Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE030117\
Data File : BE092777.D
Acq On : 1 Mar 2017 10:47
Operator : SJ/MA
Sample : PB97227BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 01 12:57:07 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE021517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	13165	5.00	ng		-0.02
7) Naphthalene-d8	10.88	136	54446	5.00	ng		-0.02
12) Acenaphthene-d10	14.75	164	28191	5.00	ng		-0.02
18) Phenanthrene-d10	17.51	188	59420	5.00	ng		0.00
24) Chrysene-d12	21.68	240	87525	5.00	ng		-0.02
31) Perylene-d12	24.01	264	89235	5.00	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.60	112	21634	8.45	ng		-0.03
5) Phenol-d6	7.27	99	29256	9.31	ng		-0.05
8) Nitrobenzene-d5	9.27	82	12861	3.52	ng		-0.05
13) 2,4,6-Tribromophenol	16.25	330	6682	11.17	ng		-0.03
14) 2-Fluorobiphenyl	13.36	172	27833	4.05	ng		-0.03
26) Terphenyl-d14	20.12	244	37008	3.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.33	88	4842	2.94	ng	#	72
3) n-Nitrosodimethylamine	3.68	42	7784	3.28	ng	#	99
6) bis(2-Chloroethyl)ether	7.52	93	12681	3.65	ng		91
9) Naphthalene	10.91	128	38848	3.30	ng	#	95
10) Hexachlorobutadiene	11.20	225	5898	3.40	ng		99
11) 2-Methylnaphthalene	12.56	142	25325	3.42	ng	#	87
15) Acenaphthylene	14.46	152	163968	3.85	ng		100
16) Acenaphthene	14.82	154	23838	3.86	ng		90
17) Fluorene	15.80	166	31836	4.01	ng		99
19) Hexachlorobenzene	16.82	284	9280	4.04	ng	#	66
20) Pentachlorophenol	17.16	266	6986	10.28	ng	#	82
21) Phenanthrene	17.53	178	52582	3.72	ng	#	94
22) Anthracene	17.63	178	52866	4.07	ng		98
23) Fluoranthene	19.54	202	250271	4.13	ng		99
25) Pyrene	19.90	202	267675	3.21	ng		100
27) Benzo(a)anthracene	21.66	228	579516	6.83	ng		98
28) Chrysene	21.66	228	580789	5.77	ng	#	81
29) Bis(2-ethylhexyl)phthalate	21.59	149	27523	2.38	ng	#	67
30) Indeno(1,2,3-cd)pyrene	26.45	276	380874	3.65	ng		97
32) Benzo(b)fluoranthene	23.34	252	78870	3.37	ng		96
33) Benzo(k)fluoranthene	23.34	252	79431	3.19	ng		94
34) Benzo(a)pyrene	23.90	252	80366	3.50	ng	#	95
35) Dibenzo(a,h)anthracene	26.48	278	78758	3.49	ng		95
36) Benzo(g,h,i)perylene	27.21	276	328702	3.52	ng		97

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 15 17:05:20 2017
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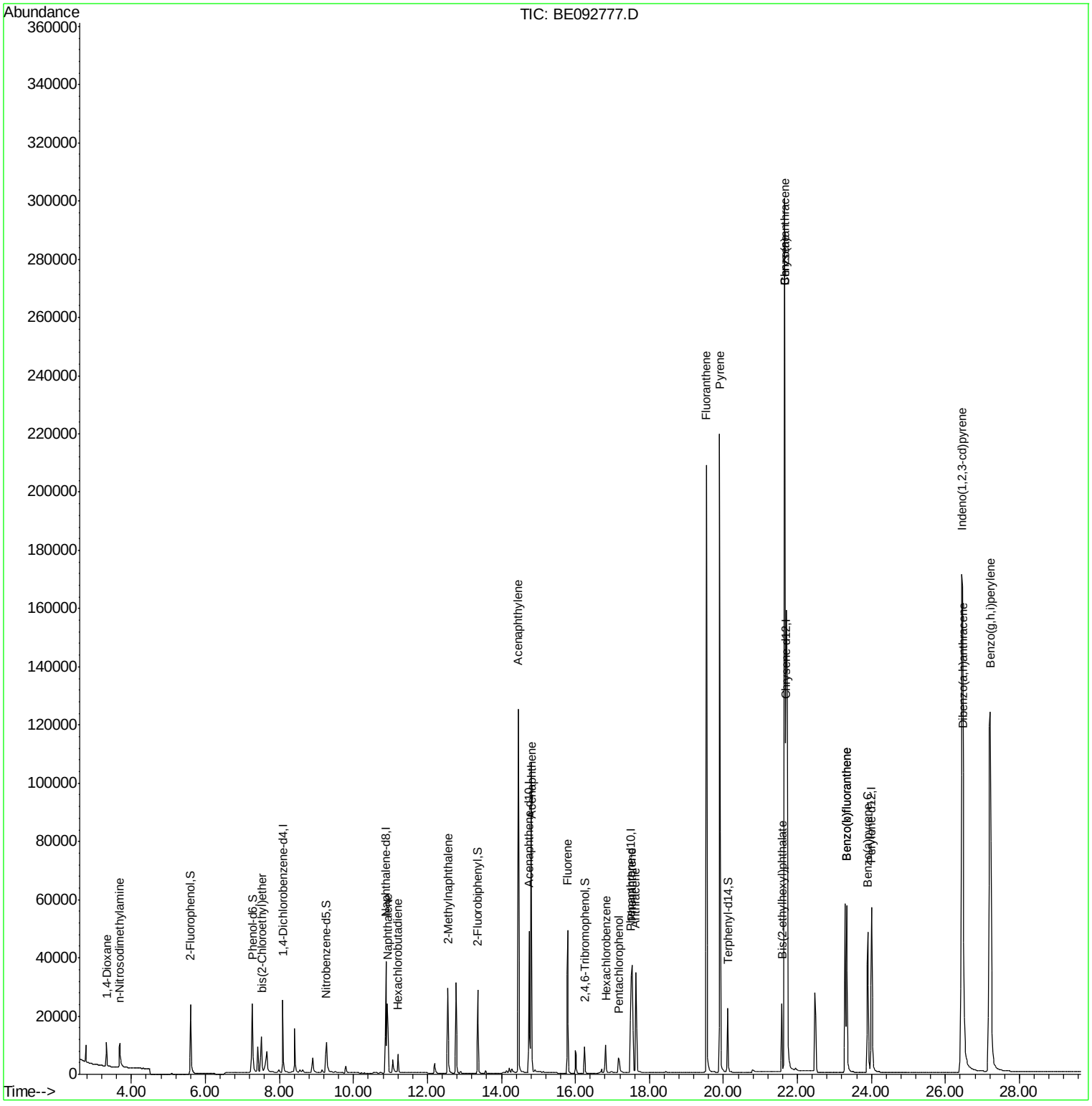
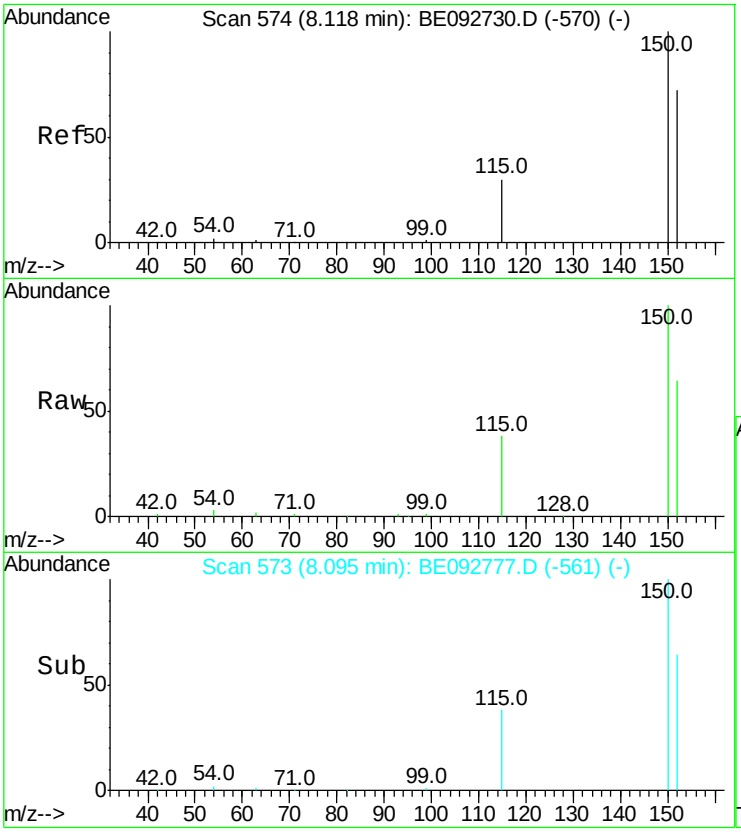


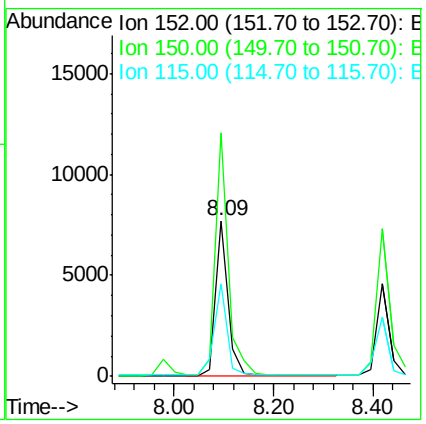


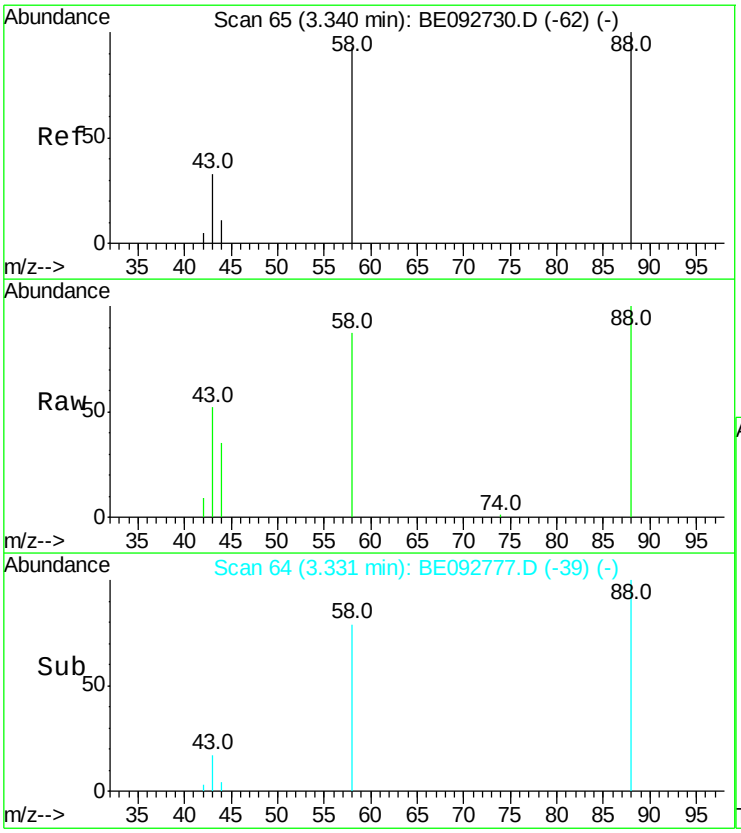
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.09 min Scan# 573
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13165

Ion	Ratio	Lower	Upper
152	100		
150	156.8	106.0	159.0
115	60.0	31.2	46.8#

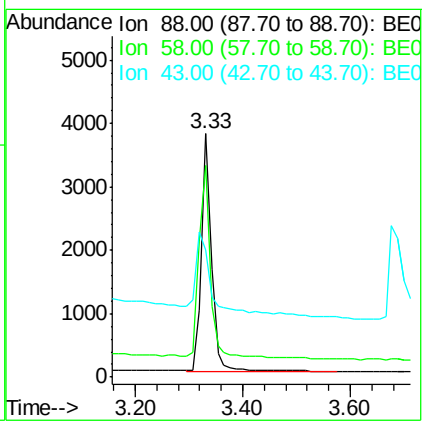


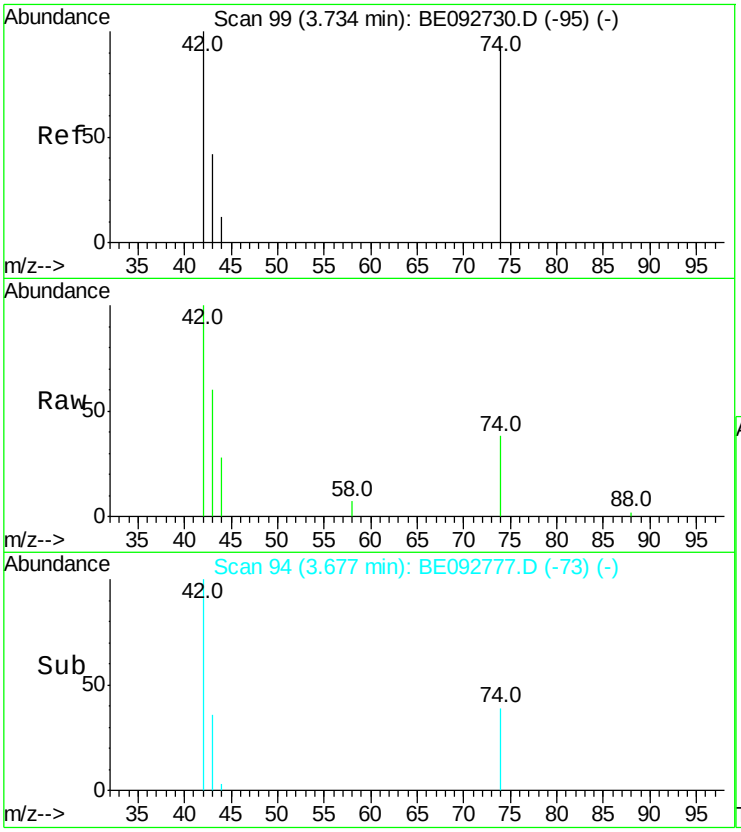


#2
1,4-Dioxane
Concen: 2.94 ng
RT: 3.33 min Scan# 64
Delta R.T. -0.01 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion: 88 Resp: 4842

Ion	Ratio	Lower	Upper
88	100		
58	94.5	63.6	95.4
43	64.8	28.0	42.0#



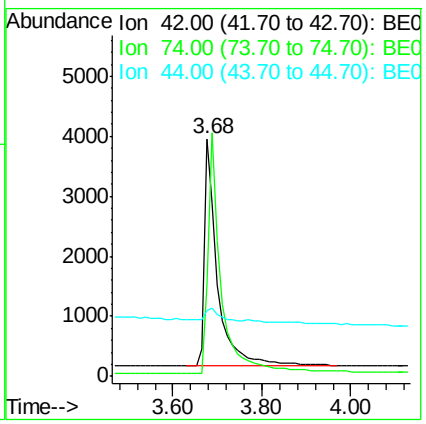


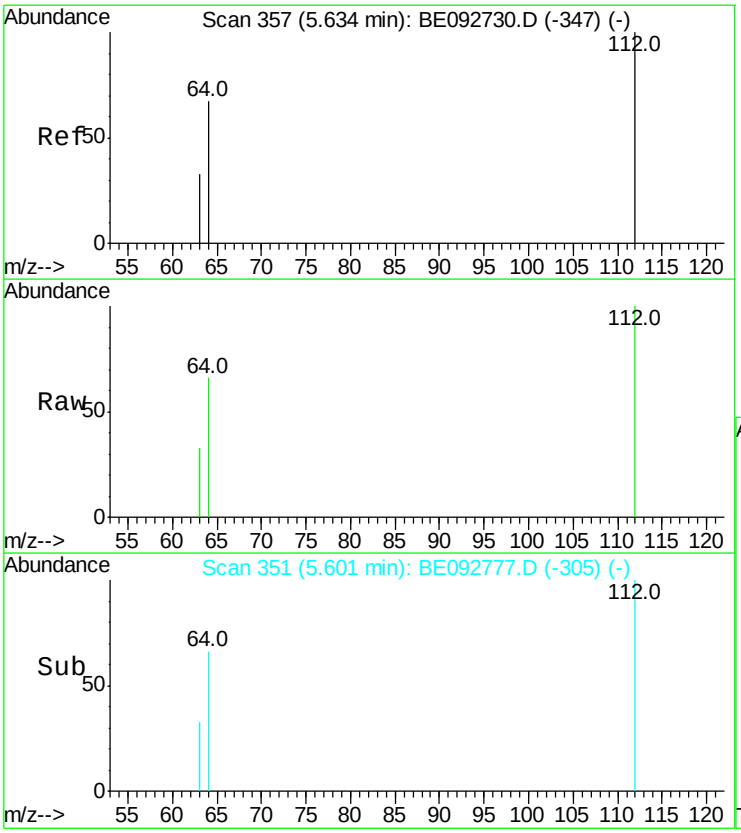
#3
n-Nitrosodimethylamine
Concen: 3.28 ng
RT: 3.68 min Scan# 94
Delta R.T. -0.06 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 7784

Ion	Ratio	Lower	Upper
42	100		
74	107.6	86.0	129.0
44	9.6	5.1	7.7#

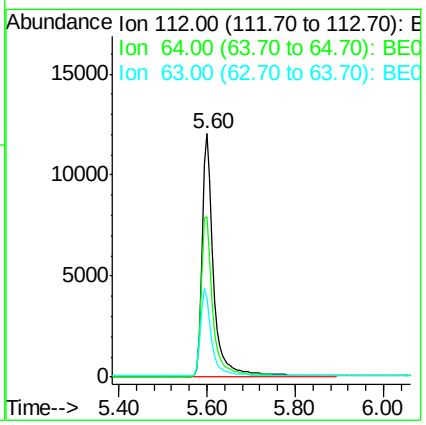


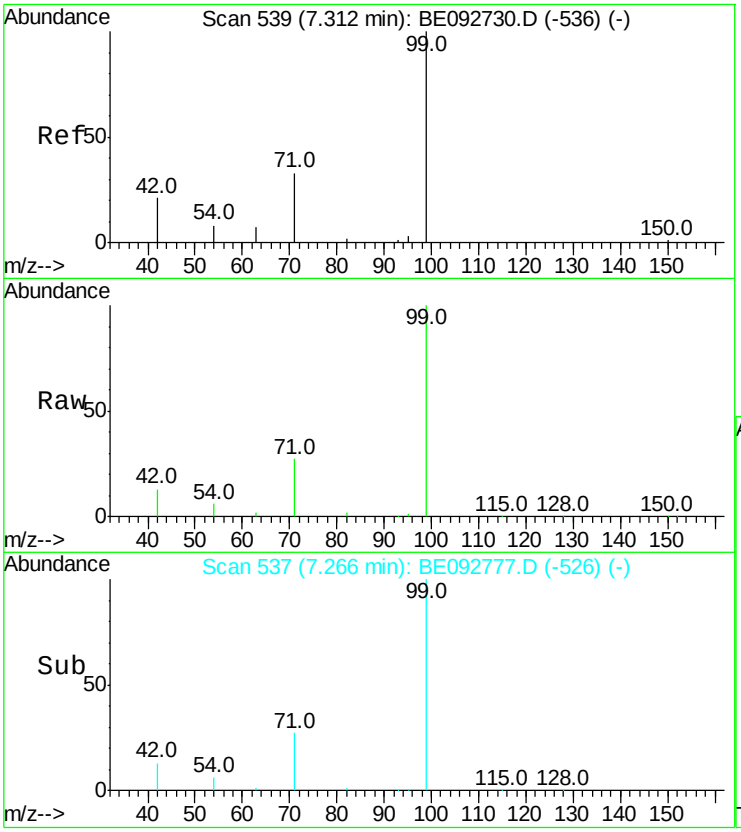


#4
2-Fluorophenol
Concen: 8.45 ng
RT: 5.60 min Scan# 351
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:112 Resp: 21634

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.2	27.9	41.9



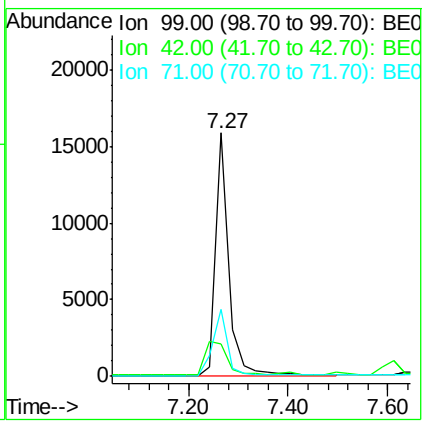


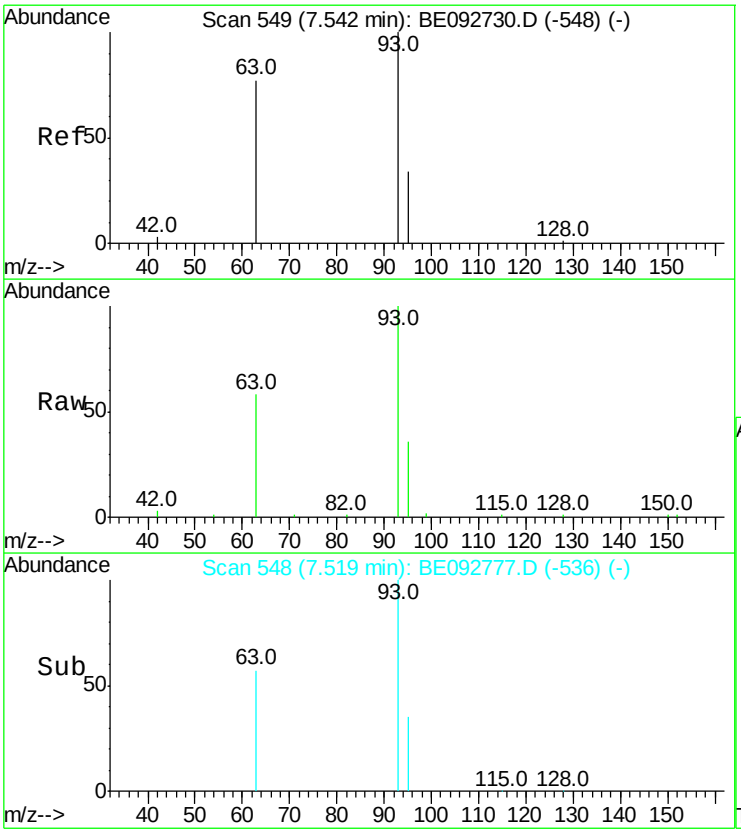
#5
Phenol-d6
Concen: 9.31 ng
RT: 7.27 min Scan# 537
Delta R.T. -0.05 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 29256

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	31.5	30.6	45.8

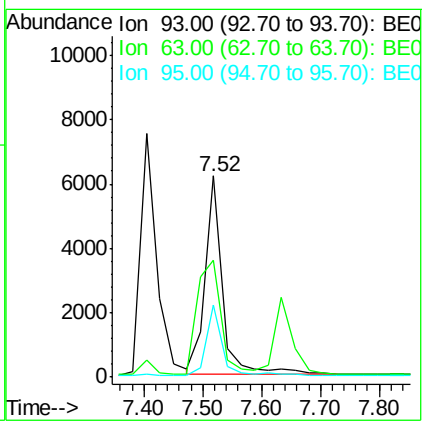


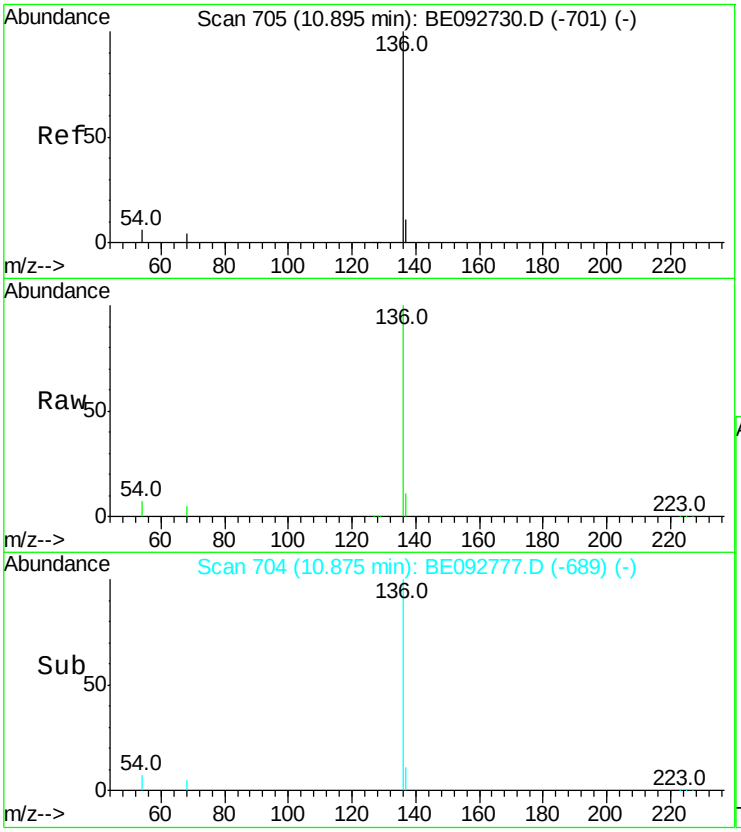


#6
bis(2-Chloroethyl)ether
Concen: 3.65 ng
RT: 7.52 min Scan# 548
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion: 93 Resp: 12681

Ion	Ratio	Lower	Upper
93	100		
63	79.7	71.6	107.4
95	32.7	24.0	36.0



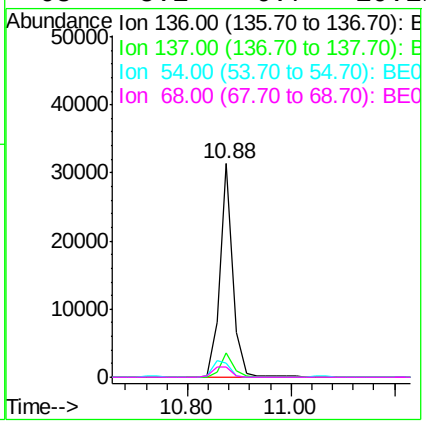


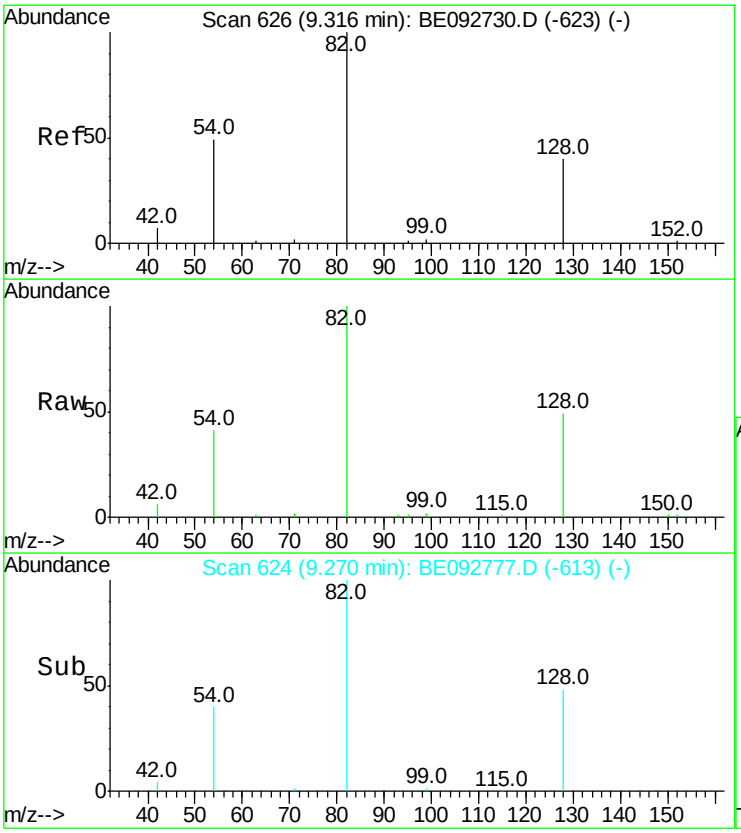
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.88 min Scan# 704
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 54446

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.7	9.6	14.4#
68	5.1	6.7	10.1#

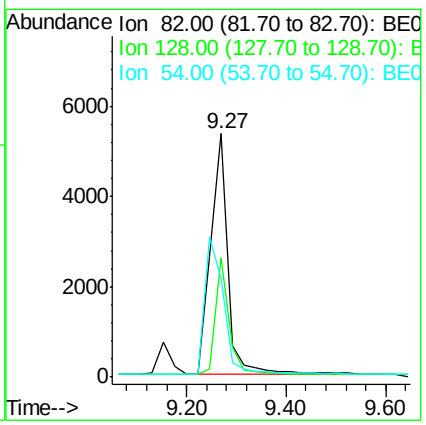


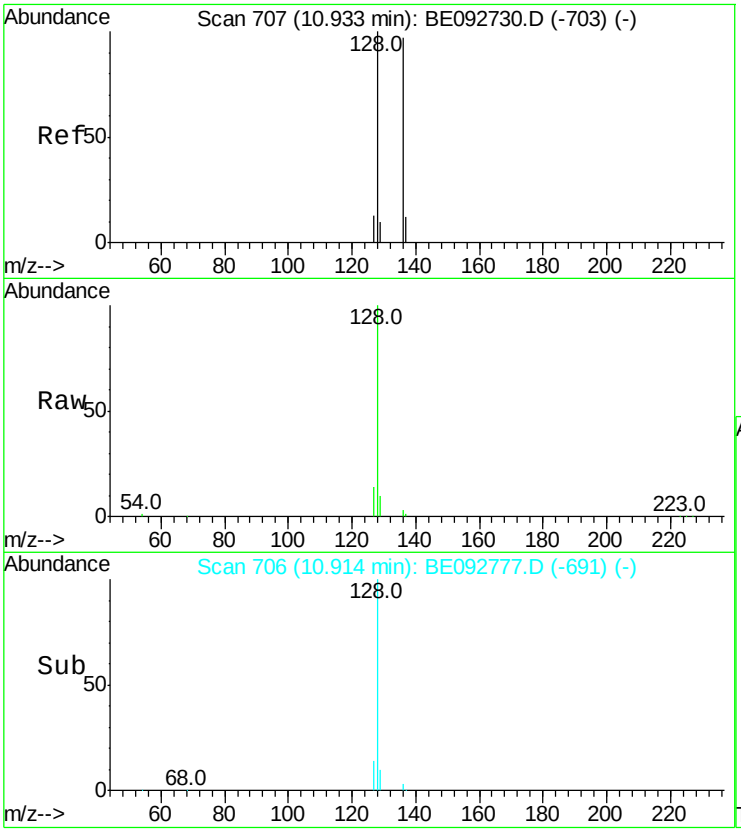


#8
Nitrobenzene-d5
Concen: 3.52 ng
RT: 9.27 min Scan# 624
Delta R.T. -0.05 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion: 82 Resp: 12861

Ion	Ratio	Lower	Upper
82	100		
128	49.0	39.0	58.4
54	40.5	44.8	67.2#



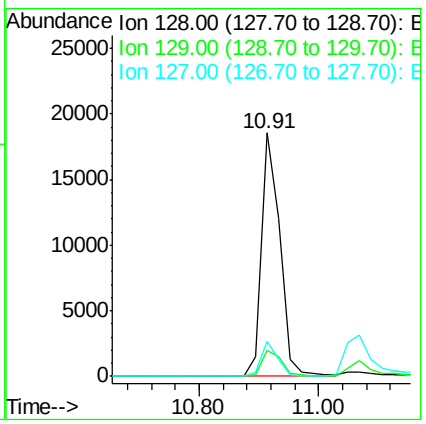


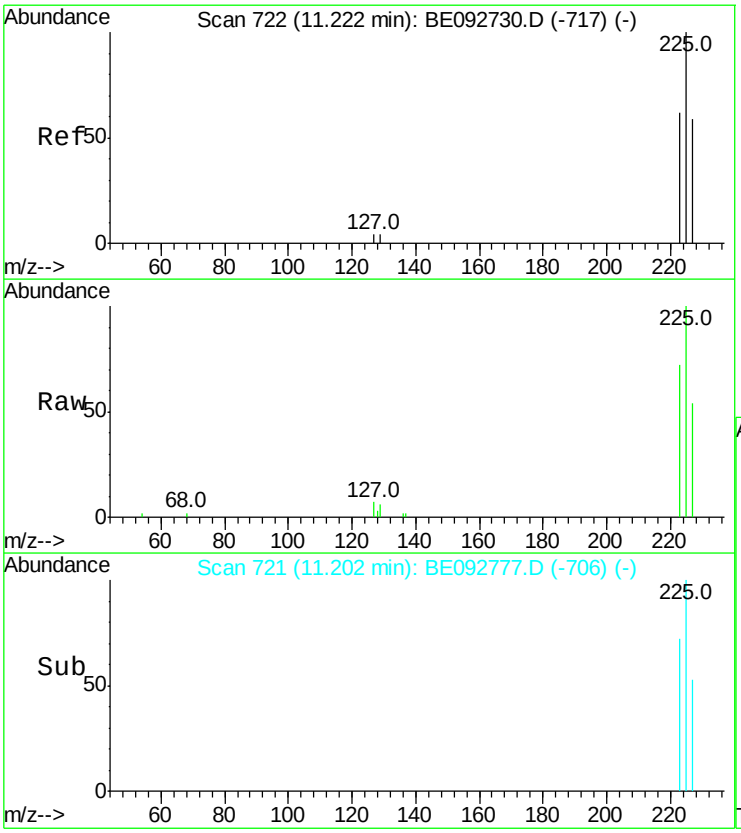
#9
Naphthalene
Concen: 3.30 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 38848

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.2	16.8#
127	14.3	11.6	17.4

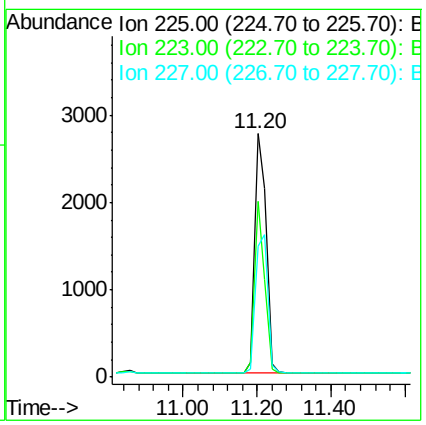


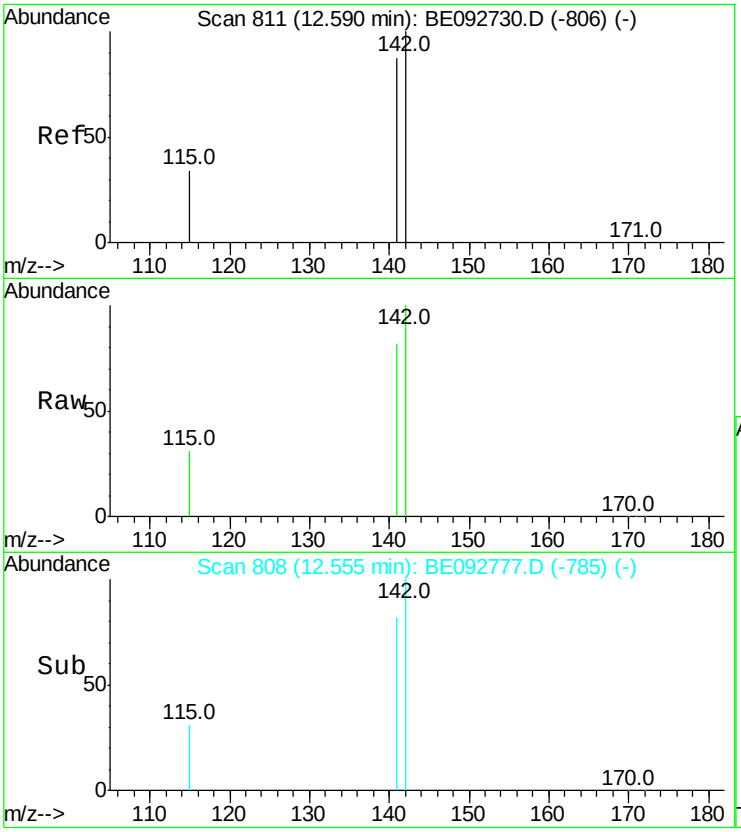


#10
Hexachlorobutadiene
Concen: 3.40 ng
RT: 11.20 min Scan# 721
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:225 Resp: 5898

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	62.8	51.4	77.0



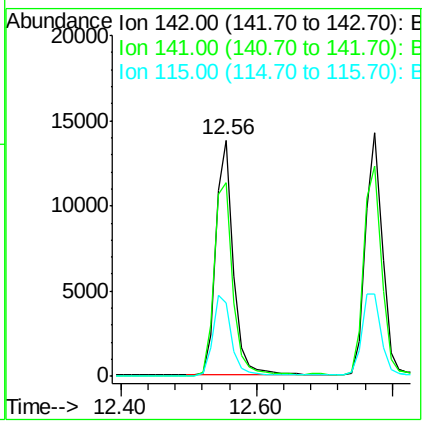


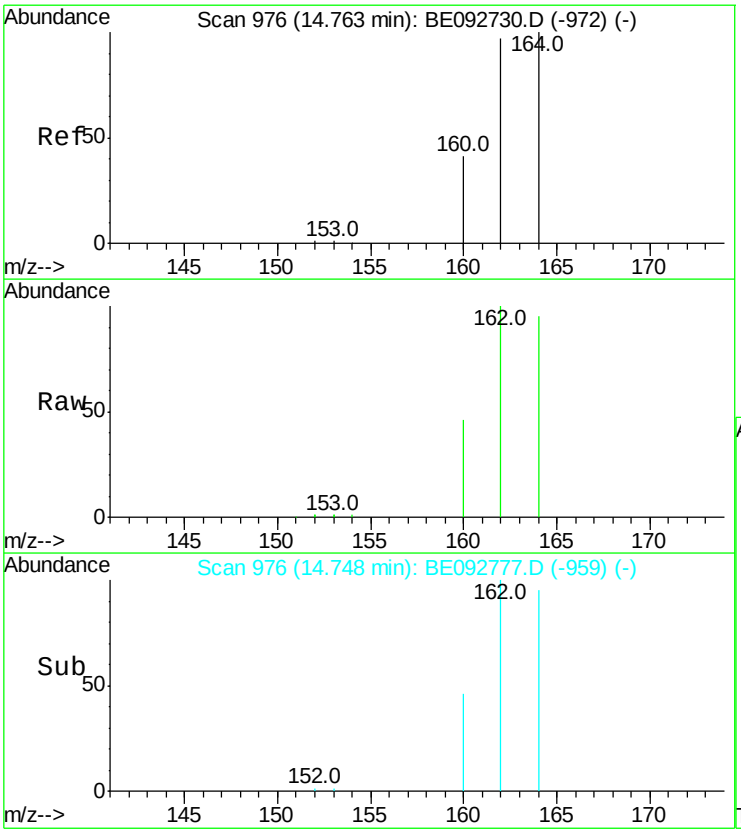
#11
2-Methylnaphthalene
Concen: 3.42 ng
RT: 12.56 min Scan# 808
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 25325

Ion	Ratio	Lower	Upper
142	100		
141	81.8	73.7	110.5
115	30.9	34.0	51.0#

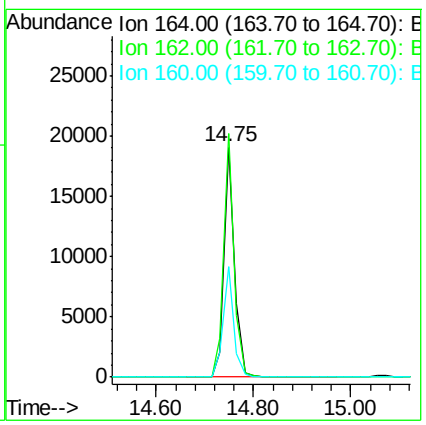


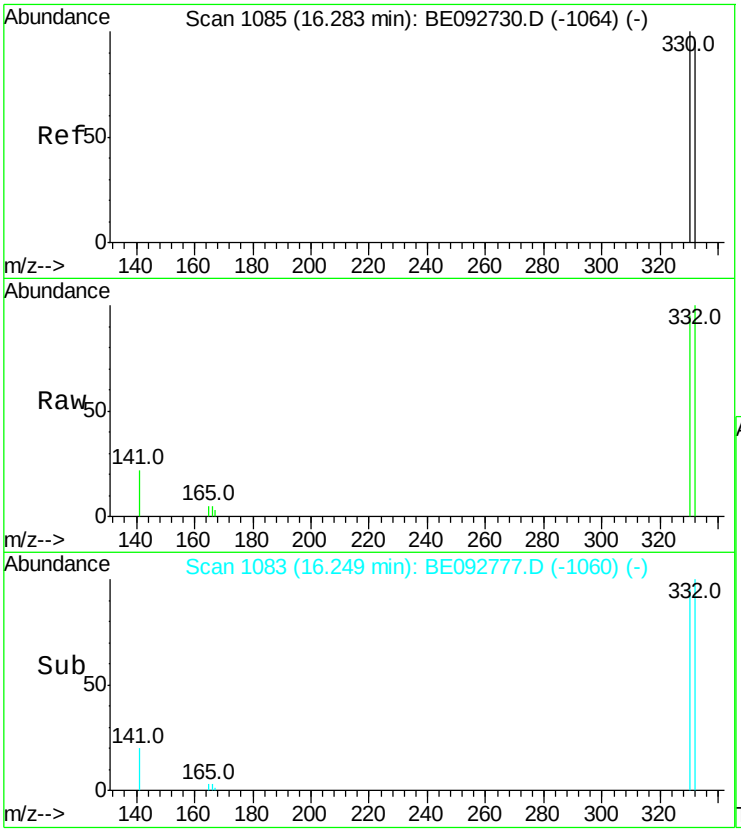


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.75 min Scan# 976
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:164 Resp: 28191

Ion	Ratio	Lower	Upper
164	100		
162	105.8	71.4	107.0
160	48.3	27.4	41.2#



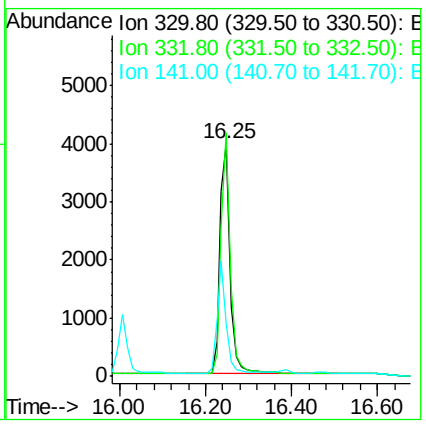


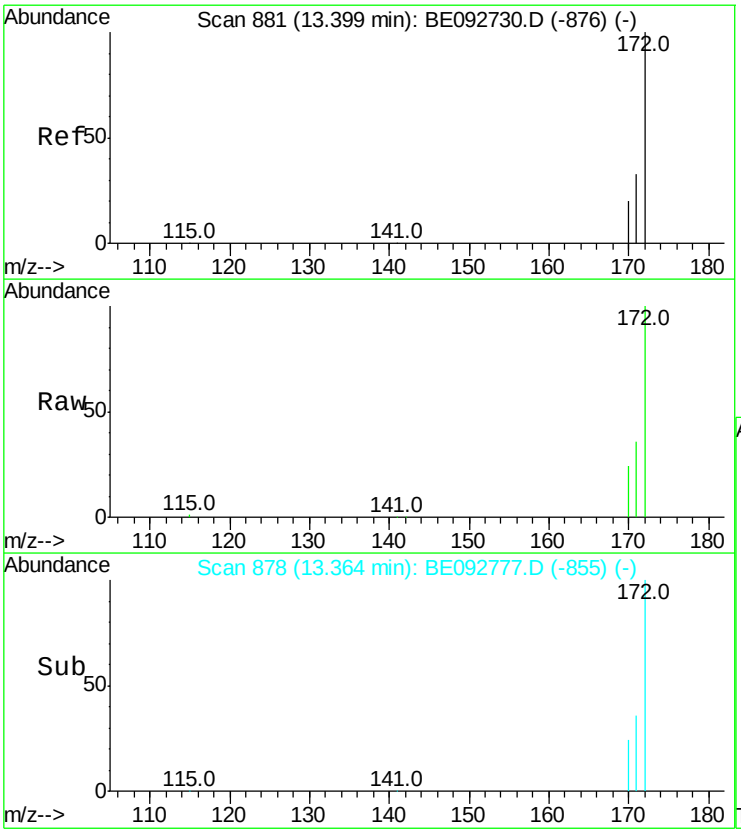
#13
2,4,6-Tribromophenol
Concen: 11.17 ng
RT: 16.25 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 6682

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.0
141	43.3	31.0	46.6

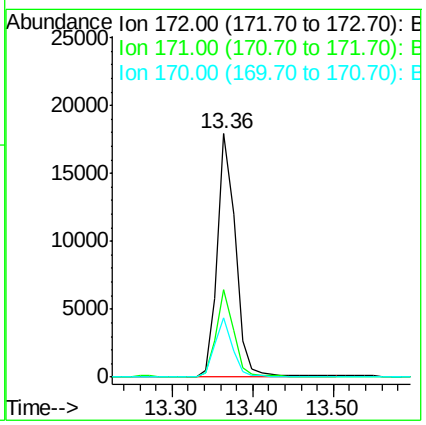


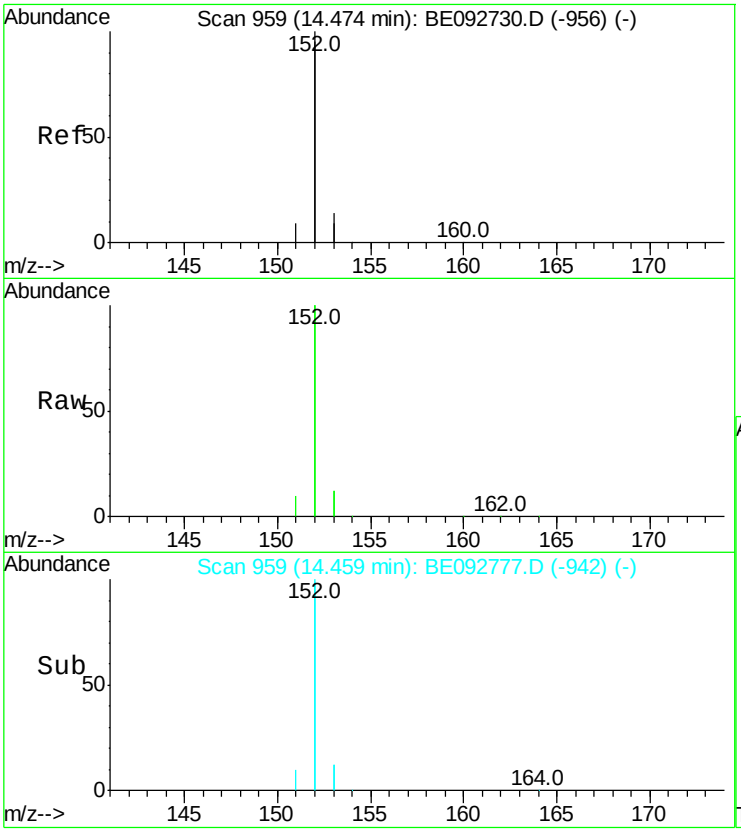


#14
2-Fluorobiphenyl
Concen: 4.05 ng
RT: 13.36 min Scan# 878
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:172 Resp: 27833

Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.1	45.1
170	24.3	21.8	32.6



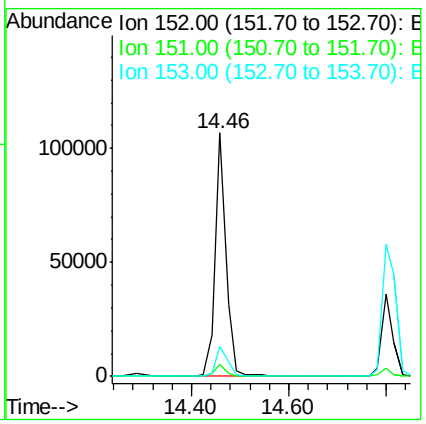


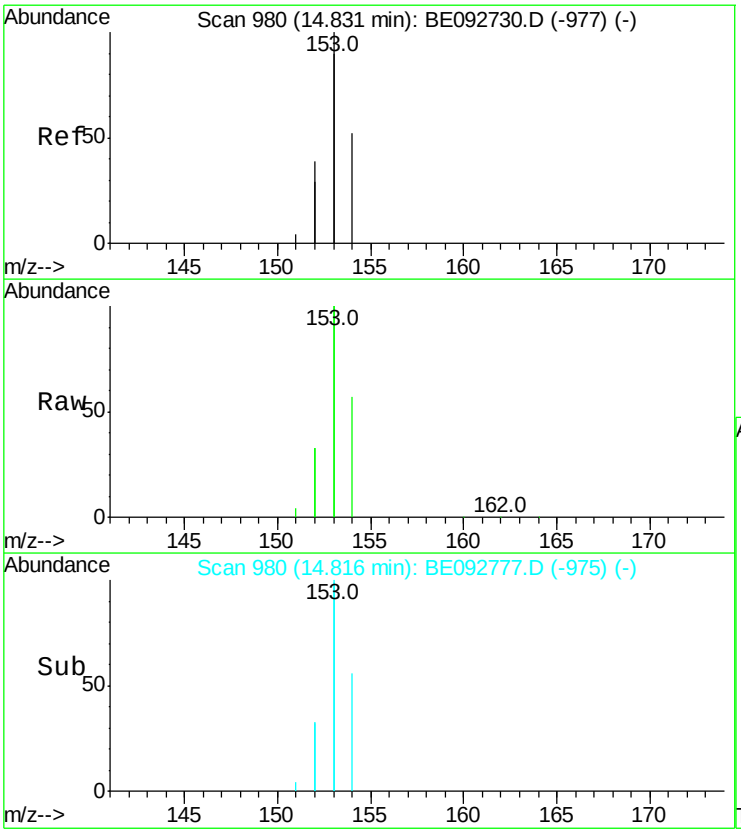
#15
Acenaphthylene
Concen: 3.85 ng
RT: 14.46 min Scan# 959
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 163968

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

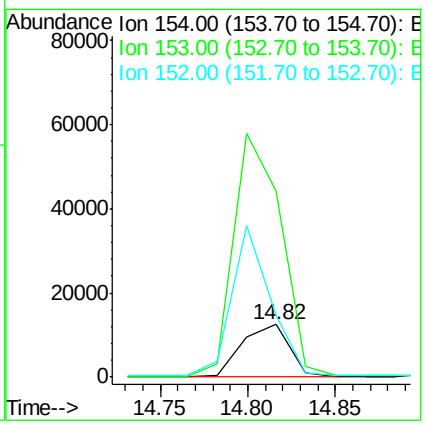


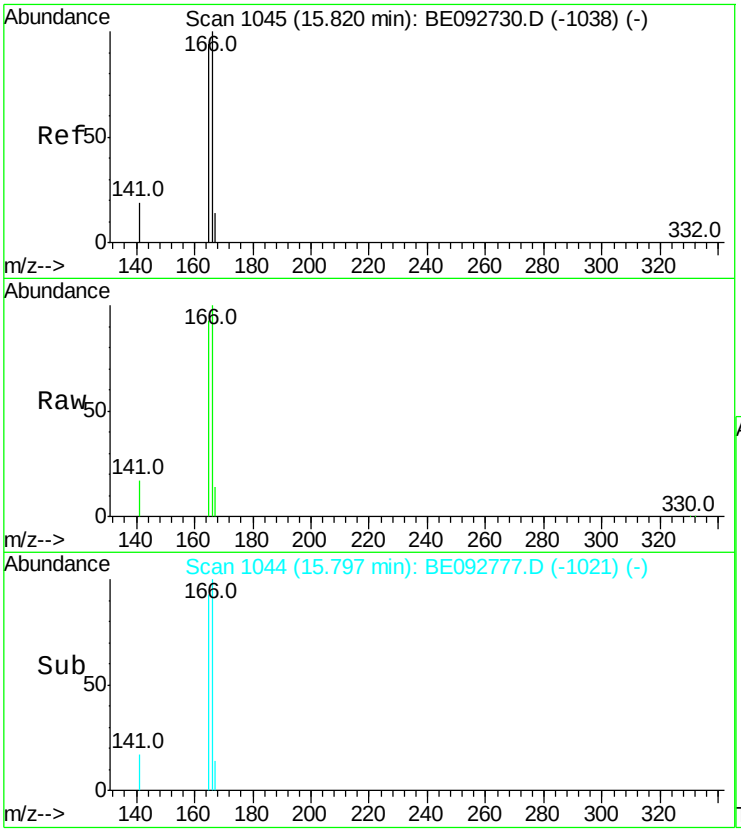


#16
Acenaphthene
Concen: 3.86 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:154 Resp: 23838

Ion	Ratio	Lower	Upper
154	100		
153	460.2	350.8	526.2
152	234.0	171.1	256.7



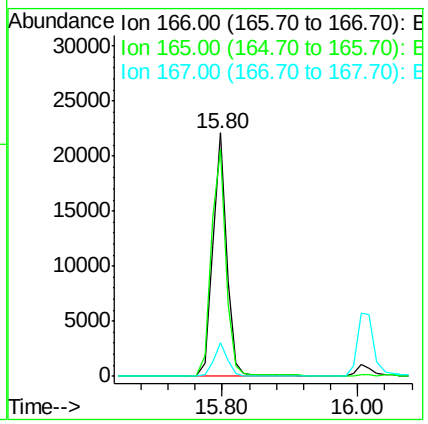


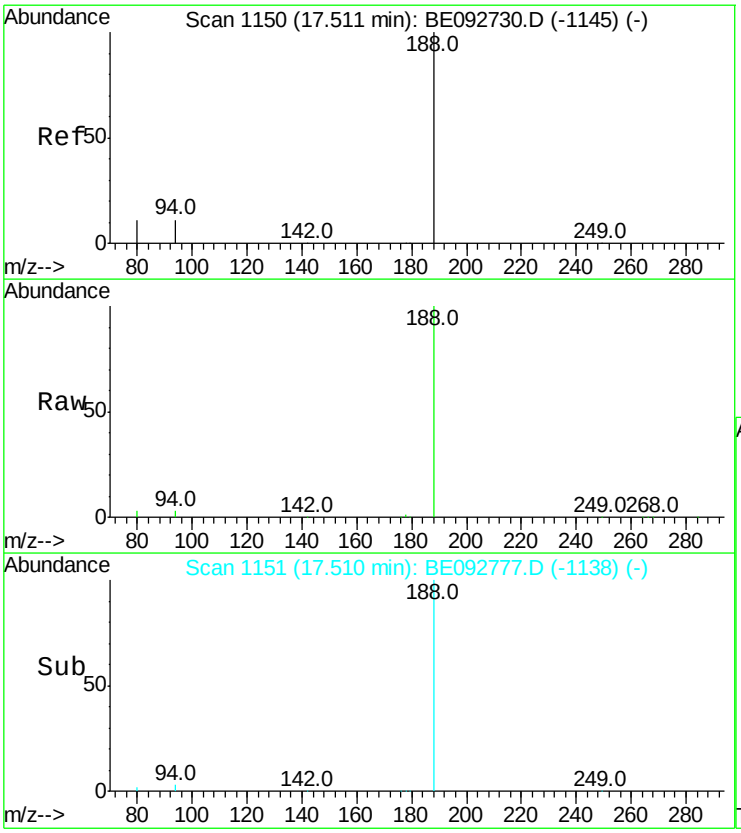
#17
Fluorene
Concen: 4.01 ng
RT: 15.80 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 31836

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.5	11.0	16.4

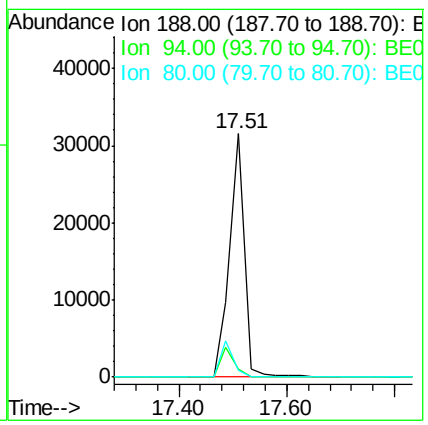


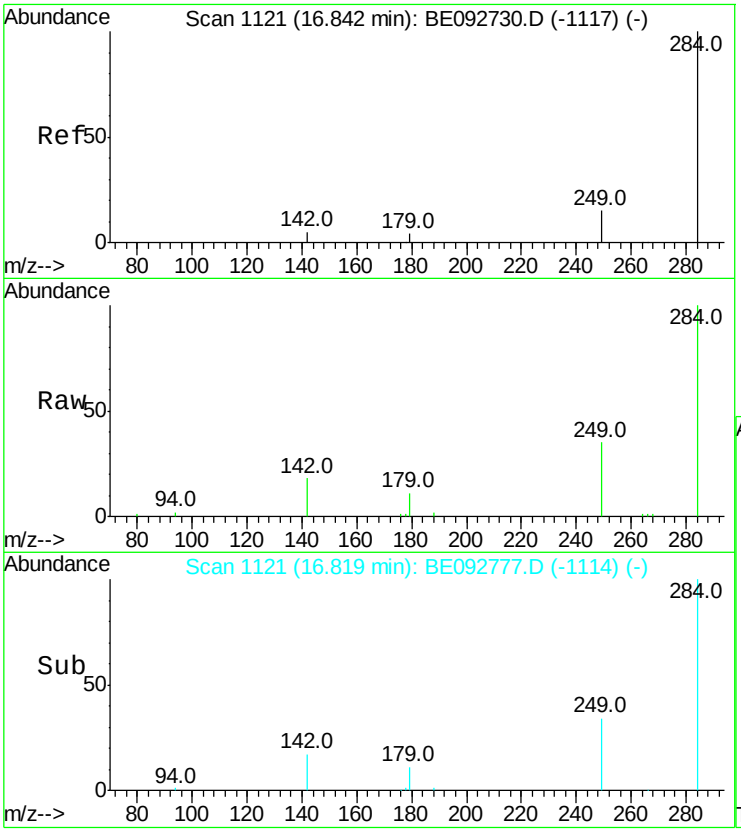


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.51 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:188 Resp: 59420

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



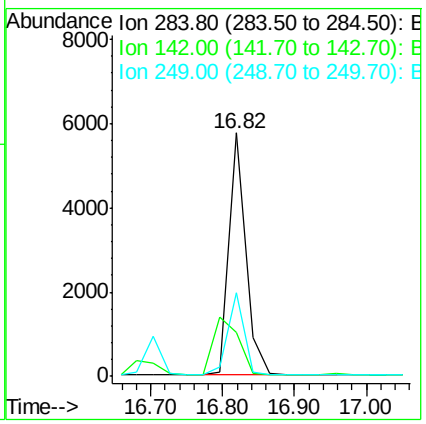


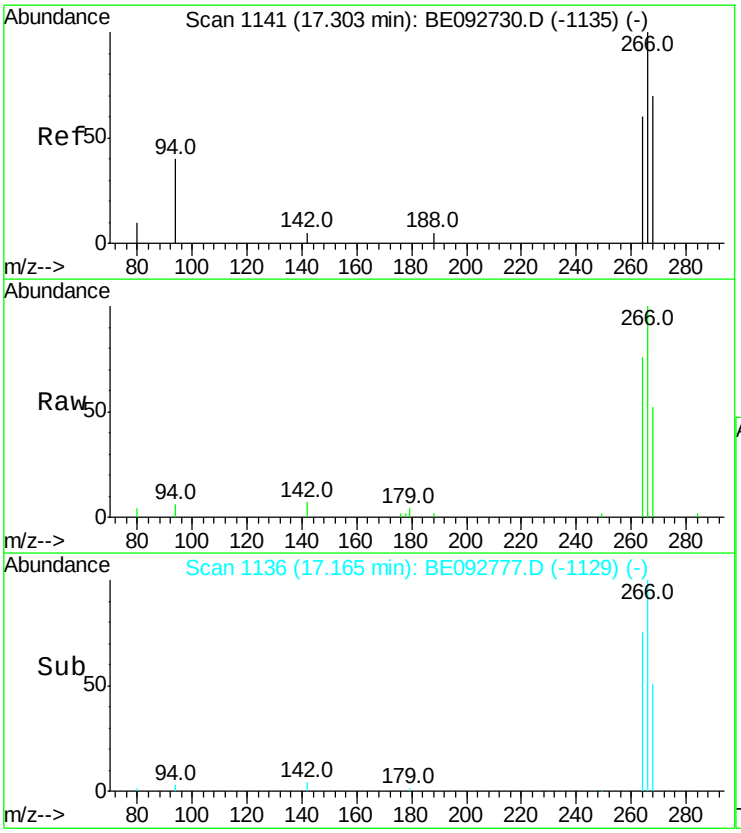
#19
Hexachlorobenzene
Concen: 4.04 ng
RT: 16.82 min Scan# 1121
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 9280

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.4	27.9	41.9

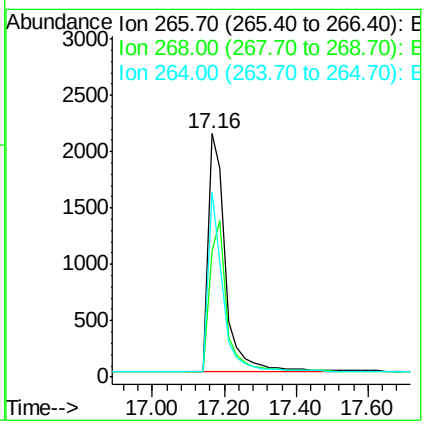


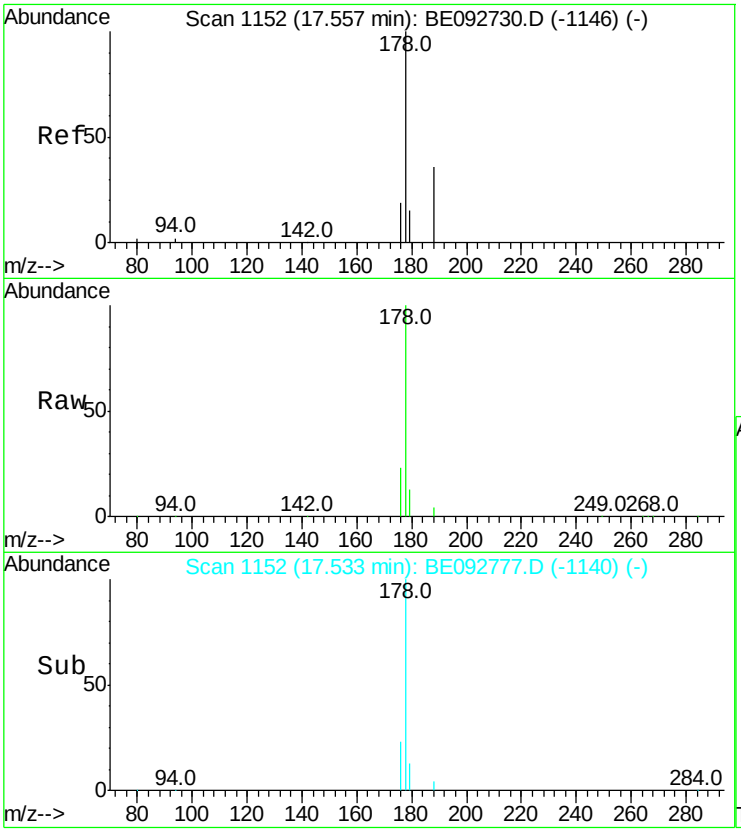


#20
Pentachlorophenol
Concen: 10.28 ng
RT: 17.16 min Scan# 1136
Delta R.T. -0.14 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:266 Resp: 6986

Ion	Ratio	Lower	Upper
266	100		
268	51.8	62.5	93.7#
264	75.8	57.2	85.8



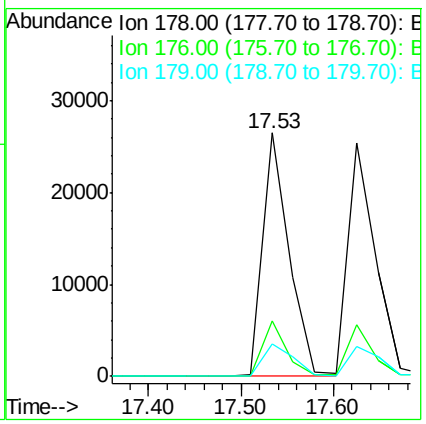


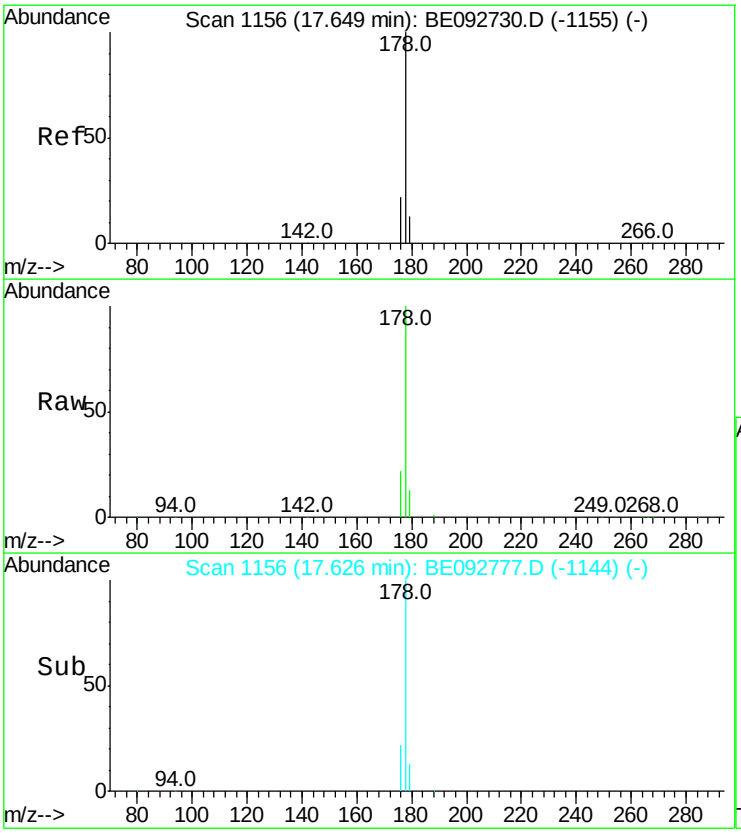
#21
Phenanthrene
Concen: 3.72 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 52582

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.8	23.8
179	14.8	16.0	24.0#

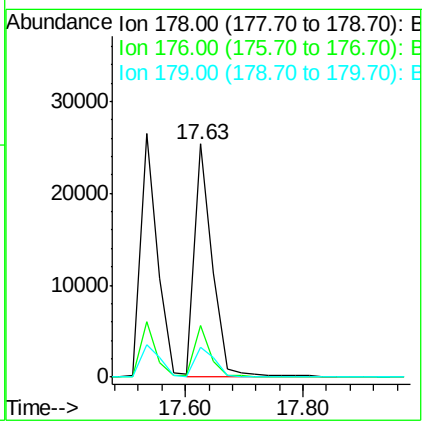


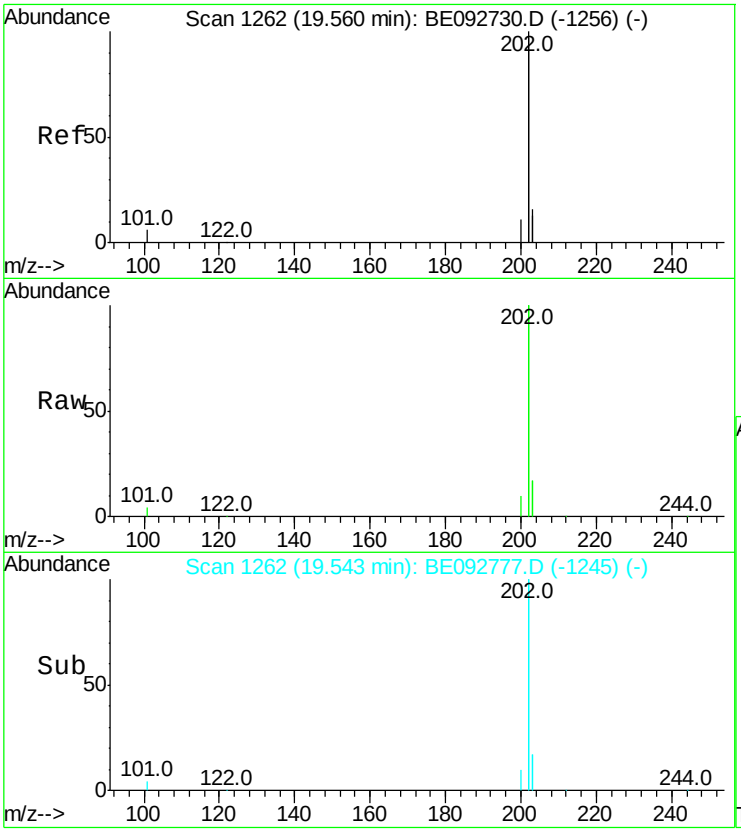


#22
Anthracene
Concen: 4.07 ng
RT: 17.63 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:178 Resp: 52866

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.8	12.2	18.2



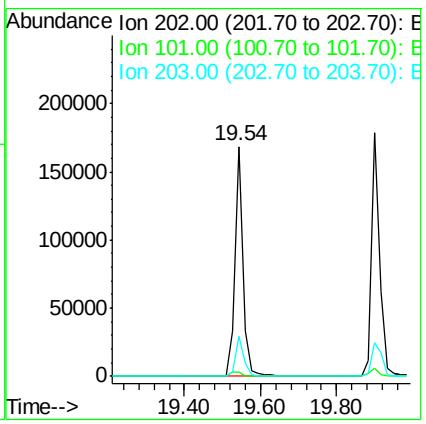


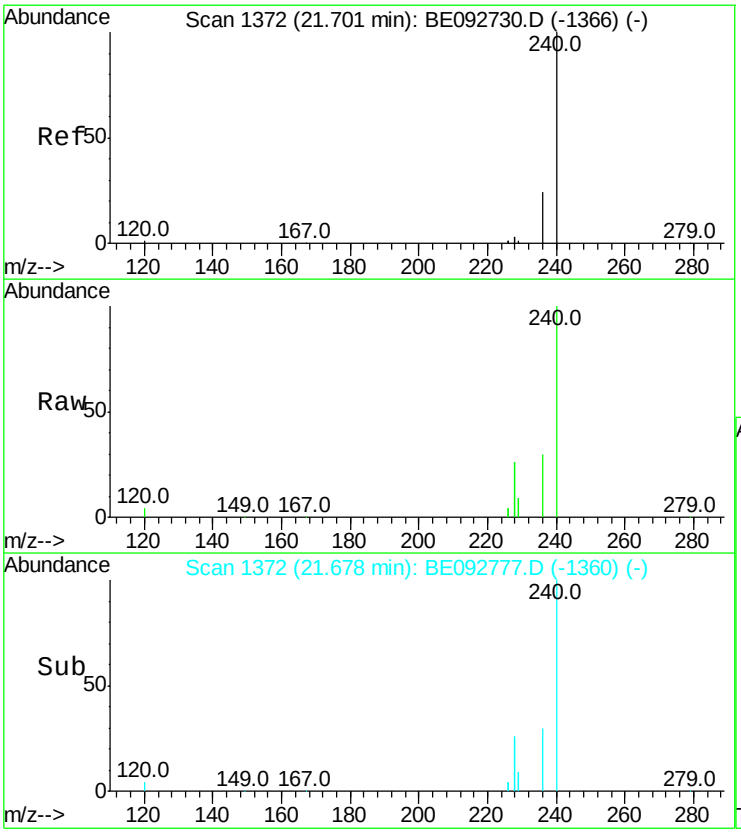
#23
Fluoranthene
Concen: 4.13 ng
RT: 19.54 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 250271

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.7	13.7	20.5

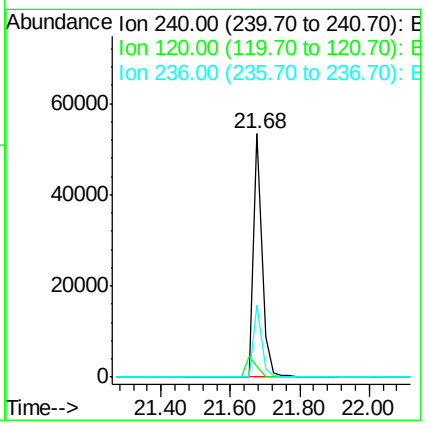


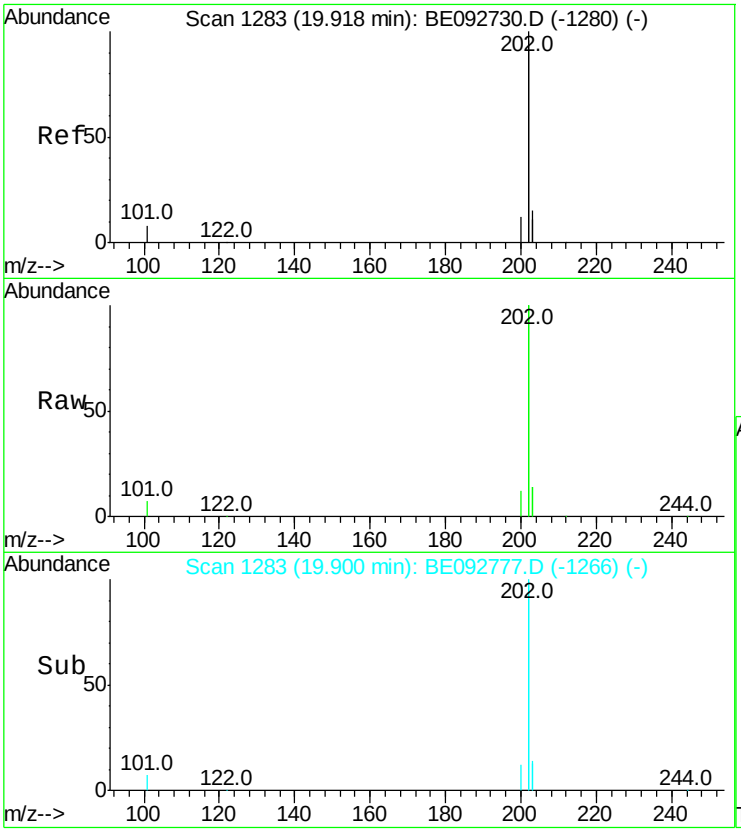


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.68 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:240 Resp: 87525

Ion	Ratio	Lower	Upper
240	100		
120	4.2	2.6	4.0#
236	29.8	24.6	37.0



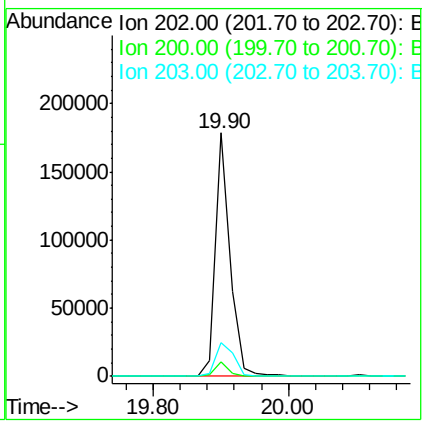


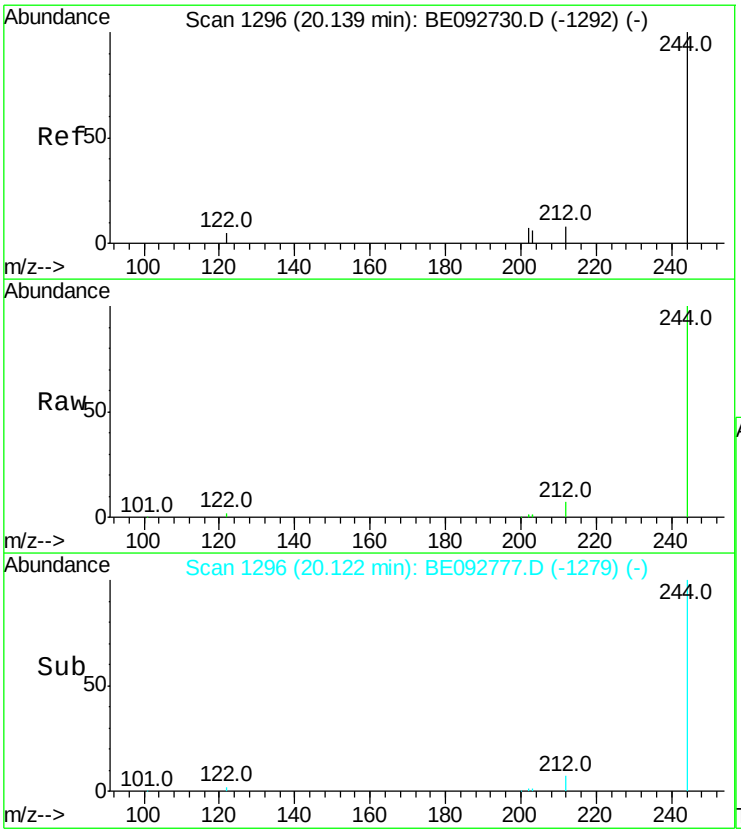
#25
Pyrene
Concen: 3.21 ng
RT: 19.90 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 267675

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.3	13.9	20.9

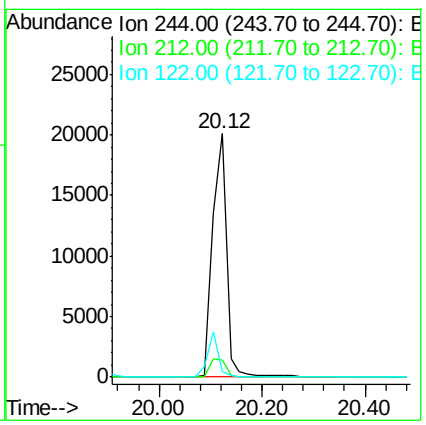


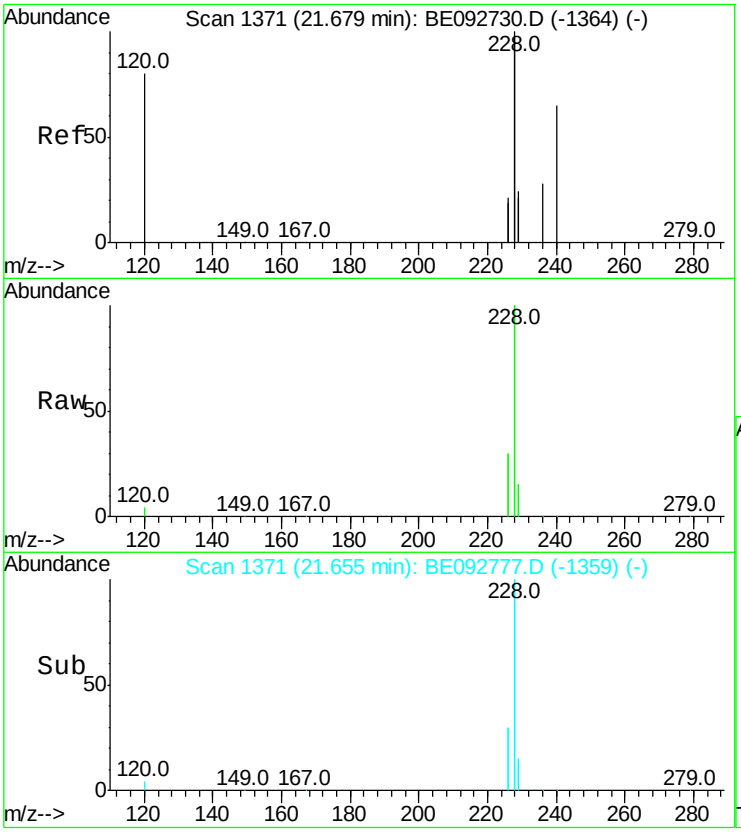


#26
Terphenyl-d14
Concen: 3.31 ng
RT: 20.12 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:244 Resp: 37008

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.7	10.1
122	2.0	3.6	5.4#



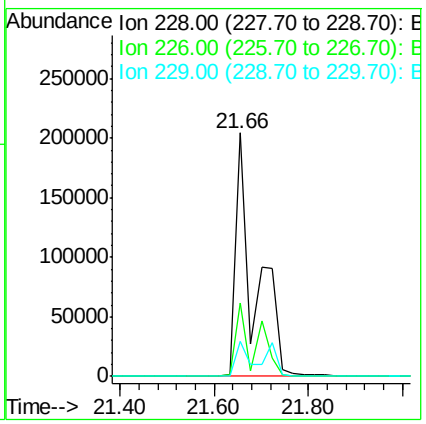


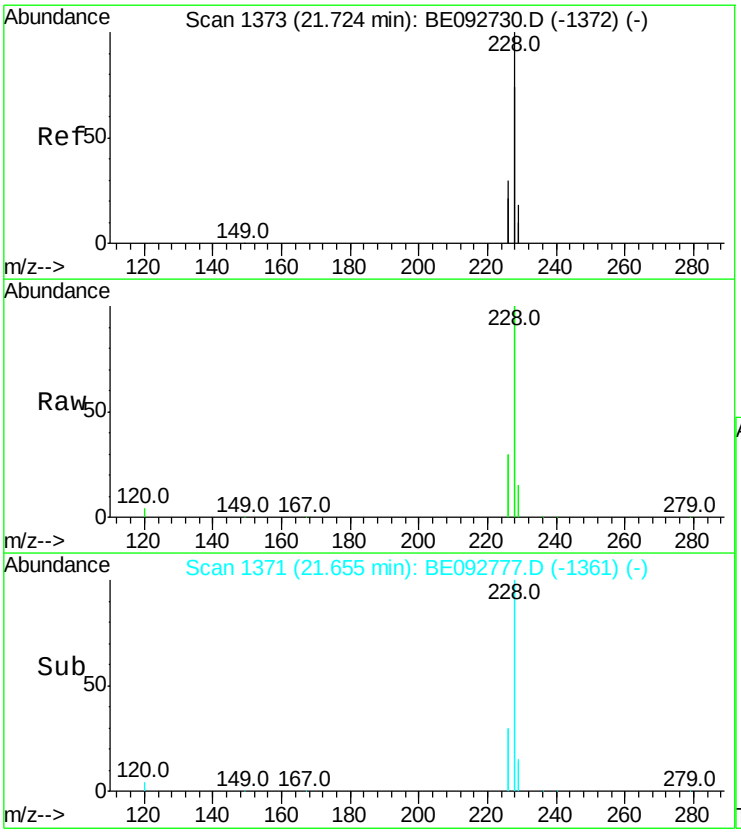
#27
Benzo(a)anthracene
Concen: 6.83 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 579516

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.6	35.4
229	14.5	13.3	19.9

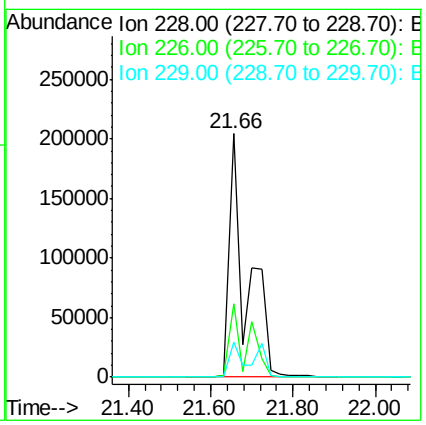


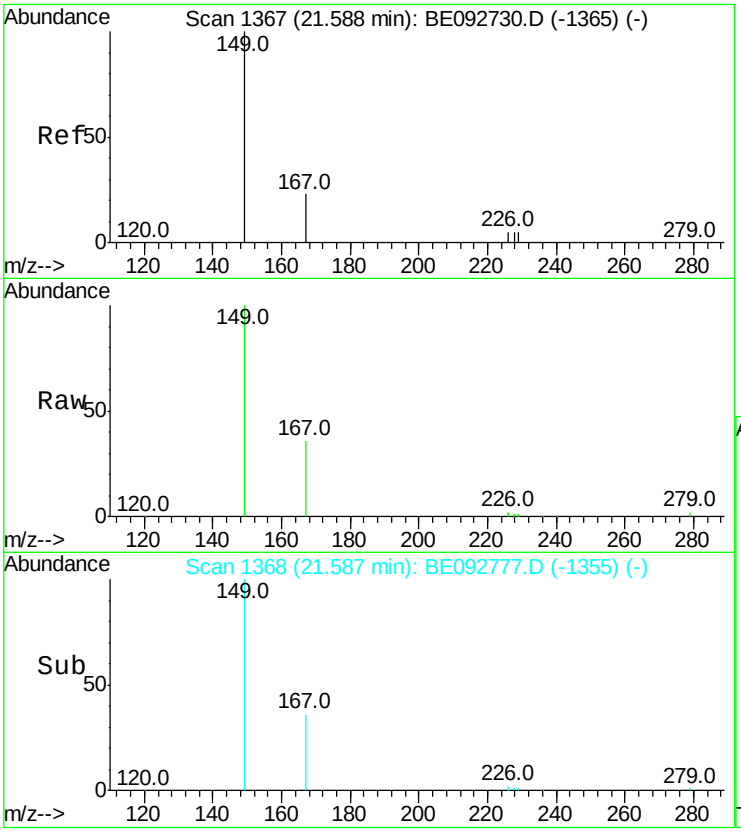


#28
Chrysene
Concen: 5.77 ng
RT: 21.66 min Scan# 1371
Delta R.T. -0.07 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:228 Resp: 580789

Ion	Ratio	Lower	Upper
228	100		
226	30.0	36.3	54.5#
229	14.5	10.6	16.0



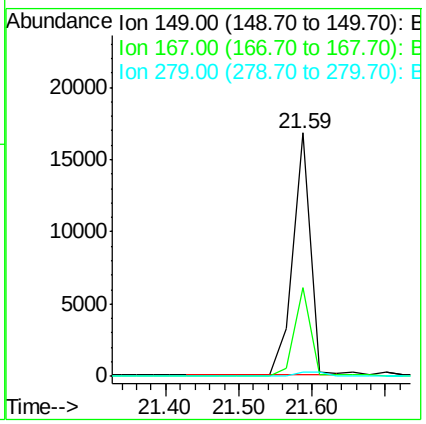


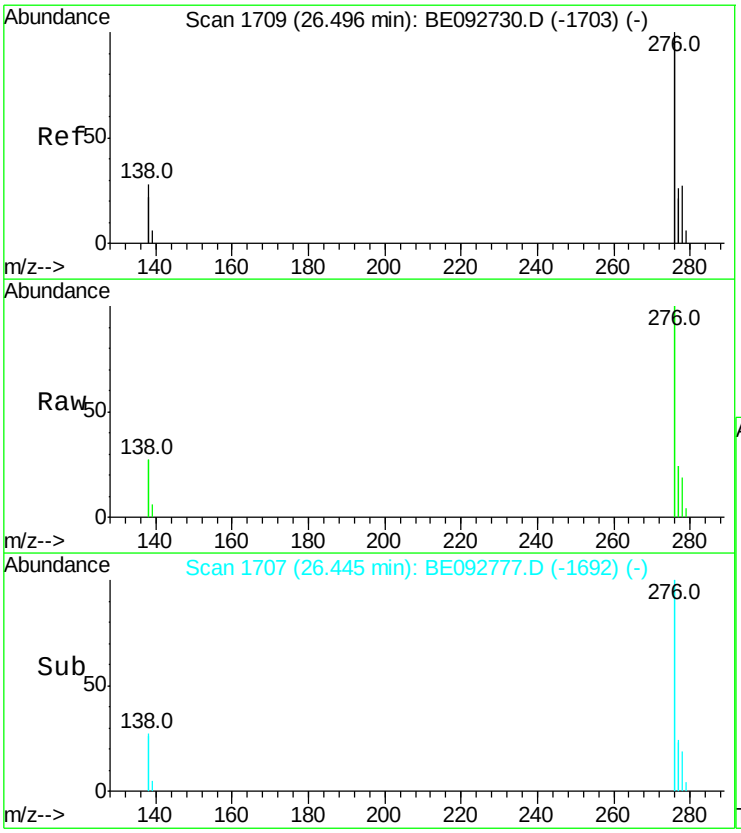
#29
Bis(2-ethylhexyl)phthalate
Concen: 2.38 ng
RT: 21.59 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 27523

Ion	Ratio	Lower	Upper
149	100		
167	33.1	16.0	24.0#
279	2.4	16.0	24.0#

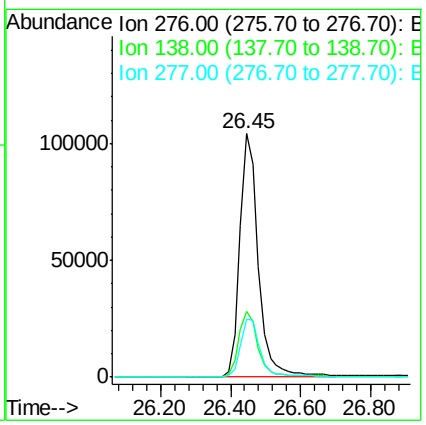


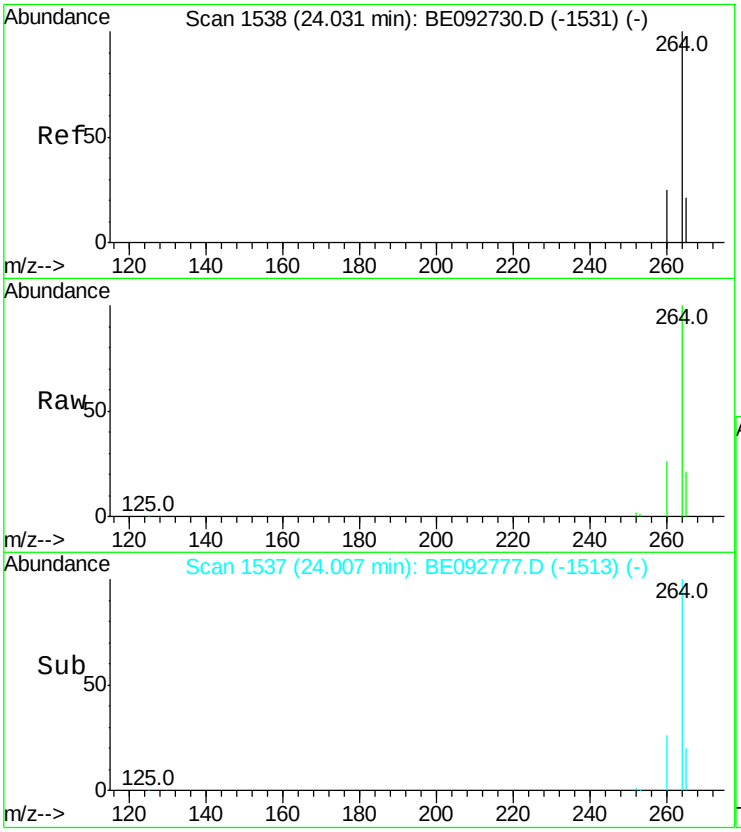


#30
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng
RT: 26.45 min Scan# 1707
Delta R.T. -0.05 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:276 Resp: 380874

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.3	30.5
277	24.8	19.7	29.5



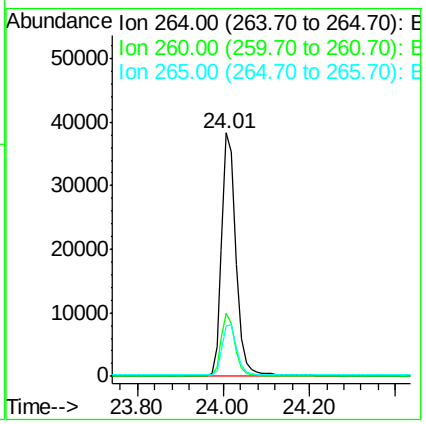


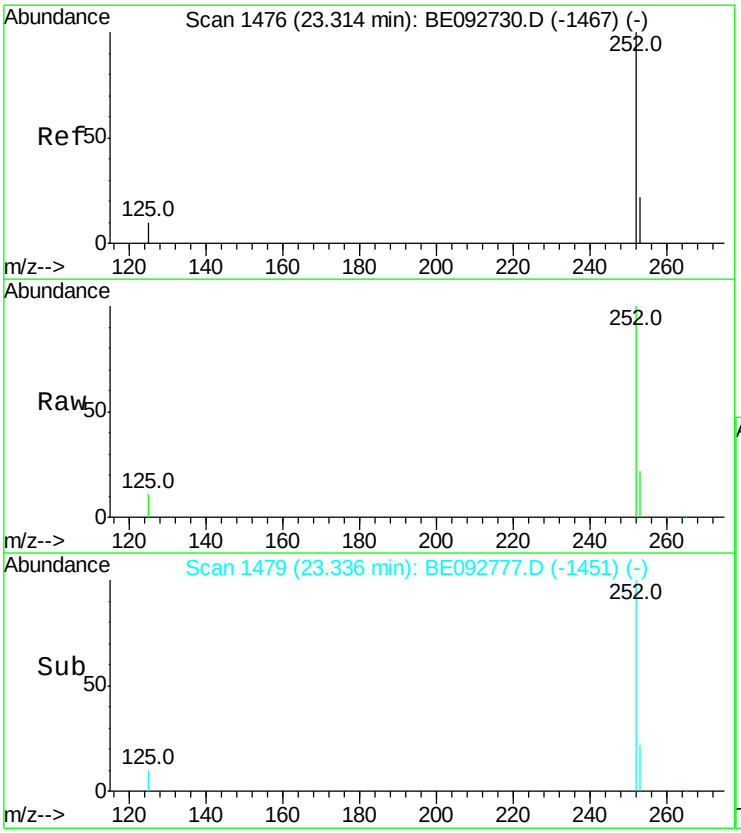
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.01 min Scan# 1537
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 89235

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	20.5	17.9	26.9

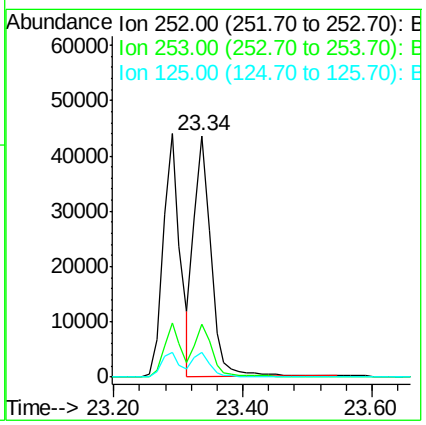


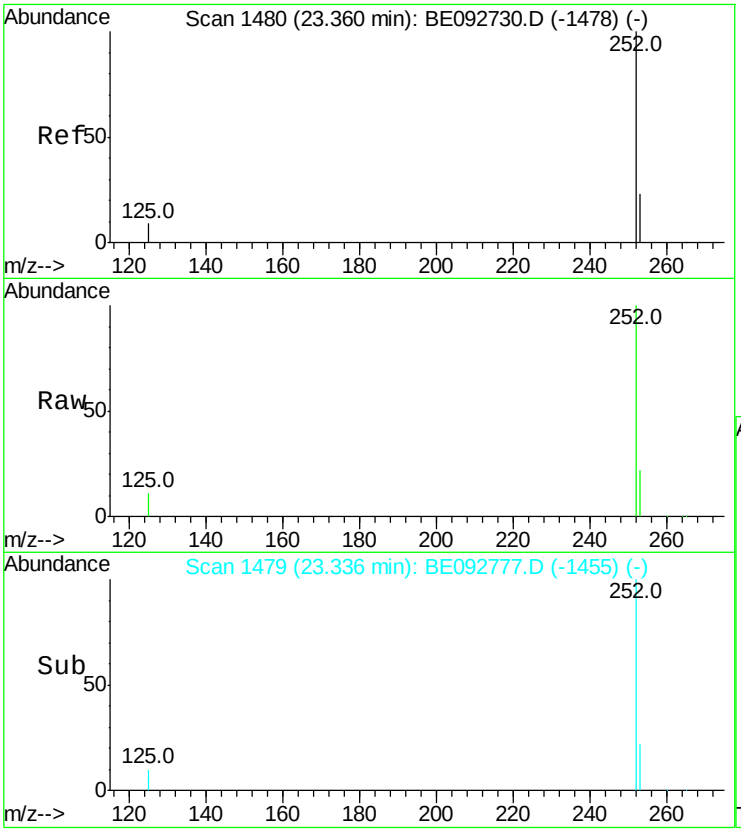


#32
Benzo(b)fluoranthene
Concen: 3.37 ng
RT: 23.34 min Scan# 1479
Delta R.T. 0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:252 Resp: 78870

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.7	28.1
125	10.5	10.5	15.7



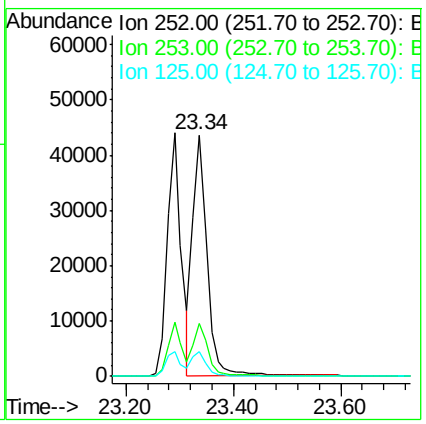


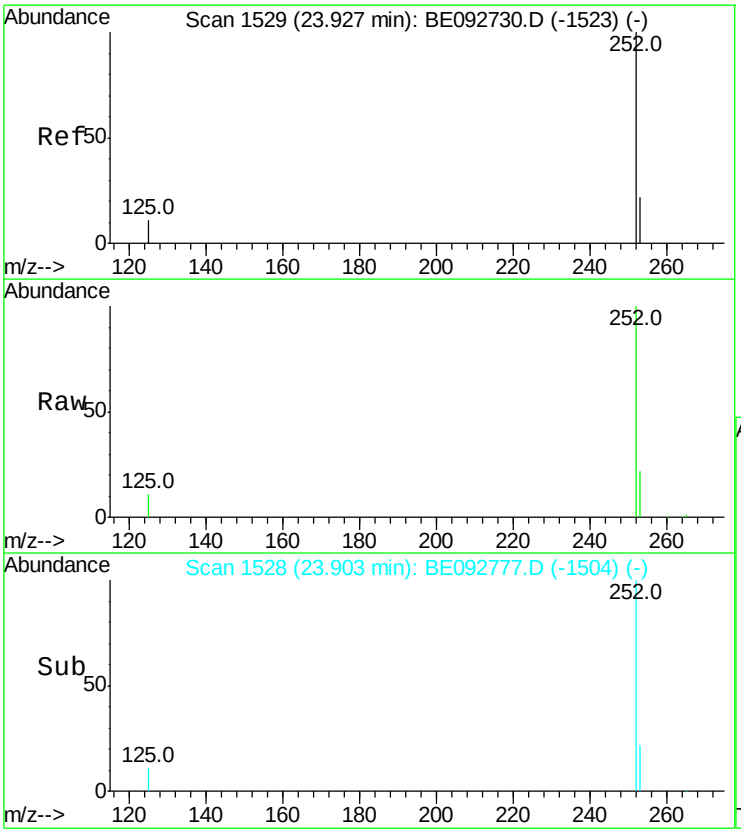
#33
Benzo(k)fluoranthene
Concen: 3.19 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 79431

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.3	30.5
125	10.5	9.6	14.4

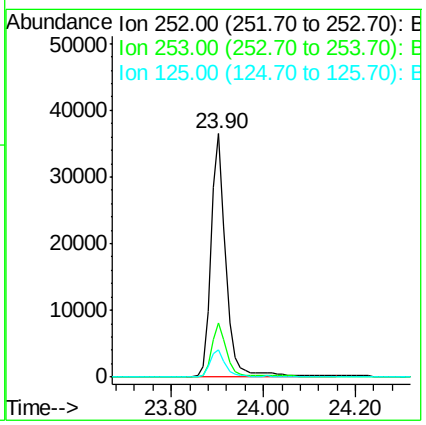


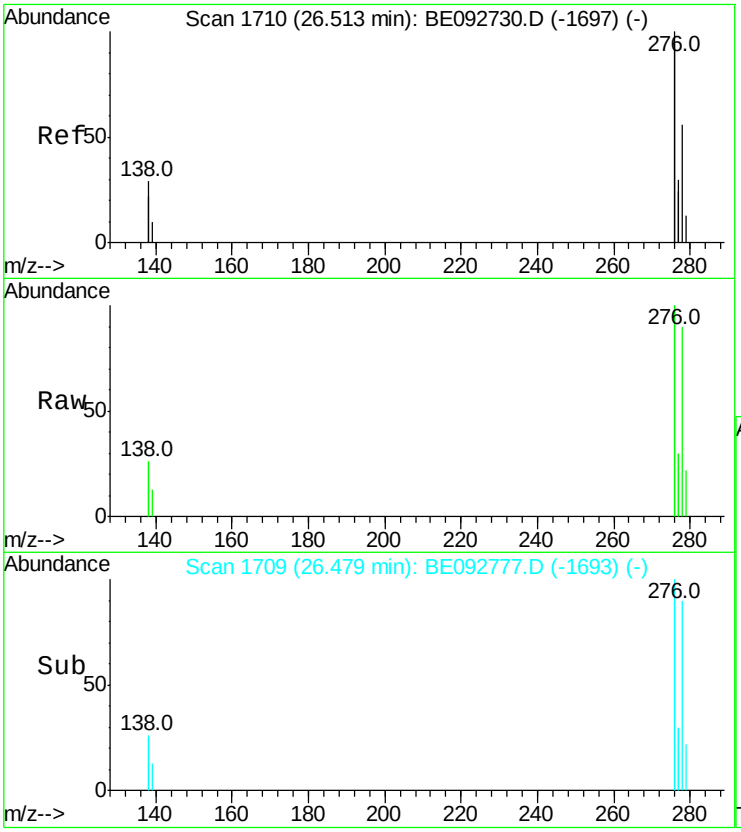


#34
Benzo(a)pyrene
Concen: 3.50 ng
RT: 23.90 min Scan# 1528
Delta R.T. -0.02 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:252 Resp: 80366

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.0	28.6
125	11.4	11.8	17.8#



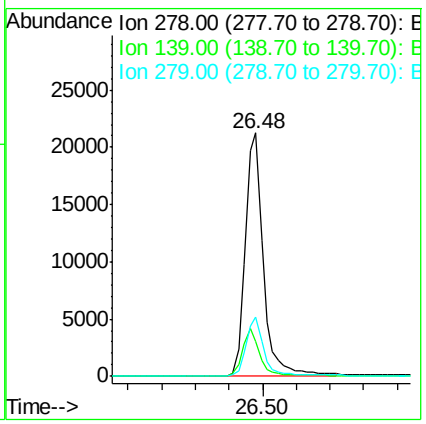


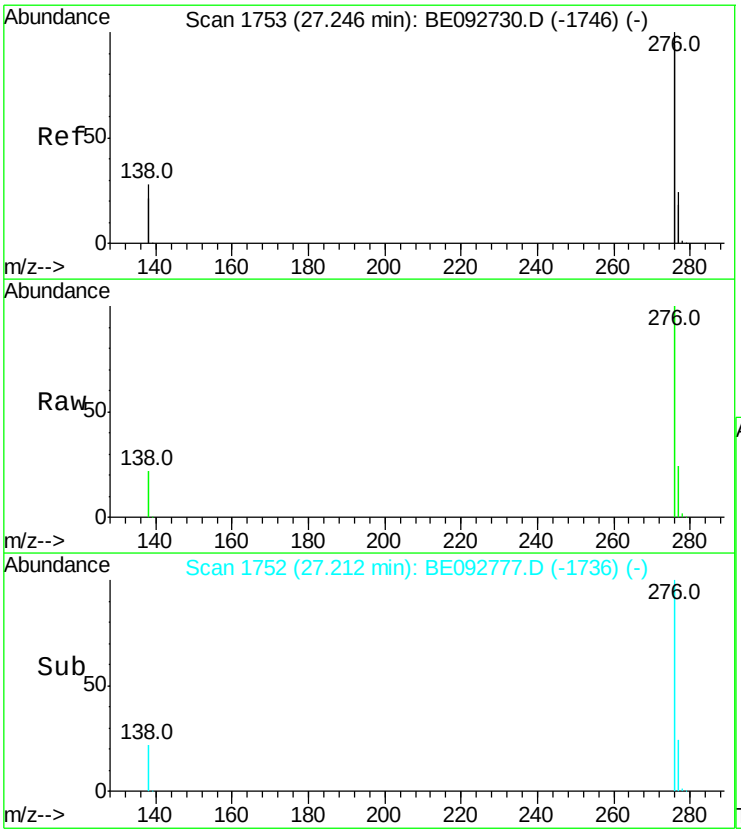
#35
Dibenzo(a,h)anthracene
Concen: 3.49 ng
RT: 26.48 min Scan# 1709
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 78758

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.8	20.8
279	24.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.52 ng
RT: 27.21 min Scan# 1752
Delta R.T. -0.03 min
Lab File: BE092777.D
Acq: 1 Mar 2017 10:47

Tgt Ion:276 Resp: 328702

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	22.4	19.8	29.6