Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092240.D
Acq On : 9 Aug 2016 22:26
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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Quant Time: Aug 10 11:20:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11233	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	53199	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	29901	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	67110	5.00	ng		0.00
24) Chrysene-d12	21.75	240	65575	5.00	ng		0.00
31) Perylene-d12	24.13	264	70069	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	13906	5.66	ng		-0.01
5) Phenol-d6	7.34	99	20783	5.88	ng		-0.02
8) Nitrobenzene-d5	9.32	82	20405	5.43	ng		-0.05
13) 2,4,6-Tribromophenol	16.32	330	5700	6.37	ng		-0.01
14) 2-Fluorobiphenyl	13.46	172	46503	5.03	ng		-0.01
26) Terphenyl-d14	20.19	244	59650	5.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	6566	4.58	ng		93
3) n-Nitrosodimethylamine	3.78	42	10429	5.99	ng		96
6) bis(2-Chloroethyl)ether	7.59	93	16227	5.67	ng	#	33
9) Naphthalene	11.01	128	59482	4.99	ng	#	95
10) Hexachlorobutadiene	11.30	225	8505	4.94	ng		99
11) 2-Methylnaphthalene	12.64	142	38713	5.20	ng		93
15) Acenaphthylene	14.54	152	270286	5.23	ng		99
16) Acenaphthene	14.90	154	40318	4.86	ng		97
17) Fluorene	15.88	166	51109	5.10	ng		99
19) Hexachlorobenzene	16.89	284	13249	4.97	ng	#	100
21) Phenanthrene	17.60	178	89484	5.16	ng		99
22) Anthracene	17.70	178	85445	5.43	ng		98
23) Fluoranthene	19.61	202	383176	5.56	ng		99
25) Pyrene	19.99	202	415689	5.36	ng		100
27) Benzo(a)anthracene	21.70	228	412862	5.24	ng	#	62
28) Chrysene	21.77	228	346238m	4.75	ng		
29) Bis(2-ethylhexyl)phthalate	21.64	149	64864	6.42	ng	#	96
30) Indeno(1,2,3-cd)pyrene	26.63	276	431776	5.51	ng		99
32) Benzo(b)fluoranthene	23.39	252	96720	5.26	ng		95
33) Benzo(k)fluoranthene	23.44	252	98586	5.18	ng		94
34) Benzo(a)pyrene	24.02	252	93807	5.41	ng	#	93
35) Dibenzo(a,h)anthracene	26.65	278	88900	5.51	ng		93
36) Benzo(g,h,i)perylene	27.40	276	363387	5.23	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092240.D
Acq On : 9 Aug 2016 22:26
Operator : UM/SJ
Sample : SSTDICC005
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 10 11:20:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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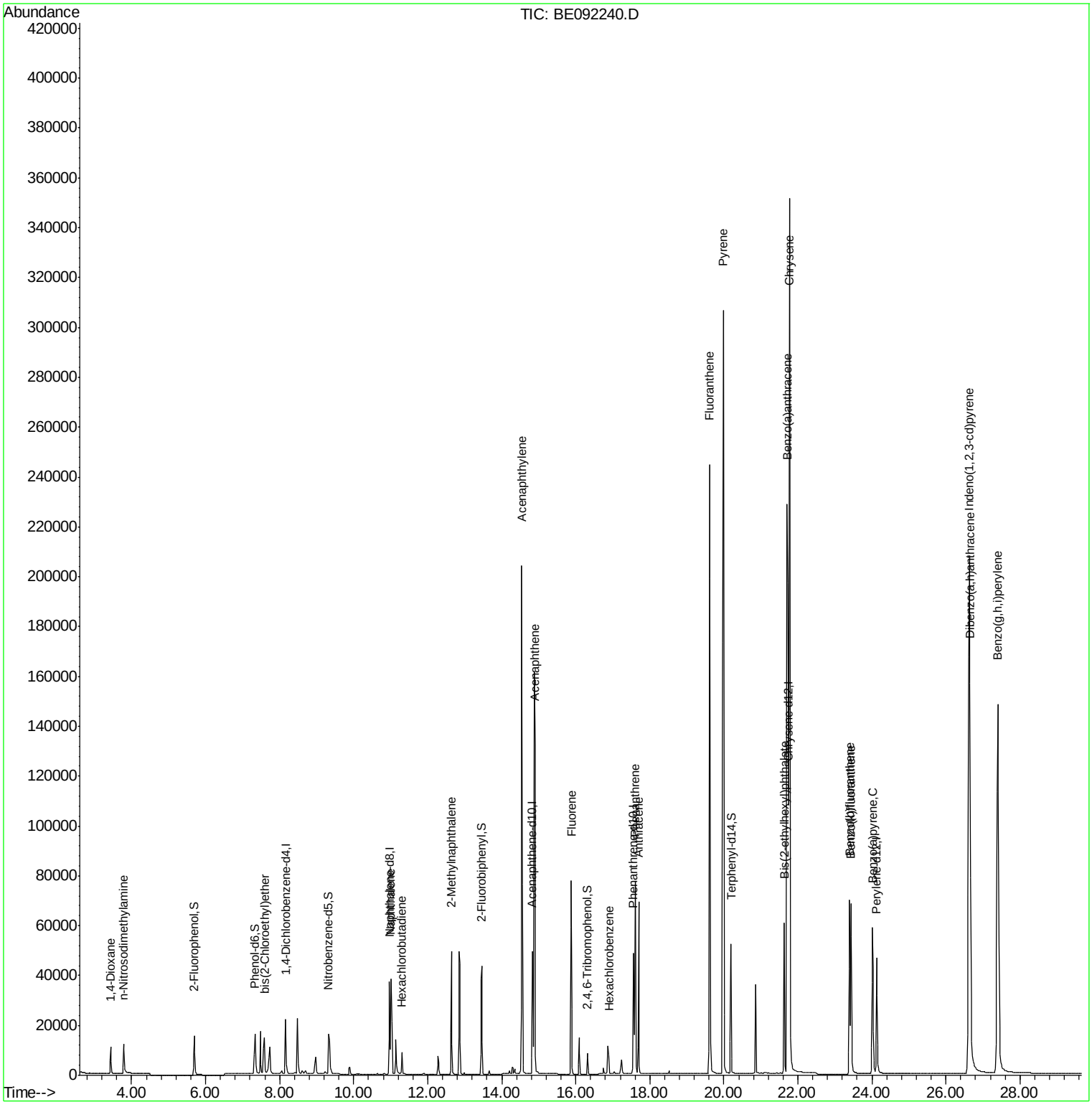
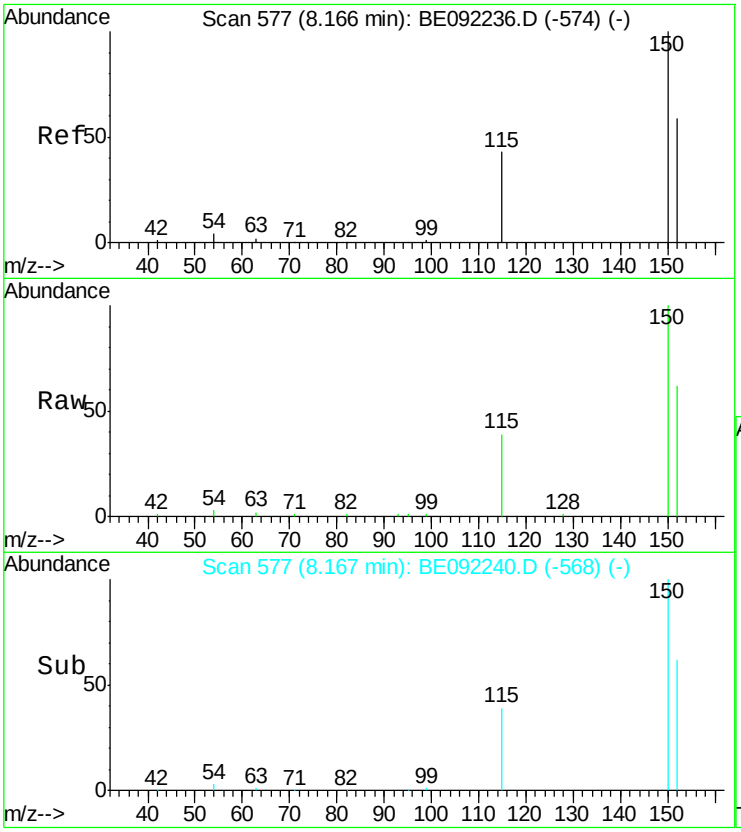
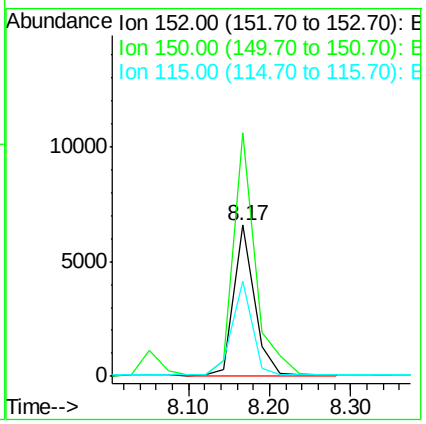




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:152 Resp: 11233

Ion	Ratio	Lower	Upper
152	100		
150	160.9	135.6	203.4
115	63.1	59.4	89.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC005

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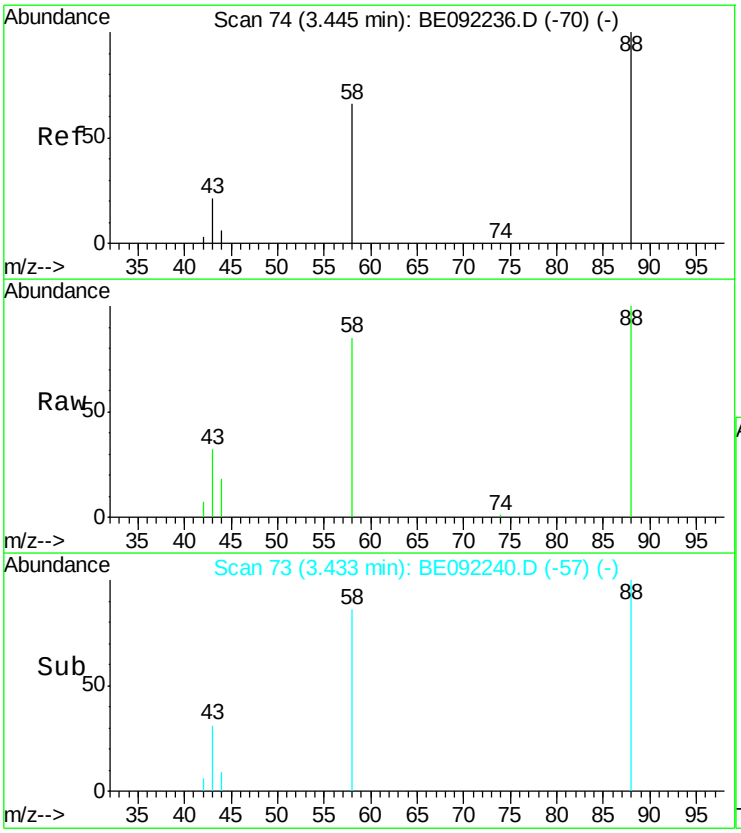
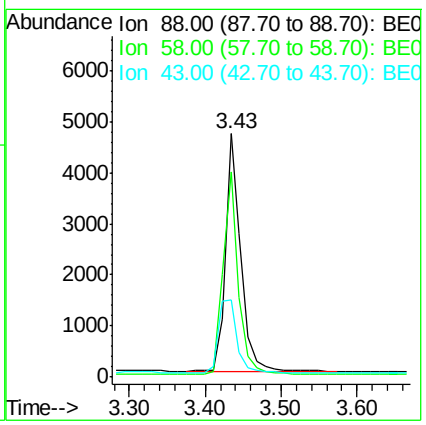
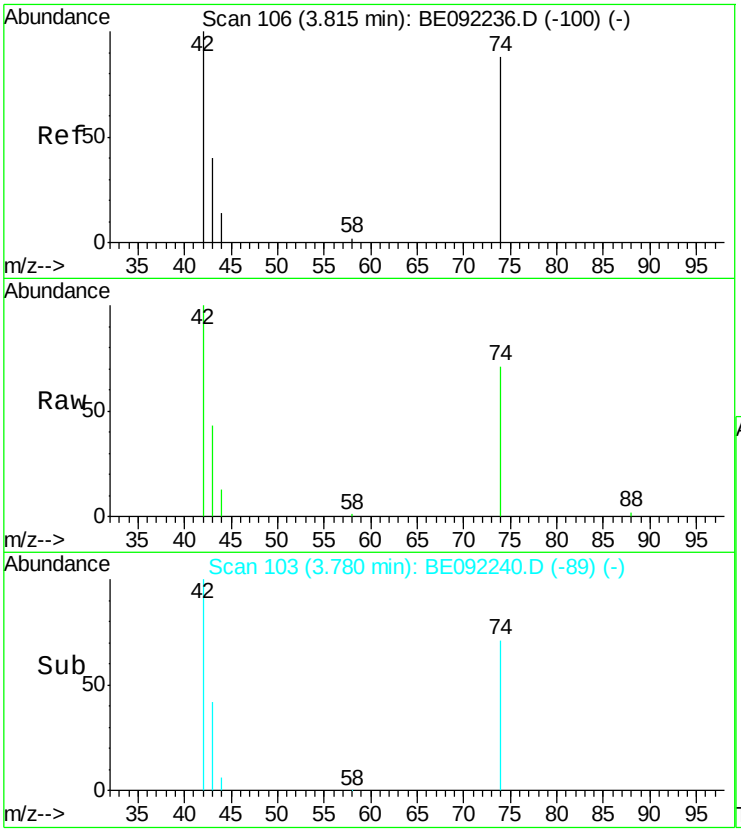


#2
1,4-Dioxane
Concen: 4.58 ng
RT: 3.43 min Scan# 73
Delta R.T. -0.01 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion: 88 Resp: 6566

Ion	Ratio	Lower	Upper
88	100		
58	86.6	64.4	96.6
43	37.8	33.4	50.2

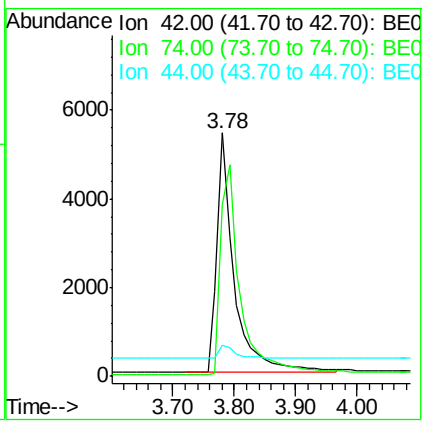




#3
n-Nitrosodimethylamine
Concen: 5.99 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.03 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion: 42 Resp: 10429

Ion	Ratio	Lower	Upper
42	100		
74	100.4	77.2	115.8
44	5.7	5.0	7.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC005

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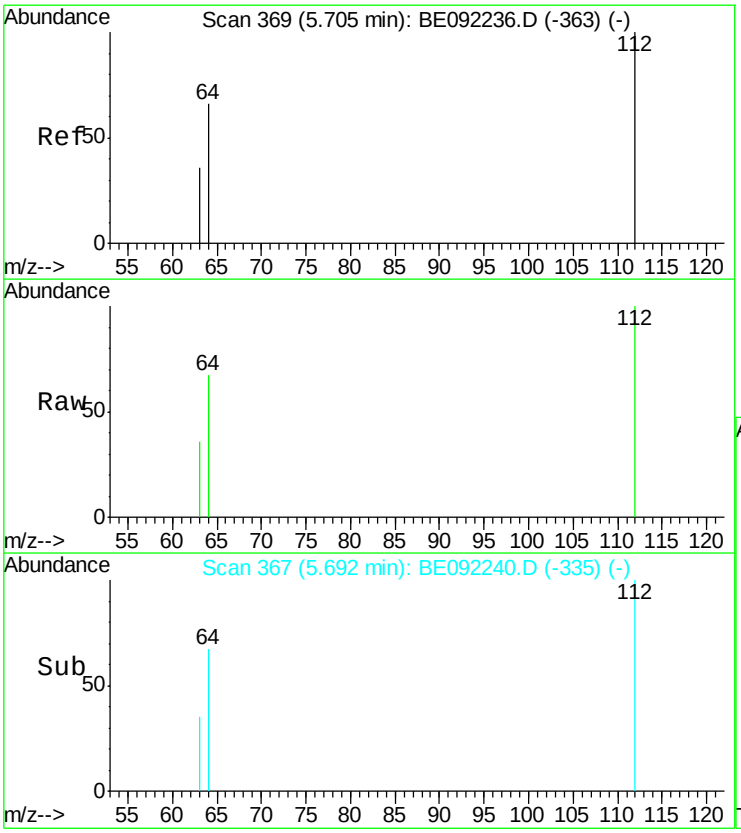
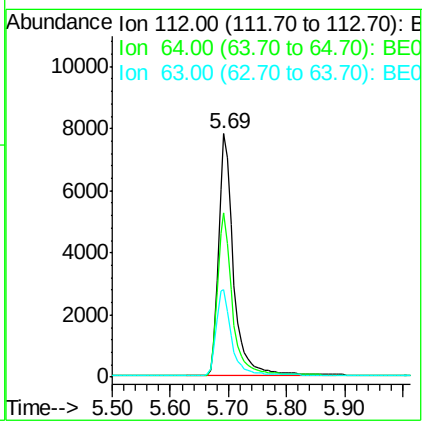
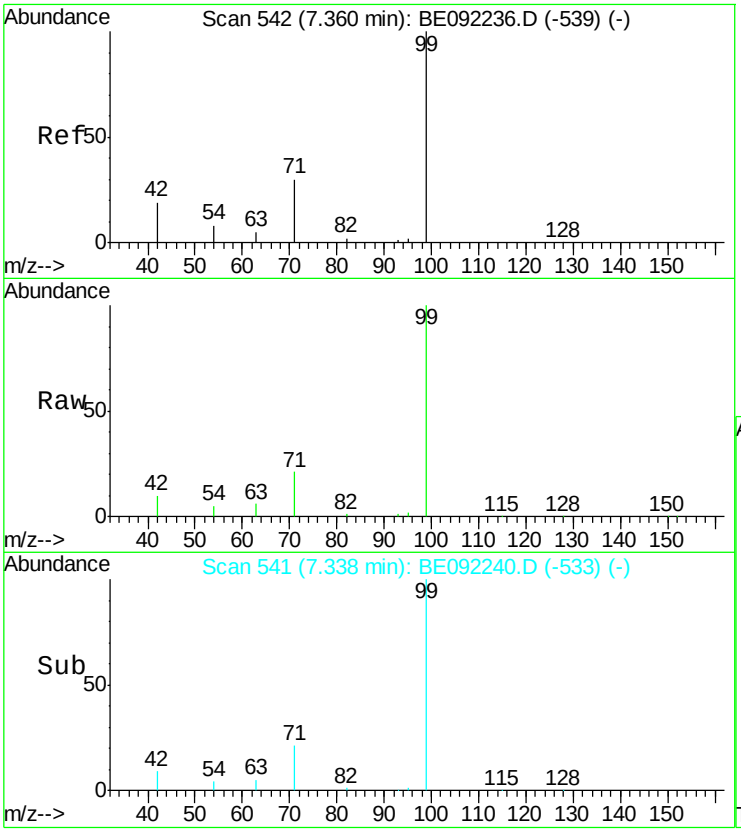


#4
2-Fluorophenol
Concen: 5.66 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:112 Resp: 13906

Ion	Ratio	Lower	Upper
112	100		
64	66.9	53.2	79.8
63	36.5	27.4	41.2

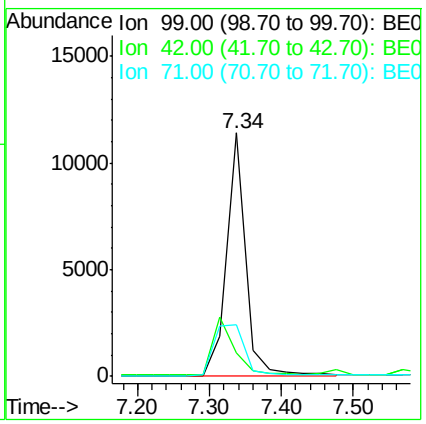




#5
Phenol-d6
Concen: 5.88 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion: 99 Resp: 20783

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	34.2	29.8	44.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC005

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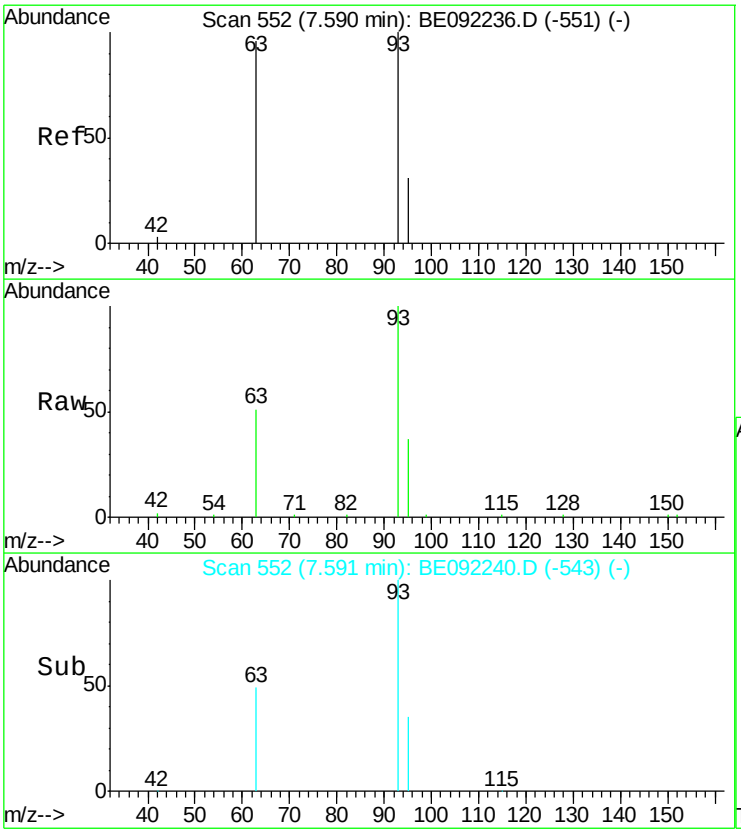
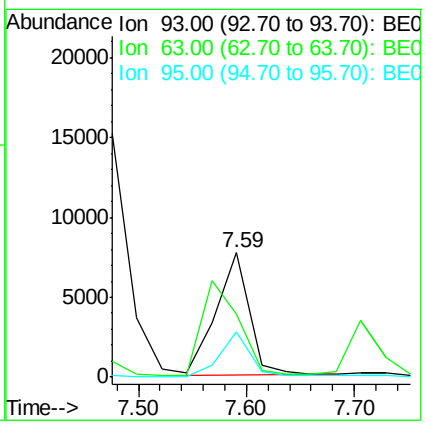
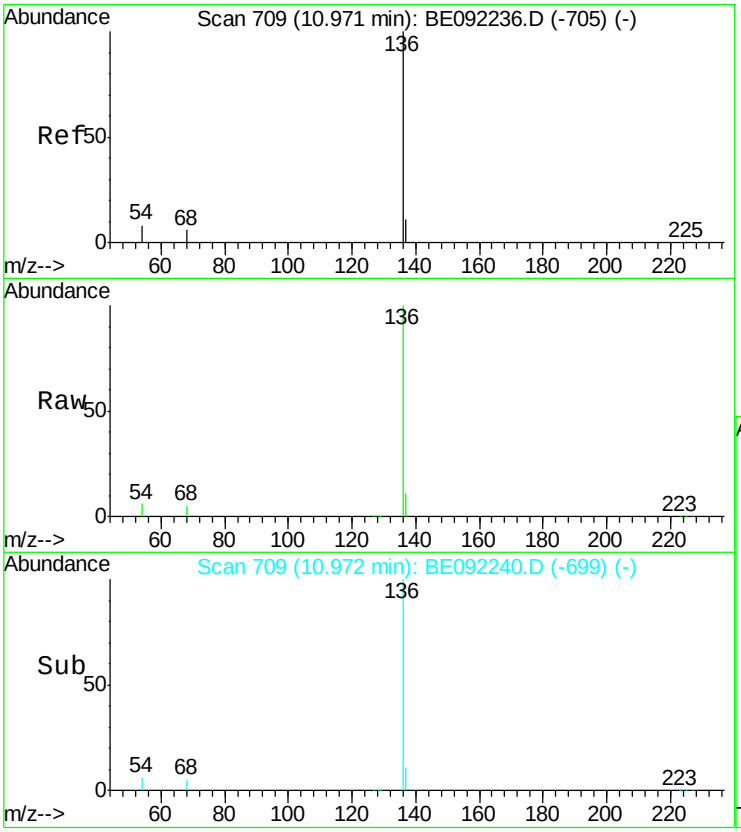


#6
bis(2-Chloroethyl)ether
Concen: 5.67 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion: 93 Resp: 16227

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	33.9	27.2	40.8

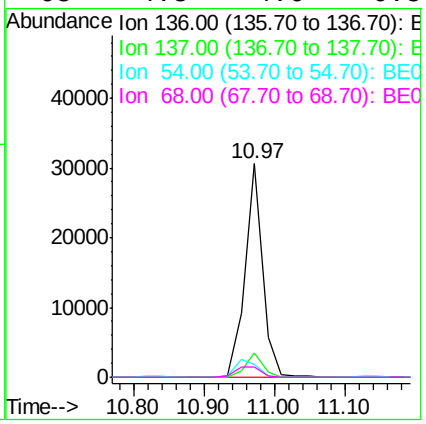




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:136 Resp: 53199

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	6.2	9.4
68	4.8	4.6	6.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC005

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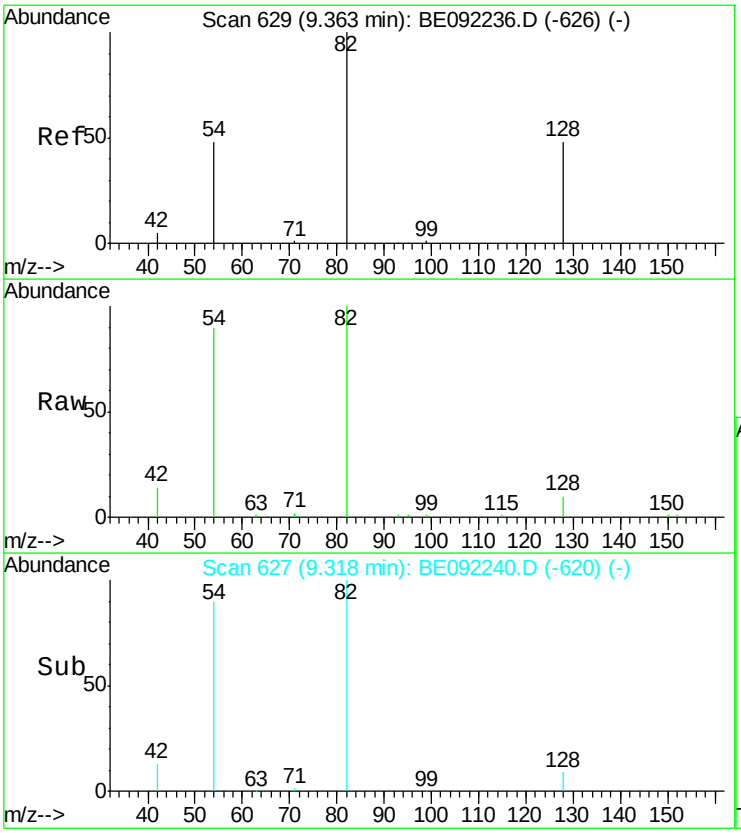
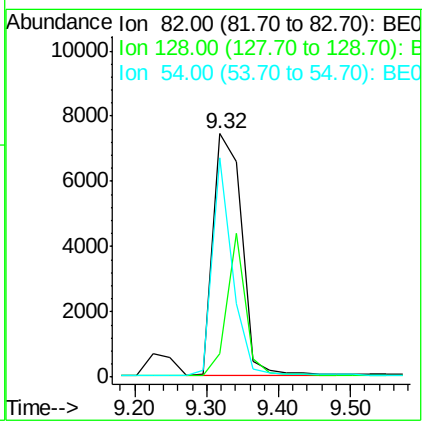
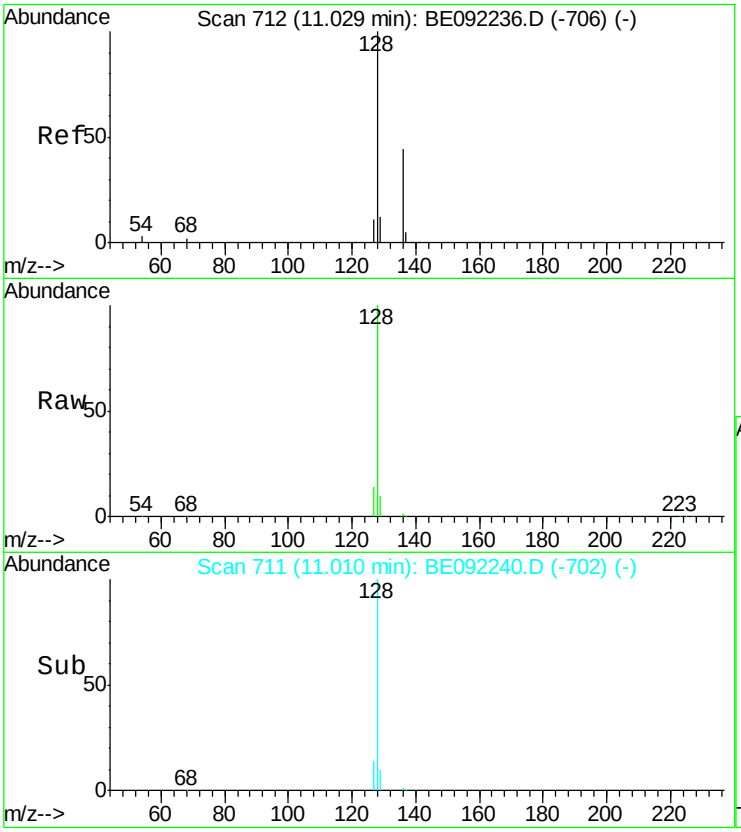


#8
Nitrobenzene-d5
Concen: 5.43 ng
RT: 9.32 min Scan# 627
Delta R.T. -0.05 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion: 82 Resp: 20405

Ion	Ratio	Lower	Upper
82	100		
128	9.8	45.0	67.4#
54	90.1	45.4	68.2#

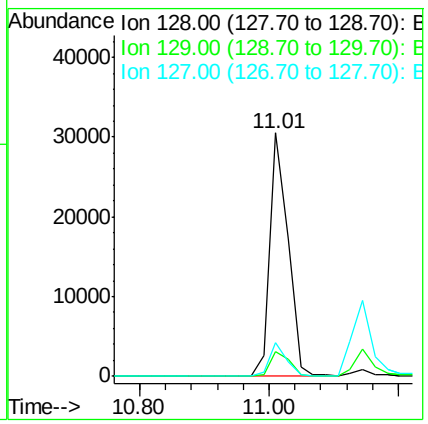




#9
Naphthalene
Concen: 4.99 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:128 Resp: 59482

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.5	17.3#
127	14.1	11.0	16.6



Instrument :
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ClientSampleId :
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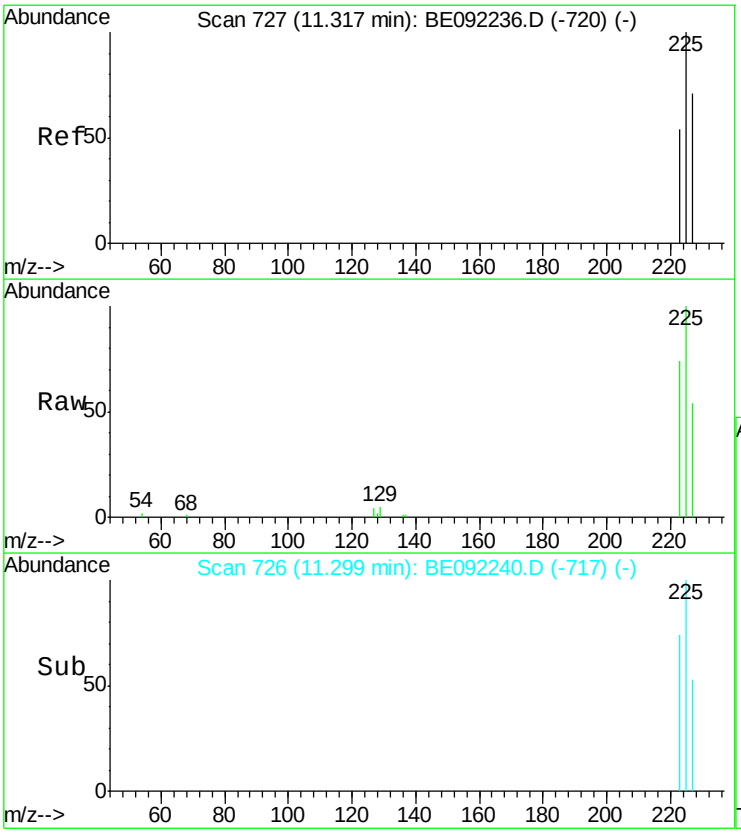
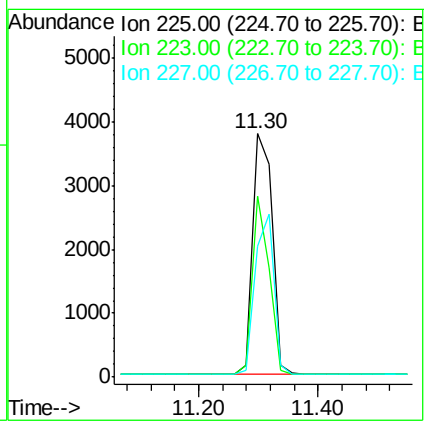
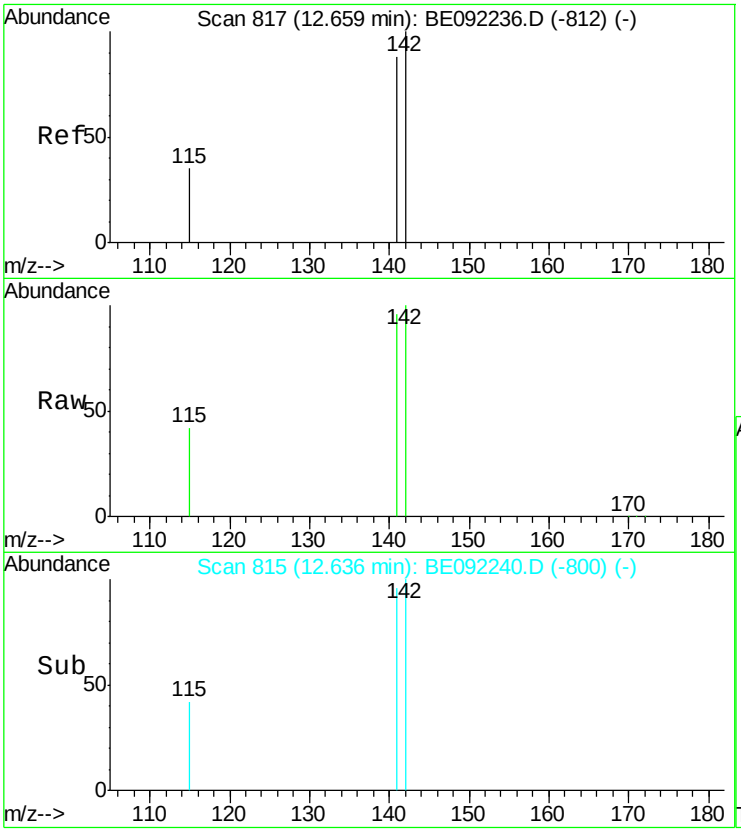


#10
Hexachlorobutadiene
Concen: 4.94 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:225 Resp: 8505

Ion	Ratio	Lower	Upper
225	100		
223	63.5	52.2	78.4
227	64.2	51.0	76.6

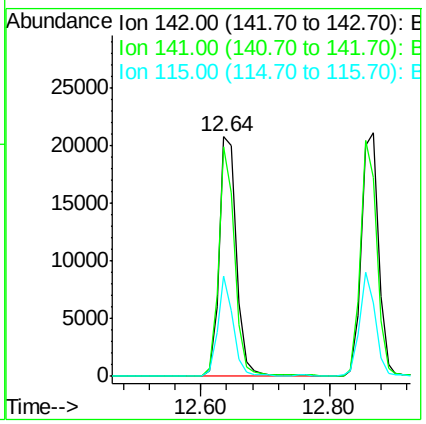




#11
2-Methylnaphthalene
Concen: 5.20 ng
RT: 12.64 min Scan# 815
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:142 Resp: 38713

Ion	Ratio	Lower	Upper
142	100		
141	95.9	70.6	105.8
115	42.0	31.0	46.4



Instrument :
BNA_E
ClientSampleId :
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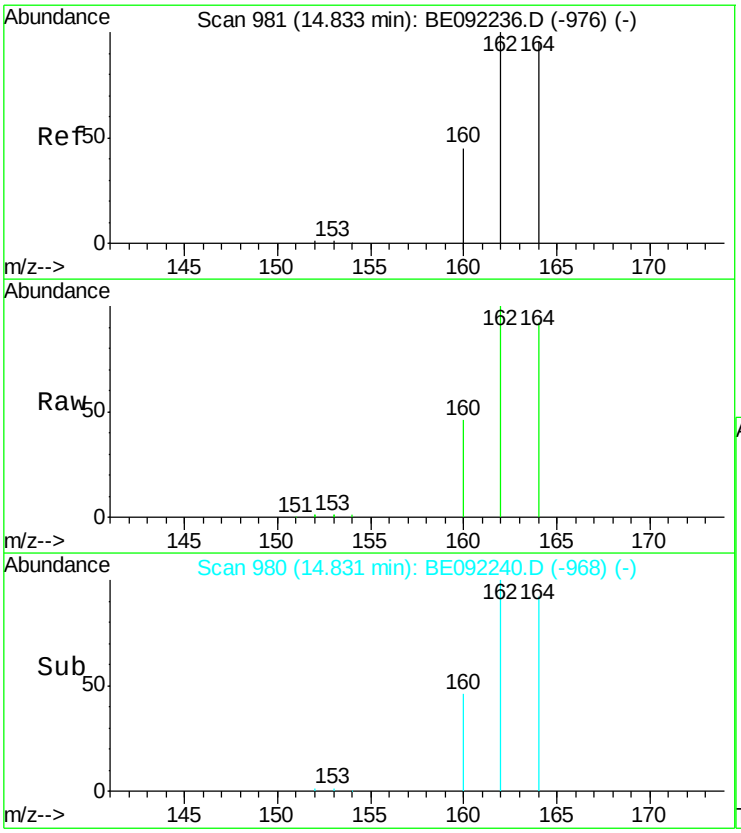
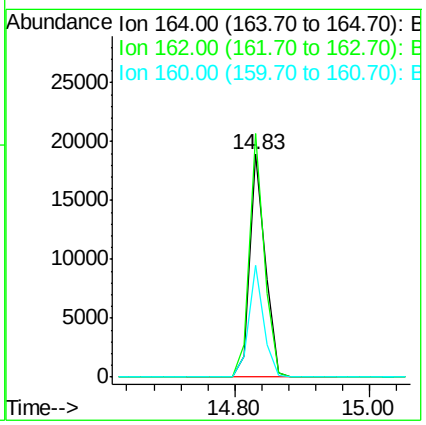
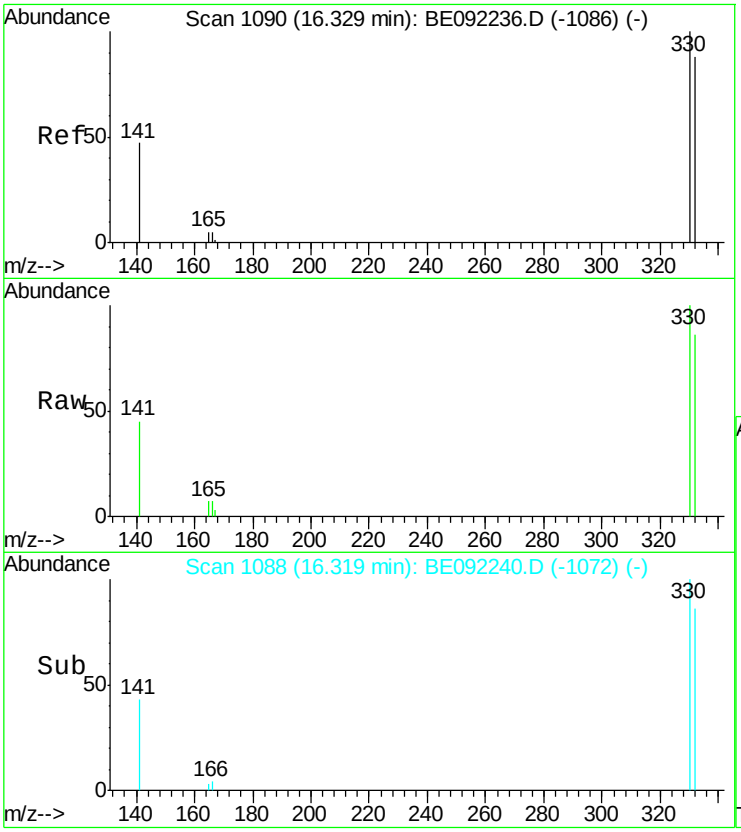


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:164 Resp: 29901

Ion	Ratio	Lower	Upper
164	100		
162	109.3	83.3	124.9
160	50.0	38.0	57.0





#13
2,4,6-Tribromophenol
Concen: 6.37 ng
RT: 16.32 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:330 Resp: 5700

Ion	Ratio	Lower	Upper
330	100		
332	96.1	75.4	113.0
141	44.1	37.7	56.5

Instrument :
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ClientSampleId :
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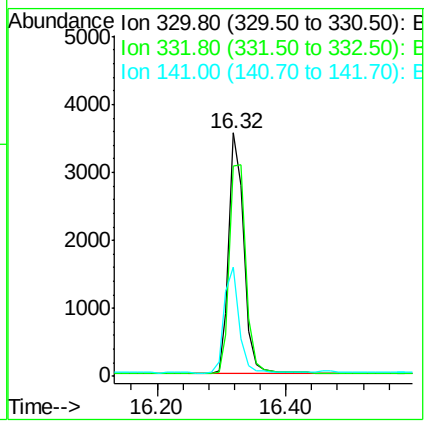
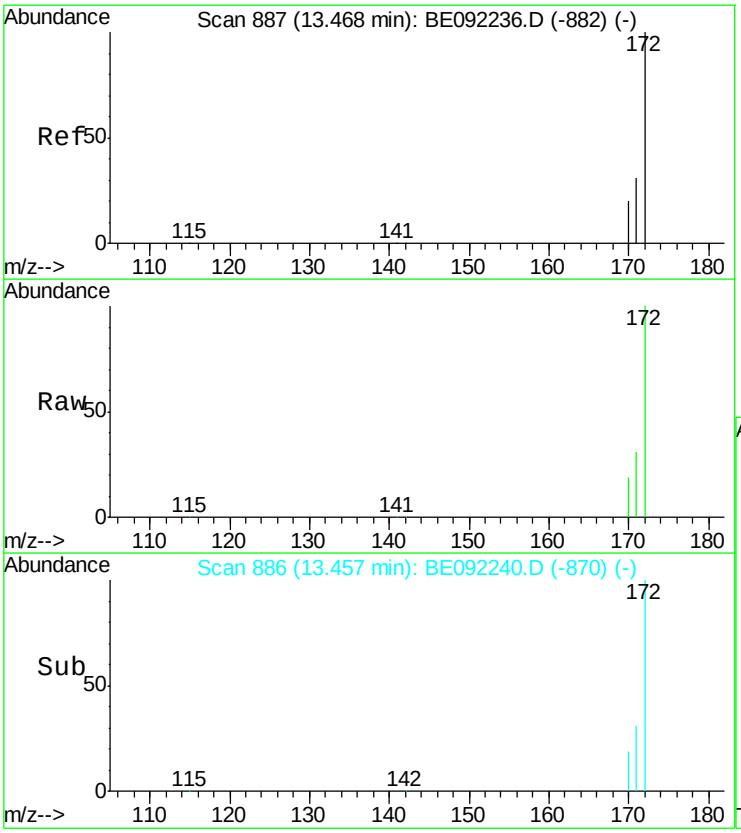
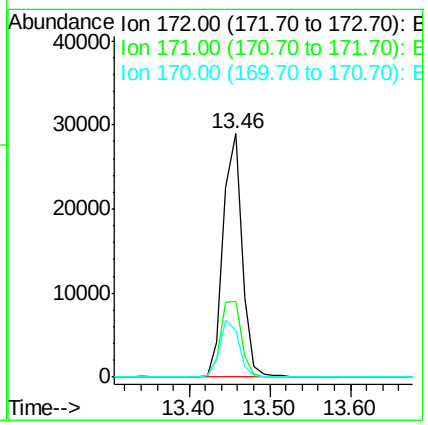


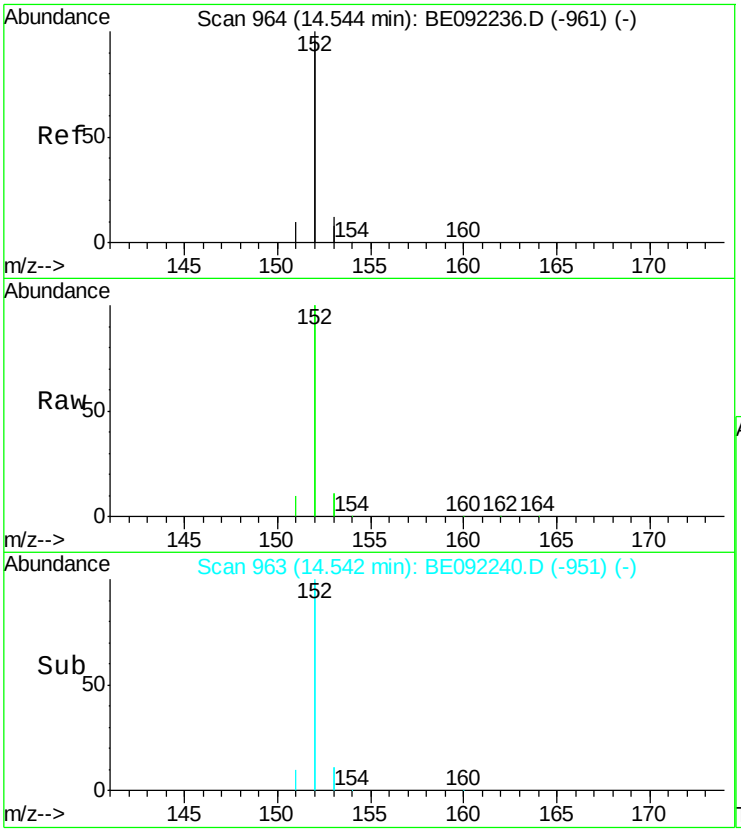


#14
2-Fluorobiphenyl
Concen: 5.03 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:172 Resp: 46503

Ion	Ratio	Lower	Upper
172	100		
171	31.2	26.8	40.2
170	19.0	17.8	26.6

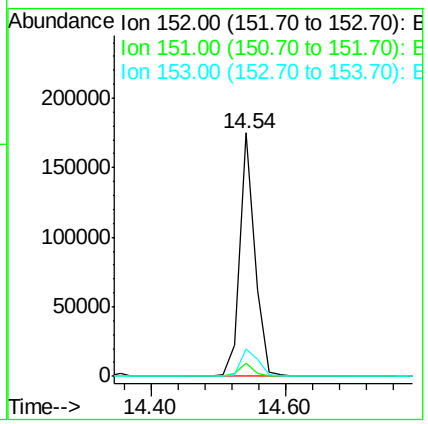




#15
Acenaphthylene
Concen: 5.23 ng
RT: 14.54 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:152 Resp: 270286

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.0	10.2	15.2



Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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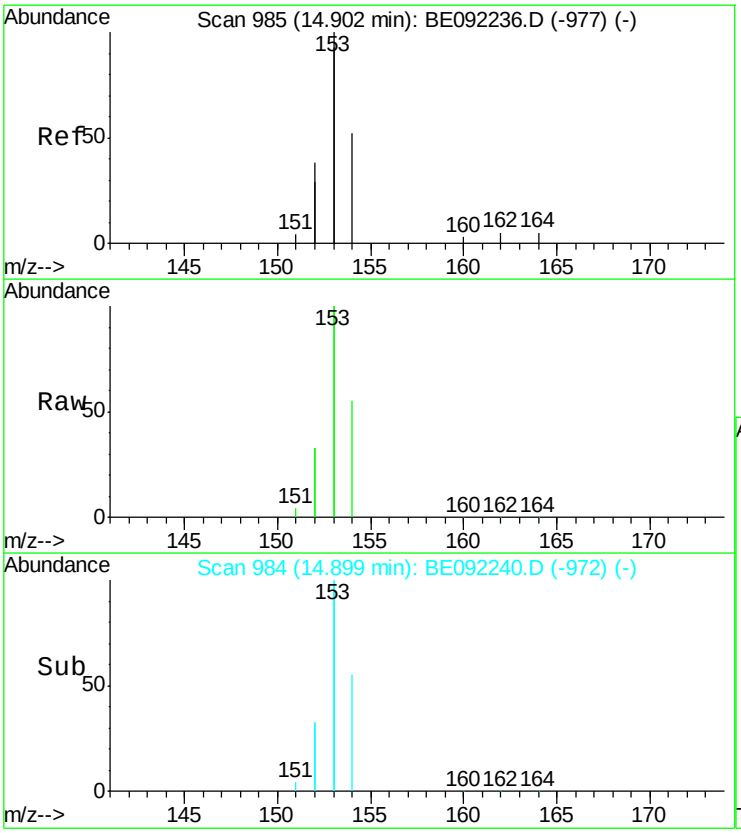
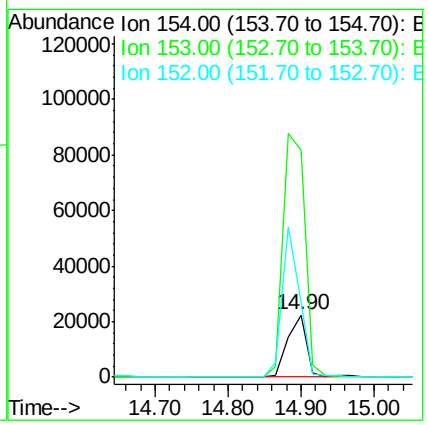
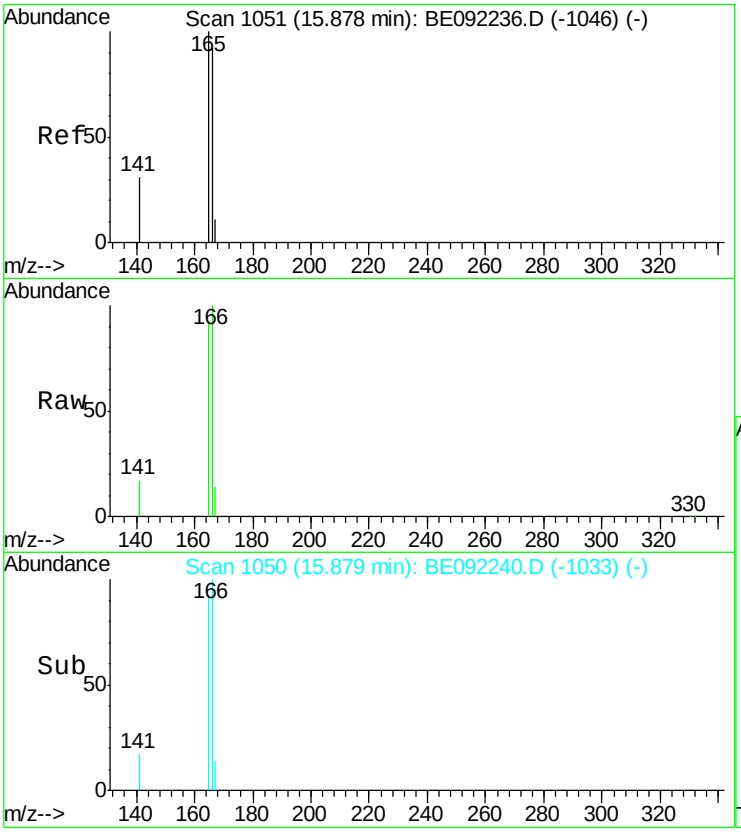


#16
Acenaphthene
Concen: 4.86 ng
RT: 14.90 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:154 Resp: 40318

Ion	Ratio	Lower	Upper
154	100		
153	450.4	355.0	532.4
152	220.2	179.7	269.5

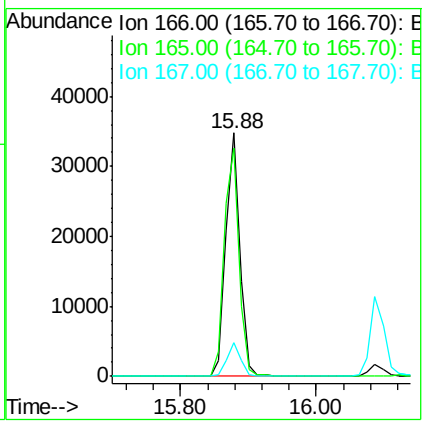




#17
Fluorene
Concen: 5.10 ng
RT: 15.88 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:166 Resp: 51109

Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.1	120.1
167	13.4	10.6	16.0



Instrument :
BNA_E
ClientSampleId :
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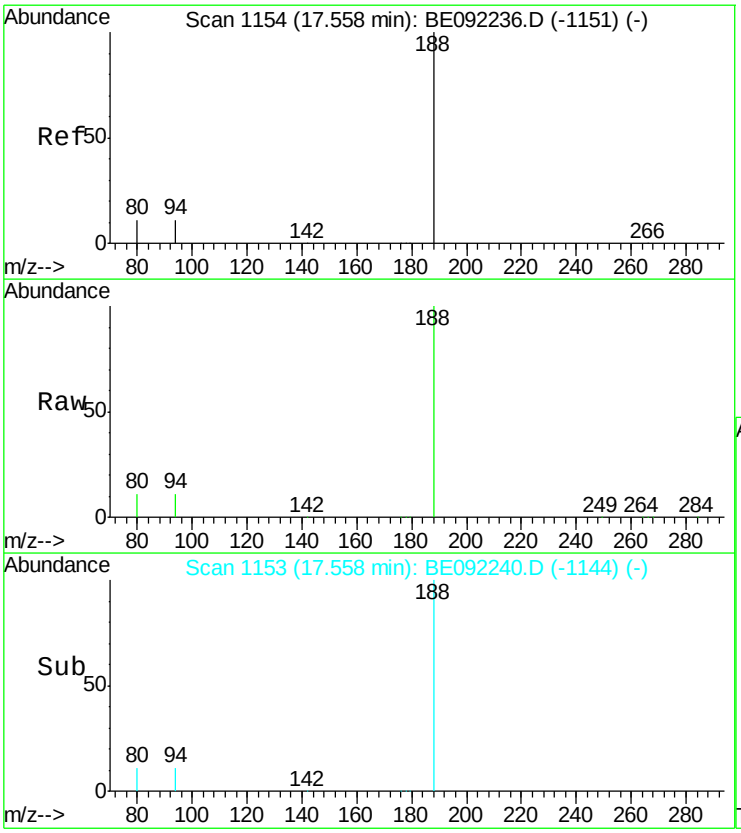
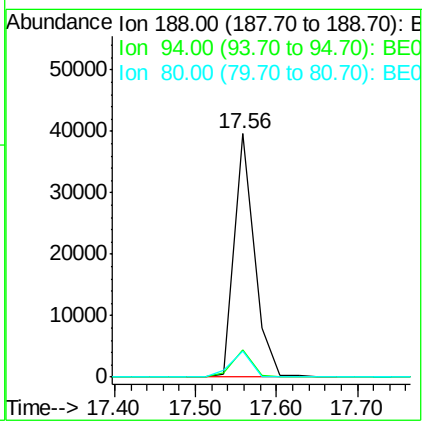
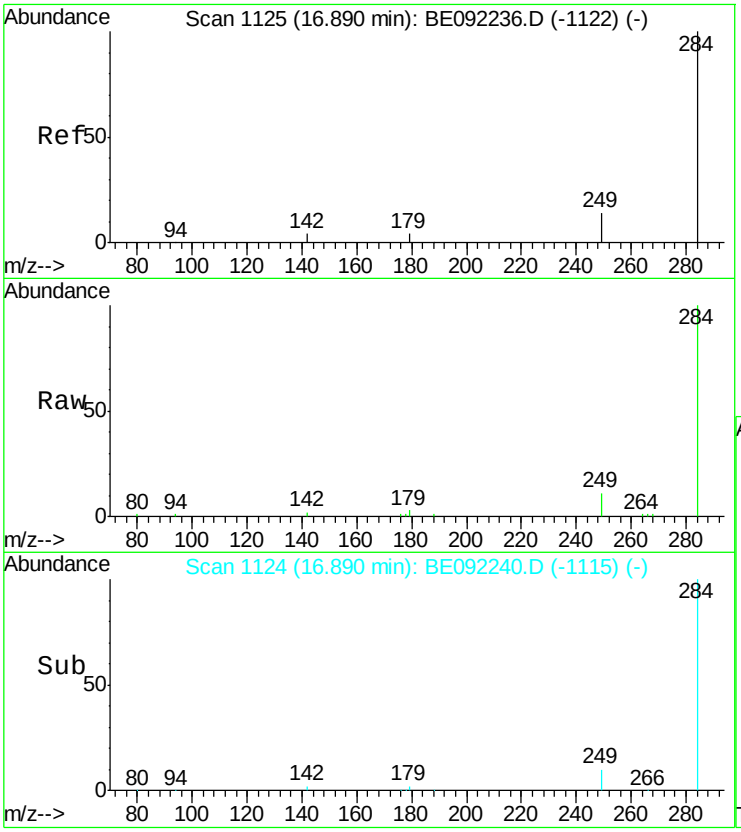


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:188 Resp: 67110

Ion	Ratio	Lower	Upper
188	100		
94	11.4	9.2	13.8
80	10.9	9.1	13.7

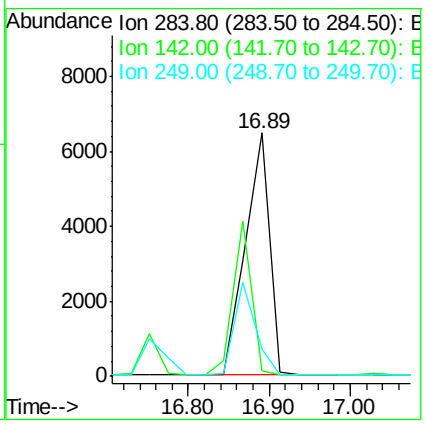




#19
Hexachlorobenzene
Concen: 4.97 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:284 Resp: 13249

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0



Instrument :
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ClientSampleId :
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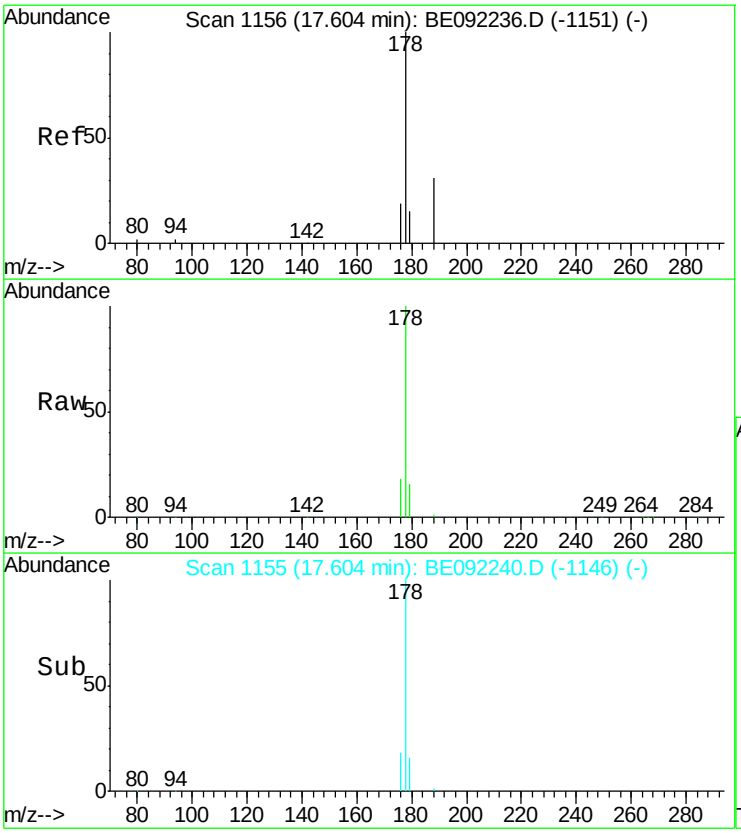
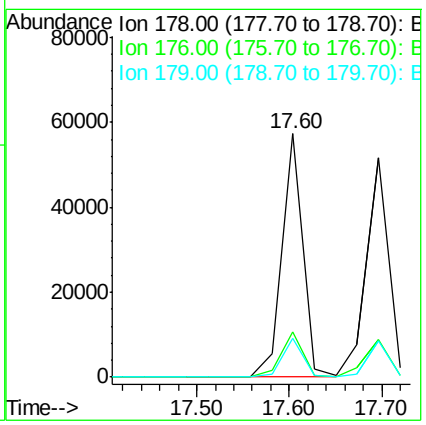
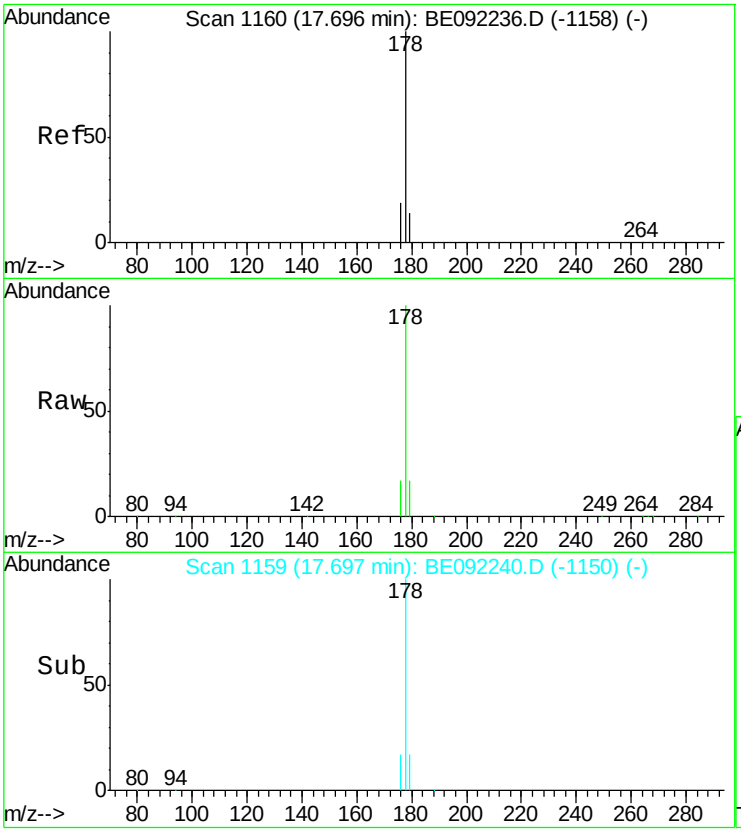


#21
Phenanthrene
Concen: 5.16 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:178 Resp: 89484

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	15.7	12.9	19.3





#22
Anthracene
Concen: 5.43 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:178 Resp: 85445

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	16.0	12.0	18.0

Instrument :
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ClientSampleId :
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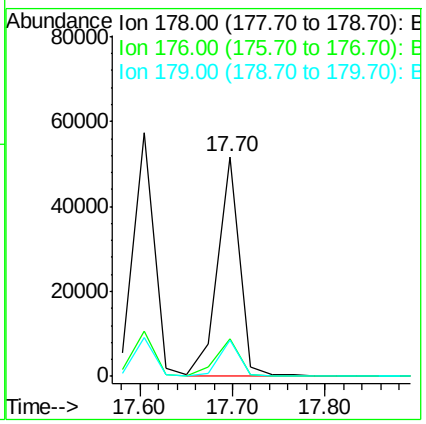
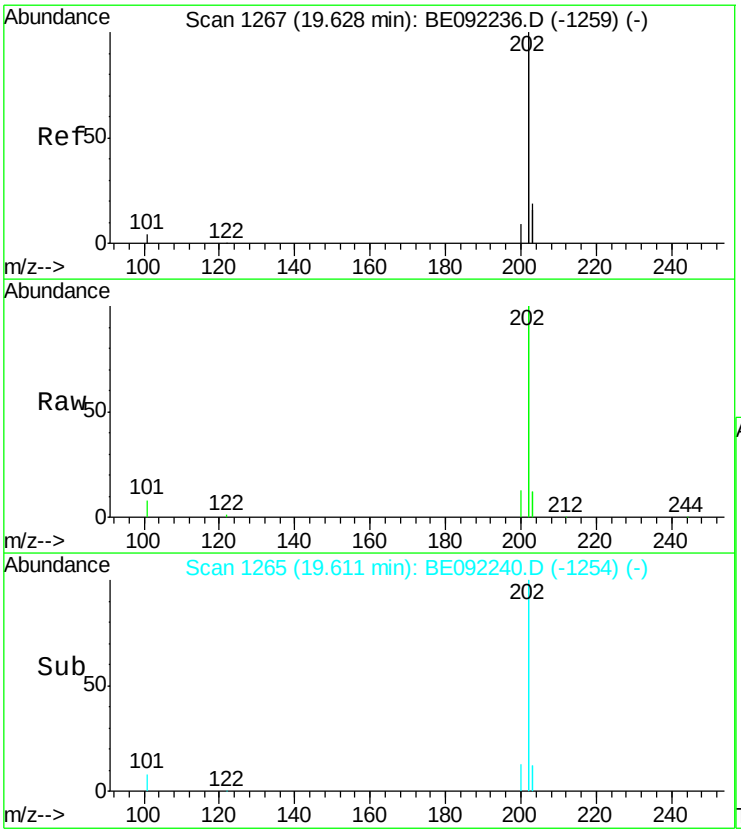
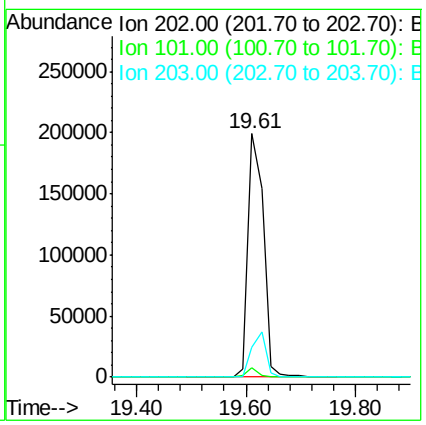


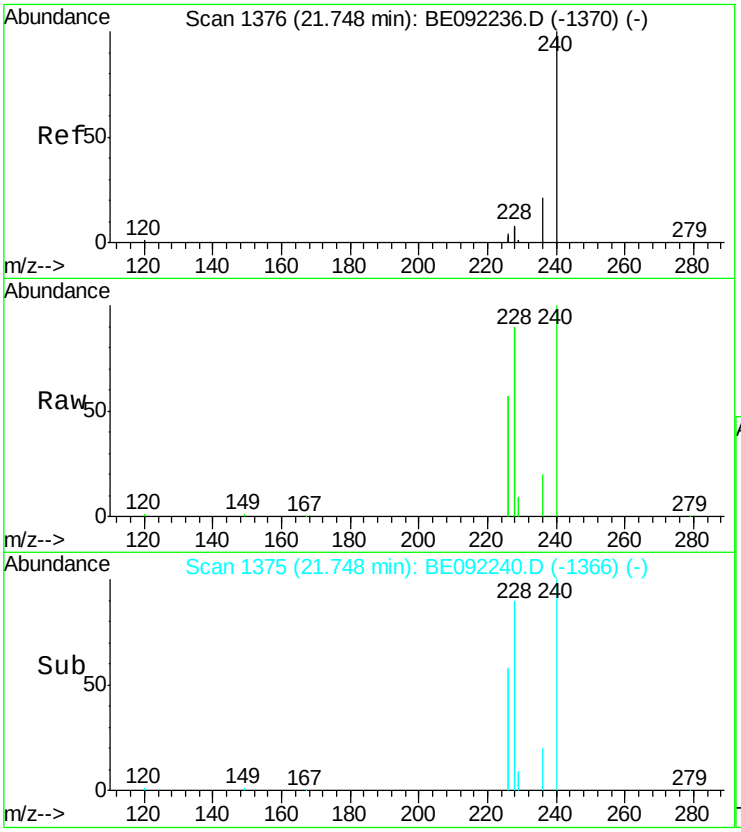


#23
Fluoranthene
Concen: 5.56 ng
RT: 19.61 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:202 Resp: 383176

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.5	13.7	20.5

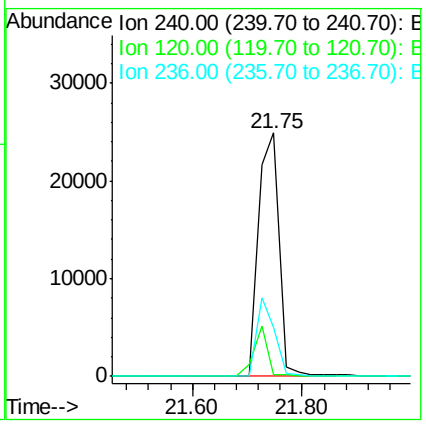




#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:240 Resp: 65575

Ion	Ratio	Lower	Upper
240	100		
120	0.8	1.2	1.8#
236	20.3	17.1	25.7



Instrument :
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ClientSampleId :
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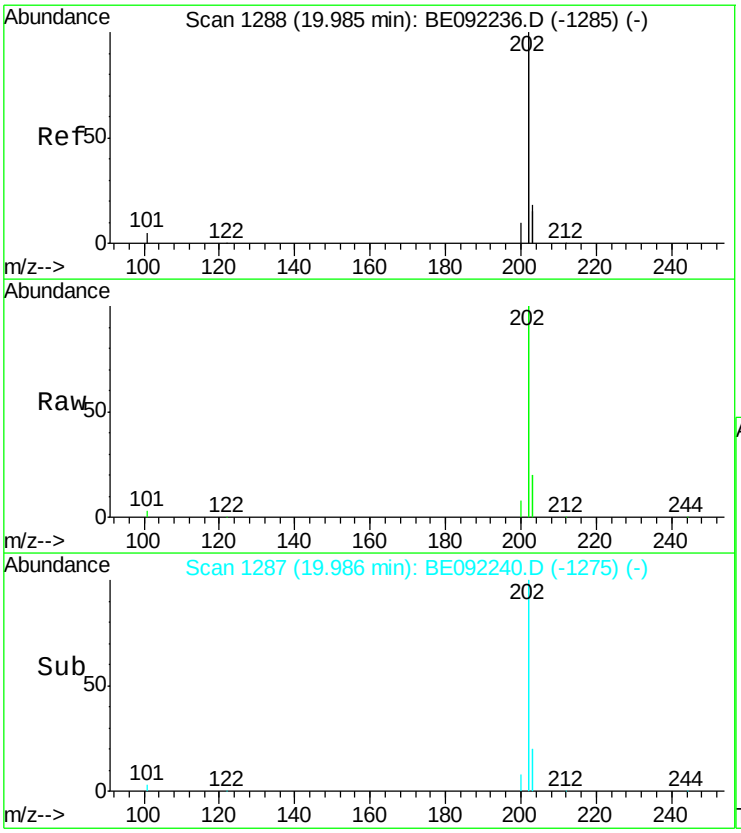
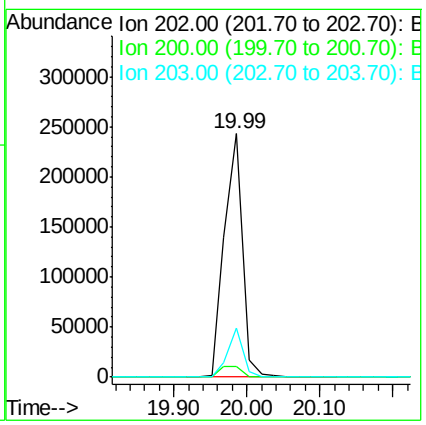
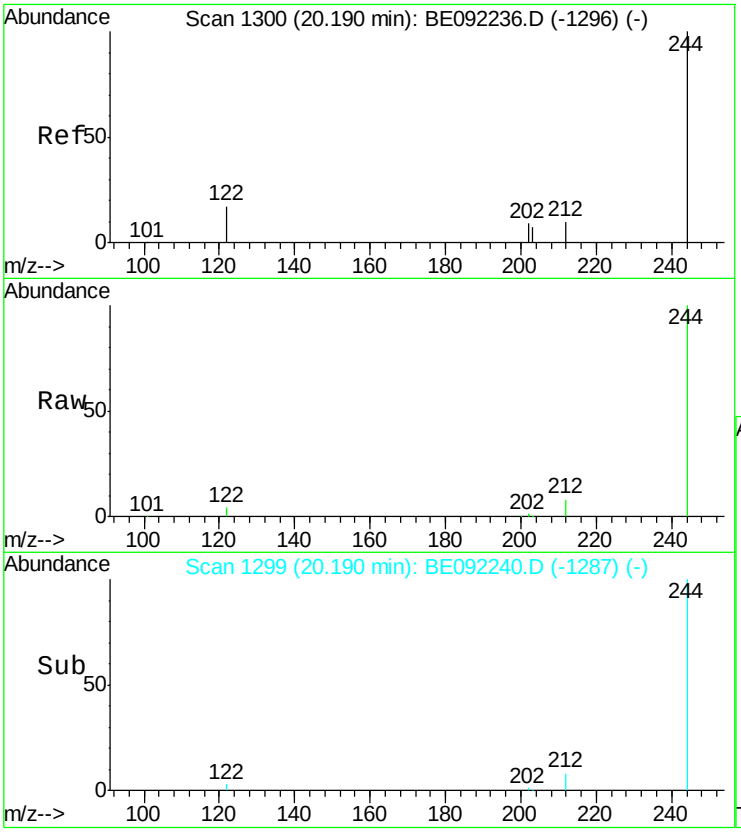


#25
Pyrene
Concen: 5.36 ng
RT: 19.99 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:202 Resp: 415689

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.3	14.0	21.0





#26
Terphenyl-d14
Concen: 5.38 ng
RT: 20.19 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Instrument :
BNA_E
ClientSampleId :
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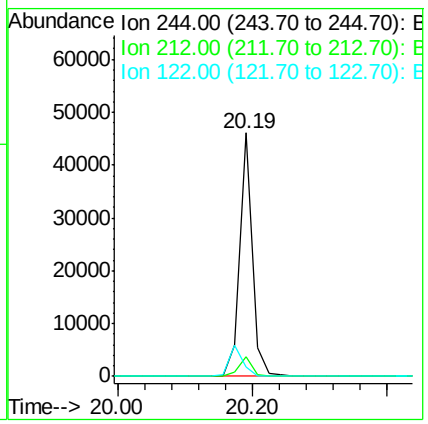
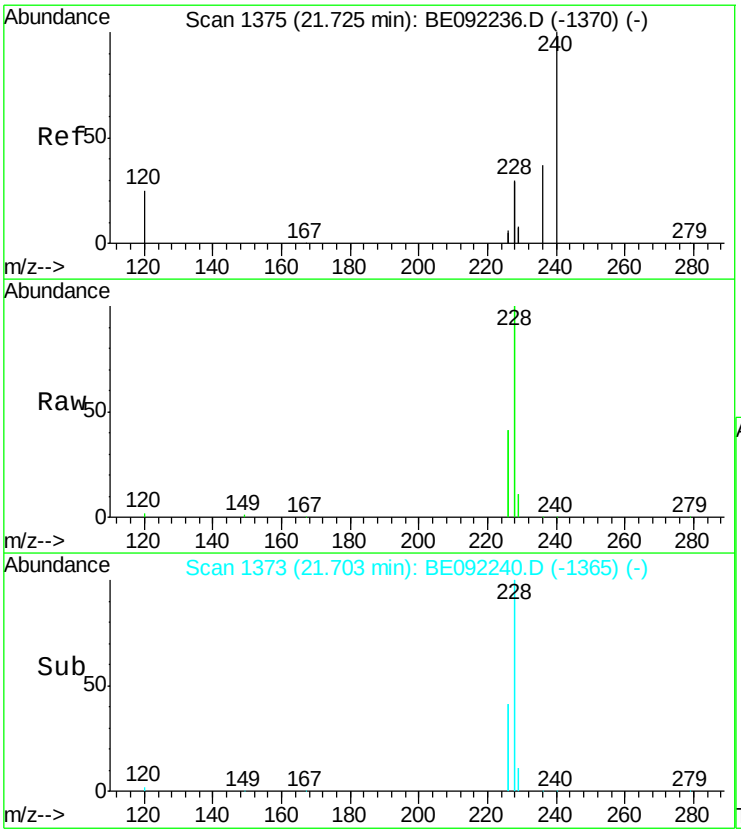
Tgt Ion:244 Resp: 59650

Ion	Ratio	Lower	Upper
244	100		
212	8.1	10.2	15.2#
122	3.6	15.9	23.9#

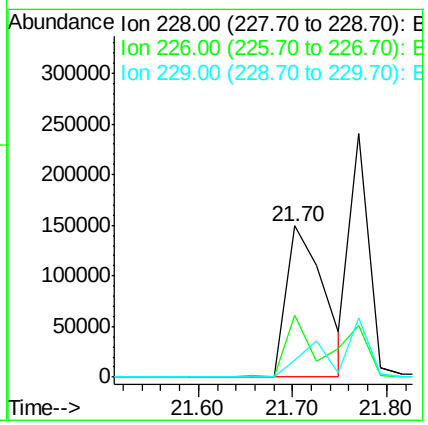


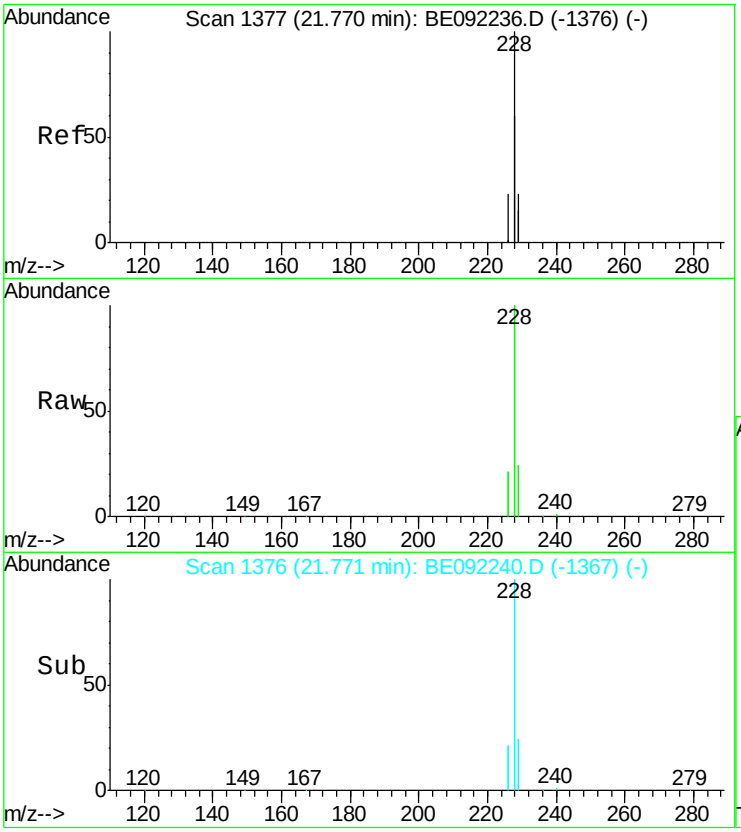


#27
Benzo(a)anthracene
Concen: 5.24 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:228 Resp: 412862

Ion	Ratio	Lower	Upper
228	100		
226	41.3	15.9	23.9#
229	10.9	22.4	33.6#





#28
Chrysene
Concen: 4.75 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:228 Resp: 346238

Ion	Ratio	Lower	Upper
228	100		
226	21.4	18.3	27.5
229	24.2	18.6	27.8

Instrument :
BNA_E
ClientSampleId :
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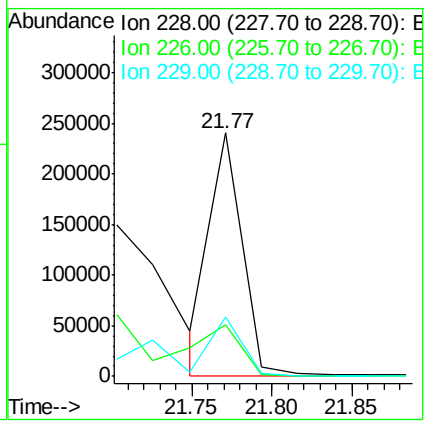
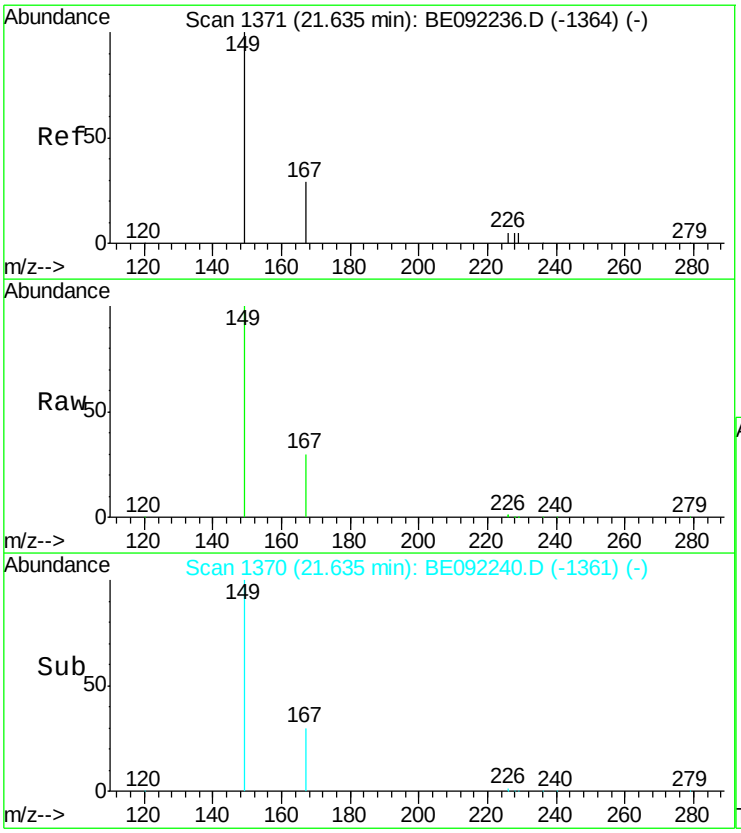
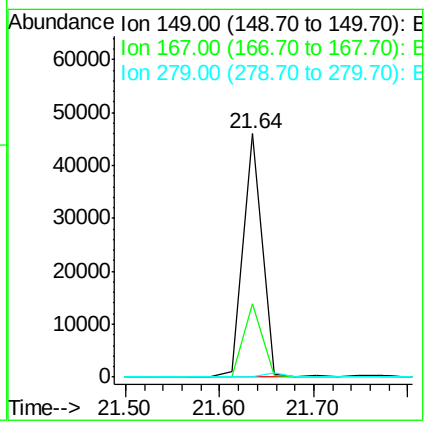


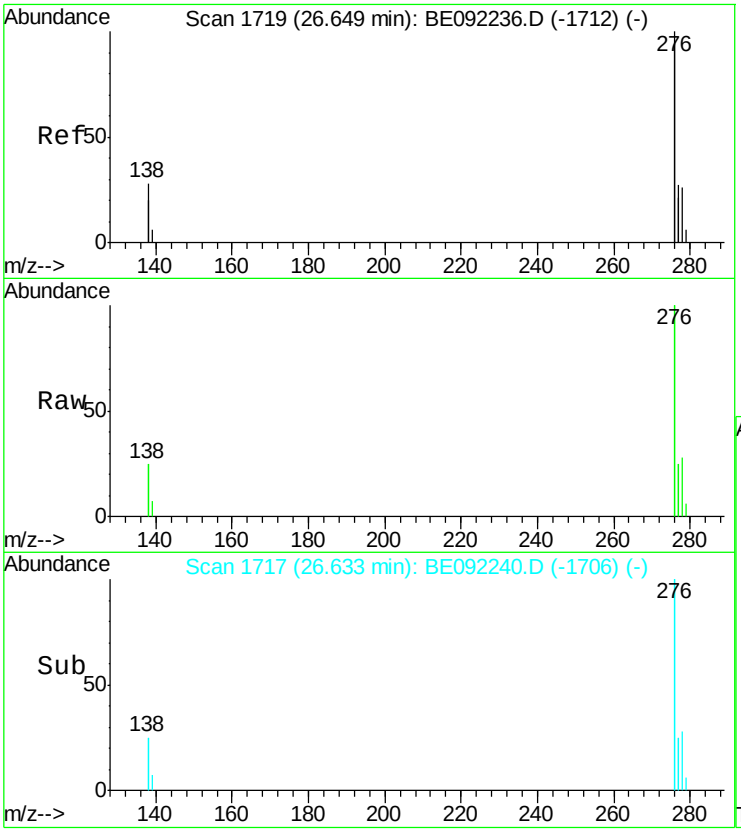


#29
Bis(2-ethylhexyl)phthalate
Concen: 6.42 ng
RT: 21.64 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:149 Resp: 64864

Ion	Ratio	Lower	Upper
149	100		
167	29.7	22.1	33.1
279	0.0	0.0	0.0

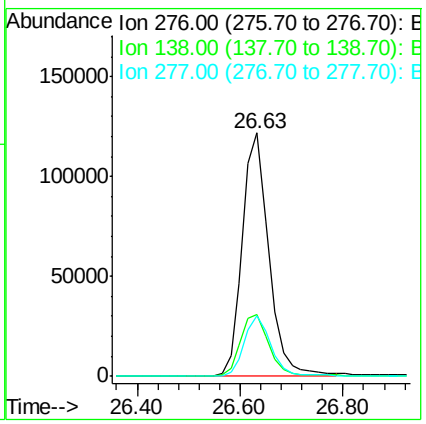




#30
Indeno(1,2,3-cd)pyrene
Concen: 5.51 ng
RT: 26.63 min Scan# 1717
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:276 Resp: 431776

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.3	31.9
277	24.8	19.7	29.5



Instrument :
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ClientSampleId :
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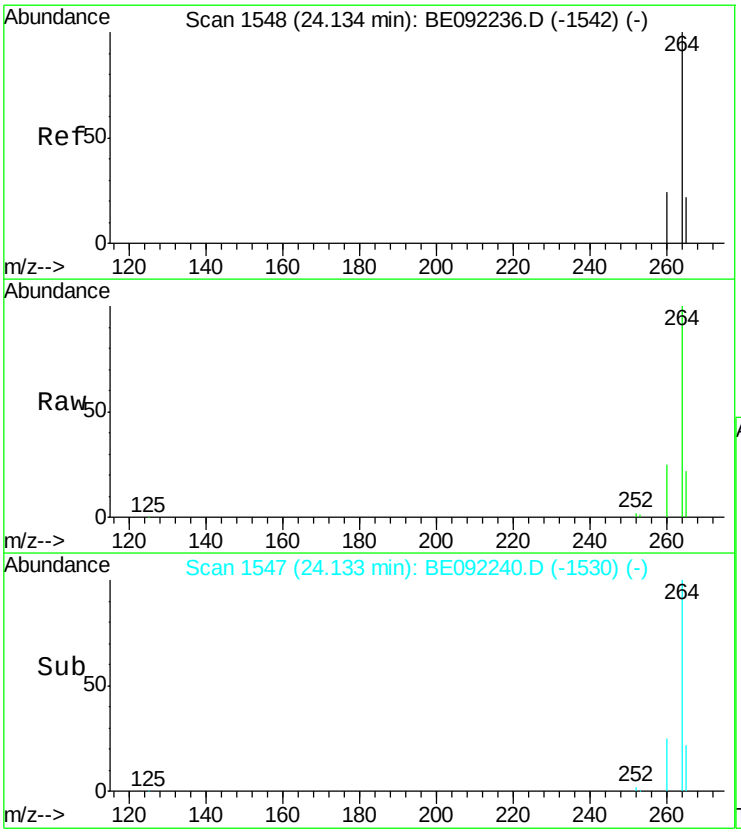
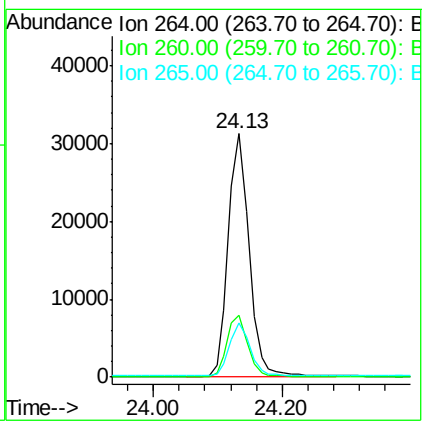
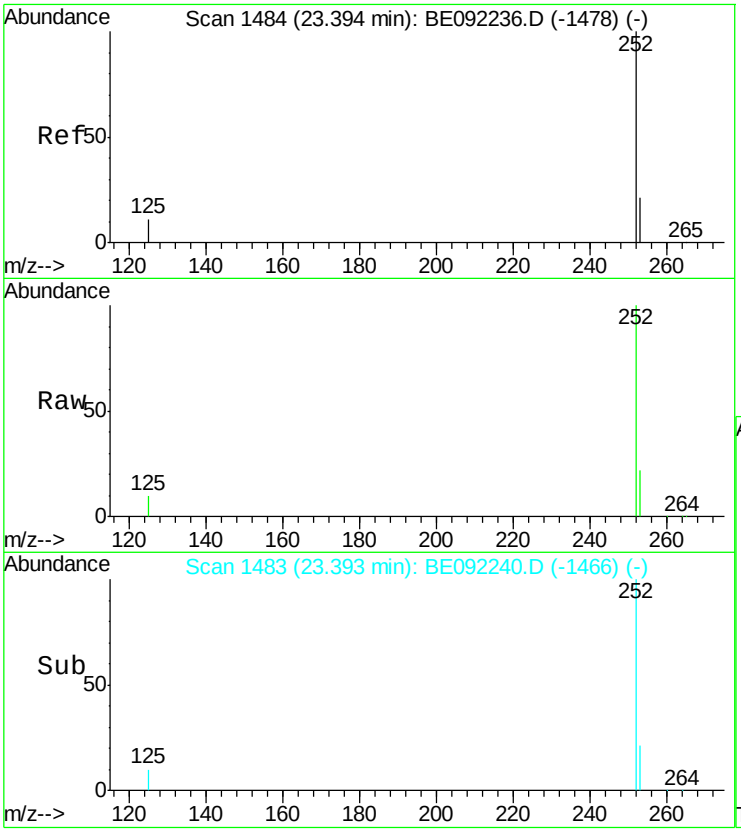


#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:264 Resp: 70069

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	22.4	18.2	27.4

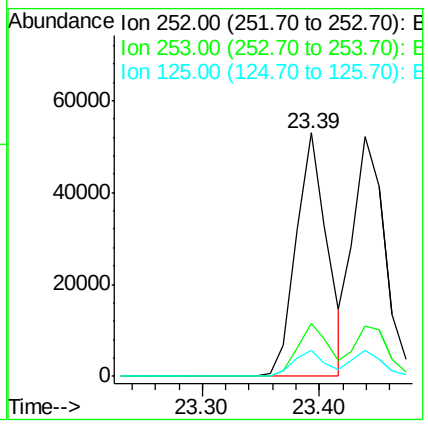




#32
Benzo(b)fluoranthene
Concen: 5.26 ng
RT: 23.39 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:252 Resp: 96720

Ion	Ratio	Lower	Upper
252	100		
253	21.6	19.0	28.4
125	10.5	10.3	15.5



Instrument :
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ClientSampleId :
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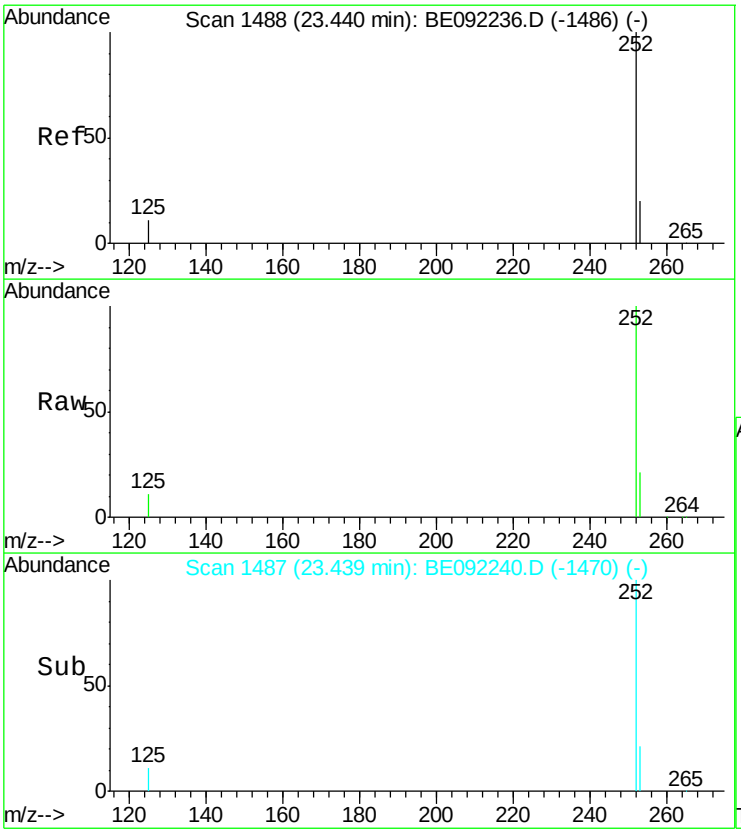
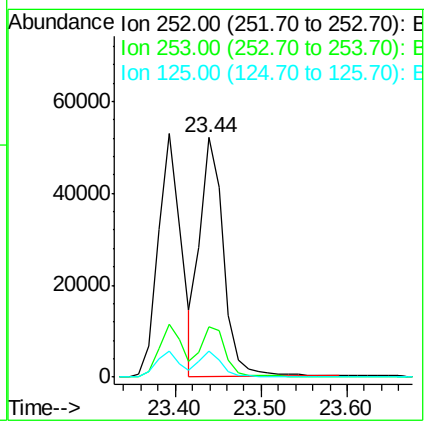
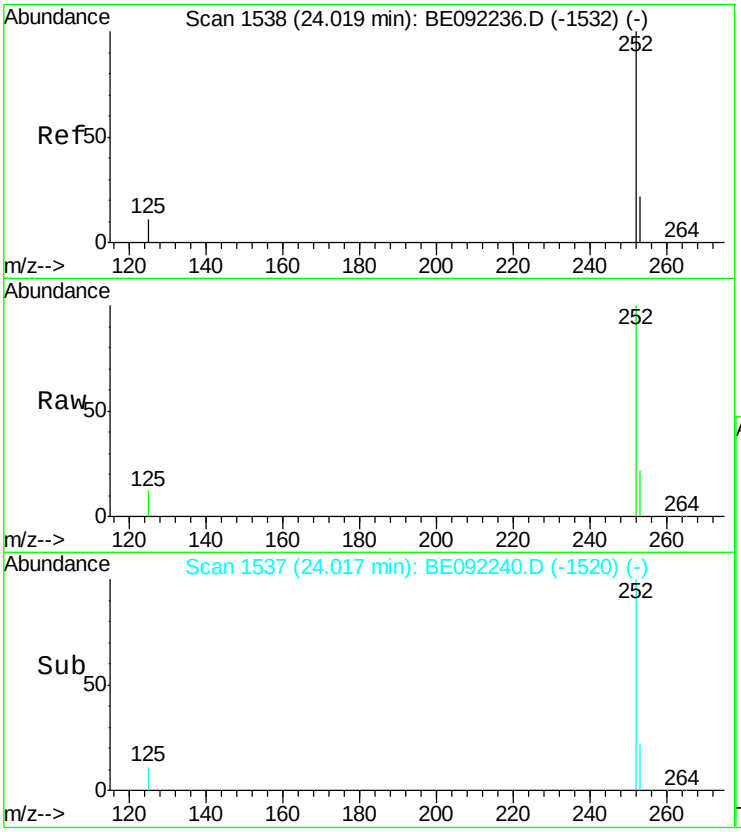


#33
Benzo(k)fluoranthene
Concen: 5.18 ng
RT: 23.44 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:252 Resp: 98586

Ion	Ratio	Lower	Upper
252	100		
253	21.2	19.0	28.6
125	10.8	10.6	15.8





#34
Benzo(a)pyrene
Concen: 5.41 ng
RT: 24.02 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:252 Resp: 93807

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.3	30.5
125	11.6	11.8	17.6#

Instrument :
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ClientSampleId :
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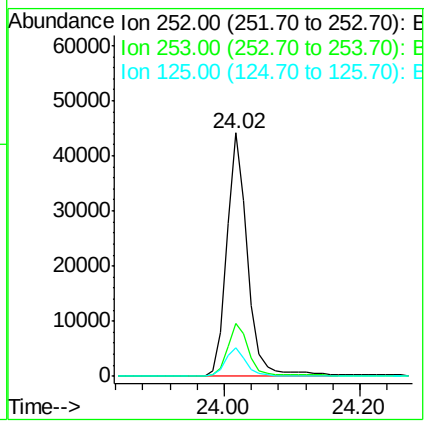
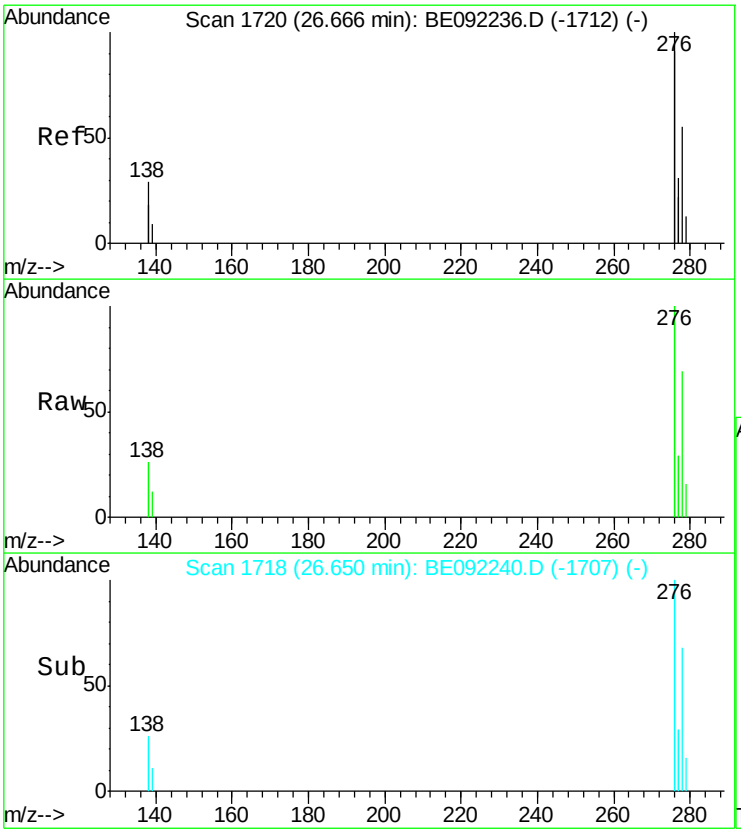
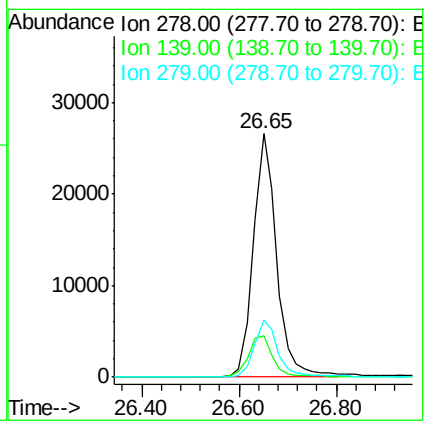


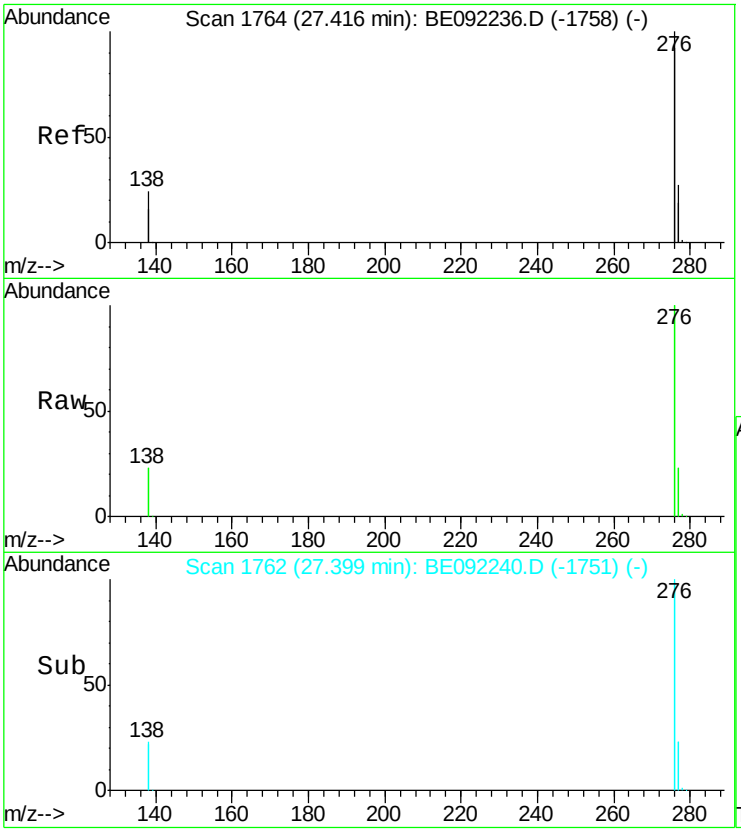


#35
Dibenzo(a,h)anthracene
Concen: 5.51 ng
RT: 26.65 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:278 Resp: 88900

Ion	Ratio	Lower	Upper
278	100		
139	16.8	16.2	24.2
279	23.1	21.4	32.2

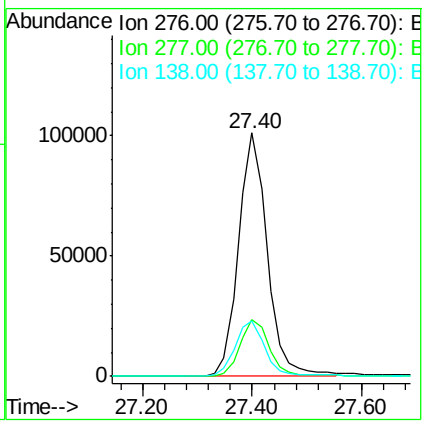




#36
Benzo(g,h,i)perylene
Concen: 5.23 ng
RT: 27.40 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BE092240.D
Acq: 9 Aug 2016 22:26

Tgt Ion:276 Resp: 363387

Ion	Ratio	Lower	Upper
276	100		
277	23.4	21.4	32.2
138	22.6	19.4	29.2



Instrument :
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ClientSampleId :
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