Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090328.D
Acq On : 4 Aug 2015 2:38
Operator : TP/UM
Sample : PB84793BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Manual Integrations APPROVED
MMDadoda
8/4/2015 3:27:14 PM

Quant Time: Aug 04 07:44:19 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	13455	5.00	ng		0.00
6) Naphthalene-d8	10.35	136	59126	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	30529	5.00	ng		0.00
18) Phenanthrene-d10	16.94	188	66824	5.00	ng		0.00
25) Chrysene-d12	21.11	240	61845	5.00	ng		0.00
32) Perylene-d12	23.42	264	50947	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	11086	4.31	ng		0.00
5) Phenol-d6	6.78	99	14448	4.57	ng		0.00
7) Nitrobenzene-d5	8.73	82	9209	2.64	ng		0.00
13) 2,4,6-Tribromophenol	15.71	330	2126	4.30	ng		-0.02
14) 2-Fluorobiphenyl	12.83	172	22324	2.52	ng		0.00
27) Terphenyl-d14	19.57	244	27354	2.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	4072	2.49	ng		93
3) n-Nitrosodimethylamine	3.50	42	5548	2.44	ng	#	96
8) Nitrobenzene	8.78	77	9484	2.63	ng		96
9) Naphthalene	10.40	128	30211	2.38	ng		97
10) Hexachlorobutadiene	10.69	225	3932	2.31	ng		99
11) 2-Methylnaphthalene	12.01	142	20013	2.55	ng		98
15) Acenaphthylene	13.92	152	128950	2.42	ng		99
16) Acenaphthene	14.27	154	18829	2.44	ng		96
17) Fluorene	15.26	166	24129	2.58	ng		99
19) 4-Bromophenyl-phenylether	16.16	248	6118	2.44	ng		97
20) Hexachlorobenzene	16.27	284	22482	2.37	ng		97
21) Pentachlorophenol	16.61	266	3202	4.92	ng	#	77
22) Phenanthrene	17.00	178	35845	2.36	ng		99
23) Anthracene	17.08	178	34765	2.56	ng		98
24) Fluoranthene	18.99	202	38110	2.49	ng		100
26) Pyrene	19.35	202	40439	2.42	ng		99
28) Benzo(a)anthracene	21.09	228	30846	2.62	ng		97
29) Chrysene	21.14	228	35847	2.53	ng		99
30) Bis(2-ethylhexyl)phthalate	21.04	149	11571	2.60	ng		98
31) Indeno(1,2,3-cd)pyrene	25.82	276	19901	2.70	ng	#	82
33) Benzo(b)fluoranthene	22.71	252	20888	2.32	ng	#	91
34) Benzo(k)fluoranthene	22.76	252	36476m	2.64	ng		
35) Benzo(a)pyrene	23.32	252	20782	2.45	ng	#	87
36) Dibenzo(a,h)anthracene	25.84	278	13987	2.73	ng	#	72
37) Benzo(g,h,i)perylene	26.56	276	21775	2.43	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090328.D
Acq On : 4 Aug 2015 2:38
Operator : TP/UM
Sample : PB84793BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 07:44:19 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Manual Integrations APPROVED
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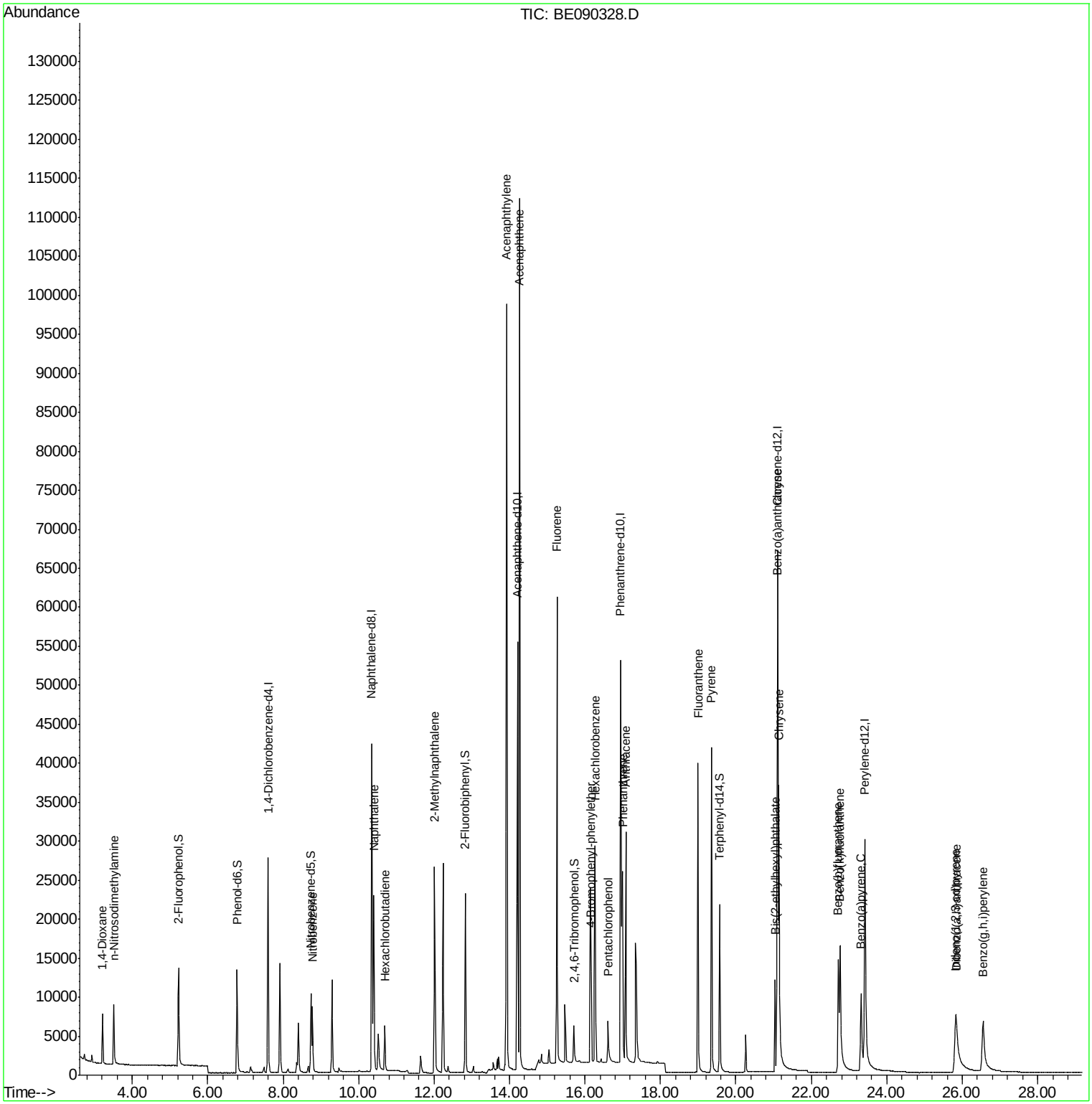
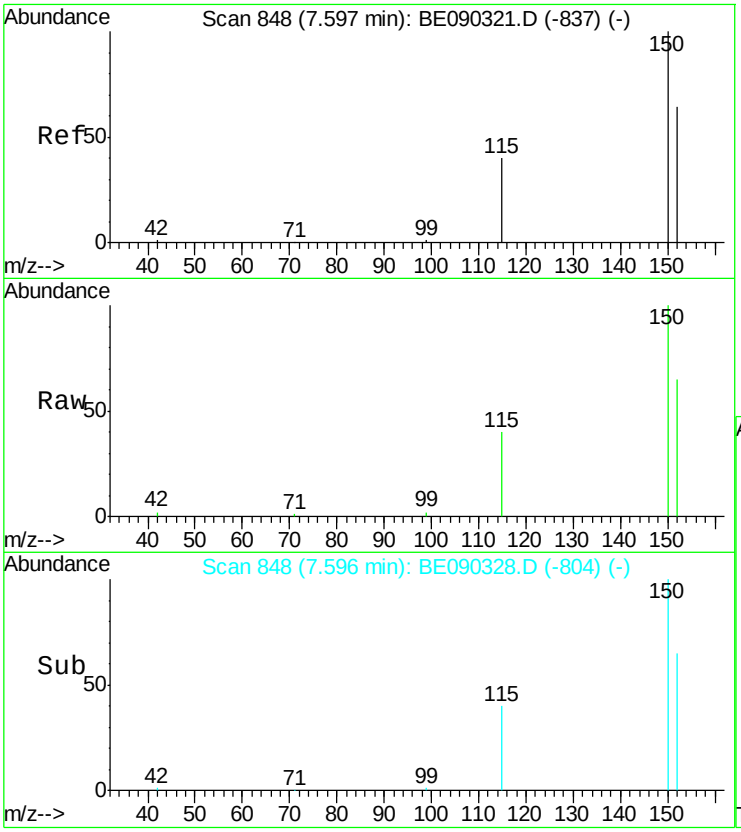
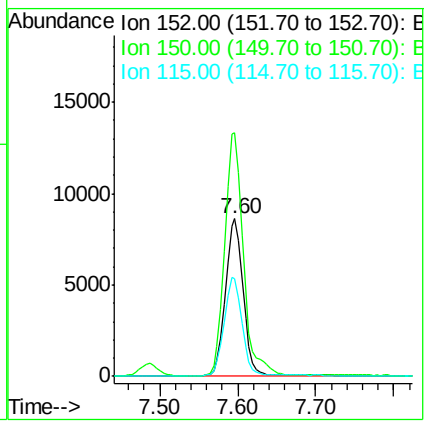




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:152 Resp: 13455

Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.2	186.2
115	62.3	50.4	75.6



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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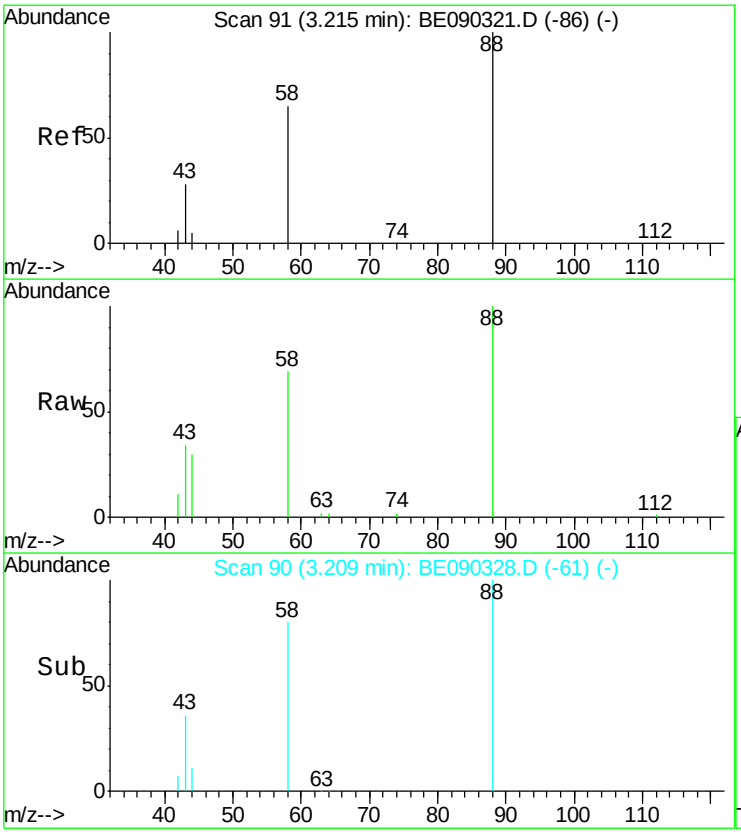
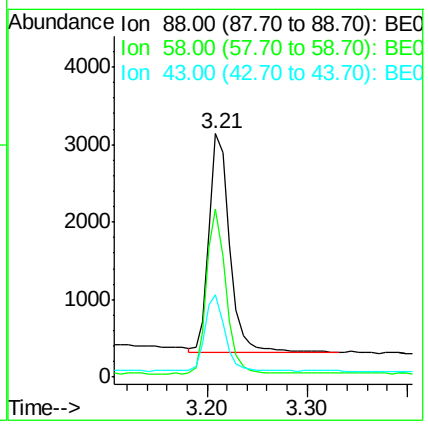
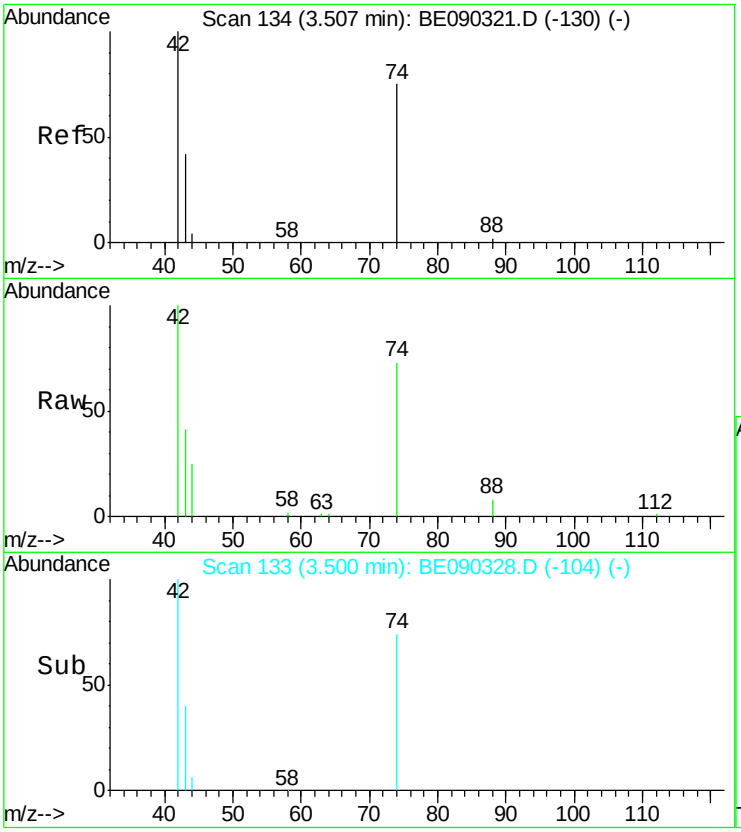


#2
1,4-Dioxane
Concen: 2.49 ng
RT: 3.21 min Scan# 90
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion: 88 Resp: 4072

Ion	Ratio	Lower	Upper
88	100		
58	70.0	50.2	75.2
43	33.3	25.0	37.6





#3
n-Nitrosodimethylamine
Concen: 2.44 ng
RT: 3.50 min Scan# 133
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion: 42 Resp: 5548

Ion	Ratio	Lower	Upper
42	100		
74	94.9	73.2	109.8
44	7.1	3.8	5.6#

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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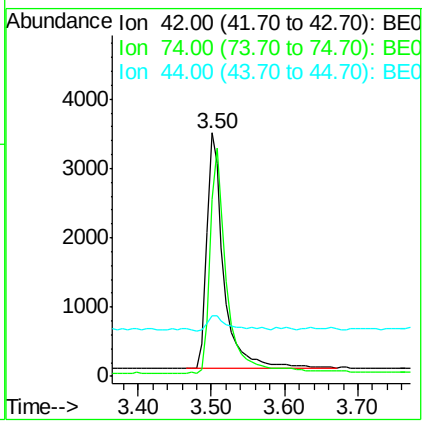
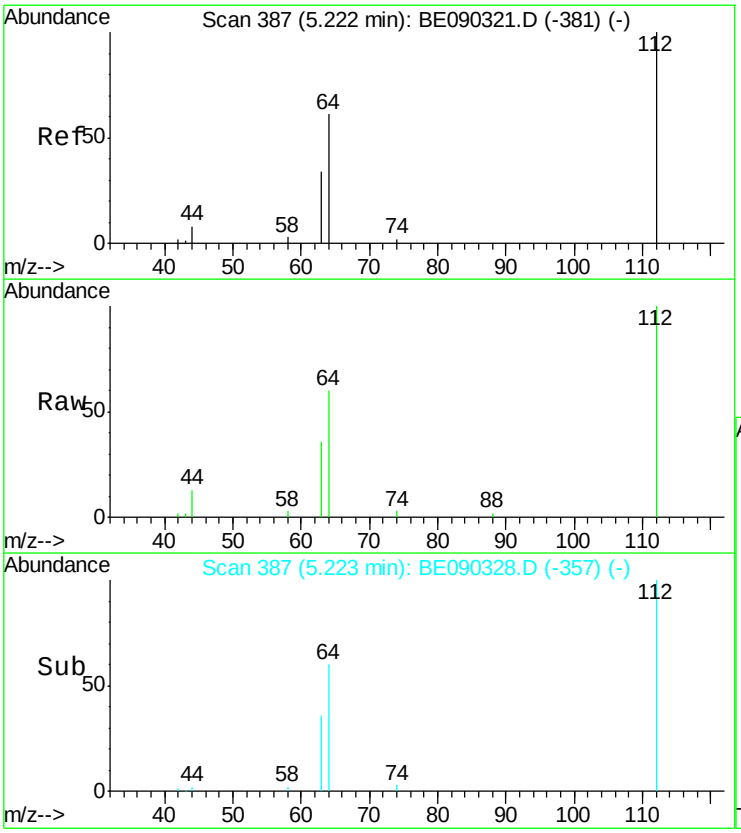
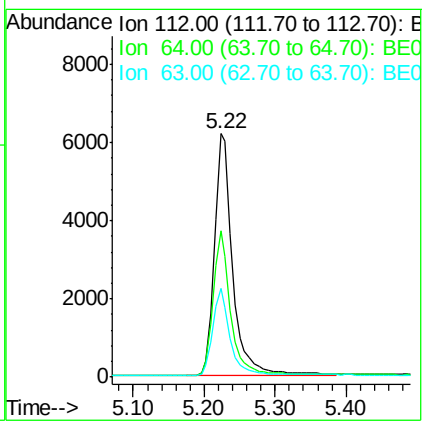


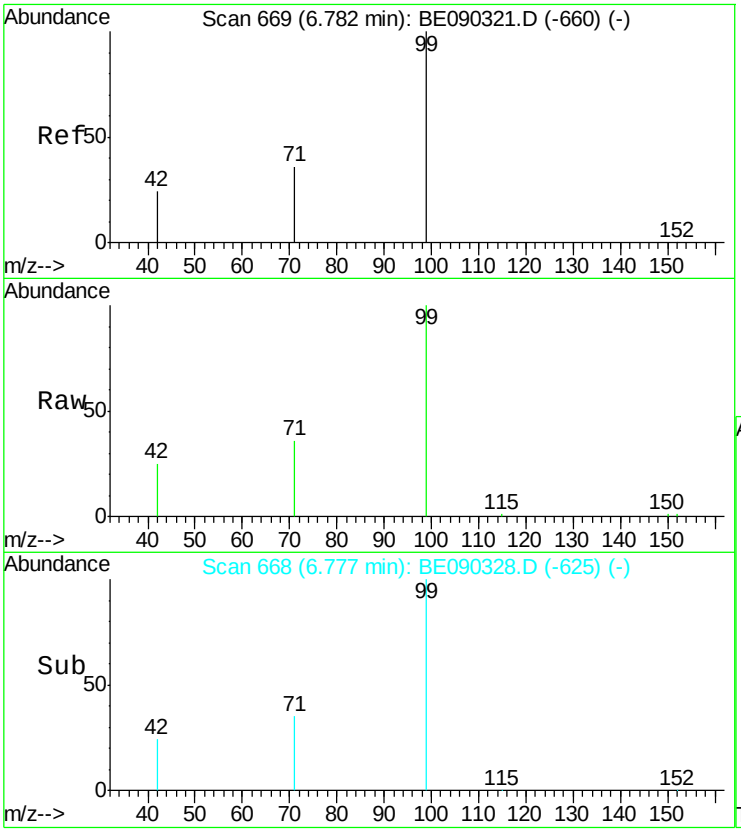


#4
2-Fluorophenol
Concen: 4.31 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:112 Resp: 11086

Ion	Ratio	Lower	Upper
112	100		
64	57.2	49.0	73.4
63	34.1	27.7	41.5

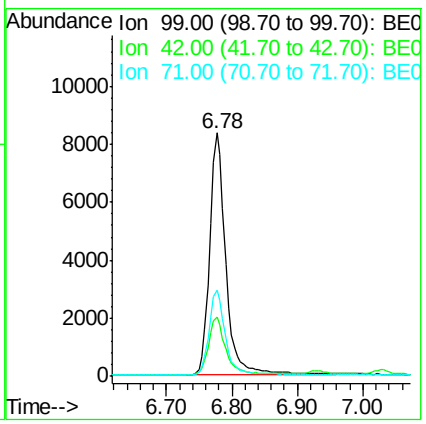




#5
Phenol-d6
Concen: 4.57 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion: 99 Resp: 14448

Ion	Ratio	Lower	Upper
99	100		
42	24.8	22.2	33.2
71	35.6	29.2	43.8



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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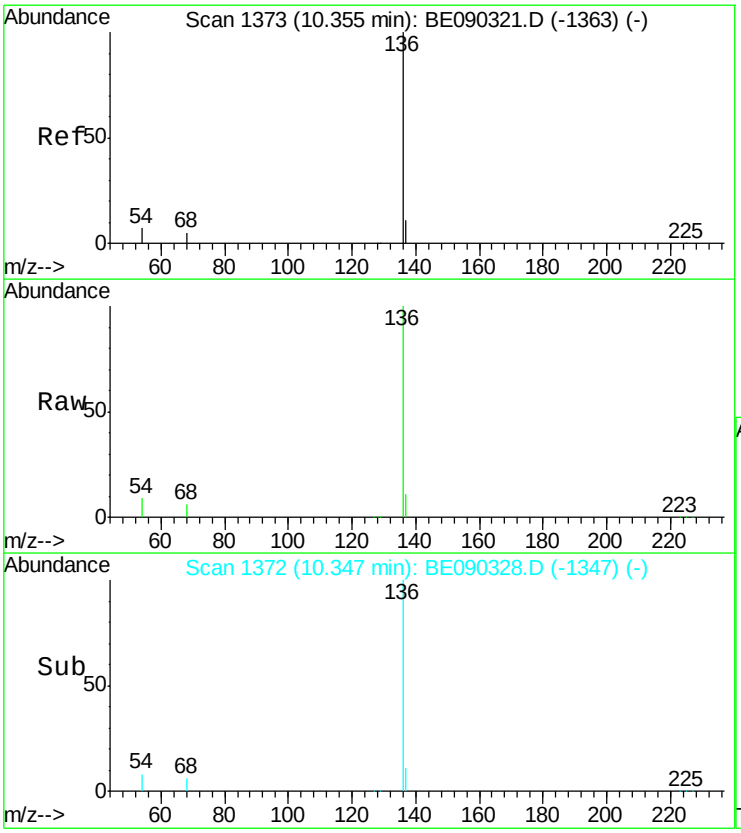
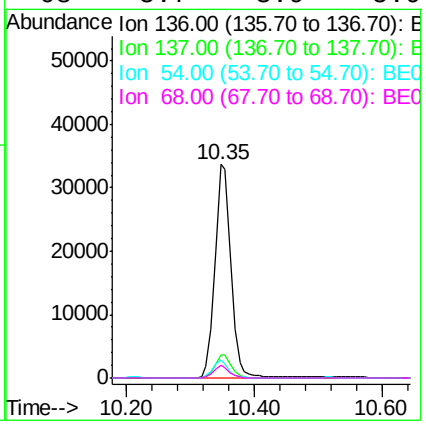
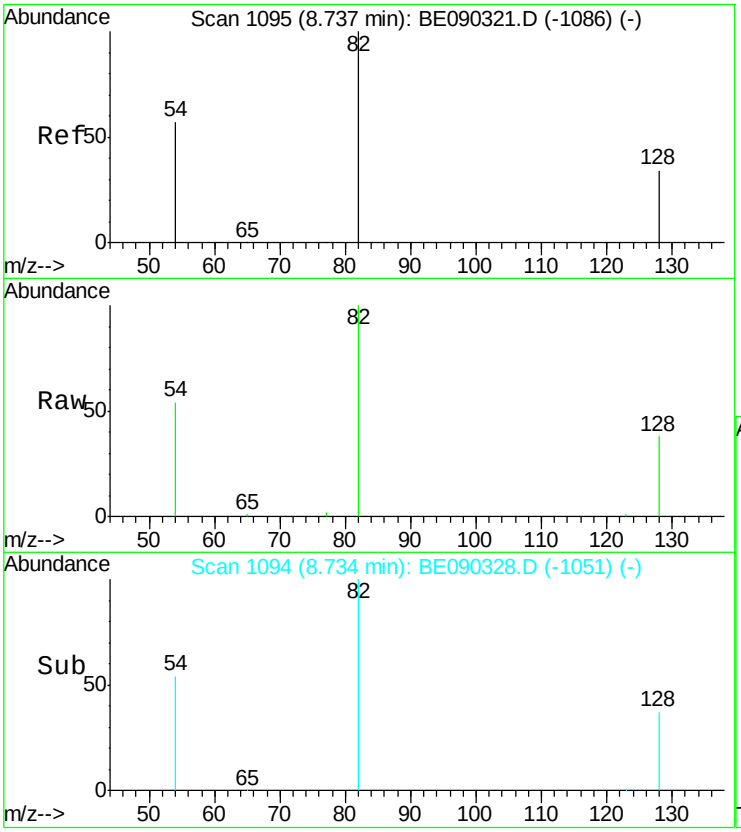


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.35 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:136 Resp: 59126

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.6	6.0	9.0
68	5.7	3.9	5.9

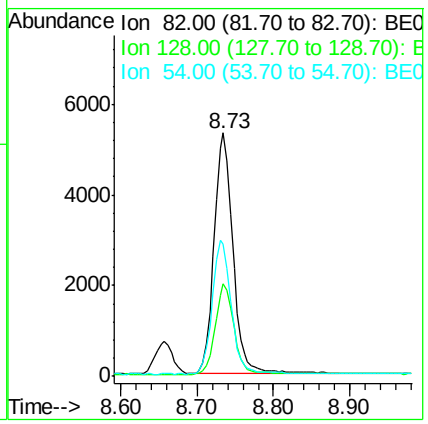




#7
Nitrobenzene-d5
Concen: 2.64 ng
RT: 8.73 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion: 82 Resp: 9209

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.8	46.2
54	54.3	47.5	71.3



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Manual Integrations APPROVED
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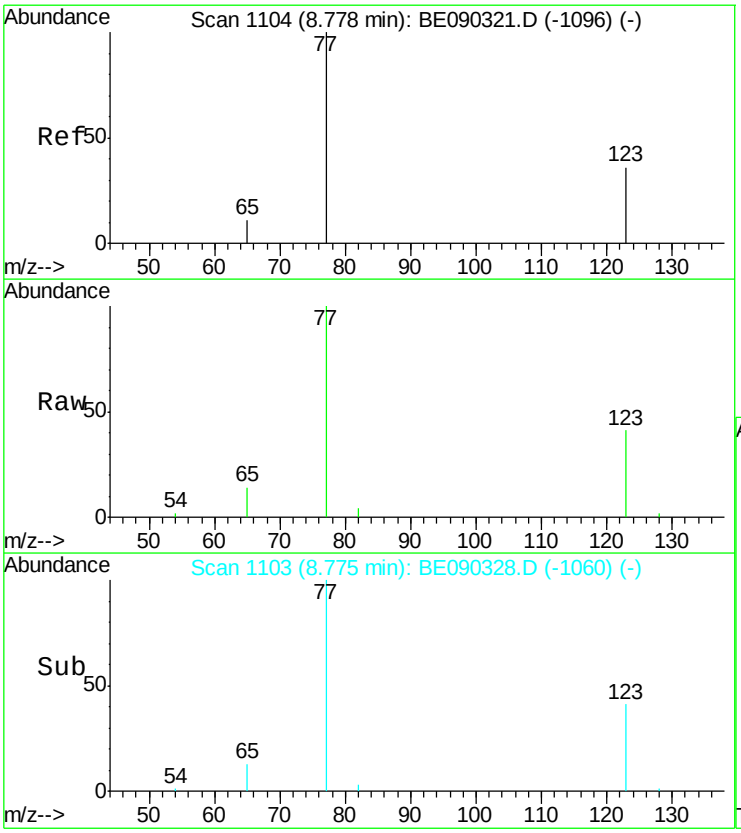
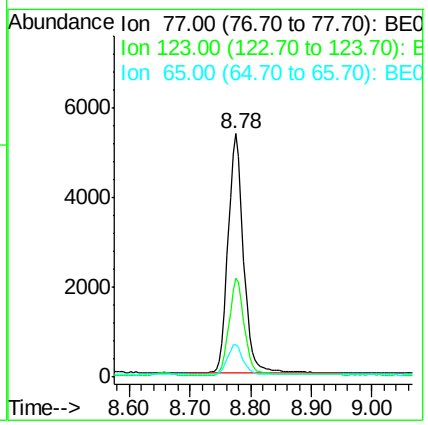
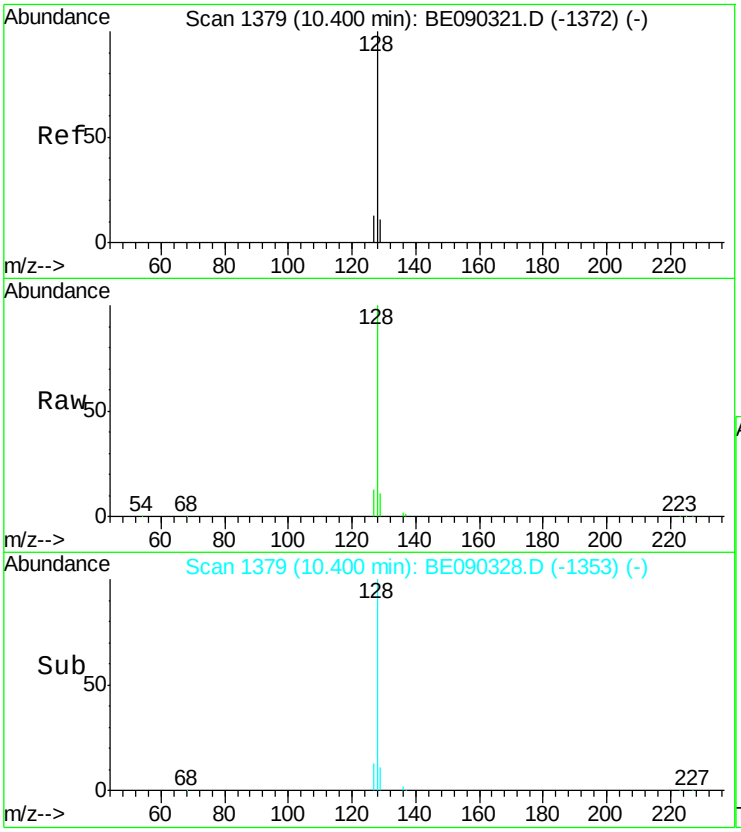


#8
Nitrobenzene
Concen: 2.63 ng
RT: 8.78 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion: 77 Resp: 9484

Ion	Ratio	Lower	Upper
77	100		
123	40.3	29.6	44.4
65	12.9	10.4	15.6





#9
Naphthalene
Concen: 2.38 ng
RT: 10.40 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:128 Resp: 30211

Ion	Ratio	Lower	Upper
128	100		
129	10.9	10.1	15.1
127	13.0	11.3	16.9

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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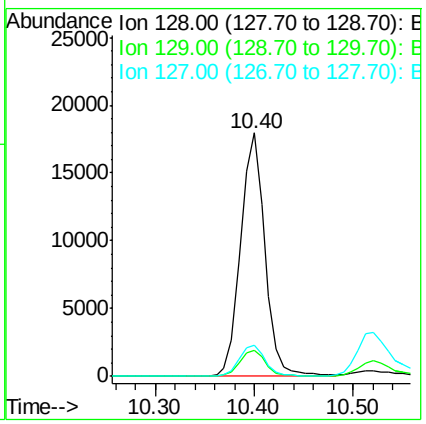
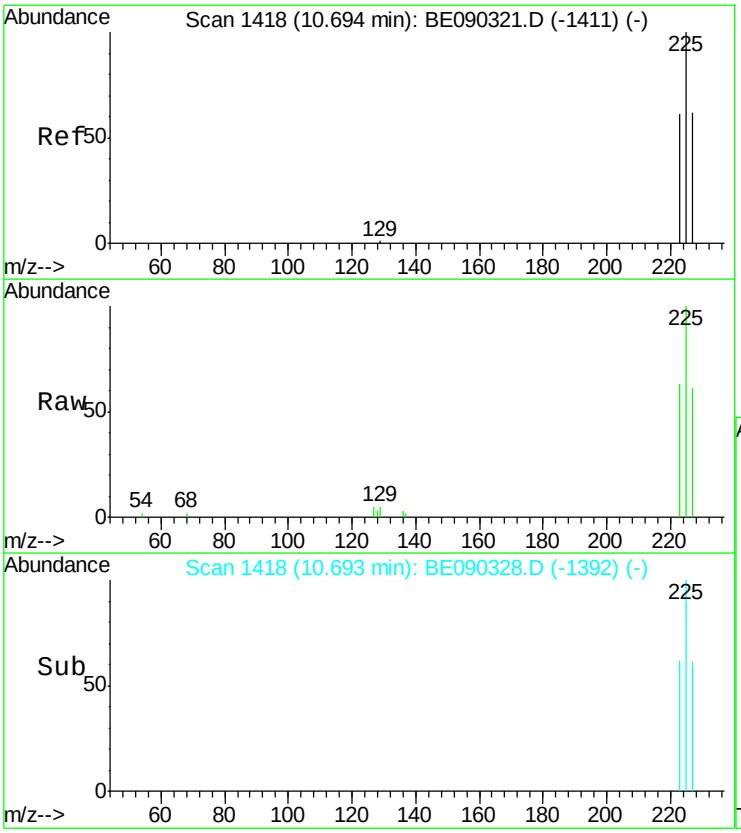
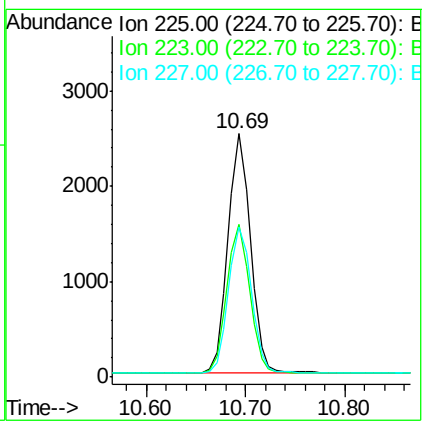


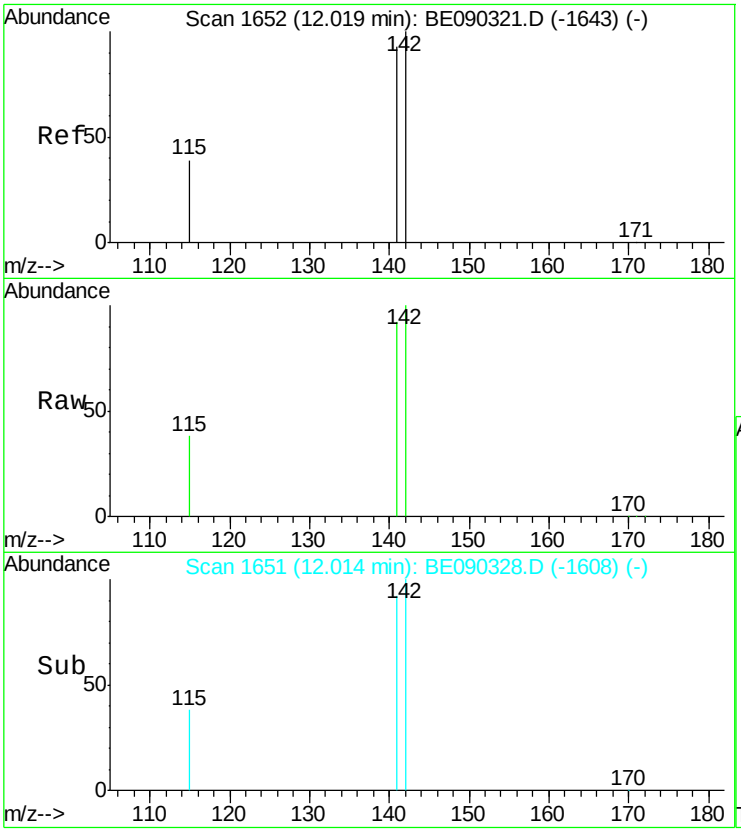


#10
Hexachlorobutadiene
Concen: 2.31 ng
RT: 10.69 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:225 Resp: 3932

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	62.7	49.6	74.4

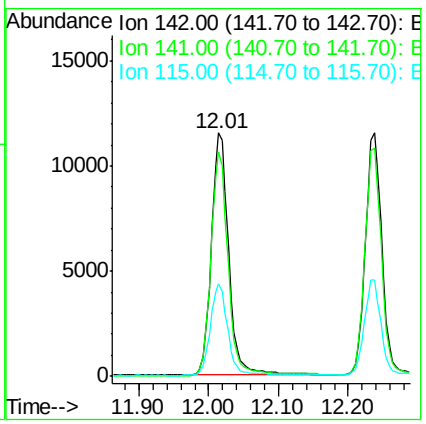




#11
2-Methylnaphthalene
Concen: 2.55 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:142 Resp: 20013

Ion	Ratio	Lower	Upper
142	100		
141	91.9	74.6	112.0
115	38.2	32.6	49.0



Instrument :
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ClientSampleId :
PB84793BSD

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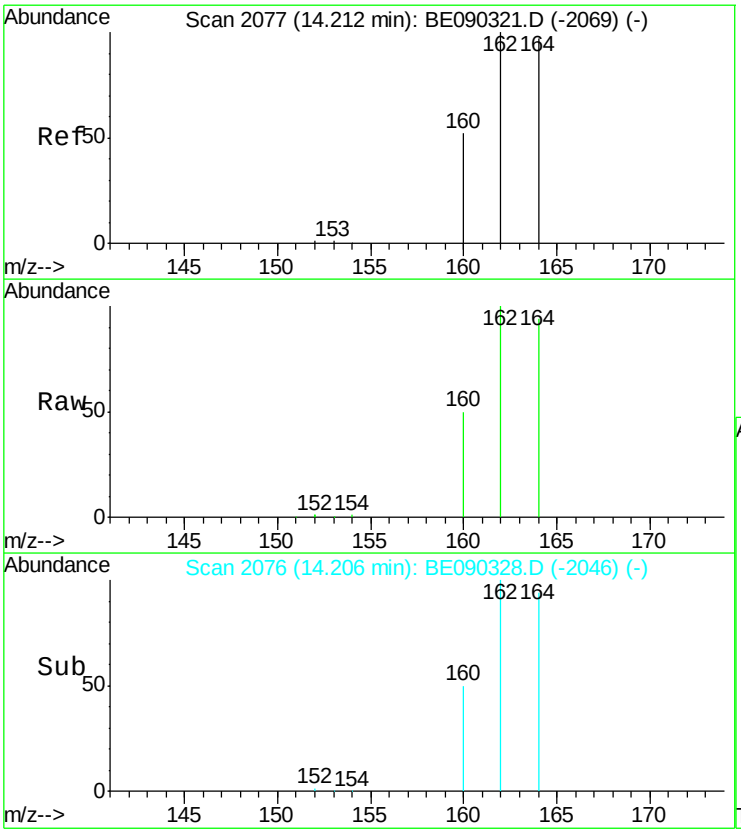
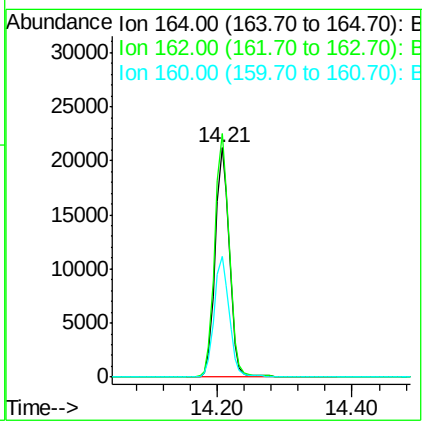
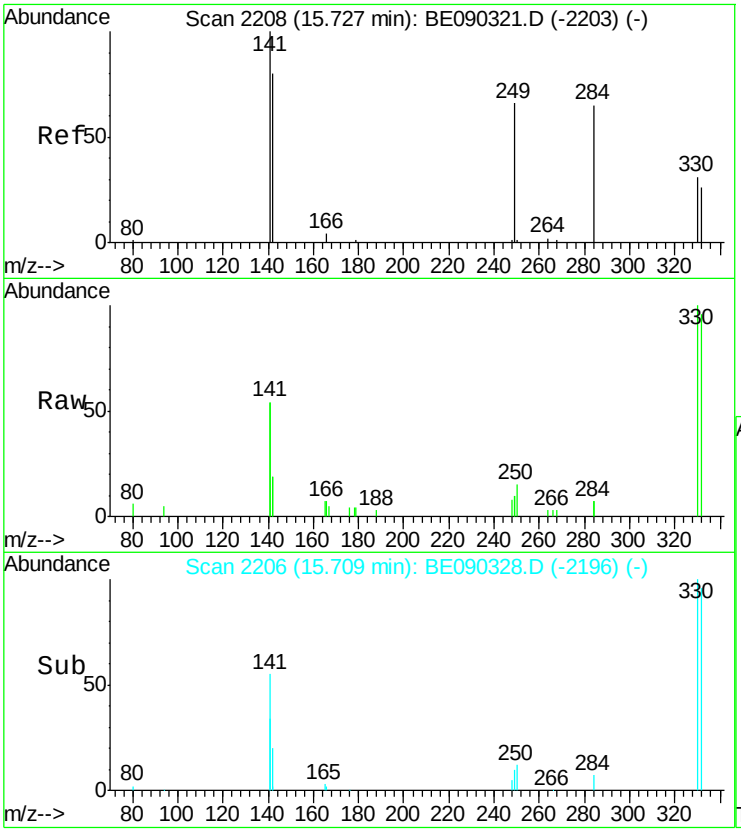


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:164 Resp: 30529

Ion	Ratio	Lower	Upper
164	100		
162	106.3	82.7	124.1
160	52.7	43.0	64.6

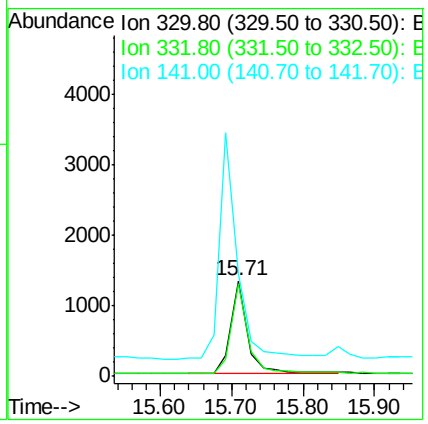




#13
2,4,6-Tribromophenol
Concen: 4.30 ng
RT: 15.71 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:330 Resp: 2126

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.4	119.0
141	259.9	245.9	368.9



Instrument :
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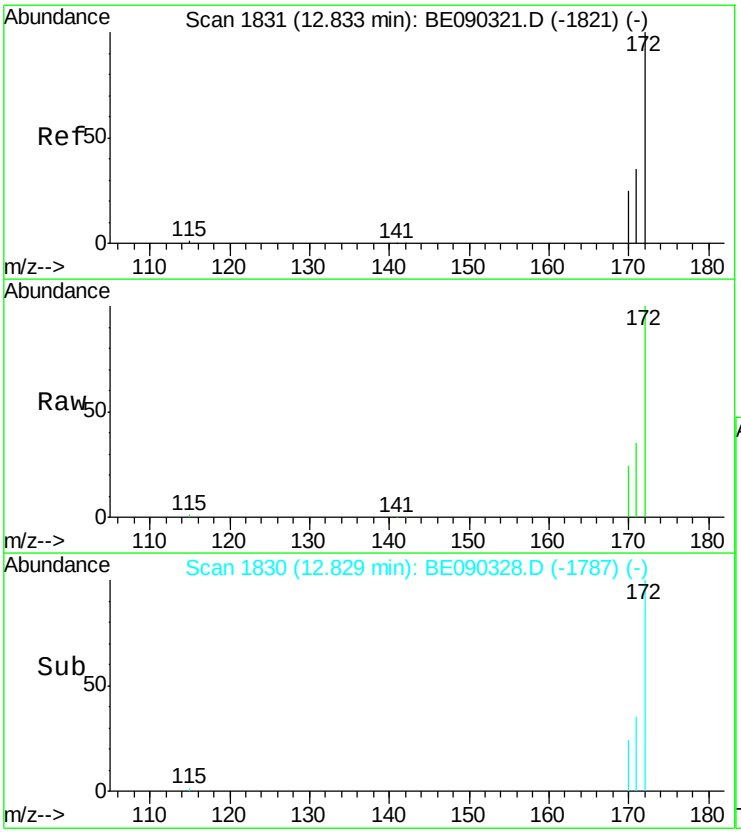
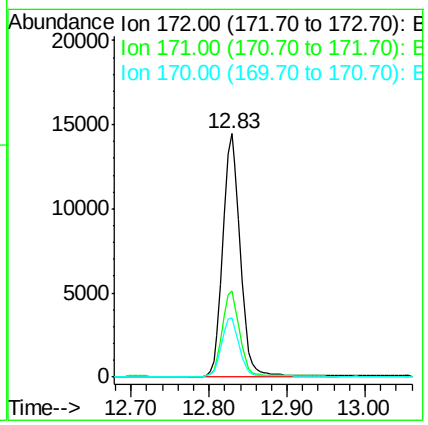
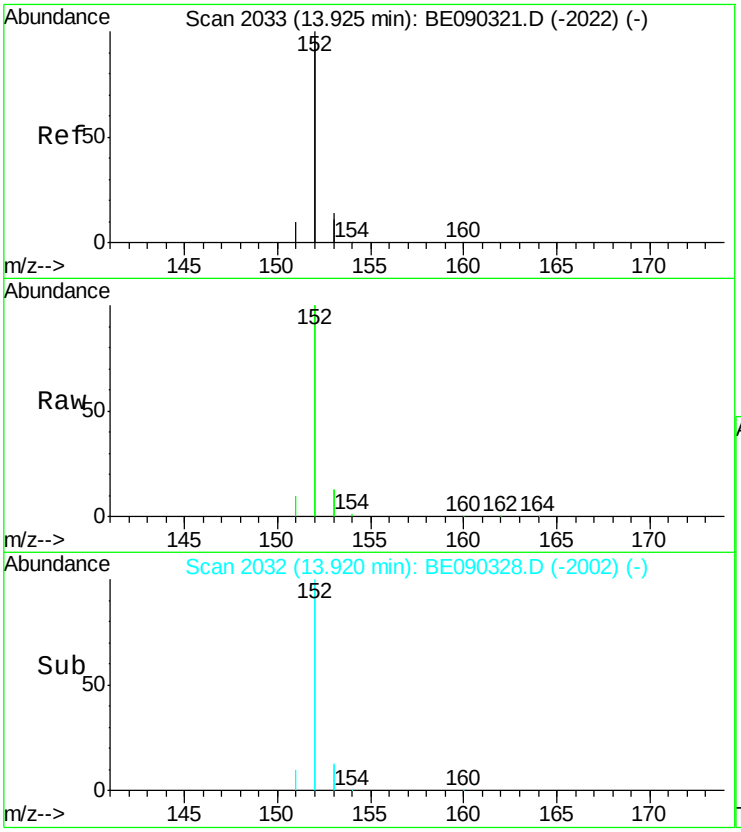


#14
2-Fluorobiphenyl
Concen: 2.52 ng
RT: 12.83 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:172 Resp: 22324

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.5	44.3
170	24.1	21.3	31.9

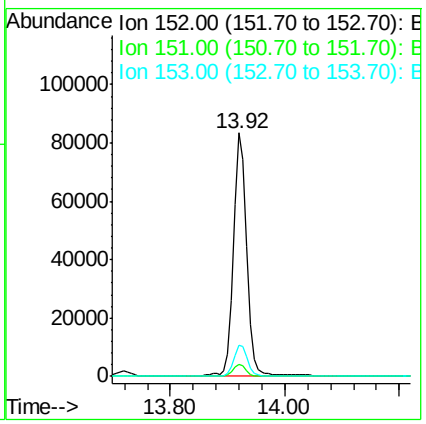




#15
Acenaphthylene
Concen: 2.42 ng
RT: 13.92 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:152 Resp: 128950

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	13.1	10.2	15.4



Instrument :
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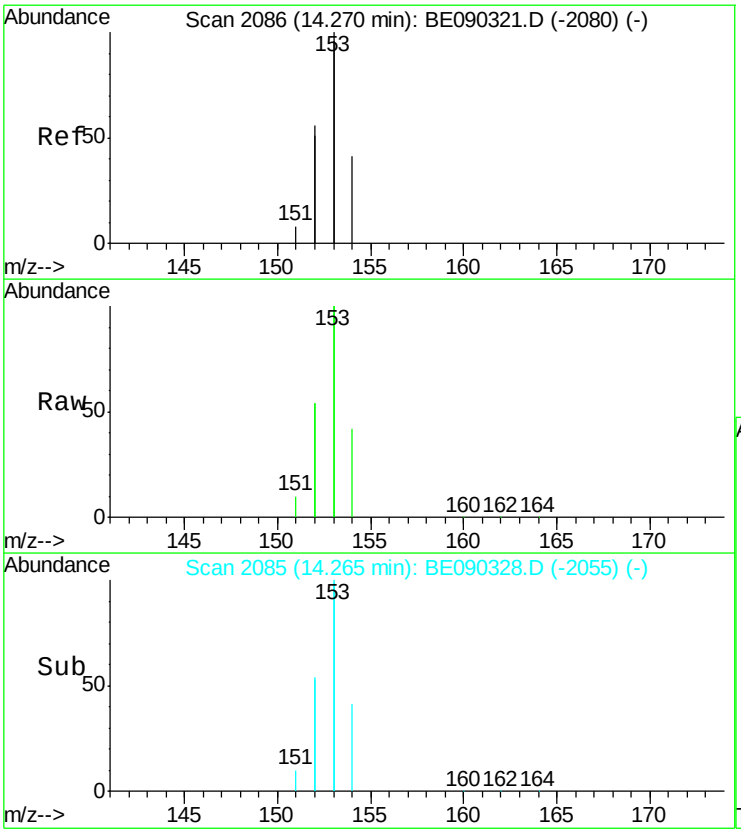
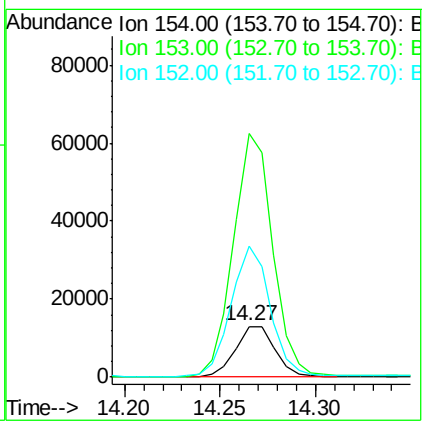
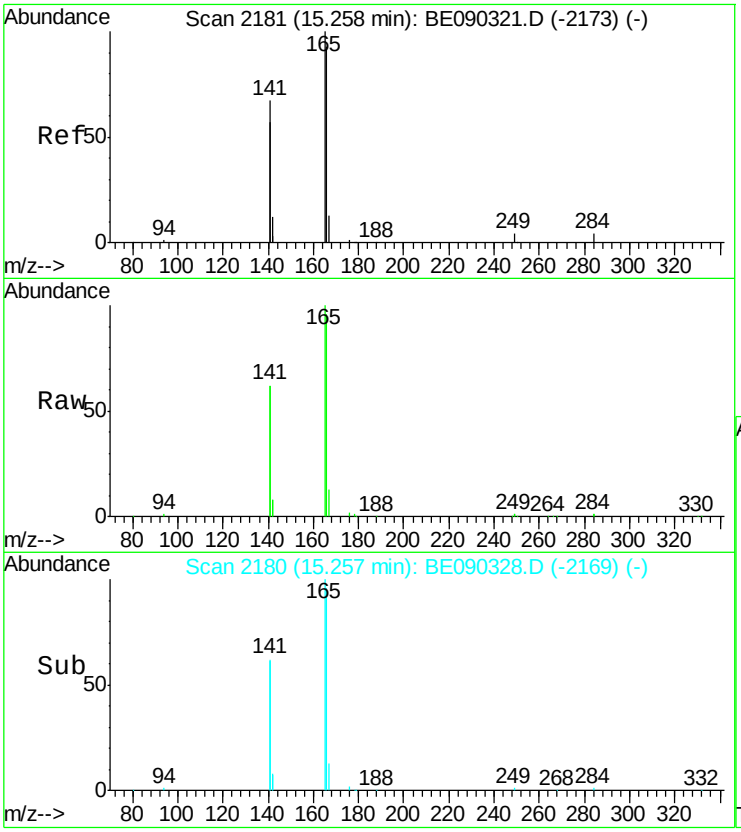


#16
Acenaphthene
Concen: 2.44 ng
RT: 14.27 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:154 Resp: 18829

Ion	Ratio	Lower	Upper
154	100		
153	475.5	378.0	567.0
152	251.7	212.7	319.1

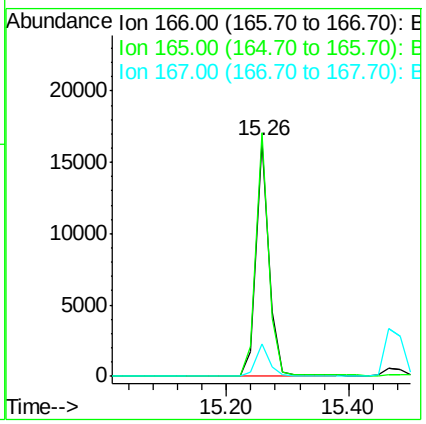




#17
Fluorene
Concen: 2.58 ng
RT: 15.26 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:166 Resp: 24129

Ion	Ratio	Lower	Upper
166	100		
165	102.3	82.6	123.8
167	13.7	11.8	17.8



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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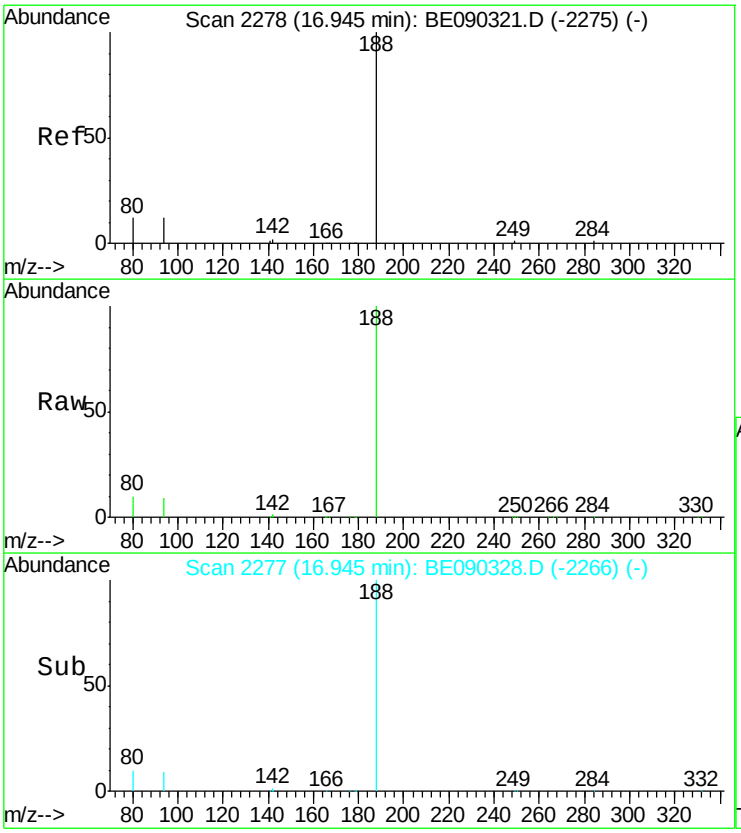
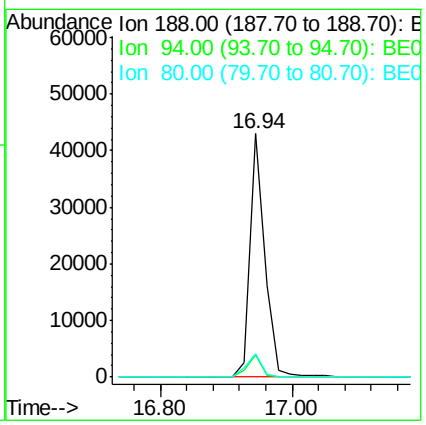
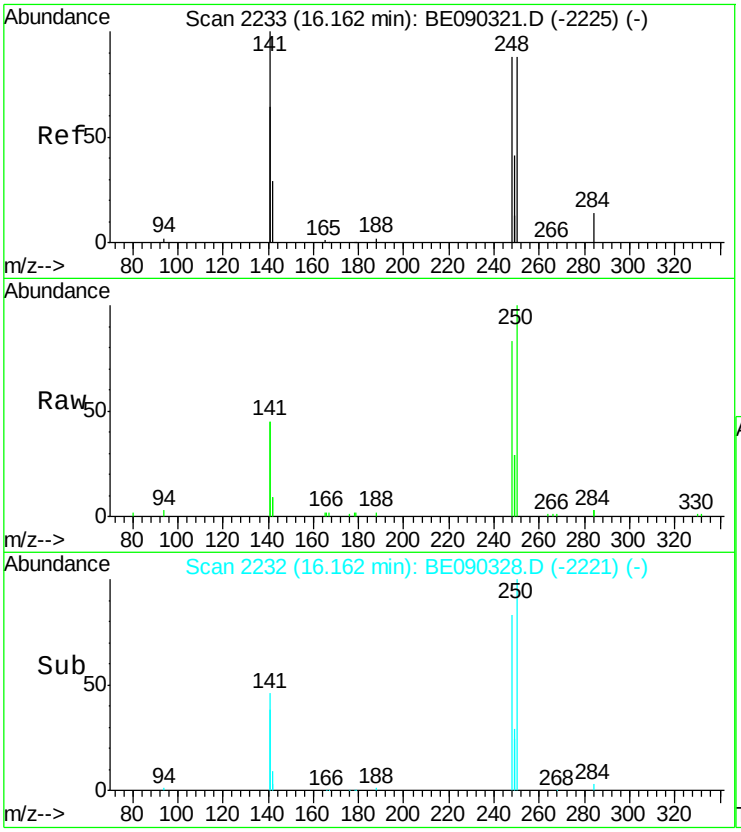


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:188 Resp: 66824

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.5	14.3#
80	9.7	10.0	15.0#

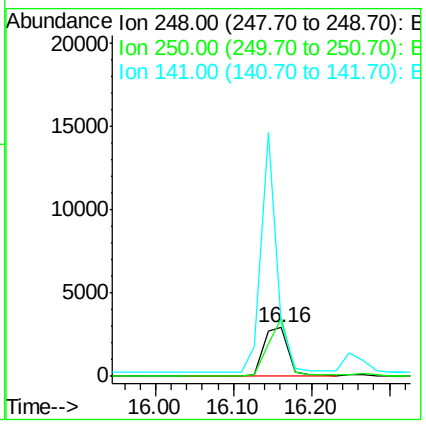




#19
4-Bromophenyl-phenylether
Concen: 2.44 ng
RT: 16.16 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:248 Resp: 6118

Ion	Ratio	Lower	Upper
248	100		
250	98.1	74.0	111.0
141	328.7	258.9	388.3



Instrument :
BNA_E
ClientSampleId :
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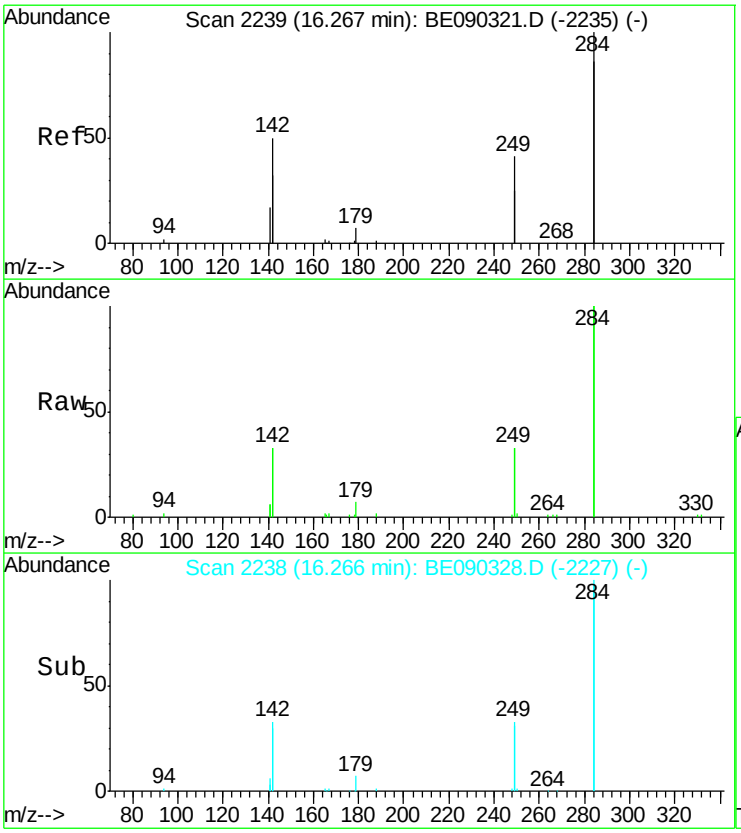
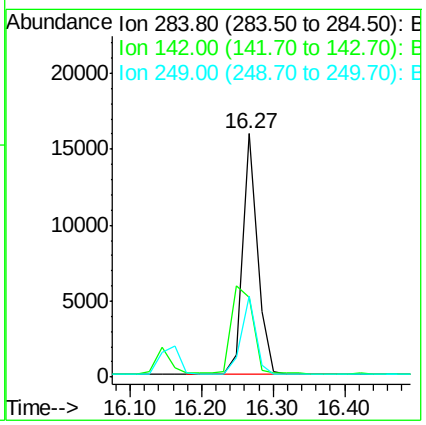
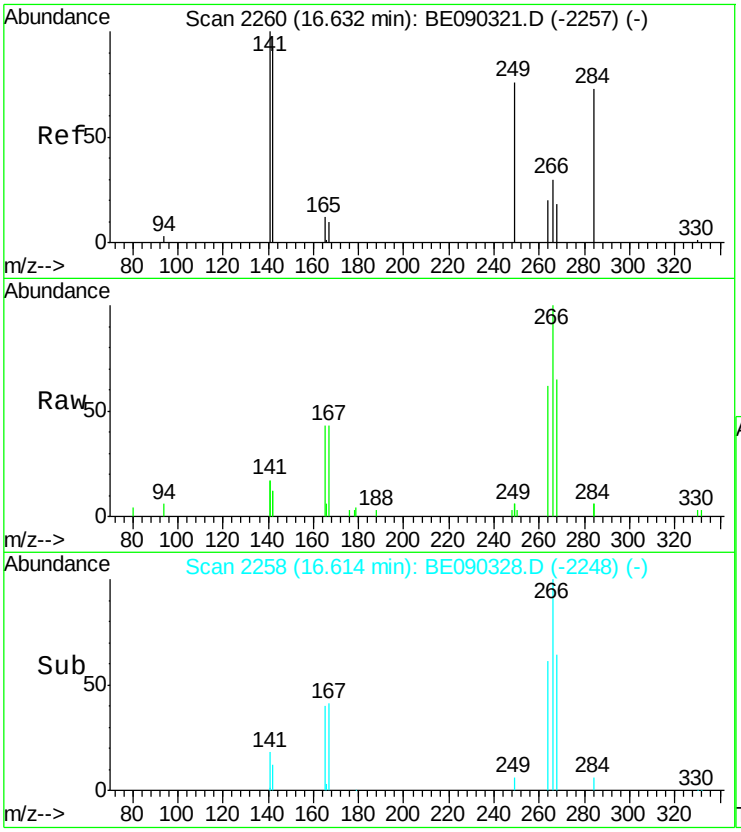


#20
Hexachlorobenzene
Concen: 2.37 ng
RT: 16.27 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:284 Resp: 22482

Ion	Ratio	Lower	Upper
284	100		
142	52.0	44.2	66.4
249	32.0	26.4	39.6





#21
Pentachlorophenol
Concen: 4.92 ng
RT: 16.61 min Scan# 2258
Delta R.T. -0.02 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:266 Resp: 3202

Ion	Ratio	Lower	Upper
266	100		
268	64.6	66.2	99.2#
264	62.3	69.1	103.7#

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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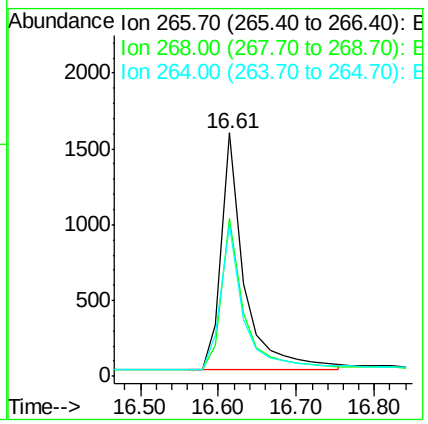
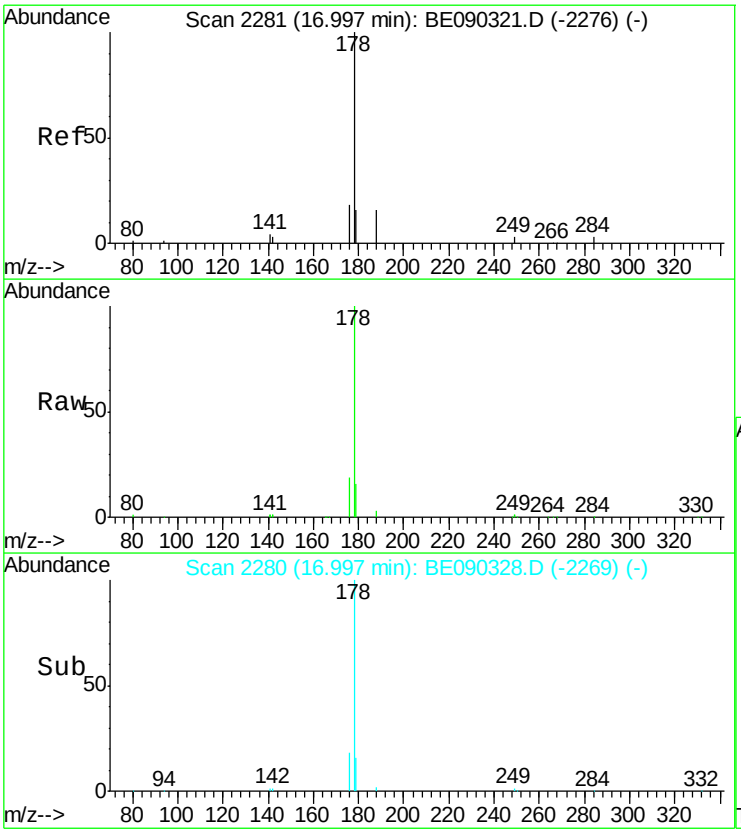
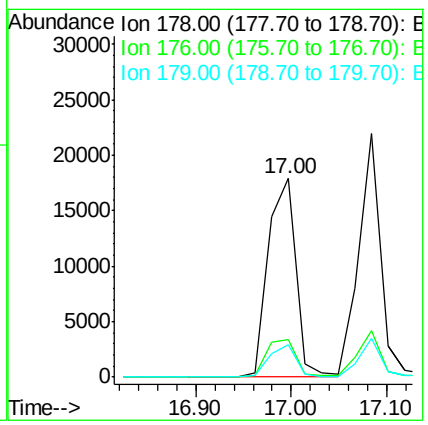


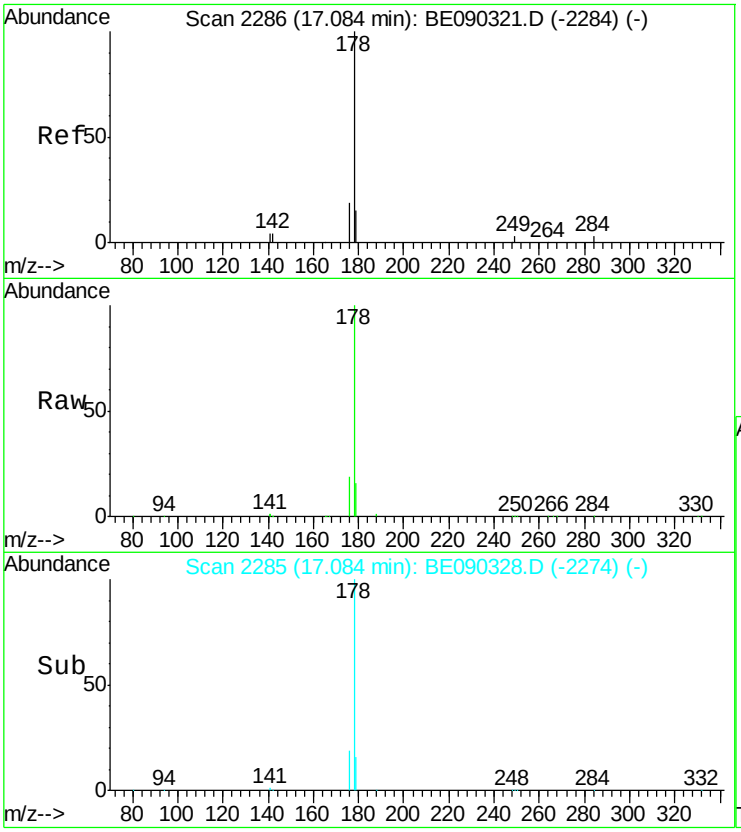


#22
Phenanthrene
Concen: 2.36 ng
RT: 17.00 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:178 Resp: 35845

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.5	23.3
179	15.5	12.6	18.8

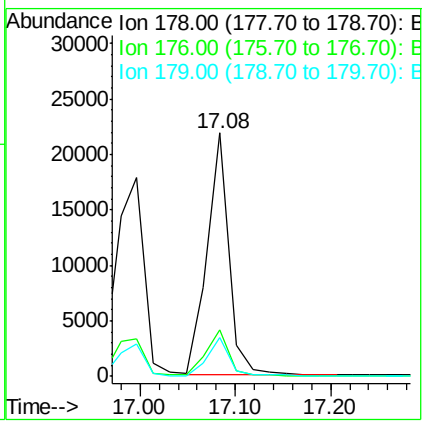




#23
Anthracene
Concen: 2.56 ng
RT: 17.08 min Scan# 2285
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:178 Resp: 34765

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.1	22.7
179	15.7	12.1	18.1



Instrument :
BNA_E
ClientSampleId :
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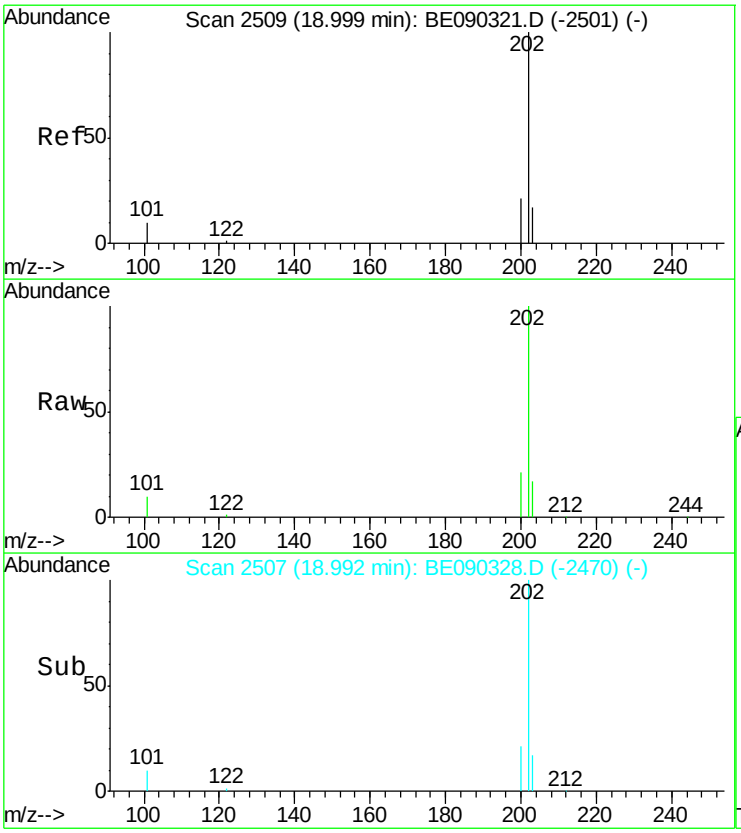
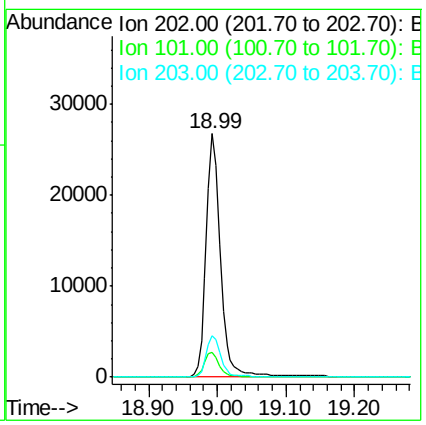
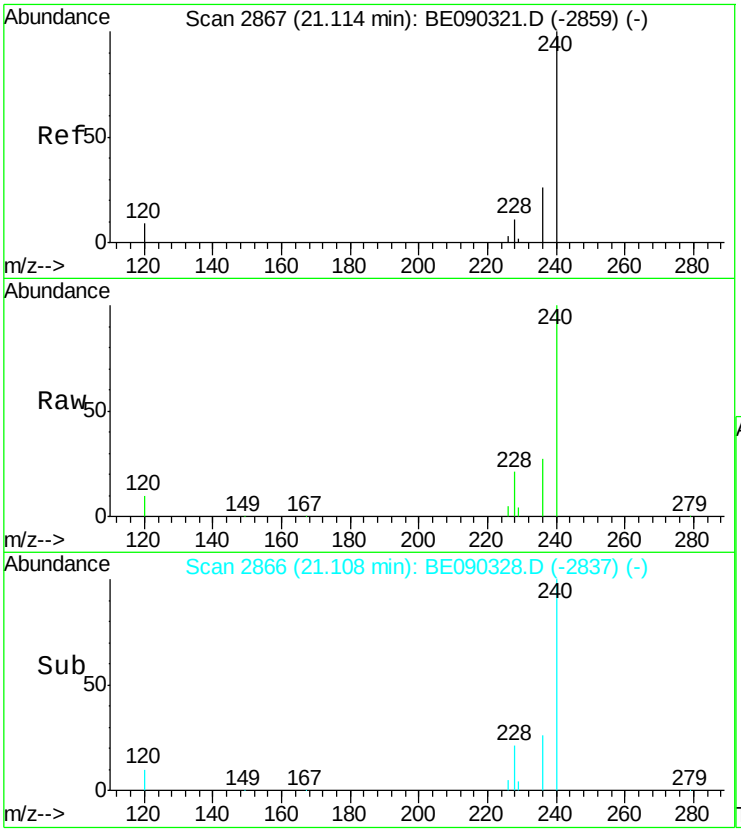


#24
Fluoranthene
Concen: 2.49 ng
RT: 18.99 min Scan# 2507
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:202 Resp: 38110

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.0	13.8	20.8

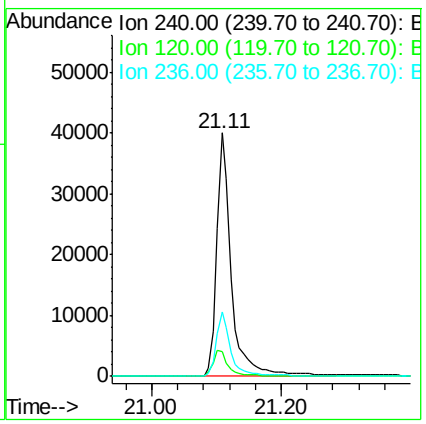




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:240 Resp: 61845

Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.5	11.3
236	26.6	21.0	31.4



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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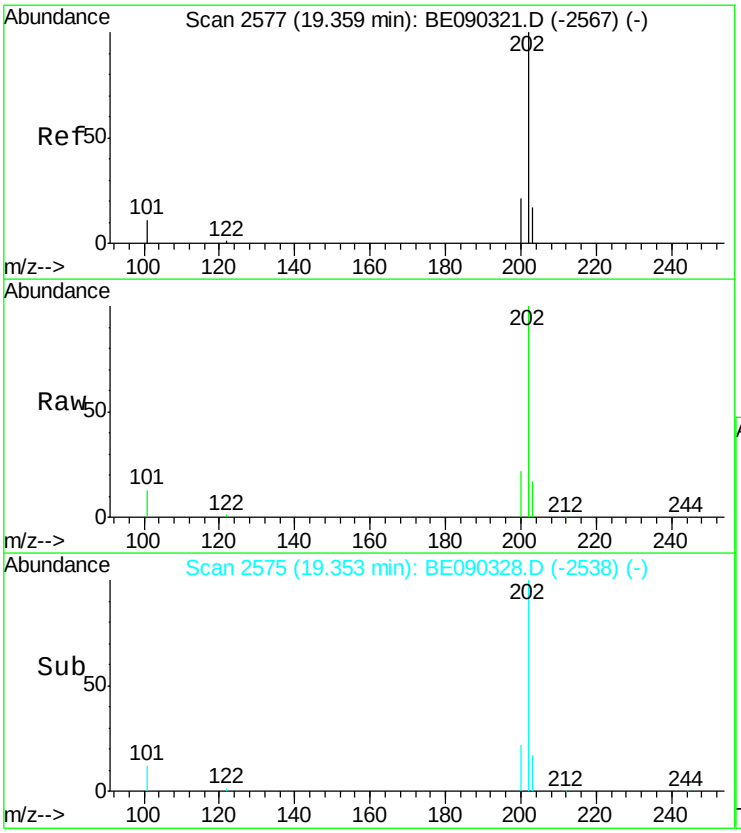
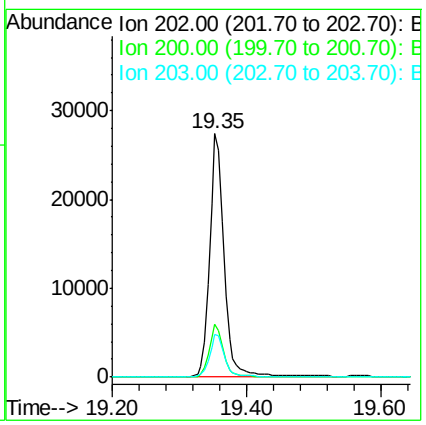
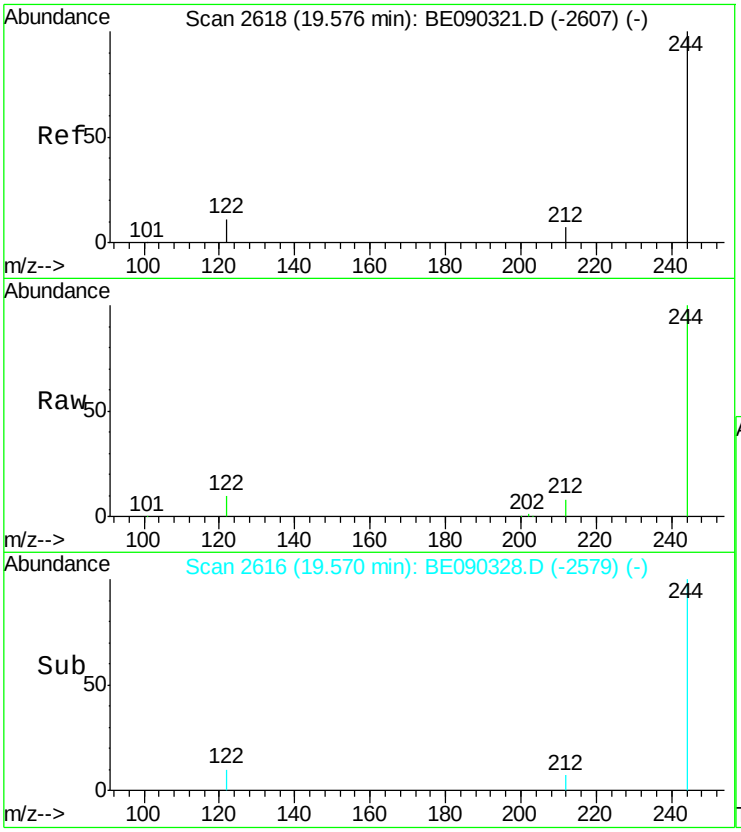


#26
Pyrene
Concen: 2.42 ng
RT: 19.35 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:202 Resp: 40439

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	17.9	13.8	20.6





#27
Terphenyl-d14
Concen: 2.36 ng
RT: 19.57 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:244 Resp: 27354

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	10.3	10.4	15.6#

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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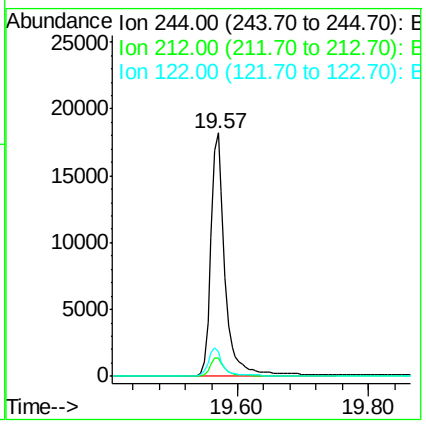
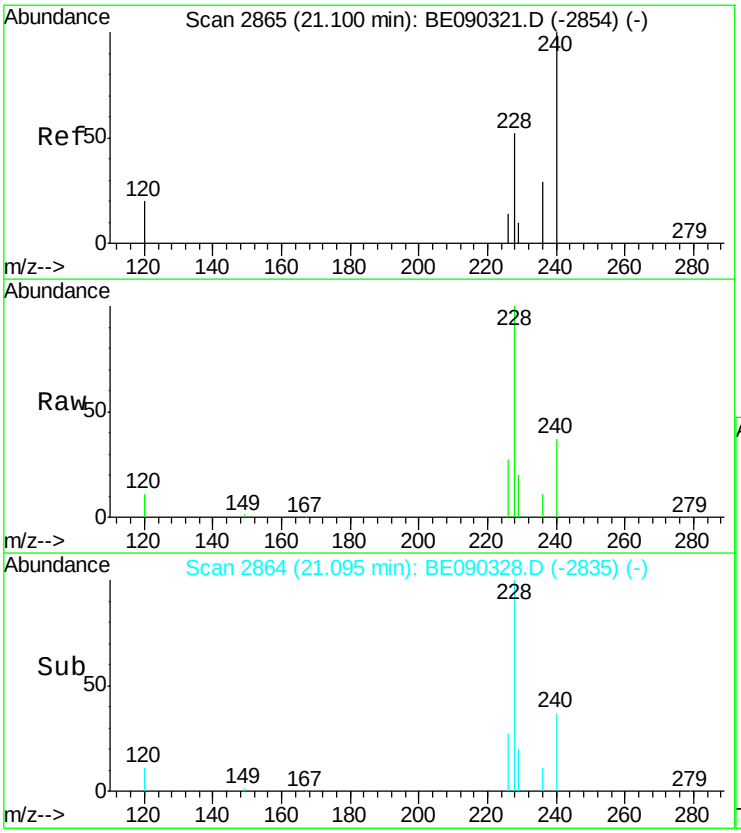
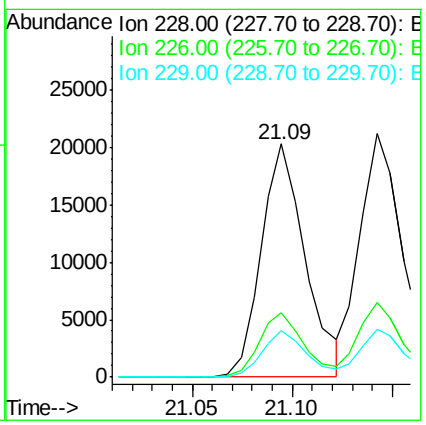


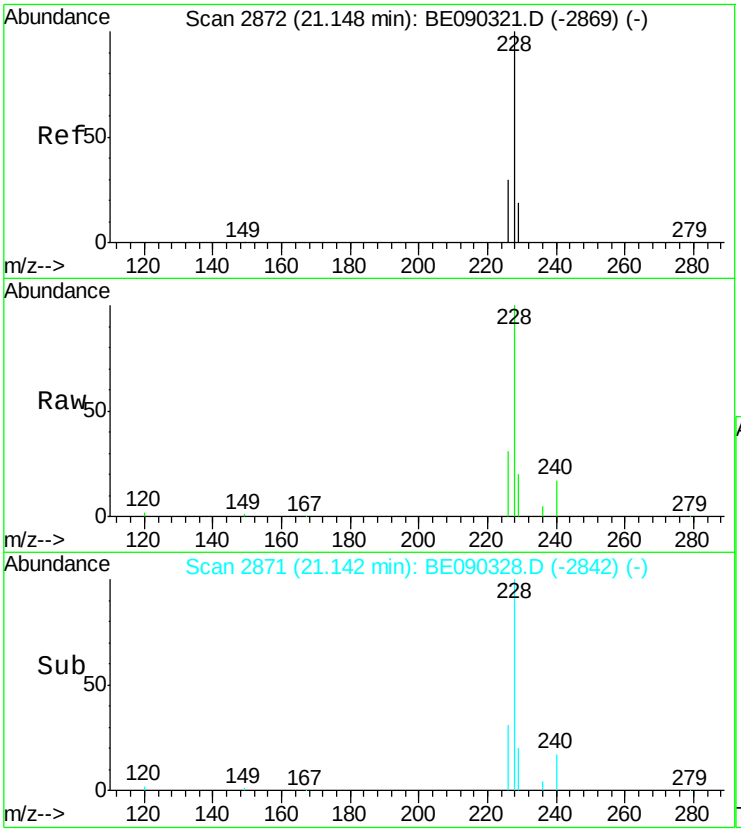


#28
Benzo(a)anthracene
Concen: 2.62 ng
RT: 21.09 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:228 Resp: 30846

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.0	34.4
229	20.0	17.4	26.2





#29
Chrysene
Concen: 2.53 ng
RT: 21.14 min Scan# 2871
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:228 Resp: 35847

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	19.7	16.6	25.0

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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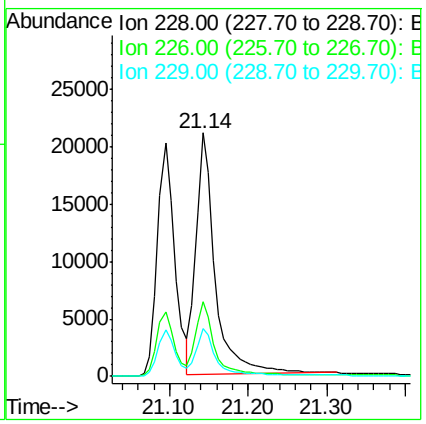
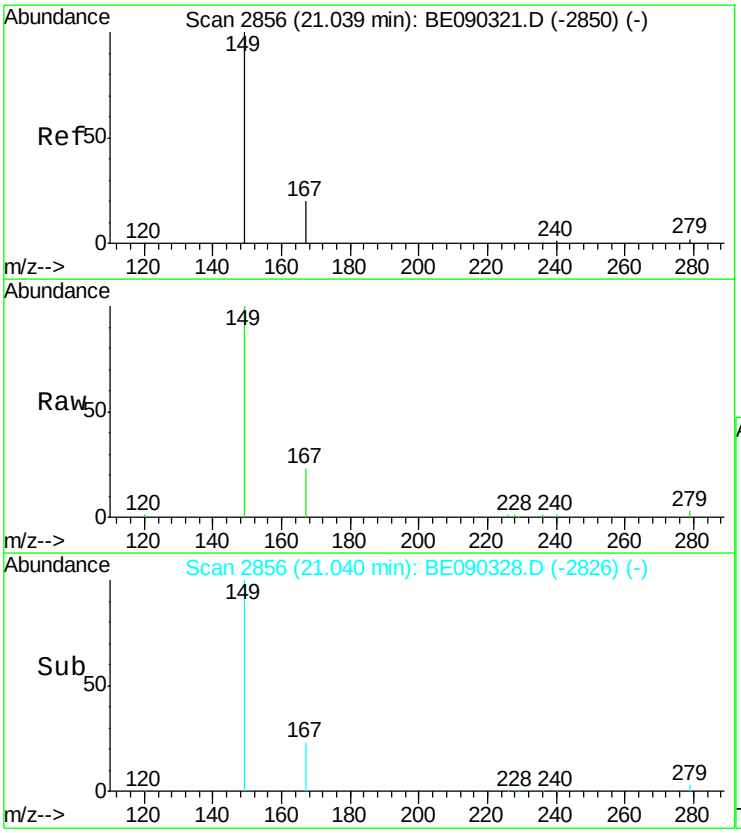
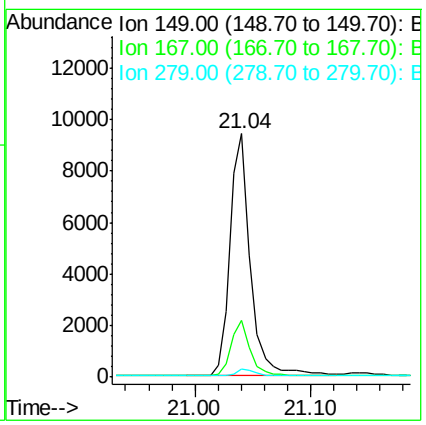


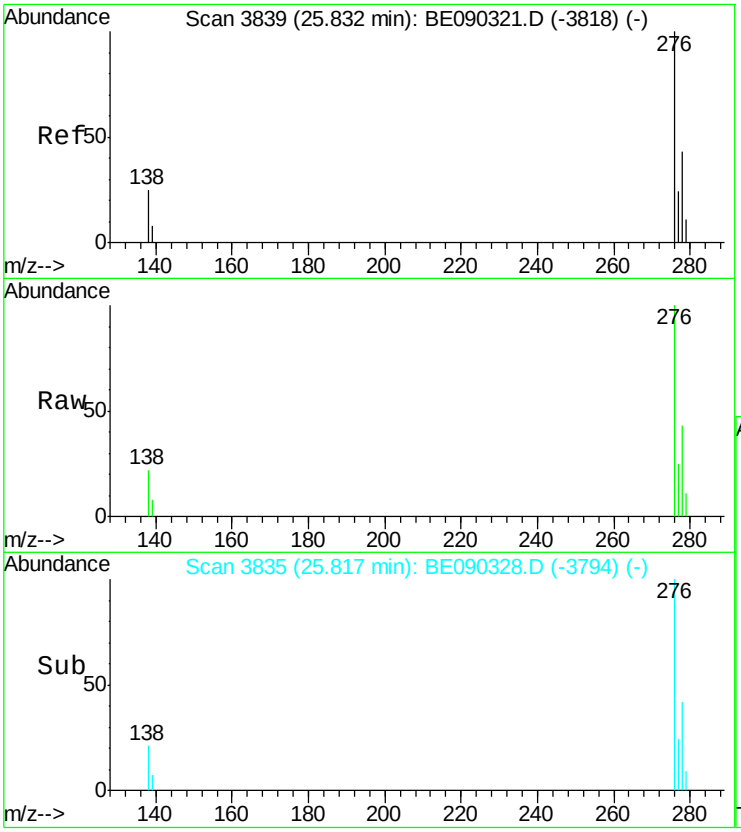


#30
Bis(2-ethylhexyl)phthalate
Concen: 2.60 ng
RT: 21.04 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:149 Resp: 11571

Ion	Ratio	Lower	Upper
149	100		
167	21.5	16.6	24.8
279	2.9	2.7	4.1





#31
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng
RT: 25.82 min Scan# 3835
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:276 Resp: 19901

Ion	Ratio	Lower	Upper
276	100		
138	22.7	10.6	16.0#
277	24.5	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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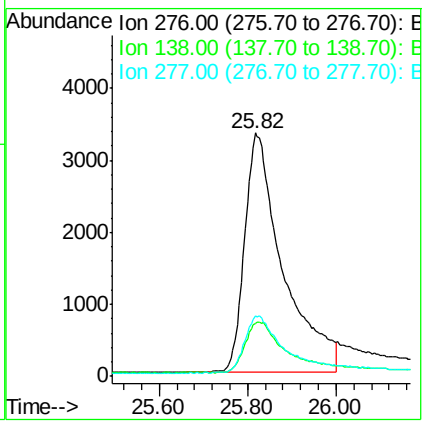
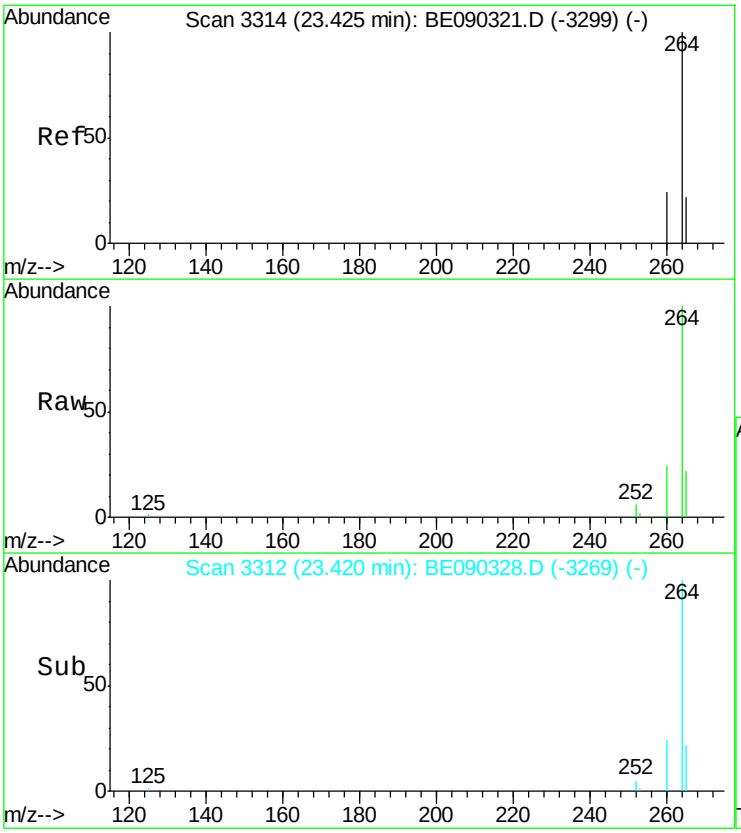
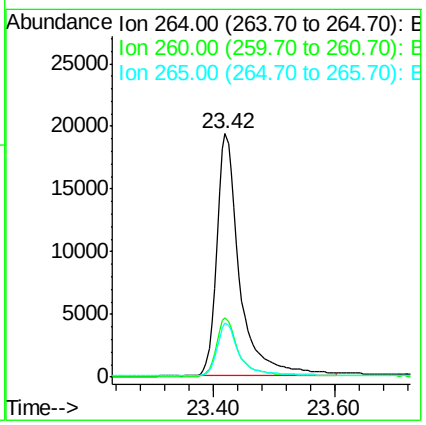


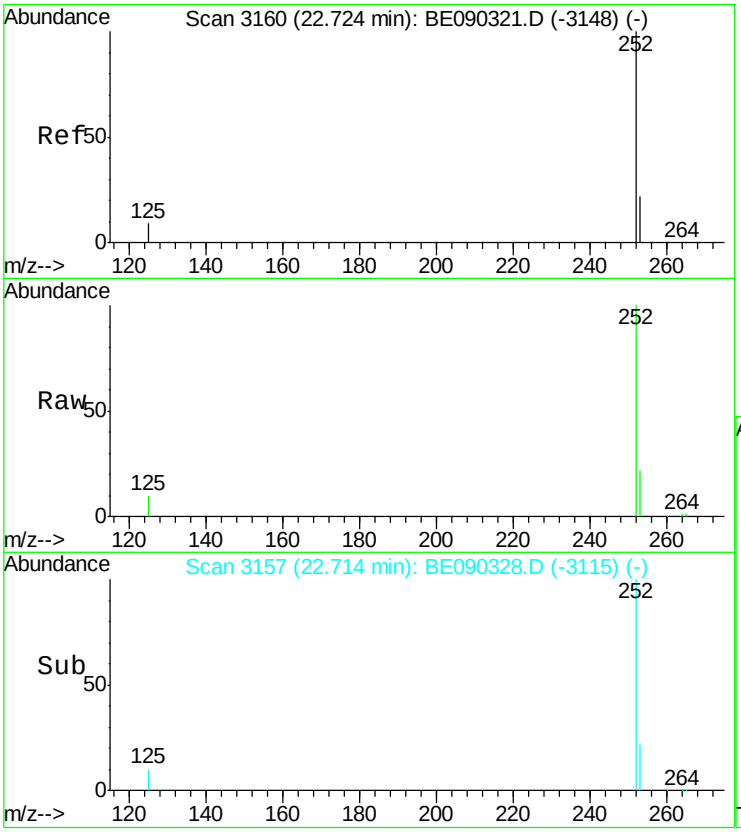


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:264 Resp: 50947

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.0	18.6	28.0





#33
Benzo(b)fluoranthene
Concen: 2.32 ng
RT: 22.71 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:252 Resp: 20888

Ion	Ratio	Lower	Upper
252	100		
253	22.3	21.5	32.3
125	10.4	11.8	17.8#

Instrument :
BNA_E
ClientSampleId :
PB84793BSD

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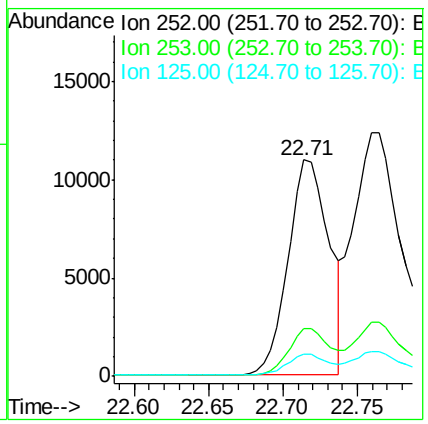
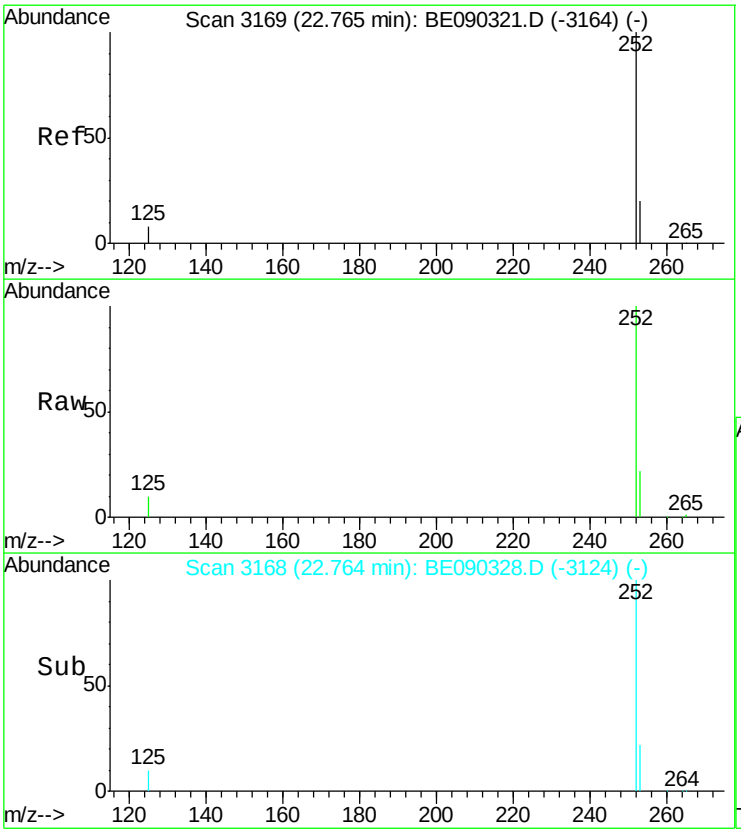
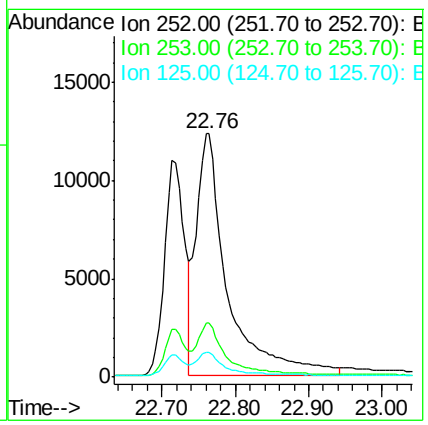


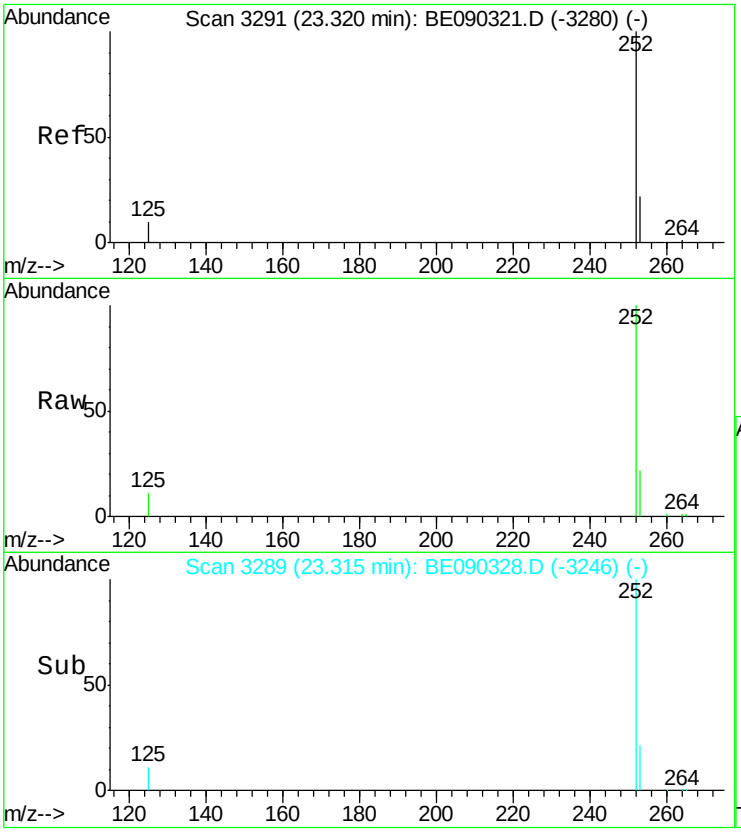


#34
Benzo(k)fluoranthene
Concen: 2.64 ng m
RT: 22.76 min Scan# 3168
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:252 Resp: 36476

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.9	29.9
125	10.1	11.2	16.8#





#35
Benzo(a)pyrene
Concen: 2.45 ng
RT: 23.32 min Scan# 3289
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:252 Resp: 20782

Ion	Ratio	Lower	Upper
252	100		
253	21.7	23.0	34.4#
125	11.5	14.2	21.2#

Instrument :
BNA_E
ClientSampleId :
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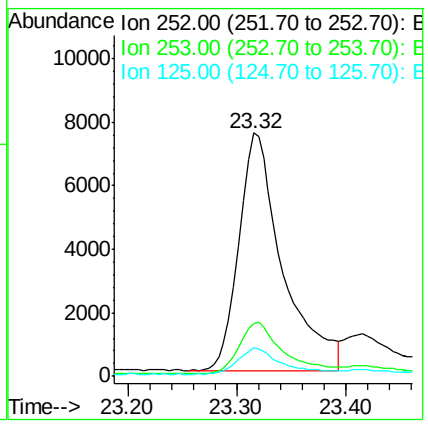
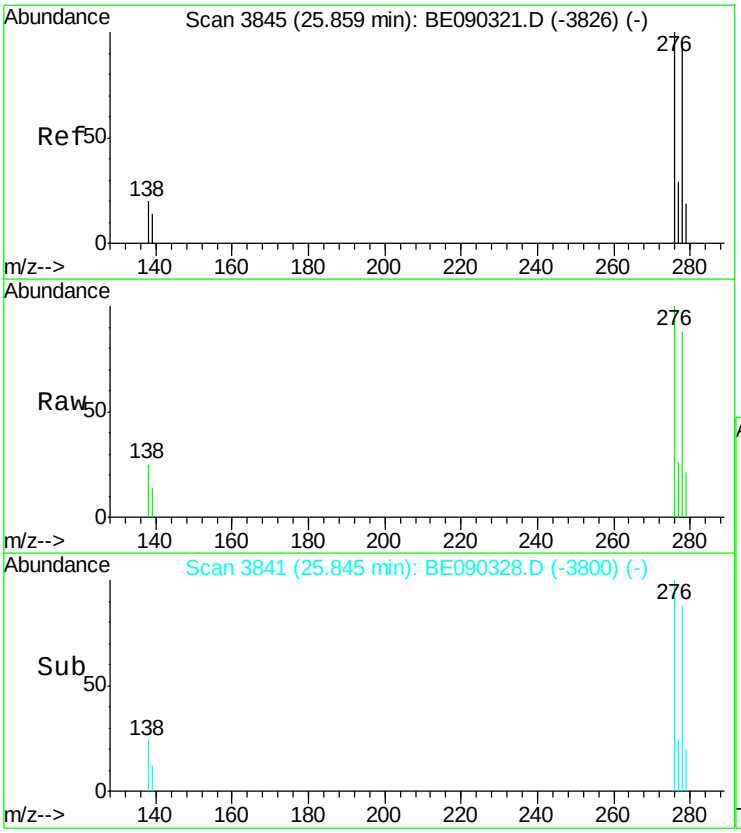
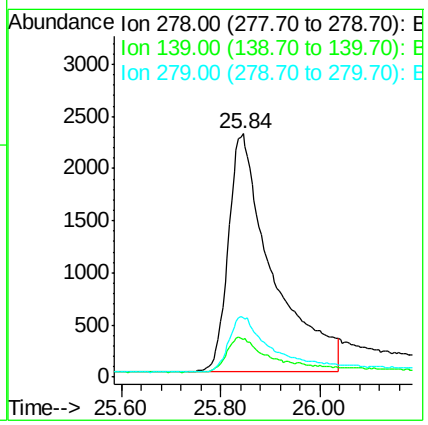


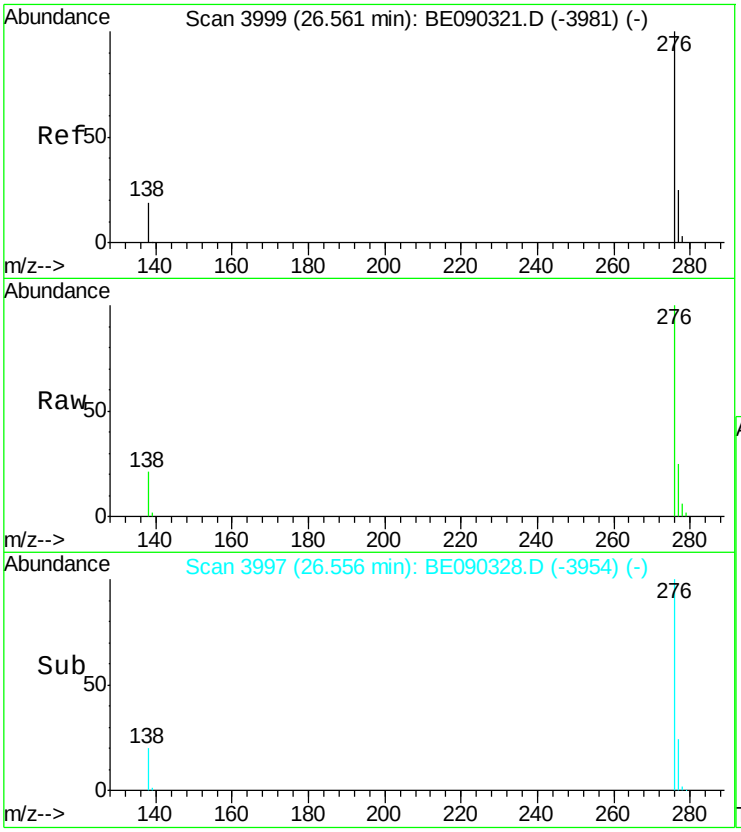


#36
Dibenzo(a,h)anthracene
Concen: 2.73 ng
RT: 25.84 min Scan# 3841
Delta R.T. -0.01 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:278 Resp: 13987

Ion	Ratio	Lower	Upper
278	100		
139	15.7	27.8	41.6#
279	24.4	30.9	46.3#

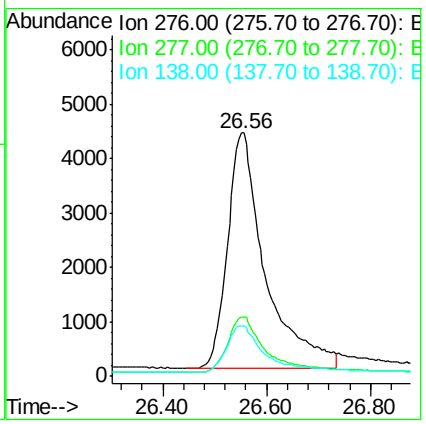




#37
Benzo(g,h,i)perylene
Concen: 2.43 ng
RT: 26.56 min Scan# 3997
Delta R.T. -0.00 min
Lab File: BE090328.D
Acq: 4 Aug 2015 2:38

Tgt Ion:276 Resp: 21775

Ion	Ratio	Lower	Upper
276	100		
277	24.5	25.6	38.4#
138	20.9	22.0	33.0#



Instrument :
BNA_E
ClientSampleId :
PB84793BSD

Manual Integrations APPROVED
MMDadoda
8/4/2015 3:27:14 PM