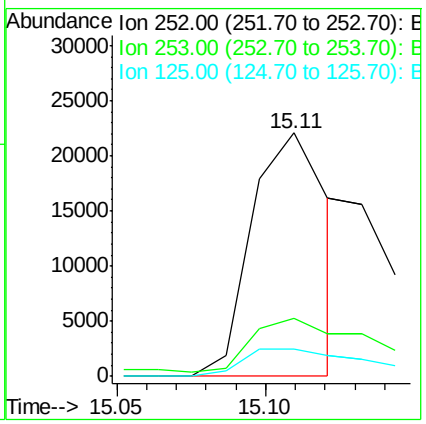




#87
Benzo(b)fluoranthene
Concen: 2.90 ng m
RT: 15.11 min Scan# 1135
Delta R.T. -0.05 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:252 Resp: 39835

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	11.2	17.1	25.7#



Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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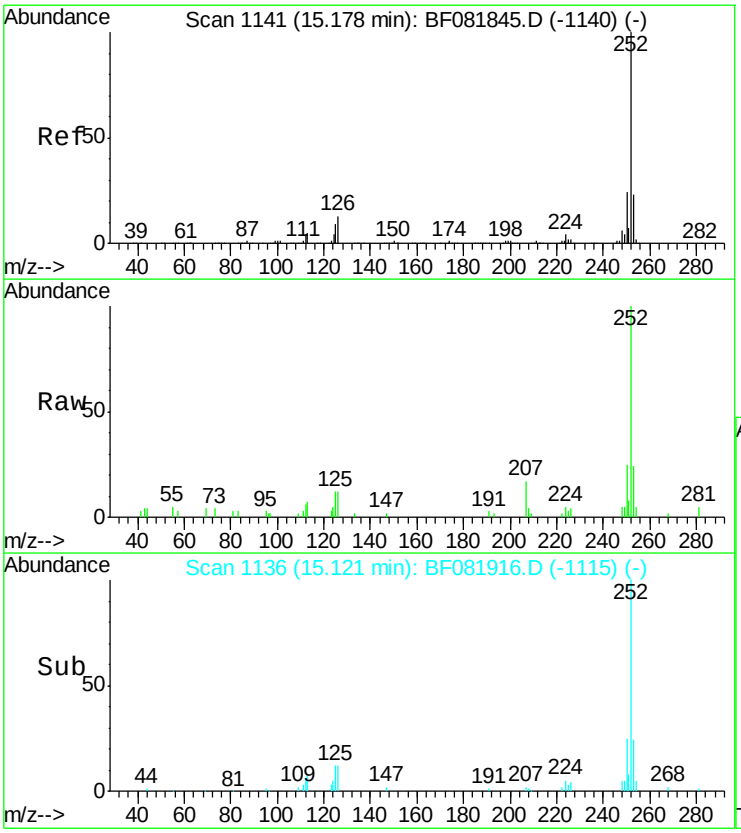
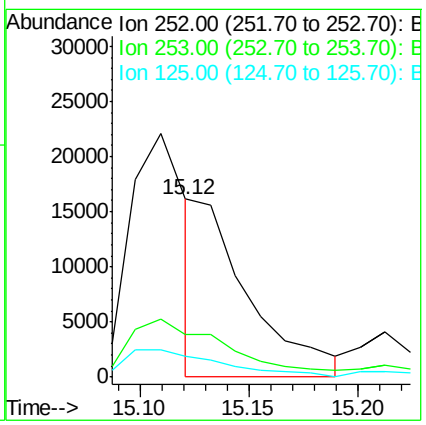
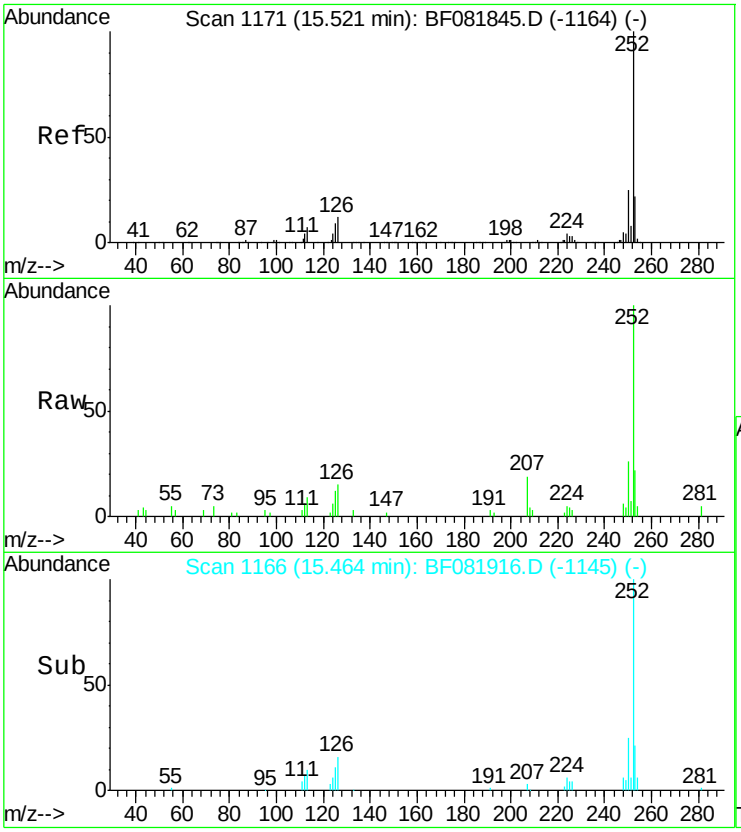


#88
Benzo(k)fluoranthene
Concen: 2.06 ng m
RT: 15.12 min Scan# 1136
Delta R.T. -0.06 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:252 Resp: 25988

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.0	25.4
125	11.6	16.0	24.0#





#89
Benzo(a)pyrene
Concen: 2.70 ng
RT: 15.46 min Scan# 1166
Delta R.T. -0.06 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:252 Resp: 32224

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	11.7	18.0	27.0#

Instrument :
BNA_F
ClientSampleId :
SS-04(WEST)

Manual Integrations APPROVED
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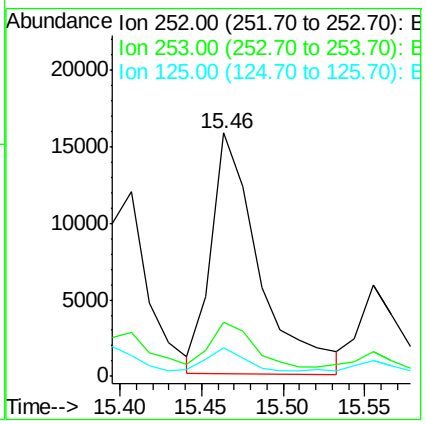

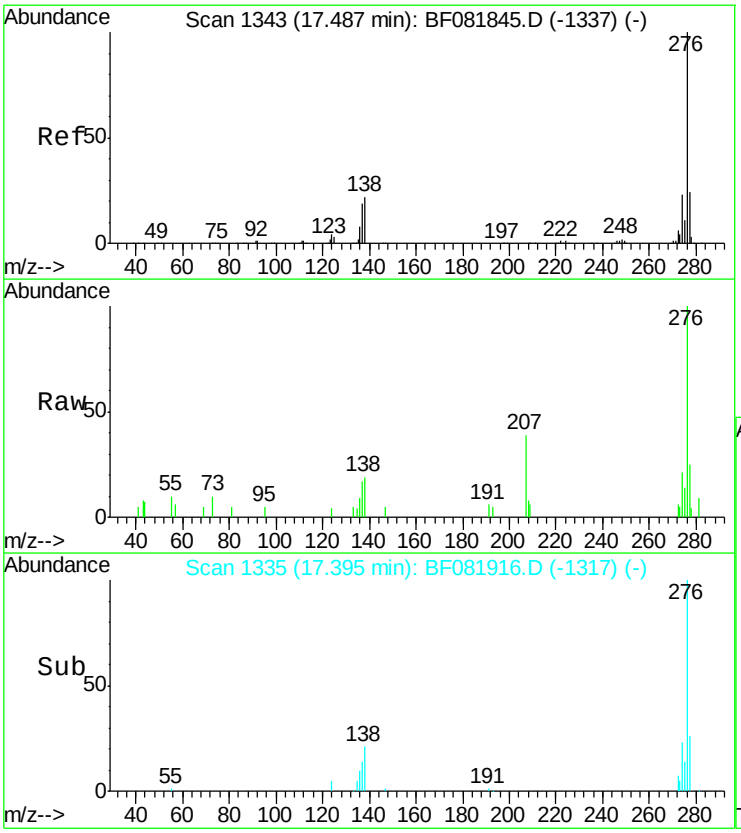

#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 17.40 min Scan# 1335
Delta R.T. -0.09 min
Lab File: BF081916.D
Acq: 30 Sep 2015 22:20

Tgt Ion:276 Resp: 25005

Ion	Ratio	Lower	Upper
276	100		
277	24.6	17.8	26.6
138	19.4	34.6	51.8#