Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE031916\
Data File : BE091480.D
Acq On : 18 Mar 2016 12:09
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Manual Integrations APPROVED
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Quant Time: Mar 18 14:19:40 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 14:14:30 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	66526	5.00	ng		0.00
6) Naphthalene-d8	10.61	136	293840	5.00	ng		0.00
10) Acenaphthene-d10	14.45	164	166015	5.00	ng		0.00
16) Phenanthrene-d10	17.17	188	421093	5.00	ng		-0.01
22) Chrysene-d12	21.34	240	586574	5.00	ng		0.00
28) Perylene-d12	23.80	264	500643	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	5181	0.34	ng		0.00
5) Phenol-d6	6.99	99	6483	0.32	ng		0.00
7) Nitrobenzene-d5	8.98	82	4276	0.47	ng		0.00
11) 2,4,6-Tribromophenol	15.92	330	1301m	0.46	ng		-0.01
12) 2-Fluorobiphenyl	13.07	172	15344	0.37	ng		0.00
24) Terphenyl-d14	19.80	244	23285	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	3407	0.41	ng		93
3) n-Nitrosodimethylamine	3.68	42	3804	0.32	ng	#	98
8) Naphthalene	10.65	128	27423	0.38	ng		97
9) 2-Methylnaphthalene	12.26	142	16013	0.35	ng		90
13) Acenaphthylene	14.15	152	22124	0.39	ng		100
14) Acenaphthene	14.50	154	18684	0.37	ng		95
15) Fluorene	15.48	166	23680	0.37	ng		100
17) Hexachlorobenzene	16.48	284	6800	0.37	ng		98
18) Pentachlorophenol	16.83	266	2052	0.41	ng		91
19) Phenanthrene	17.22	178	45422	0.38	ng		99
20) Anthracene	17.31	178	35799	0.34	ng		100
21) Fluoranthene	19.23	202	47214	0.34	ng		99
23) Pyrene	19.59	202	49152	0.34	ng		100
25) Benzo(a)anthracene	21.31	228	57328m	0.36	ng		
26) Chrysene	21.36	228	65314m	0.43	ng		
27) Indeno(1,2,3-cd)pyrene	26.39	276	55621	0.33	ng		99
29) Benzo(b)fluoranthene	23.03	252	59069	0.37	ng		97
30) Benzo(k)fluoranthene	23.09	252	52234	0.32	ng		97
31) Benzo(a)pyrene	23.68	252	44931	0.32	ng		98
32) Dibenzo(a,h)anthracene	26.41	278	46612	0.34	ng		99
33) Benzo(g,h,i)perylene	27.17	276	49297	0.35	ng		99

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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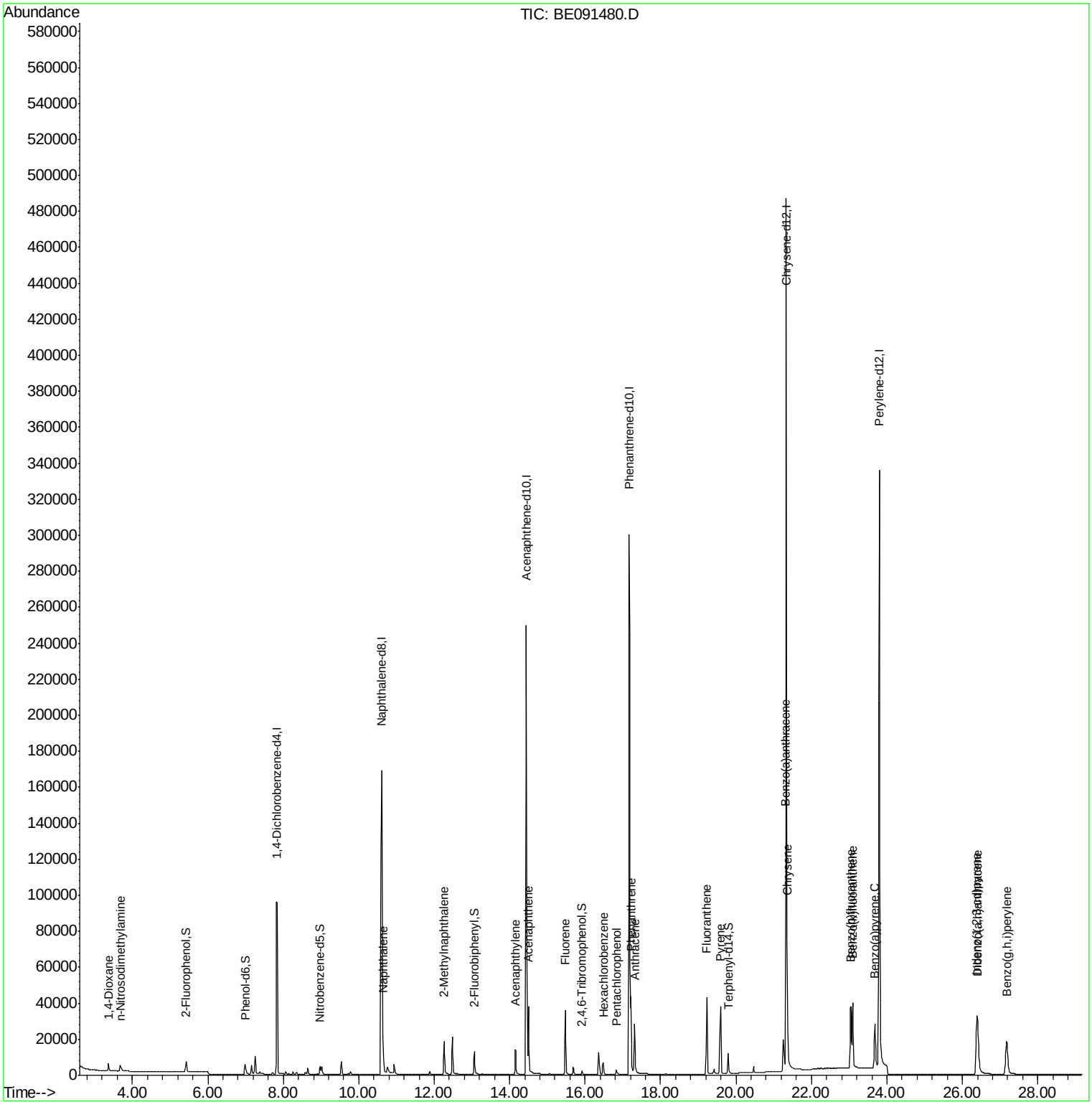
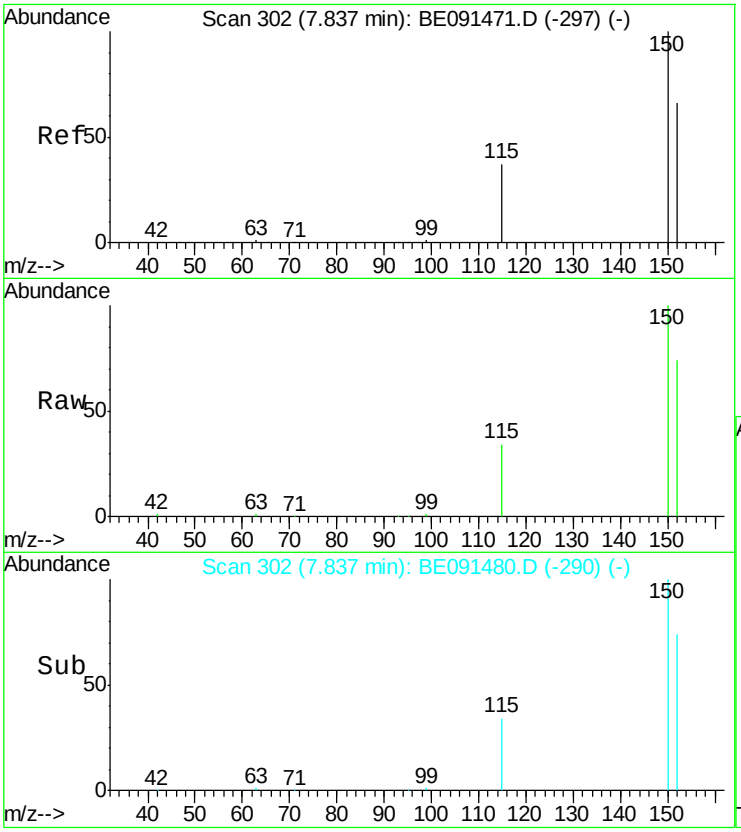
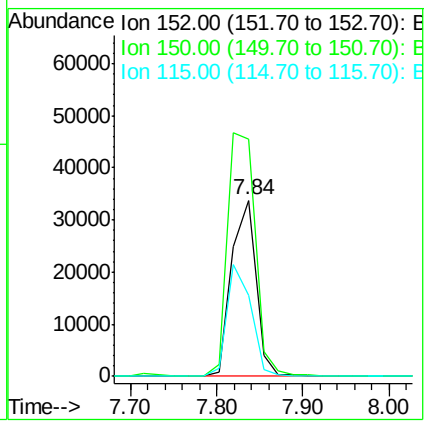




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.84 min Scan# 302
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:152 Resp: 66526

Ion	Ratio	Lower	Upper
152	100		
150	134.5	122.2	183.2
115	45.8	45.9	68.9#



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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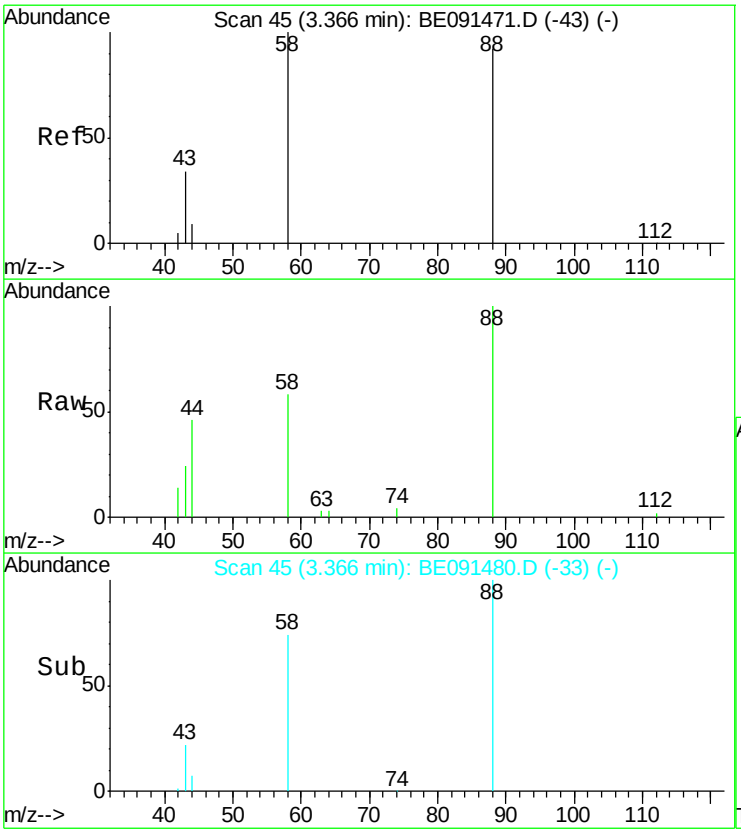
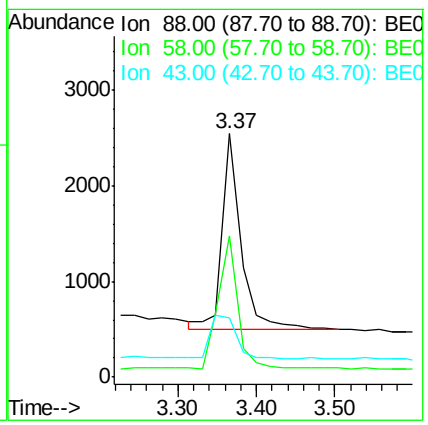
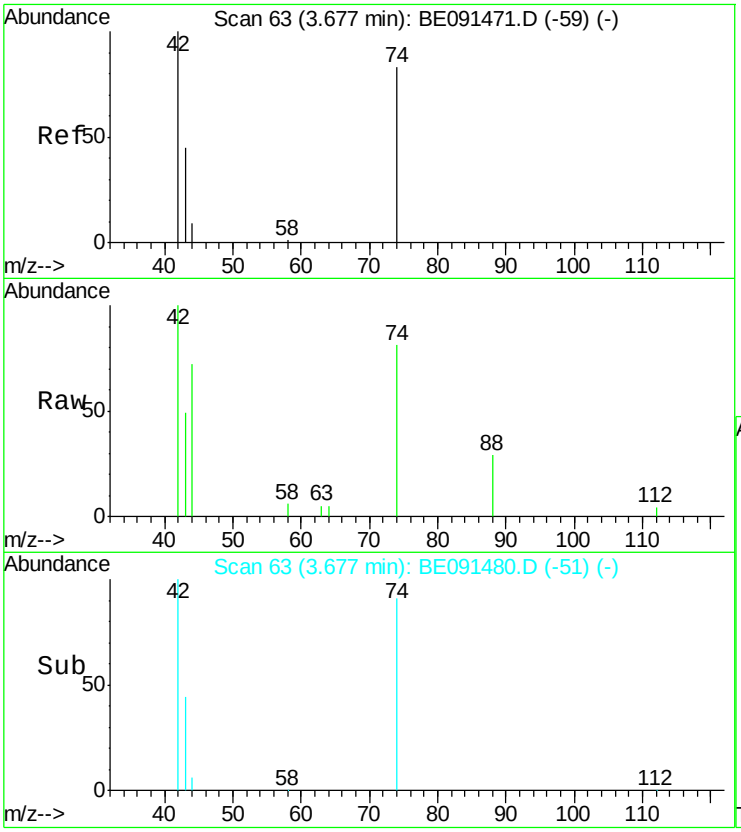


#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.37 min Scan# 45
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion: 88 Resp: 3407

Ion	Ratio	Lower	Upper
88	100		
58	68.7	61.0	91.6
43	30.2	25.4	38.2

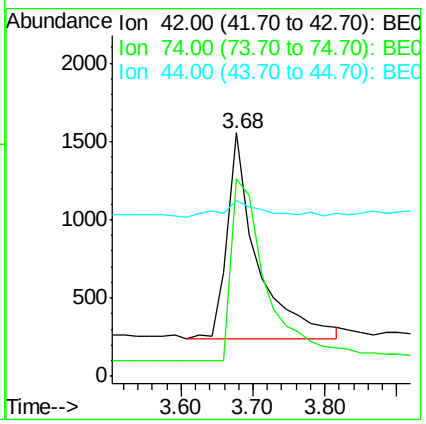




#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.68 min Scan# 63
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion: 42 Resp: 3804

Ion	Ratio	Lower	Upper
42	100		
74	103.5	84.3	126.5
44	10.6	6.7	10.1#



Instrument :
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ClientSampleId :
SSTDCCC0.4

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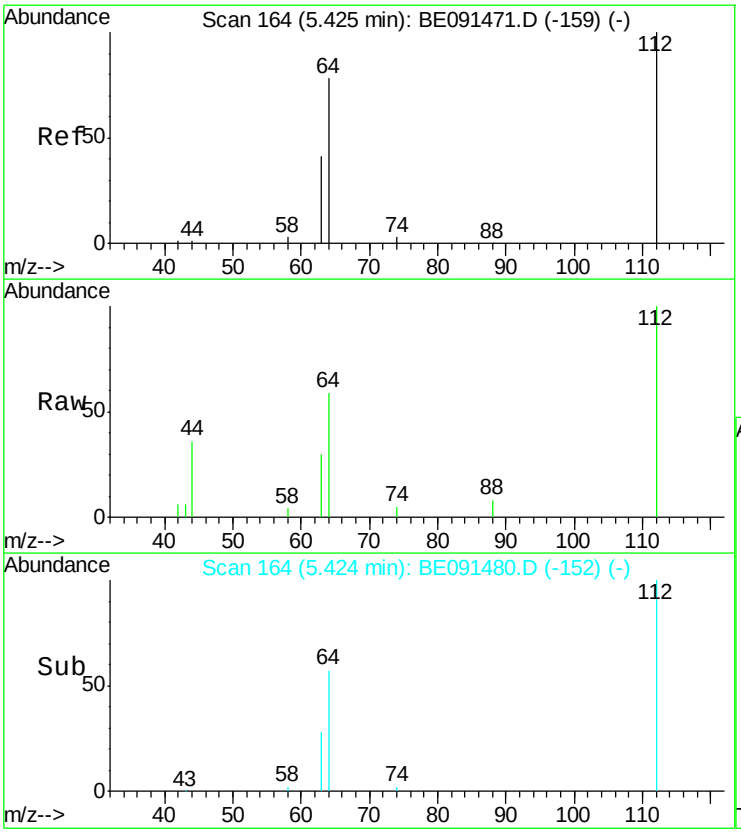
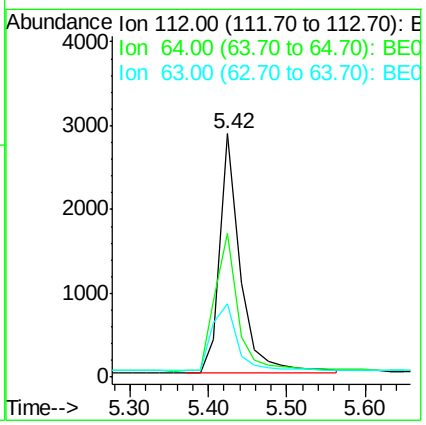
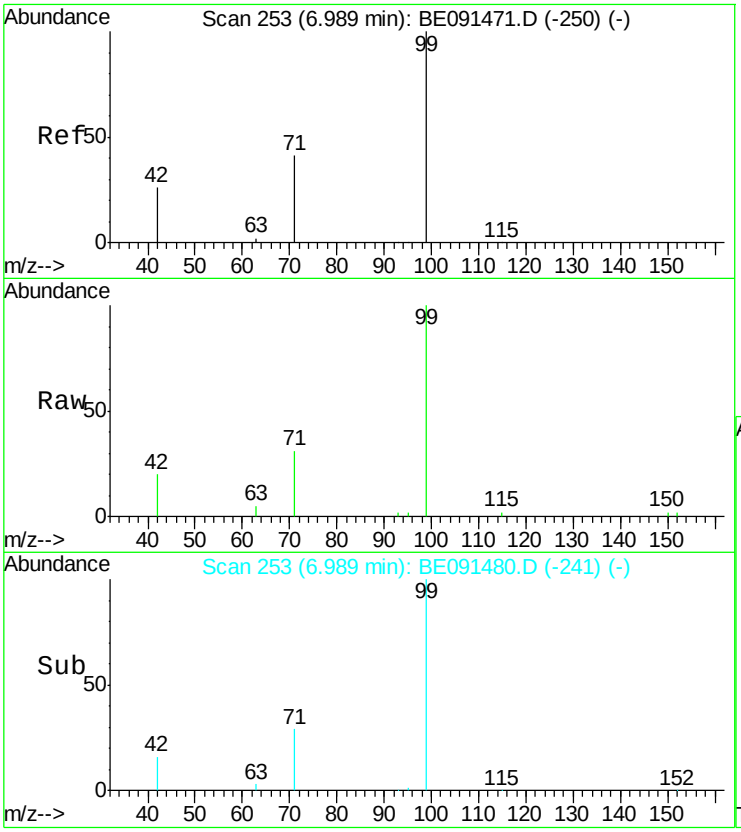


#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.42 min Scan# 164
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:112 Resp: 5181

Ion	Ratio	Lower	Upper
112	100		
64	65.0	53.3	79.9
63	35.6	29.8	44.8

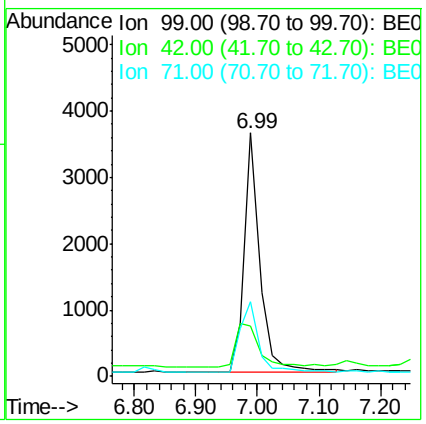




#5
Phenol-d6
Concen: 0.32 ng
RT: 6.99 min Scan# 253
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion: 99 Resp: 6483

Ion	Ratio	Lower	Upper
99	100		
42	25.3	20.6	30.8
71	35.2	29.0	43.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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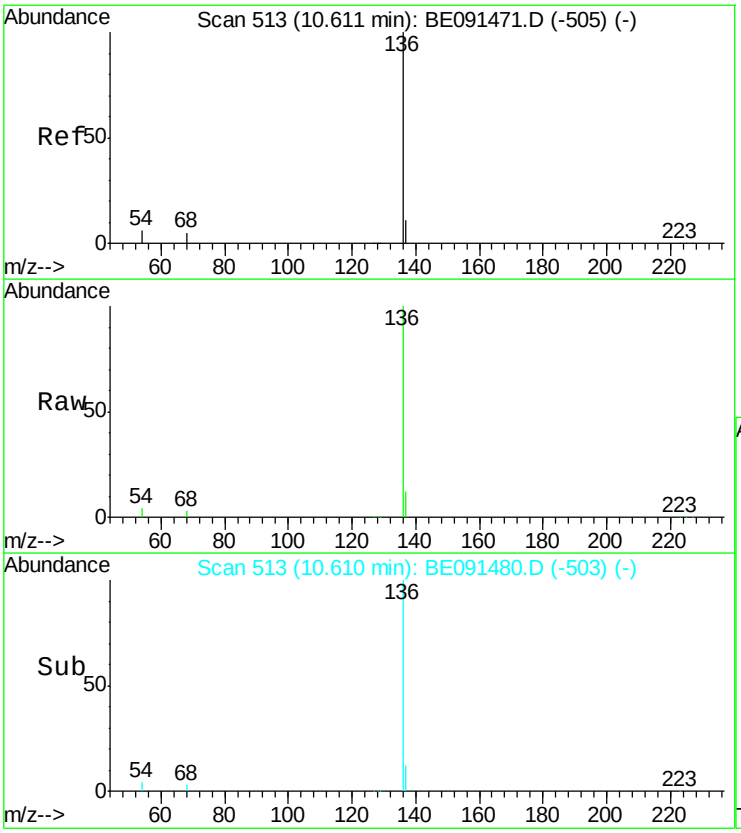
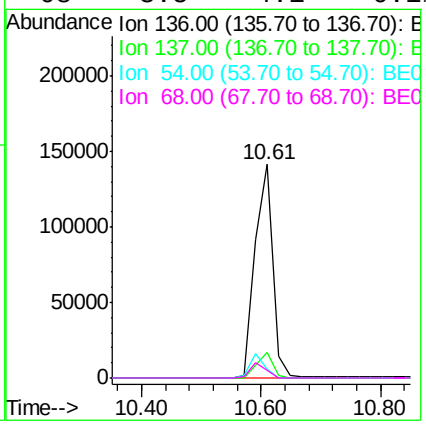
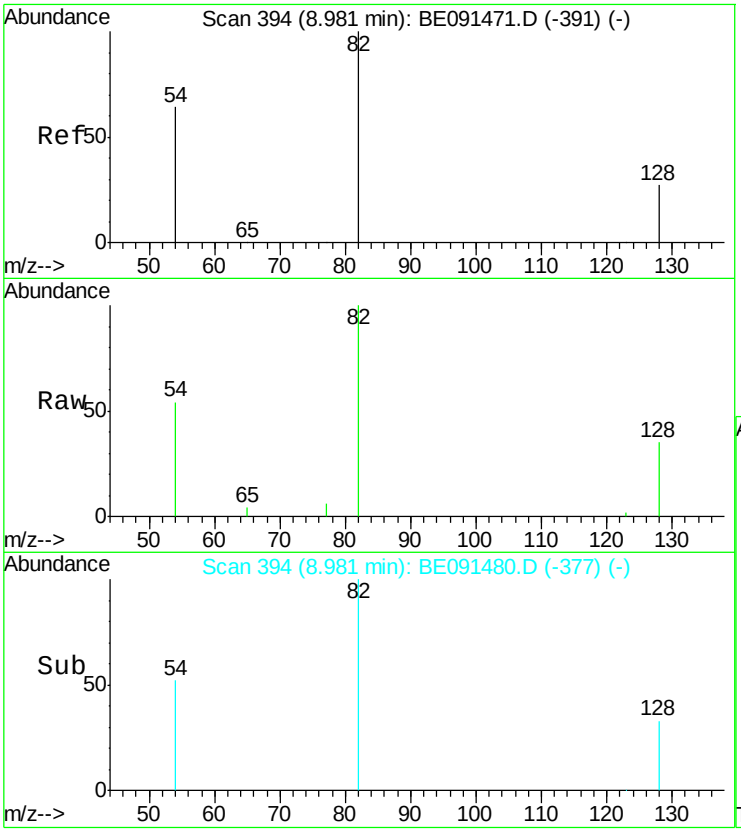


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.61 min Scan# 513
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:136 Resp: 293840

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.8	13.2
54	4.2	5.2	7.8#
68	3.5	4.1	6.1#

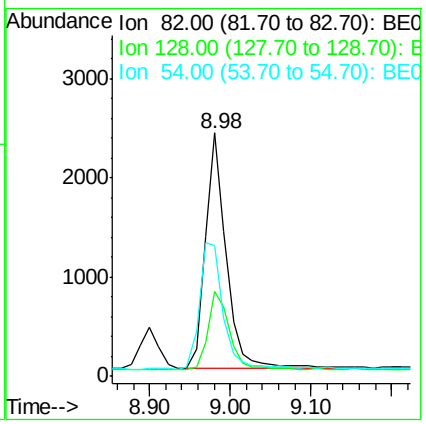




#7
Nitrobenzene-d5
Concen: 0.47 ng
RT: 8.98 min Scan# 394
Delta R.T. 0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion: 82 Resp: 4276

Ion	Ratio	Lower	Upper
82	100		
128	35.0	23.5	35.3
54	53.7	52.4	78.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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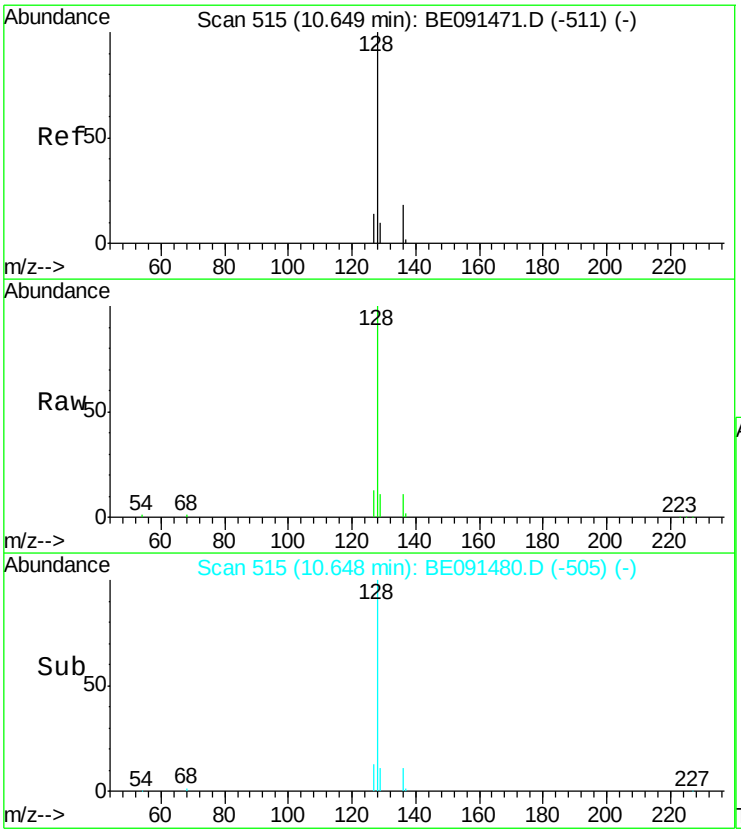
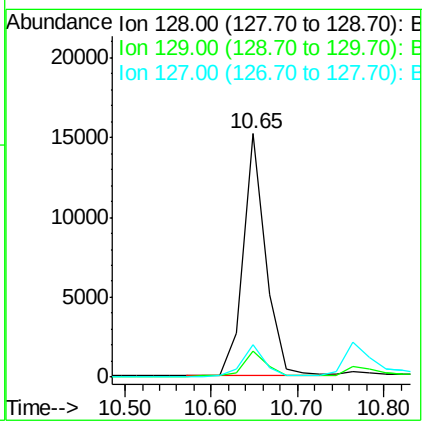
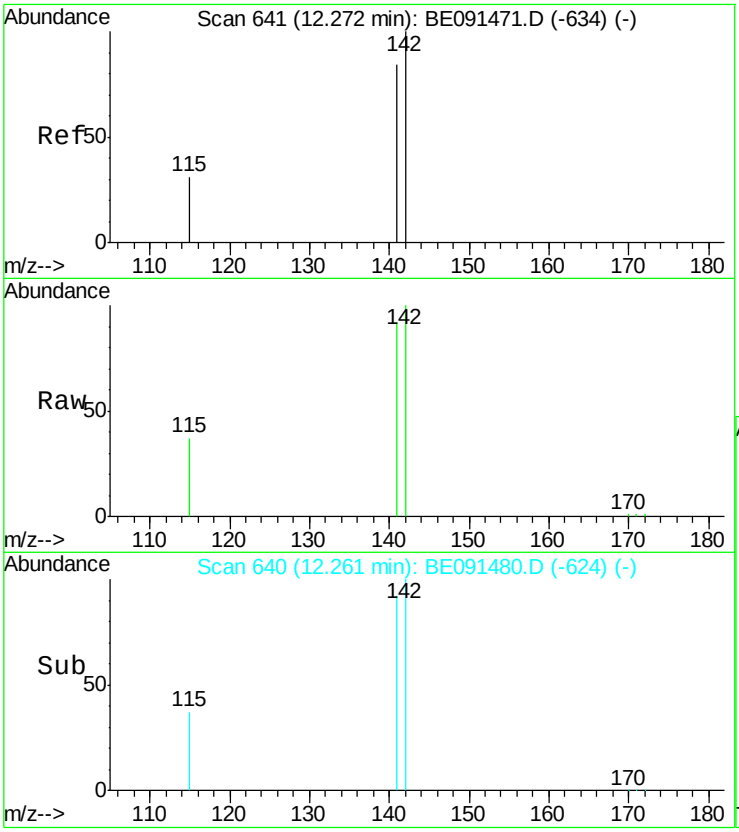


#8
Naphthalene
Concen: 0.38 ng
RT: 10.65 min Scan# 515
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:128 Resp: 27423

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.2
127	13.2	11.8	17.8

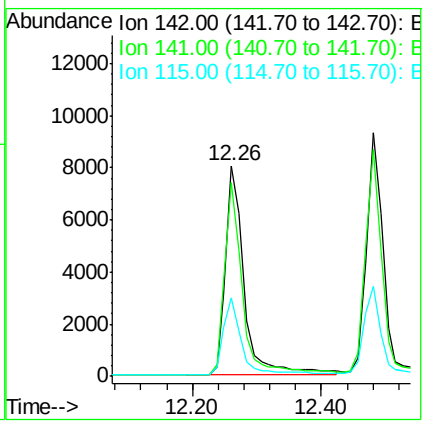




#9
2-Methylnaphthalene
Concen: 0.35 ng
RT: 12.26 min Scan# 640
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:142 Resp: 16013

Ion	Ratio	Lower	Upper
142	100		
141	92.0	66.9	100.3
115	37.1	25.1	37.7



Instrument :
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ClientSampleId :
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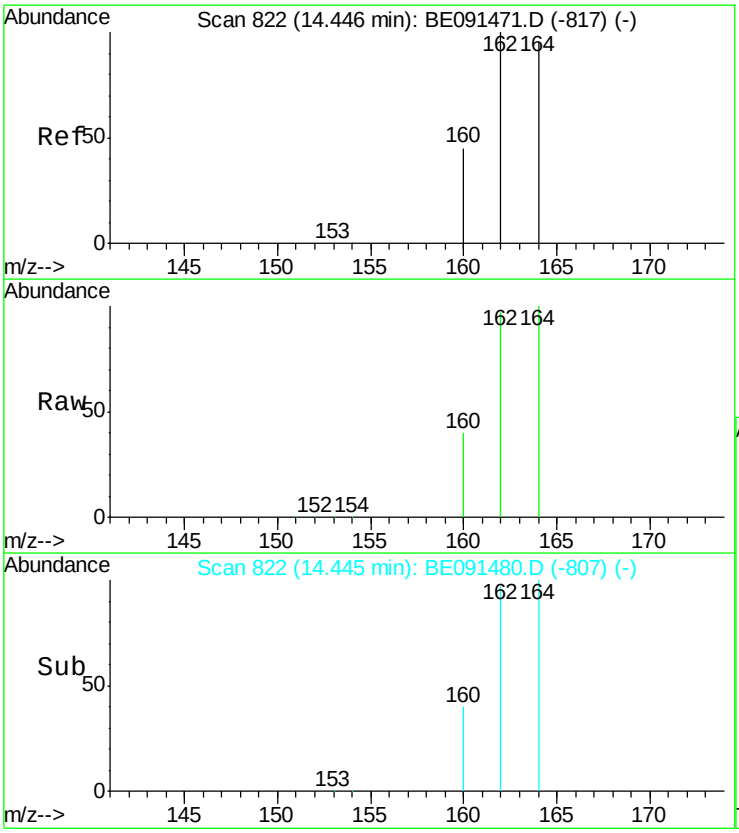
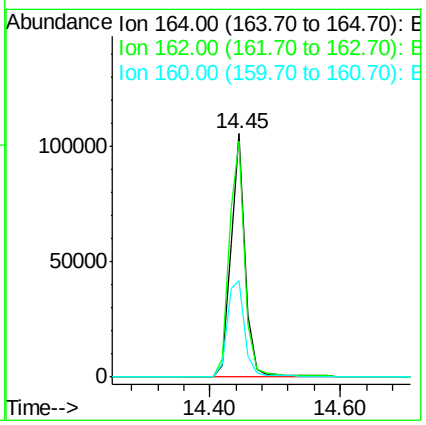
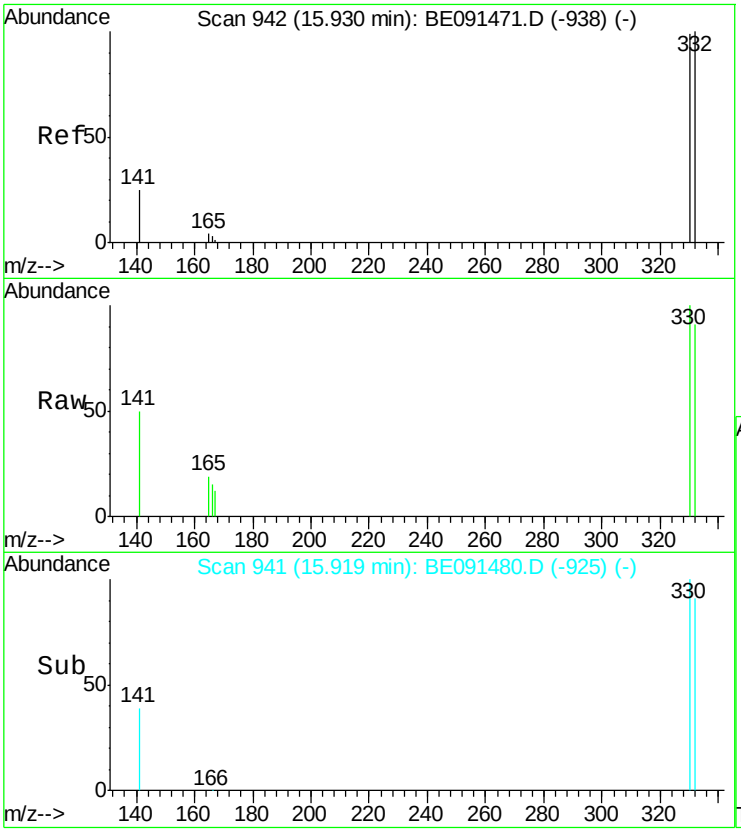


#10
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.45 min Scan# 822
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:164 Resp: 166015

Ion	Ratio	Lower	Upper
164	100		
162	96.7	84.4	126.6
160	39.6	37.7	56.5





#11
2,4,6-Tribromophenol
Concen: 0.46 ng m
RT: 15.92 min Scan# 941
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:330 Resp: 1301

Ion	Ratio	Lower	Upper
330	100		
332	151.0	79.2	118.8#
141	51.5	28.1	42.1#

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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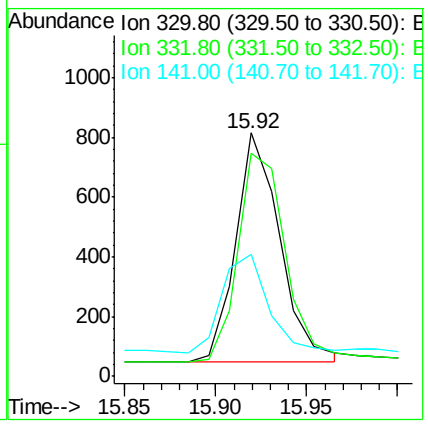
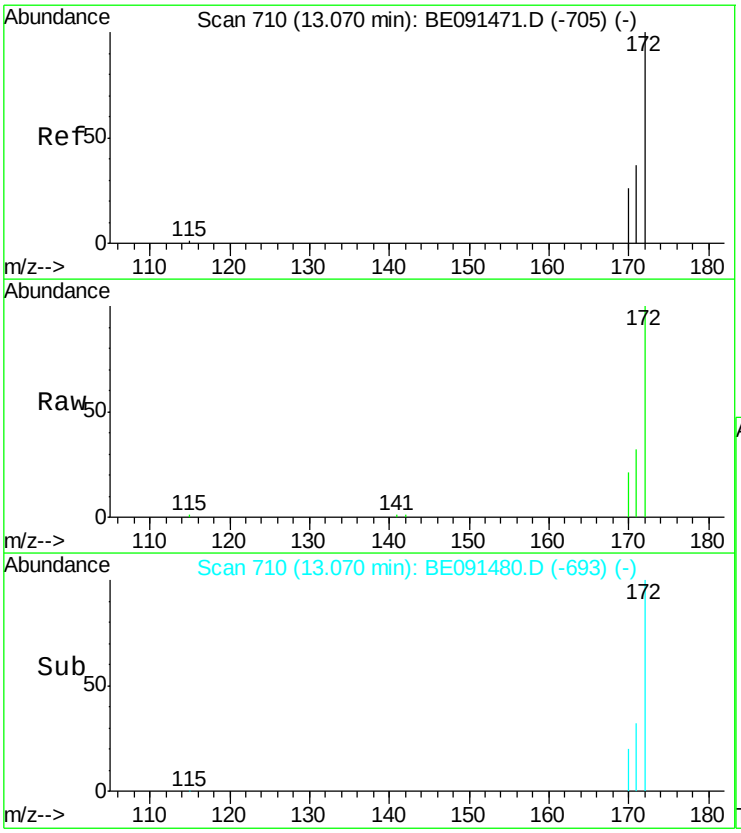
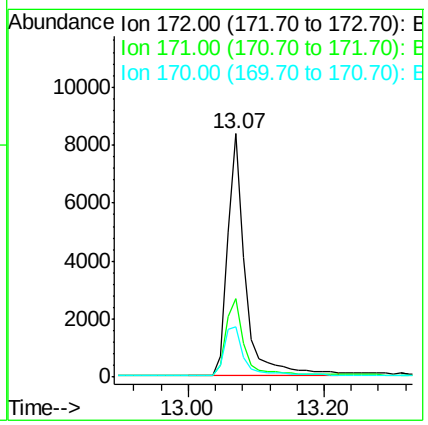


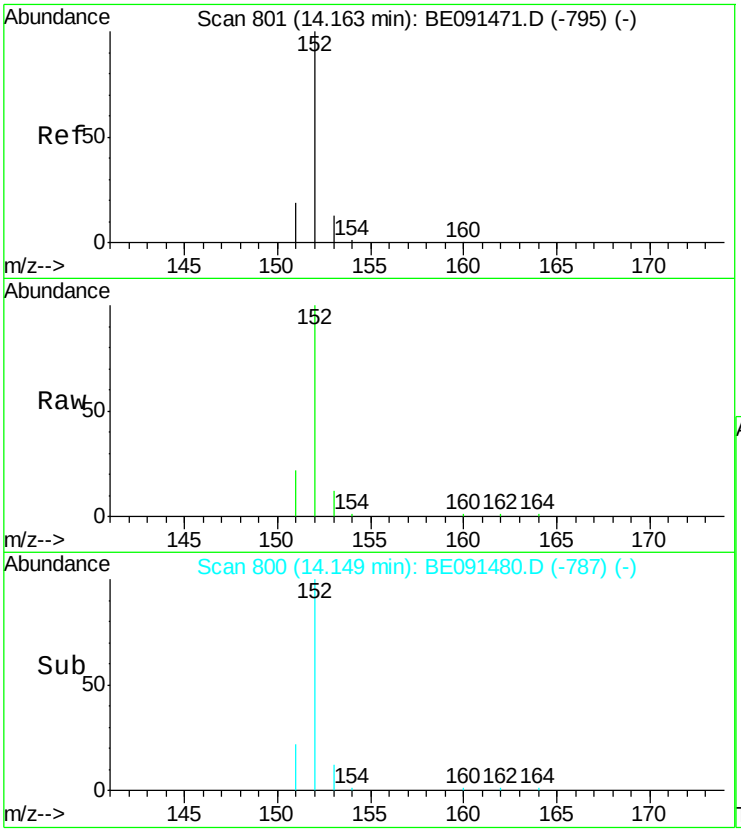


#12
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.07 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:172 Resp: 15344

Ion	Ratio	Lower	Upper
172	100		
171	32.4	29.8	44.8
170	20.8	21.4	32.2#

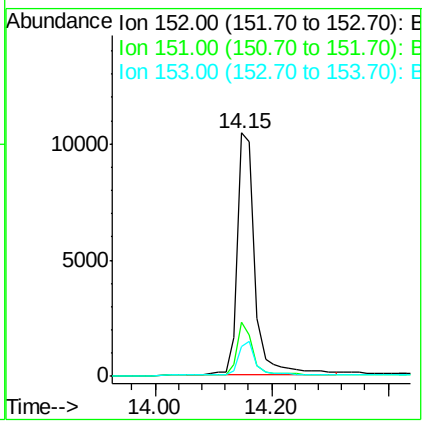




#13
Acenaphthylene
Concen: 0.39 ng
RT: 14.15 min Scan# 800
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:152 Resp: 22124

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	14.0	11.1	16.7



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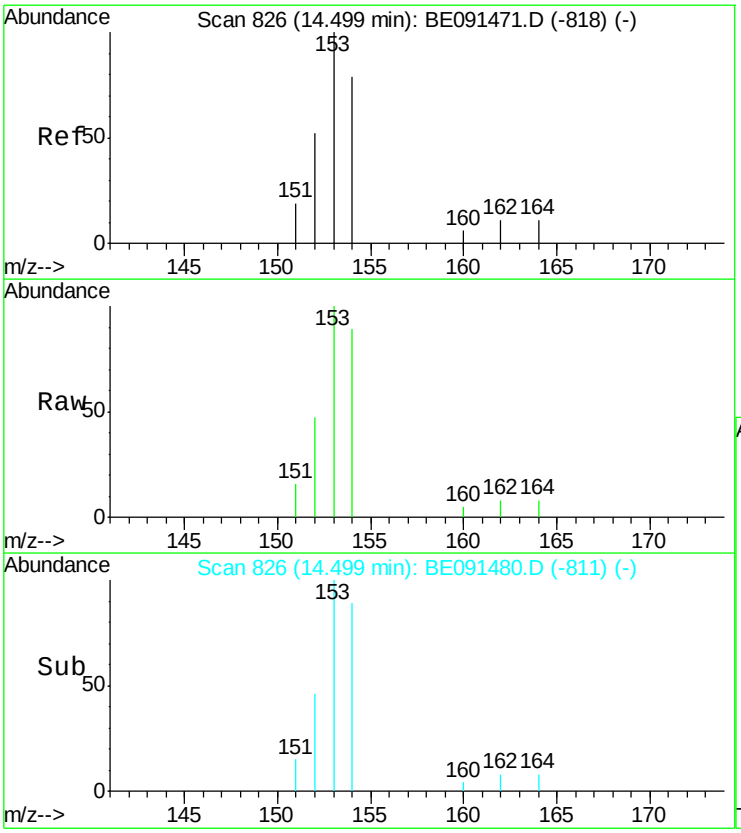
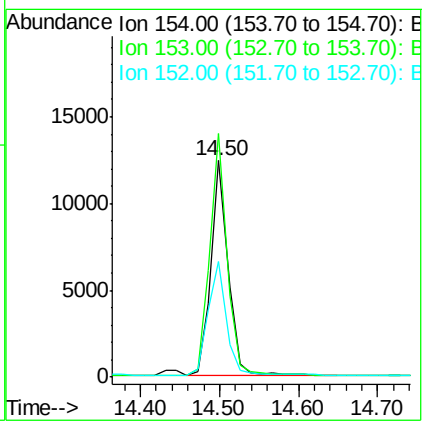
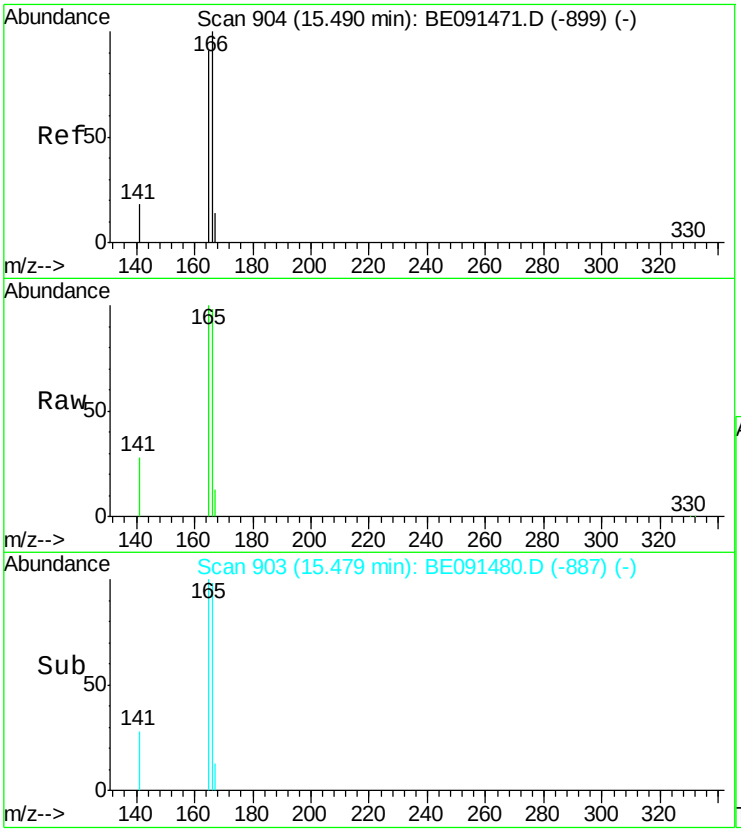


#14
Acenaphthene
Concen: 0.37 ng
RT: 14.50 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:154 Resp: 18684

Ion	Ratio	Lower	Upper
154	100		
153	115.2	87.3	130.9
152	55.9	42.9	64.3

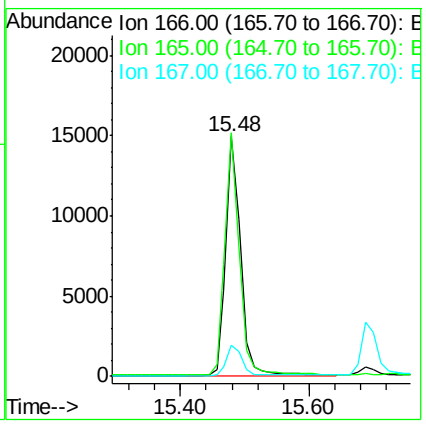




#15
Fluorene
Concen: 0.37 ng
RT: 15.48 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:166 Resp: 23680

Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.2	118.8
167	13.6	10.8	16.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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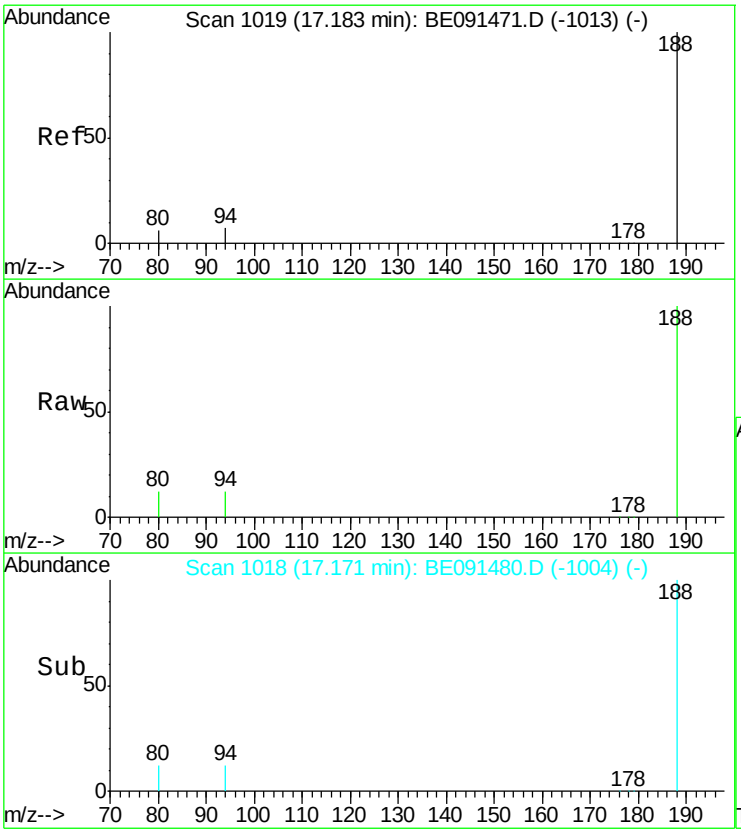
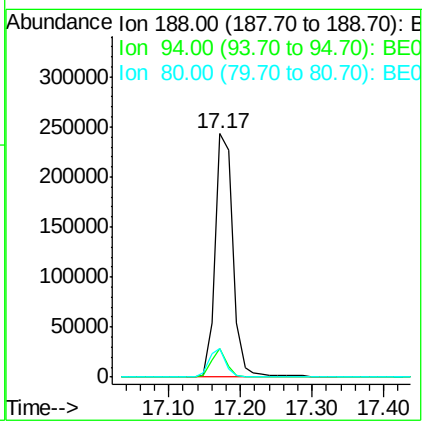
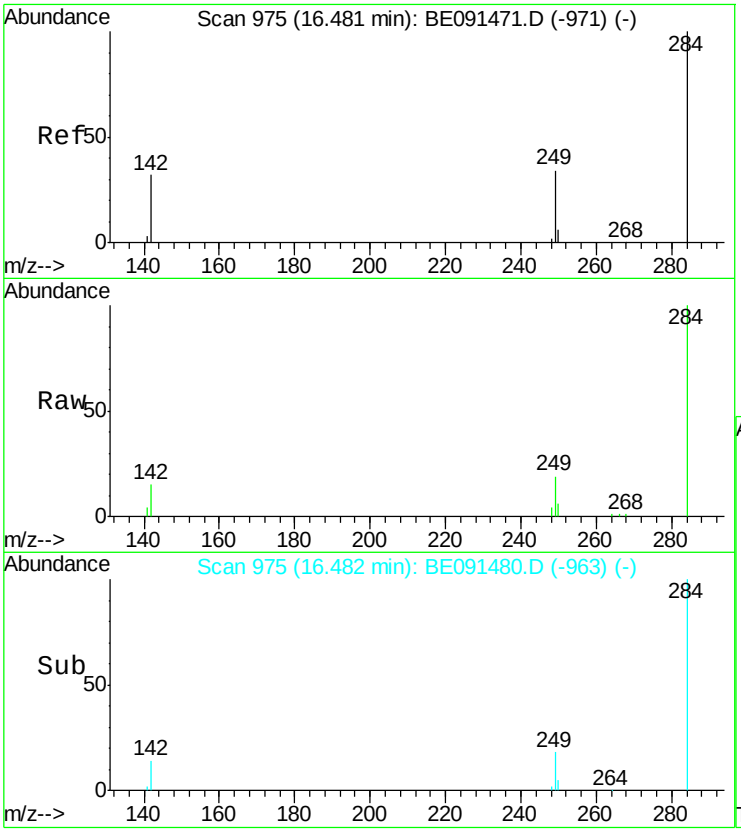


#16
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.17 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:188 Resp: 421093

Ion	Ratio	Lower	Upper
188	100		
94	11.6	5.4	8.2#
80	11.8	5.0	7.4#

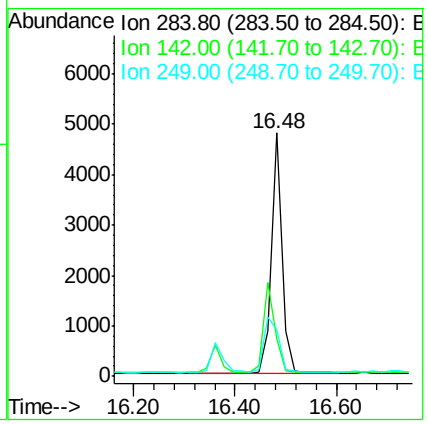




#17
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.48 min Scan# 975
Delta R.T. 0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:284 Resp: 6800

Ion	Ratio	Lower	Upper
284	100		
142	40.4	31.0	46.4
249	31.5	25.8	38.8



Instrument :
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ClientSampleId :
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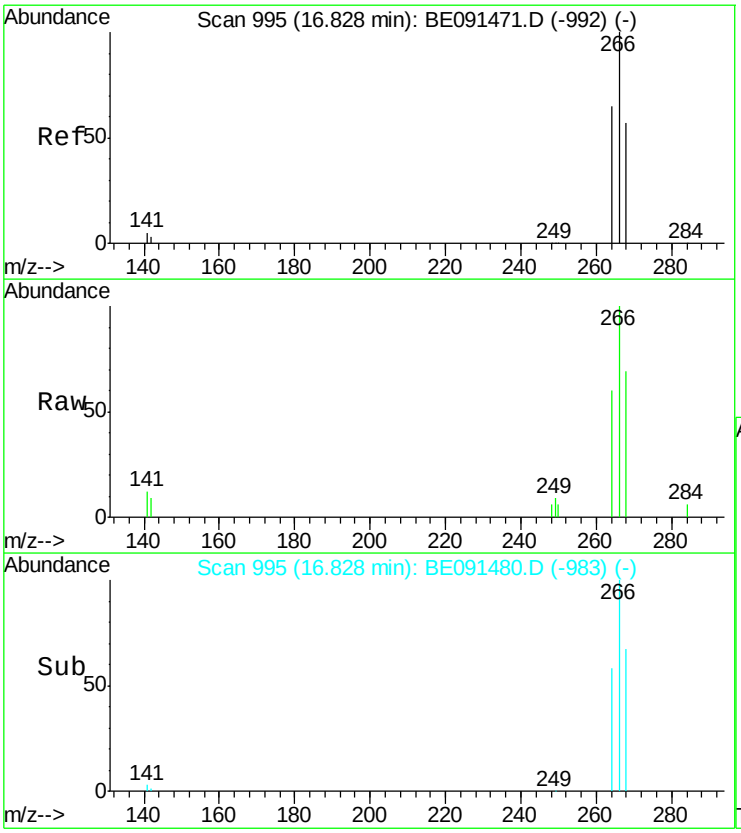
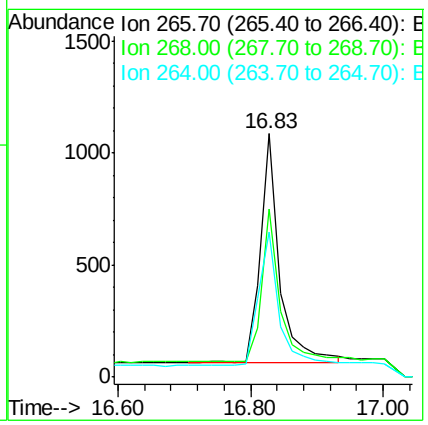
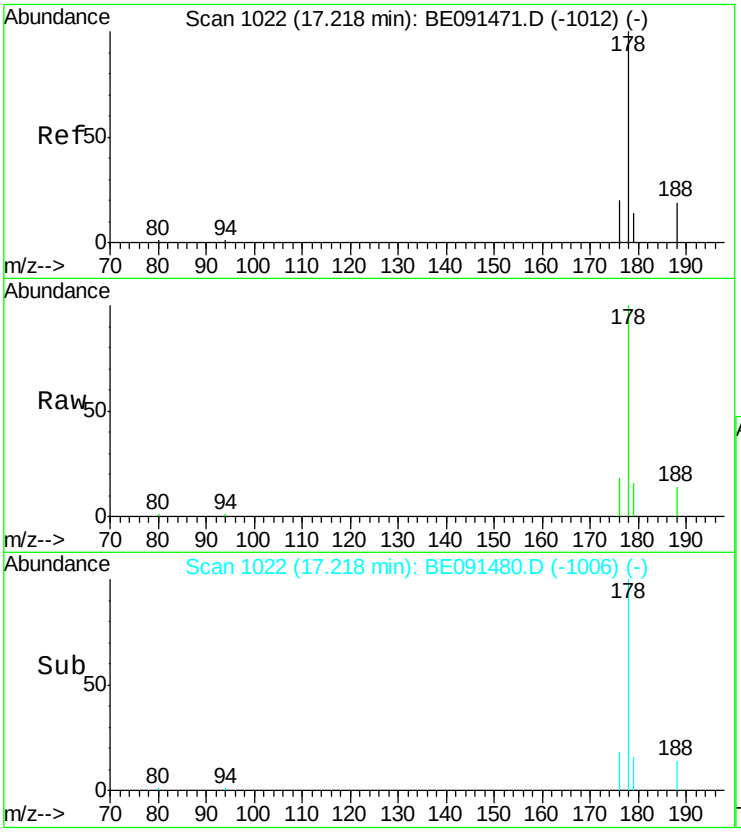


#18
Pentachlorophenol
Concen: 0.41 ng
RT: 16.83 min Scan# 995
Delta R.T. 0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:266 Resp: 2052

Ion	Ratio	Lower	Upper
266	100		
268	68.8	48.2	72.2
264	59.6	52.1	78.1

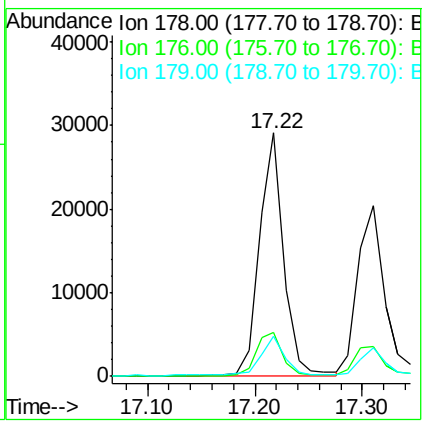




#19
Phenanthrene
Concen: 0.38 ng
RT: 17.22 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:178 Resp: 45422

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.9	13.1	19.7



Instrument :
BNA_E
ClientSampleId :
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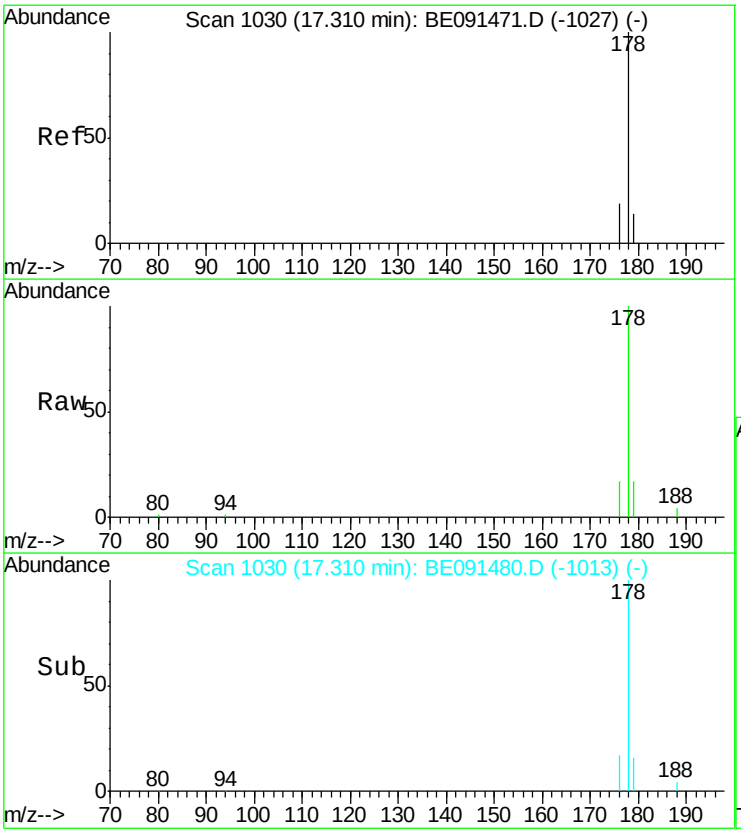
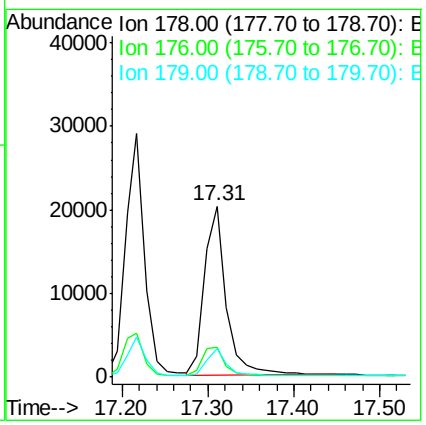
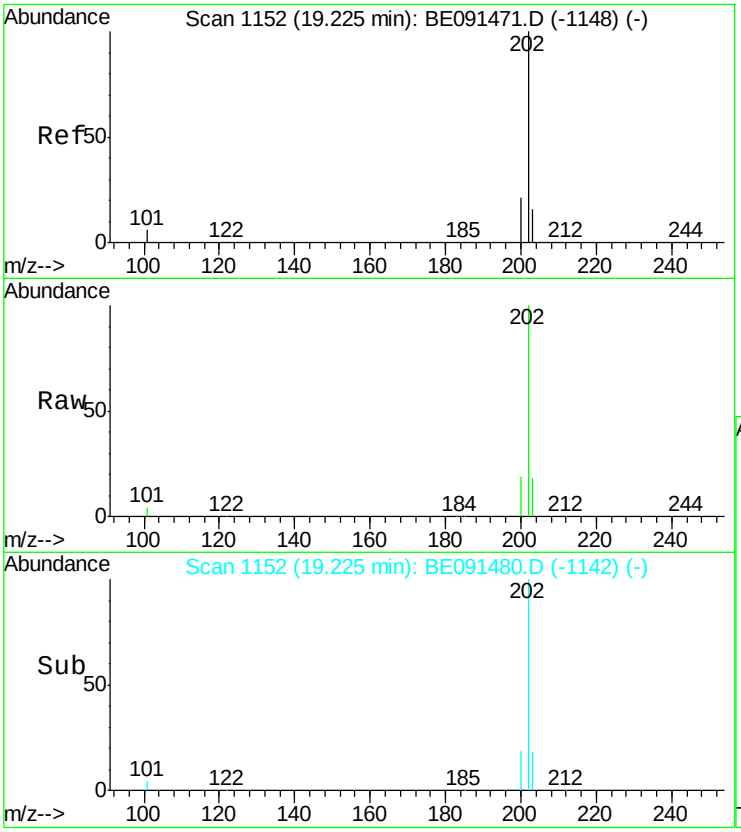


#20
Anthracene
Concen: 0.34 ng
RT: 17.31 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:178 Resp: 35799

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.2	18.4

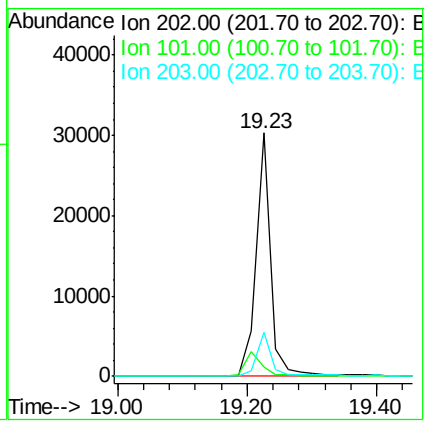




#21
Fluoranthene
Concen: 0.34 ng
RT: 19.23 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:202 Resp: 47214

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.3	12.5
203	17.6	13.9	20.9



Instrument :
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ClientSampleId :
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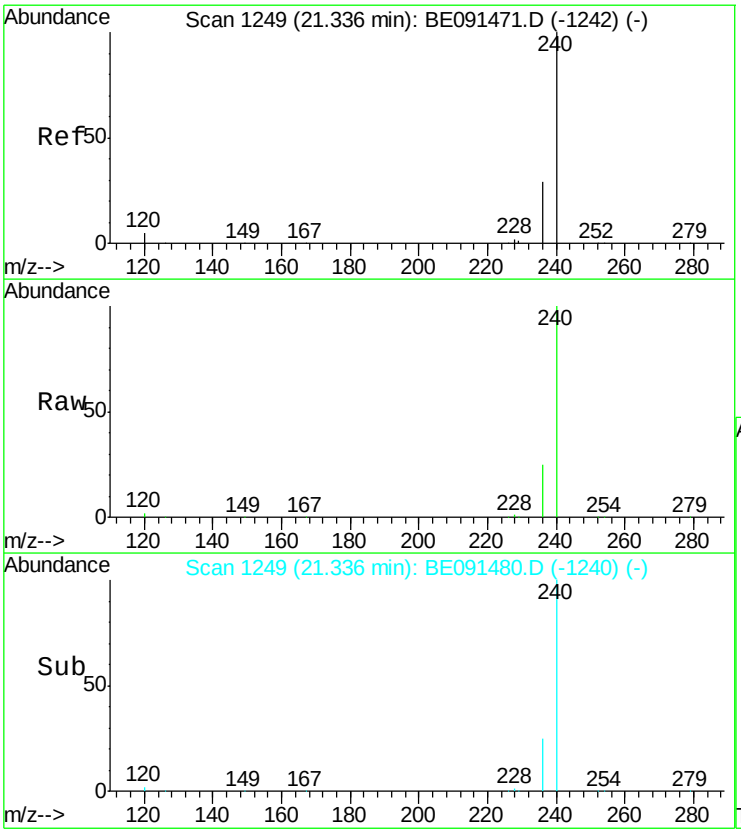
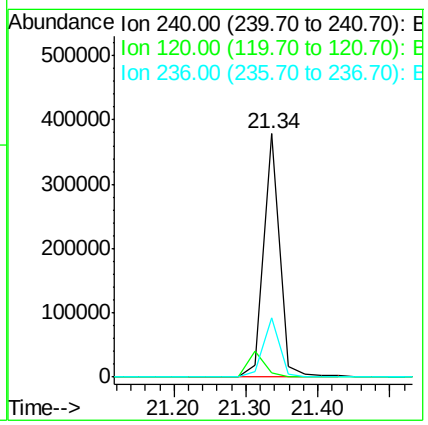
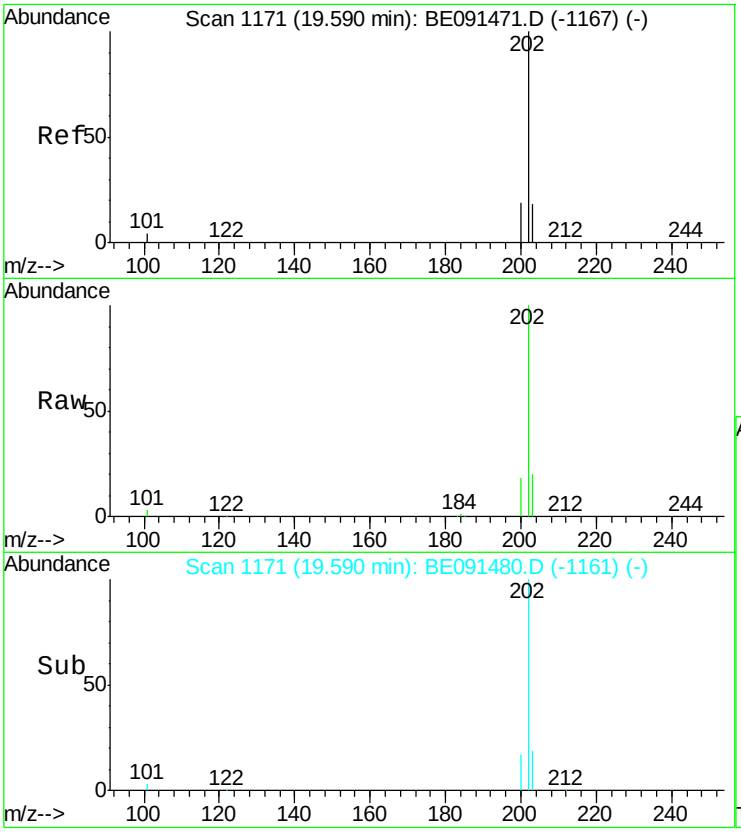


#22
Chrysene-d12
Concen: 5.00 ng
RT: 21.34 min Scan# 1249
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:240 Resp: 586574

Ion	Ratio	Lower	Upper
240	100		
120	1.8	4.0	6.0#
236	24.6	23.0	34.4





#23
Pyrene
Concen: 0.34 ng
RT: 19.59 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:202 Resp: 49152

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	18.0	14.6	21.8

Instrument :
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ClientSampleId :
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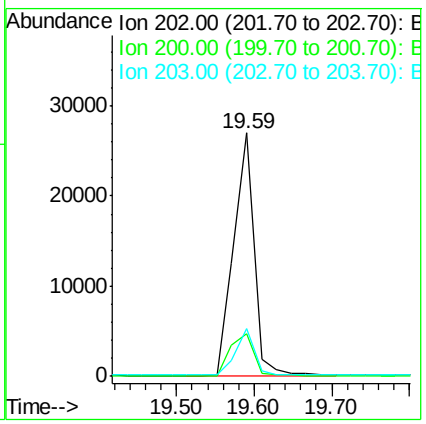
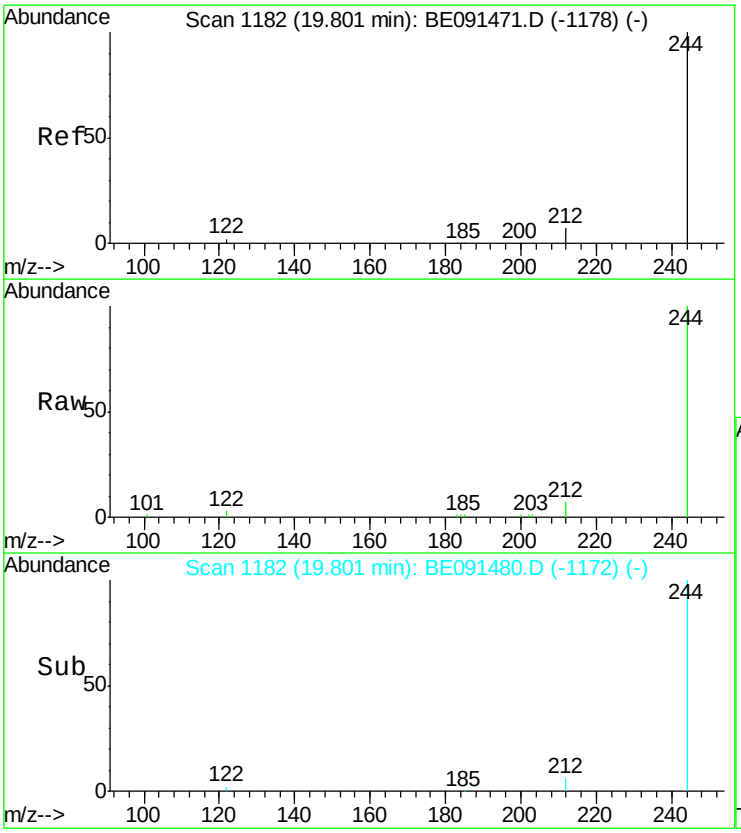
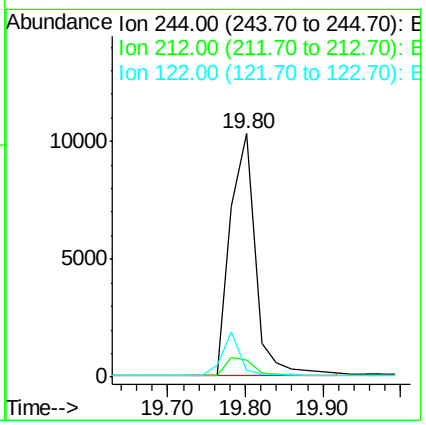


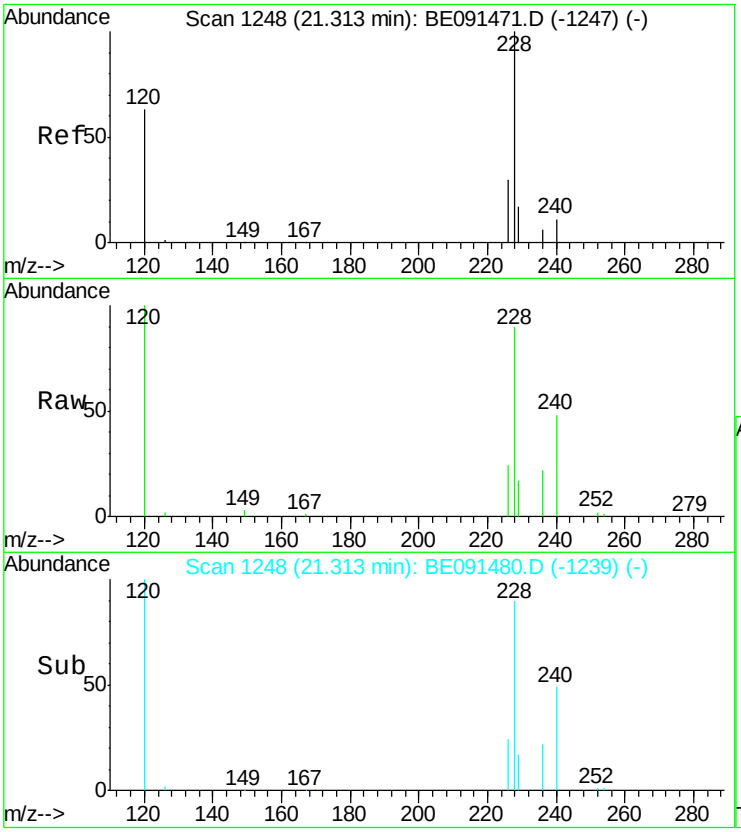


#24
Terphenyl-d14
Concen: 0.33 ng
RT: 19.80 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:244 Resp: 23285

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	2.9	1.8	2.8#

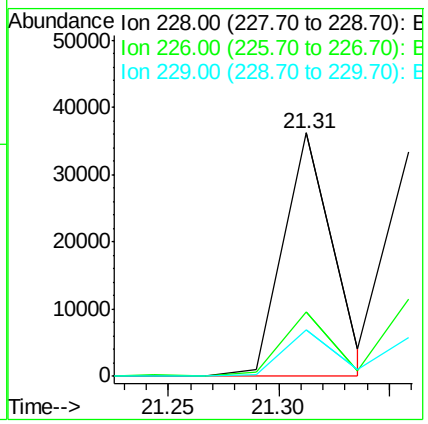




#25
Benzo(a)anthracene
Concen: 0.36 ng m
RT: 21.31 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:228 Resp: 57328

Ion	Ratio	Lower	Upper
228	100		
226	26.5	24.0	36.0
229	19.2	13.8	20.6



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ClientSampleId :
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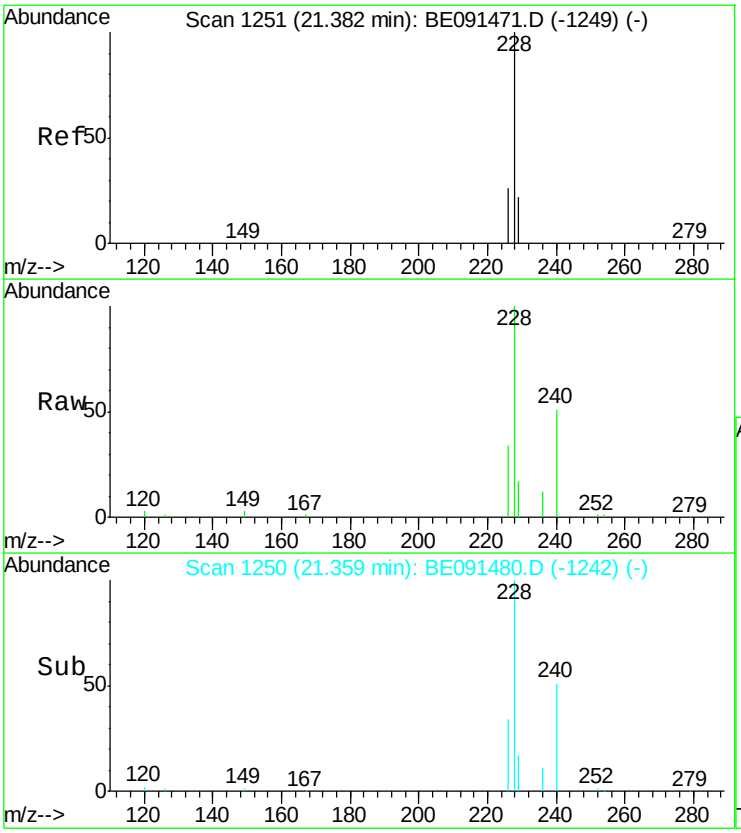
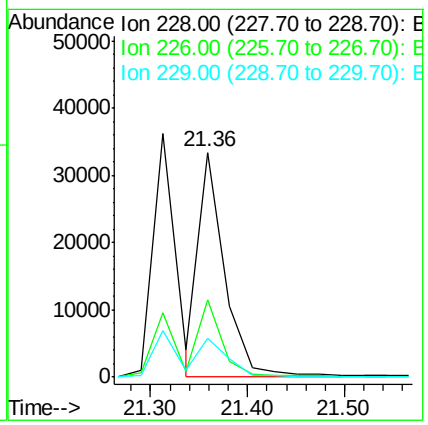
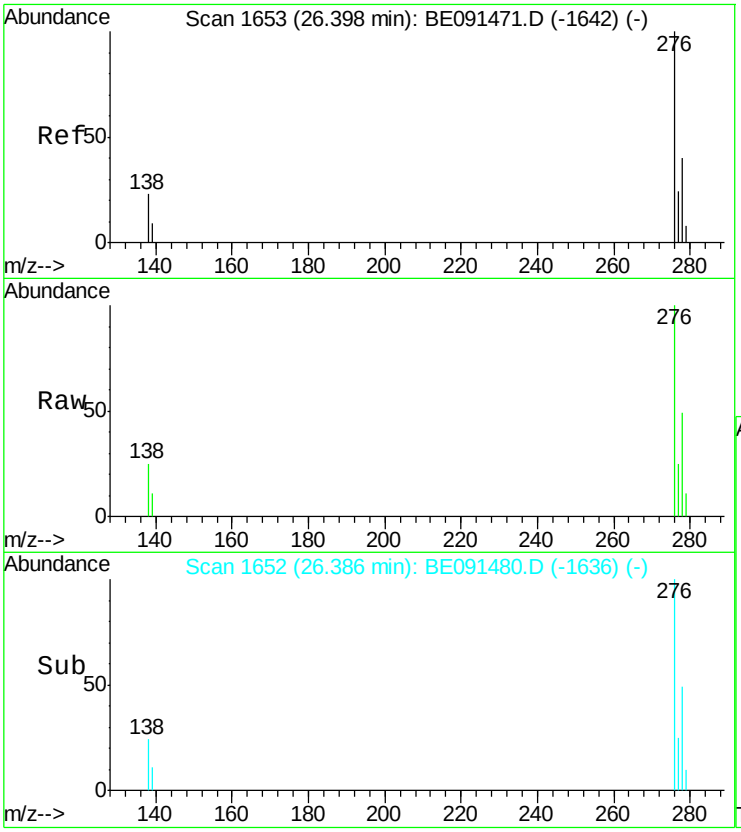


#26
Chrysene
Concen: 0.43 ng m
RT: 21.36 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:228 Resp: 65314

Ion	Ratio	Lower	Upper
228	100		
226	34.0	18.9	28.3#
229	17.2	19.1	28.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 26.39 min Scan# 1652
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:276 Resp: 55621

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.2	30.4
277	24.9	19.8	29.8

Instrument :
BNA_E
ClientSampleId :
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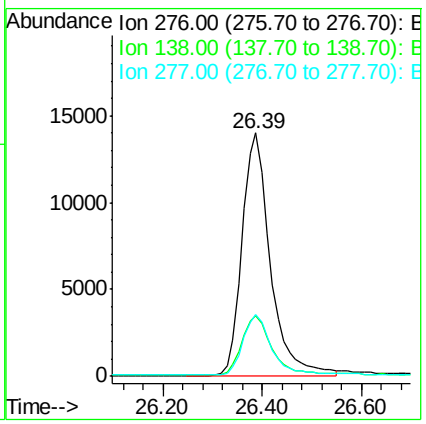
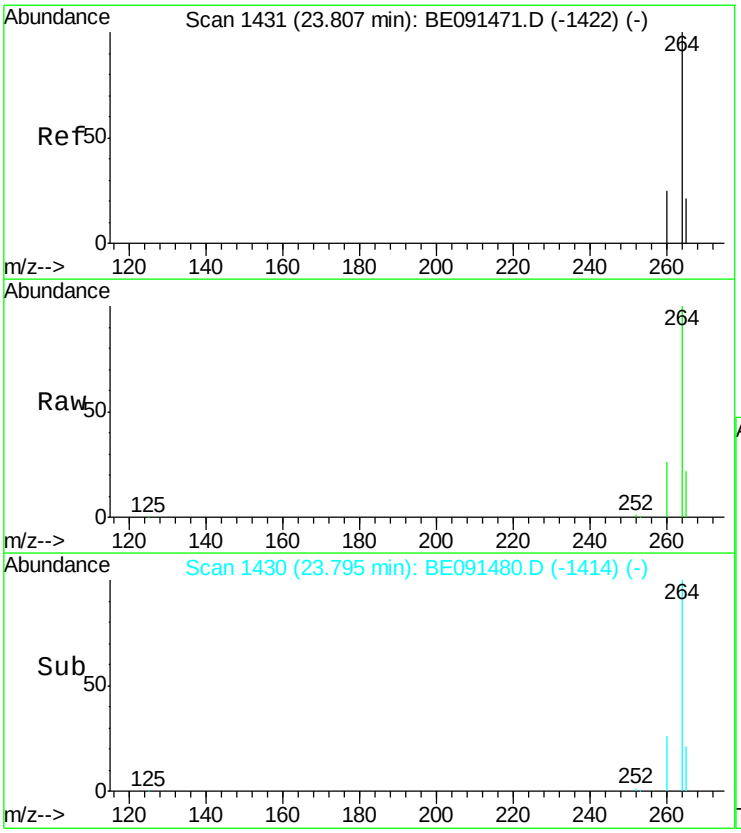
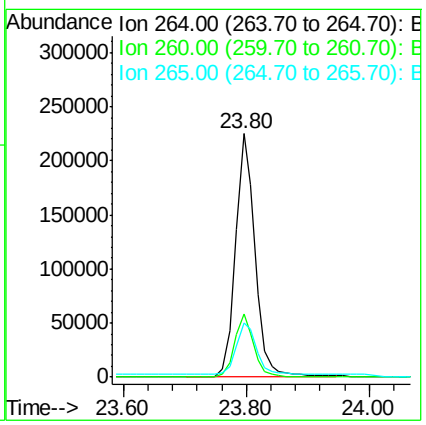


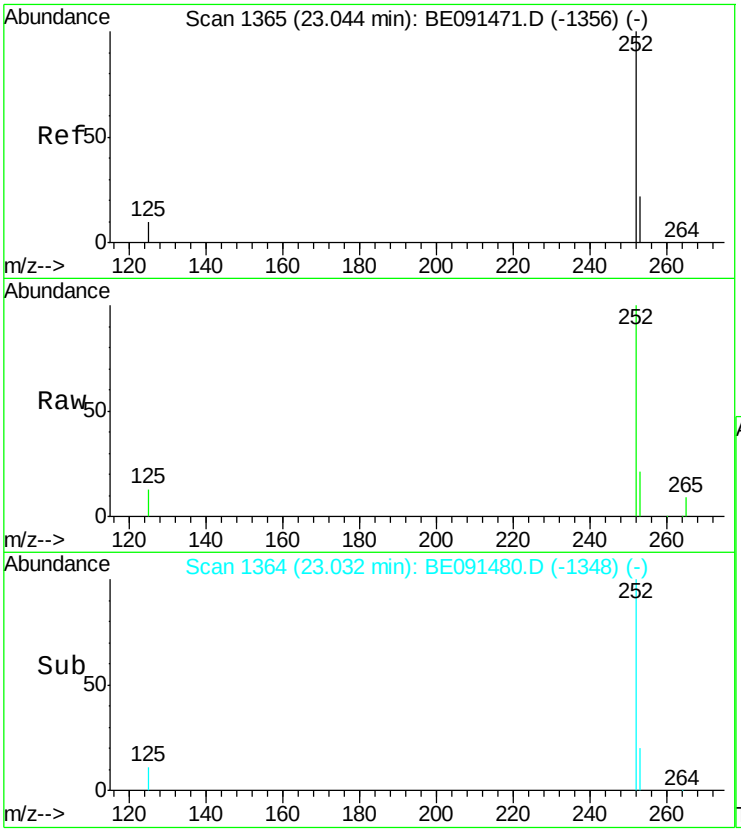


#28
Perylene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:264 Resp: 500643

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.1	30.1
265	22.2	18.3	27.5

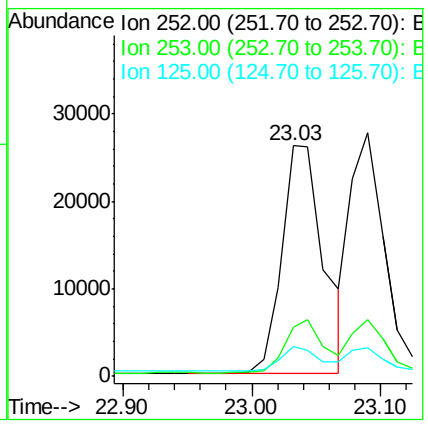




#29
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 23.03 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:252 Resp: 59069

Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.7	28.1
125	12.8	9.8	14.6



Instrument :
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ClientSampleId :
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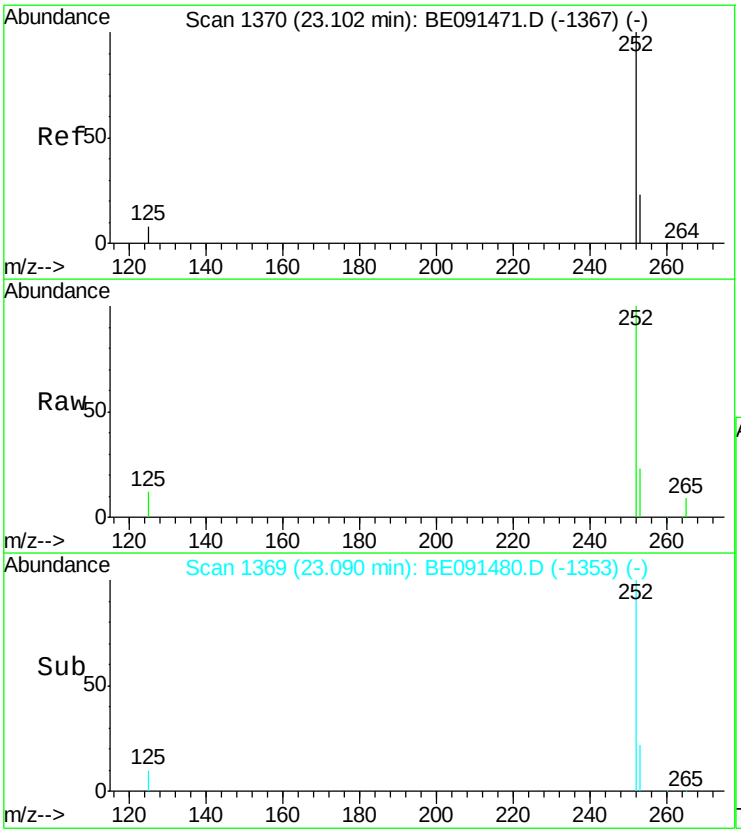
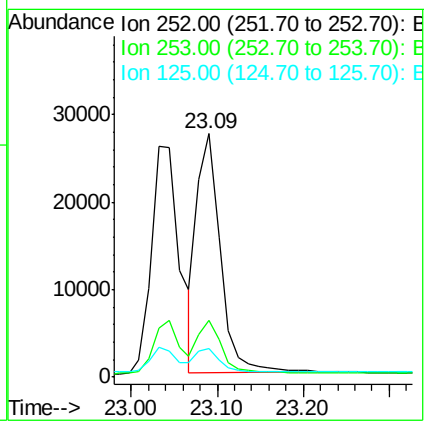
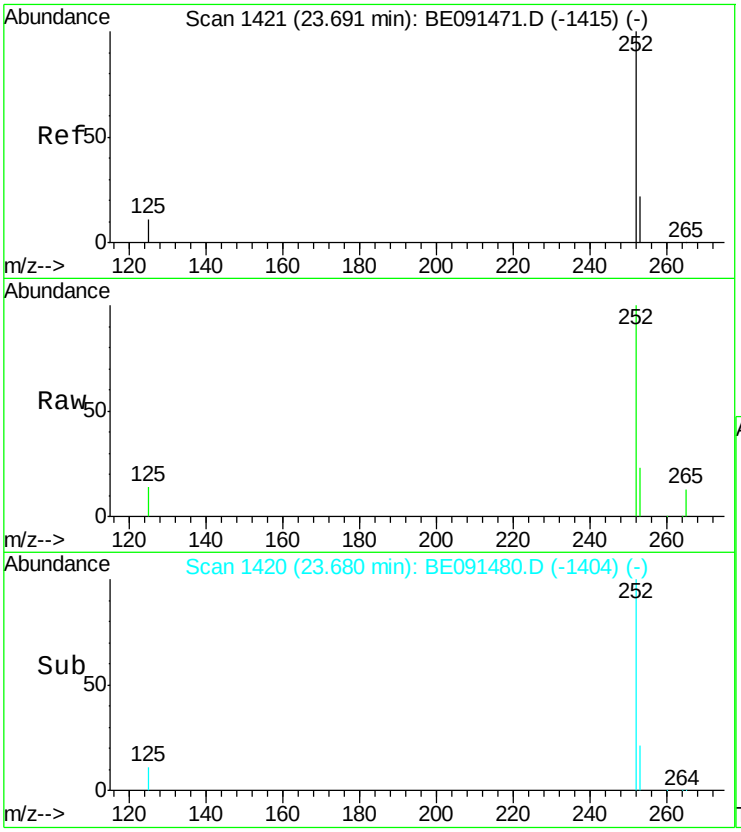


#30
Benzo(k)fluoranthene
Concen: 0.32 ng
RT: 23.09 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:252 Resp: 52234

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.4
125	11.5	9.4	14.2

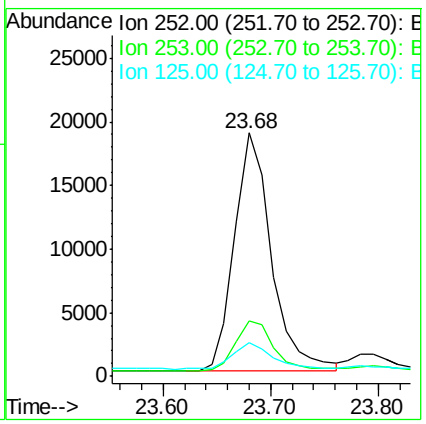




#31
Benzo(a)pyrene
Concen: 0.32 ng
RT: 23.68 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:252 Resp: 44931

Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.4	29.0
125	13.7	11.4	17.2



Instrument :
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ClientSampleId :
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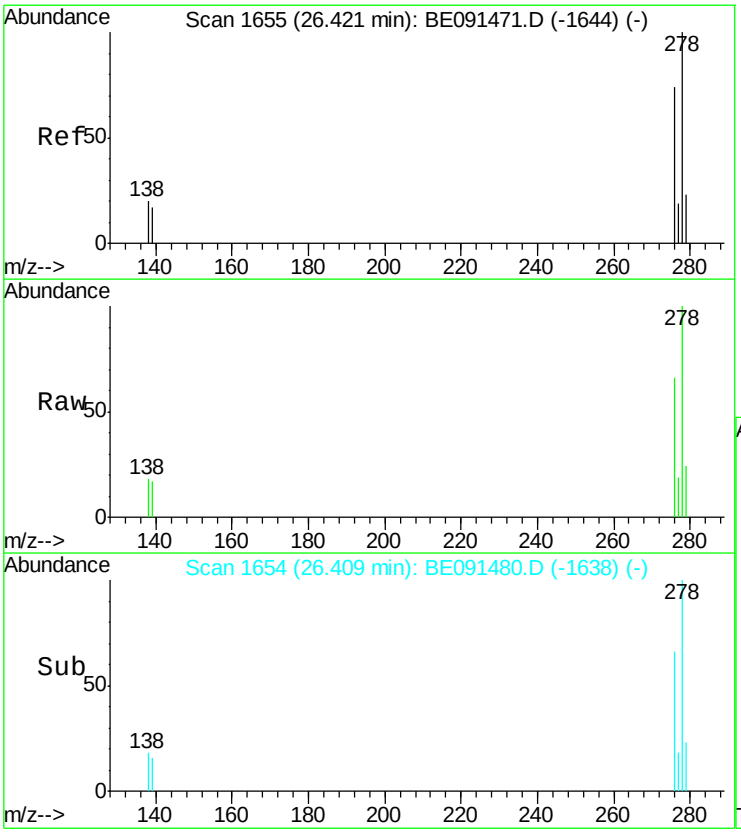
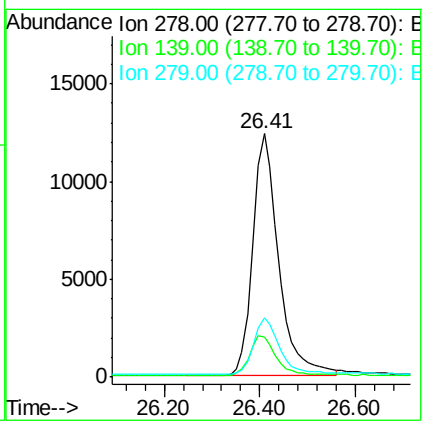
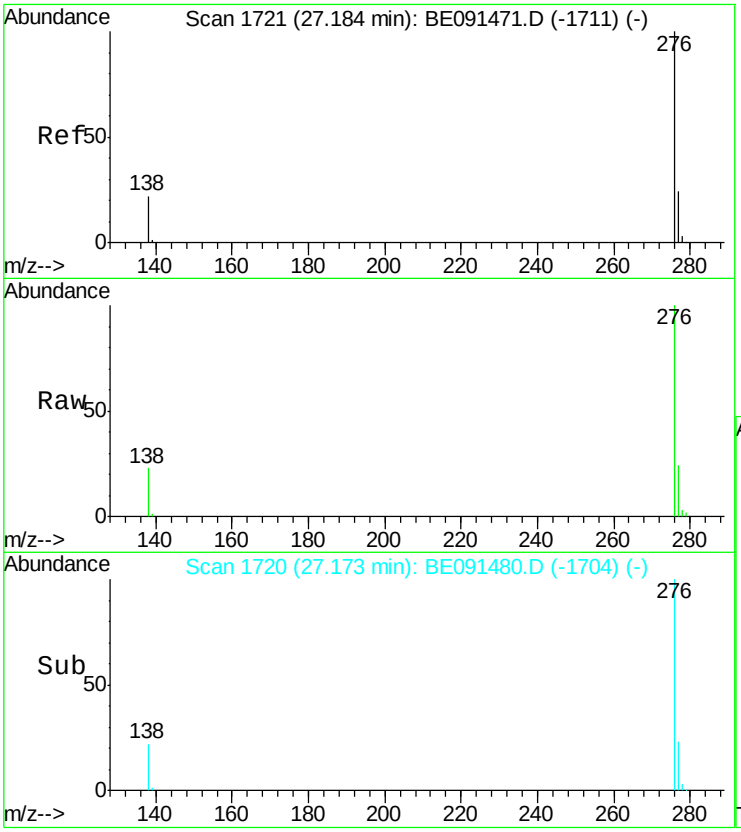


#32
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.41 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:278 Resp: 46612

Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.2	21.4
279	24.4	19.6	29.4

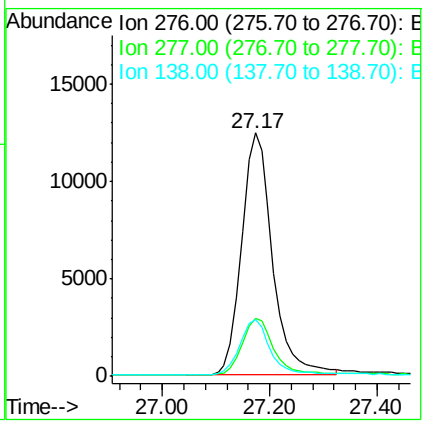




#33
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.17 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BE091480.D
Acq: 18 Mar 2016 12:09

Tgt Ion:276 Resp: 49297

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.4	29.2
138	23.1	18.2	27.4



Instrument :
BNA_E
ClientSampleId :
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