Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090828.D
Acq On : 15 Sep 2015 10:56
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
MMDadoda
9/16/2015 1:24:38 PM

Quant Time: Sep 15 13:48:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25147	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	110228	5.00	ng	0.00
12) Acenaphthene-d10	14.17	164	55411	5.00	ng	0.00
18) Phenanthrene-d10	16.91	188	151439	5.00	ng	0.00
25) Chrysene-d12	21.07	240	213331	5.00	ng	0.00
32) Perylene-d12	23.35	264	191204	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.19	112	4923m	1.02	ng	0.00
5) Phenol-d6	6.78	99	5740	0.82	ng	0.03
7) Nitrobenzene-d5	8.71	82	5827	0.80	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1070	0.80	ng	0.02
14) 2-Fluorobiphenyl	12.80	172	13750	0.90	ng	0.00
27) Terphenyl-d14	19.54	244	18876	0.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	3837	1.03	ng	97
3) n-Nitrosodimethylamine	3.45	42	3904	0.81	ng	# 93
8) Nitrobenzene	8.75	77	6319	0.80	ng	98
9) Naphthalene	10.35	128	22823	0.95	ng	99
10) Hexachlorobutadiene	10.65	225	3686	0.98	ng	100
11) 2-Methylnaphthalene	11.99	142	12003	0.92	ng	98
15) Acenaphthylene	13.88	152	81351	0.92	ng	100
16) Acenaphthene	14.23	154	14608	0.99	ng	99
17) Fluorene	15.22	166	17319	0.94	ng	99
19) 4-Bromophenyl-phenylether	16.13	248	4392	0.85	ng	96
20) Hexachlorobenzene	16.23	284	25791	0.95	ng	98
21) Pentachlorophenol	16.60	266	878	0.85	ng	93
22) Phenanthrene	16.94	178	35274	0.94	ng	100
23) Anthracene	17.05	178	27590	0.88	ng	99
24) Fluoranthene	18.96	202	34374	0.87	ng	99
26) Pyrene	19.32	202	36622	0.83	ng	100
28) Benzo(a)anthracene	21.05	228	41830	0.88	ng	99
29) Chrysene	21.11	228	52043	1.00	ng	98
30) Bis(2-ethylhexyl)phthalate	21.00	149	7356	0.64	ng	99
31) Indeno(1,2,3-cd)pyrene	25.72	276	45840	0.91	ng	99
33) Benzo(b)fluoranthene	22.66	252	36969	0.89	ng	99
34) Benzo(k)fluoranthene	22.71	252	44418	0.92	ng	99
35) Benzo(a)pyrene	23.25	252	32617	0.88	ng	99
36) Dibenzo(a,h)anthracene	25.74	278	34683	0.88	ng	99
37) Benzo(g,h,i)perylene	26.44	276	37774	0.89	ng	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE091515\
Data File : BE090828.D
Acq On : 15 Sep 2015 10:56
Operator : UM/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 13:48:03 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 11:40:50 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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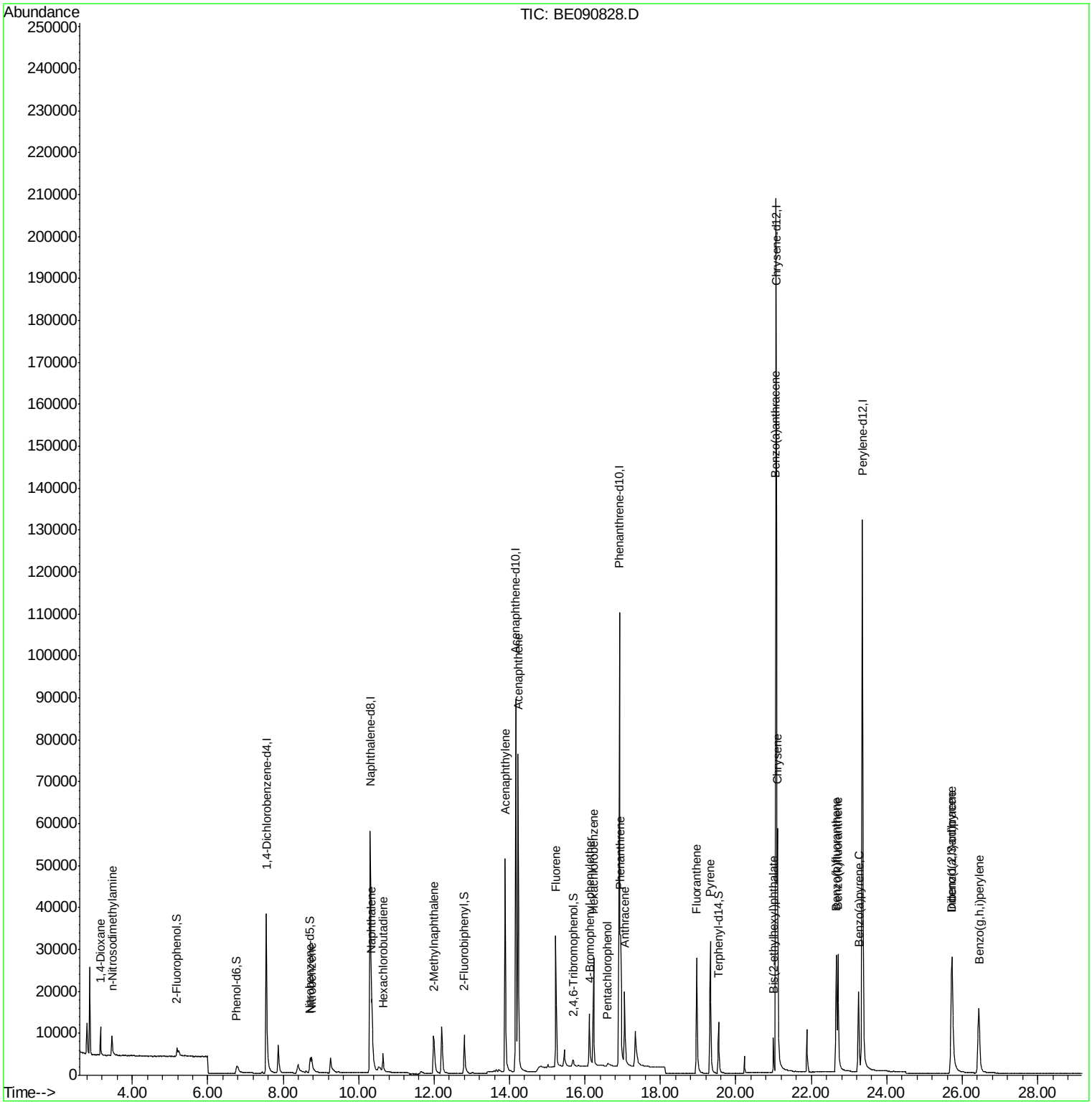
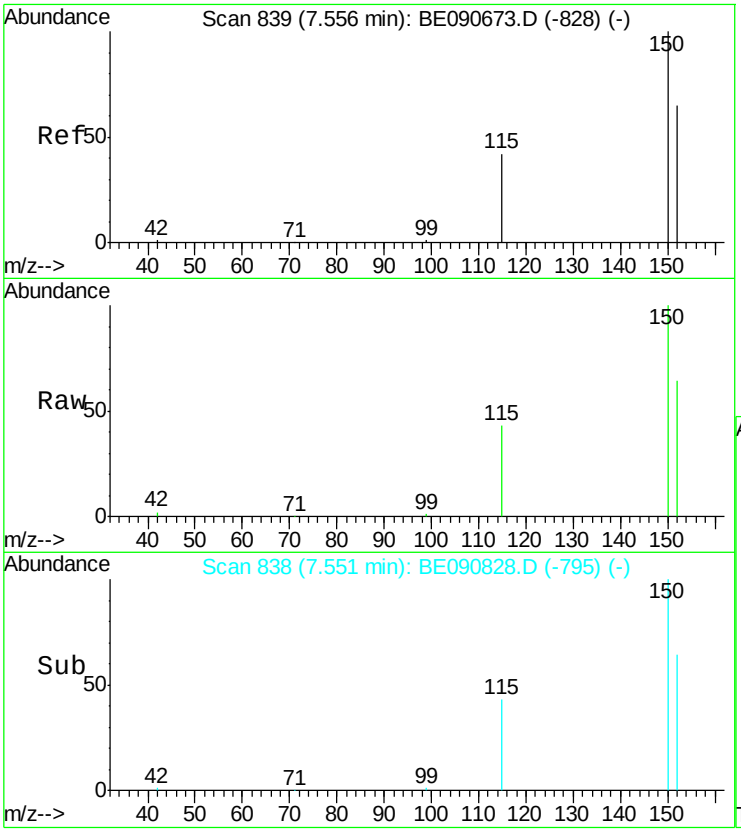
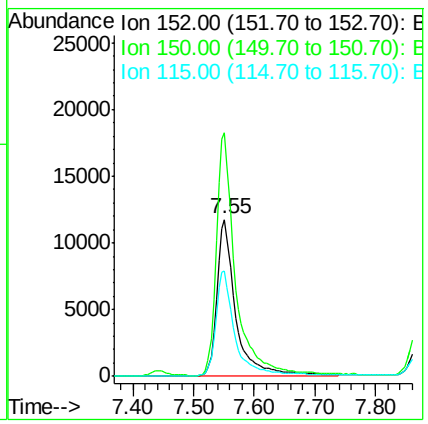




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.55 min Scan# 838
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:152 Resp: 25147

Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.2	183.4
115	67.1	51.0	76.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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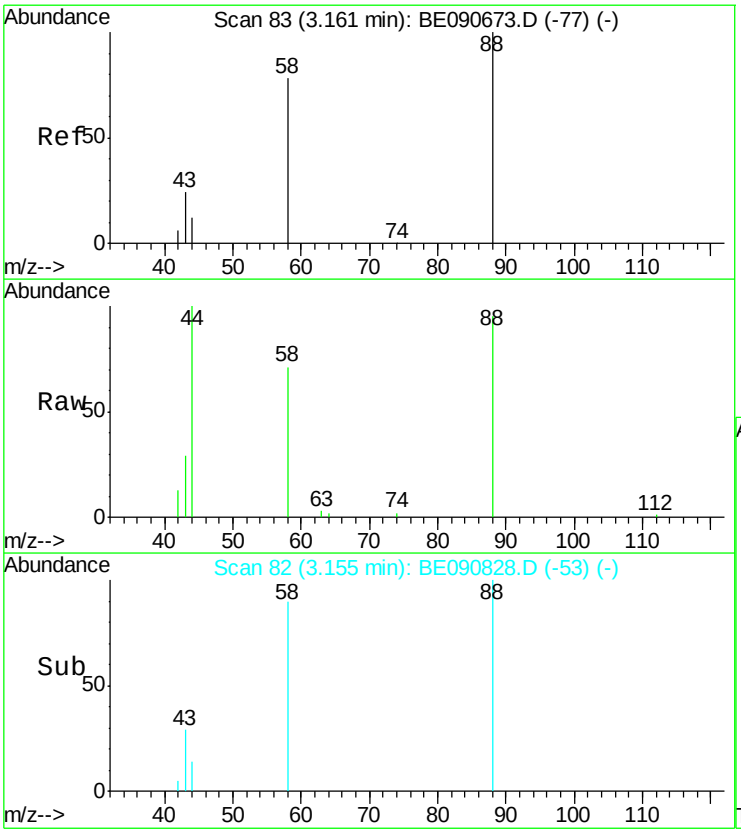
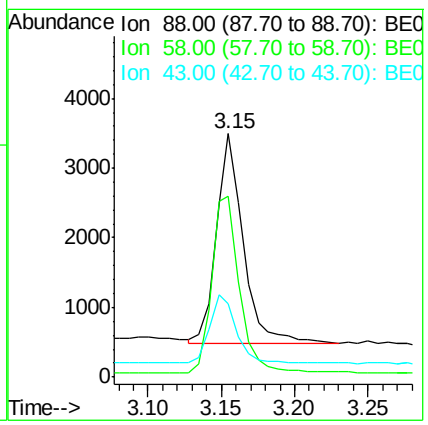
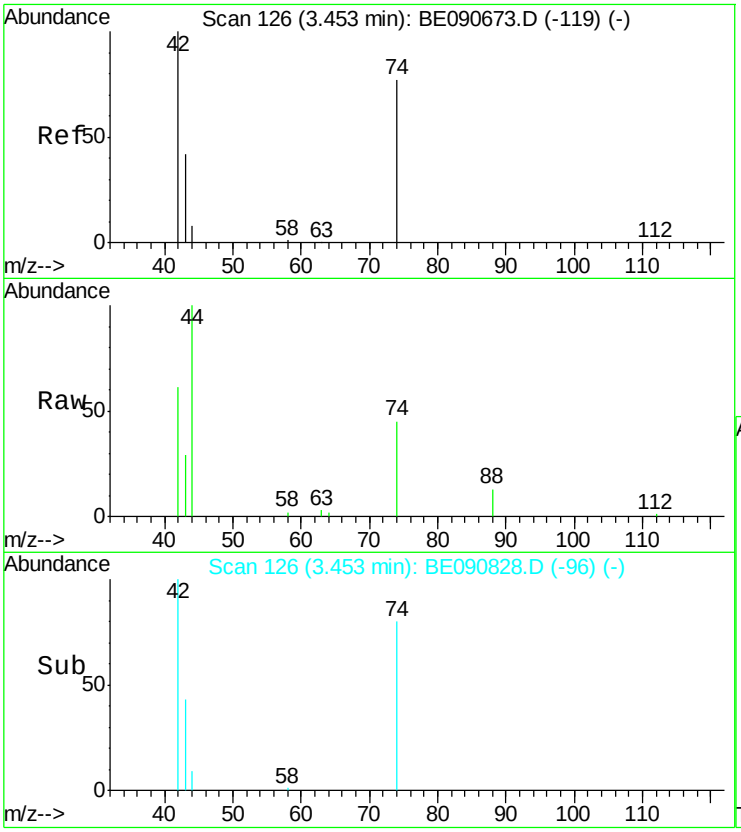


#2
1,4-Dioxane
Concen: 1.03 ng
RT: 3.15 min Scan# 82
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion: 88 Resp: 3837

Ion	Ratio	Lower	Upper
88	100		
58	88.2	68.4	102.6
43	32.0	26.9	40.3





#3
n-Nitrosodimethylamine
Concen: 0.81 ng
RT: 3.45 min Scan# 126
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion: 42 Resp: 3904

Ion	Ratio	Lower	Upper
42	100		
74	108.7	83.7	125.5
44	0.0	10.0	15.0#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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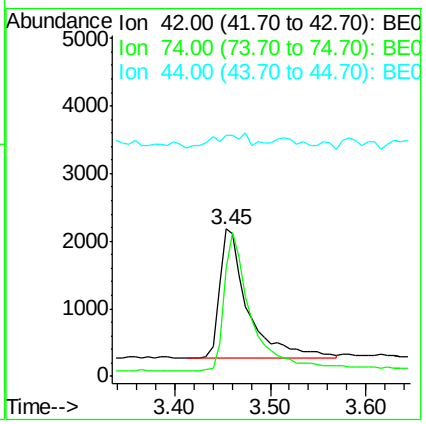
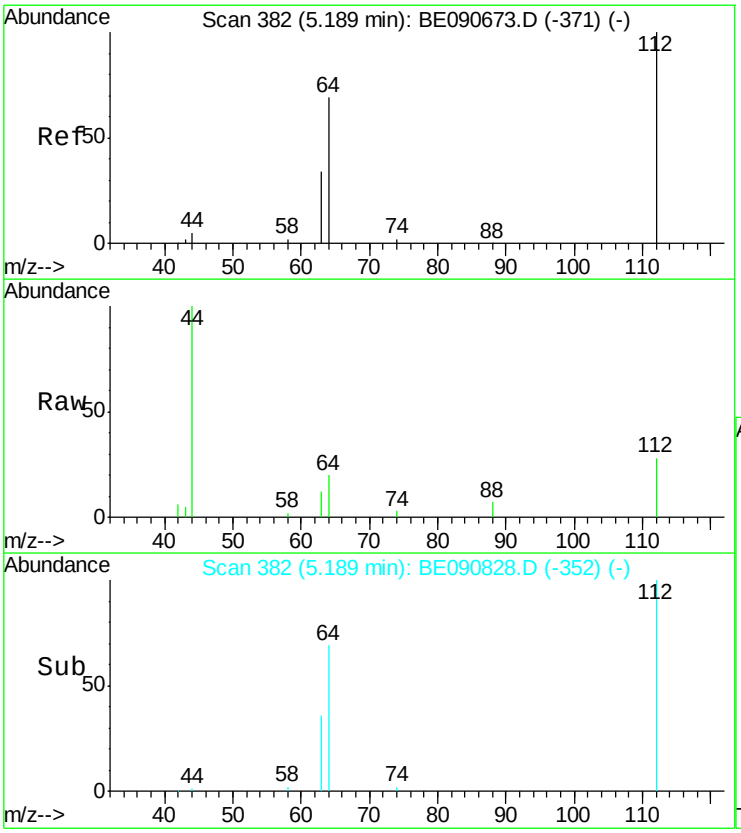
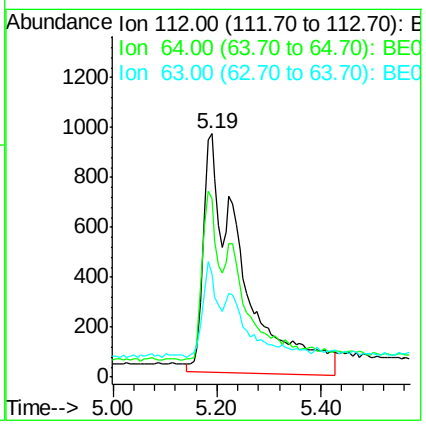


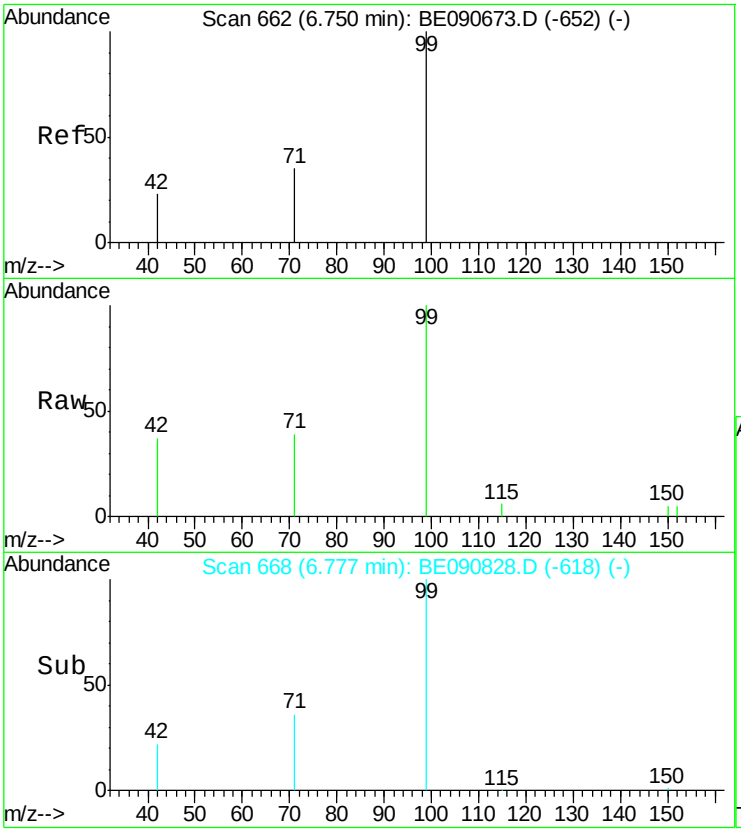


#4
2-Fluorophenol
Concen: 1.02 ng m
RT: 5.19 min Scan# 382
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:112 Resp: 4923

Ion	Ratio	Lower	Upper
112	100		
64	28.6	57.3	85.9#
63	14.8	29.2	43.8#





#5
Phenol-d6
Concen: 0.82 ng
RT: 6.78 min Scan# 668
Delta R.T. 0.03 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion: 99 Resp: 5740

Ion	Ratio	Lower	Upper
99	100		
42	22.4	16.8	25.2
71	32.9	28.3	42.5

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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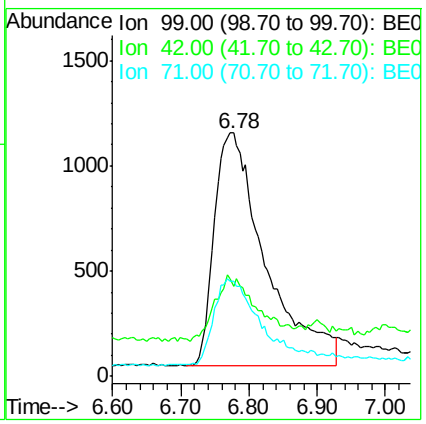
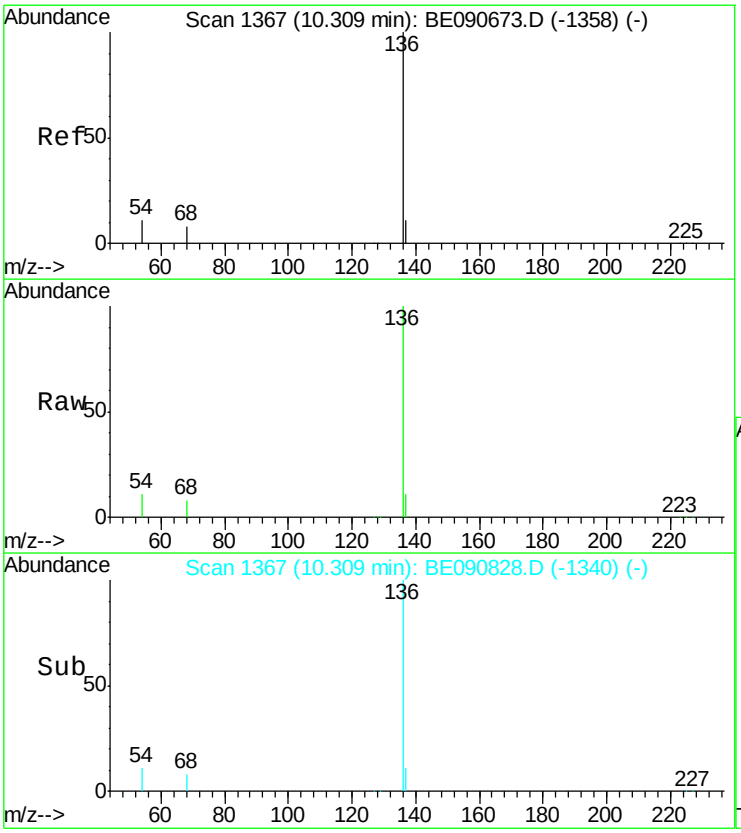
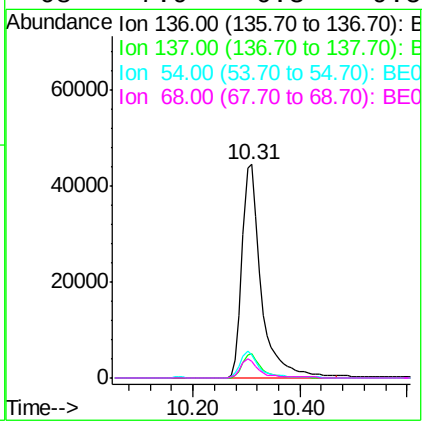


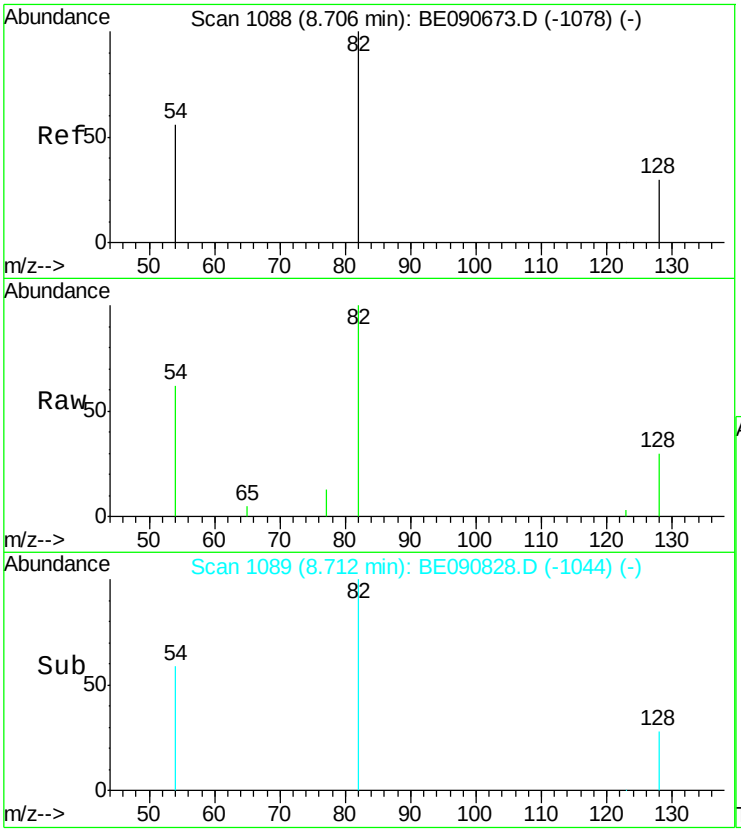


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.31 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:136 Resp: 110228

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	11.0	9.0	13.6
68	7.9	6.3	9.5

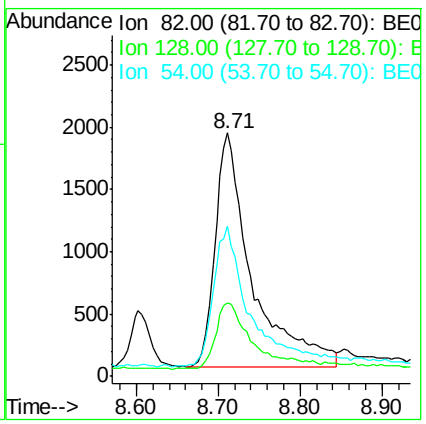




#7
Nitrobenzene-d5
Concen: 0.80 ng
RT: 8.71 min Scan# 1089
Delta R.T. 0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion: 82 Resp: 5827

Ion	Ratio	Lower	Upper
82	100		
128	29.9	25.0	37.4
54	61.5	46.3	69.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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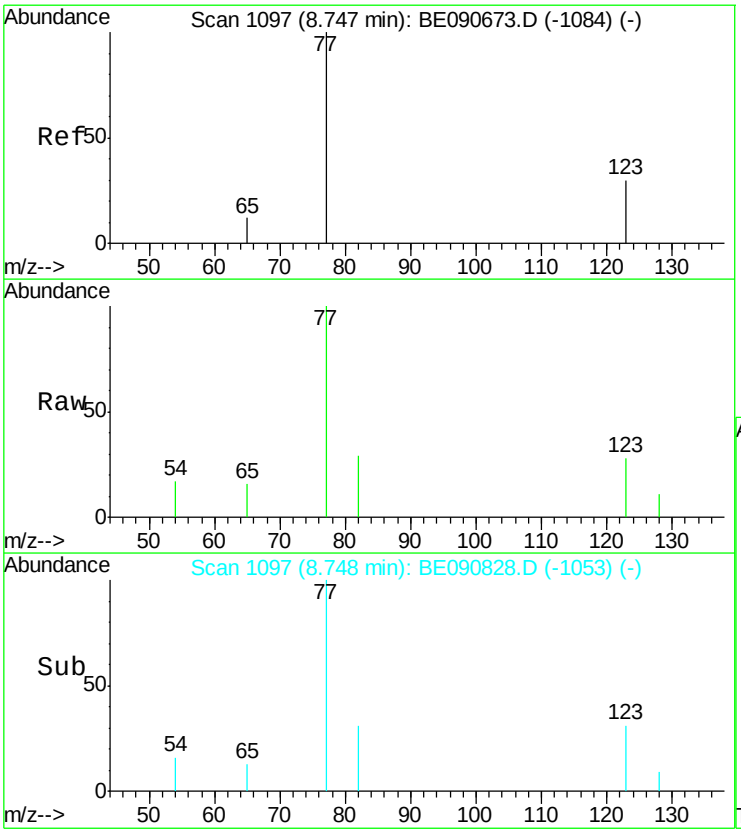
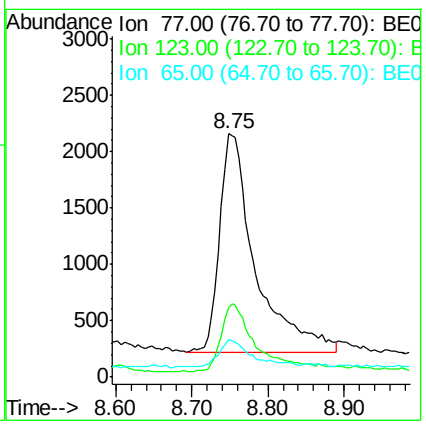
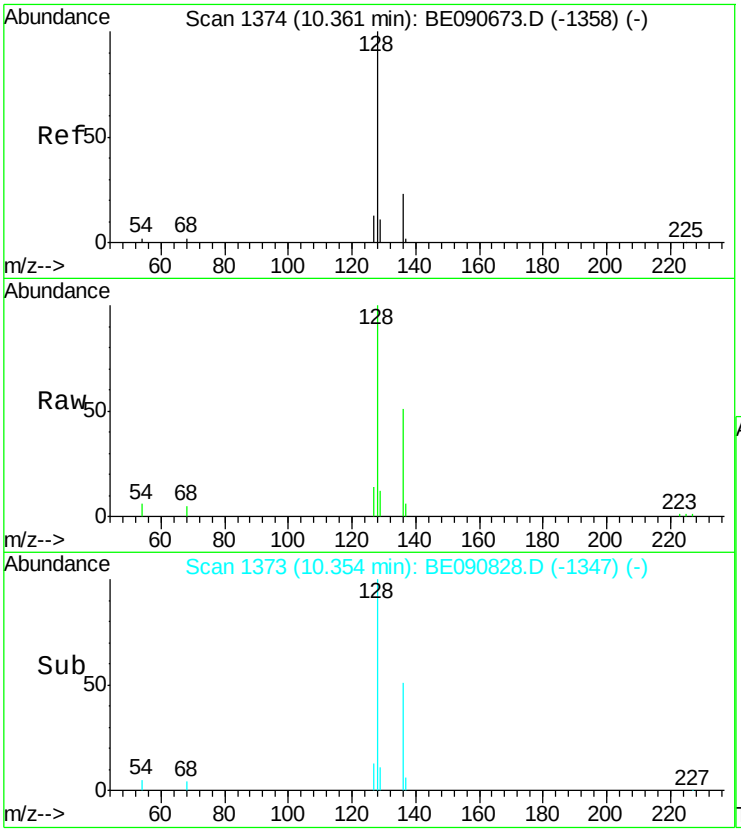


#8
Nitrobenzene
Concen: 0.80 ng
RT: 8.75 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion: 77 Resp: 6319

Ion	Ratio	Lower	Upper
77	100		
123	30.1	25.1	37.7
65	11.3	9.9	14.9

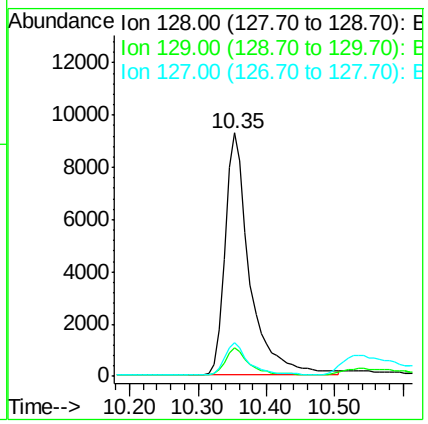




#9
Naphthalene
Concen: 0.95 ng
RT: 10.35 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:128 Resp: 22823

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.6	10.6	15.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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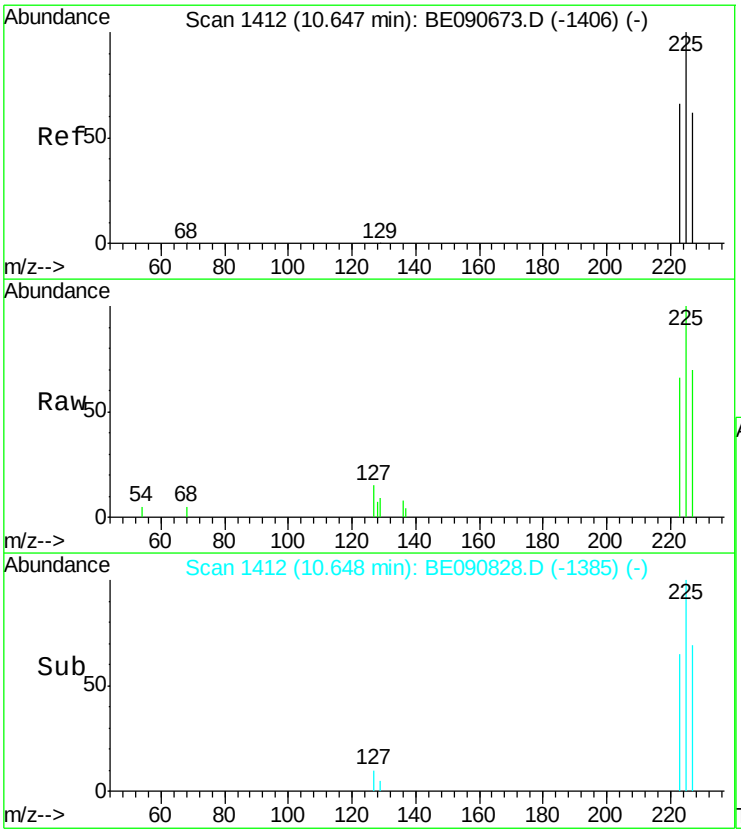
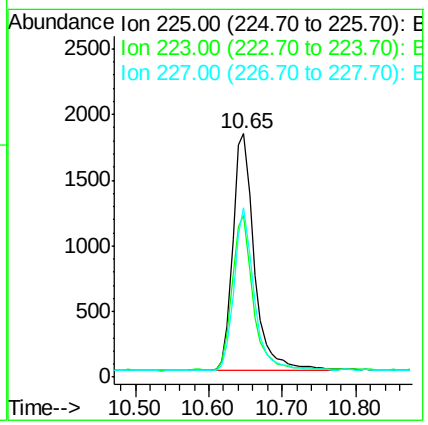
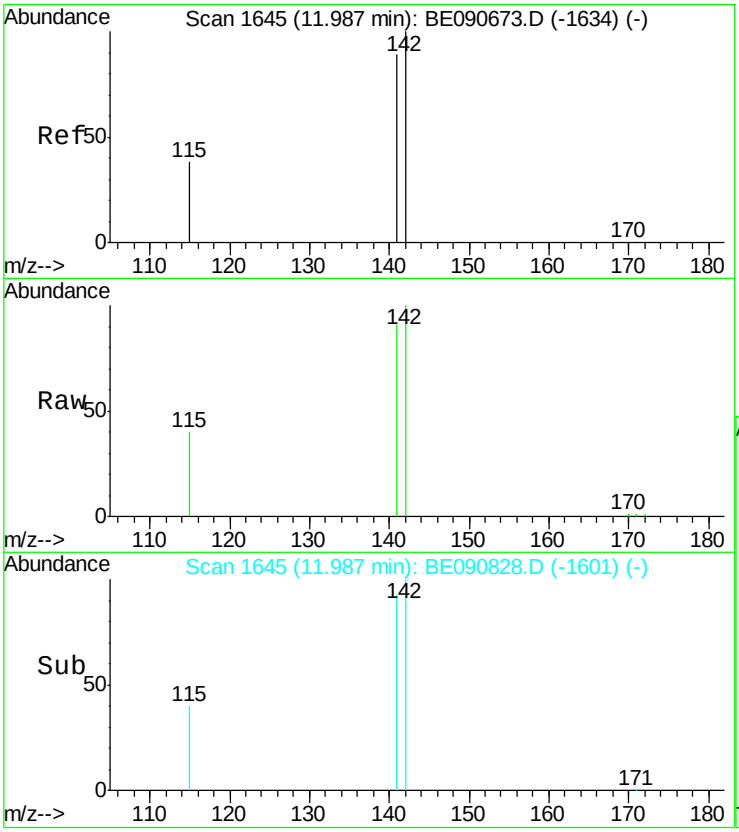


#10
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.65 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:225 Resp: 3686

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.8	51.0	76.6

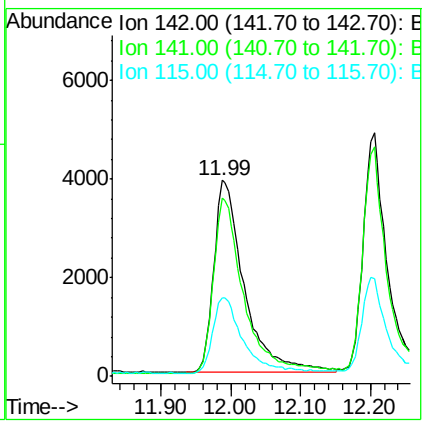




#11
2-Methylnaphthalene
Concen: 0.92 ng
RT: 11.99 min Scan# 1645
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:142 Resp: 12003

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2
115	40.1	31.0	46.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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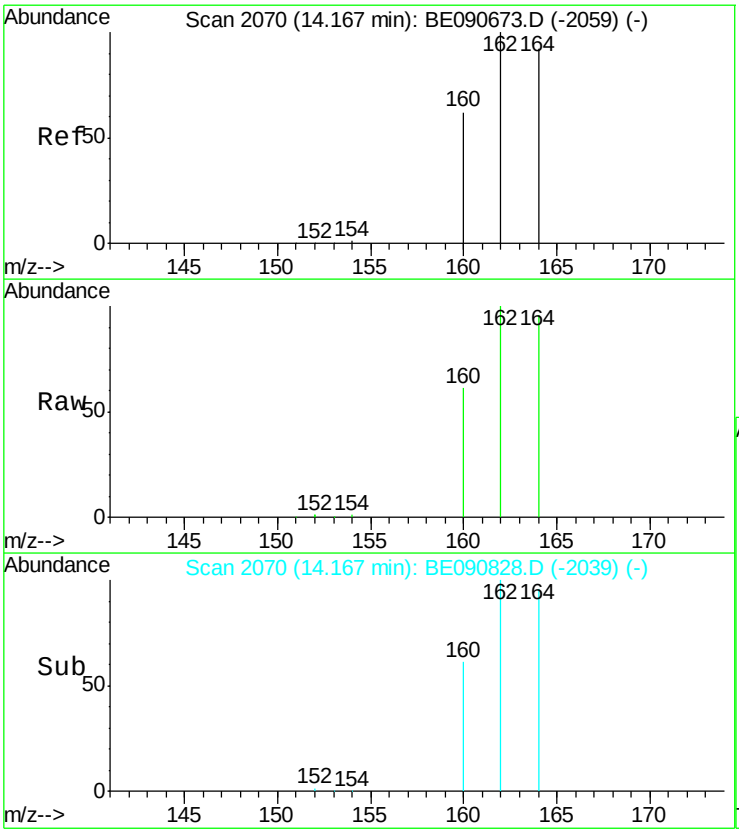
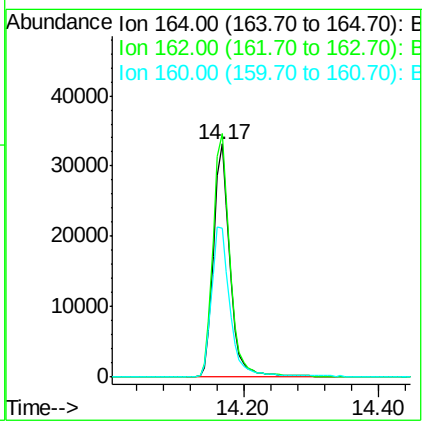
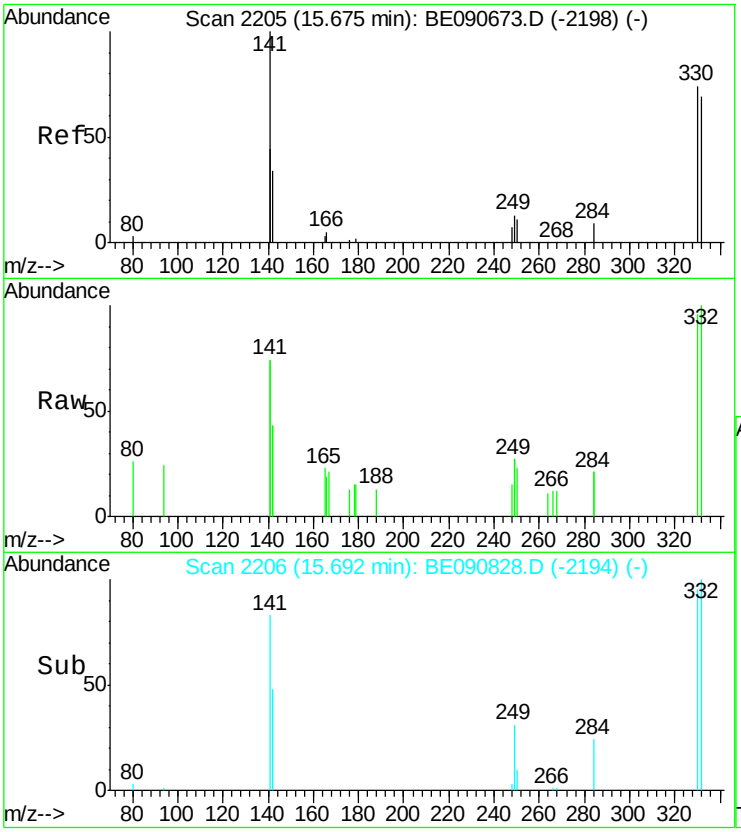


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.17 min Scan# 2070
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:164 Resp: 55411

Ion	Ratio	Lower	Upper
164	100		
162	104.5	86.8	130.2
160	63.9	53.9	80.9

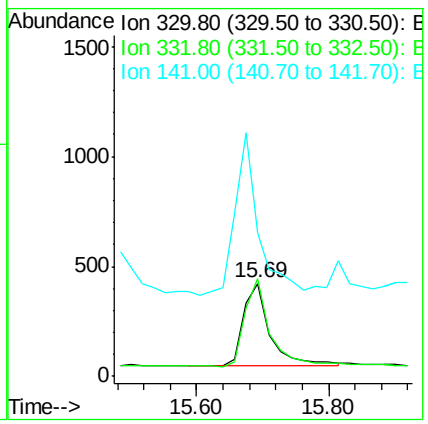




#13
2,4,6-Tribromophenol
Concen: 0.80 ng
RT: 15.69 min Scan# 2206
Delta R.T. 0.02 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:330 Resp: 1070

Ion	Ratio	Lower	Upper
330	100		
332	98.8	74.9	112.3
141	171.7	145.2	217.8



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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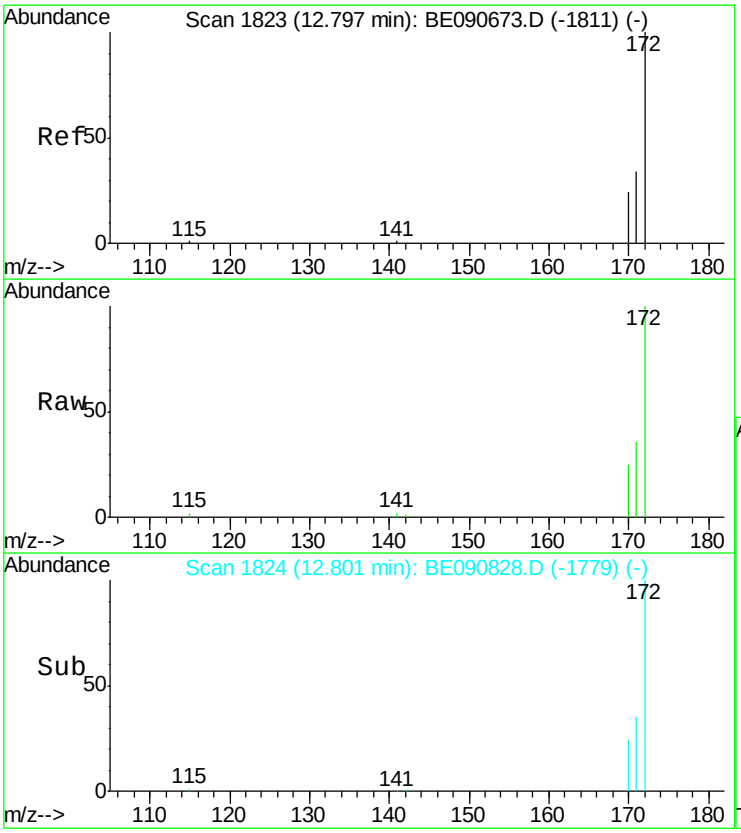
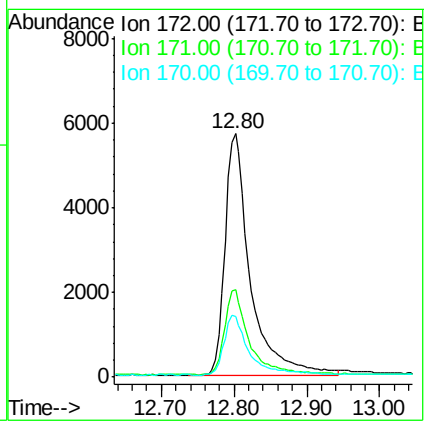
9/16/2015 1:24:38 PM

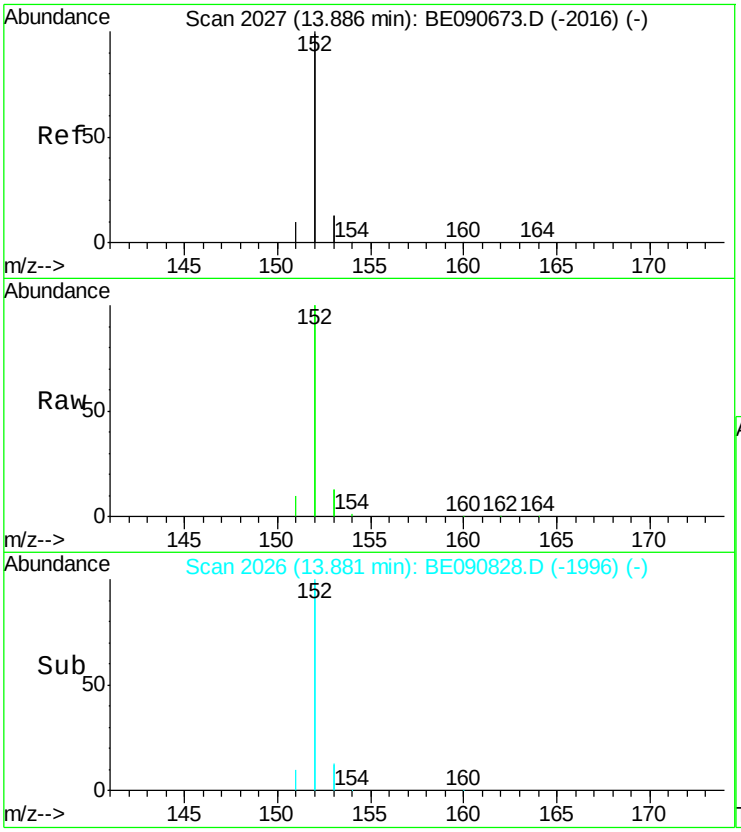


#14
2-Fluorobiphenyl
Concen: 0.90 ng
RT: 12.80 min Scan# 1824
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:172 Resp: 13750

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.8	41.8
170	25.1	19.8	29.6

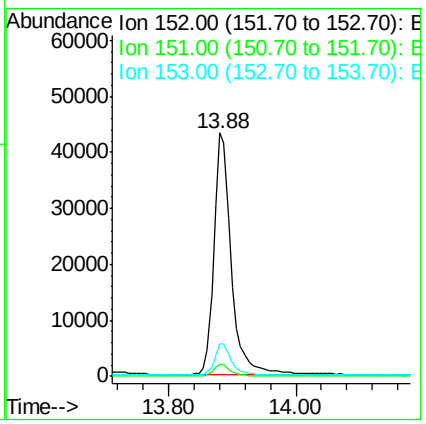




#15
Acenaphthylene
Concen: 0.92 ng
RT: 13.88 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:152 Resp: 81351

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.7	10.3	15.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
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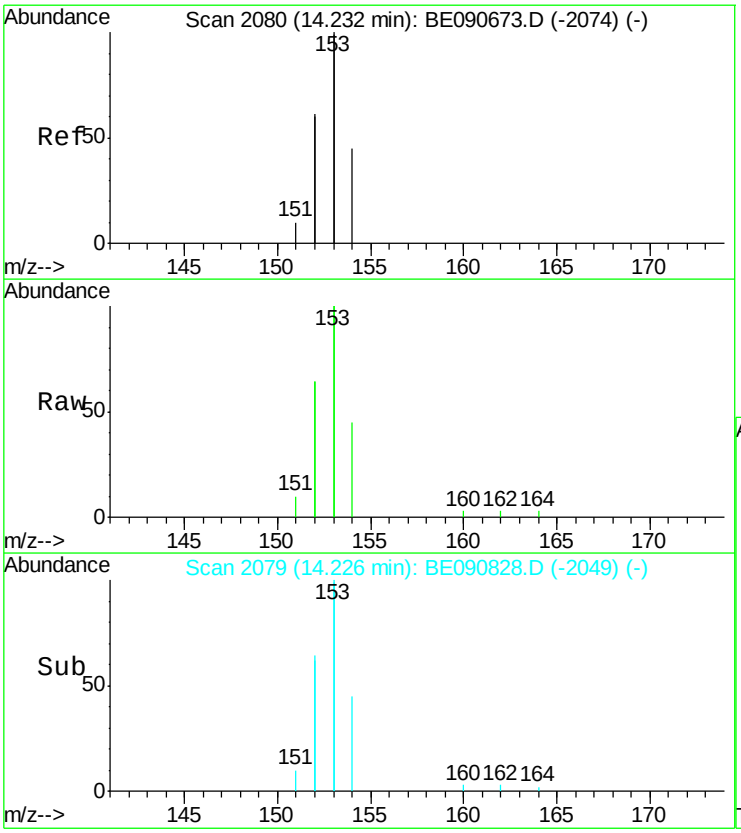
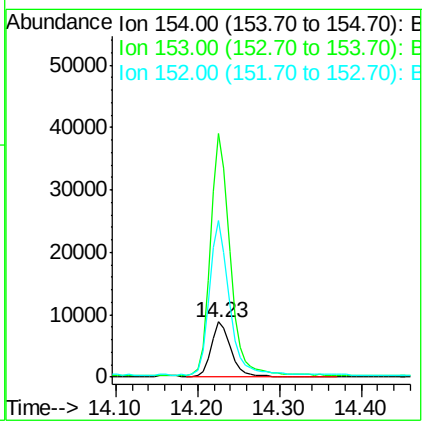
9/16/2015 1:24:38 PM

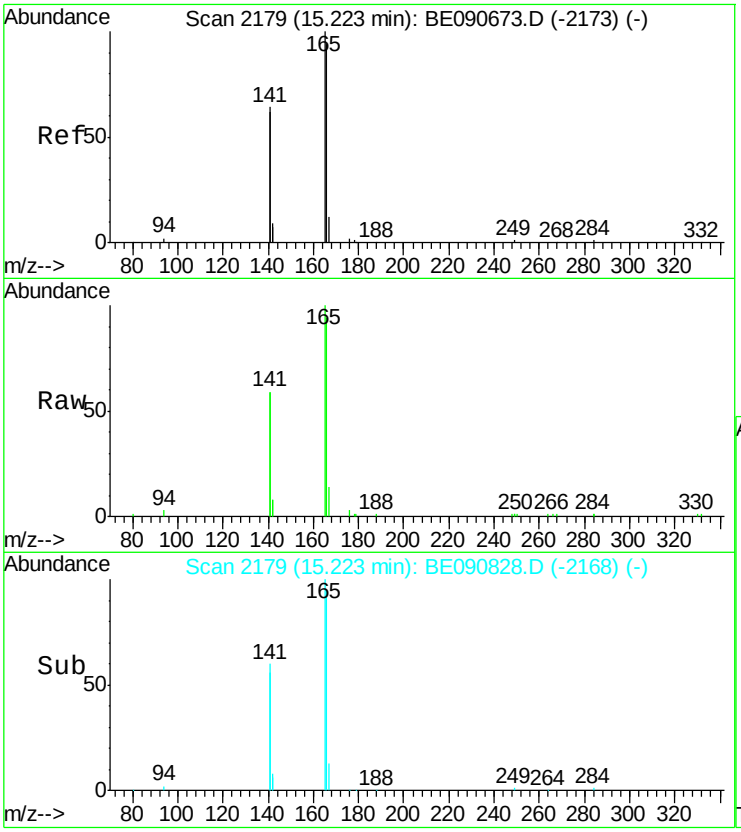


#16
Acenaphthene
Concen: 0.99 ng
RT: 14.23 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:154 Resp: 14608

Ion	Ratio	Lower	Upper
154	100		
153	441.5	354.5	531.7
152	287.5	227.8	341.6

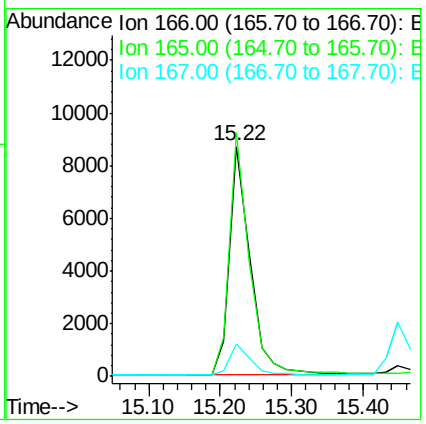




#17
Fluorene
Concen: 0.94 ng
RT: 15.22 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:166 Resp: 17319

Ion	Ratio	Lower	Upper
166	100		
165	102.1	82.7	124.1
167	13.8	10.7	16.1



Instrument :
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ClientSampleId :
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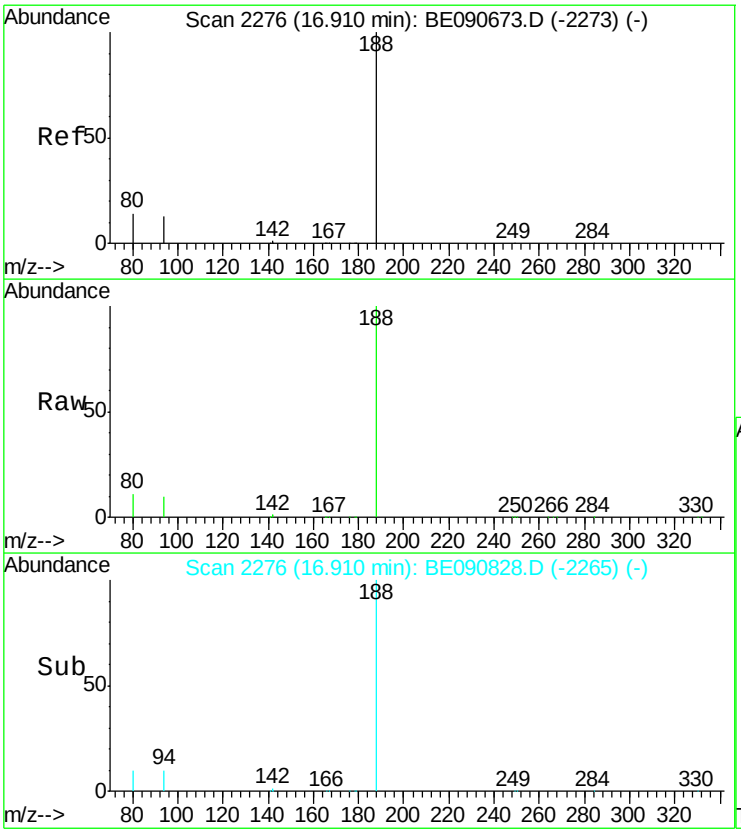
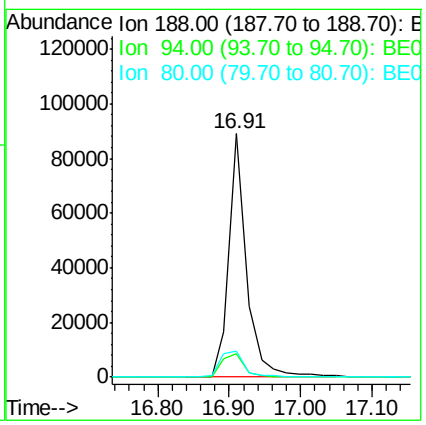
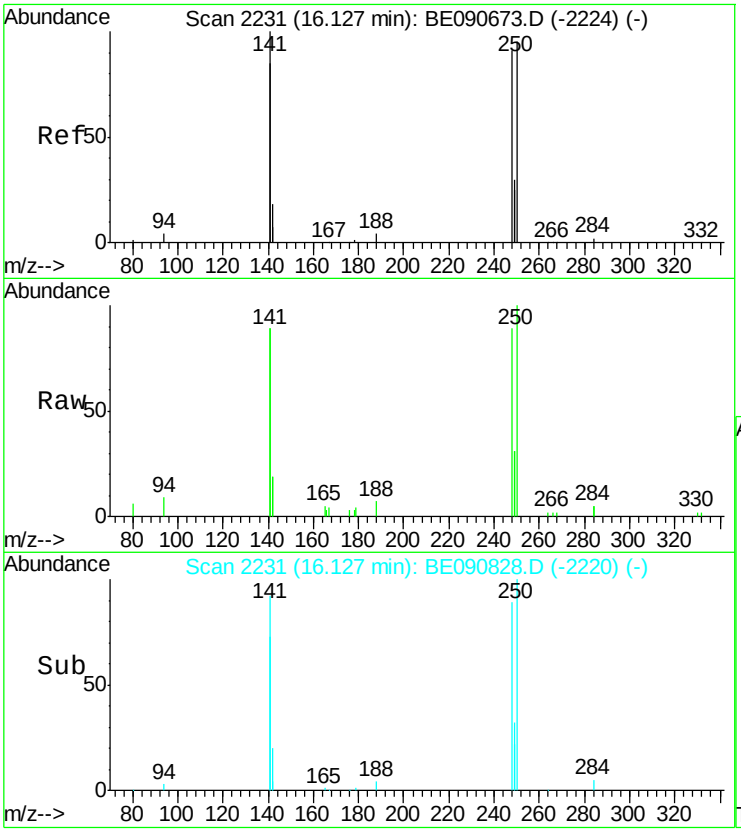


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.91 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:188 Resp: 151439

Ion	Ratio	Lower	Upper
188	100		
94	9.8	10.3	15.5#
80	10.6	11.0	16.6#

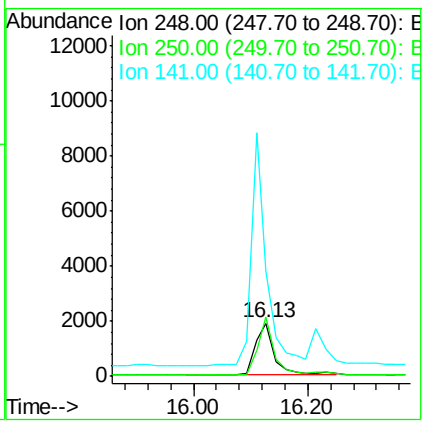




#19
4-Bromophenyl-phenylether
Concen: 0.85 ng
RT: 16.13 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:248 Resp: 4392

Ion	Ratio	Lower	Upper
248	100		
250	99.3	76.7	115.1
141	357.2	292.6	439.0



Instrument :
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ClientSampleId :
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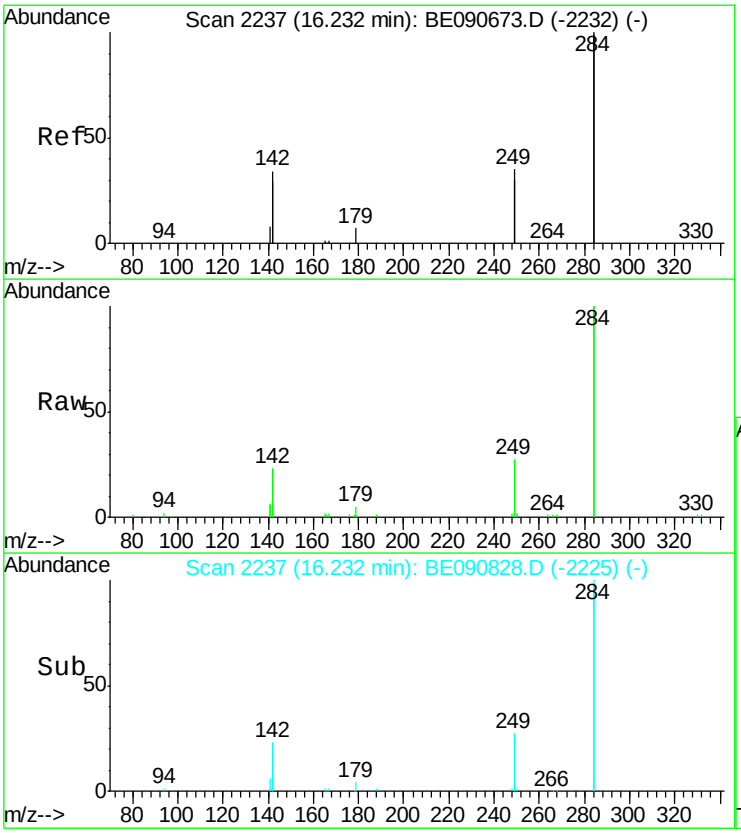
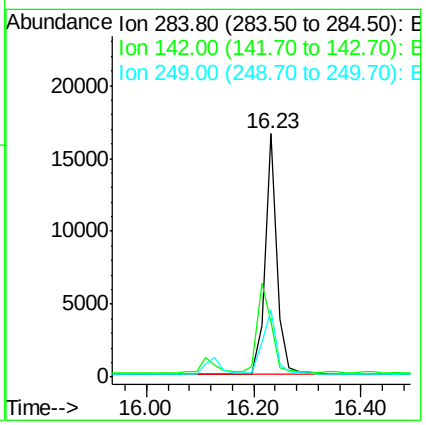
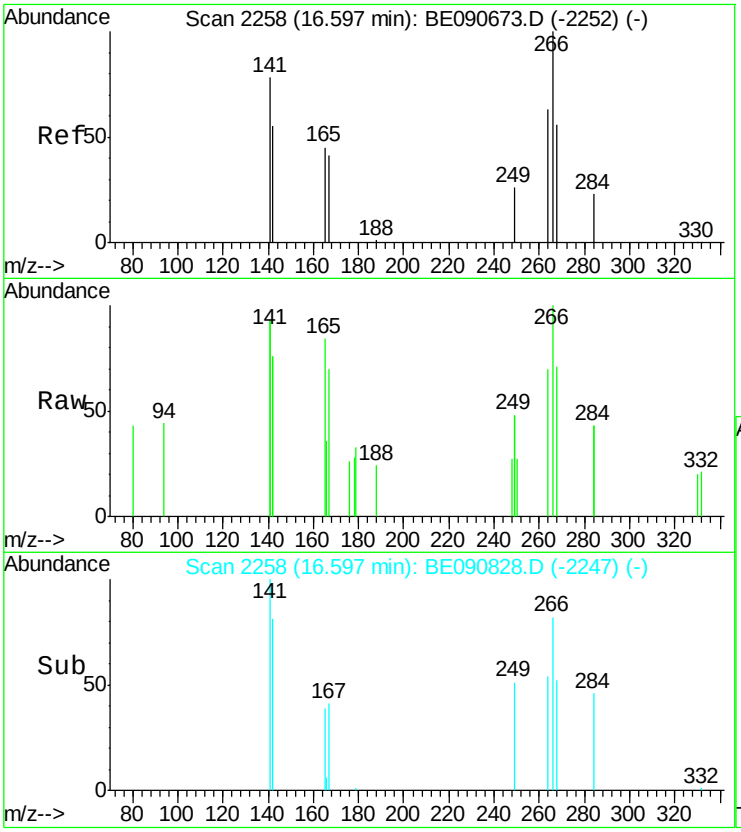


#20
Hexachlorobenzene
Concen: 0.95 ng
RT: 16.23 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:284 Resp: 25791

Ion	Ratio	Lower	Upper
284	100		
142	43.1	35.0	52.4
249	30.4	25.5	38.3

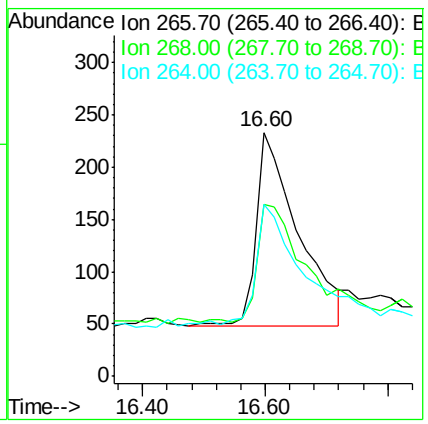




#21
Pentachlorophenol
Concen: 0.85 ng
RT: 16.60 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:266 Resp: 878

Ion	Ratio	Lower	Upper
266	100		
268	70.8	49.6	74.4
264	70.4	53.9	80.9



Instrument :
BNA_E
ClientSampleId :
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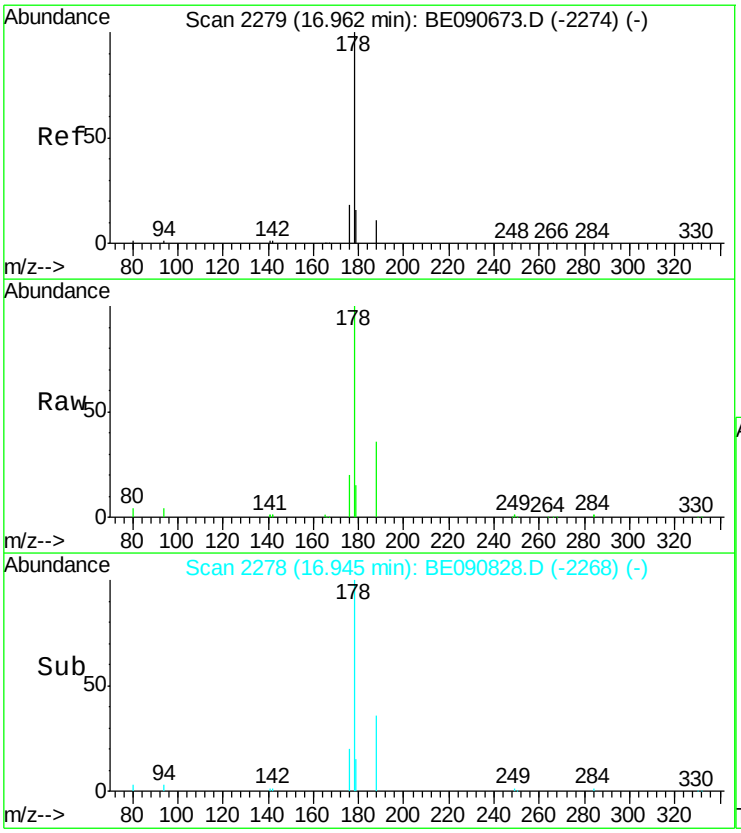
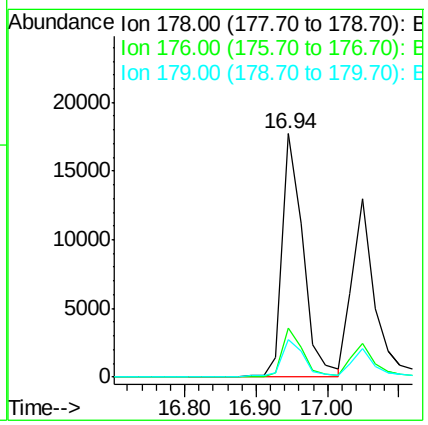
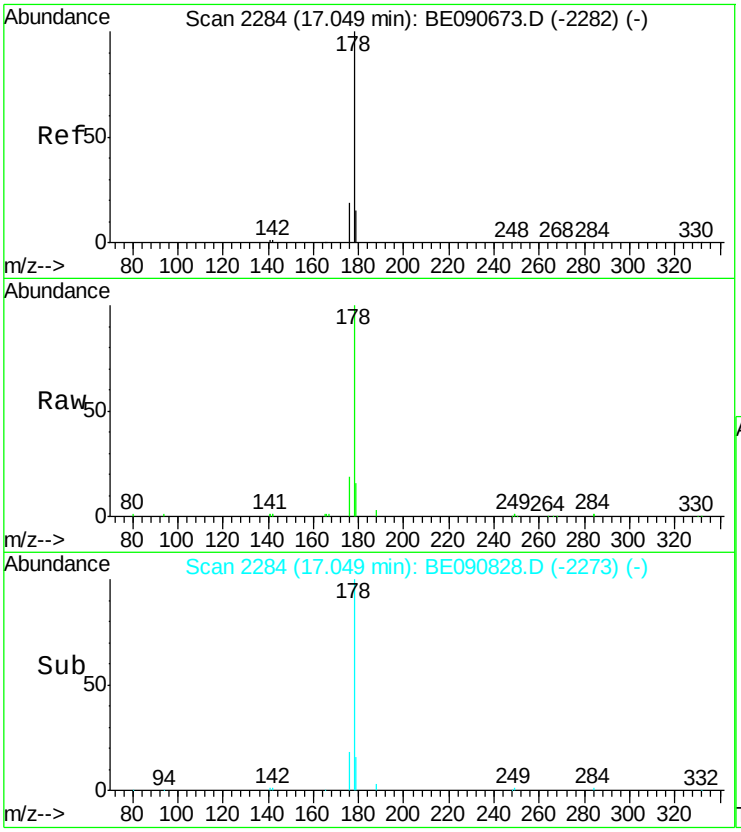


#22
Phenanthrene
Concen: 0.94 ng
RT: 16.94 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:178 Resp: 35274

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	16.1	12.8	19.2





#23
Anthracene
Concen: 0.88 ng
RT: 17.05 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:178 Resp: 27590

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.1	12.3	18.5

Instrument :
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ClientSampleId :
SSTDCCC001

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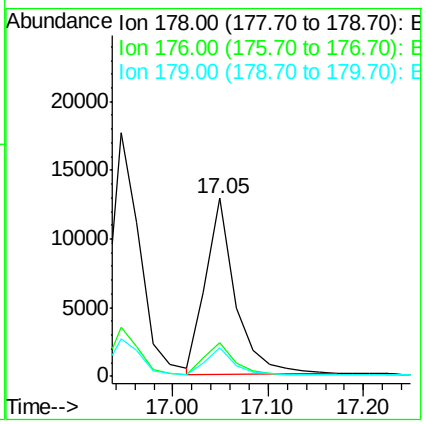
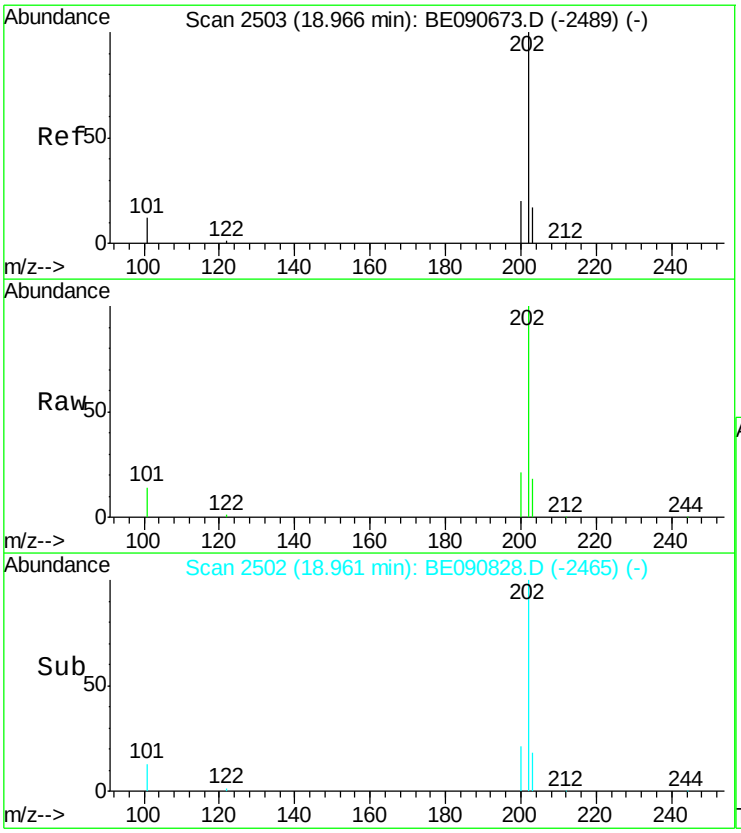
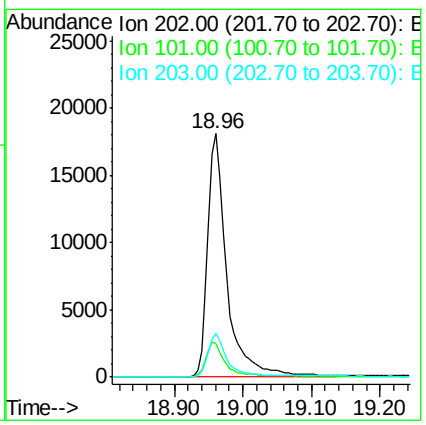


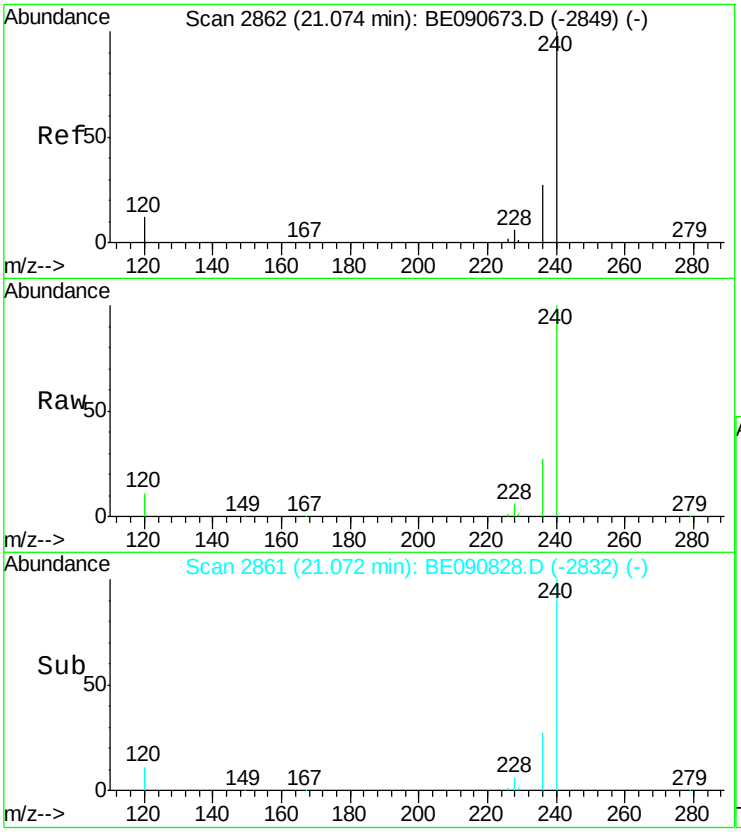


#24
Fluoranthene
Concen: 0.87 ng
RT: 18.96 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:202 Resp: 34374

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.6
203	17.1	13.9	20.9

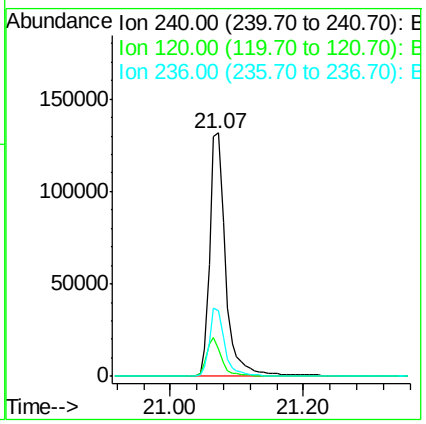




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:240 Resp: 213331

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.1	15.1
236	26.9	21.9	32.9



Instrument :
BNA_E
ClientSampleId :
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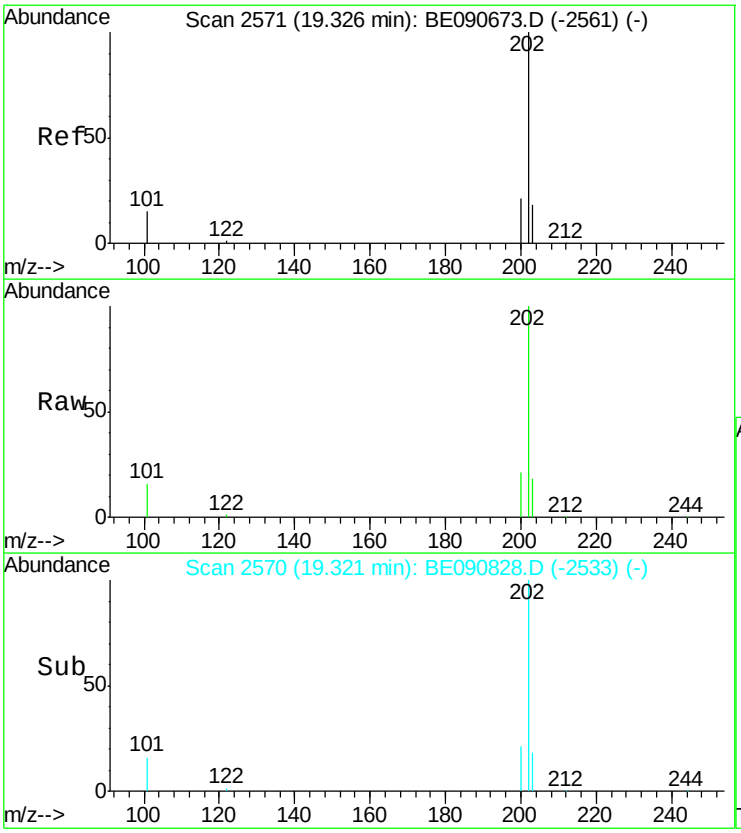
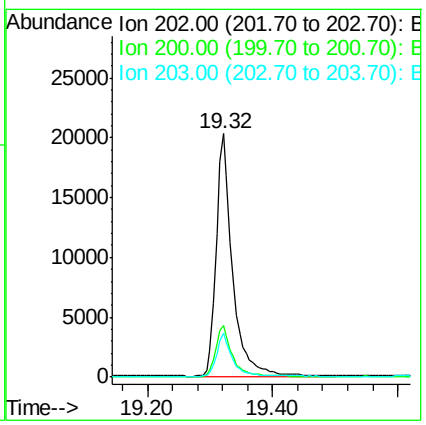
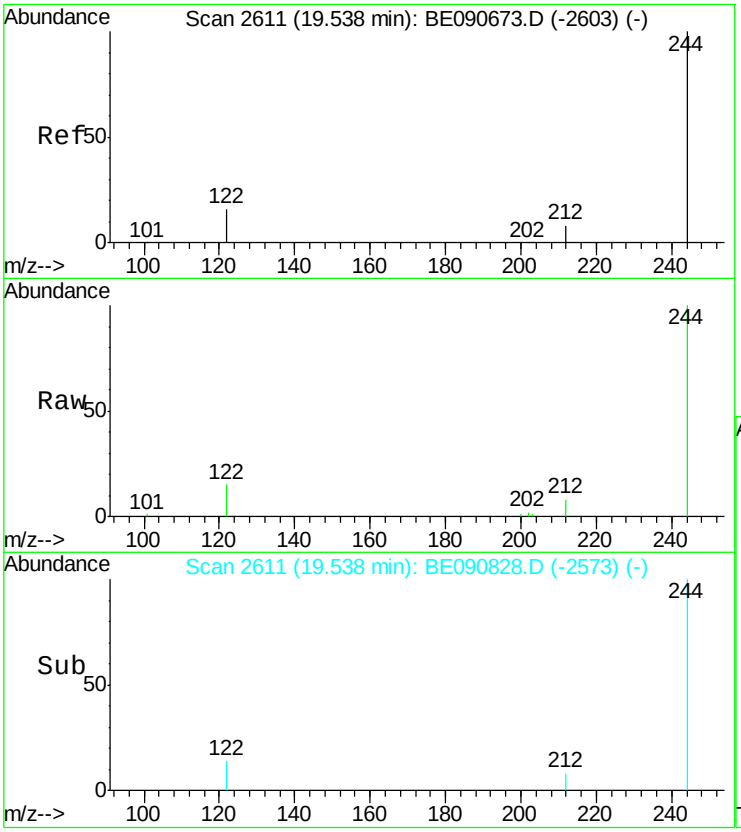


#26
Pyrene
Concen: 0.83 ng
RT: 19.32 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:202 Resp: 36622

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	17.0	13.8	20.6

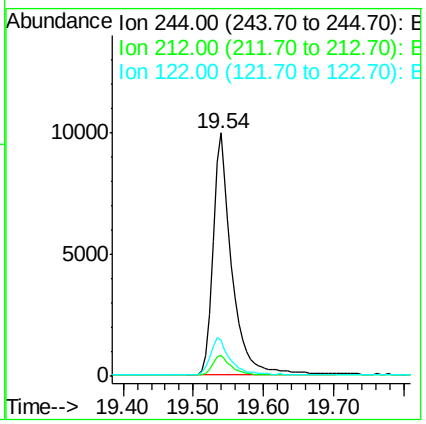




#27
Terphenyl-d14
Concen: 0.80 ng
RT: 19.54 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:244 Resp: 18876

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	15.0	12.9	19.3



Instrument :
BNA_E
ClientSampleId :
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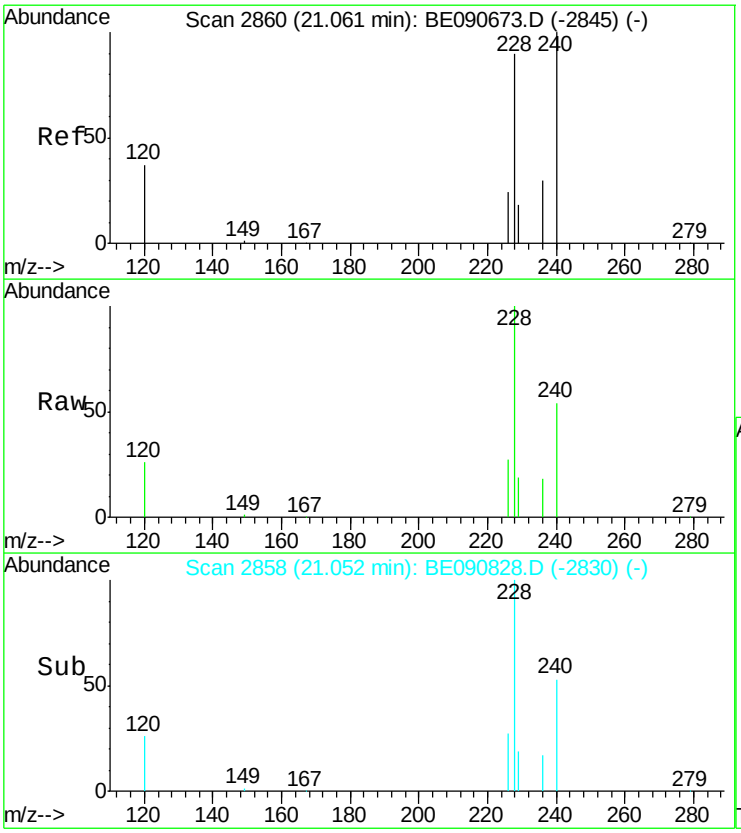
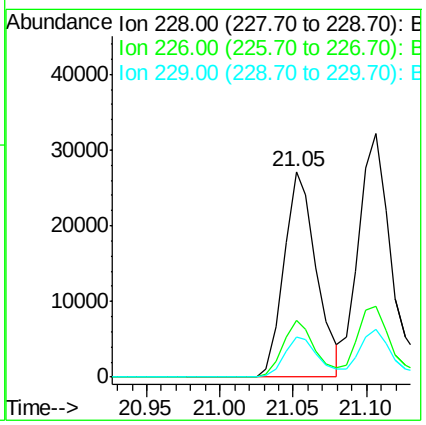
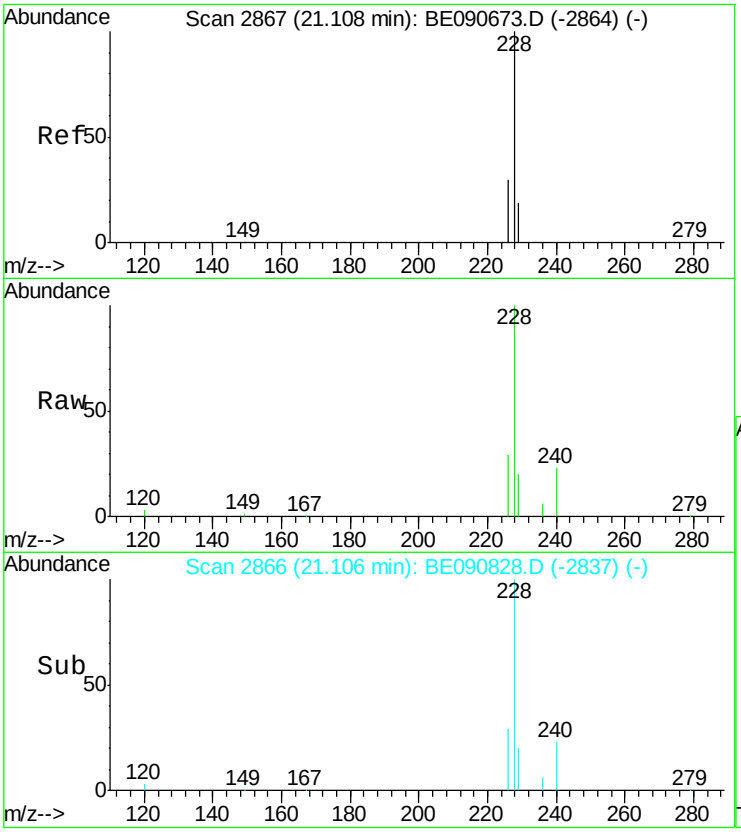


#28
Benzo(a)anthracene
Concen: 0.88 ng
RT: 21.05 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:228 Resp: 41830

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.6	32.4
229	19.3	15.9	23.9

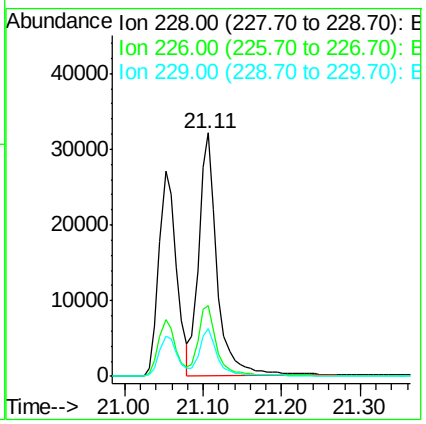




#29
Chrysene
Concen: 1.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.00 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:228 Resp: 52043

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.2	36.4
229	19.7	15.3	22.9



Instrument :
BNA_E
ClientSampleId :
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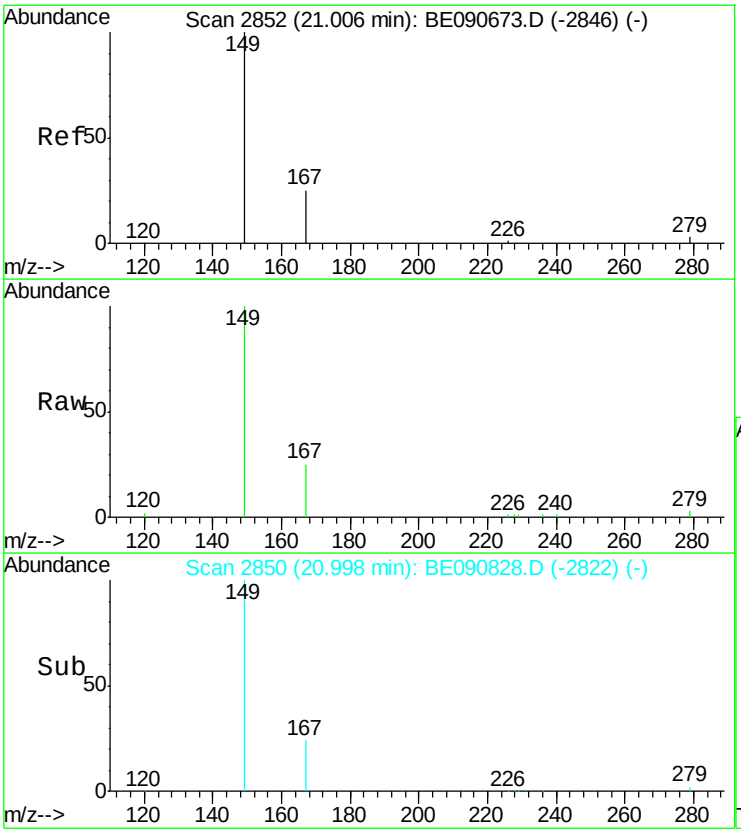
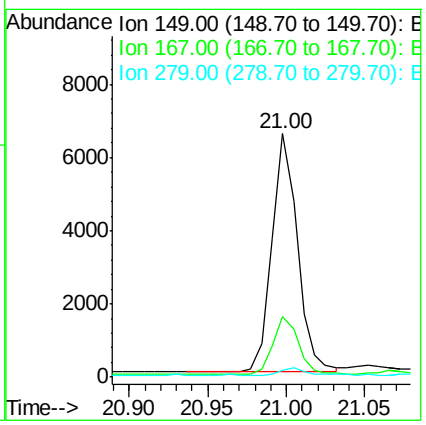
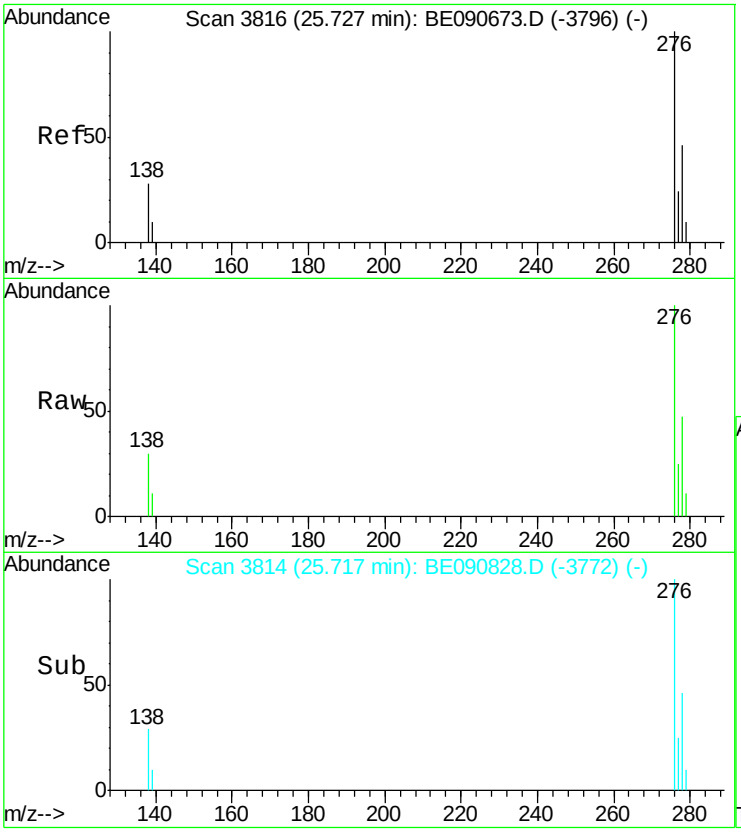


#30
Bis(2-ethylhexyl)phthalate
Concen: 0.64 ng
RT: 21.00 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:149 Resp: 7356

Ion	Ratio	Lower	Upper
149	100		
167	24.7	20.1	30.1
279	3.1	2.3	3.5





#31
Indeno(1,2,3-cd)pyrene
Concen: 0.91 ng
RT: 25.72 min Scan# 3814
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Instrument :
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ClientSampleId :
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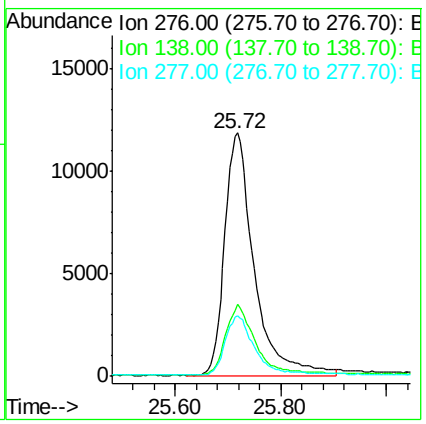
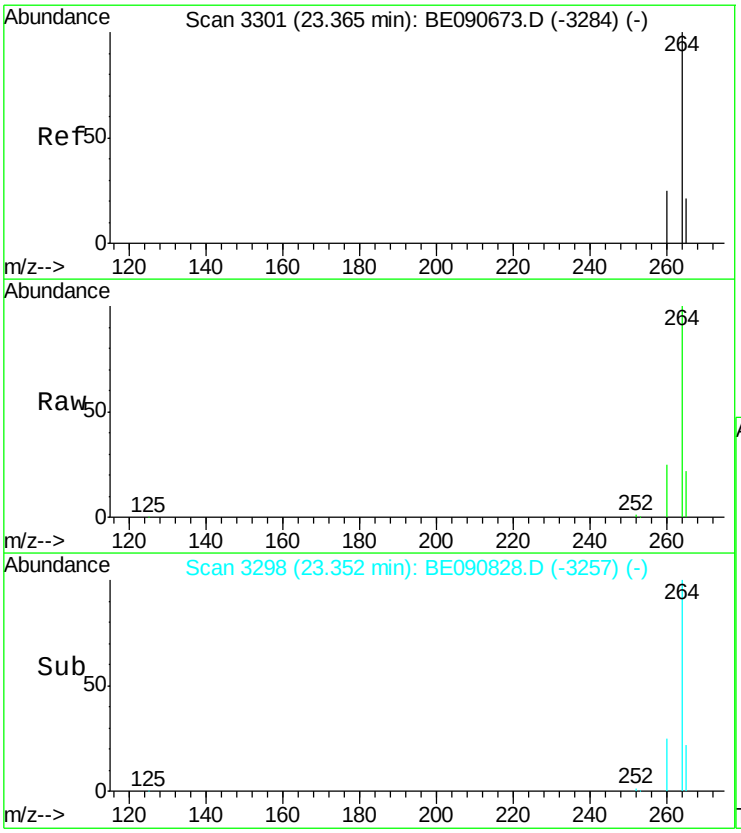
Tgt Ion:276 Resp: 45840

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.3	34.9
277	24.8	19.8	29.6

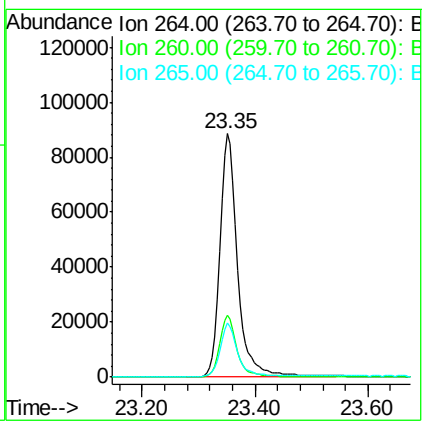


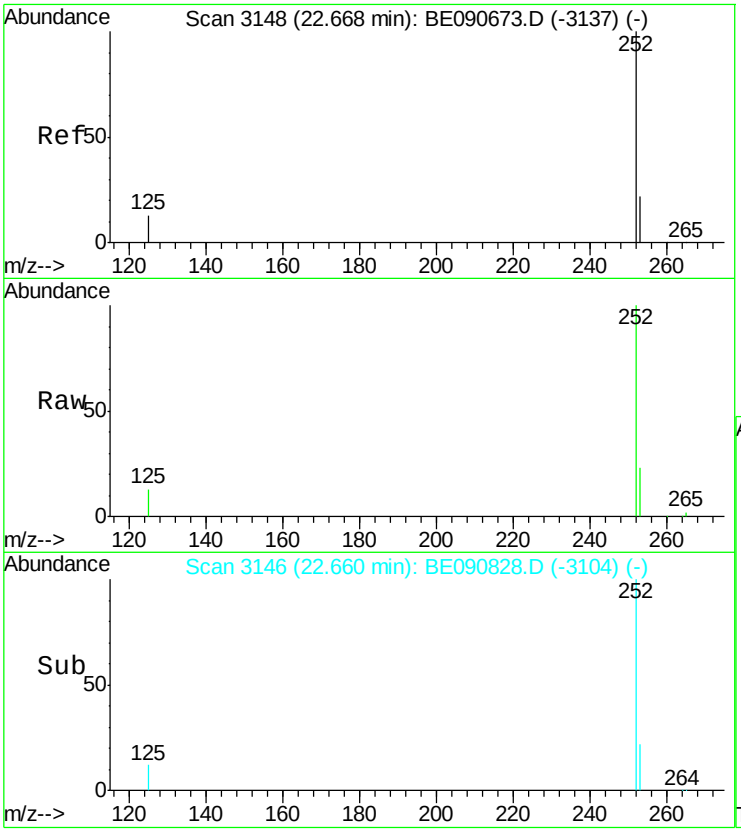


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.35 min Scan# 3298
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:264 Resp: 191204

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.7	29.5
265	22.1	17.5	26.3

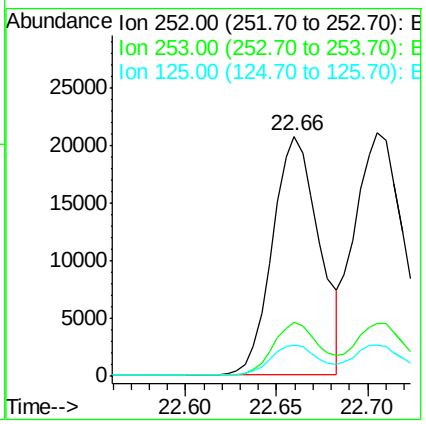




#33
Benzo(b)fluoranthene
Concen: 0.89 ng
RT: 22.66 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:252 Resp: 36969

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	13.0	10.6	16.0



Instrument :
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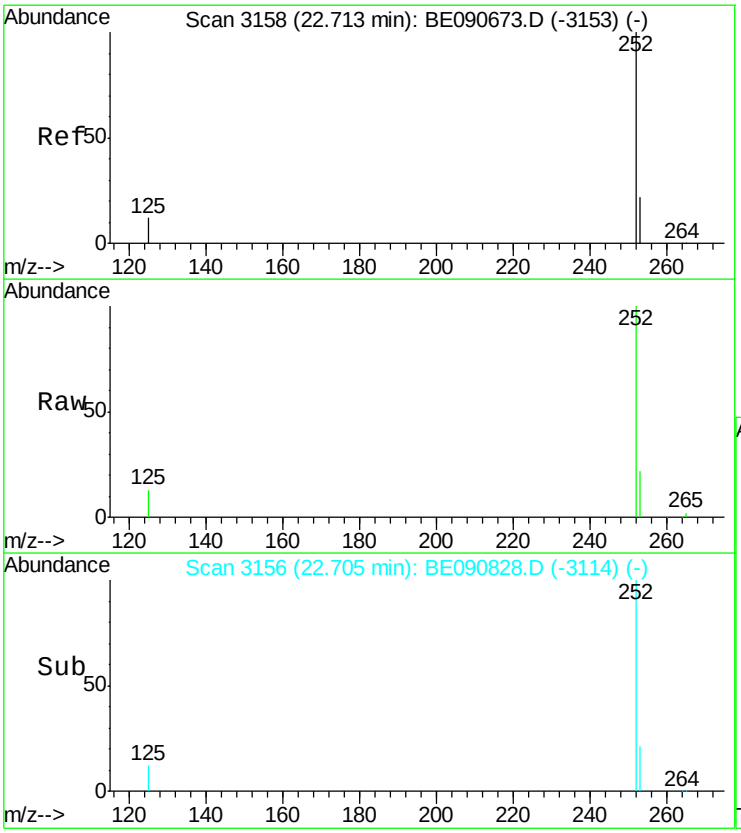
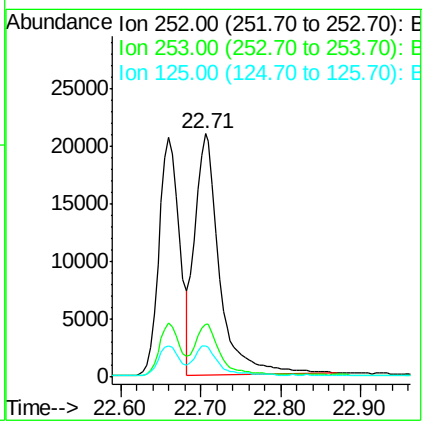
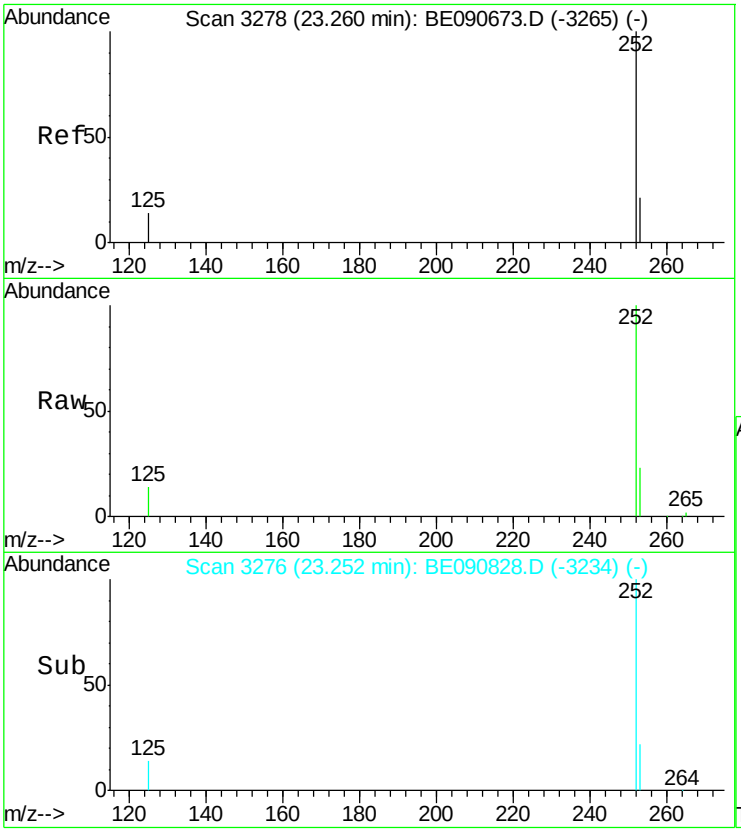


#34
Benzo(k)fluoranthene
Concen: 0.92 ng
RT: 22.71 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:252 Resp: 44418

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	13.0	10.1	15.1





#35
Benzo(a)pyrene
Concen: 0.88 ng
RT: 23.25 min Scan# 3276
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:252 Resp: 32617

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	14.5	11.6	17.4

Instrument :
BNA_E
ClientSampleId :
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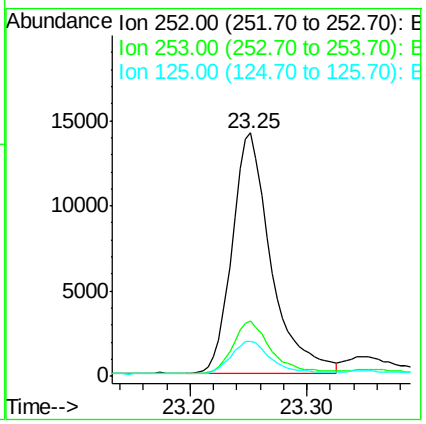
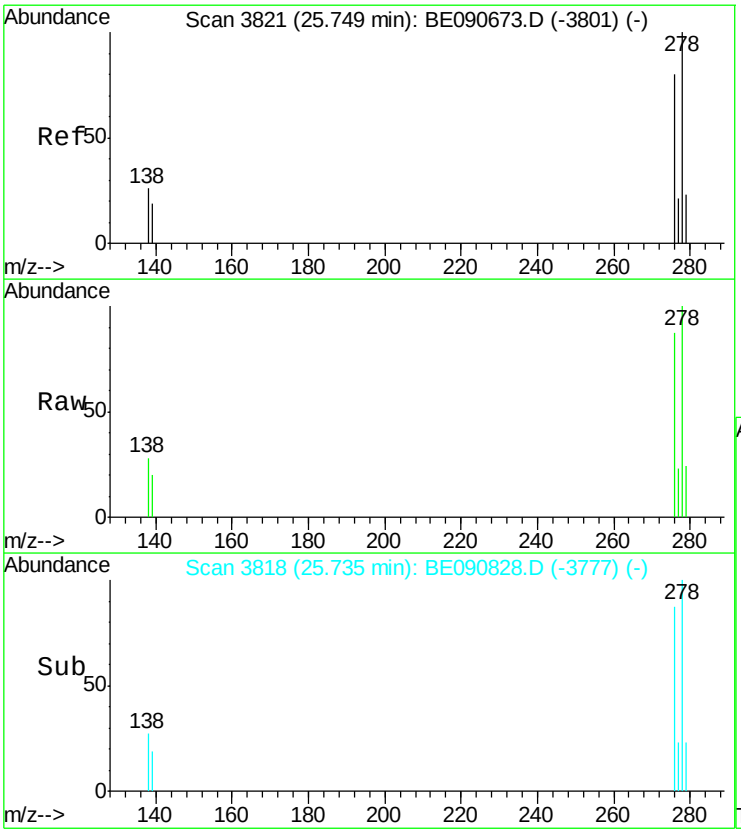
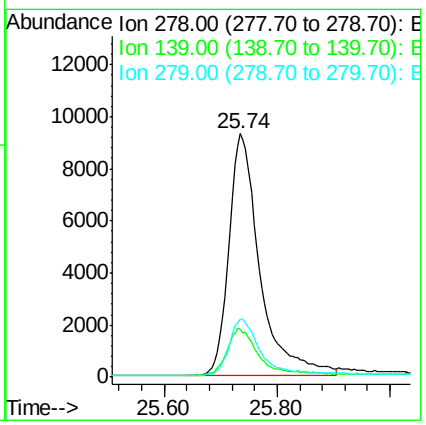


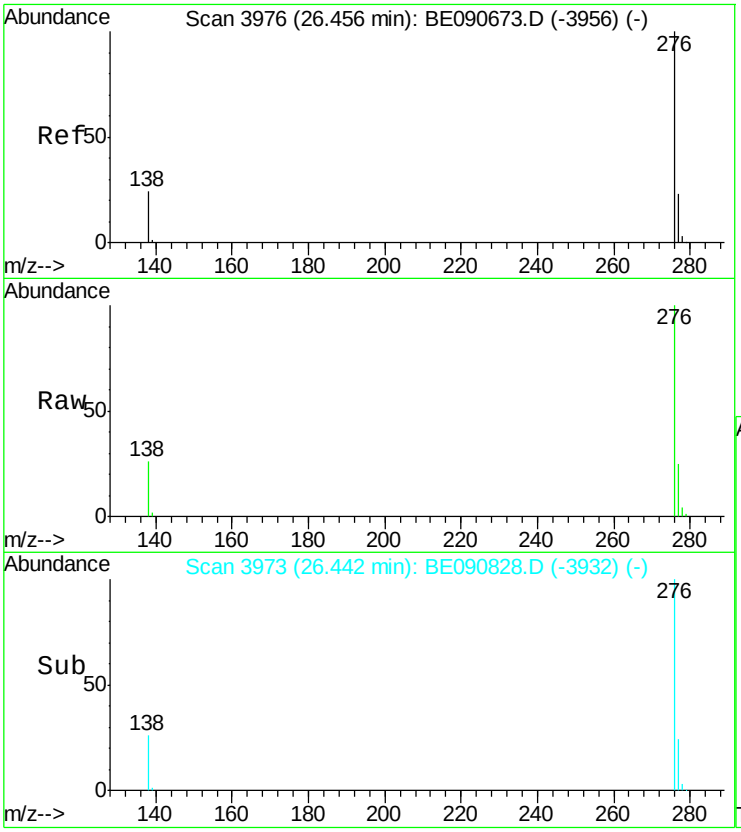


#36
Dibenzo(a,h)anthracene
Concen: 0.88 ng
RT: 25.74 min Scan# 3818
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:278 Resp: 34683

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.4	23.0
279	24.0	18.8	28.2

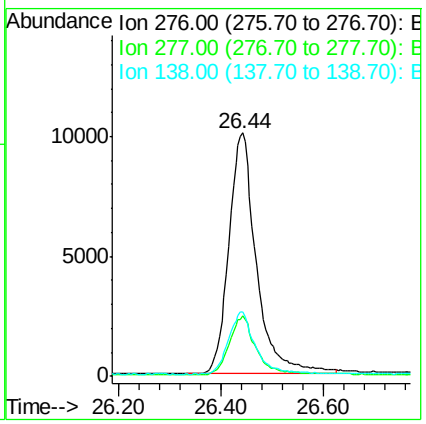




#37
Benzo(g,h,i)perylene
Concen: 0.89 ng
RT: 26.44 min Scan# 3973
Delta R.T. -0.01 min
Lab File: BE090828.D
Acq: 15 Sep 2015 10:56

Tgt Ion:276 Resp: 37774

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.5	27.7
138	26.5	20.1	30.1



Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Manual Integrations APPROVED
MMDadoda
9/16/2015 1:24:38 PM