Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\
Data File : BE092975.D
Acq On : 10 May 2017 9:46
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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Quant Time: May 10 11:38:15 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 03:43:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	781	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	3092	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1504	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3837	0.40	ng		0.00
26) Chrysene-d12	21.28	240	4004	0.40	ng		0.00
33) Perylene-d12	23.69	264	3662	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	812	0.37	ng		0.00
5) Phenol-d6	6.94	99	992	0.36	ng		0.00
8) Nitrobenzene-d5	8.90	82	911	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1649	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	132	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2219	0.39	ng		0.00
24) Fluoranthene-d10	19.15	212	3409	0.34	ng		0.00
28) Terphenyl-d14	19.74	244	2325	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	604	0.37	ng		99
3) n-Nitrosodimethylamine	3.61	42	521	0.39	ng		98
6) bis(2-Chloroethyl)ether	7.20	93	1002	0.38	ng	#	98
9) Naphthalene	10.58	128	3175	0.38	ng		99
10) Hexachlorobutadiene	10.89	225	446	0.38	ng		97
12) 2-Methylnaphthalene	12.19	142	1823	0.38	ng		100
16) Acenaphthylene	14.10	152	9149	0.36	ng		100
17) Acenaphthene	14.45	154	1805	0.38	ng		98
18) Fluorene	15.42	166	2168	0.38	ng		99
20) Hexachlorobenzene	16.47	284	610	0.34	ng	#	100
21) Pentachlorophenol	16.79	266	188	0.45	ng	#	82
22) Phenanthrene	17.18	178	3927	0.36	ng		99
23) Anthracene	17.27	178	2980	0.34	ng		99
25) Fluoranthene	19.17	202	17715	0.34	ng	#	99
27) Pyrene	19.53	202	19913	0.37	ng	#	99
29) Benzo(a)anthracene	21.25	228	3721	0.39	ng	#	84
30) Chrysene	21.30	228	4784	0.37	ng	#	85
31) Bis(2-ethylhexyl)phthalate	21.20	149	1619	0.44	ng		100
32) Indeno(1,2,3-cd)pyrene	26.22	276	17883	0.40	ng		99
34) Benzo(b)fluoranthene	22.95	252	3937	0.35	ng		99
35) Benzo(k)fluoranthene	22.99	252	4575m	0.38	ng		
36) Benzo(a)pyrene	23.58	252	3798	0.36	ng		99
37) Dibenzo(a,h)anthracene	26.25	278	3748	0.36	ng		98
38) Benzo(g,h,i)perylene	27.00	276	16313	0.36	ng		98

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

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Data File : BE092975.D
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Misc :
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Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
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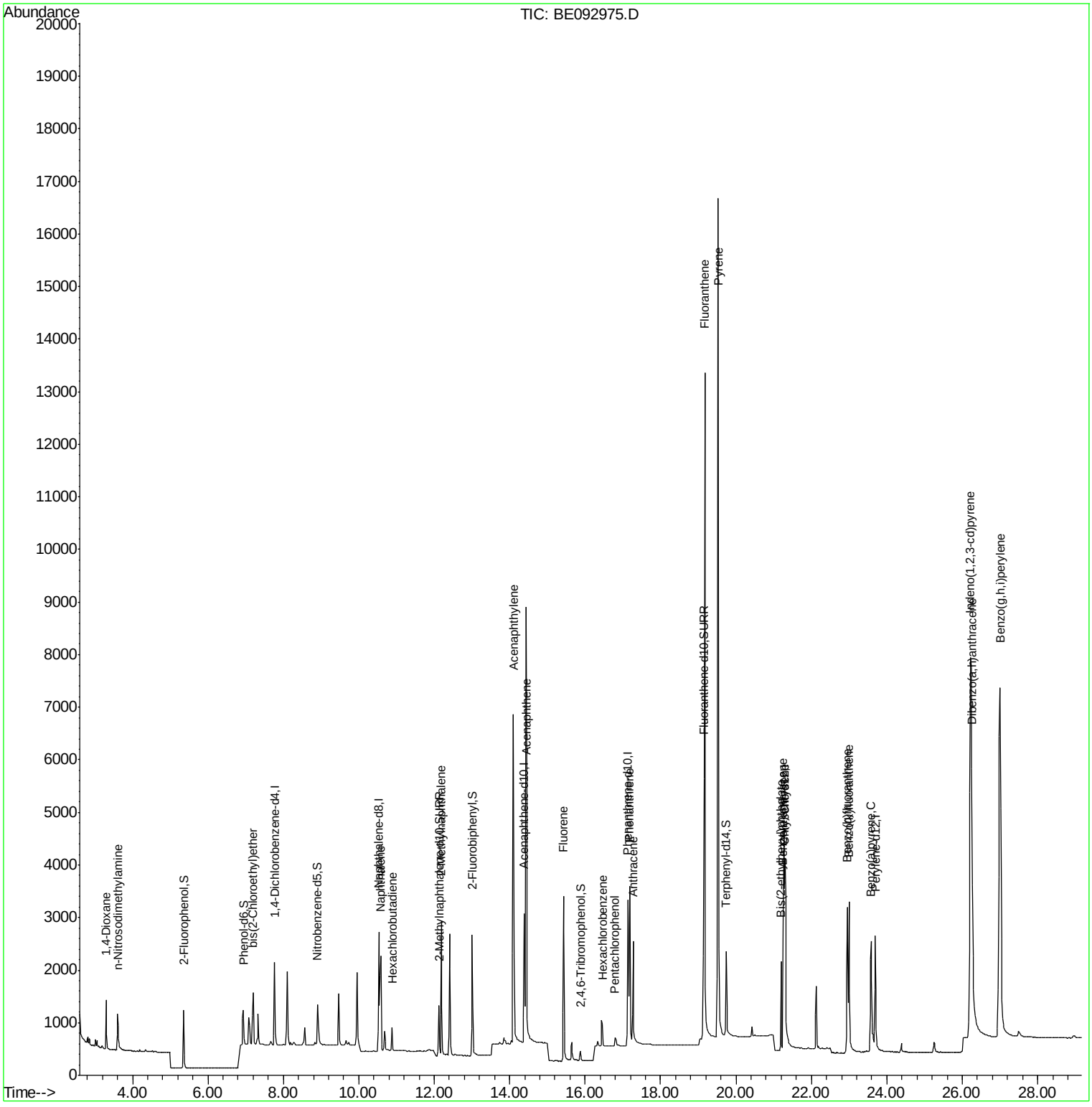
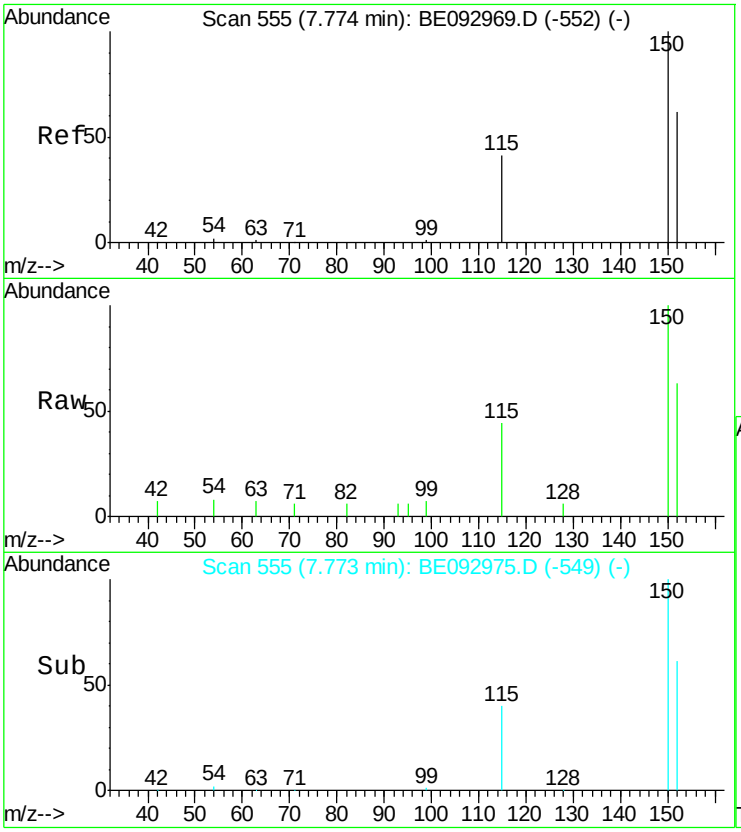
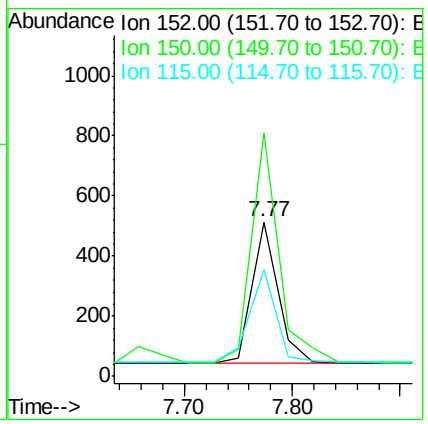




#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:152 Resp: 781

Ion	Ratio	Lower	Upper
152	100		
150	157.9	125.1	187.7
115	69.6	55.7	83.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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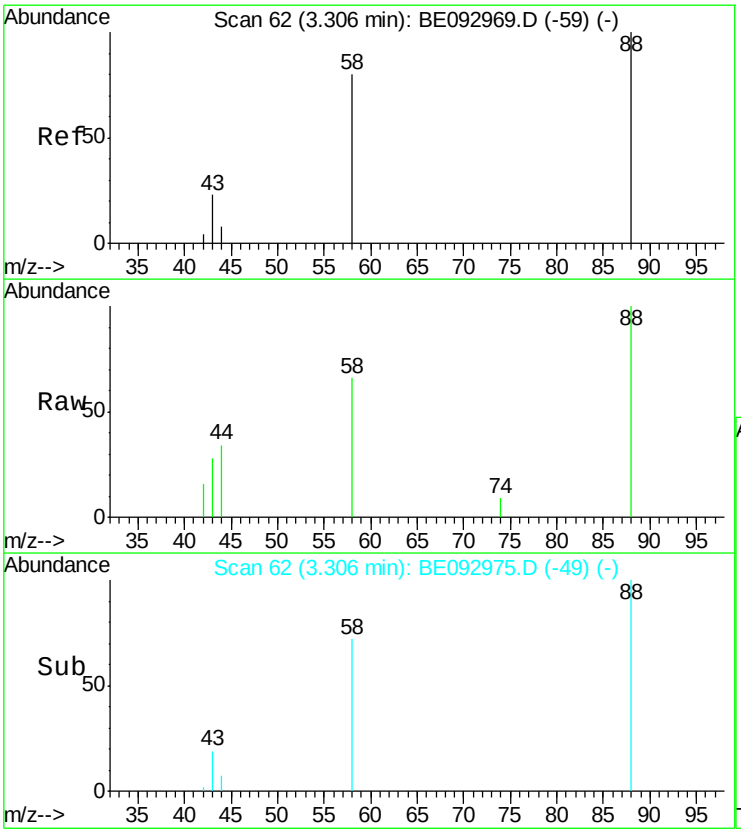
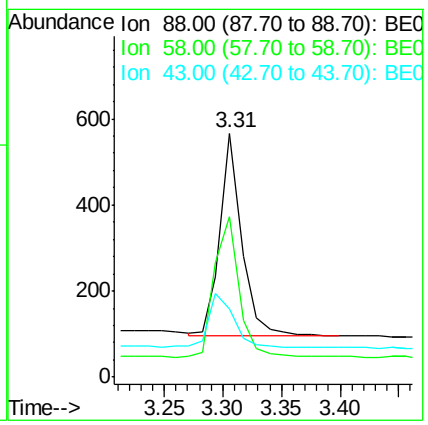
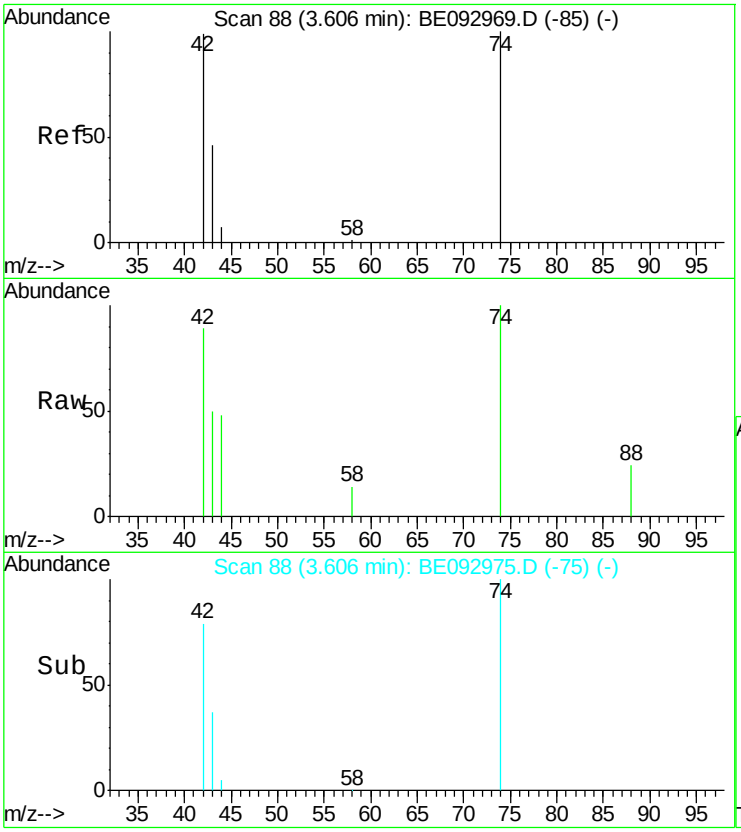


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.31 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion: 88 Resp: 604

Ion	Ratio	Lower	Upper
88	100		
58	78.0	62.2	93.4
43	31.3	23.2	34.8

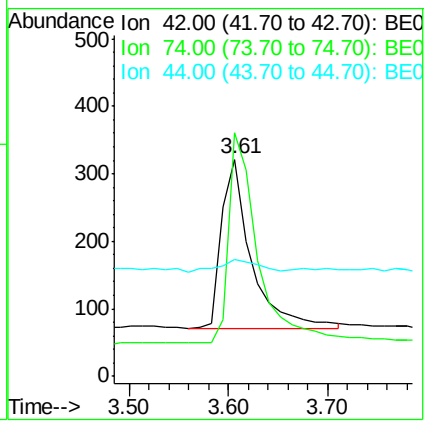




#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion: 42 Resp: 521

Ion	Ratio	Lower	Upper
42	100		
74	122.1	99.1	148.7
44	8.8	7.4	11.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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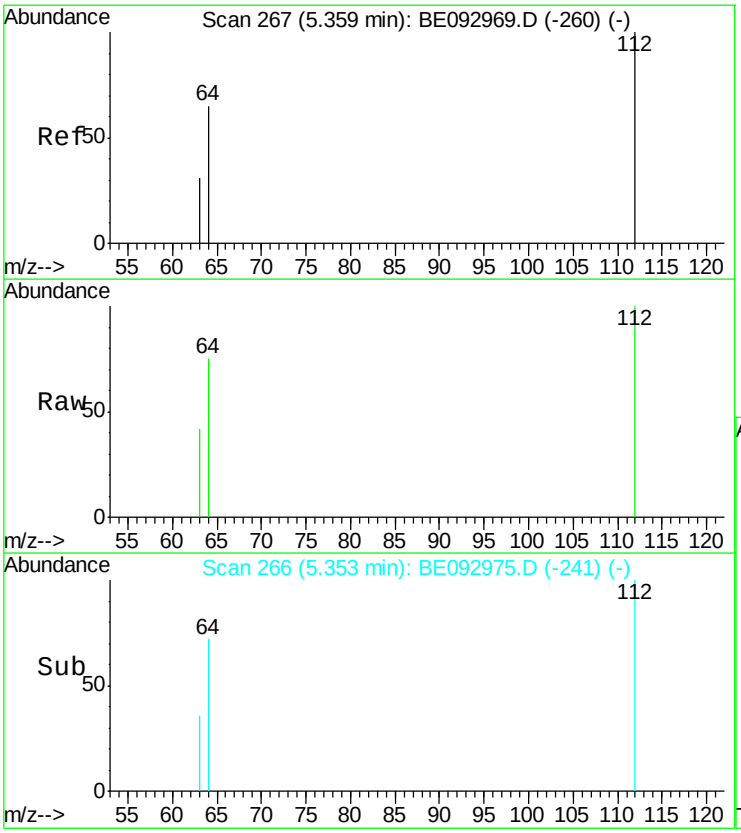
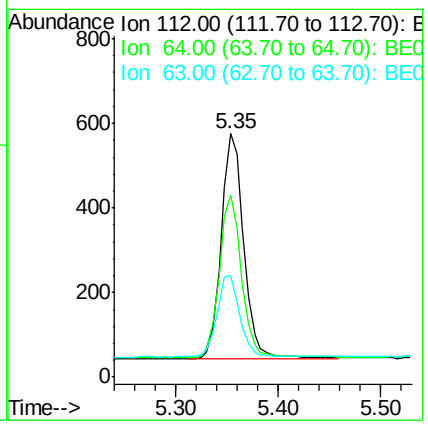
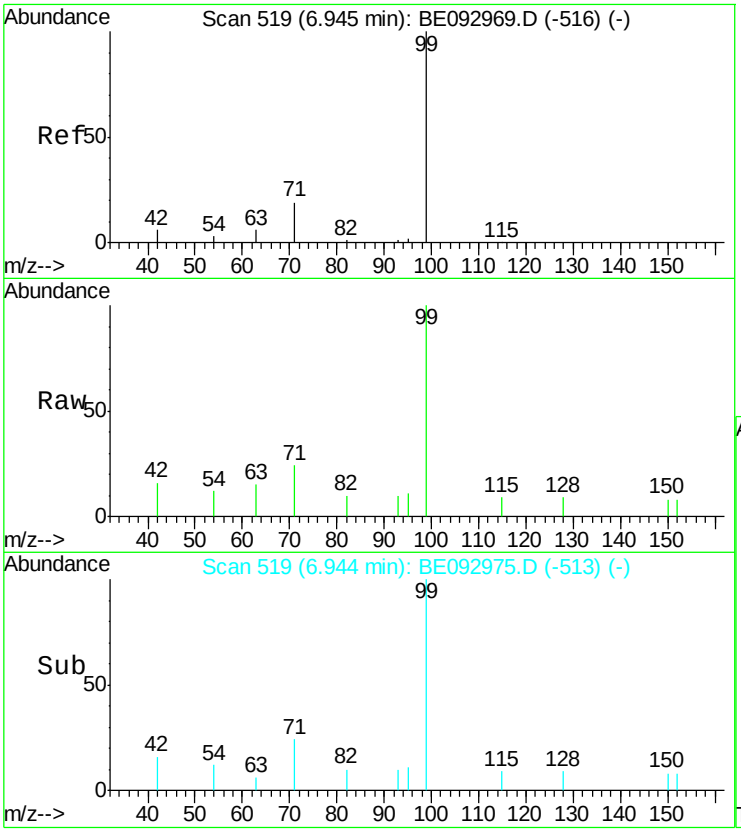


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:112 Resp: 812

Ion	Ratio	Lower	Upper
112	100		
64	70.4	56.4	84.6
63	37.4	29.3	43.9

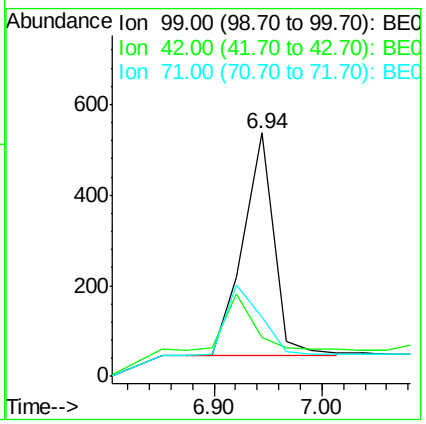




#5
Phenol-d6
Concen: 0.36 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion: 99 Resp: 992

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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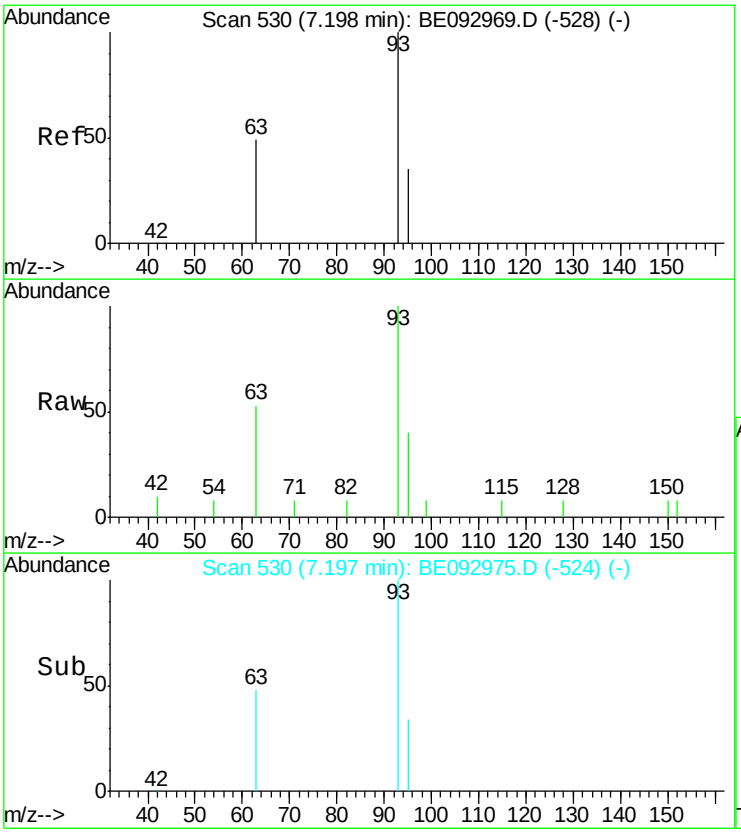
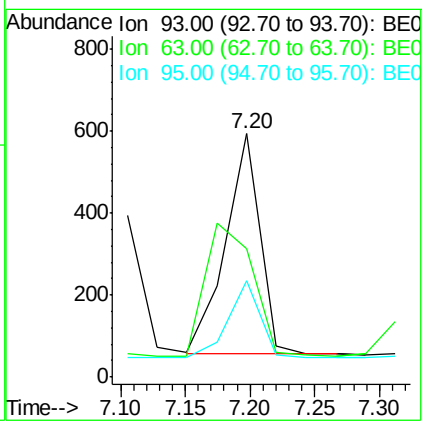
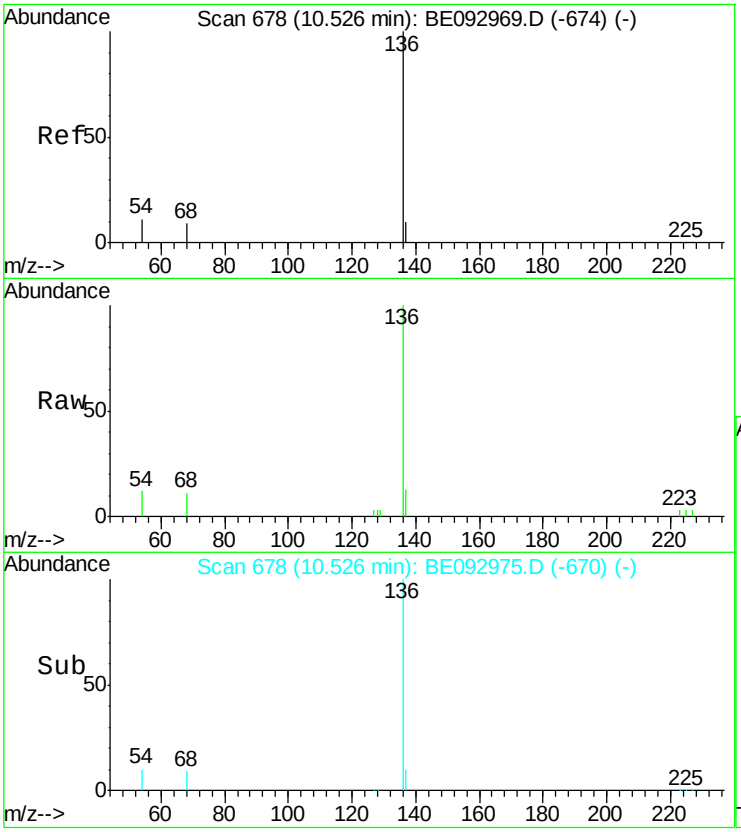


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion: 93 Resp: 1002

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	32.8	25.4	38.0

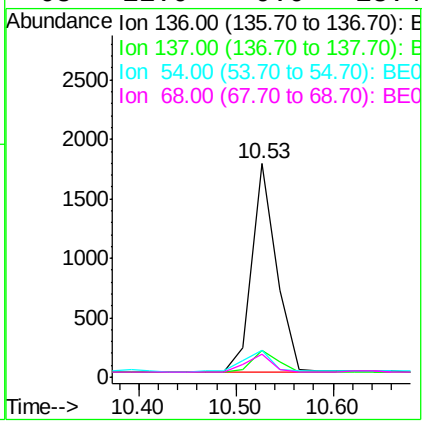




#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:136 Resp: 3092

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.8	14.8
54	12.4	10.3	15.5
68	11.0	9.0	13.4



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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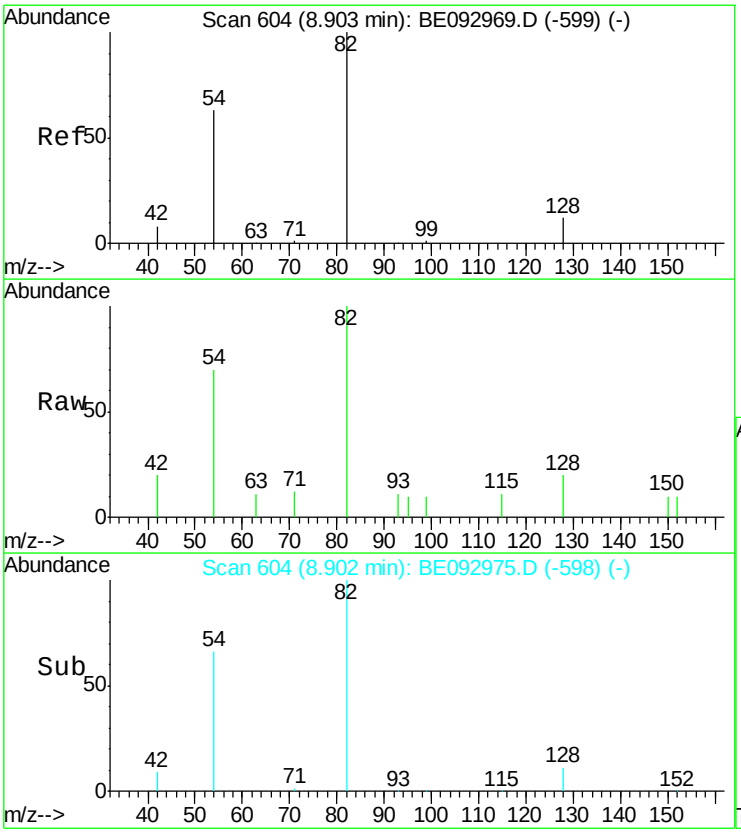
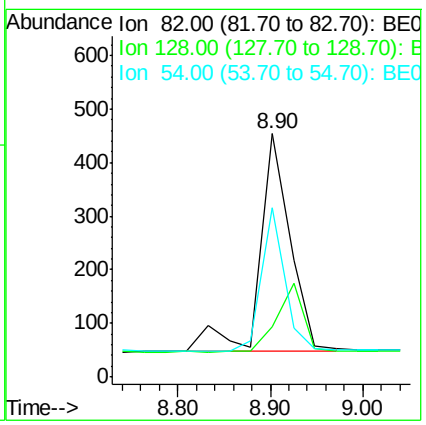
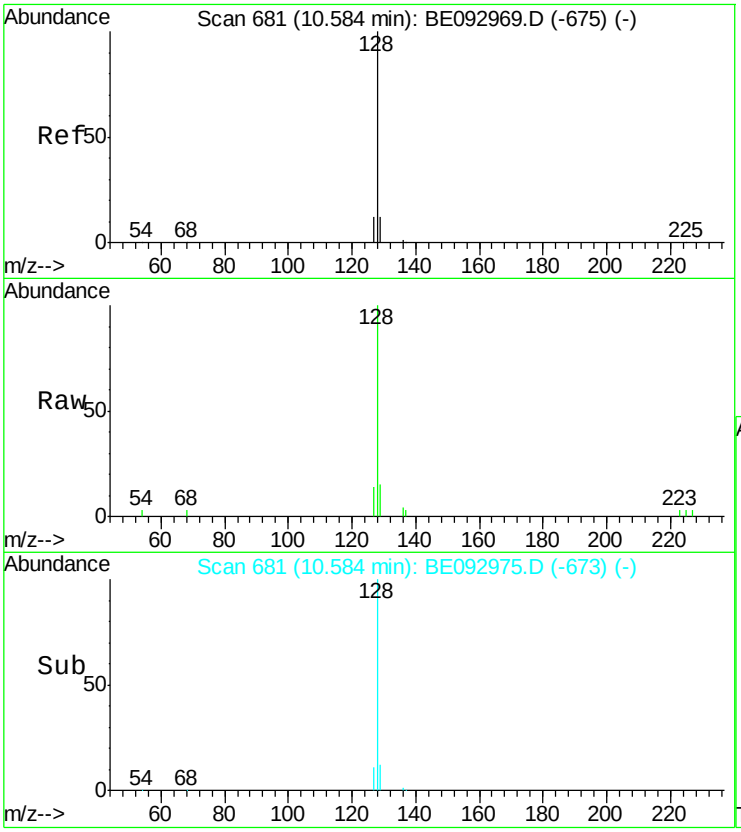


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion: 82 Resp: 911

Ion	Ratio	Lower	Upper
82	100		
128	20.5	17.0	25.4
54	69.8	53.8	80.6

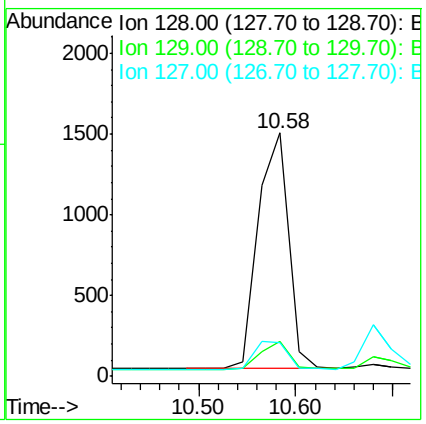




#9
Naphthalene
Concen: 0.38 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:128 Resp: 3175

Ion	Ratio	Lower	Upper
128	100		
129	14.5	11.4	17.0
127	13.9	11.2	16.8



Instrument :
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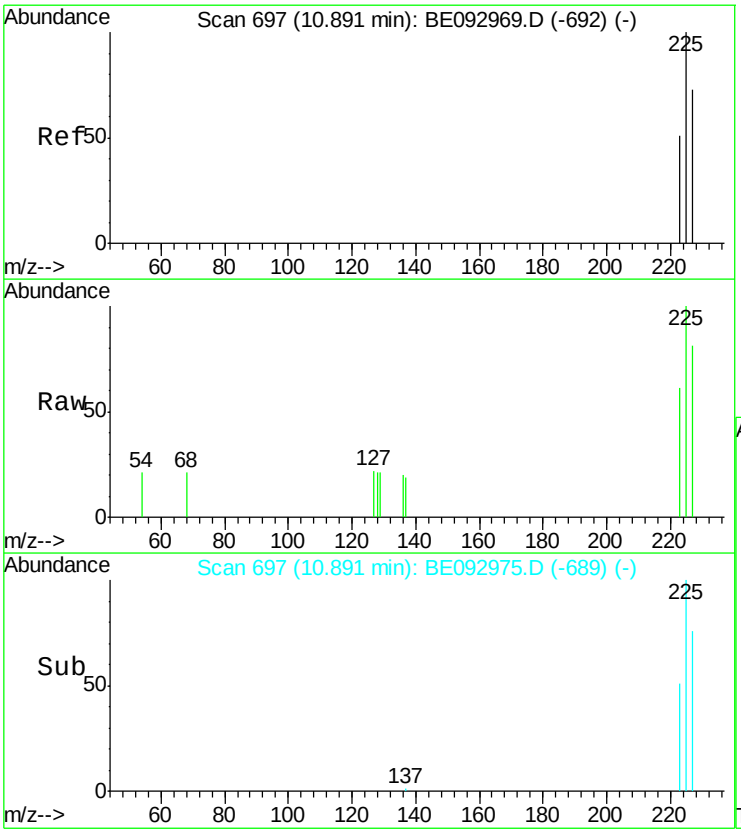
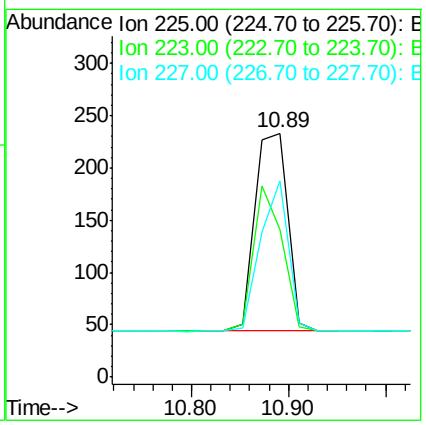
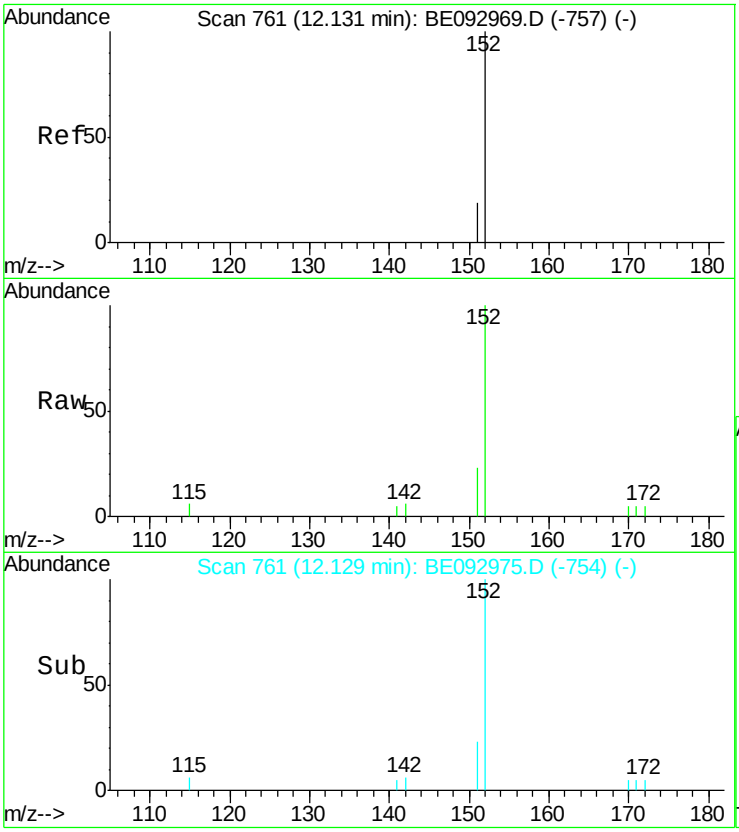


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:225 Resp: 446

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.7	74.5
227	66.6	50.3	75.5

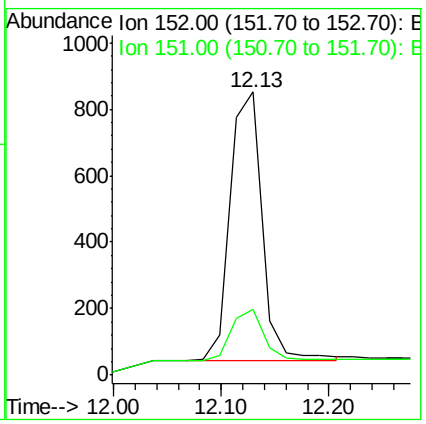




#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:152 Resp: 1649

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.1	22.7



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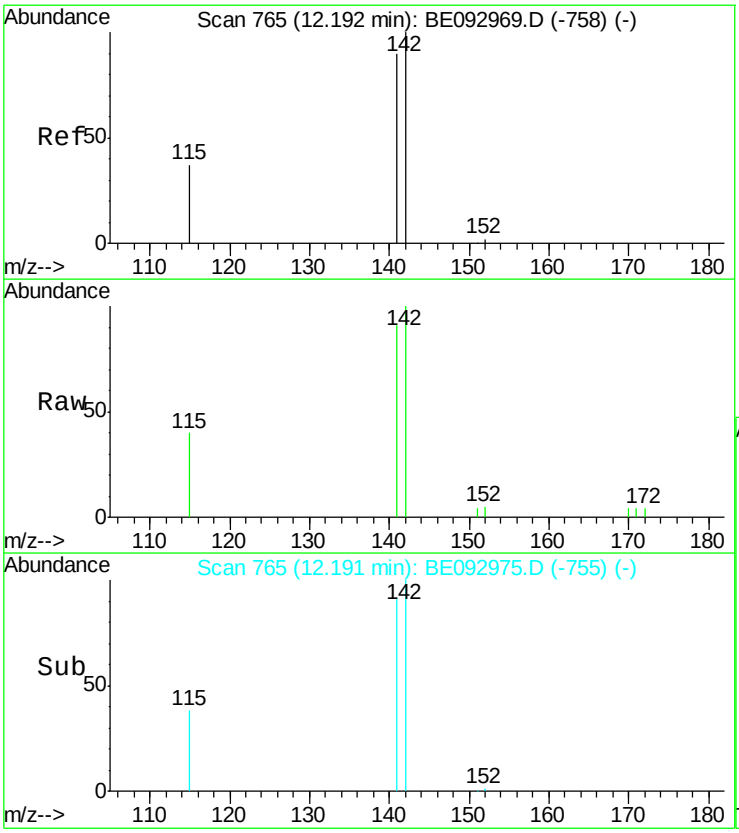
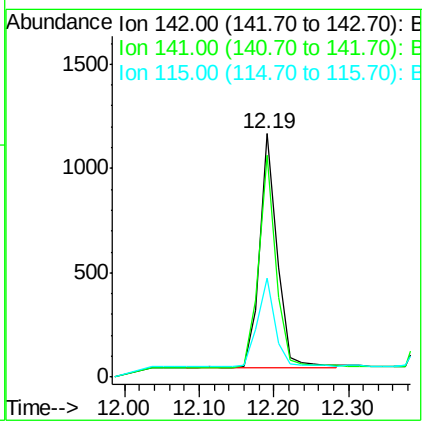
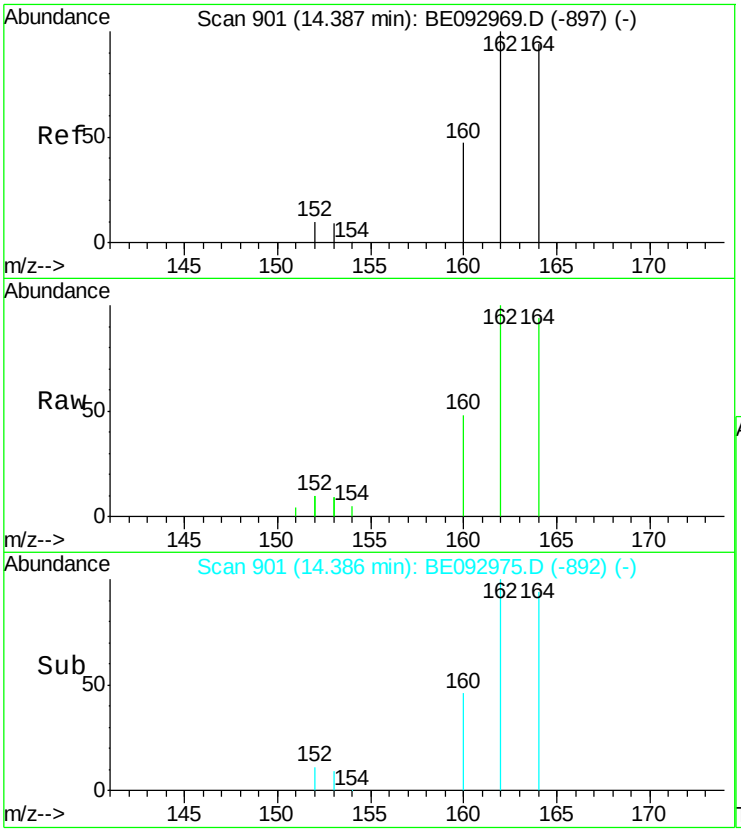


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:142 Resp: 1823

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.6	108.8
115	40.4	32.2	48.2

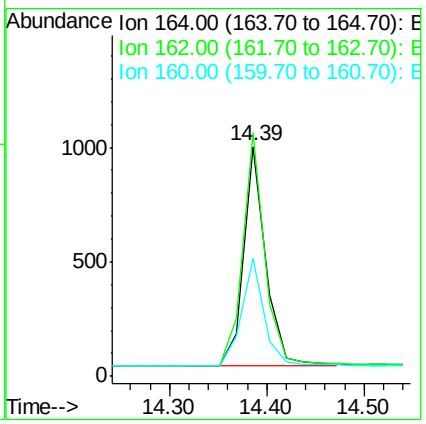




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:164 Resp: 1504

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.6	127.0
160	51.2	41.8	62.6



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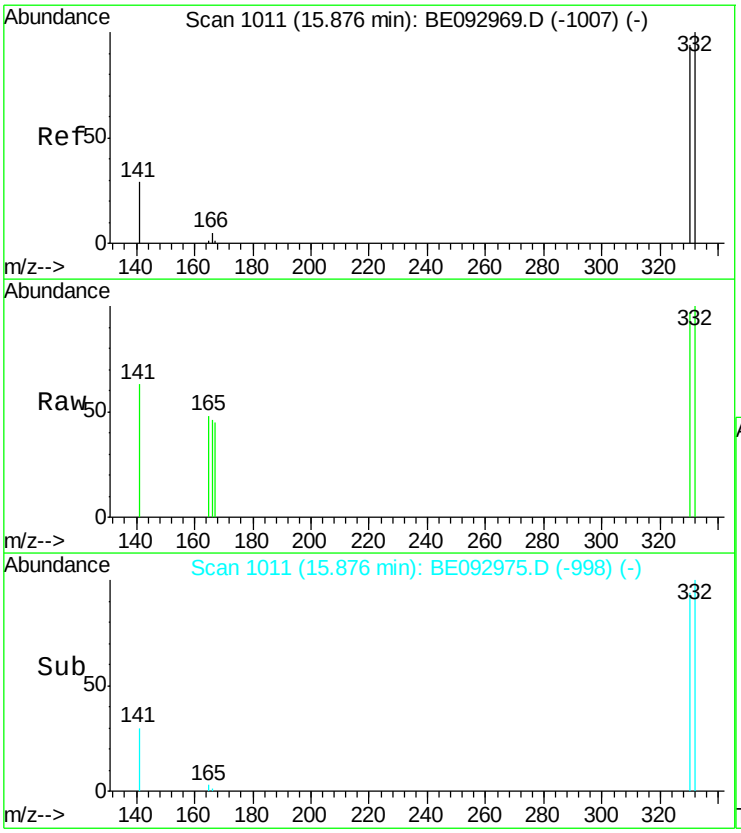
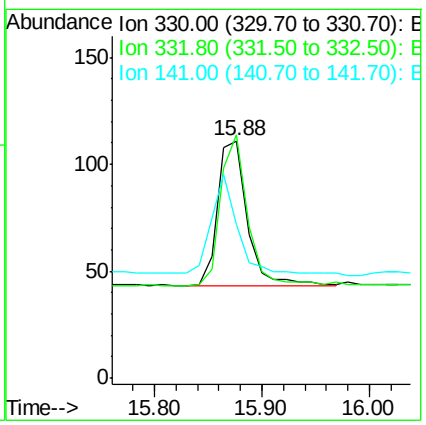
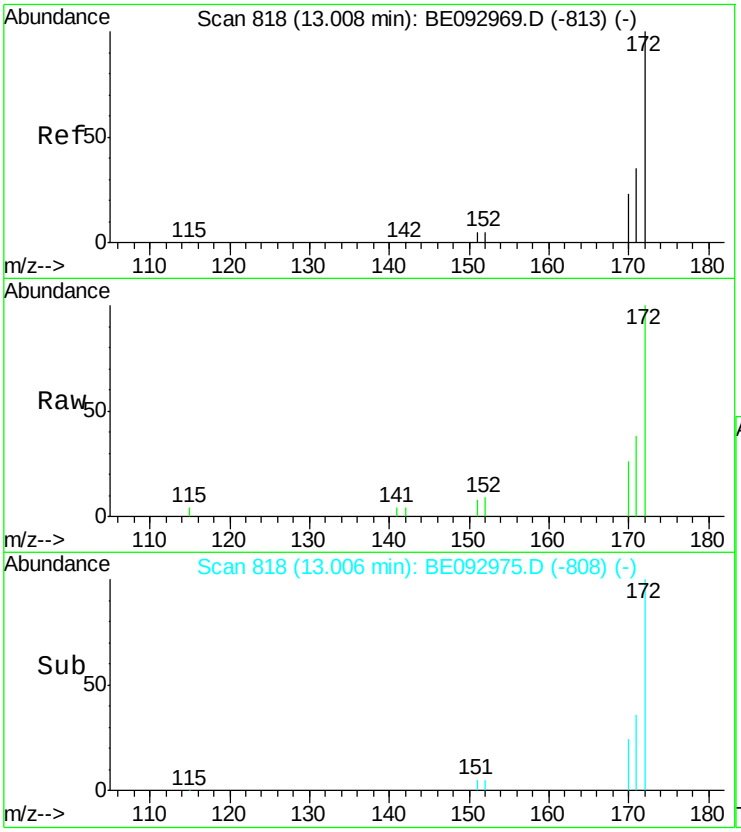


#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.88 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:330 Resp: 132

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.7	116.5
141	64.4	56.2	84.4

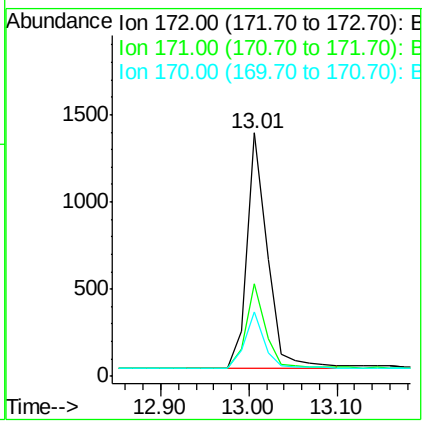




#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:172 Resp: 2219

Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.8	44.6
170	26.3	20.7	31.1



Instrument :
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ClientSampleId :
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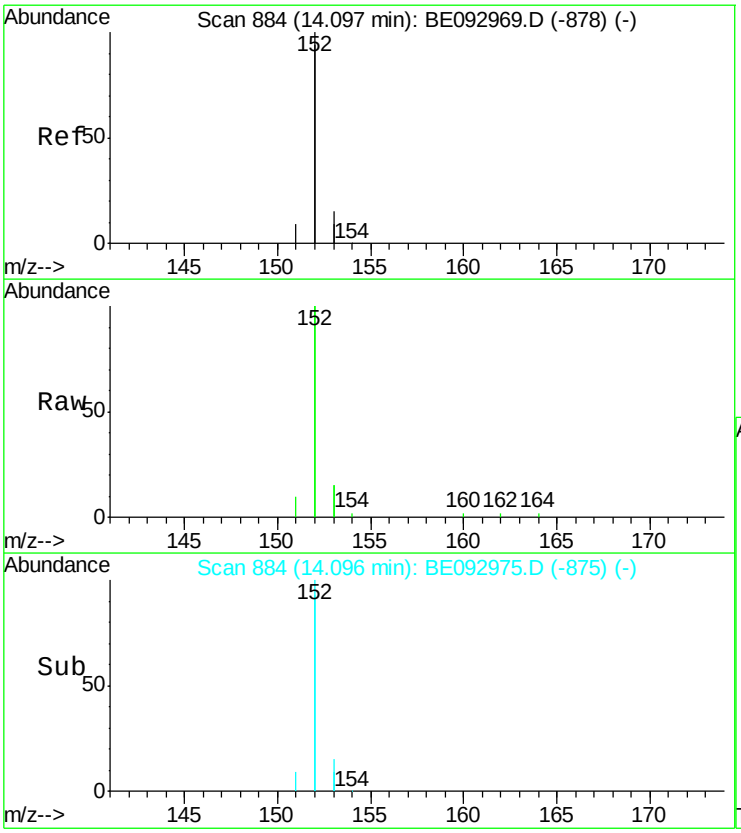
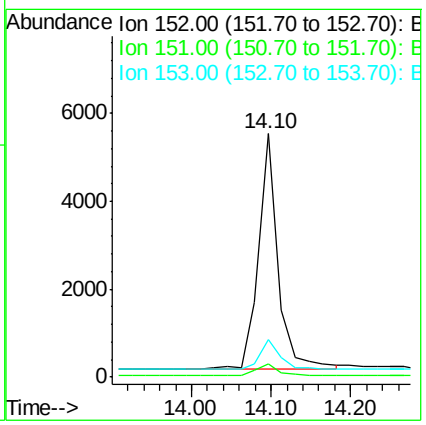
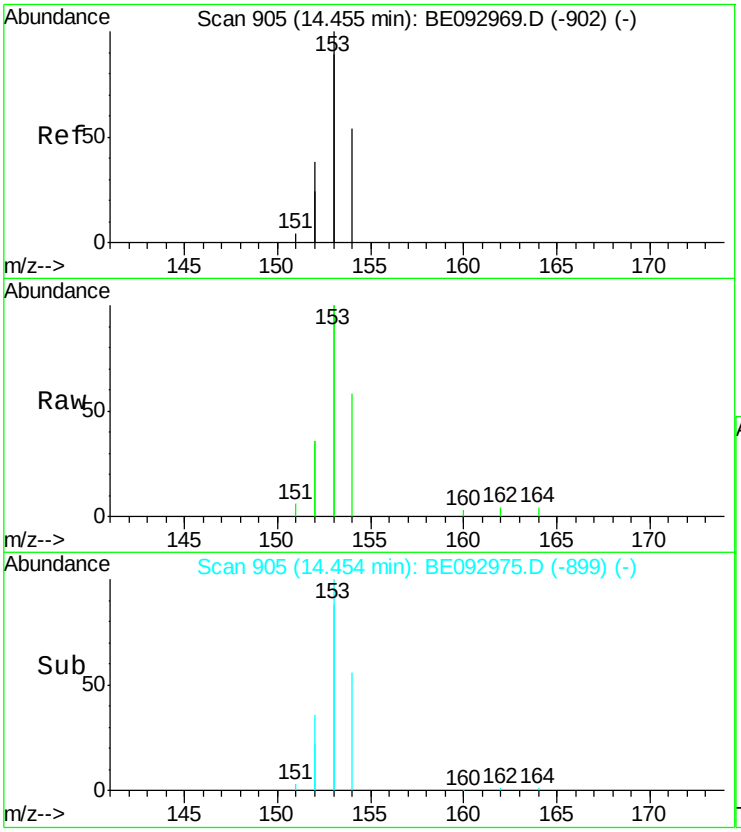


#16
Acenaphthylene
Concen: 0.36 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:152 Resp: 9149

Ion	Ratio	Lower	Upper
152	100		
151	4.8	4.0	6.0
153	12.8	10.3	15.5

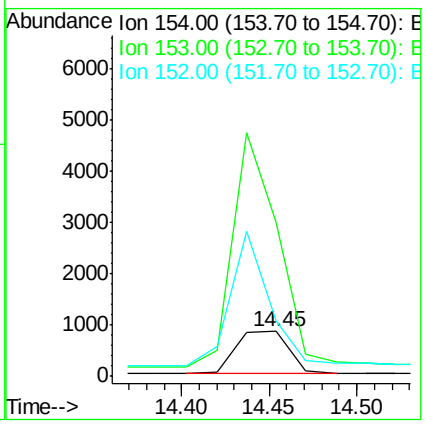




#17
Acenaphthene
Concen: 0.38 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:154 Resp: 1805

Ion	Ratio	Lower	Upper
154	100		
153	457.6	367.8	551.6
152	228.1	188.2	282.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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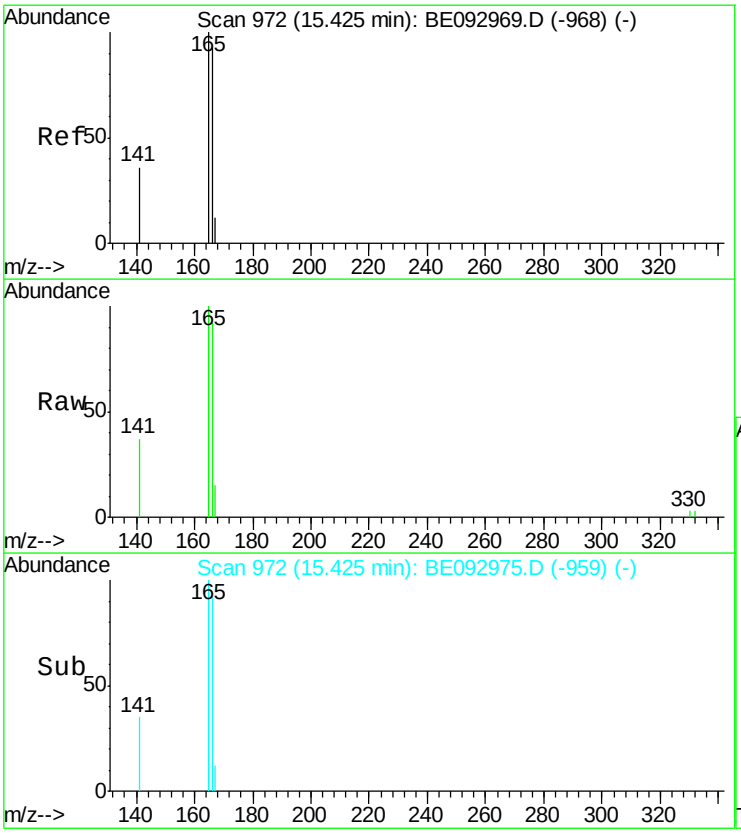
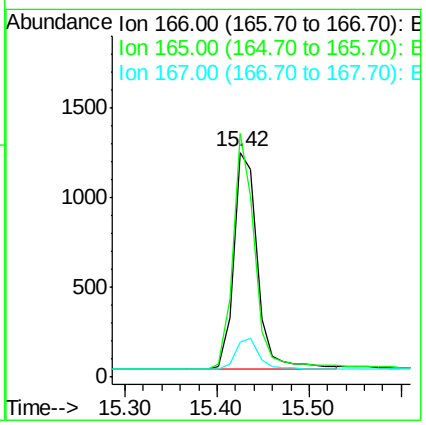
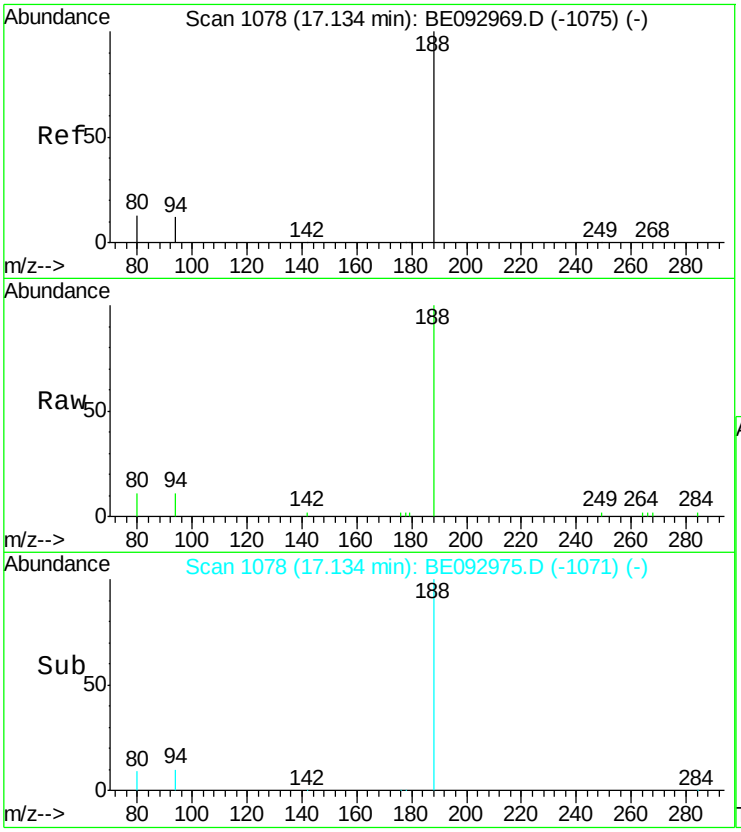


#18
Fluorene
Concen: 0.38 ng
RT: 15.42 min Scan# 972
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:166 Resp: 2168

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	14.1	11.1	16.7





#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:188 Resp: 3837

Ion	Ratio	Lower	Upper
188	100		
94	11.4	11.3	16.9
80	11.4	11.7	17.5#

Instrument :
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ClientSampleId :
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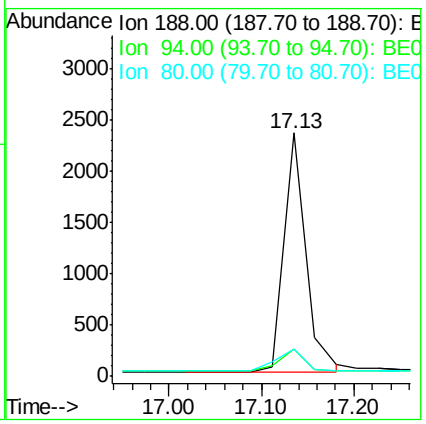
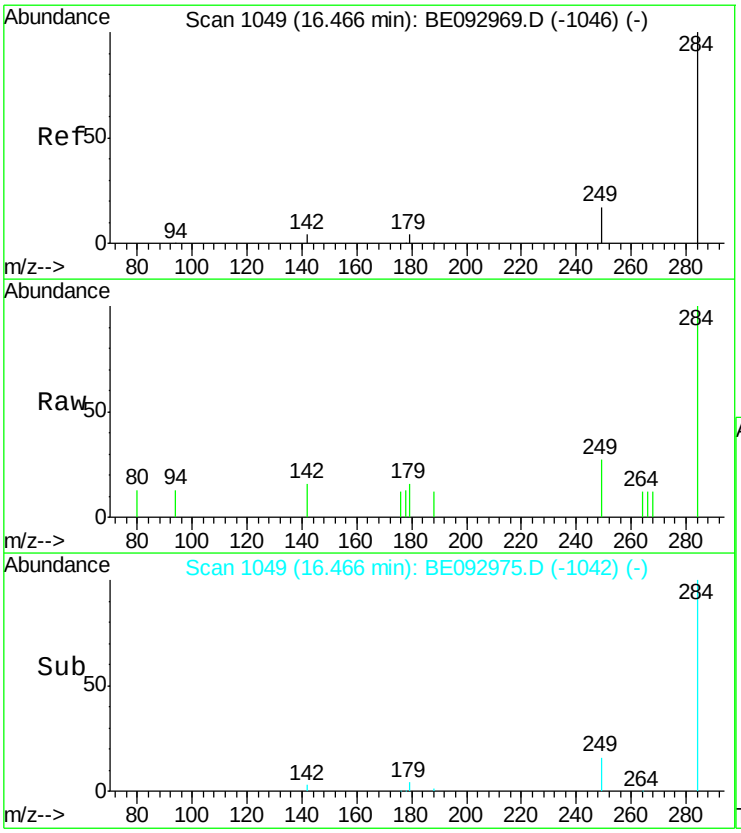
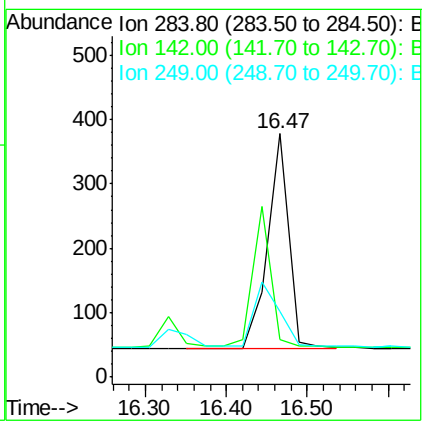


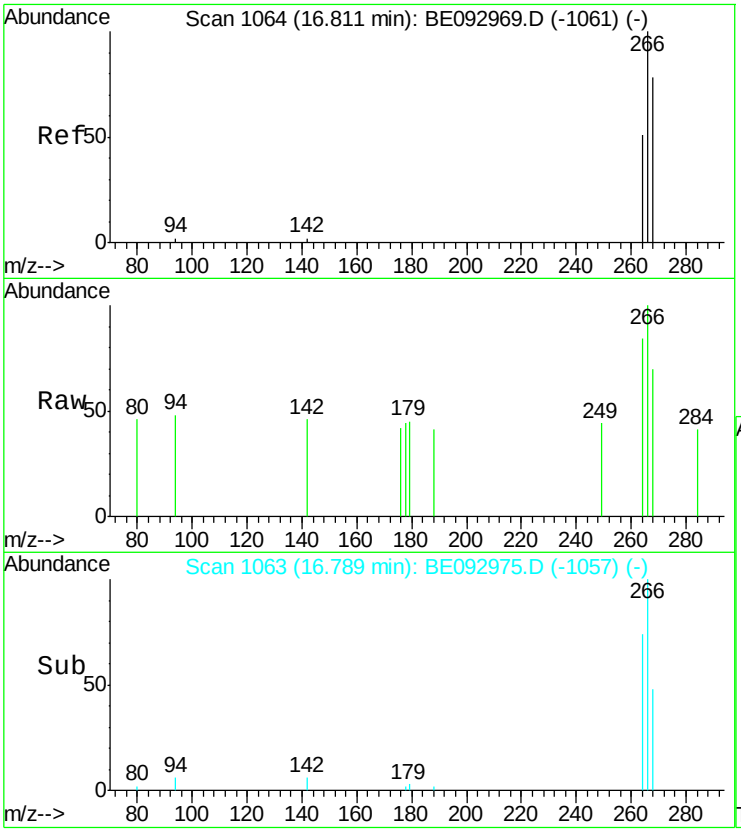


#20
Hexachlorobenzene
Concen: 0.34 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:284 Resp: 610

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





#21
Pentachlorophenol
Concen: 0.45 ng
RT: 16.79 min Scan# 1063
Delta R.T. -0.02 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:266 Resp: 188

Ion	Ratio	Lower	Upper
266	100		
264	83.6	58.2	87.2
268	70.0	71.9	107.9#

Instrument :
BNA_E
ClientSampleId :
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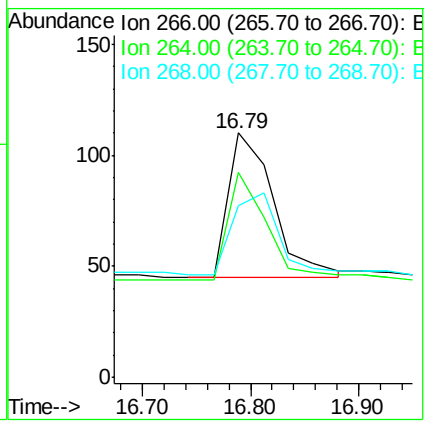
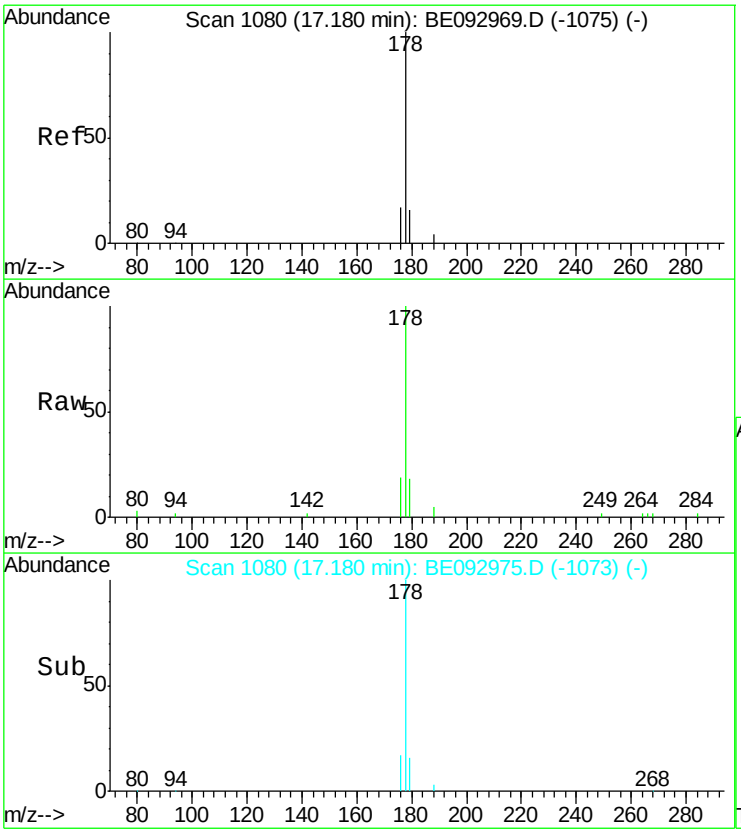
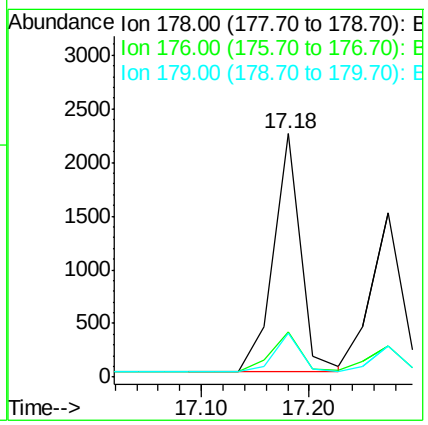


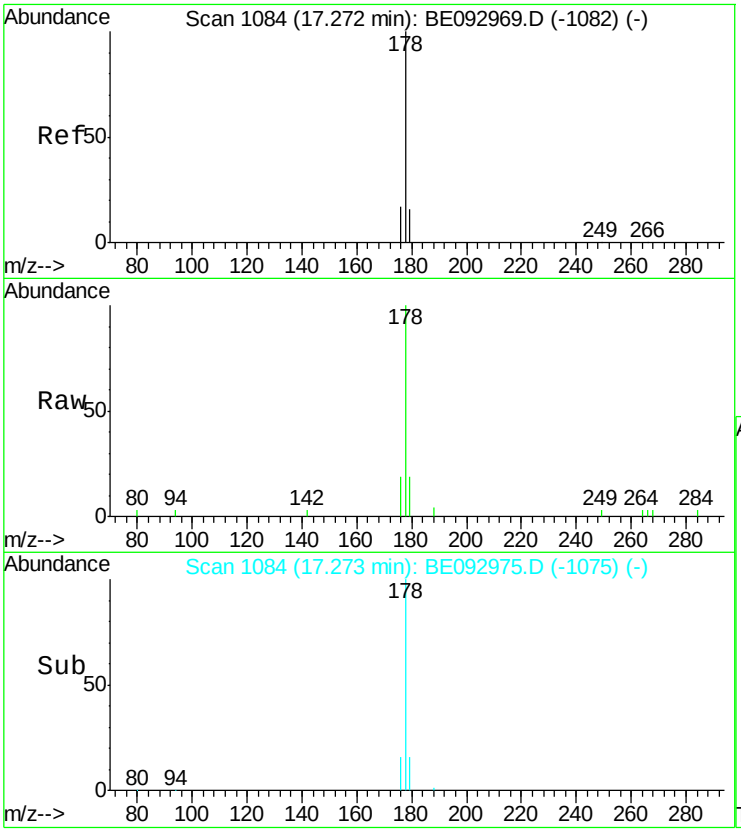


#22
Phenanthrene
Concen: 0.36 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:178 Resp: 3927

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.7	19.1

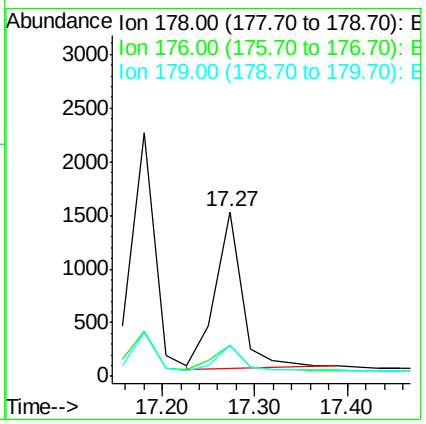




#23
Anthracene
Concen: 0.34 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:178 Resp: 2980

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.2	12.0	18.0



Instrument :
BNA_E
ClientSampleId :
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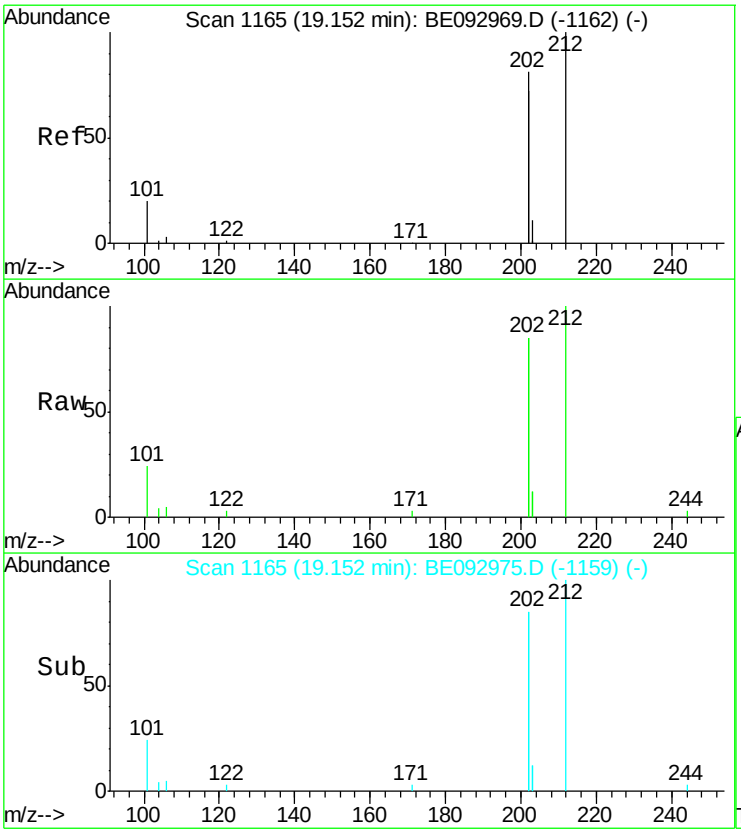
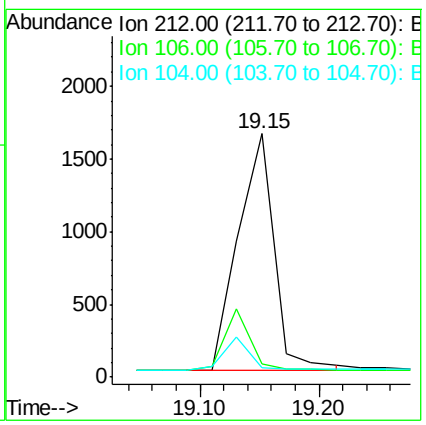
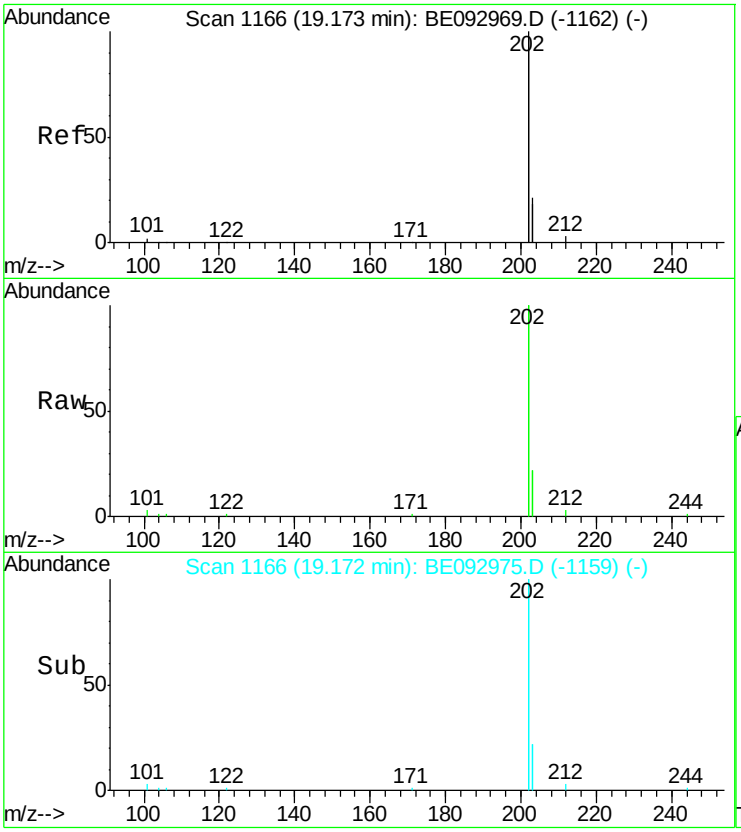


#24
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:212 Resp: 3409

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0

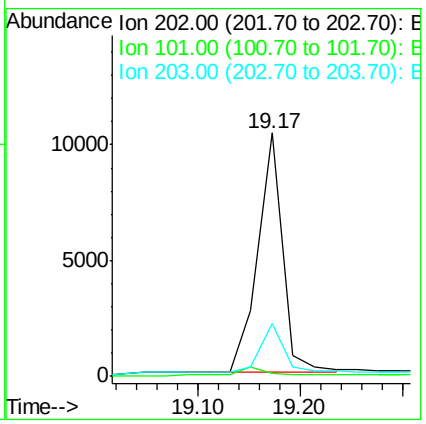




#25
Fluoranthene
Concen: 0.34 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:202 Resp: 17715

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.4	14.4	21.6



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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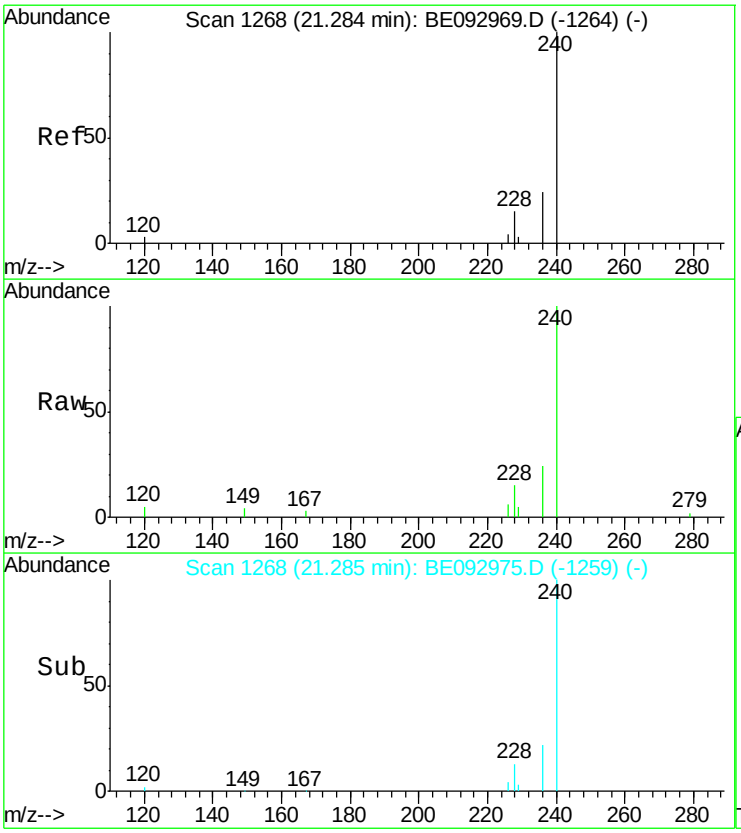
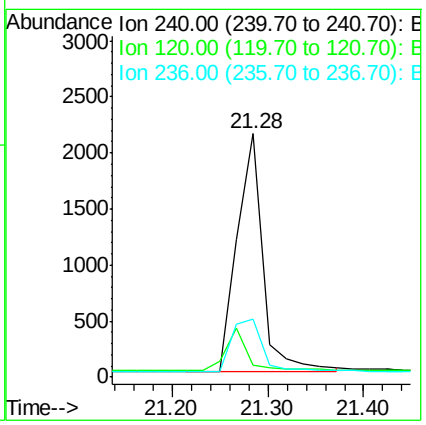
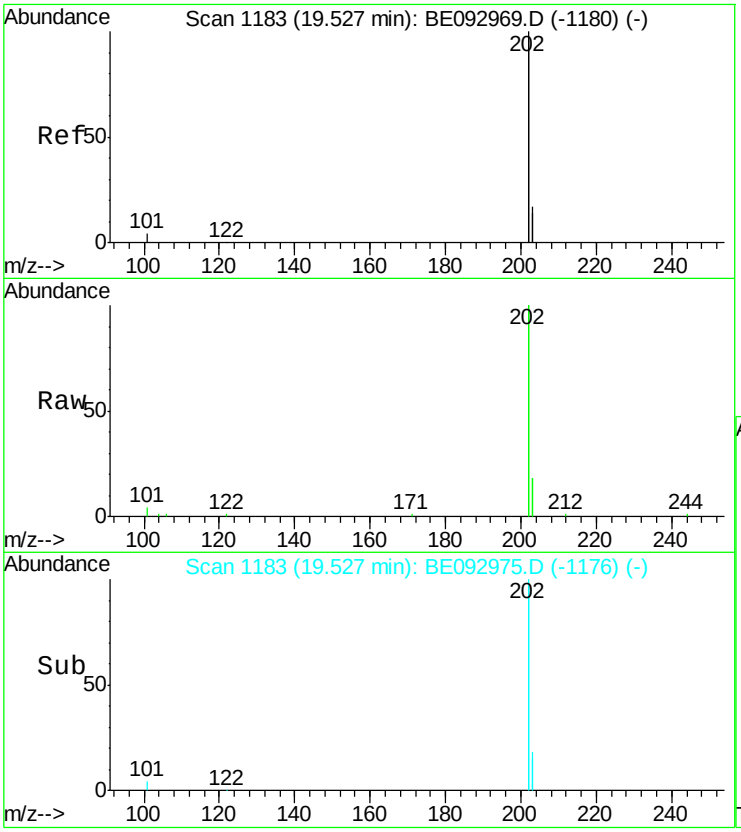


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:240 Resp: 4004

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	24.1	20.8	31.2

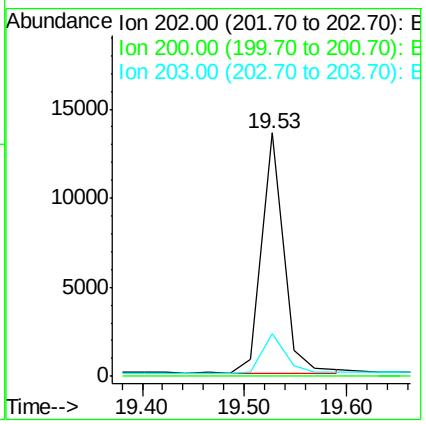




#27
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:202 Resp: 19913

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.4	13.7	20.5



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

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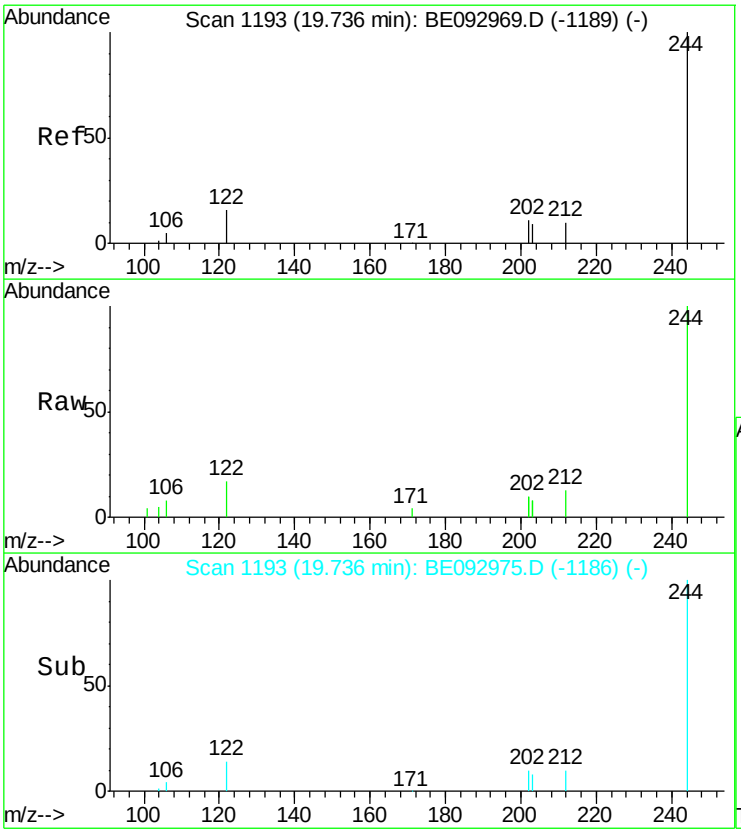
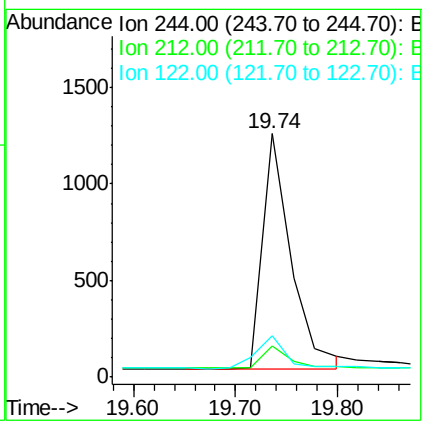
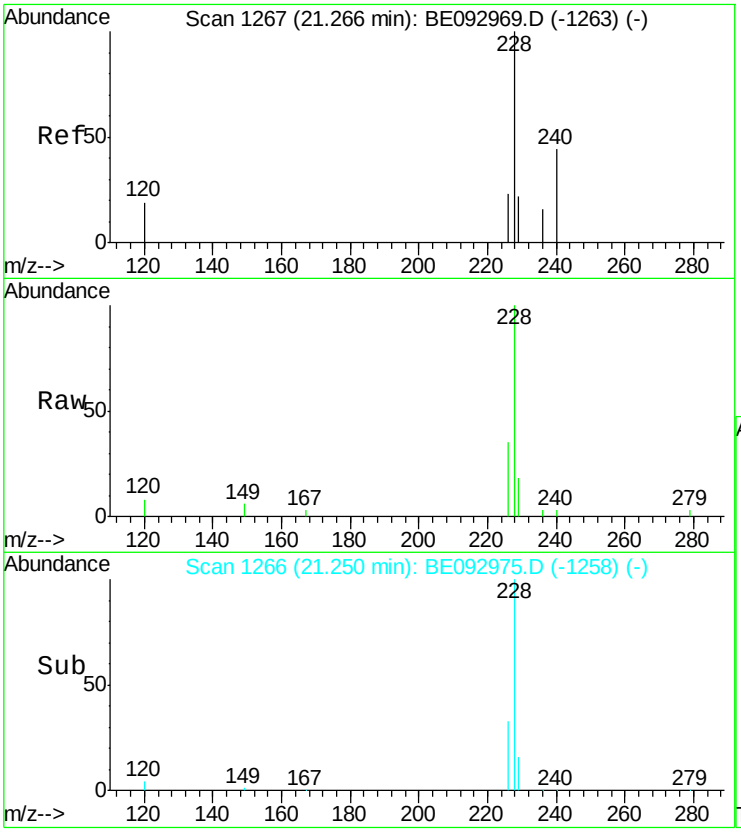


#28
Terphenyl-d14
Concen: 0.38 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:244 Resp: 2325

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.6	16.0
122	17.0	15.4	23.0





#29
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.25 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:228 Resp: 3721

Ion	Ratio	Lower	Upper
228	100		
226	34.5	19.7	29.5#
229	17.7	19.2	28.8#

Instrument :
BNA_E
ClientSampleId :
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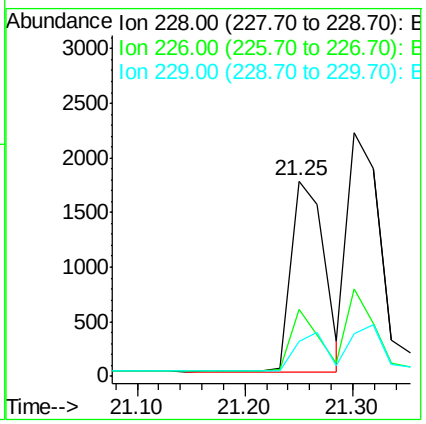
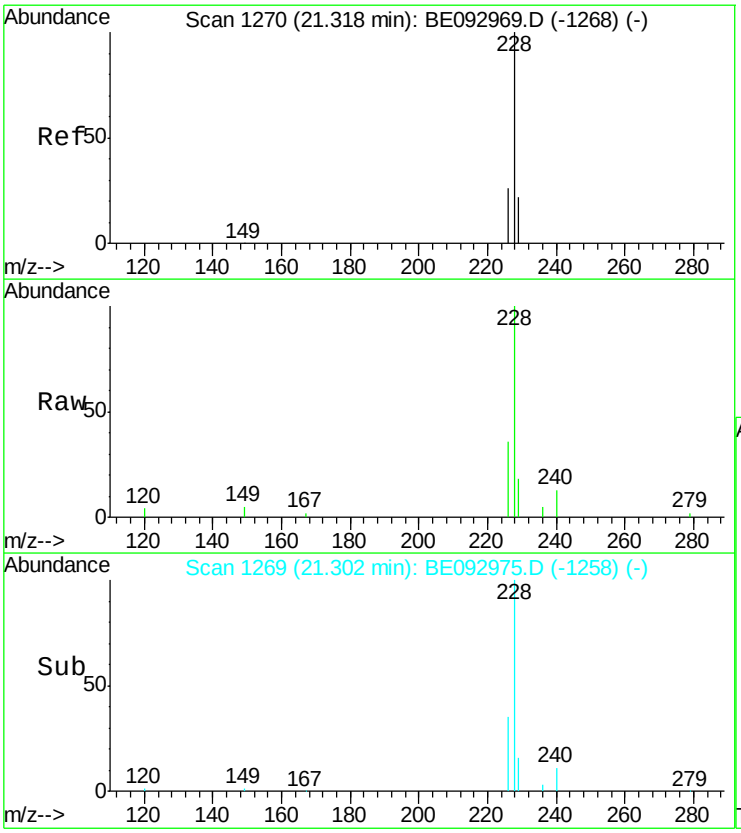
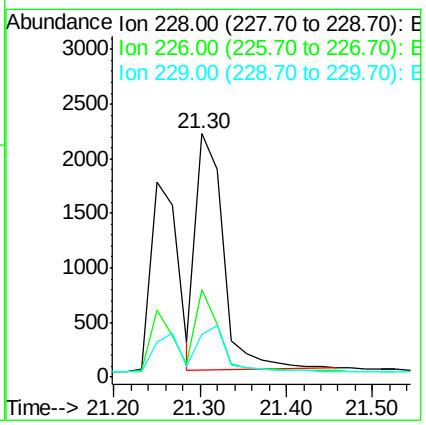


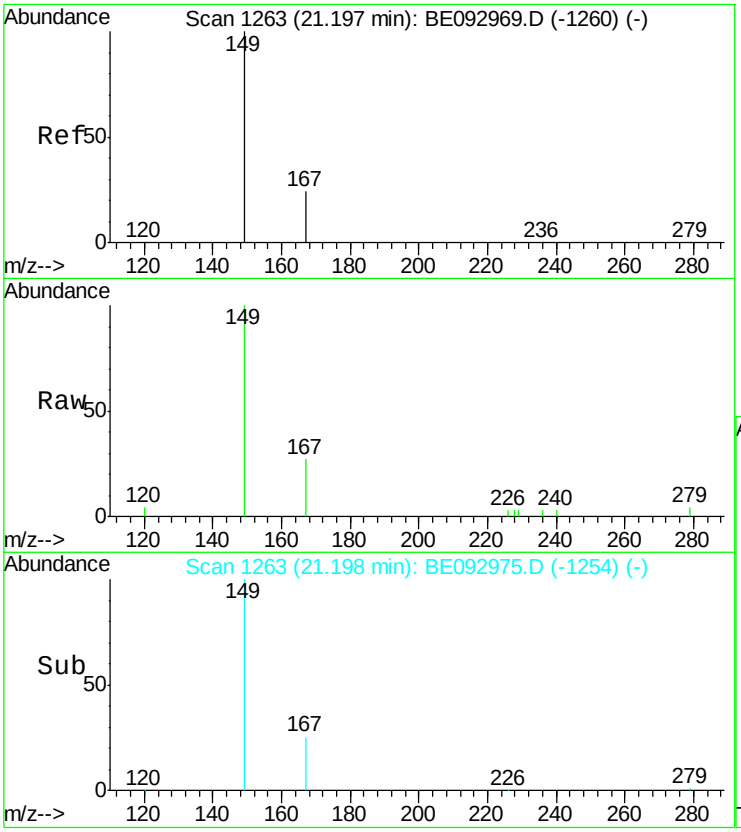


#30
Chrysene
Concen: 0.37 ng
RT: 21.30 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:228 Resp: 4784

Ion	Ratio	Lower	Upper
228	100		
226	36.1	21.5	32.3#
229	17.8	18.6	28.0#





#31
Bis(2-ethylhexyl)phthalate
Concen: 0.44 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Instrument :
BNA_E
ClientSampleId :
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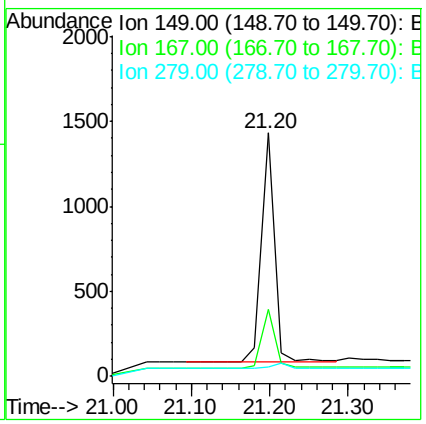
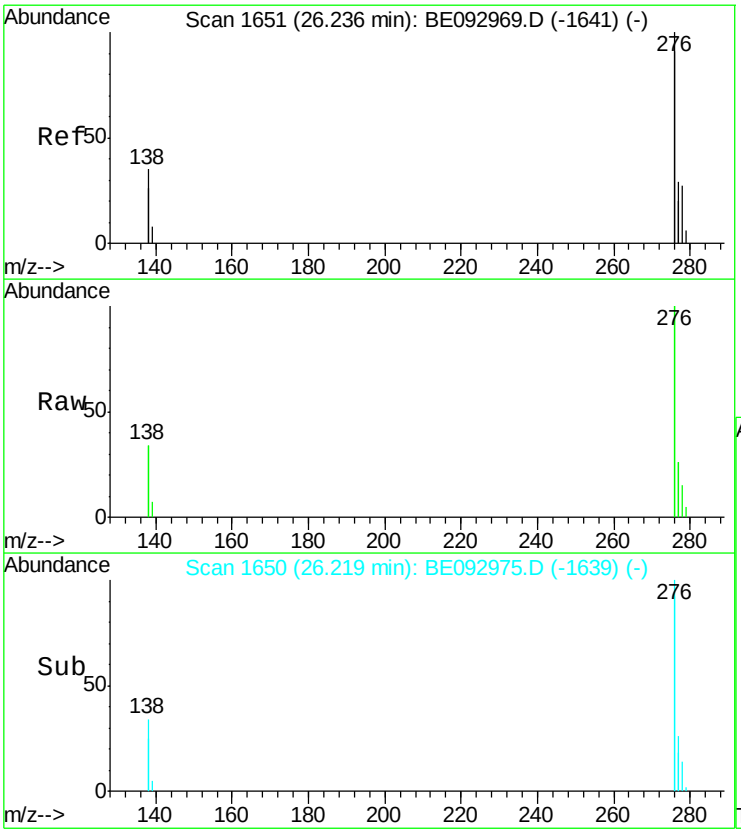
Tgt Ion:149 Resp: 1619

Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.1	30.1
279	2.7	2.2	3.4

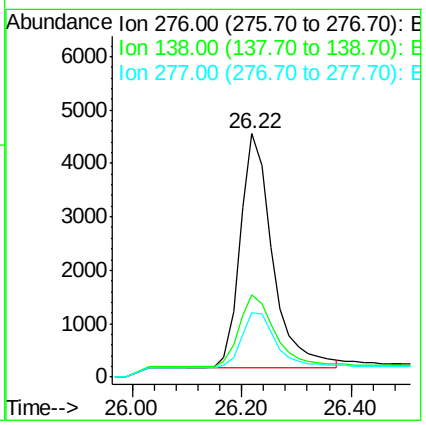


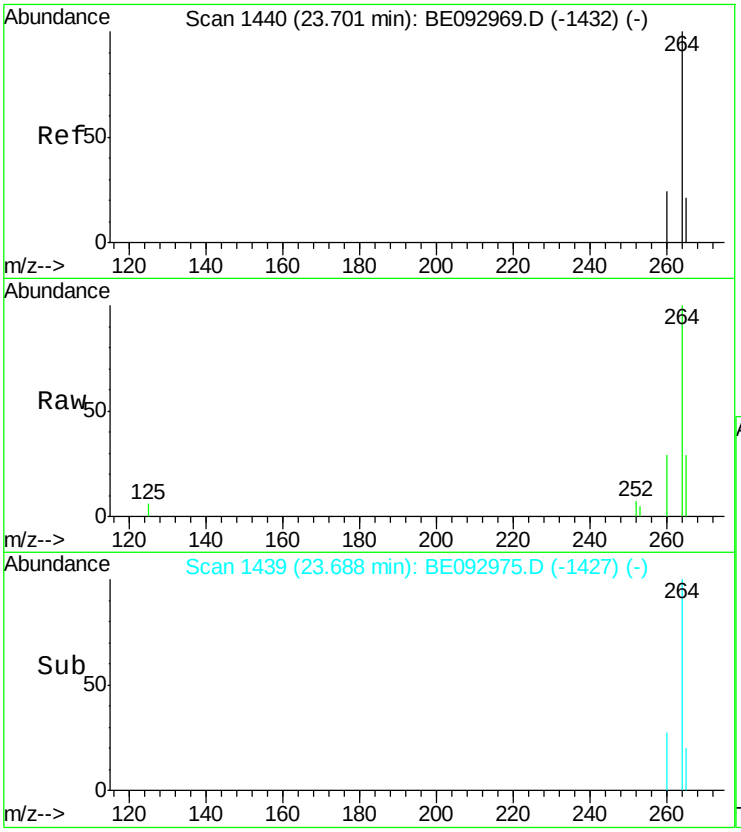


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.22 min Scan# 1650
Delta R.T. -0.02 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:276 Resp: 17883

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.2
277	24.8	20.1	30.1

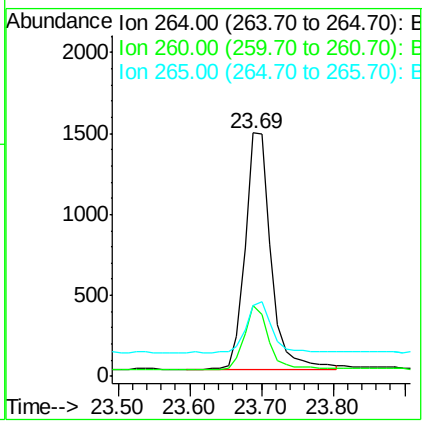




#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. -0.01 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:264 Resp: 3662

Ion	Ratio	Lower	Upper
264	100		
260	29.0	21.0	31.4
265	29.3	24.6	36.8



Instrument :
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ClientSampleId :
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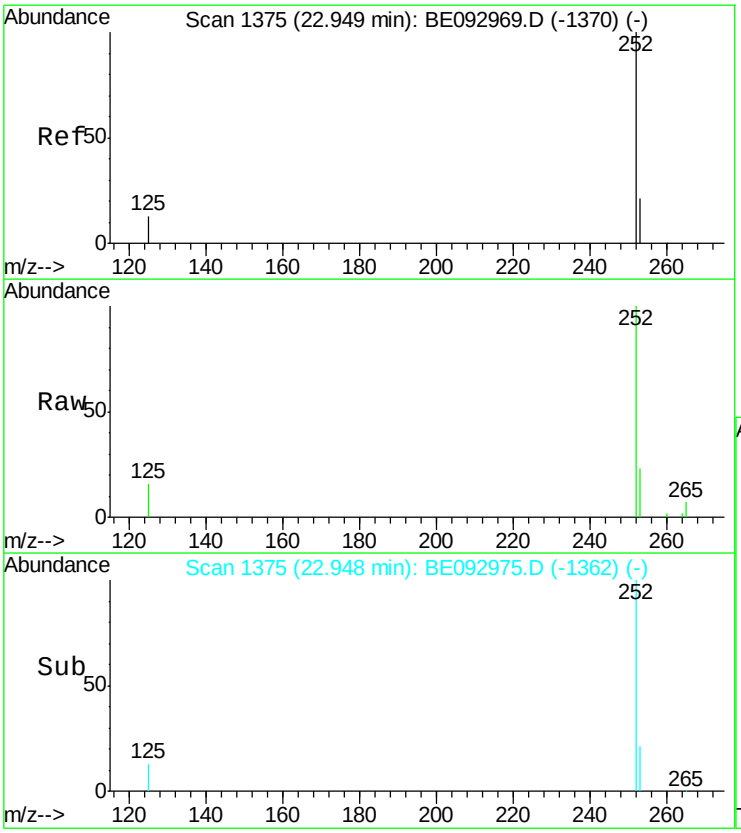
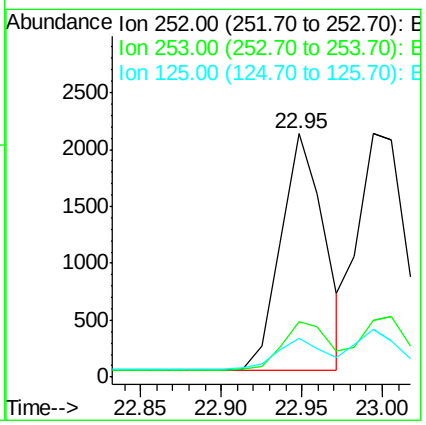
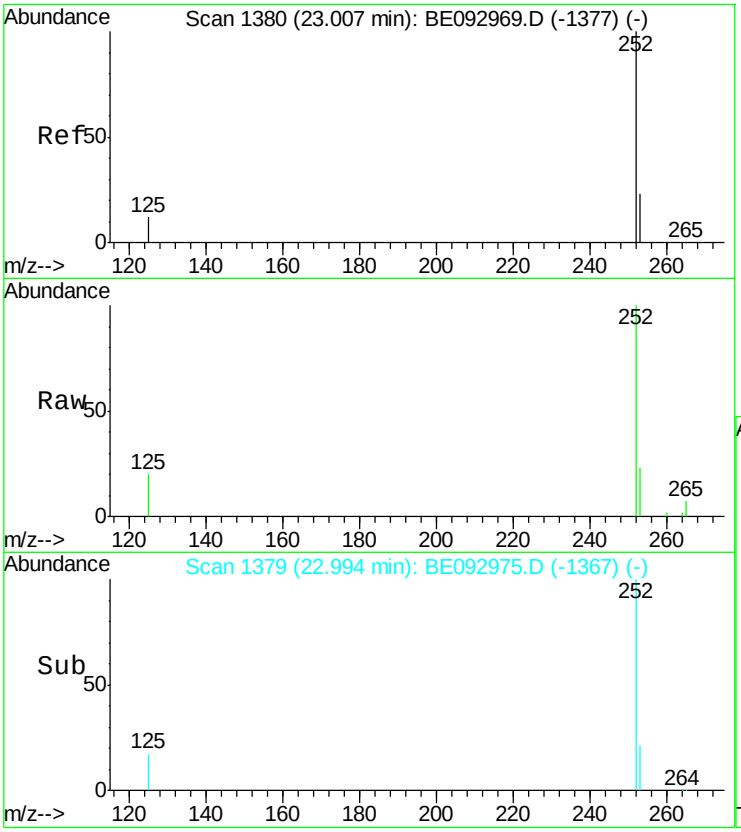


#34
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.95 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:252 Resp: 3937

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	15.8	13.4	20.0





#35
Benzo(k)fluoranthene
Concen: 0.38 ng m
RT: 22.99 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:252 Resp: 4575

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	19.5	12.2	18.4#

Instrument :
BNA_E
ClientSampleId :
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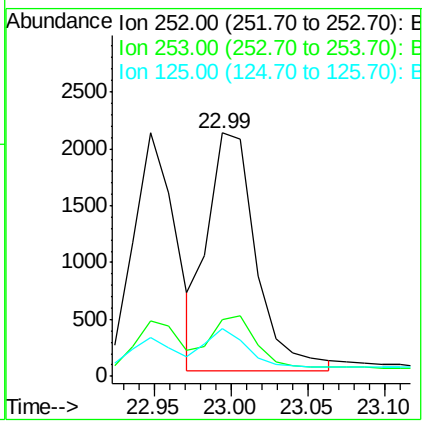
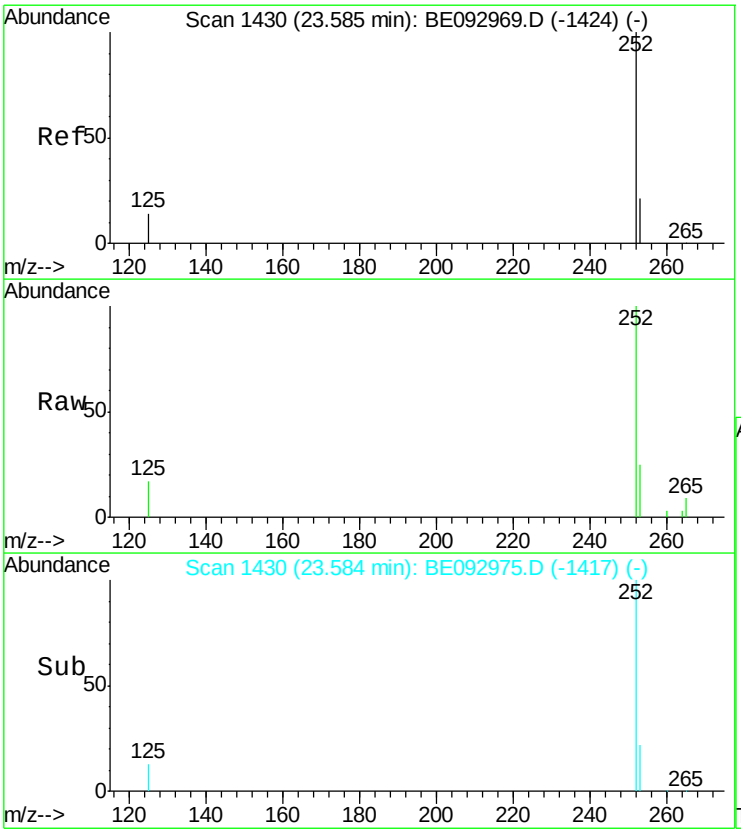
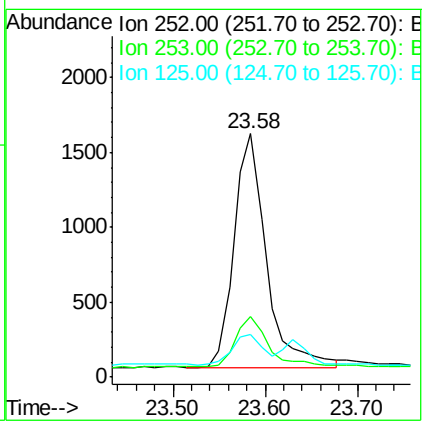


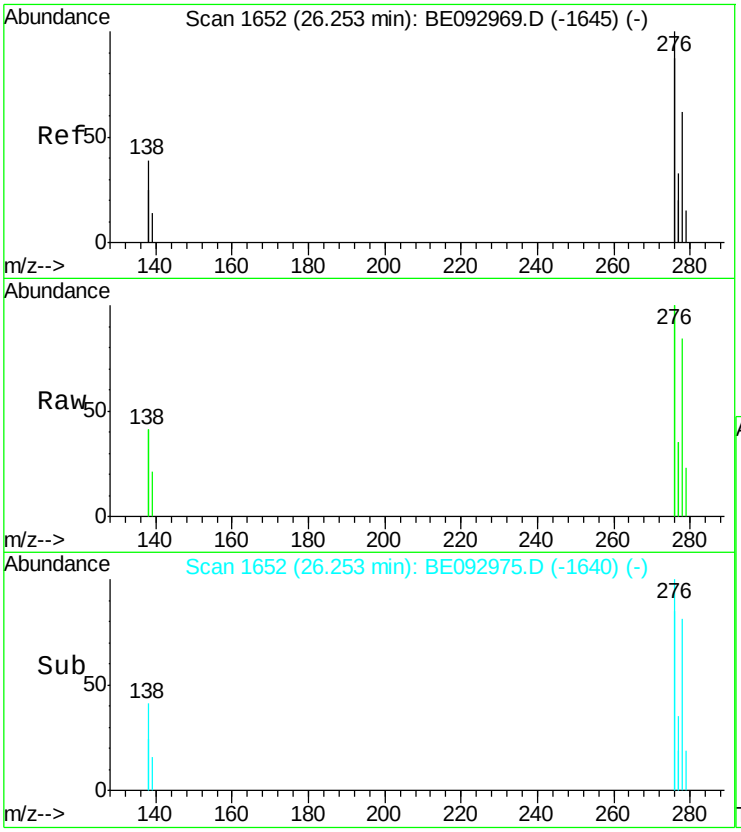


#36
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:252 Resp: 3798

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.9	29.9
125	17.5	14.6	21.8

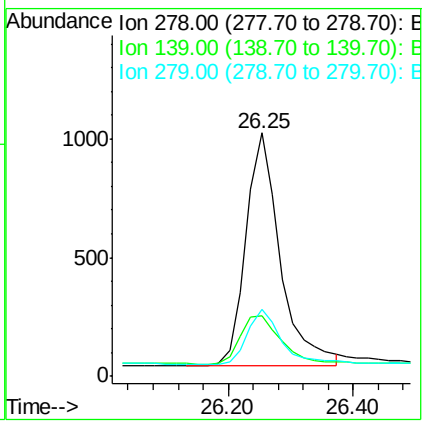




#37
Dibenzo(a,h)anthracene
Concen: 0.36 ng
RT: 26.25 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

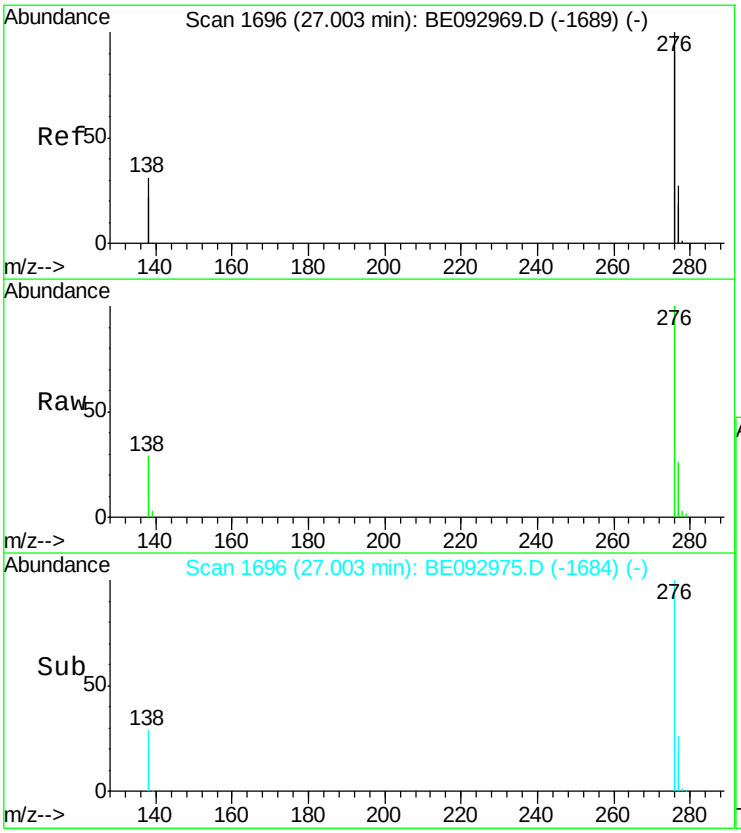
Tgt Ion:278 Resp: 3748

Ion	Ratio	Lower	Upper
278	100		
139	24.7	21.4	32.0
279	27.3	22.2	33.2



Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
5/11/2017 8:33:11 AM



#38
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BE092975.D
Acq: 10 May 2017 9:46

Tgt Ion:276 Resp: 16313

Ion	Ratio	Lower	Upper
276	100		
277	26.3	21.2	31.8
138	28.7	24.5	36.7