Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
Data File : BE092346.D
Acq On : 2 Sep 2016 16:48
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
sohil
9/6/2016 1:15:16 PM

Quant Time: Sep 02 17:51:31 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 16:32:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9170	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	44819	5.00	ng		0.00
12) Acenaphthene-d10	14.81	164	27342	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	64578	5.00	ng		0.00
24) Chrysene-d12	21.75	240	86346	5.00	ng		0.00
31) Perylene-d12	24.10	264	85910	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	3449	1.68	ng		0.00
5) Phenol-d6	7.33	99	4748	1.79	ng		-0.02
8) Nitrobenzene-d5	9.34	82	5096	1.64	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	1482	1.91	ng		-0.01
14) 2-Fluorobiphenyl	13.43	172	13419	1.56	ng		-0.01
26) Terphenyl-d14	20.17	244	20508	1.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	1908	1.25	ng		95
3) n-Nitrosodimethylamine	3.77	42	2261	2.17	ng	#	99
6) bis(2-Chloroethyl)ether	7.59	93	4308	2.10	ng	#	95
9) Naphthalene	11.01	128	15570	1.47	ng		95
10) Hexachlorobutadiene	11.30	225	2454	1.46	ng		99
11) 2-Methylnaphthalene	12.62	142	10529	1.60	ng		97
15) Acenaphthylene	14.53	152	75454	1.61	ng		100
16) Acenaphthene	14.88	154	11699	1.42	ng		96
17) Fluorene	15.87	166	15461	1.60	ng		100
19) Hexachlorobenzene	16.89	284	4771	1.52	ng	#	63
20) Pentachlorophenol	17.23	266	1324	2.56	ng		89
21) Phenanthrene	17.60	178	29027	1.52	ng	#	99
22) Anthracene	17.70	178	26561	1.80	ng		100
23) Fluoranthene	19.61	202	126192	1.61	ng		100
25) Pyrene	19.97	202	133729	1.48	ng		99
27) Benzo(a)anthracene	21.72	228	136062	1.31	ng	#	78
28) Chrysene	21.77	228	168505m	1.68	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	25041	2.05	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.58	276	160251	1.49	ng		99
32) Benzo(b)fluoranthene	23.37	252	37150	1.71	ng	#	96
33) Benzo(k)fluoranthene	23.42	252	35606	1.48	ng		95
34) Benzo(a)pyrene	23.99	252	34525	1.59	ng	#	96
35) Dibenzo(a,h)anthracene	26.60	278	32568	1.67	ng		94
36) Benzo(g,h,i)perylene	27.35	276	134580	1.57	ng		96

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

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Data File : BE092346.D
Acq On : 2 Sep 2016 16:48
Operator : UM/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

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Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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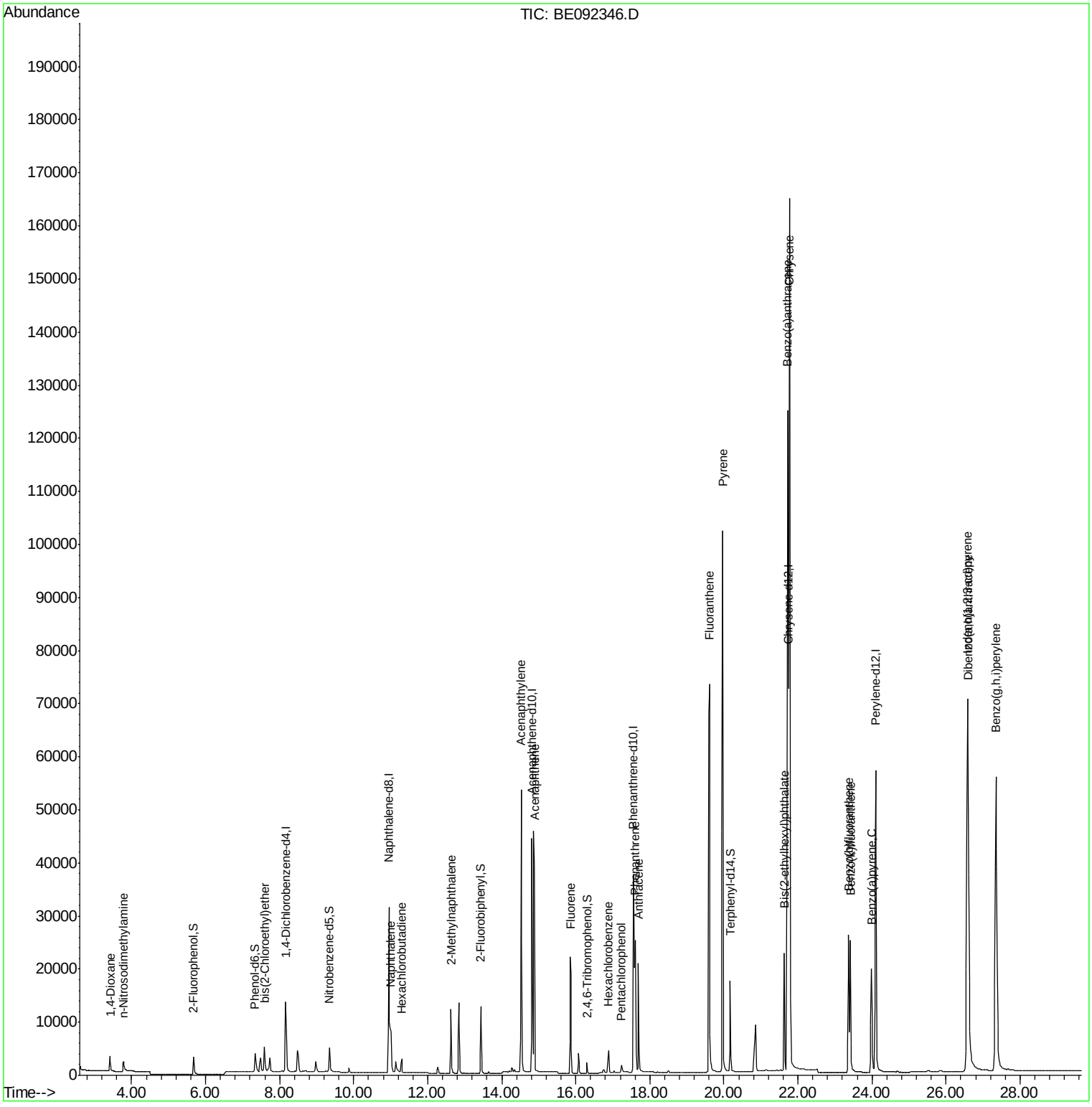
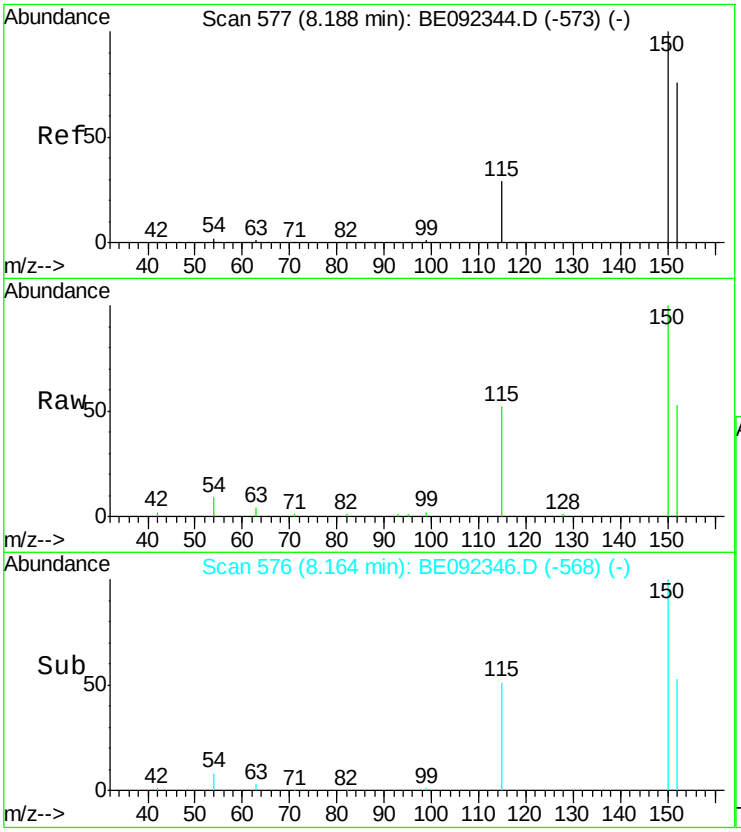
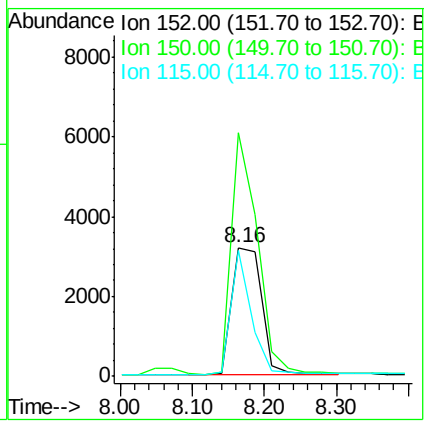




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:152 Resp: 9170

Ion	Ratio	Lower	Upper
152	100		
150	189.1	106.0	159.0#
115	97.5	31.2	46.8#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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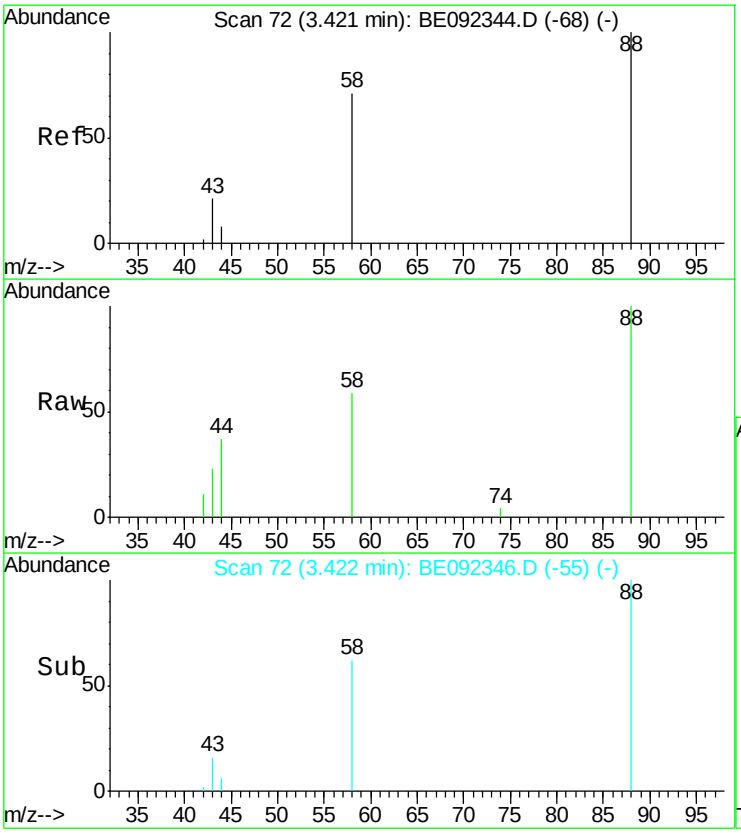
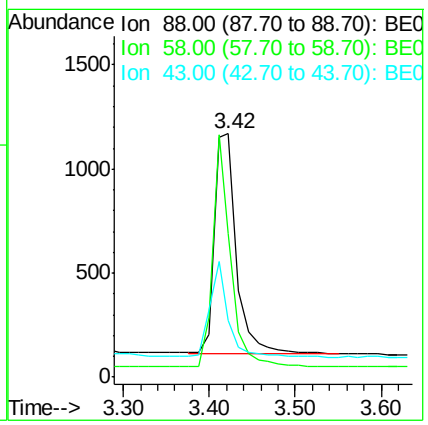
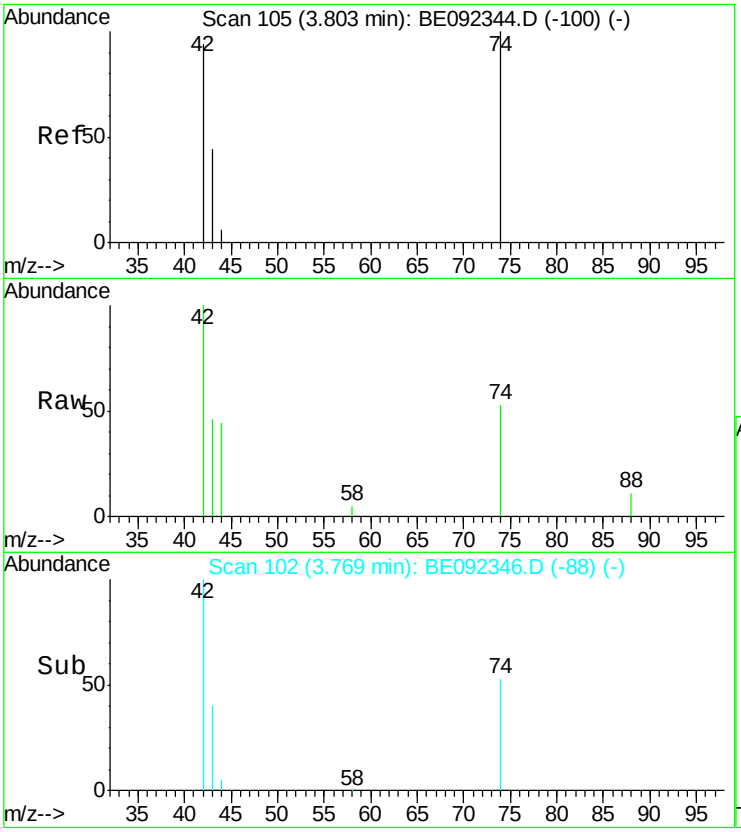


#2
1,4-Dioxane
Concen: 1.25 ng
RT: 3.42 min Scan# 72
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion: 88 Resp: 1908

Ion	Ratio	Lower	Upper
88	100		
58	85.4	63.6	95.4
43	36.2	28.0	42.0

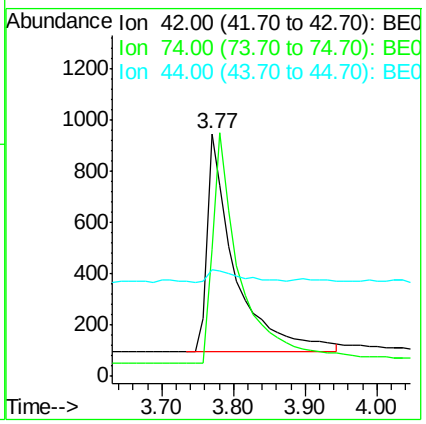




#3
n-Nitrosodimethylamine
Concen: 2.17 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.03 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion: 42 Resp: 2261

Ion	Ratio	Lower	Upper
42	100		
74	108.4	86.0	129.0
44	7.7	5.1	7.7#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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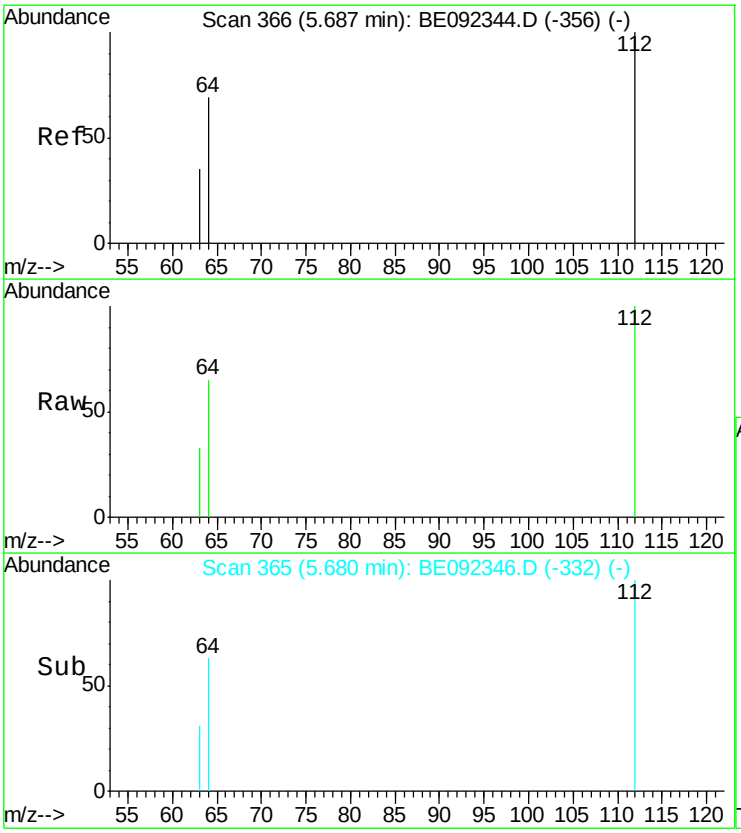
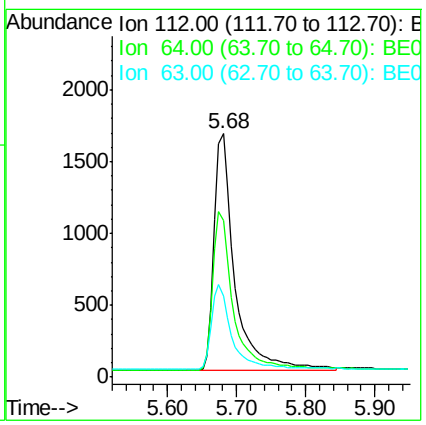
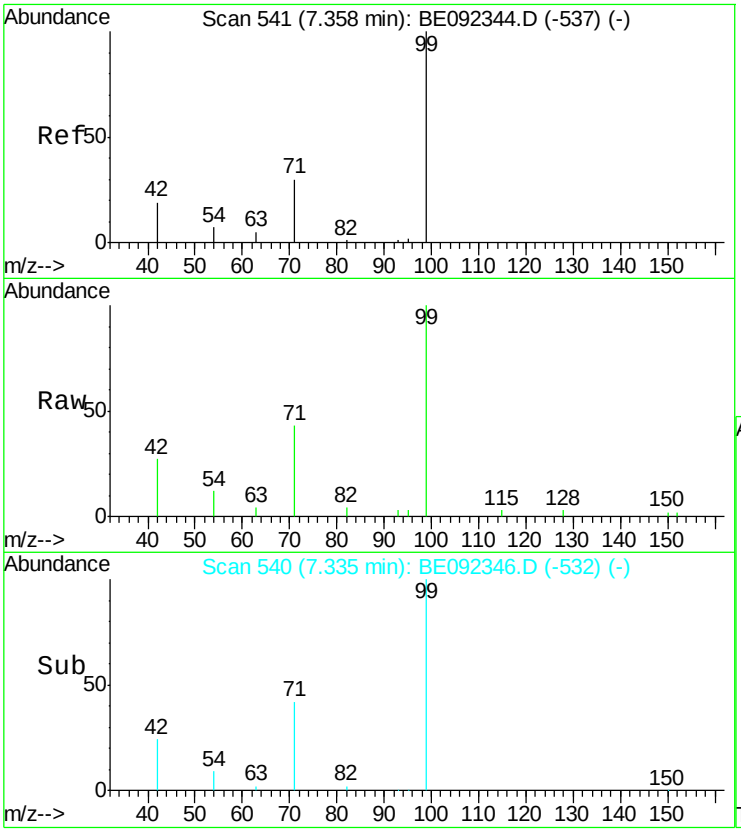


#4
2-Fluorophenol
Concen: 1.68 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:112 Resp: 3449

Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.5	80.3
63	35.8	27.9	41.9

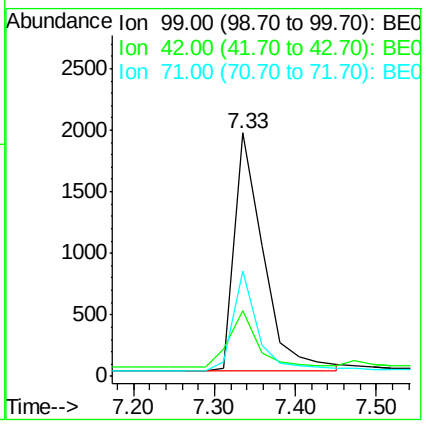




#5
Phenol-d6
Concen: 1.79 ng
RT: 7.33 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion: 99 Resp: 4748

Ion	Ratio	Lower	Upper
99	100		
42	24.2	0.0	0.0#
71	35.2	30.6	45.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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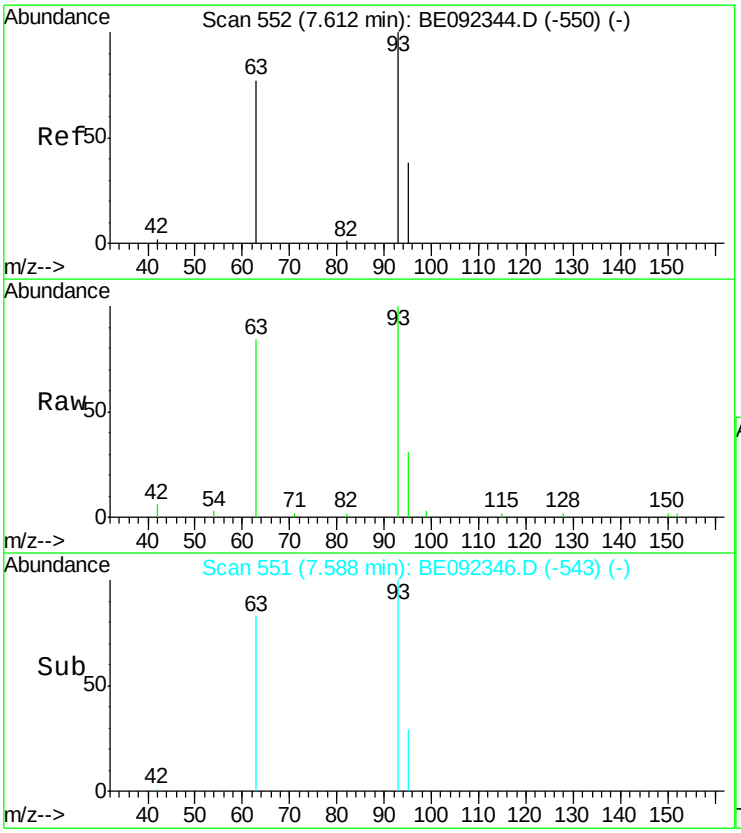
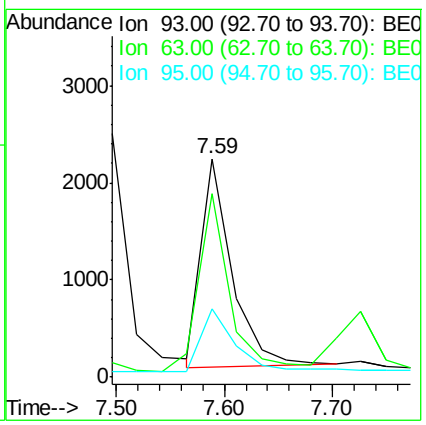
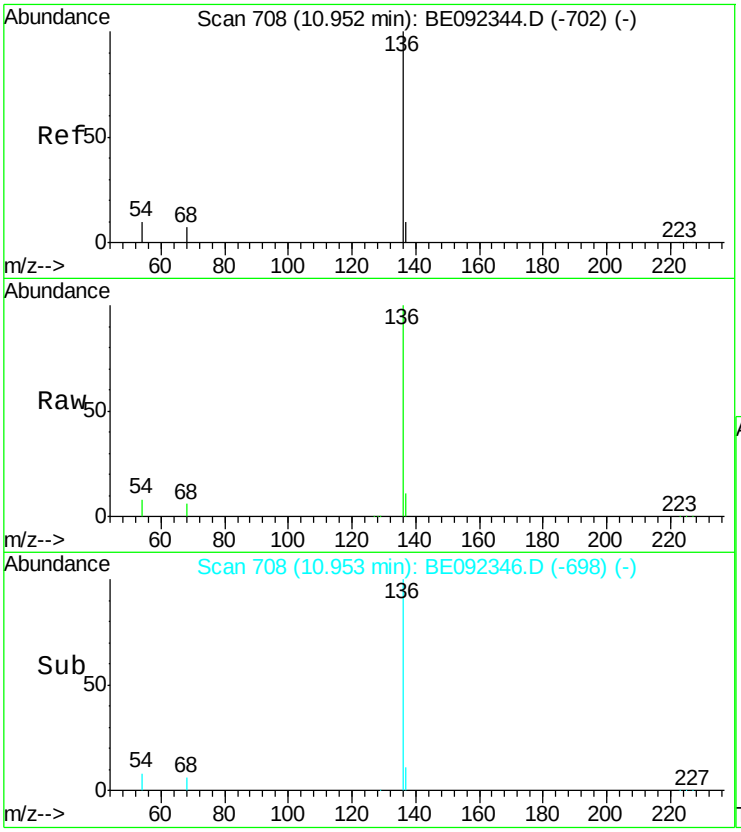


#6
bis(2-Chloroethyl)ether
Concen: 2.10 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion: 93 Resp: 4308

Ion	Ratio	Lower	Upper
93	100		
63	85.3	71.6	107.4
95	33.4	0.0	0.0#

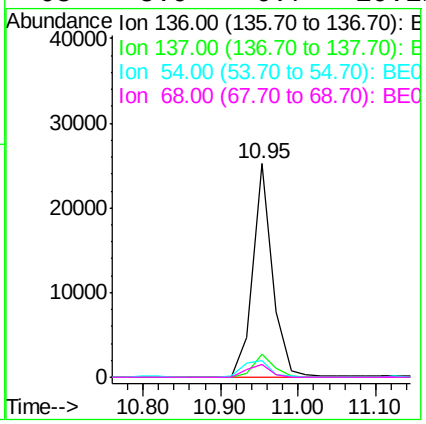




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:136 Resp: 44819

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	7.8	9.6	14.4#
68	5.9	6.7	10.1#



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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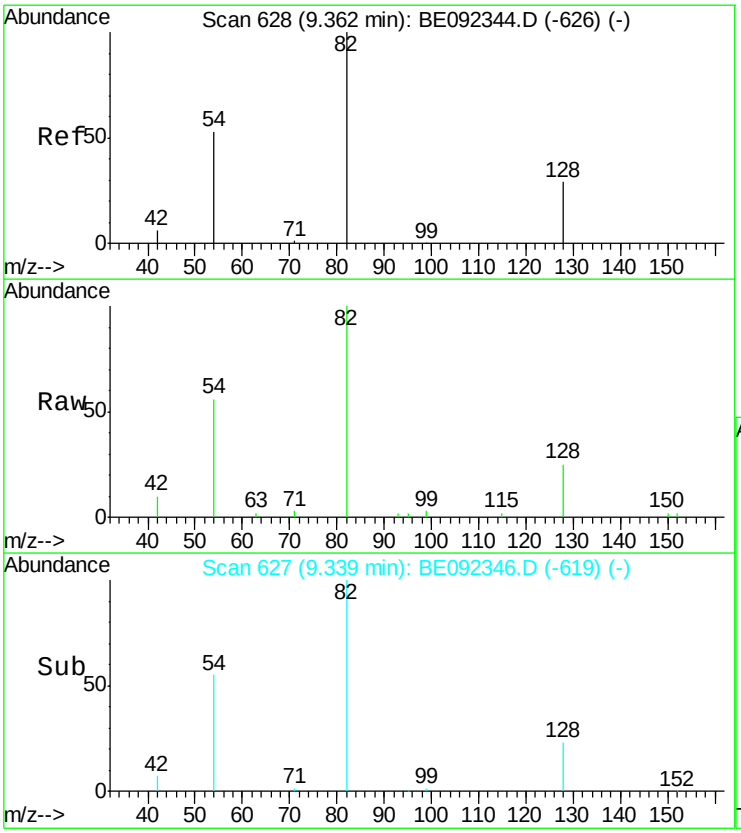
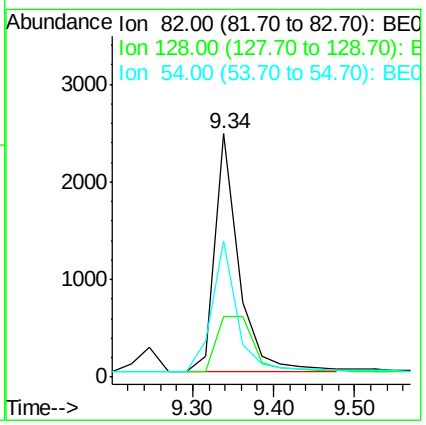
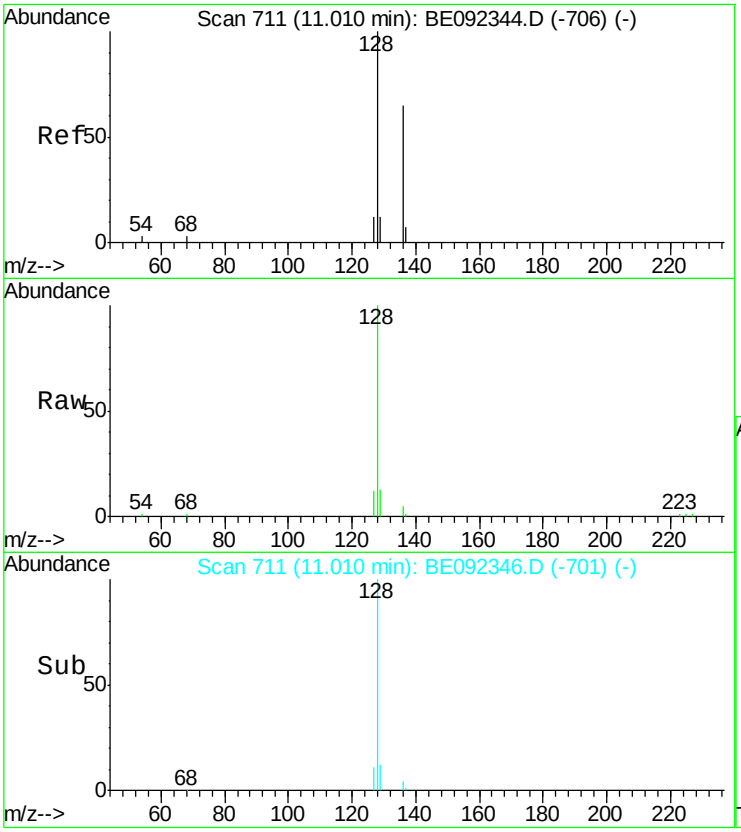


#8
Nitrobenzene-d5
Concen: 1.64 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion: 82 Resp: 5096

Ion	Ratio	Lower	Upper
82	100		
128	24.9	39.0	58.4#
54	56.0	44.8	67.2

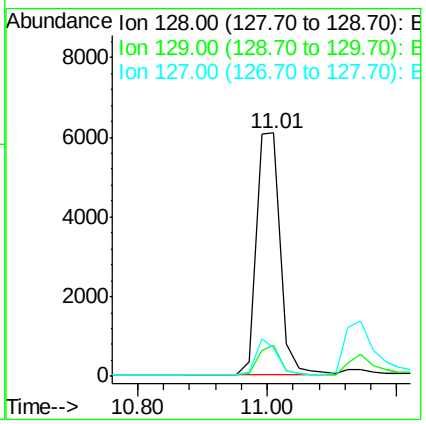




#9
Naphthalene
Concen: 1.47 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:128 Resp: 15570

Ion	Ratio	Lower	Upper
128	100		
129	12.6	11.2	16.8
127	11.7	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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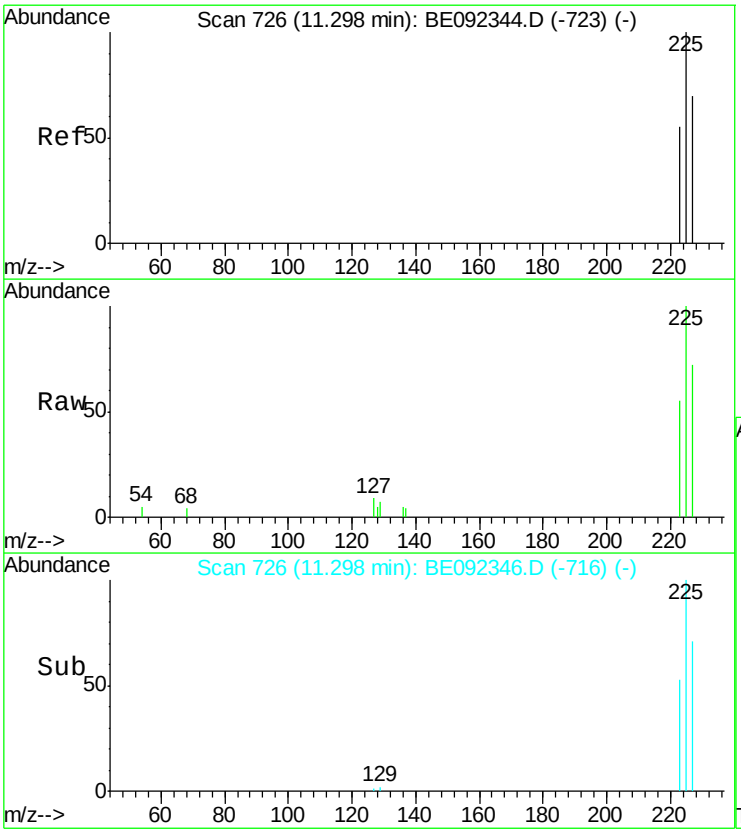
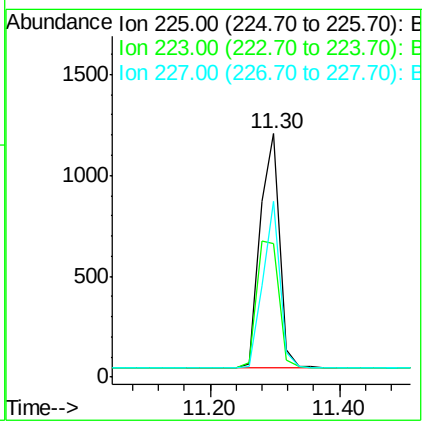
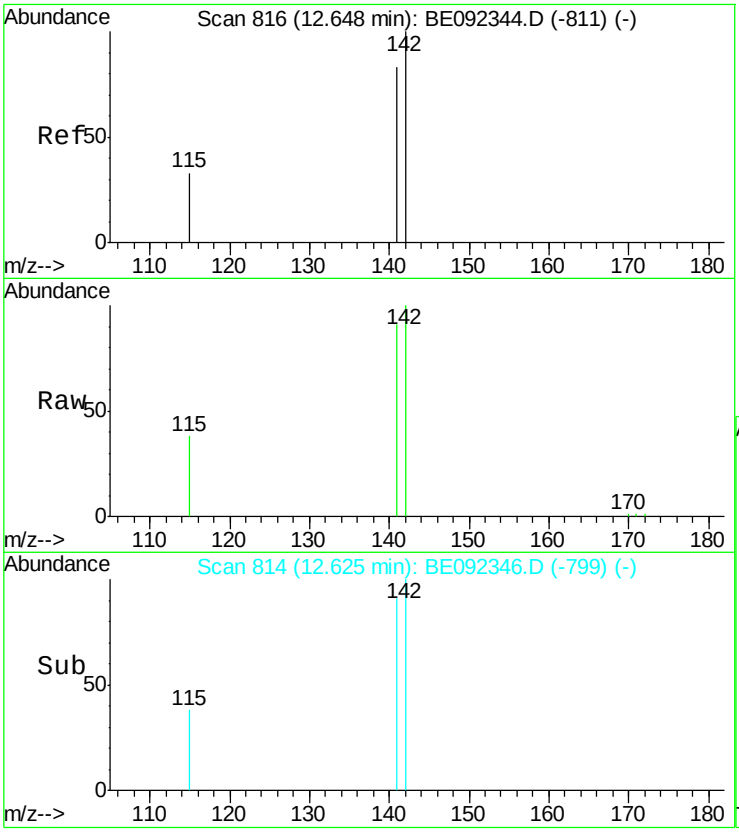


#10
Hexachlorobutadiene
Concen: 1.46 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:225 Resp: 2454

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	76.0
227	63.2	51.4	77.0

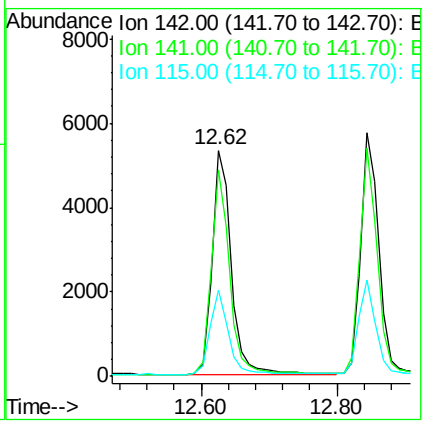




#11
2-Methylnaphthalene
Concen: 1.60 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:142 Resp: 10529

Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.7	110.5
115	38.3	34.0	51.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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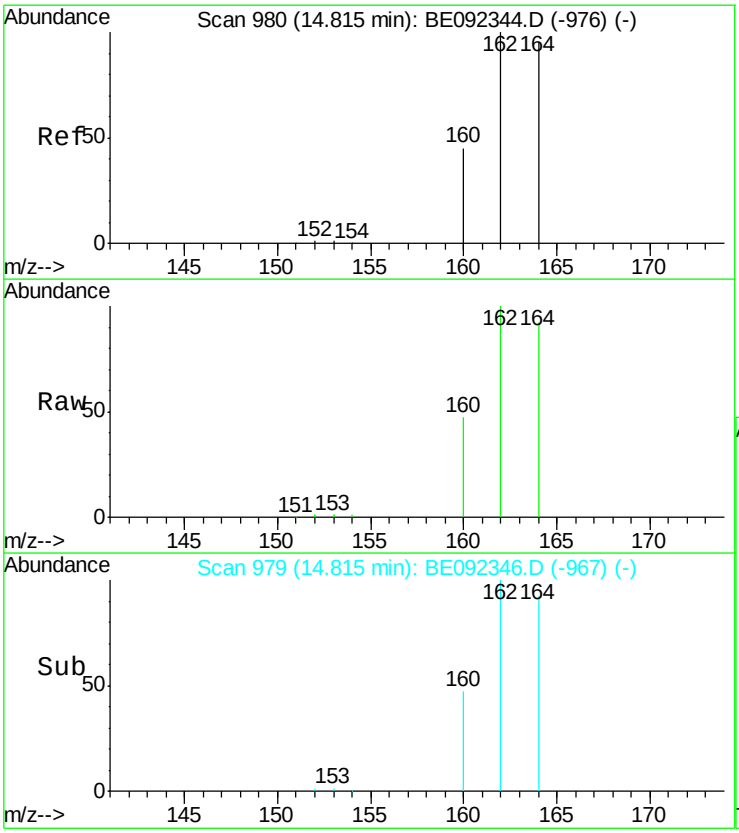
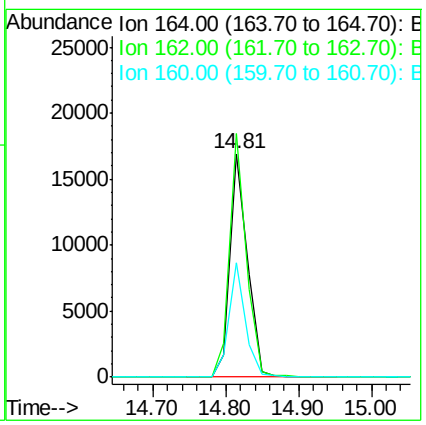
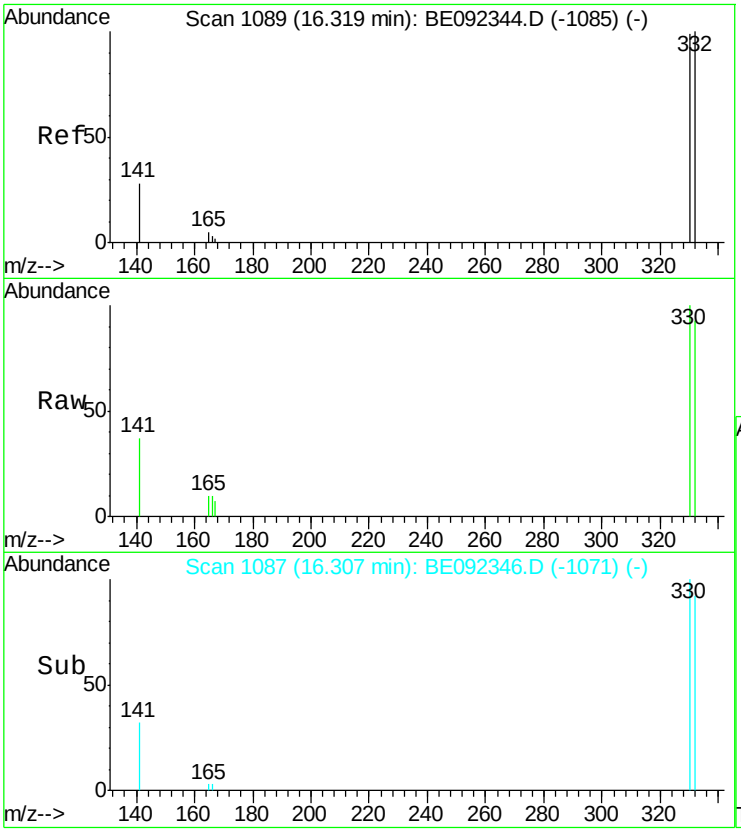


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.81 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:164 Resp: 27342

Ion	Ratio	Lower	Upper
164	100		
162	109.1	71.4	107.0#
160	51.2	27.4	41.2#





#13
2,4,6-Tribromophenol
Concen: 1.91 ng
RT: 16.31 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:330 Resp: 1482

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.4	113.0
141	42.1	31.0	46.6

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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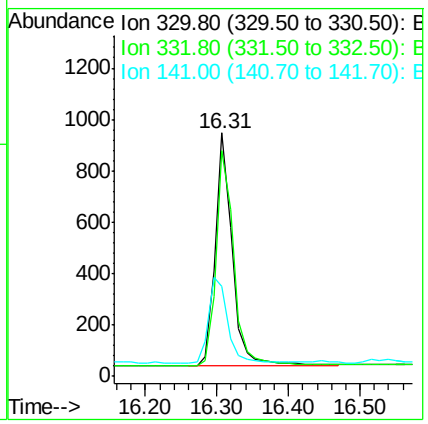
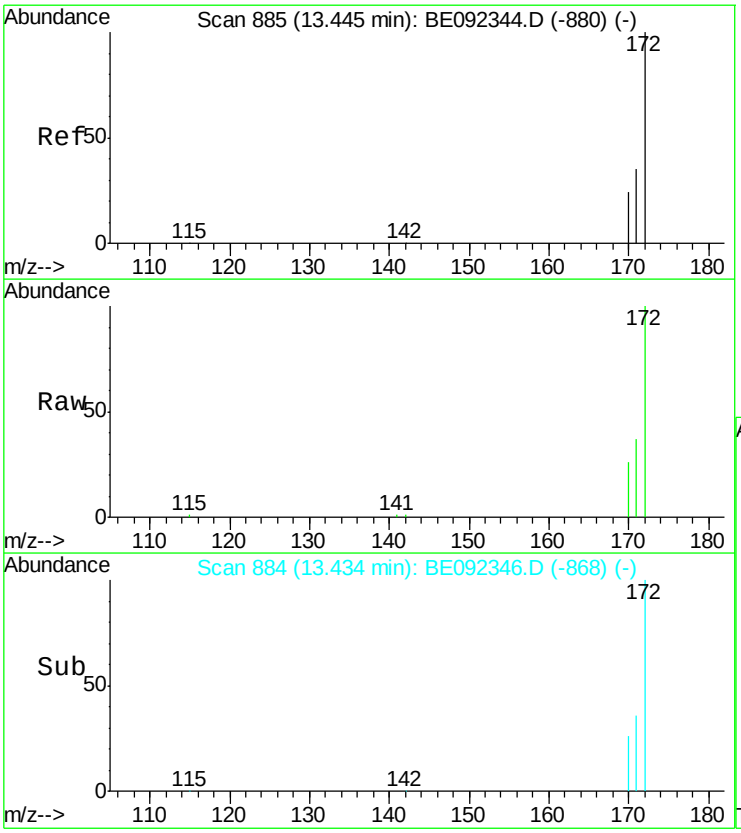
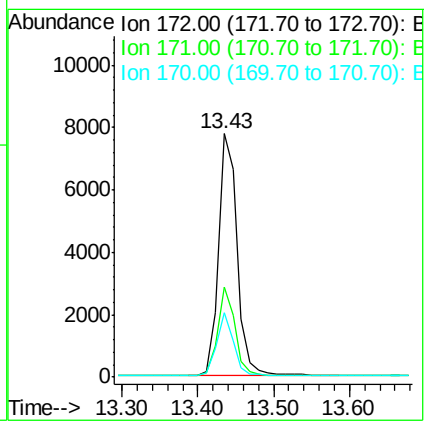


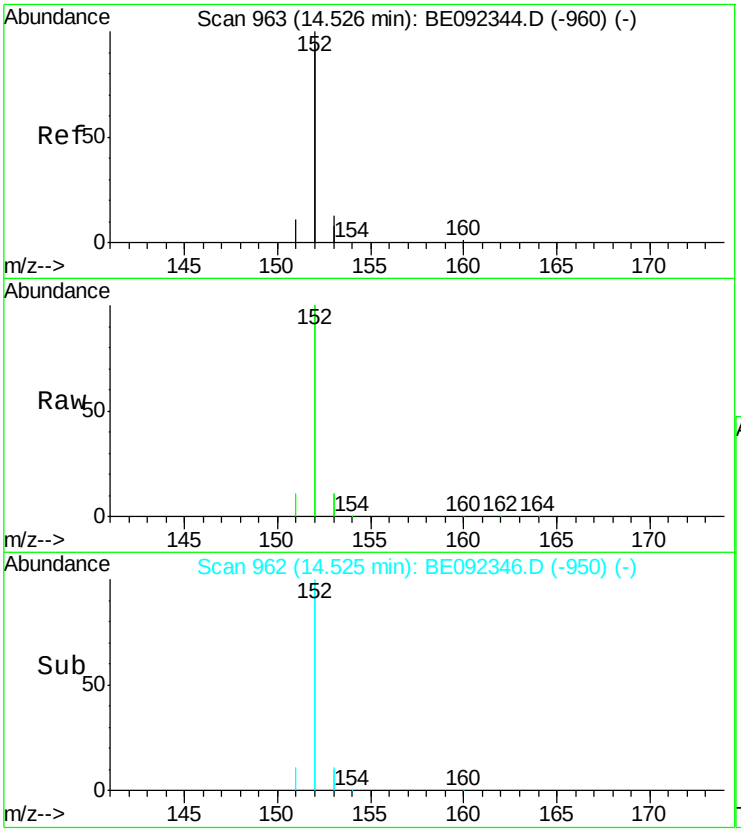


#14
2-Fluorobiphenyl
Concen: 1.56 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:172 Resp: 13419

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.1	45.1
170	26.4	21.8	32.6

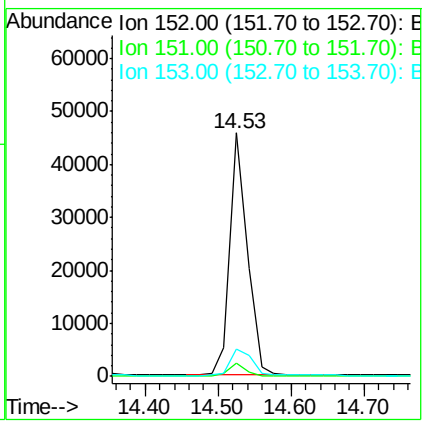




#15
Acenaphthylene
Concen: 1.61 ng
RT: 14.53 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:152 Resp: 75454

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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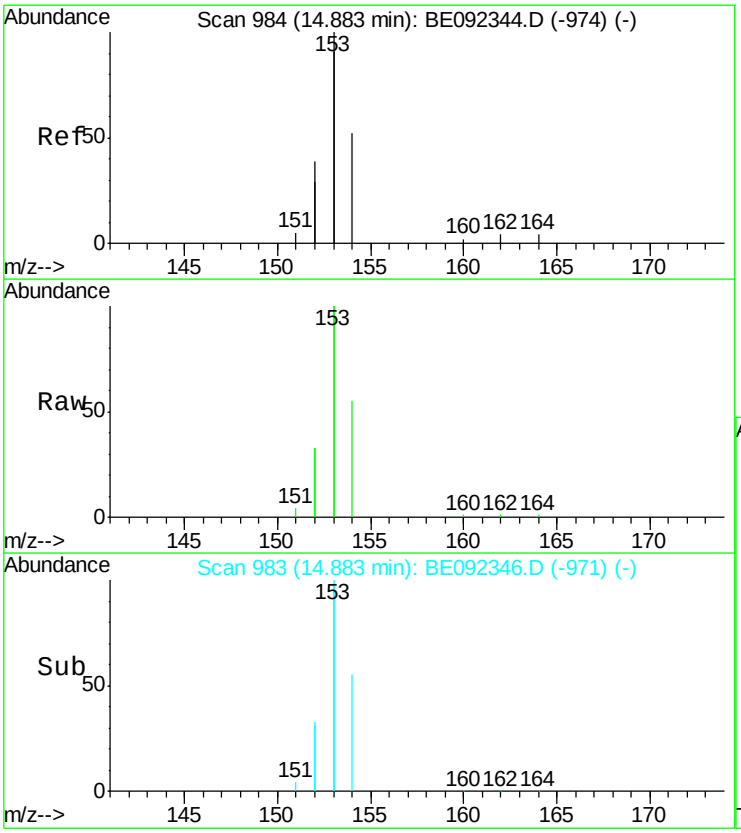
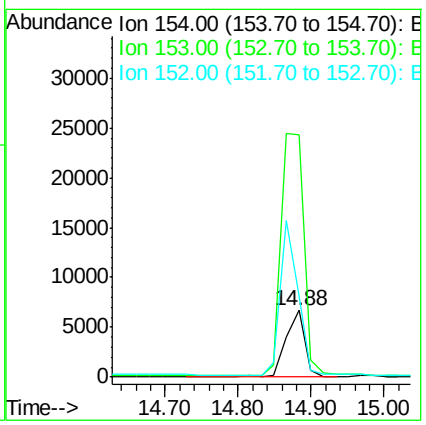
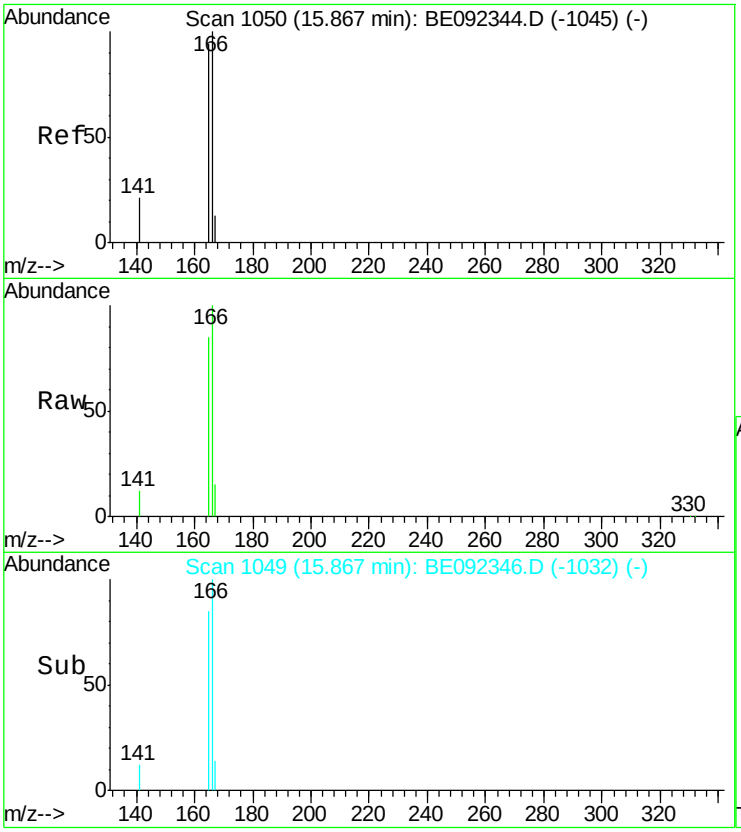


#16
Acenaphthene
Concen: 1.42 ng
RT: 14.88 min Scan# 983
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:154 Resp: 11699

Ion	Ratio	Lower	Upper
154	100		
153	448.0	350.8	526.2
152	220.4	171.1	256.7

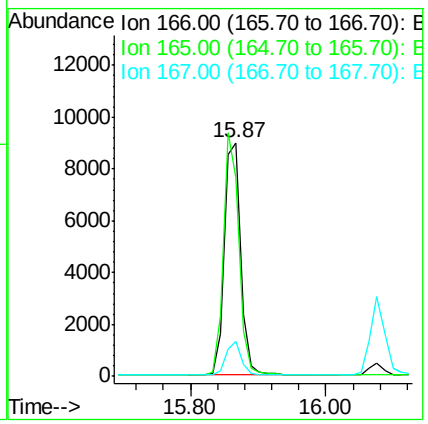




#17
Fluorene
Concen: 1.60 ng
RT: 15.87 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:166 Resp: 15461

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	13.3	11.0	16.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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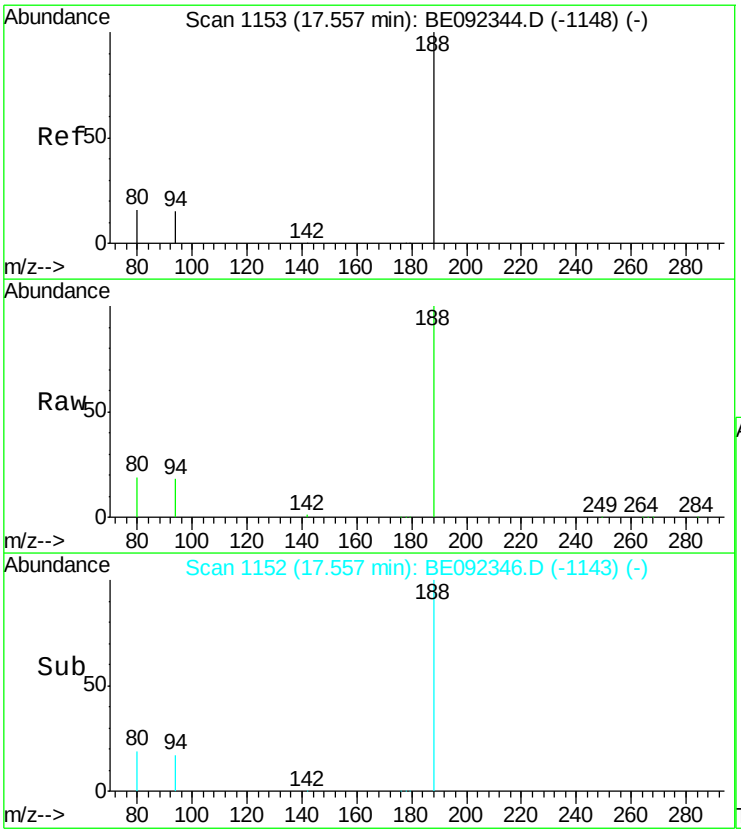
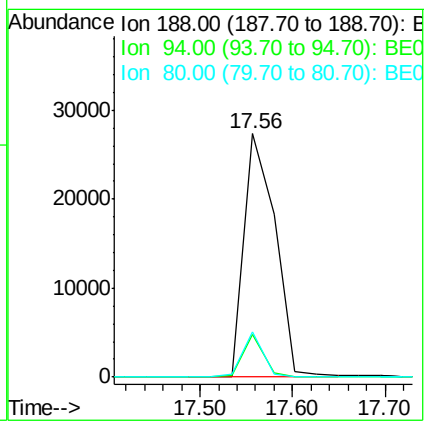
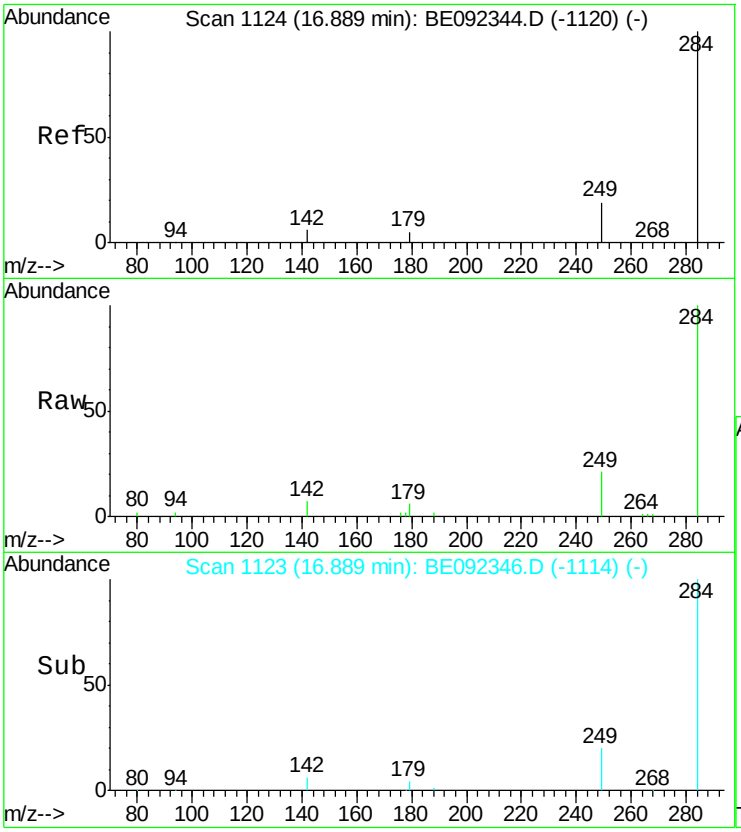


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:188 Resp: 64578

Ion	Ratio	Lower	Upper
188	100		
94	17.6	3.2	4.8#
80	18.8	2.6	3.8#

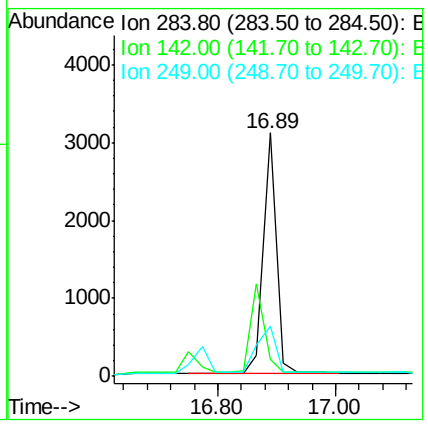




#19
Hexachlorobenzene
Concen: 1.52 ng
RT: 16.89 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:284 Resp: 4771

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	28.1	27.9	41.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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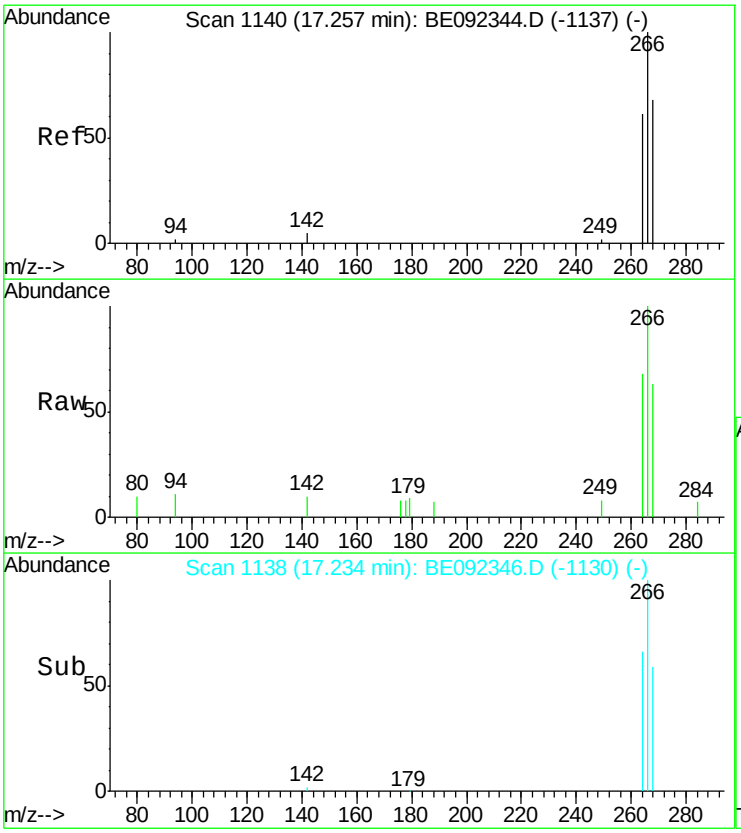
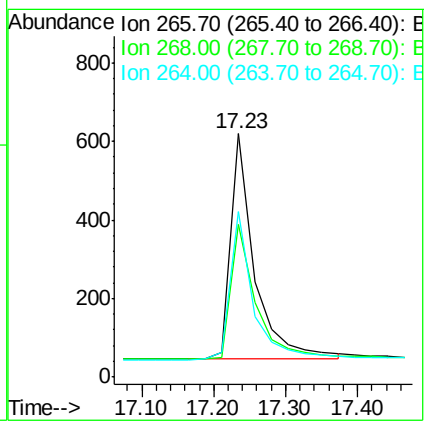
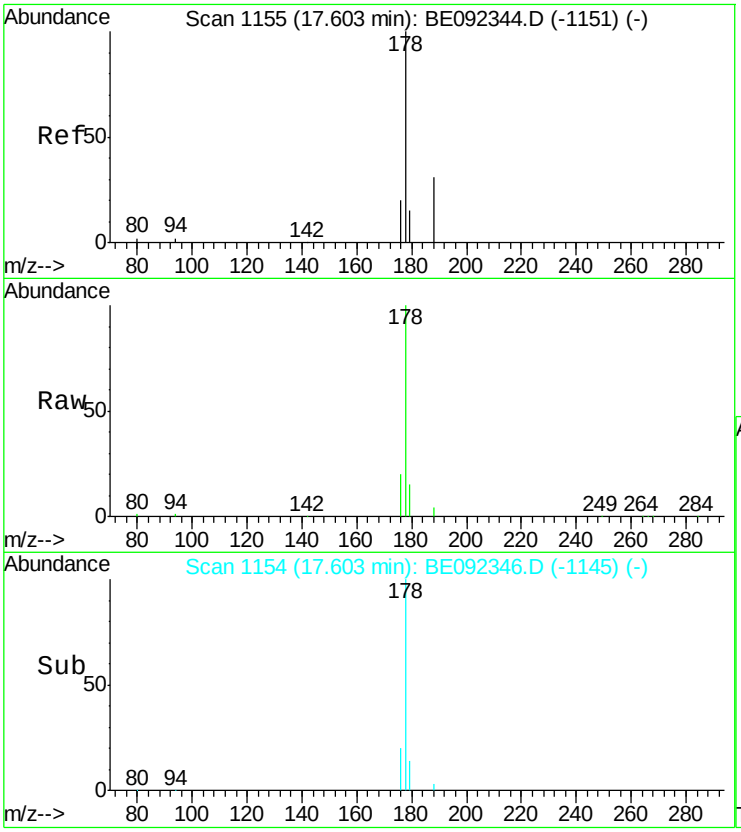


#20
Pentachlorophenol
Concen: 2.56 ng
RT: 17.23 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:266 Resp: 1324

Ion	Ratio	Lower	Upper
266	100		
268	62.6	62.5	93.7
264	67.9	57.2	85.8





#21
Phenanthrene
Concen: 1.52 ng
RT: 17.60 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:178 Resp: 29027

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.1	0.0	0.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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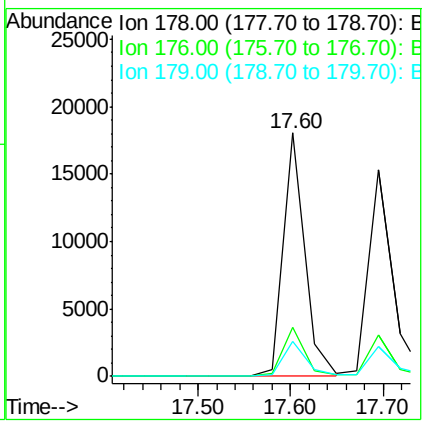
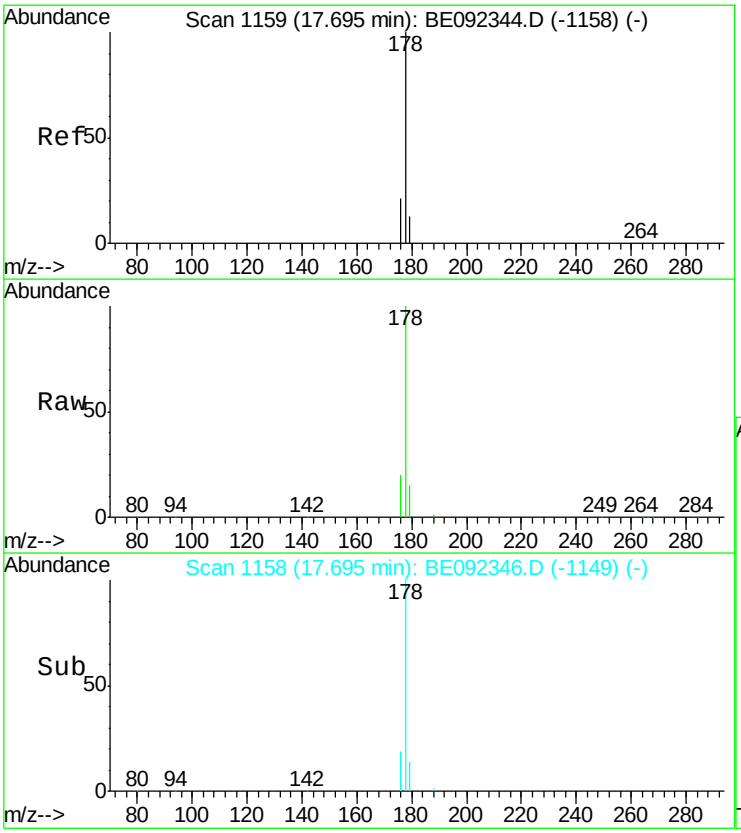
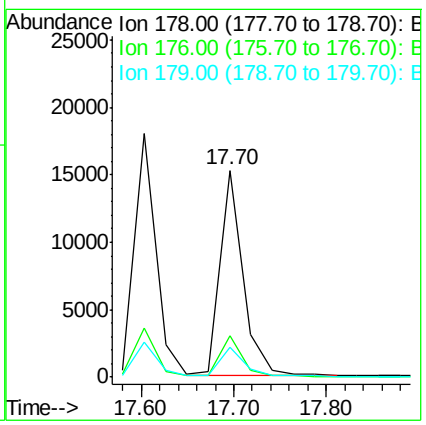


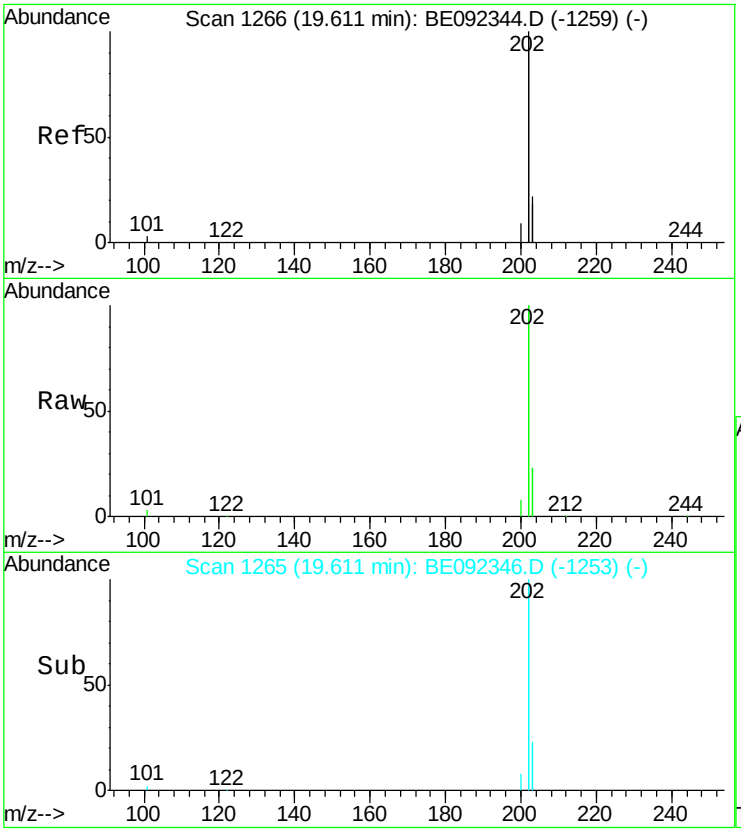


#22
Anthracene
Concen: 1.80 ng
RT: 17.70 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:178 Resp: 26561

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.9	12.2	18.2





#23
Fluoranthene
Concen: 1.61 ng
RT: 19.61 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:202 Resp: 126192

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.2	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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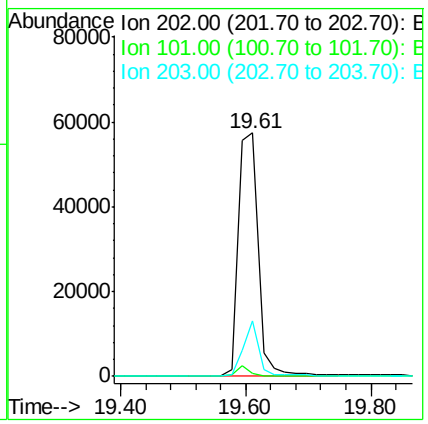
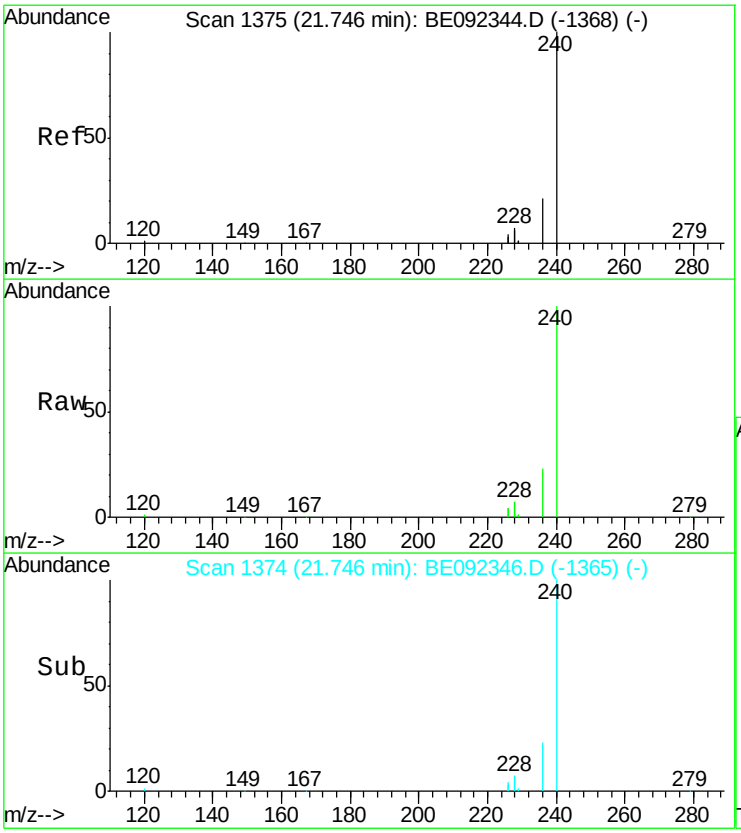
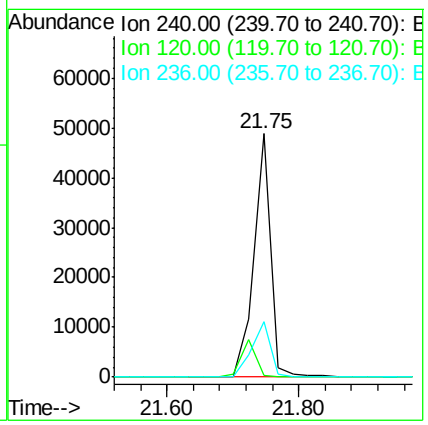


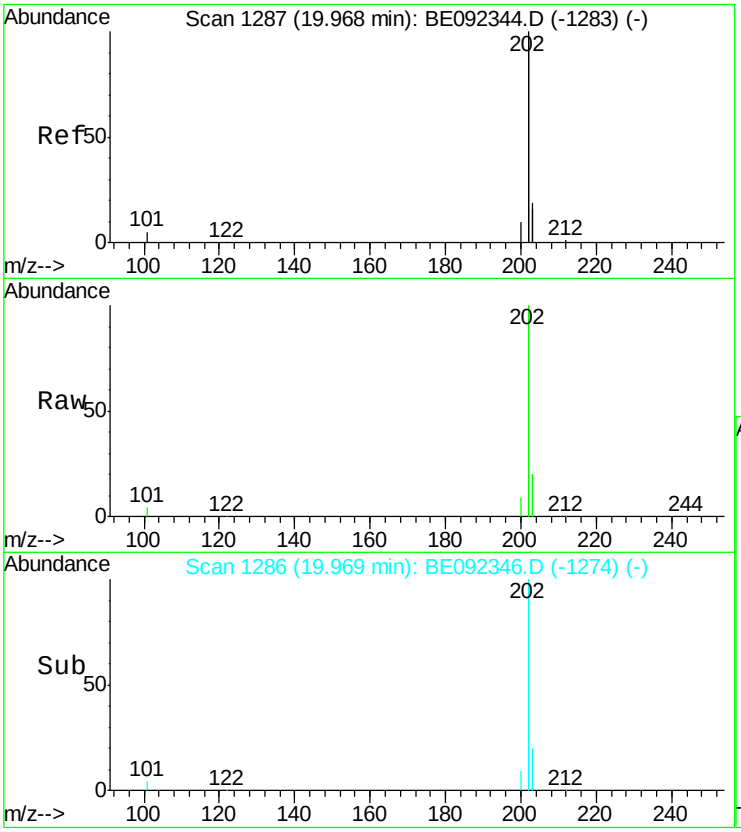


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:240 Resp: 86346

Ion	Ratio	Lower	Upper
240	100		
120	0.8	2.6	4.0#
236	22.7	24.6	37.0#





#25
Pyrene
Concen: 1.48 ng
RT: 19.97 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:202 Resp: 133729

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.9	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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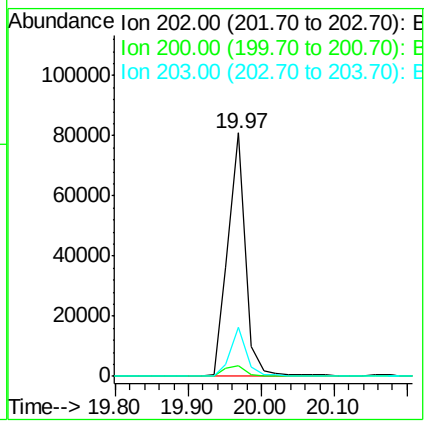
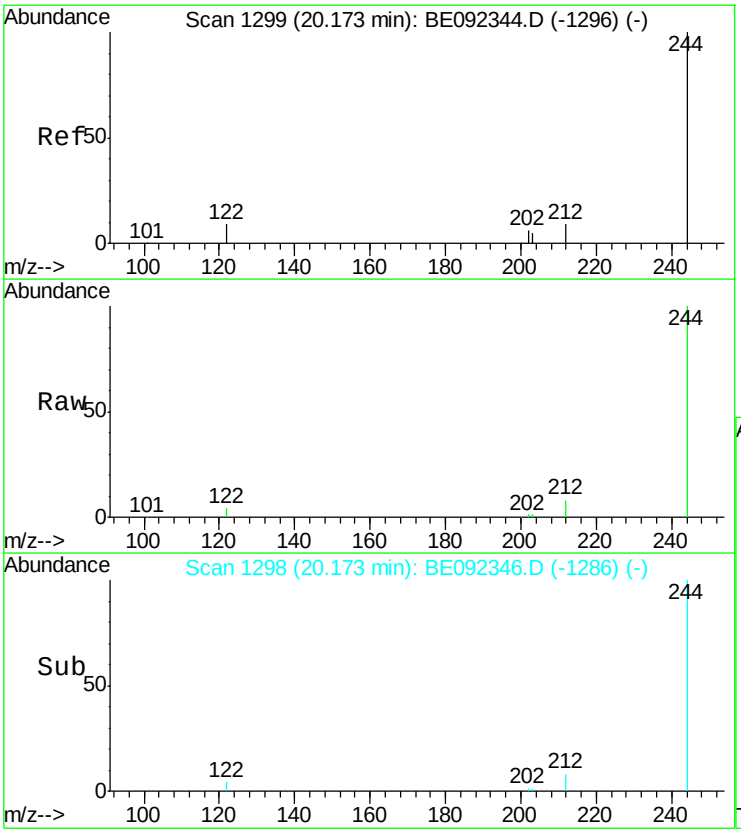
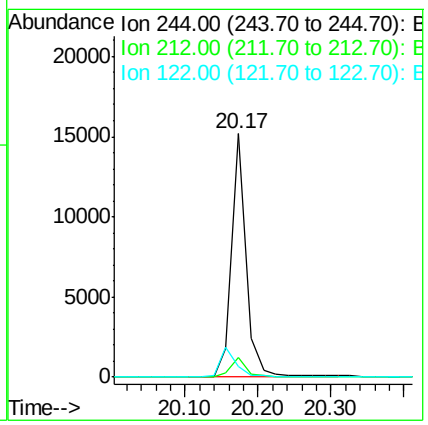


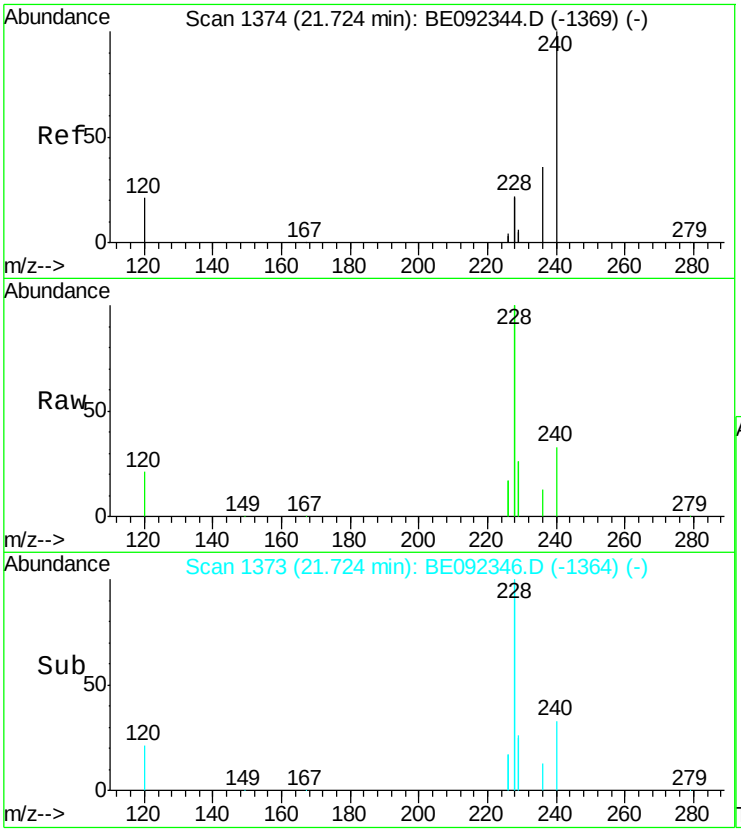


#26
Terphenyl-d14
Concen: 1.47 ng
RT: 20.17 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:244 Resp: 20508

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	4.5	3.6	5.4





#27
Benzo(a)anthracene
Concen: 1.31 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:228 Resp: 136062

Ion	Ratio	Lower	Upper
228	100		
226	17.4	23.6	35.4#
229	26.0	13.3	19.9#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED
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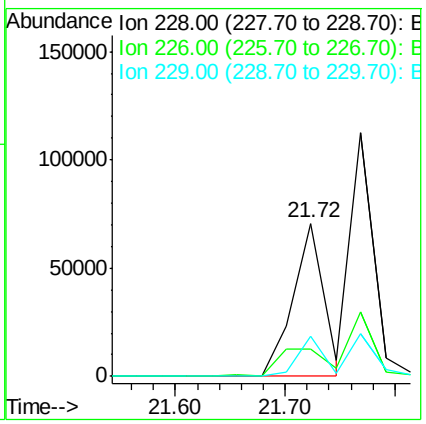
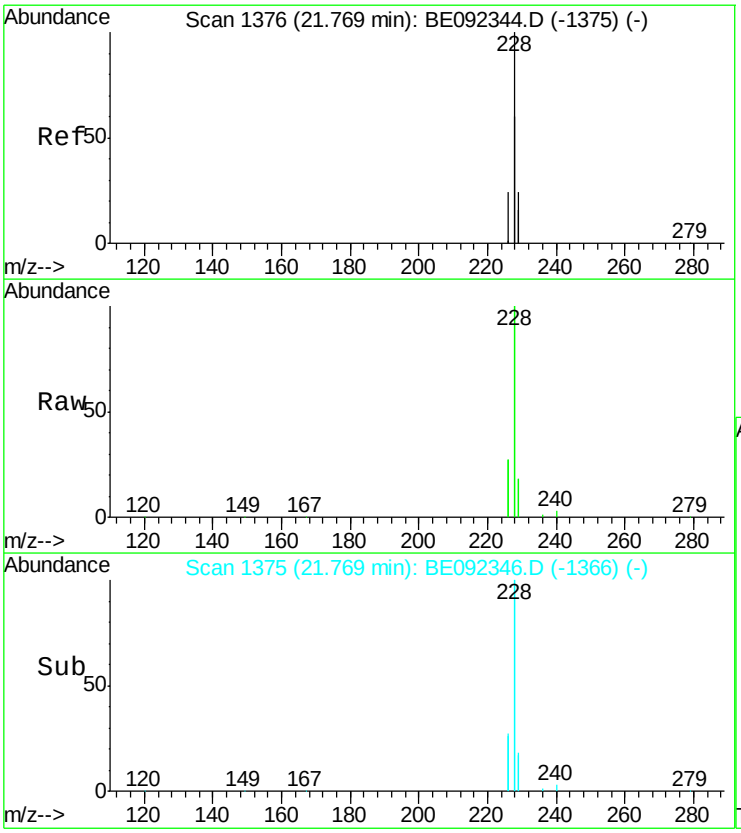
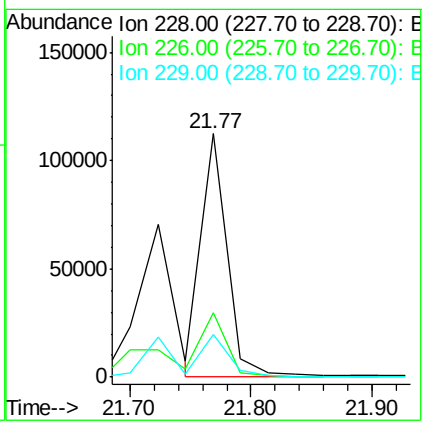


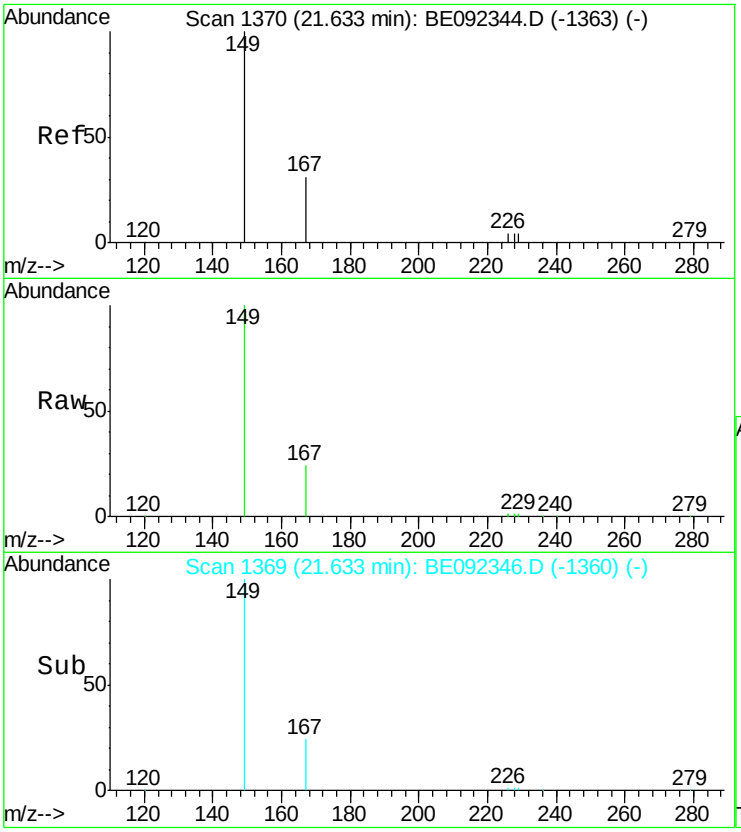


#28
Chrysene
Concen: 1.68 ng m
RT: 21.77 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:228 Resp: 168505

Ion	Ratio	Lower	Upper
228	100		
226	26.7	36.3	54.5#
229	17.8	10.6	16.0#





#29
Bis(2-ethylhexyl)phthalate
Concen: 2.05 ng
RT: 21.63 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:149 Resp: 25041

Ion	Ratio	Lower	Upper
149	100		
167	24.4	16.0	24.0#
279	0.0	16.0	24.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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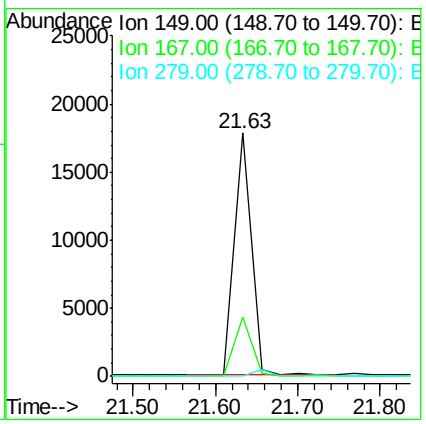
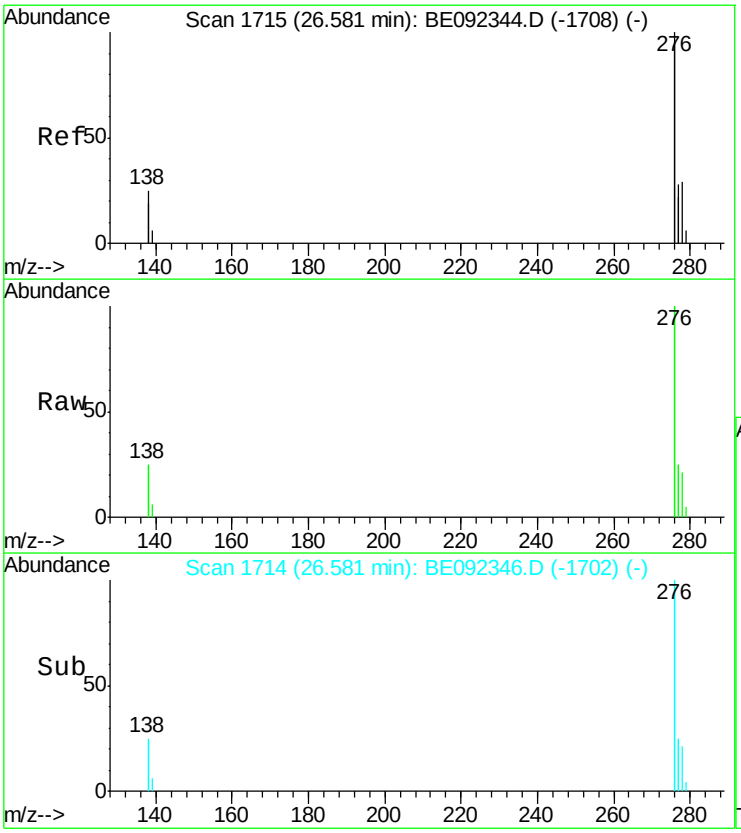
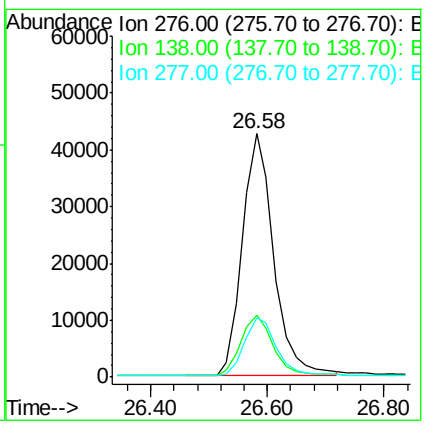


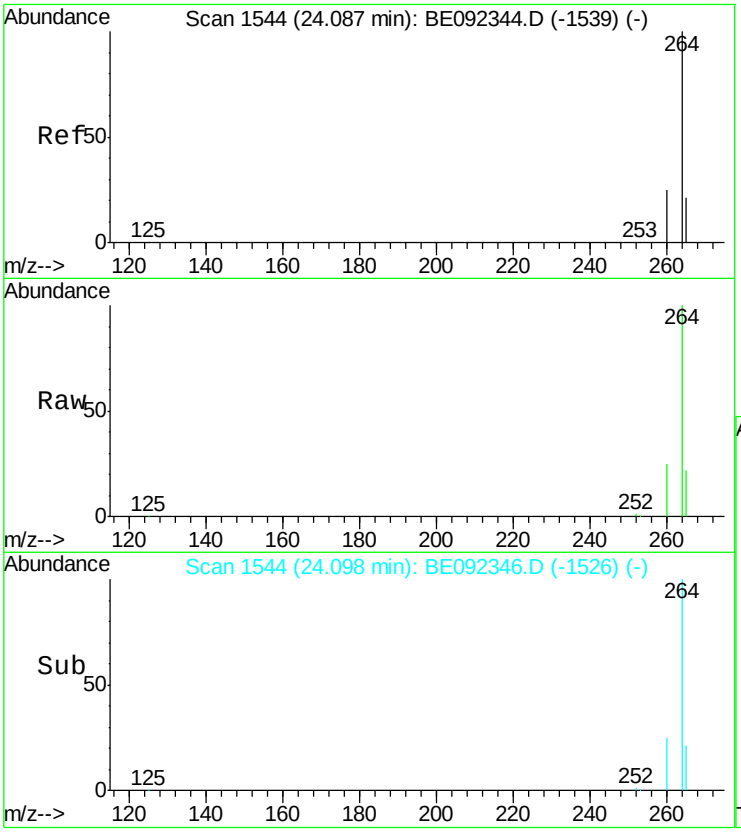


#30
Indeno(1,2,3-cd)pyrene
Concen: 1.49 ng
RT: 26.58 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:276 Resp: 160251

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.3	30.5
277	24.7	19.7	29.5





#31
Perylene-d12
Concen: 5.00 ng
RT: 24.10 min Scan# 1544
Delta R.T. 0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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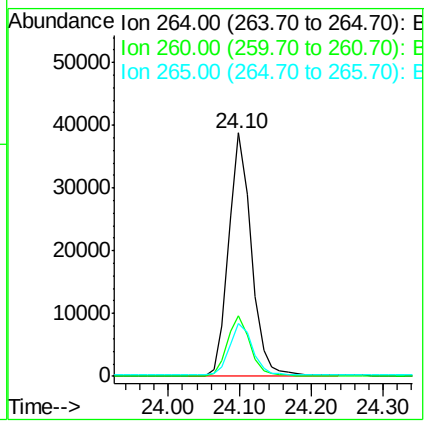
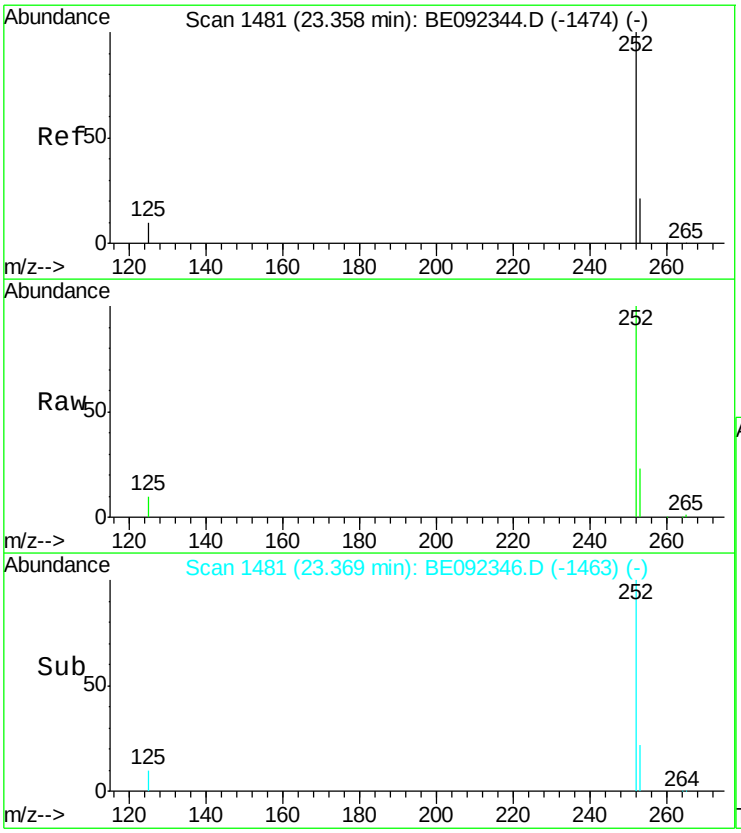
Tgt Ion:264 Resp: 85910

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	21.6	17.9	26.9

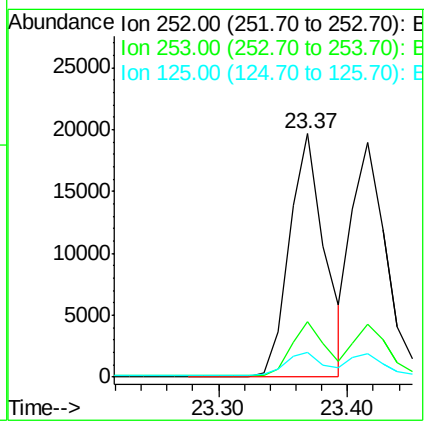


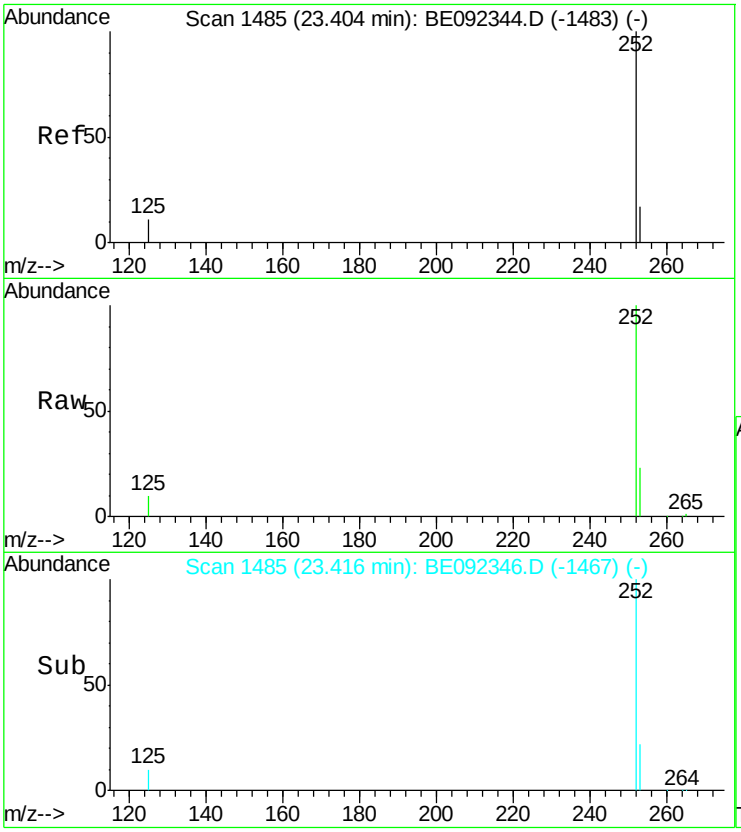


#32
Benzo(b)fluoranthene
Concen: 1.71 ng
RT: 23.37 min Scan# 1481
Delta R.T. 0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:252 Resp: 37150

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.7	28.1
125	10.3	10.5	15.7#





#33
Benzo(k)fluoranthene
Concen: 1.48 ng
RT: 23.42 min Scan# 1485
Delta R.T. 0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:252 Resp: 35606

Ion	Ratio	Lower	Upper
252	100		
253	22.5	20.3	30.5
125	10.2	9.6	14.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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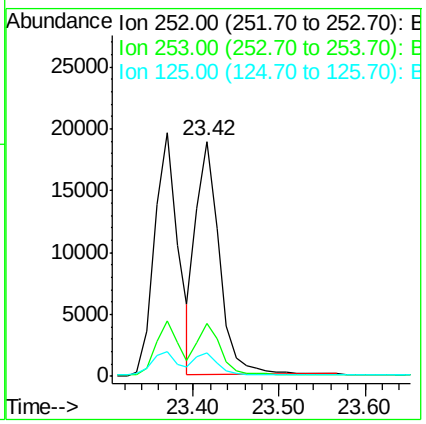
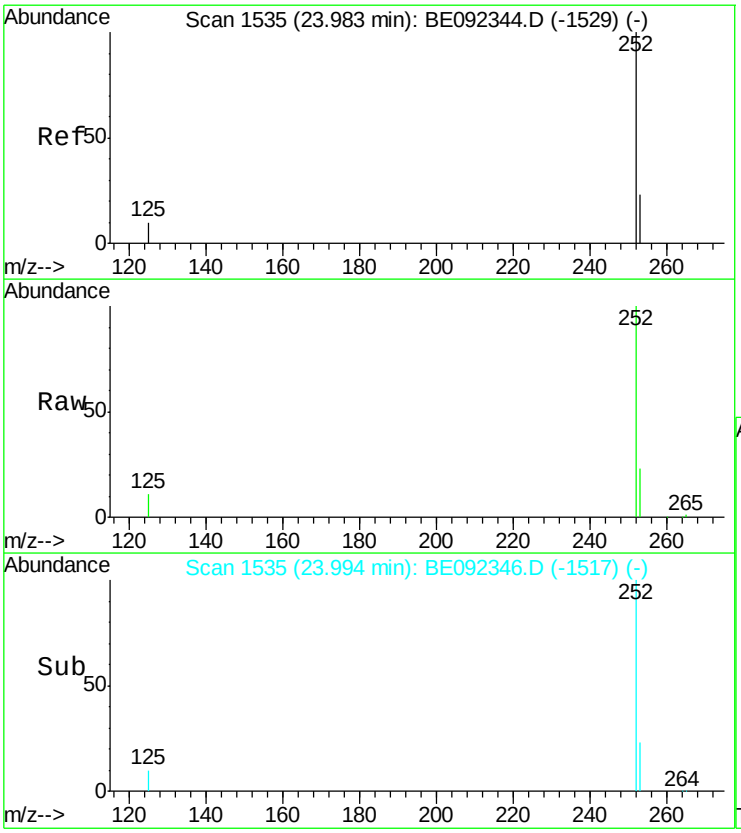
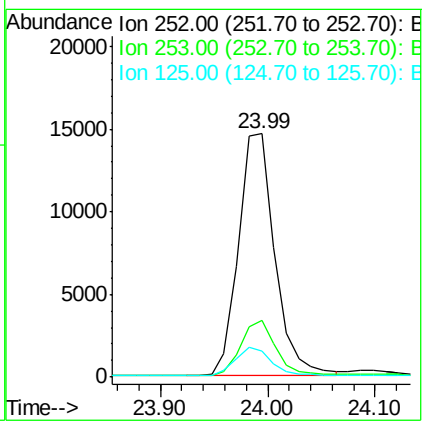


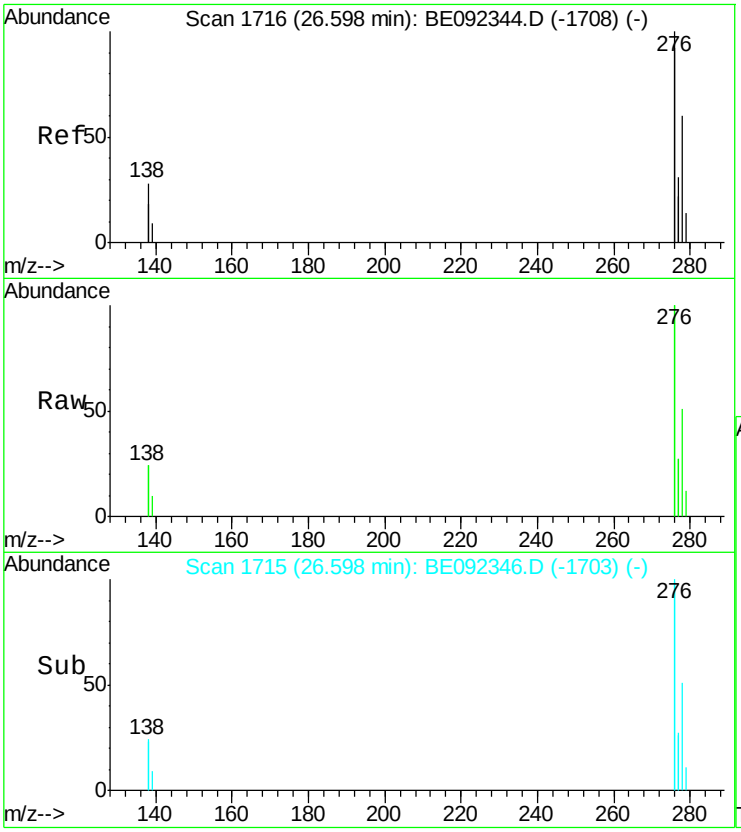


#34
Benzo(a)pyrene
Concen: 1.59 ng
RT: 23.99 min Scan# 1535
Delta R.T. 0.01 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:252 Resp: 34525

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	10.8	11.8	17.8#

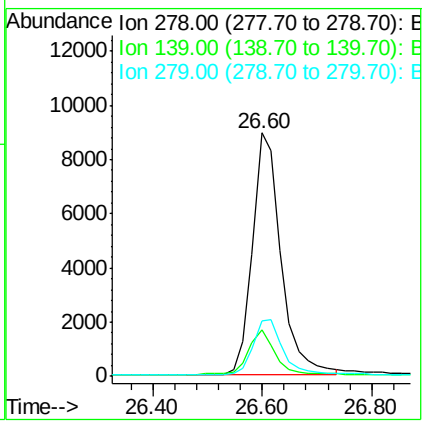




#35
Dibenzo(a,h)anthracene
Concen: 1.67 ng
RT: 26.60 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:278 Resp: 32568

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	22.7	21.4	32.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

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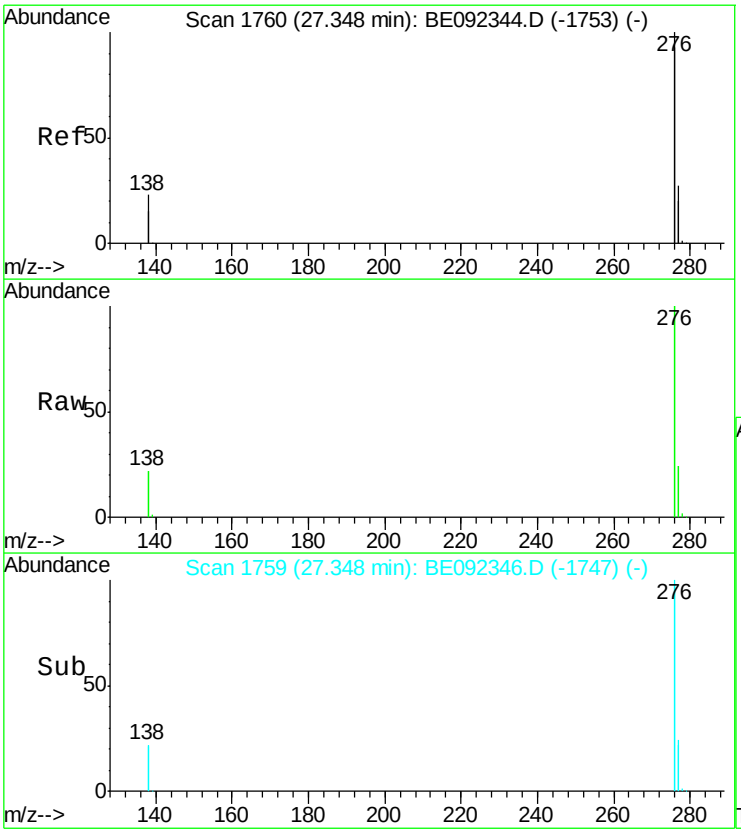

#36
Benzo(g,h,i)perylene
Concen: 1.57 ng
RT: 27.35 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092346.D
Acq: 2 Sep 2016 16:48

Tgt Ion:276 Resp: 134580

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.8	29.8
138	22.2	19.8	29.6