Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090216\
Data File : BE092345.D
Acq On : 2 Sep 2016 16:12
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Manual Integrations APPROVED
sohil
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Quant Time: Sep 02 17:48:44 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	8.19	152	9087	5.00	ng		0.00
7) Naphthalene-d8	10.95	136	44027	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	27523	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	64375	5.00	ng		0.00
24) Chrysene-d12	21.75	240	86531	5.00	ng		0.00
31) Perylene-d12	24.10	264	88008	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.68	112	1657	0.81	ng		0.00
5) Phenol-d6	7.36	99	2142	0.82	ng		0.00
8) Nitrobenzene-d5	9.34	82	2337	0.76	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	667	0.85	ng		-0.01
14) 2-Fluorobiphenyl	13.44	172	6610	0.76	ng		0.00
26) Terphenyl-d14	20.17	244	10450	0.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	986	0.65	ng		96
3) n-Nitrosodimethylamine	3.78	42	1025	0.99	ng		98
6) bis(2-Chloroethyl)ether	7.59	93	2016	0.99	ng	#	97
9) Naphthalene	11.01	128	7794	0.75	ng		96
10) Hexachlorobutadiene	11.30	225	1230	0.75	ng		99
11) 2-Methylnaphthalene	12.64	142	5114	0.79	ng		92
15) Acenaphthylene	14.53	152	36897	0.78	ng		100
16) Acenaphthene	14.88	154	5883	0.71	ng		97
17) Fluorene	15.87	166	7552	0.78	ng		100
19) Hexachlorobenzene	16.89	284	2455	0.78	ng	#	62
20) Pentachlorophenol	17.23	266	536	1.04	ng		89
21) Phenanthrene	17.60	178	14270	0.75	ng	#	100
22) Anthracene	17.70	178	12673	0.86	ng		99
23) Fluoranthene	19.61	202	62238	0.80	ng		100
25) Pyrene	19.97	202	68799	0.76	ng		100
27) Benzo(a)anthracene	21.72	228	71039	0.68	ng	#	80
28) Chrysene	21.77	228	84488m	0.84	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	10194	0.83	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.58	276	80000	0.74	ng		99
32) Benzo(b)fluoranthene	23.37	252	18353	0.83	ng		97
33) Benzo(k)fluoranthene	23.42	252	18285	0.74	ng		94
34) Benzo(a)pyrene	23.99	252	17333	0.78	ng	#	97
35) Dibenzo(a,h)anthracene	26.62	278	16179	0.81	ng		96
36) Benzo(g,h,i)perylene	27.35	276	67584	0.77	ng		98

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

Quantitation Report (QT Reviewed)

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Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 02 17:48:44 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 16:32:48 2016
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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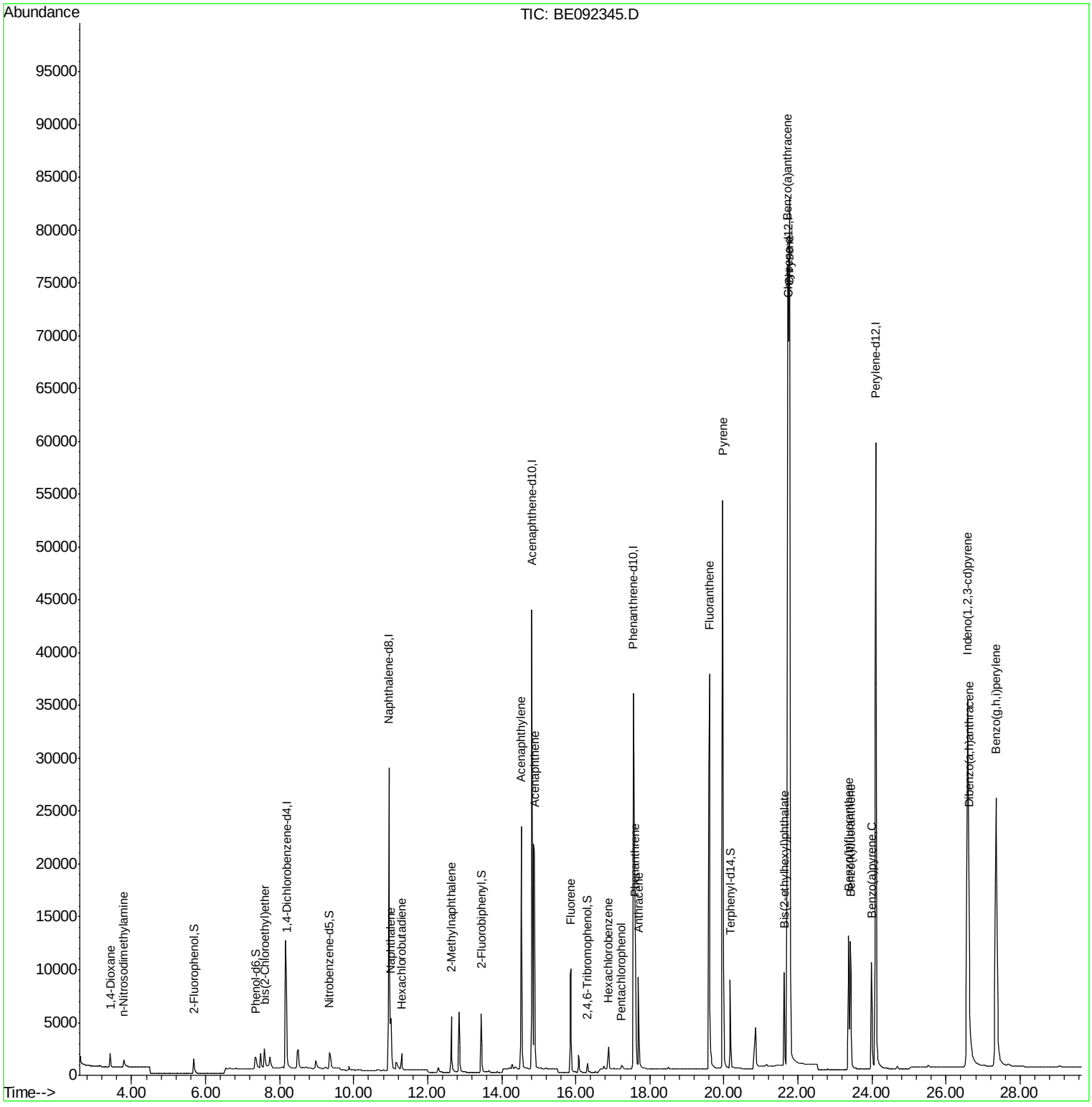
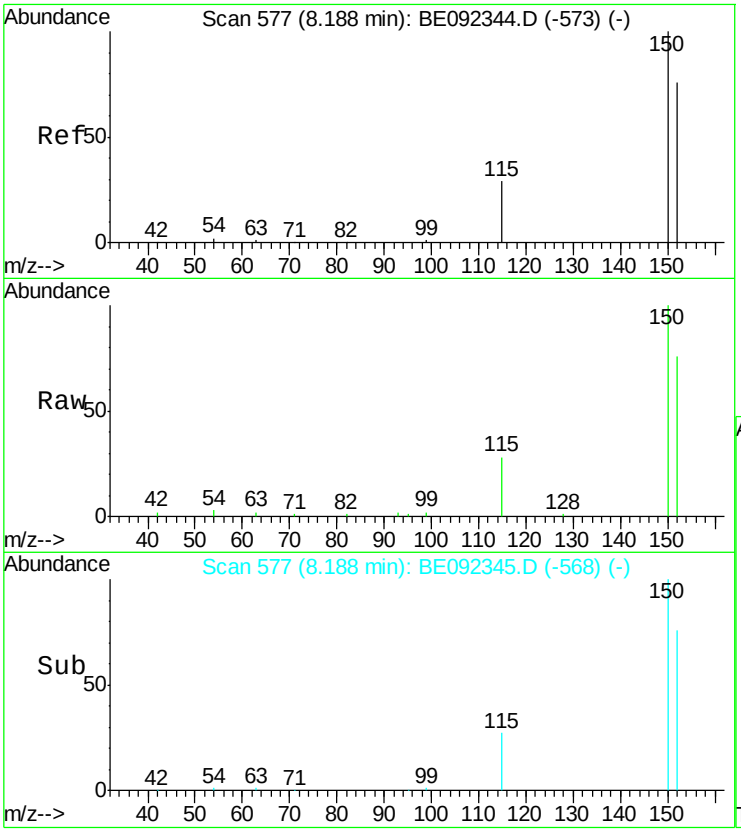
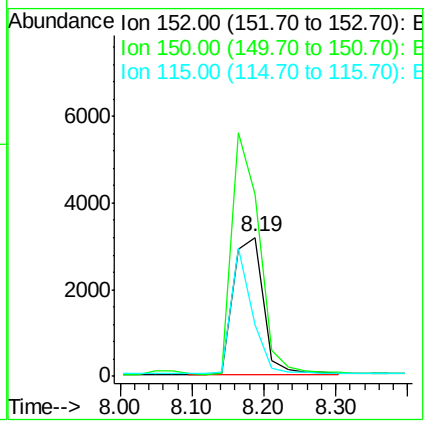




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.19 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:152 Resp: 9087

Ion	Ratio	Lower	Upper
152	100		
150	131.4	106.0	159.0
115	37.2	31.2	46.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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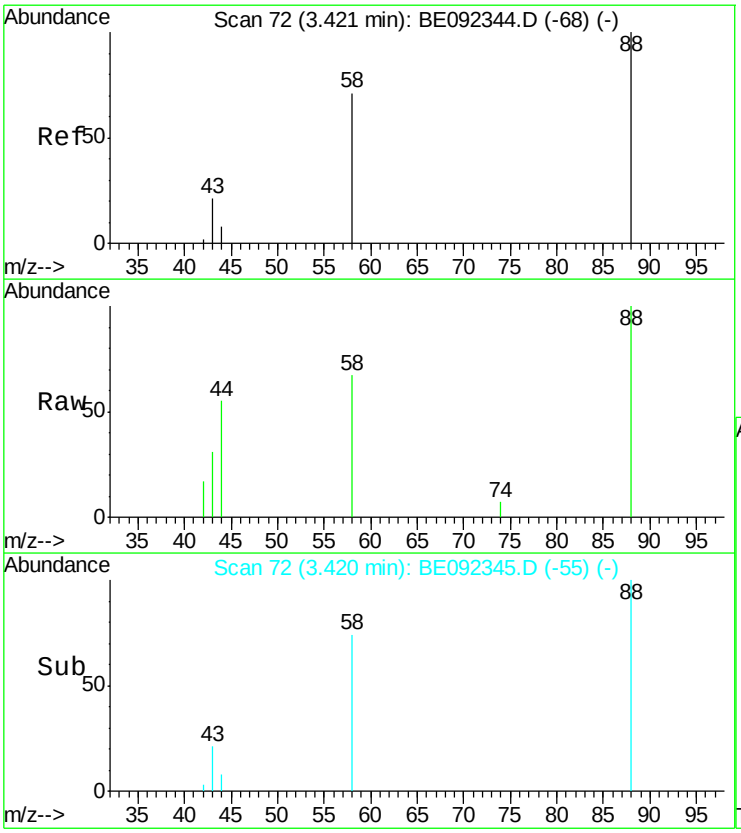
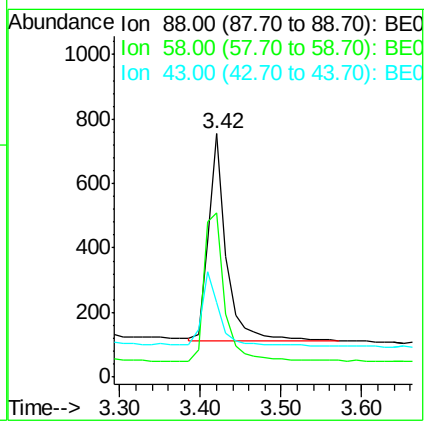
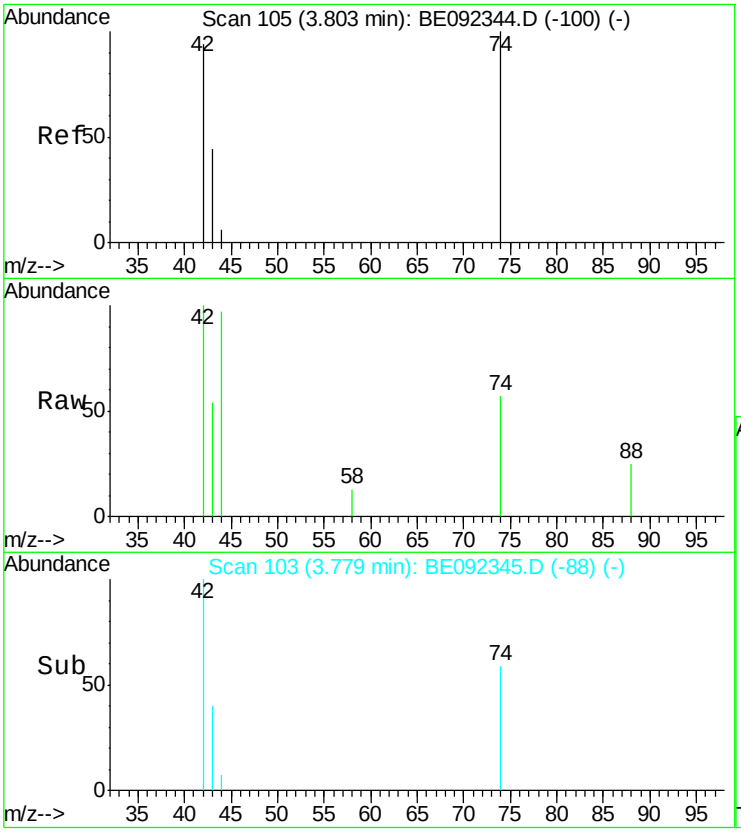


#2
1,4-Dioxane
Concen: 0.65 ng
RT: 3.42 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion: 88 Resp: 986

Ion	Ratio	Lower	Upper
88	100		
58	82.9	63.6	95.4
43	37.6	28.0	42.0

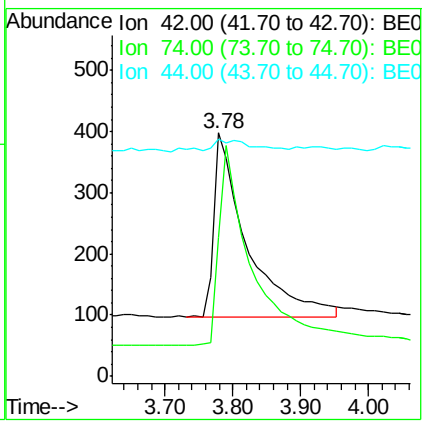




#3
n-Nitrosodimethylamine
Concen: 0.99 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.02 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion: 42 Resp: 1025

Ion	Ratio	Lower	Upper
42	100		
74	109.6	86.0	129.0
44	6.9	5.1	7.7



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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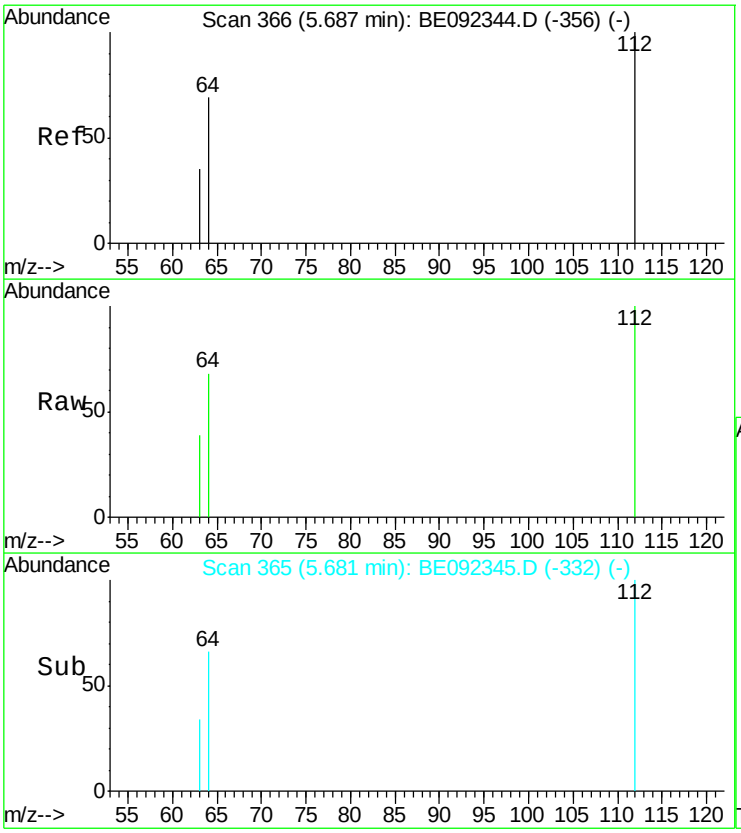
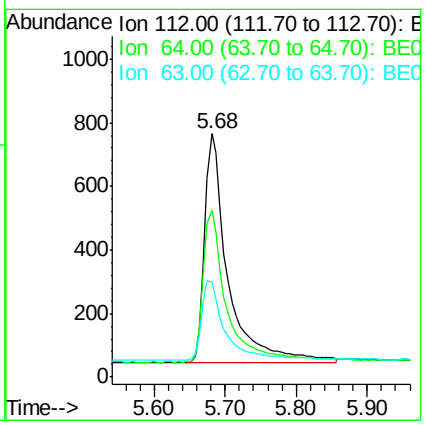
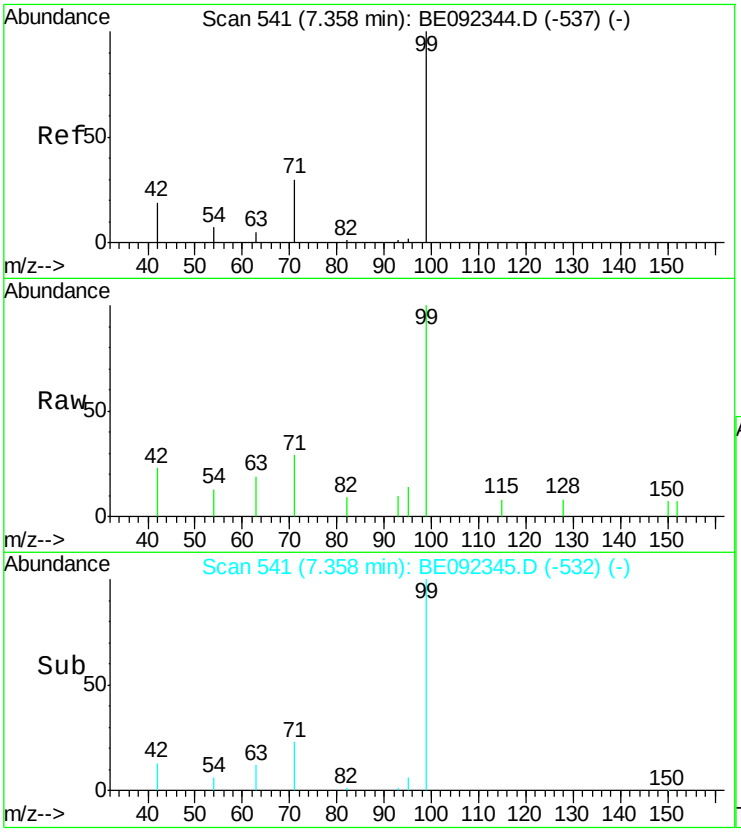


#4
2-Fluorophenol
Concen: 0.81 ng
RT: 5.68 min Scan# 365
Delta R.T. -0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:112 Resp: 1657

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.5	80.3
63	34.2	27.9	41.9





#5
Phenol-d6
Concen: 0.82 ng
RT: 7.36 min Scan# 541
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion: 99 Resp: 2142

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

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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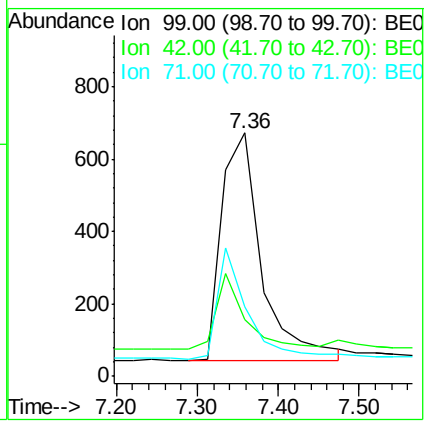
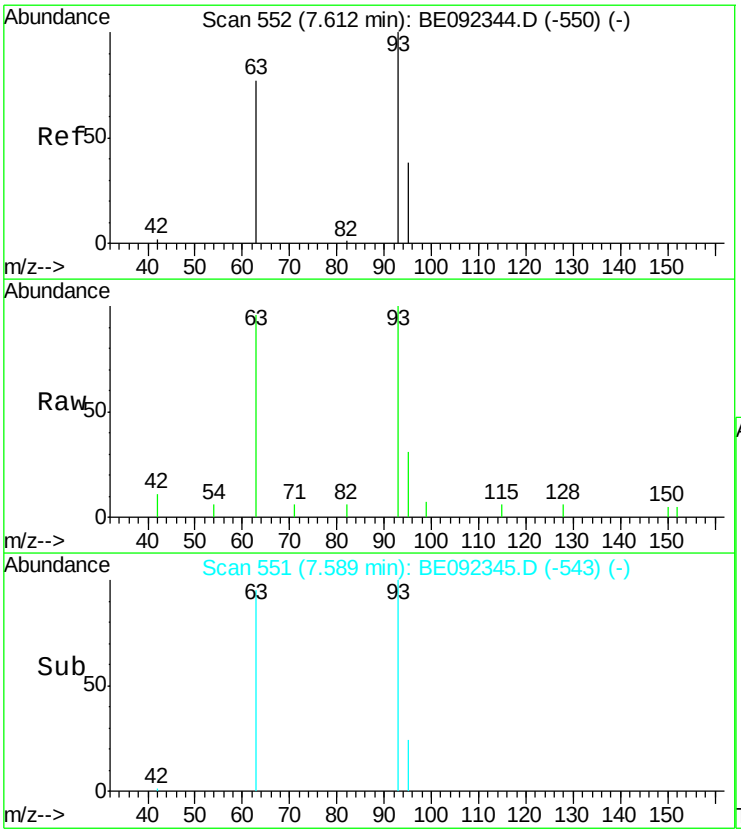
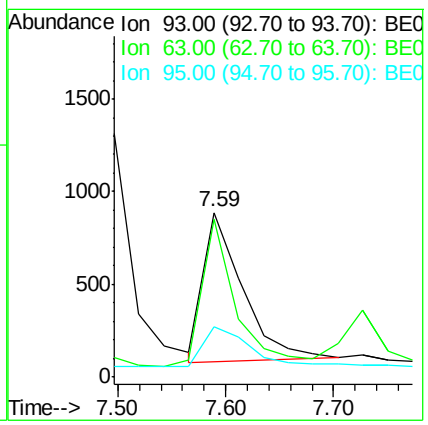


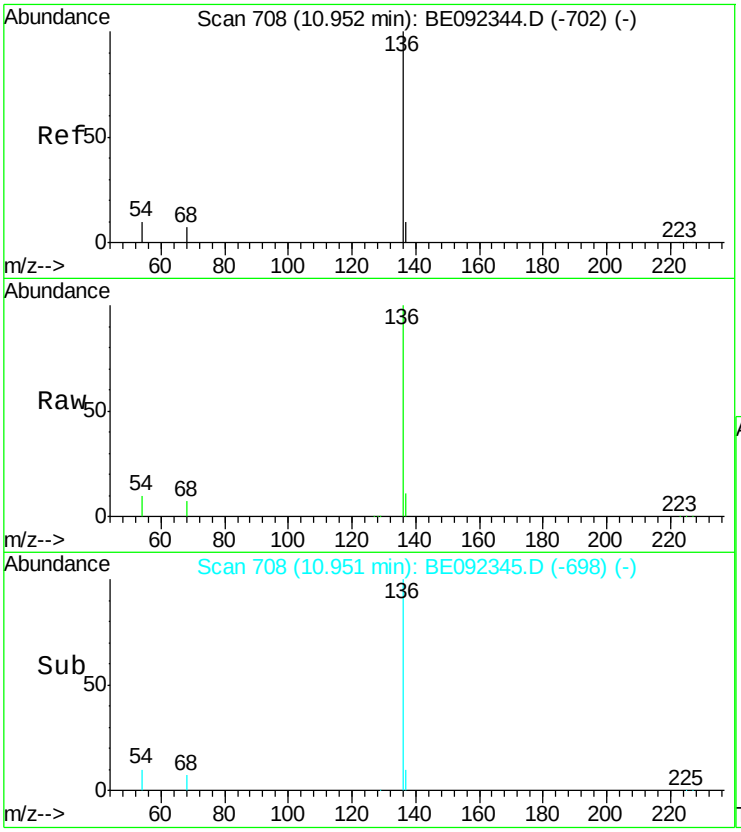


#6
bis(2-Chloroethyl)ether
Concen: 0.99 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.02 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion: 93 Resp: 2016

Ion	Ratio	Lower	Upper
93	100		
63	86.3	71.6	107.4
95	33.4	0.0	0.0#

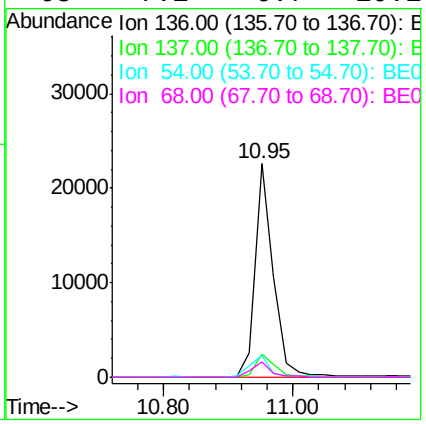




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:136 Resp: 44027

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.2	12.4
54	9.9	9.6	14.4
68	7.1	6.7	10.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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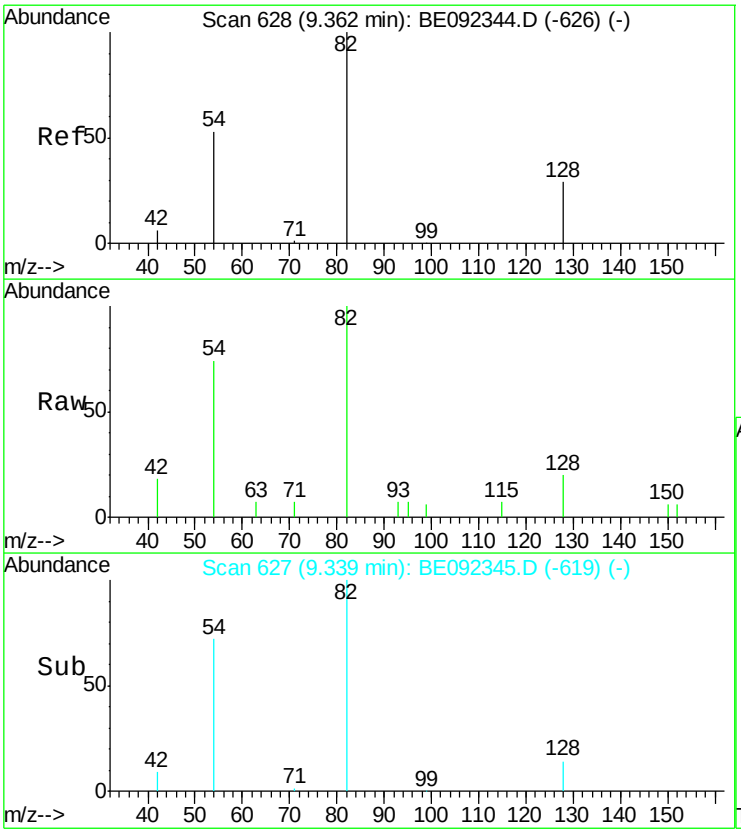
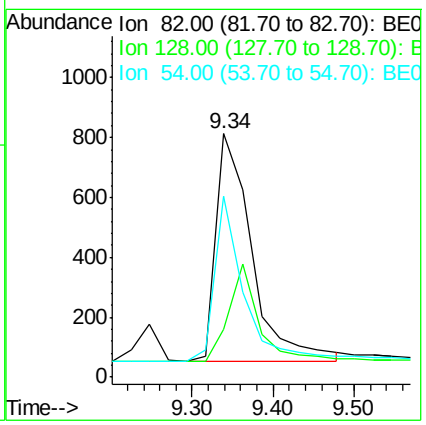
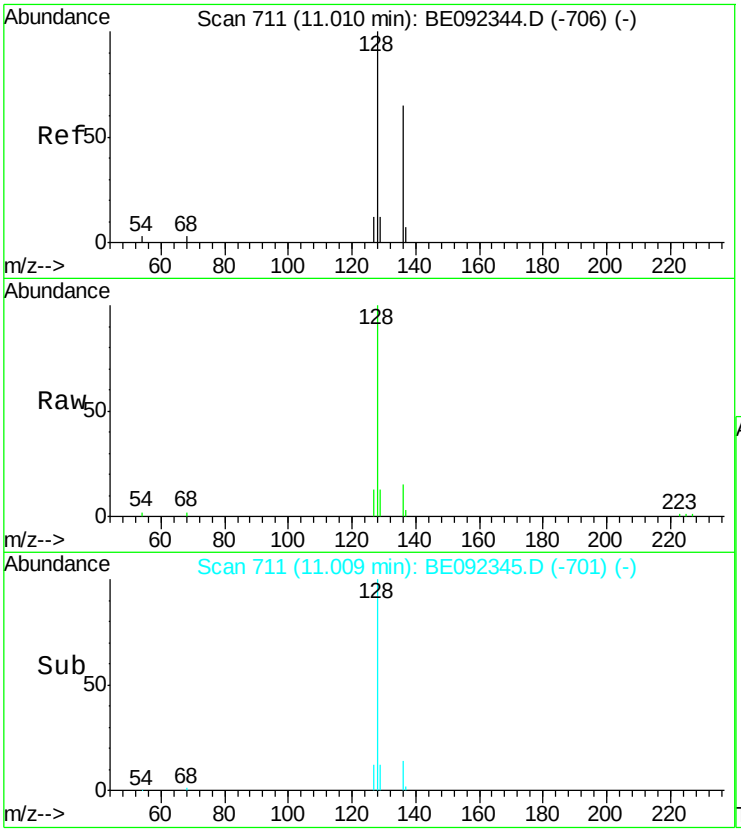


#8
Nitrobenzene-d5
Concen: 0.76 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion: 82 Resp: 2337

Ion	Ratio	Lower	Upper
82	100		
128	19.6	39.0	58.4#
54	74.0	44.8	67.2#

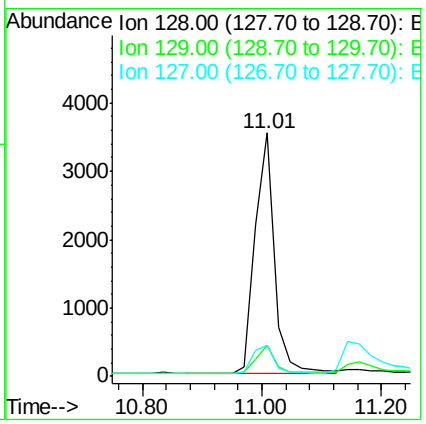




#9
Naphthalene
Concen: 0.75 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:128 Resp: 7794

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.2	16.8
127	12.7	11.6	17.4



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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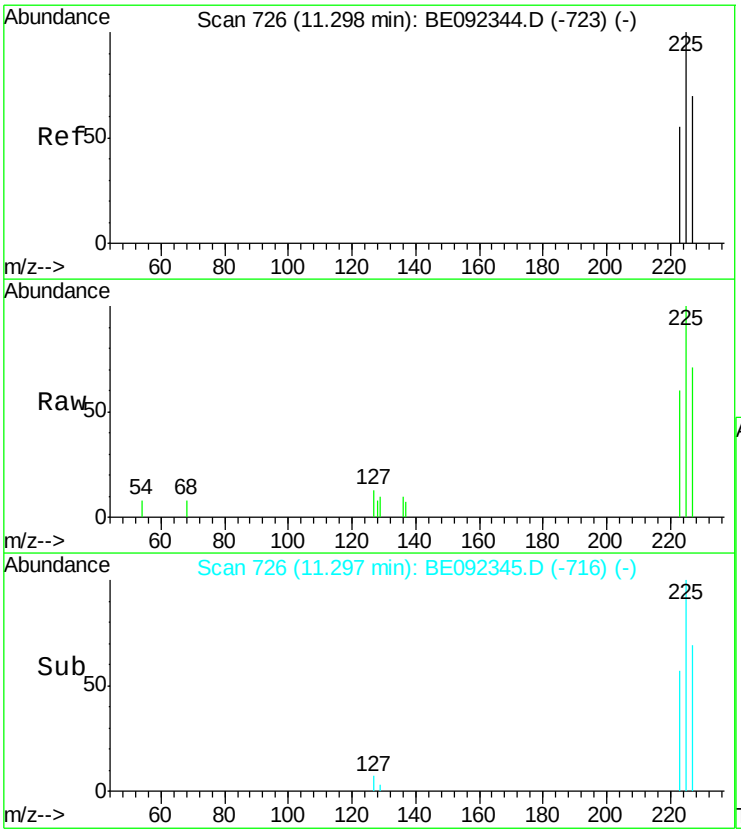
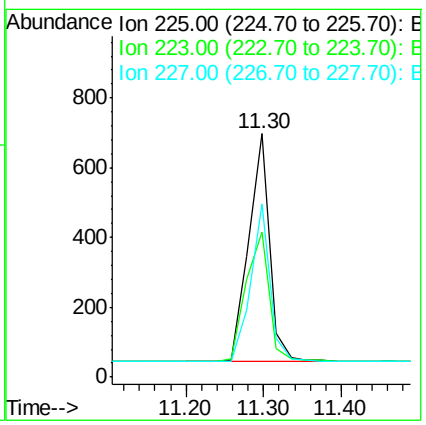
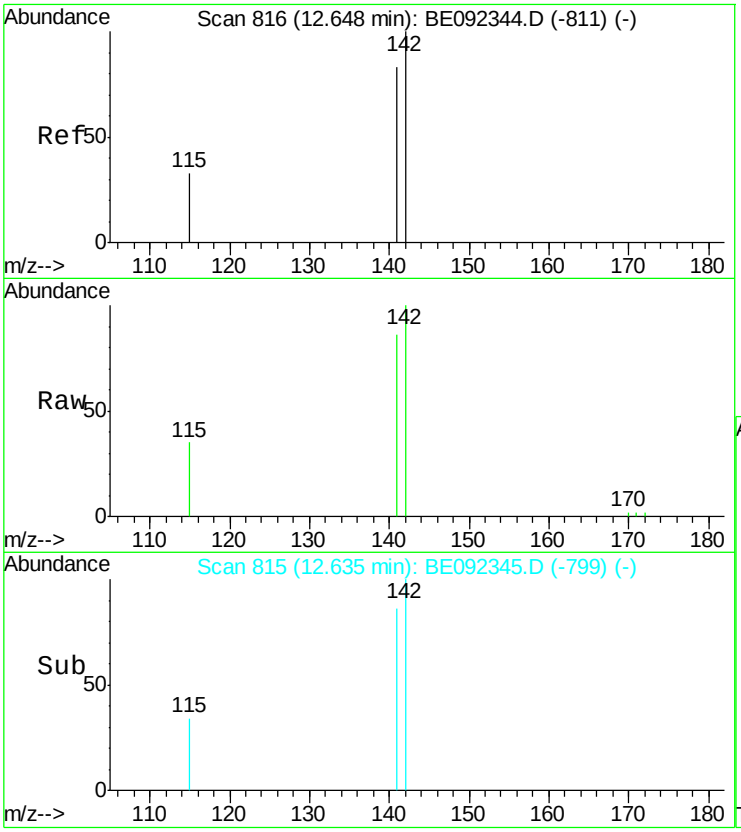


#10
Hexachlorobutadiene
Concen: 0.75 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:225 Resp: 1230

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	64.1	51.4	77.0

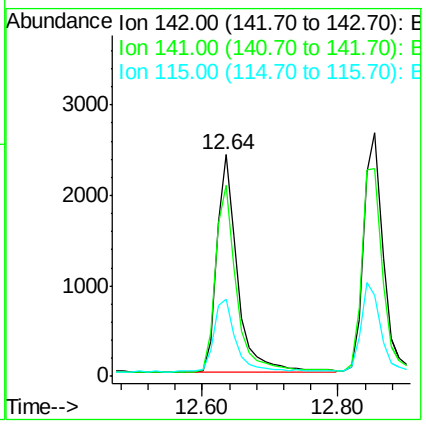




#11
2-Methylnaphthalene
Concen: 0.79 ng
RT: 12.64 min Scan# 815
Delta R.T. -0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:142 Resp: 5114

Ion	Ratio	Lower	Upper
142	100		
141	86.2	73.7	110.5
115	35.1	34.0	51.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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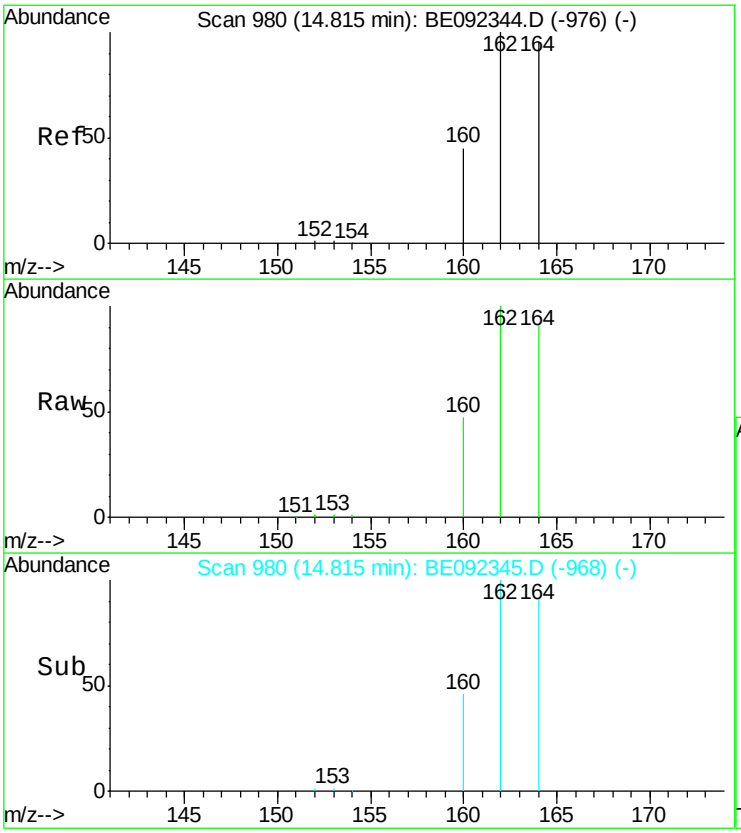
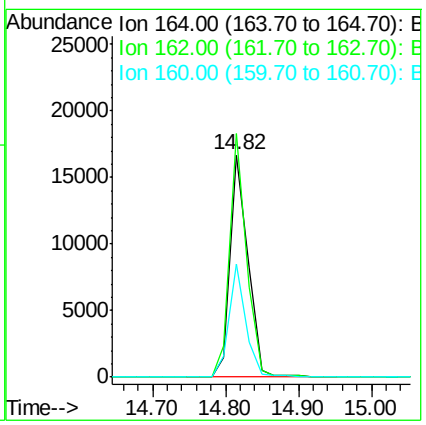
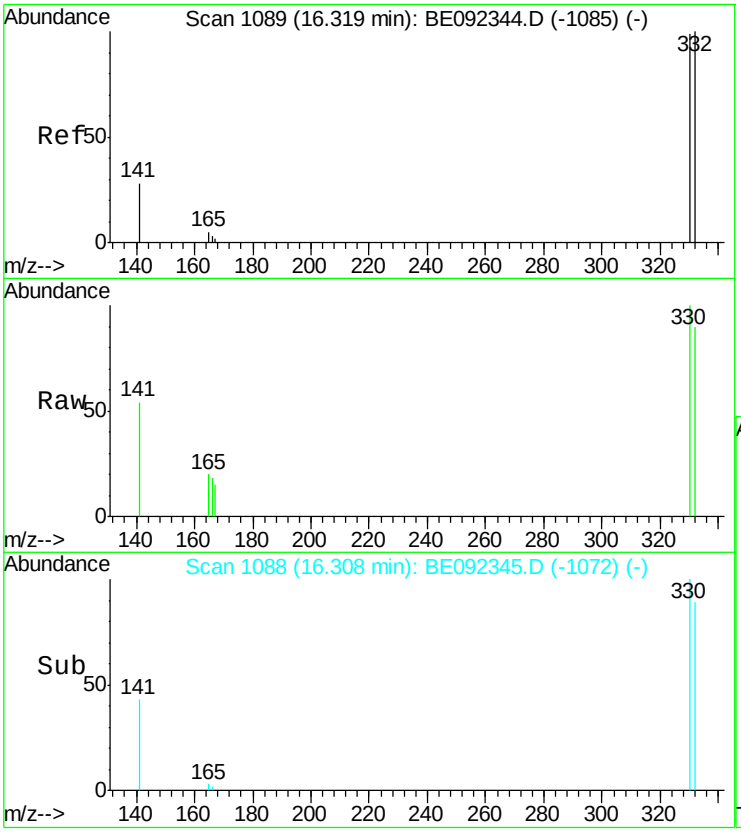


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:164 Resp: 27523

Ion	Ratio	Lower	Upper
164	100		
162	109.4	71.4	107.0#
160	50.9	27.4	41.2#





#13
2,4,6-Tribromophenol
Concen: 0.85 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:330 Resp: 667

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.0
141	40.2	31.0	46.6

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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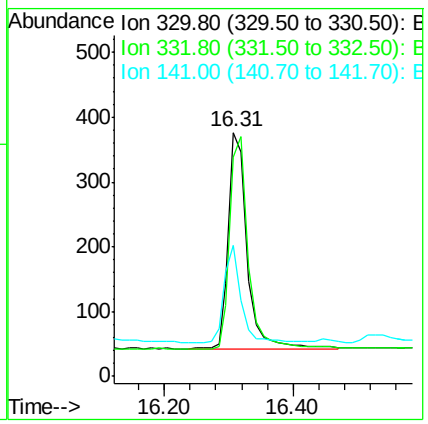
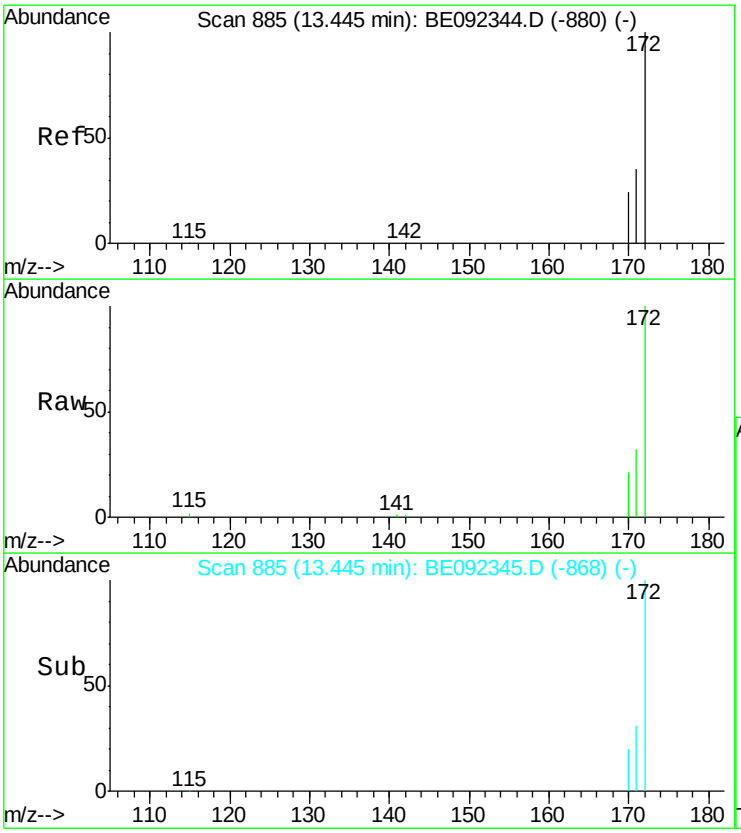
9/6/2016 1:15:14 PM

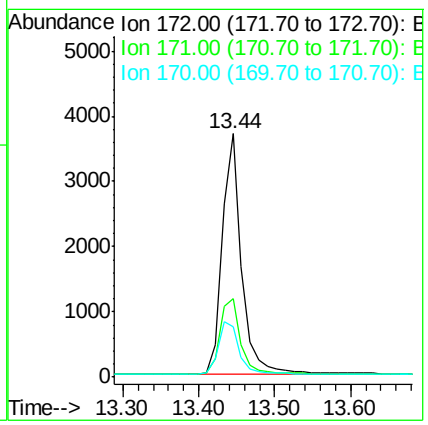


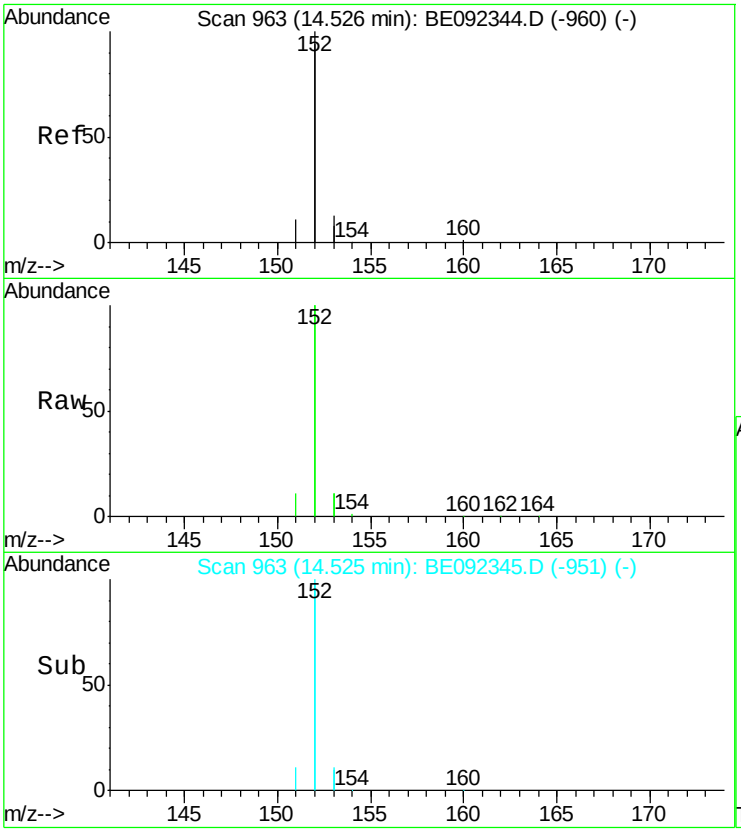


#14
2-Fluorobiphenyl
Concen: 0.76 ng
RT: 13.44 min Scan# 885
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:172 Resp: 6610

Ion	Ratio	Lower	Upper
172	100		
171	32.1	30.1	45.1
170	20.6	21.8	32.6#

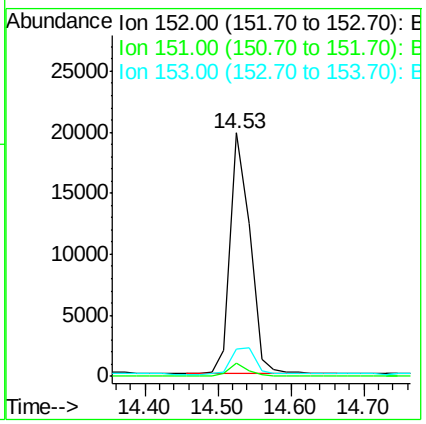




#15
Acenaphthylene
Concen: 0.78 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:152 Resp: 36897

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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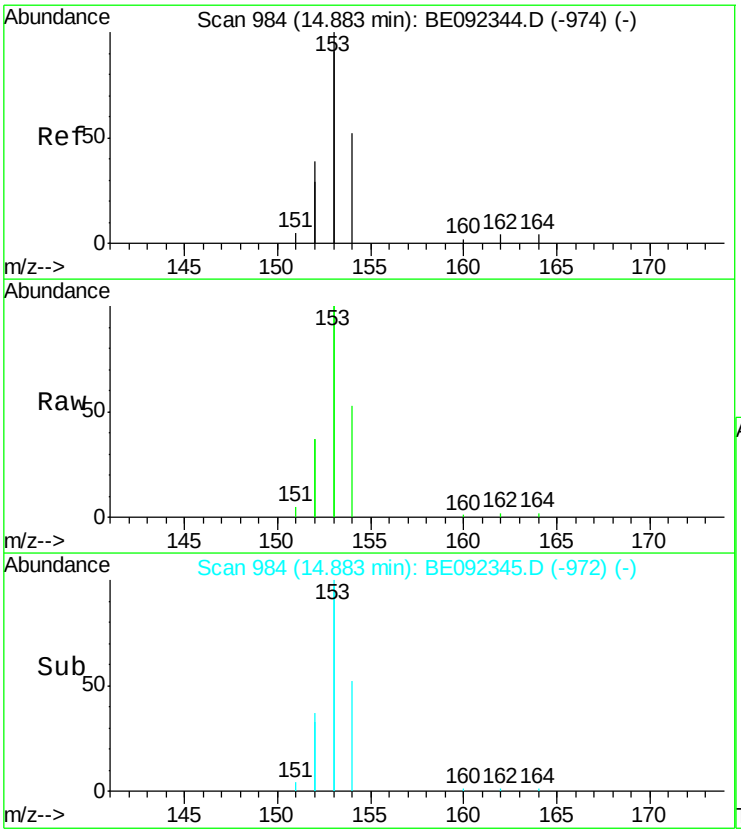
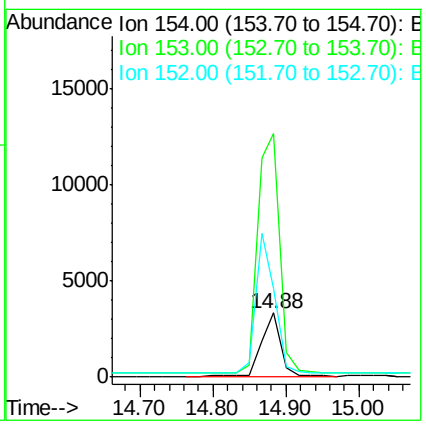
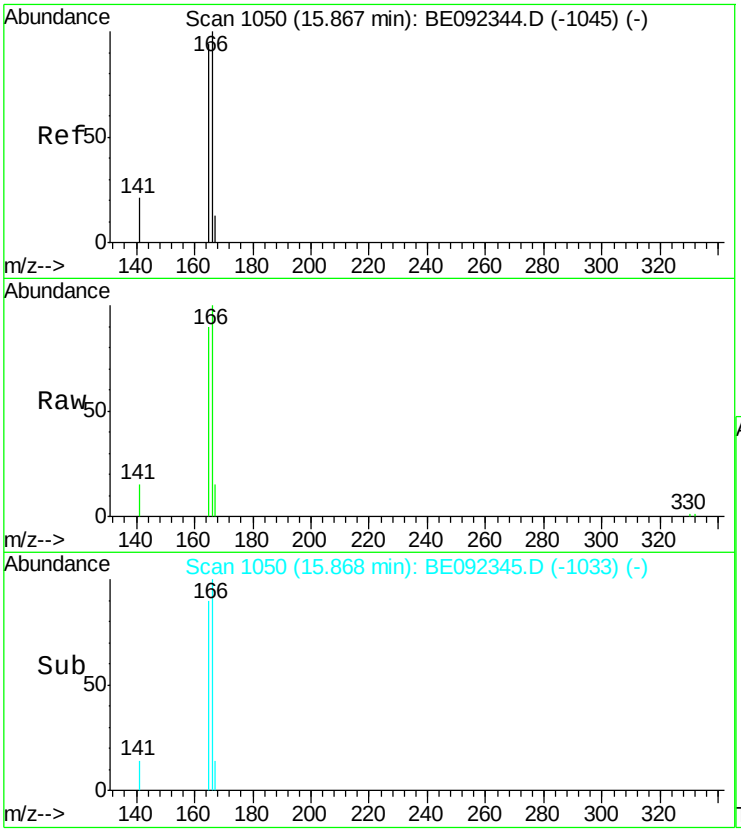


#16
Acenaphthene
Concen: 0.71 ng
RT: 14.88 min Scan# 984
Delta R.T. -0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:154 Resp: 5883

Ion	Ratio	Lower	Upper
154	100		
153	444.4	350.8	526.2
152	221.1	171.1	256.7





#17
Fluorene
Concen: 0.78 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:166 Resp: 7552

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.2	117.4
167	13.8	11.0	16.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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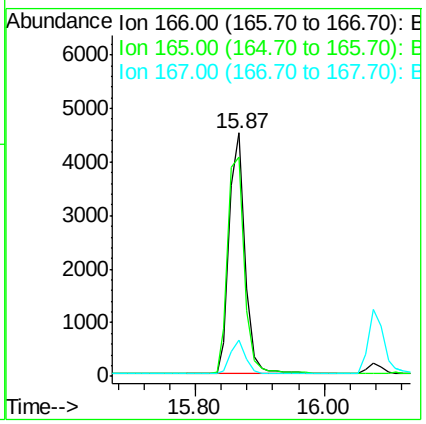
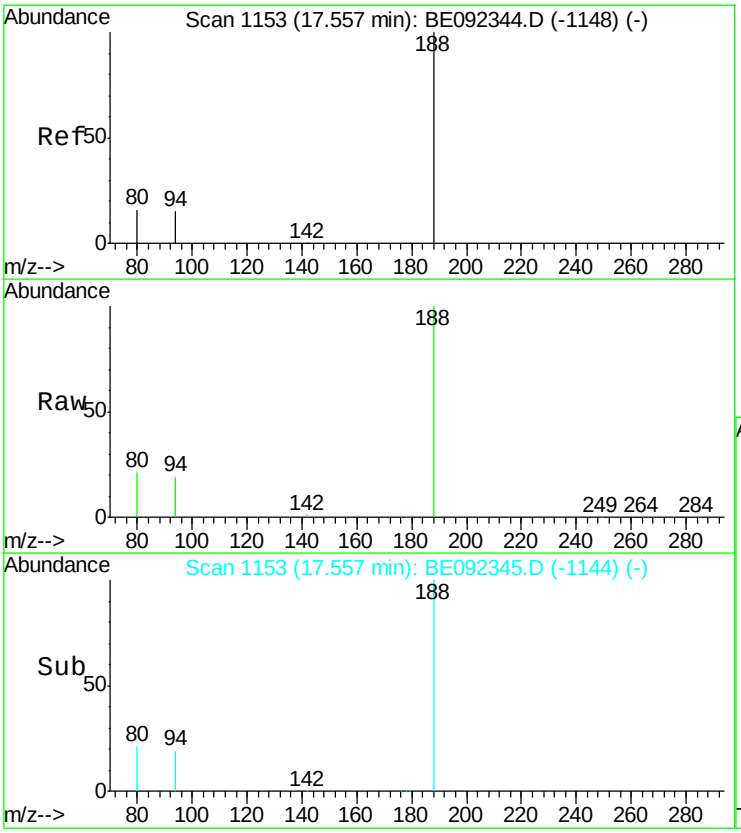
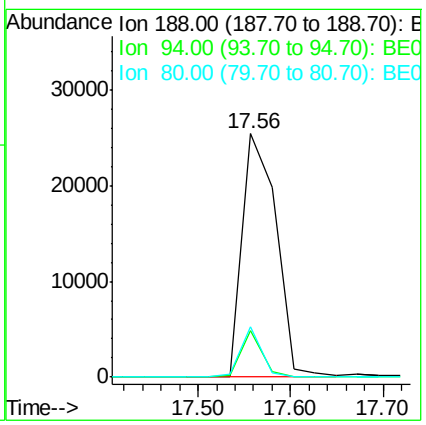


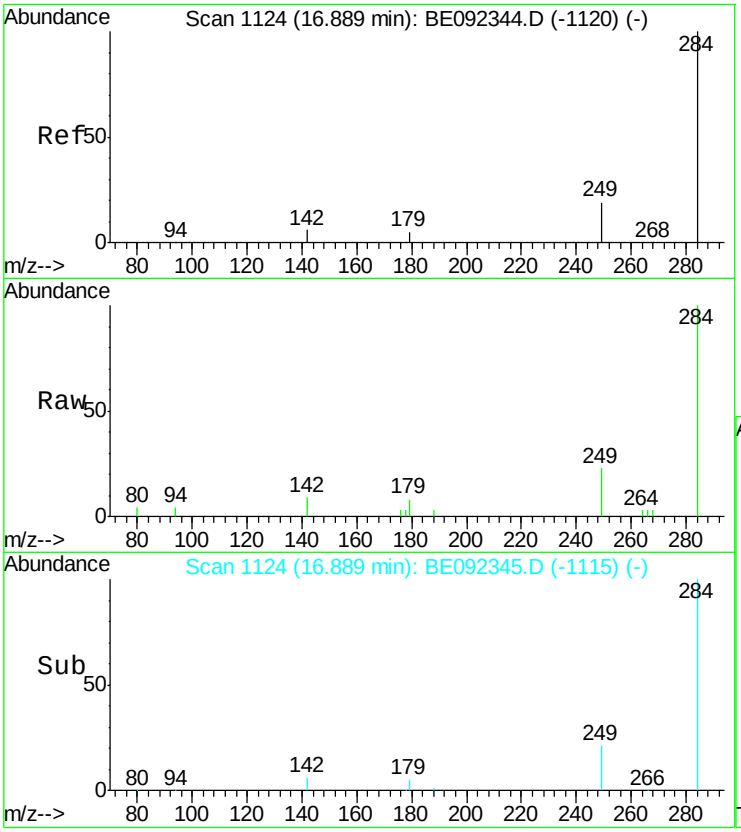


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:188 Resp: 64375

Ion	Ratio	Lower	Upper
188	100		
94	19.1	3.2	4.8#
80	20.8	2.6	3.8#

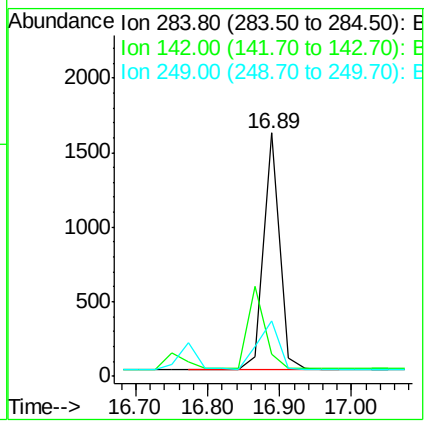




#19
Hexachlorobenzene
Concen: 0.78 ng
RT: 16.89 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:284 Resp: 2455

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	27.7	27.9	41.9#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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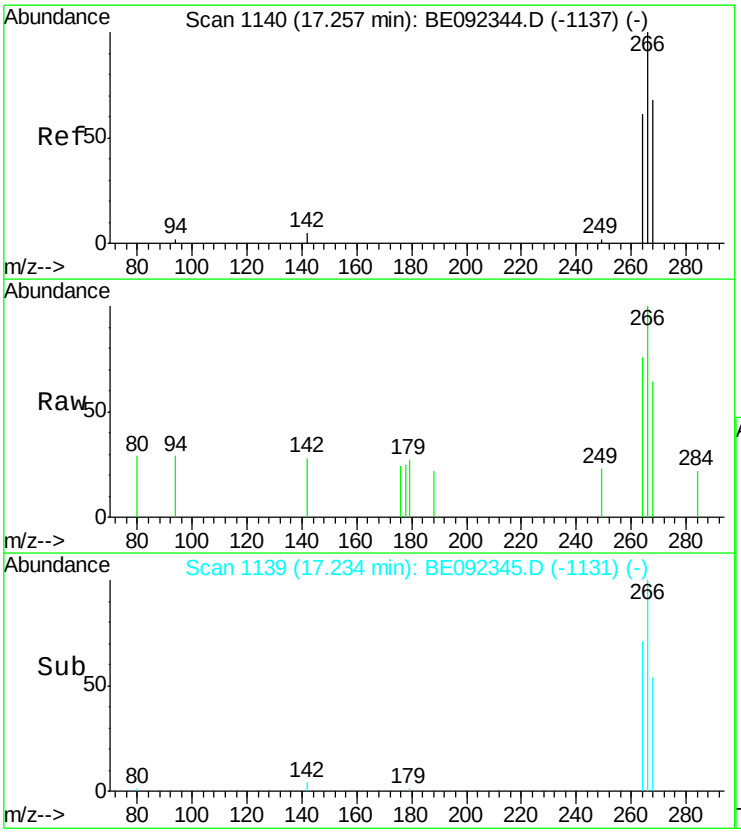
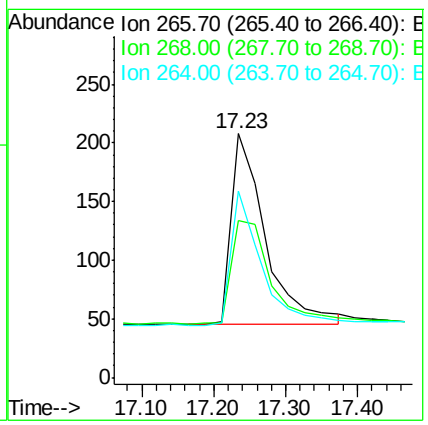
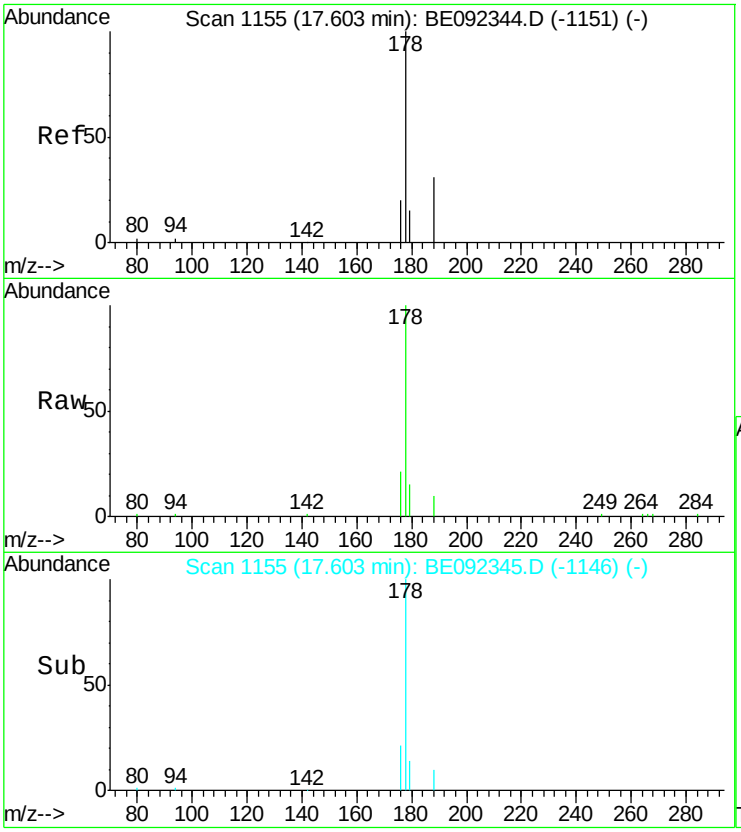


#20
Pentachlorophenol
Concen: 1.04 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:266 Resp: 536

Ion	Ratio	Lower	Upper
266	100		
268	64.4	62.5	93.7
264	76.4	57.2	85.8

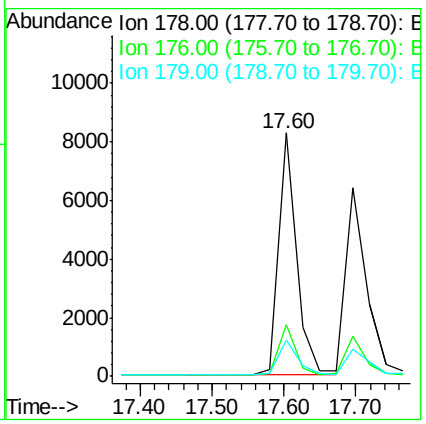




#21
Phenanthrene
Concen: 0.75 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:178 Resp: 14270

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	0.0	0.0#



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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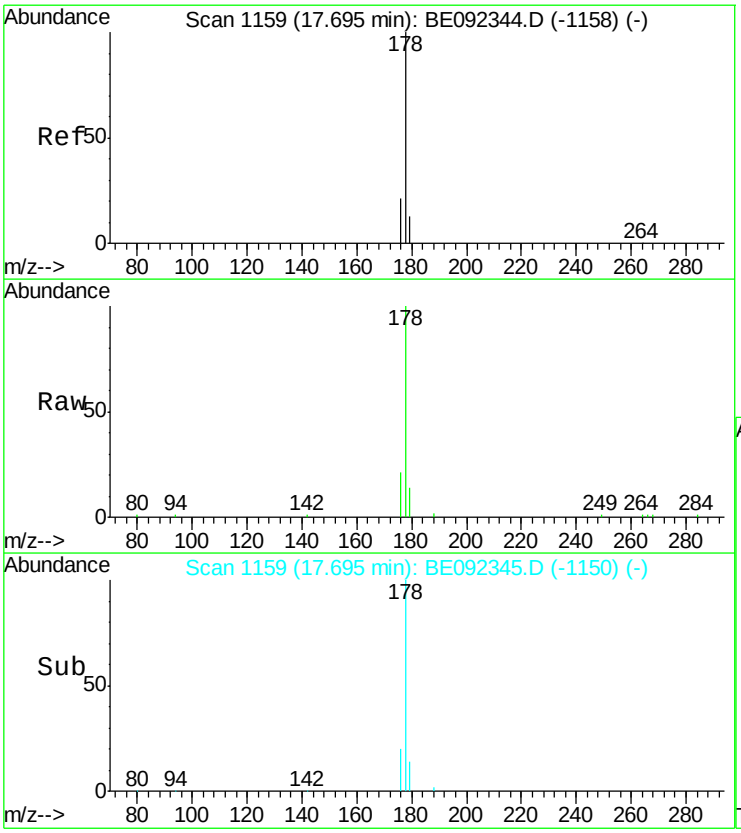
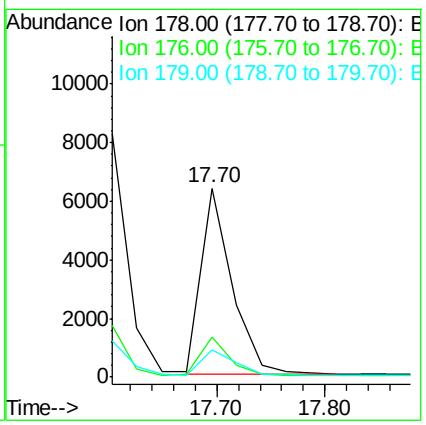
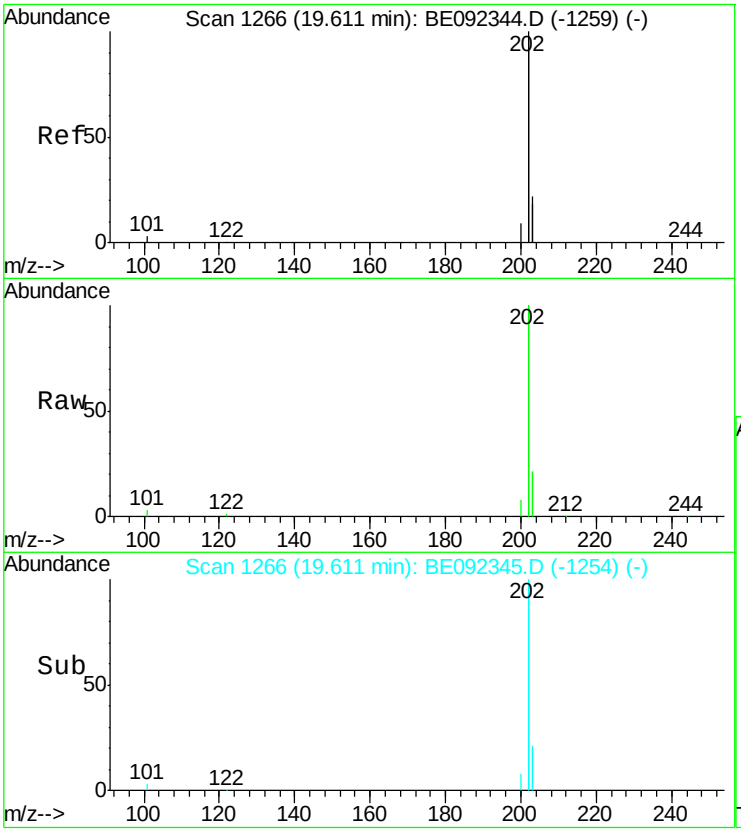


#22
Anthracene
Concen: 0.86 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:178 Resp: 12673

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	14.7	12.2	18.2





#23
Fluoranthene
Concen: 0.80 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:202 Resp: 62238

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

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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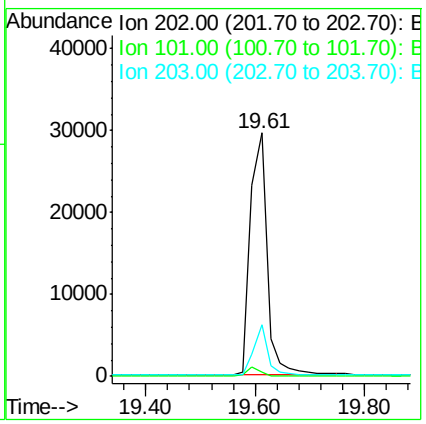
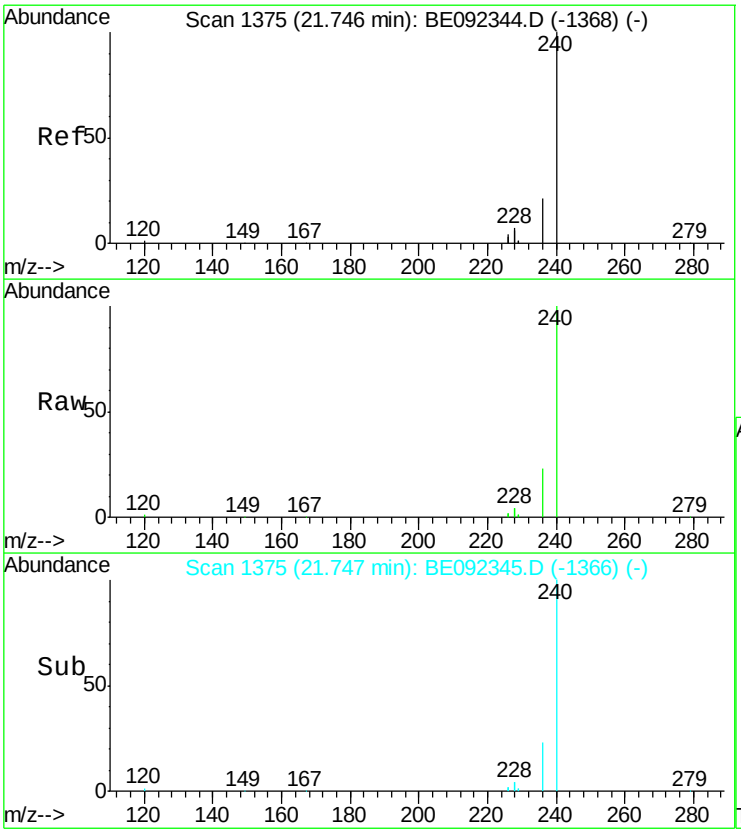
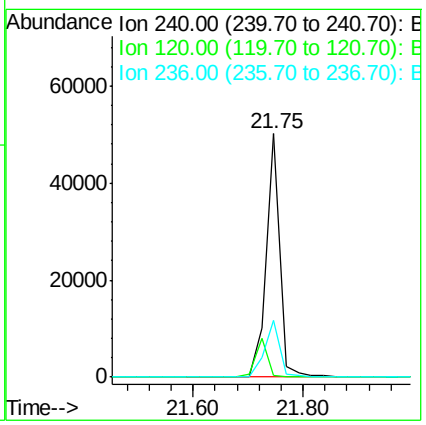


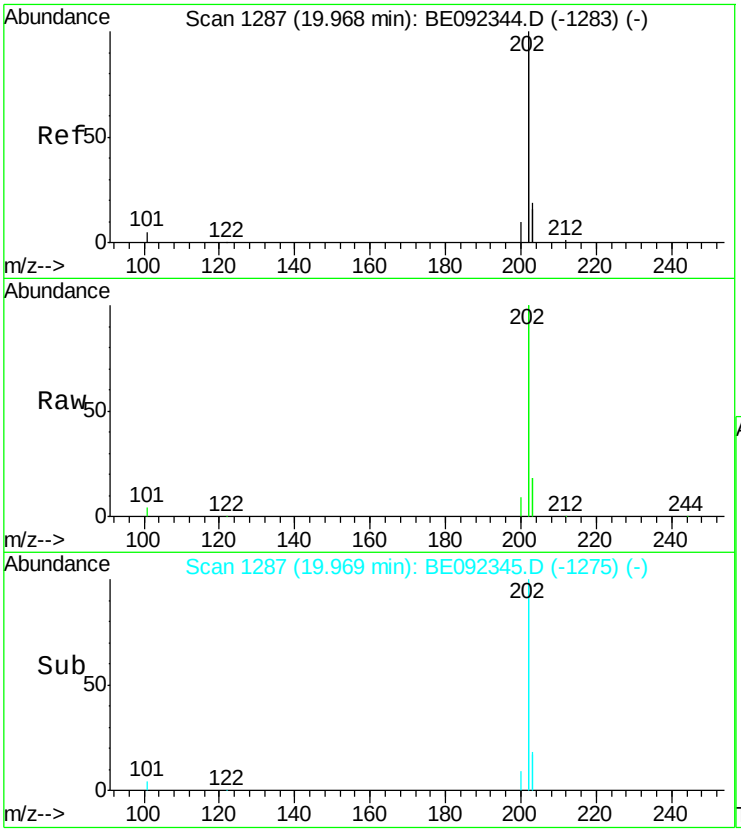


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:240 Resp: 86531

Ion	Ratio	Lower	Upper
240	100		
120	0.9	2.6	4.0#
236	23.1	24.6	37.0#





#25
Pyrene
Concen: 0.76 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:202 Resp: 68799

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.3	13.9	20.9

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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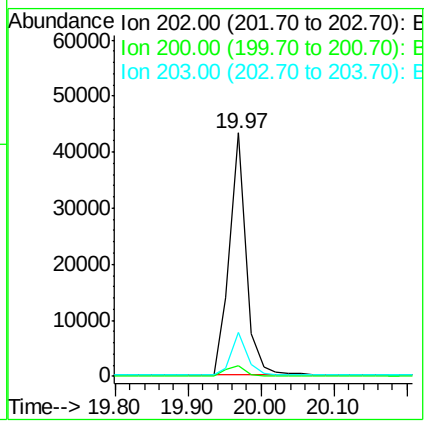
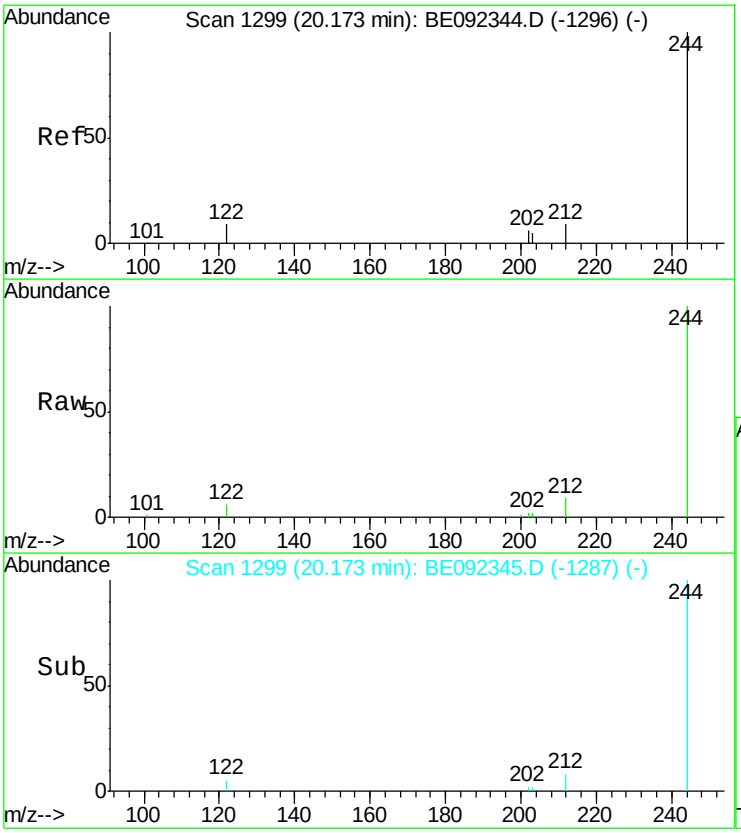
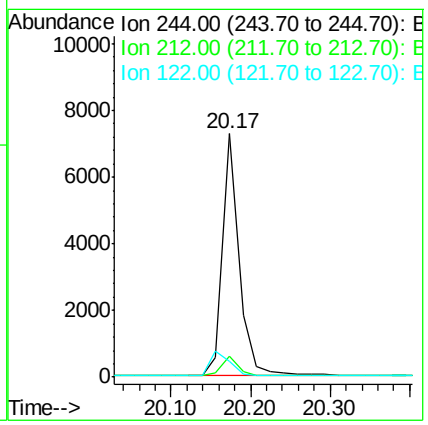


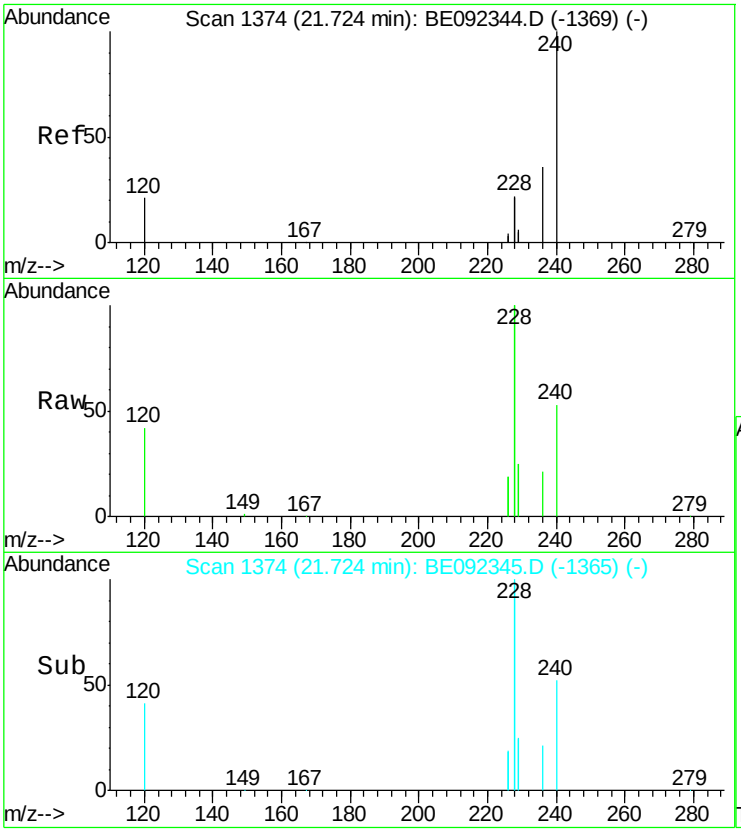


#26
Terphenyl-d14
Concen: 0.75 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:244 Resp: 10450

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	6.4	3.6	5.4#





#27
Benzo(a)anthracene
Concen: 0.68 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:228 Resp: 71039

Ion	Ratio	Lower	Upper
228	100		
226	18.8	23.6	35.4#
229	24.9	13.3	19.9#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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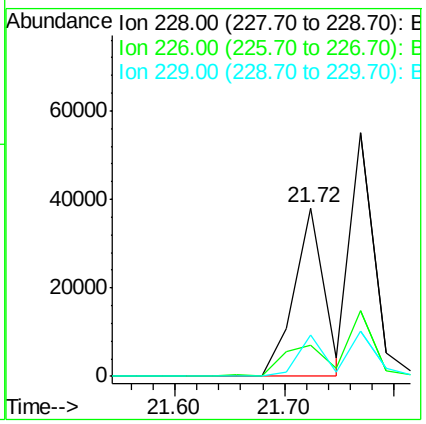
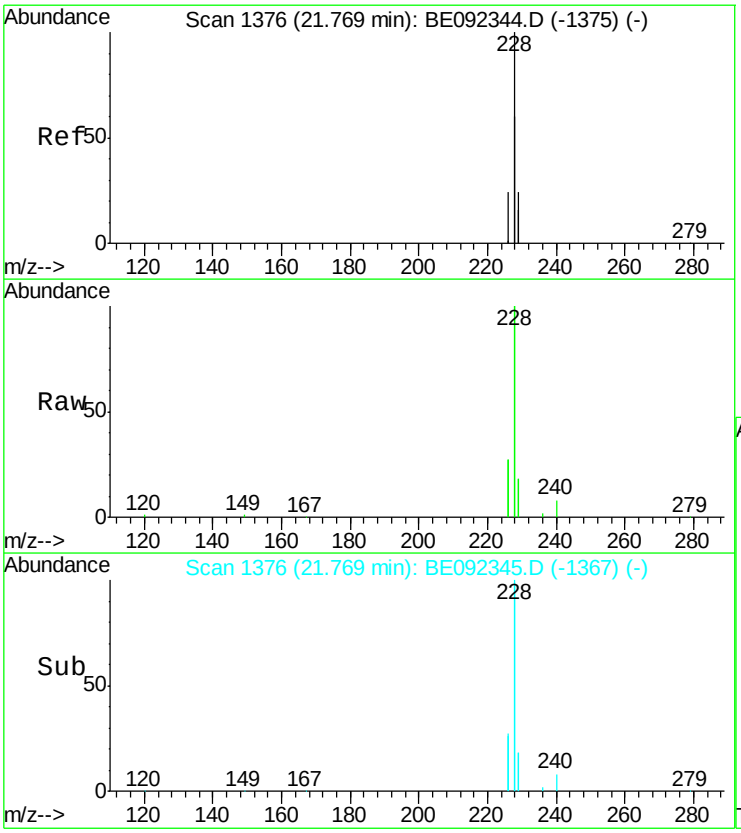
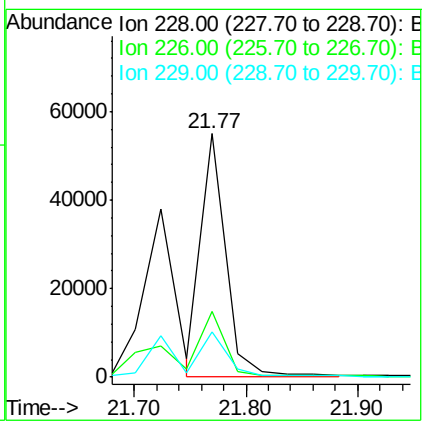


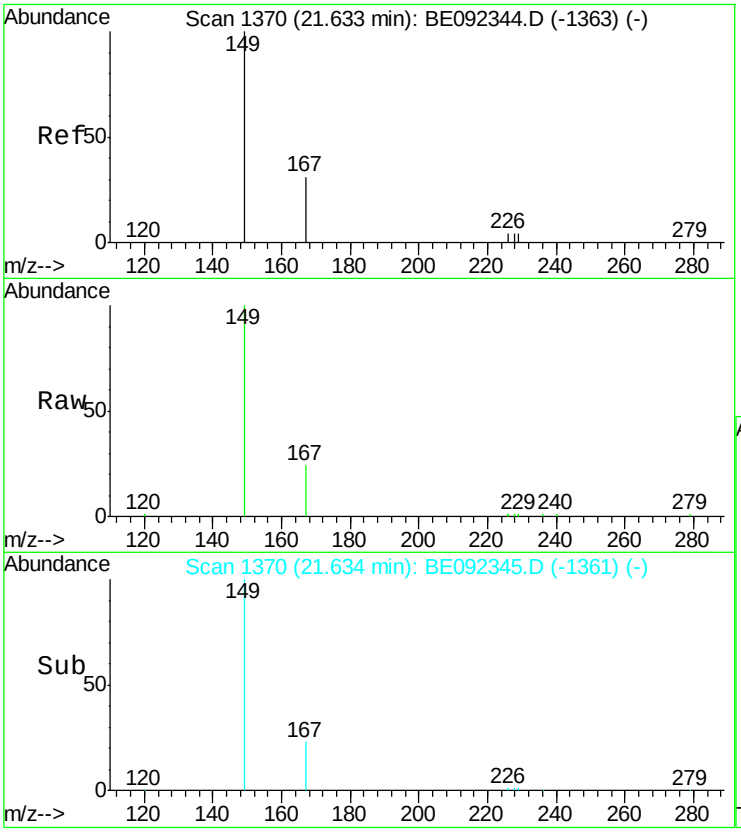


#28
Chrysene
Concen: 0.84 ng m
RT: 21.77 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:228 Resp: 84488

Ion	Ratio	Lower	Upper
228	100		
226	26.9	36.3	54.5#
229	18.4	10.6	16.0#





#29
Bis(2-ethylhexyl)phthalate
Concen: 0.83 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:149 Resp: 10194

Ion	Ratio	Lower	Upper
149	100		
167	23.6	16.0	24.0
279	0.0	16.0	24.0#

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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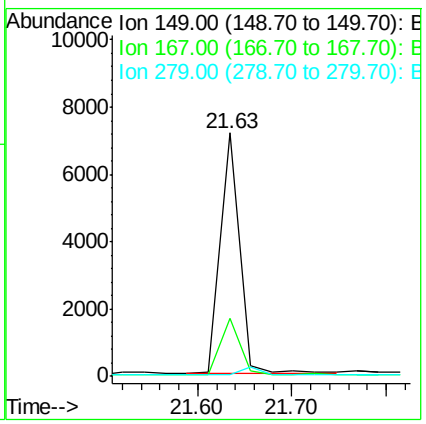
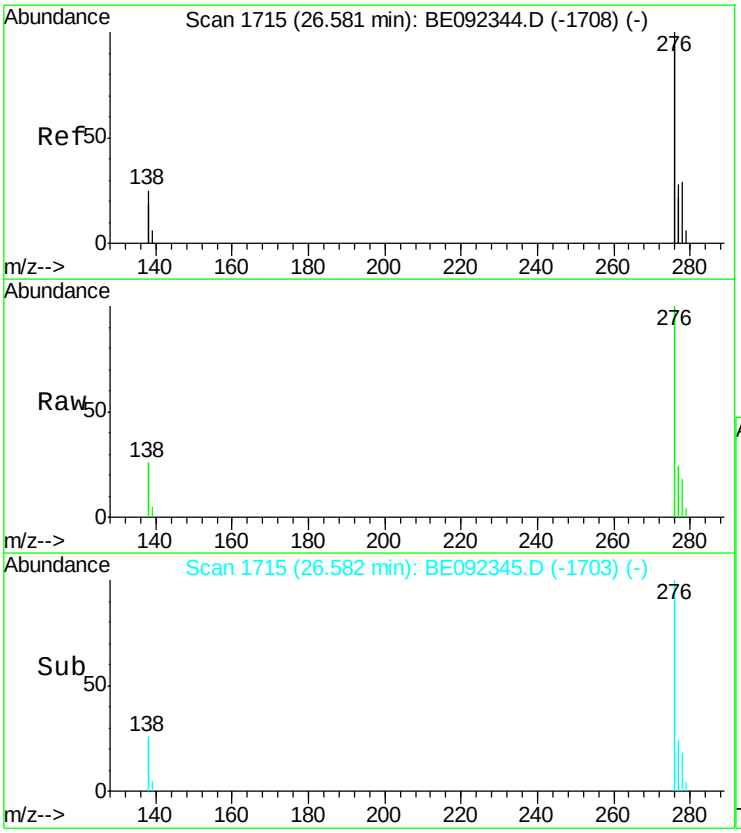
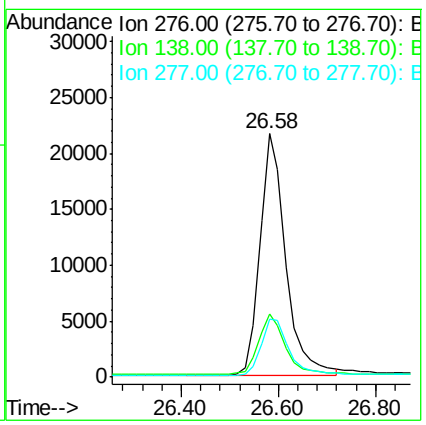


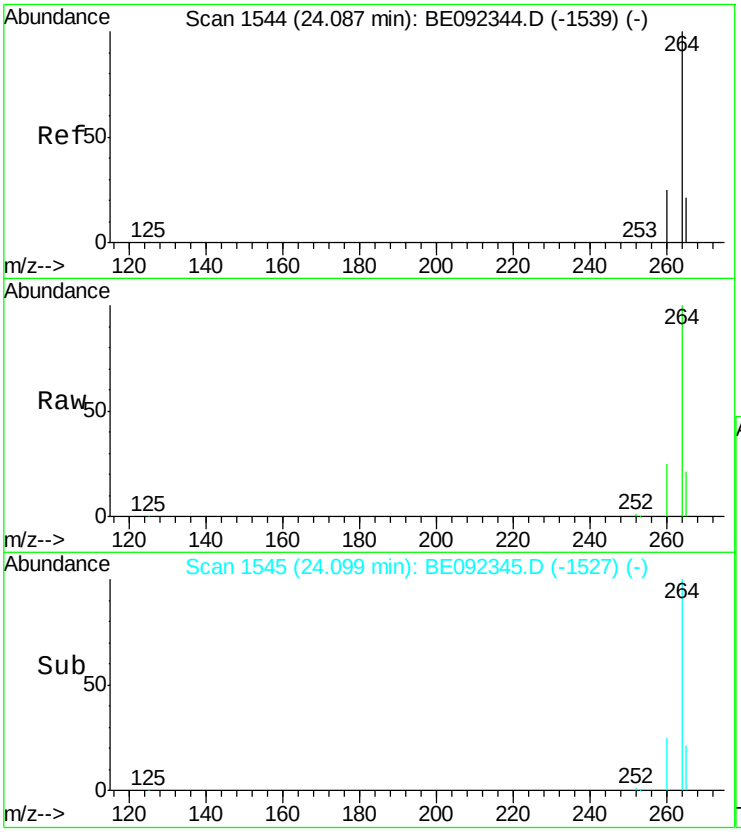


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.74 ng
RT: 26.58 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:276 Resp: 80000

Ion	Ratio	Lower	Upper
276	100		
138	26.3	20.3	30.5
277	24.6	19.7	29.5

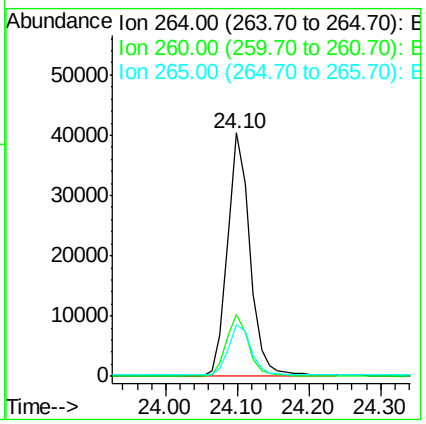




#31
Perylene-d12
Concen: 5.00 ng
RT: 24.10 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:264 Resp: 88008

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.1	30.1
265	21.4	17.9	26.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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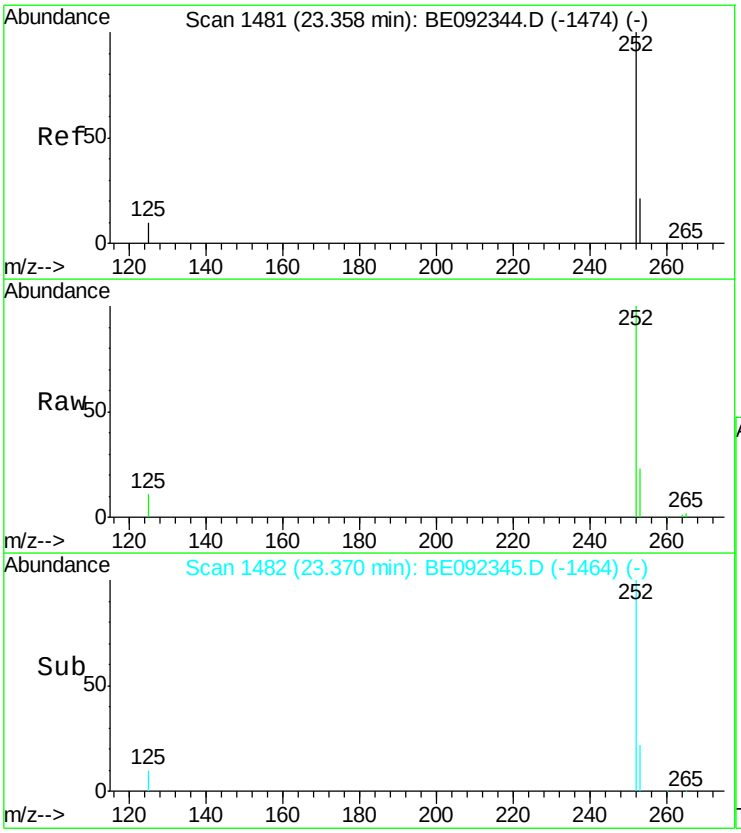
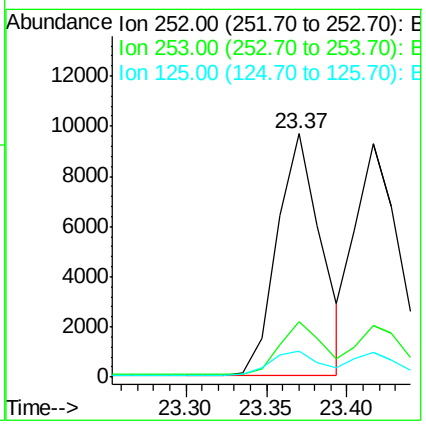
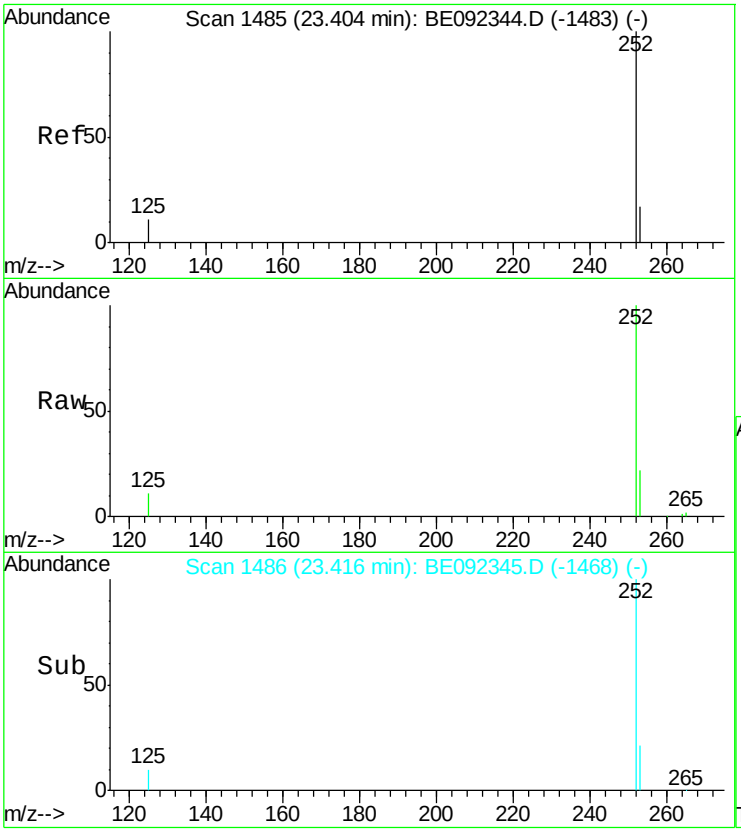


#32
Benzo(b)fluoranthene
Concen: 0.83 ng
RT: 23.37 min Scan# 1482
Delta R.T. 0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:252 Resp: 18353

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.7	28.1
125	10.7	10.5	15.7





#33
Benzo(k)fluoranthene
Concen: 0.74 ng
RT: 23.42 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:252 Resp: 18285

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	10.6	9.6	14.4

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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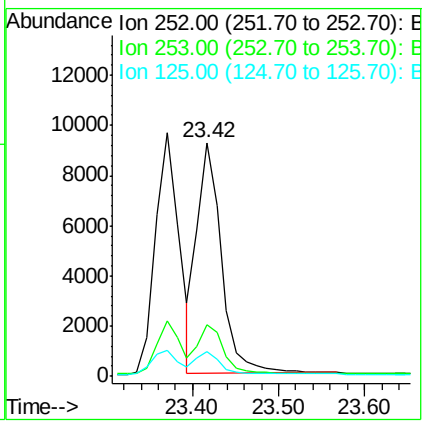
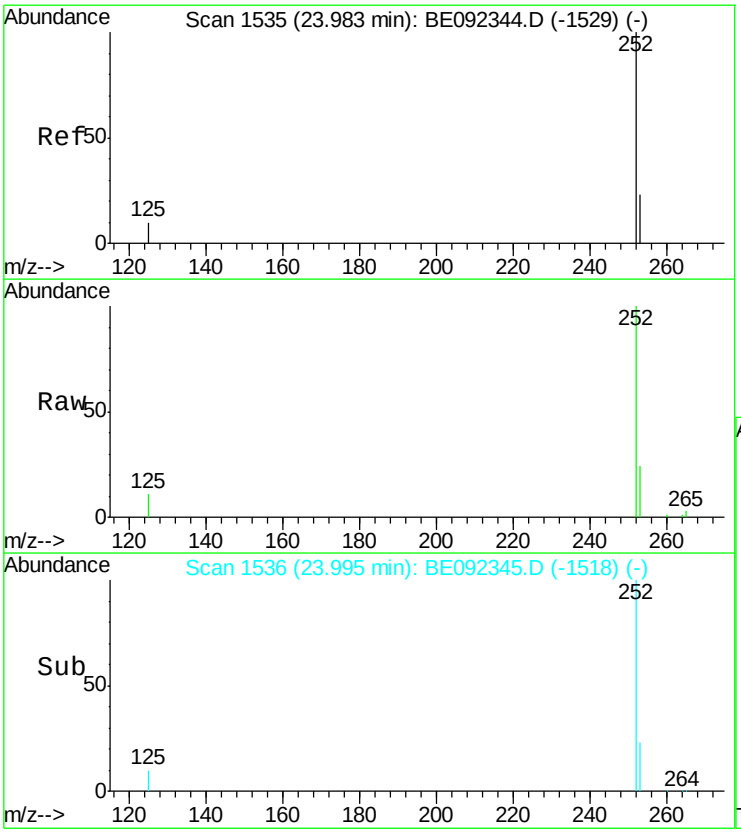
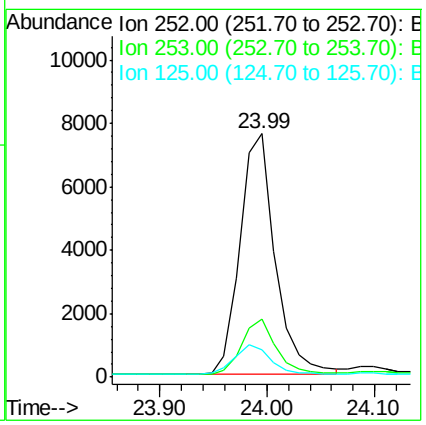


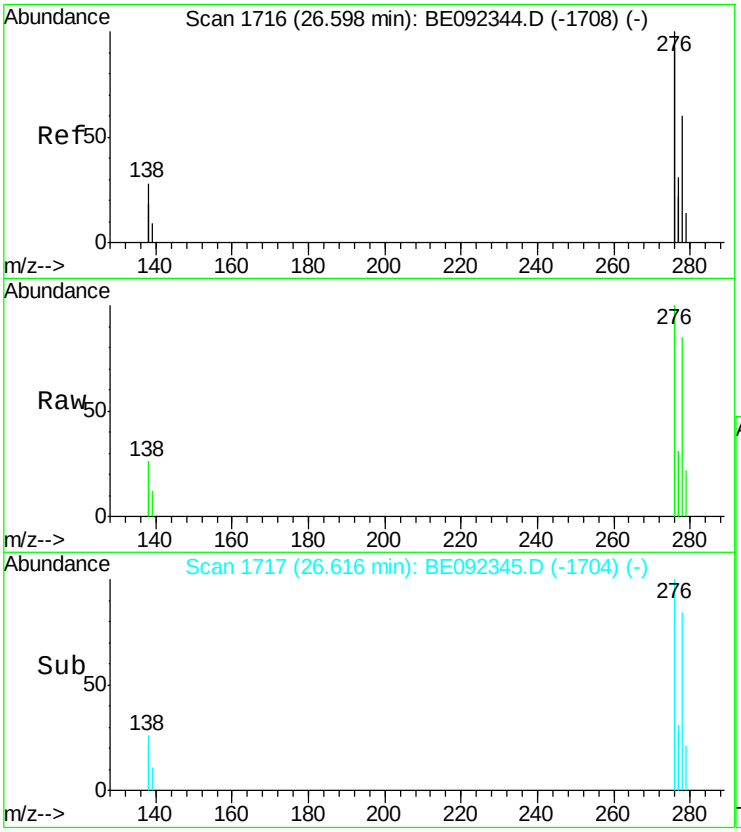


#34
Benzo(a)pyrene
Concen: 0.78 ng
RT: 23.99 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:252 Resp: 17333

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.0	28.6
125	11.5	11.8	17.8#





#35
Dibenzo(a,h)anthracene
Concen: 0.81 ng
RT: 26.62 min Scan# 1717
Delta R.T. 0.02 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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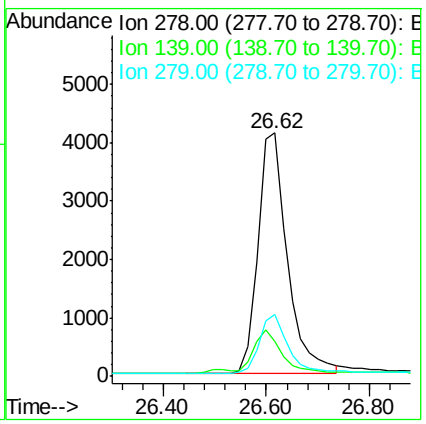
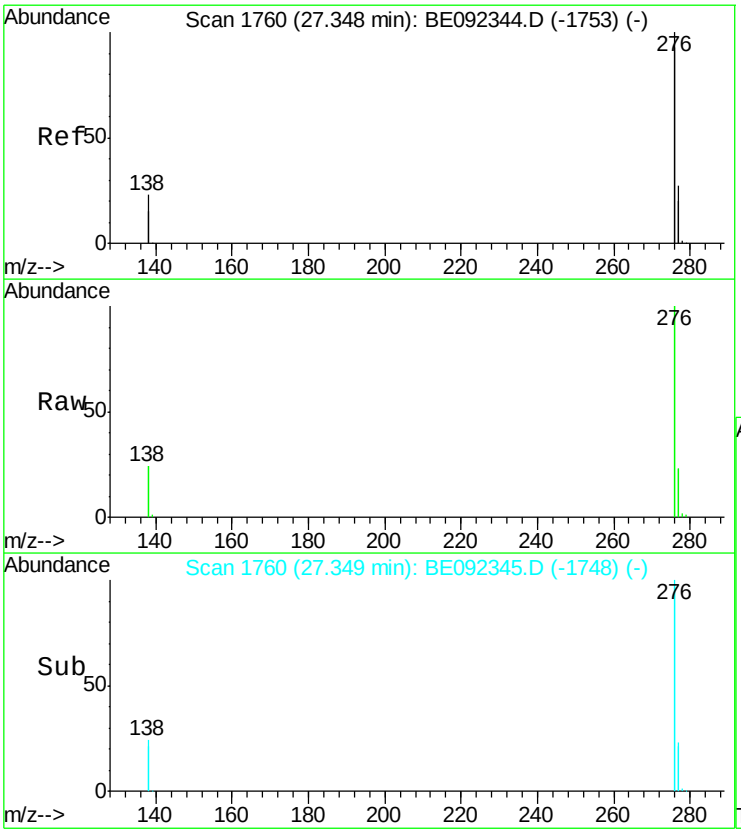
Tgt Ion:278 Resp: 16179

Ion	Ratio	Lower	Upper
278	100		
139	14.5	13.8	20.8
279	25.6	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.77 ng
RT: 27.35 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BE092345.D
Acq: 2 Sep 2016 16:12

Tgt Ion:276 Resp: 67584

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.8	29.8
138	23.8	19.8	29.6