Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110816\
Data File : BE092517.D
Acq On : 8 Nov 2016 20:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Nov 09 00:12:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 16:27:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8546	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	41364	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	28958	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	65195	5.00	ng		0.00
24) Chrysene-d12	21.72	240	93660	5.00	ng		0.00
31) Perylene-d12	24.08	264	84978	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	696	0.37	ng		0.00
5) Phenol-d6	7.34	99	829	0.33	ng		0.00
8) Nitrobenzene-d5	9.23	82	102	0.04	ng		-0.11
13) 2,4,6-Tribromophenol	16.31	330	269	0.48	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2923	0.41	ng		0.00
26) Terphenyl-d14	20.17	244	4430	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	529	0.39	ng		91
3) n-Nitrosodimethylamine	3.77	42	448	0.37	ng	#	88
6) bis(2-Chloroethyl)ether	7.59	93	922	0.34	ng	#	28
9) Naphthalene	10.99	128	3462	0.39	ng		99
10) Hexachlorobutadiene	11.26	225	535	0.39	ng		99
11) 2-Methylnaphthalene	12.62	142	2194	0.38	ng		96
15) Acenaphthylene	14.51	152	16223	0.39	ng		100
16) Acenaphthene	14.87	154	2634	0.39	ng		96
17) Fluorene	15.86	166	3323	0.39	ng		99
19) Hexachlorobenzene	16.86	284	1129	0.46	ng		91
20) Pentachlorophenol	17.23	266	225	0.32	ng		98
21) Phenanthrene	17.60	178	5824	0.41	ng	#	74
22) Anthracene	17.69	178	5438	0.40	ng		98
23) Fluoranthene	19.59	202	27376	0.39	ng		99
25) Pyrene	19.95	202	29133	0.38	ng		99
27) Benzo(a)anthracene	21.70	228	72531	0.76	ng		98
28) Chrysene	21.70	228	72939	0.82	ng	#	78
29) Bis(2-ethylhexyl)phthalate	21.61	149	3224	0.39	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.56	276	38856	0.38	ng		98
32) Benzo(b)fluoranthene	23.36	252	12690	0.39	ng		97
33) Benzo(k)fluoranthene	23.41	252	11523	0.32	ng		98
34) Benzo(a)pyrene	23.97	252	8144	0.37	ng		98
35) Dibenzo(a,h)anthracene	26.58	278	7825	0.38	ng		96
36) Benzo(g,h,i)perylene	27.33	276	32945	0.39	ng		99

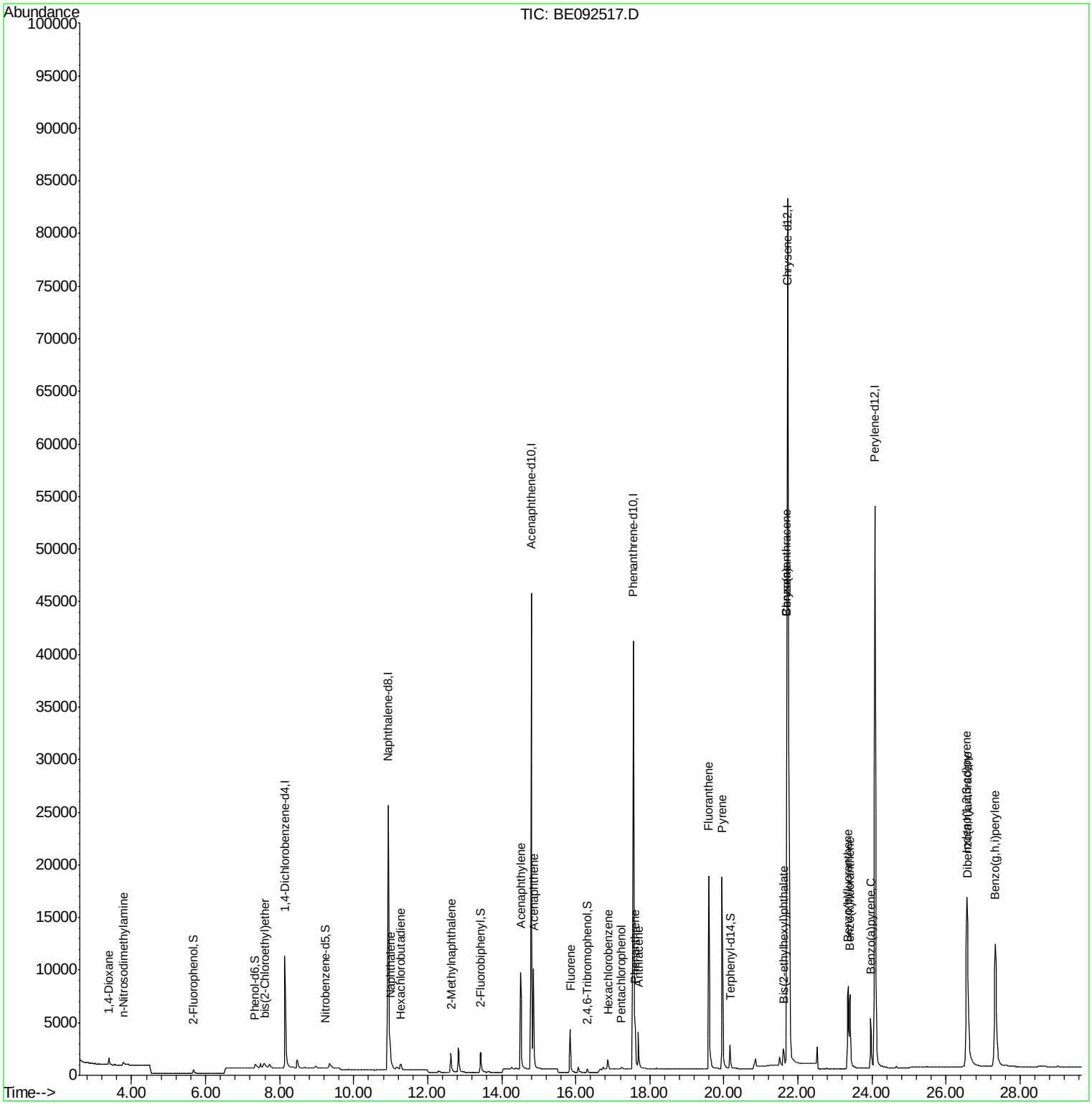
(#) = qualifier out of range (m) = manual integration (+) = signals summed

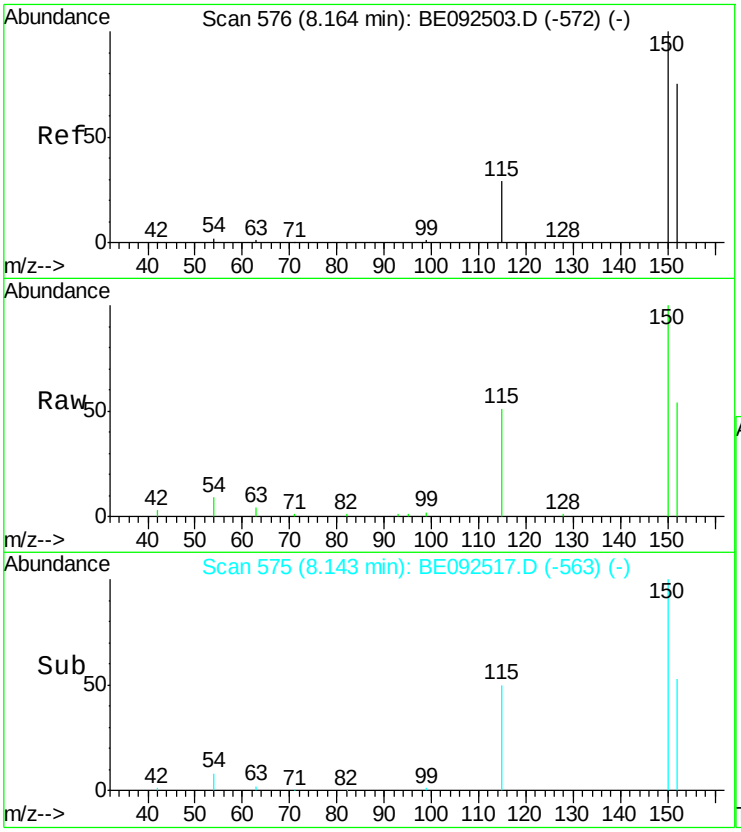
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE110816\
Data File : BE092517.D
Acq On : 8 Nov 2016 20:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Nov 09 00:12:25 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE110816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 16:27:22 2016
Response via : Initial Calibration



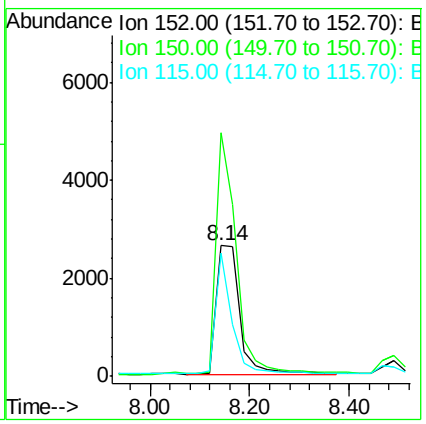


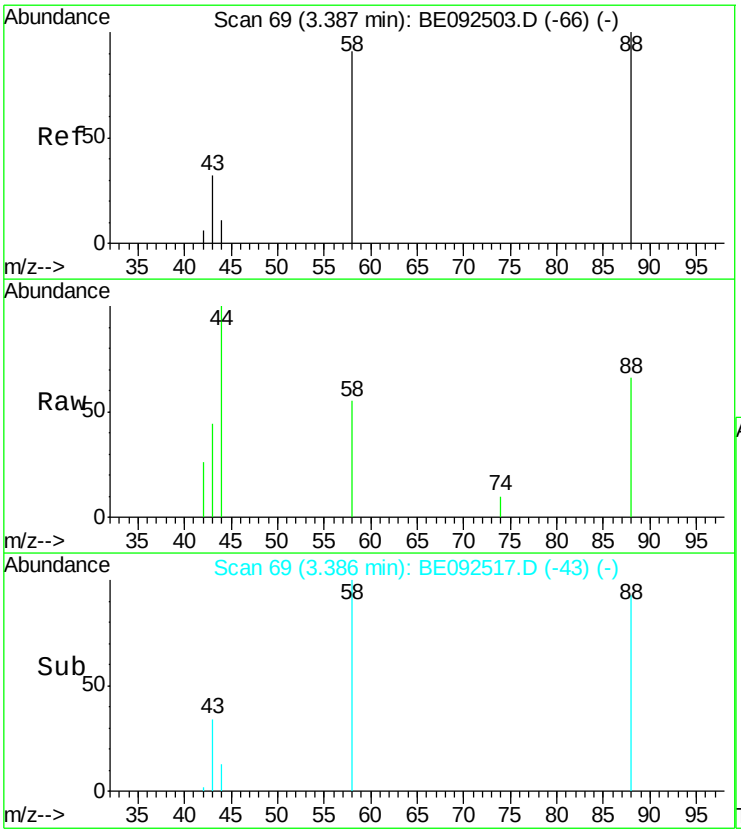
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 8546

Ion	Ratio	Lower	Upper
152	100		
150	186.1	106.0	159.0#
115	94.5	31.2	46.8#

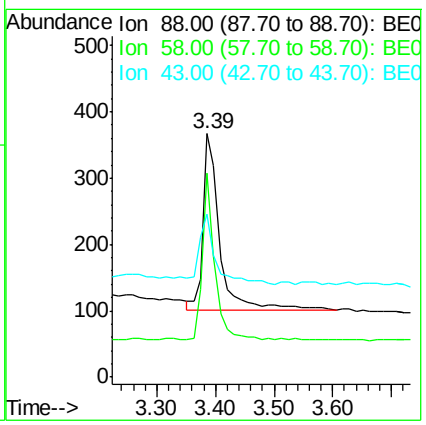


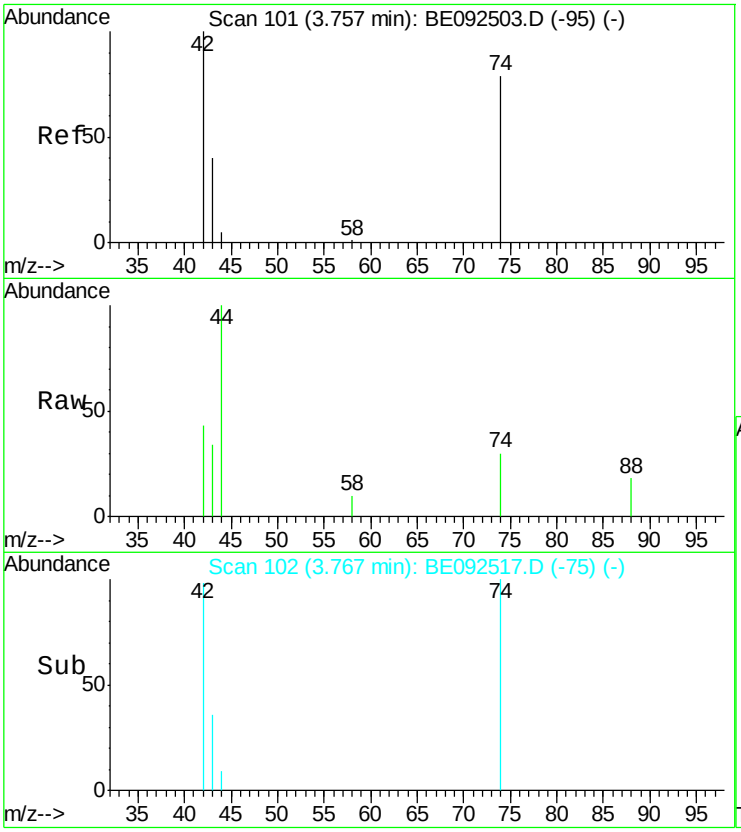


#2
1,4-Dioxane
Concen: 0.39 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion: 88 Resp: 529

Ion	Ratio	Lower	Upper
88	100		
58	71.3	63.6	95.4
43	39.1	28.0	42.0



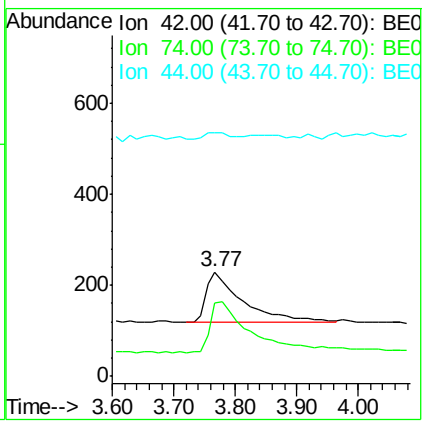


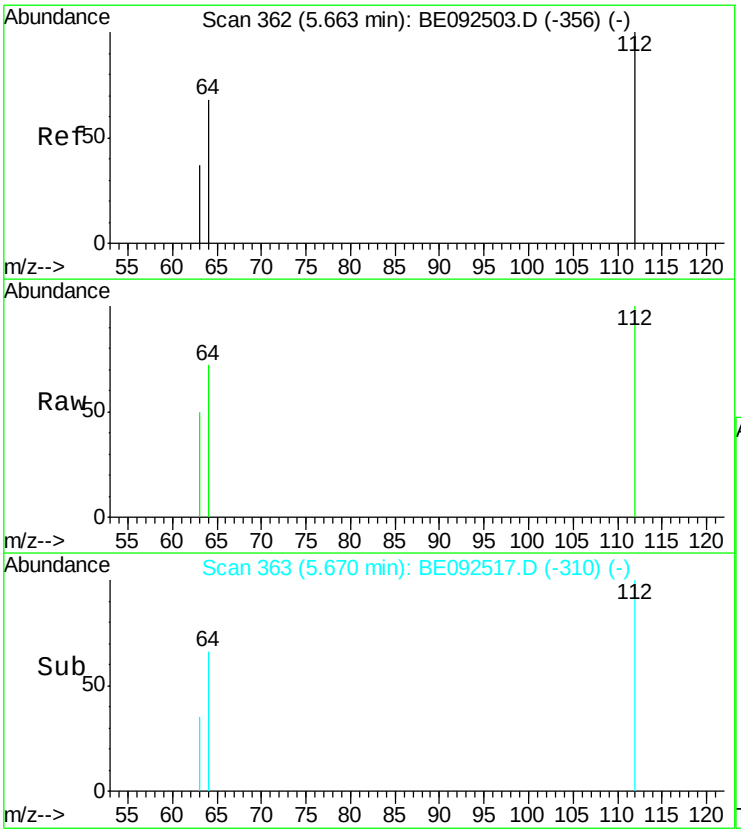
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.77 min Scan# 102
Delta R.T. 0.01 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 448

Ion	Ratio	Lower	Upper
42	100		
74	120.5	86.0	129.0
44	9.6	5.1	7.7#

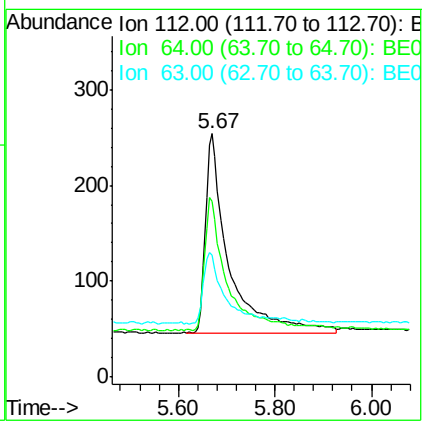


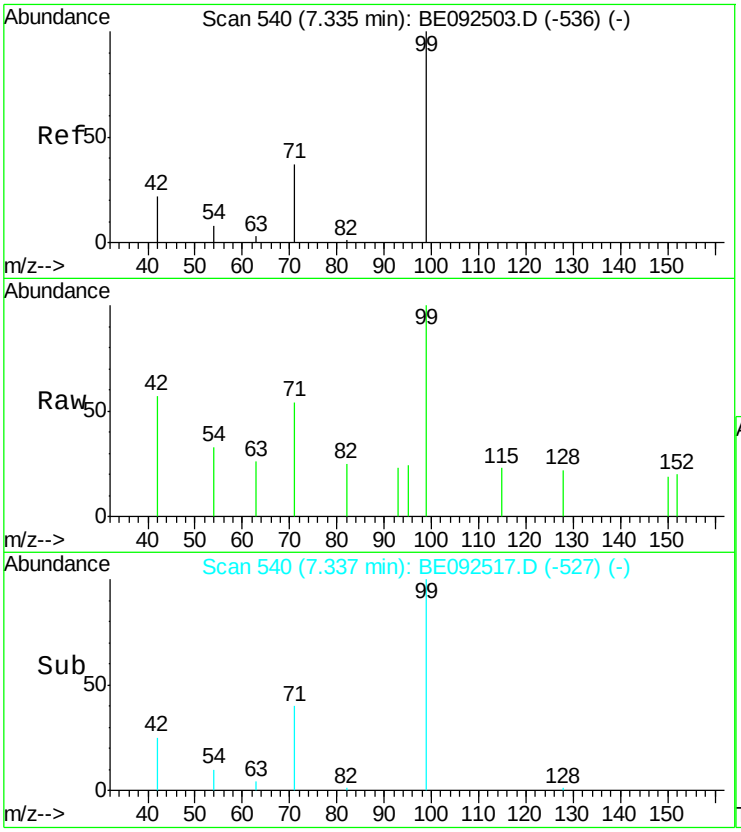


#4
2-Fluorophenol
Concen: 0.37 ng
RT: 5.67 min Scan# 363
Delta R.T. 0.01 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:112 Resp: 696

Ion	Ratio	Lower	Upper
112	100		
64	64.4	53.5	80.3
63	34.5	27.9	41.9



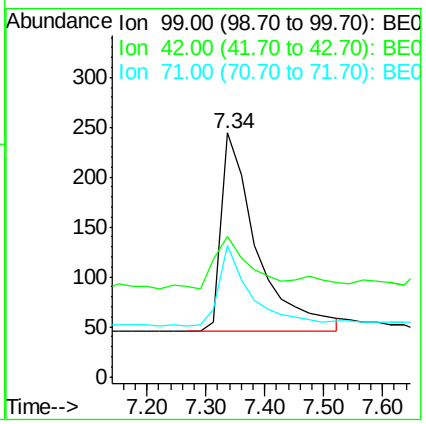


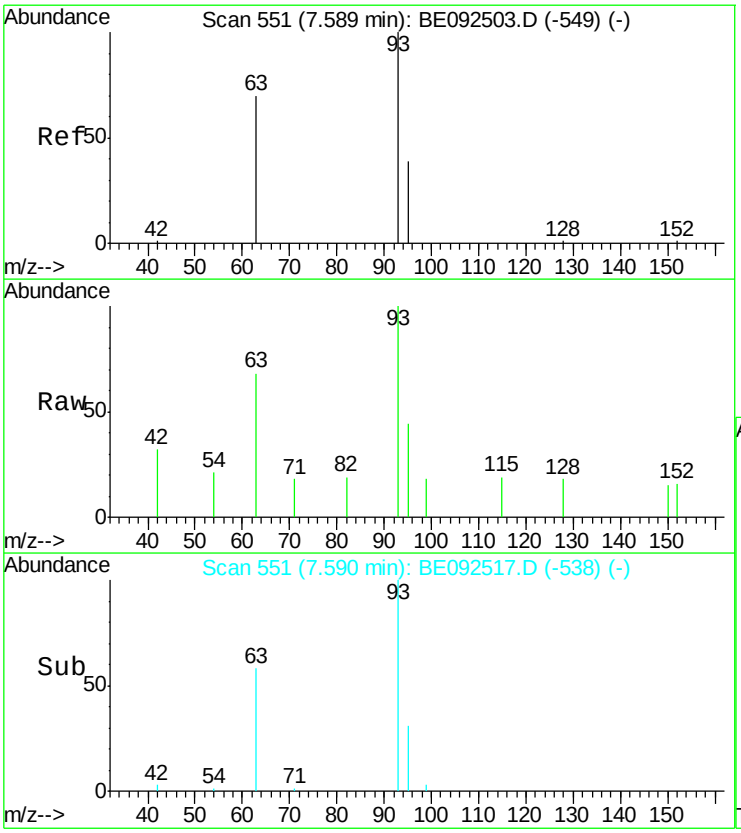
#5
Phenol-d6
Concen: 0.33 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 829

Ion	Ratio	Lower	Upper
99	100		
42	26.3	16.0	24.0#
71	36.1	30.6	45.8

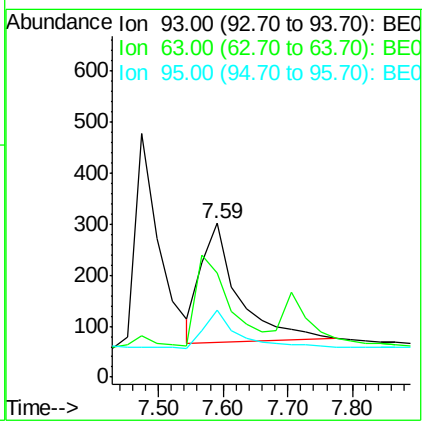


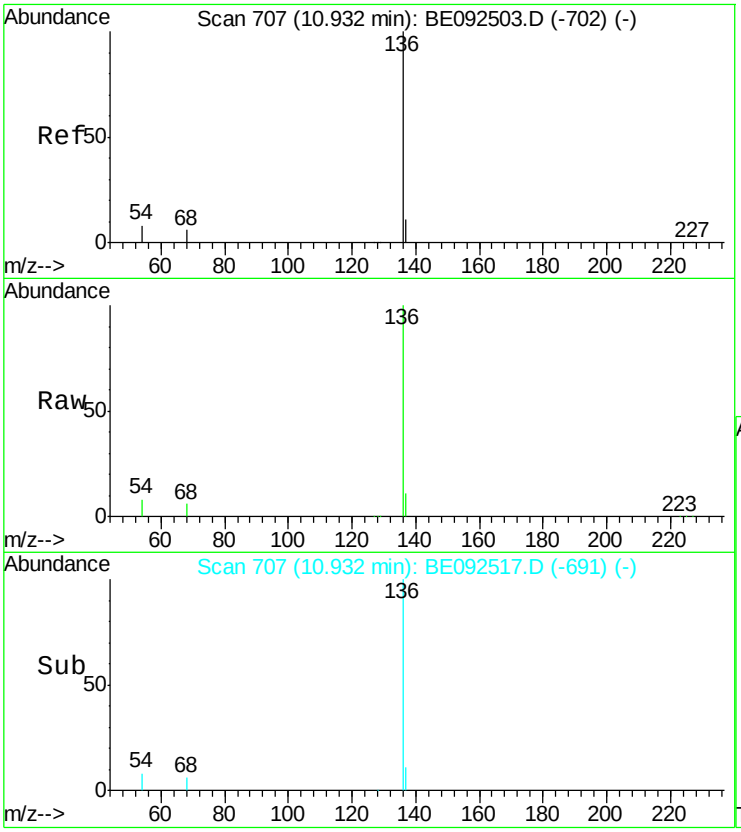


#6
bis(2-Chloroethyl)ether
Concen: 0.34 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion: 93 Resp: 922

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	29.7	24.0	36.0



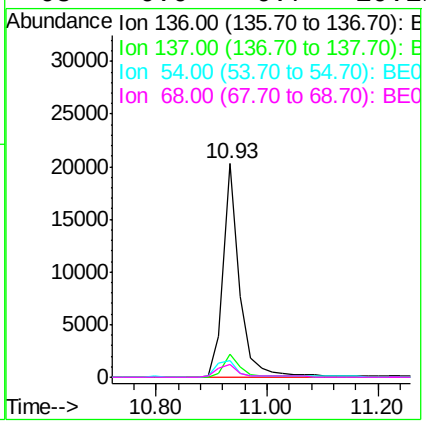


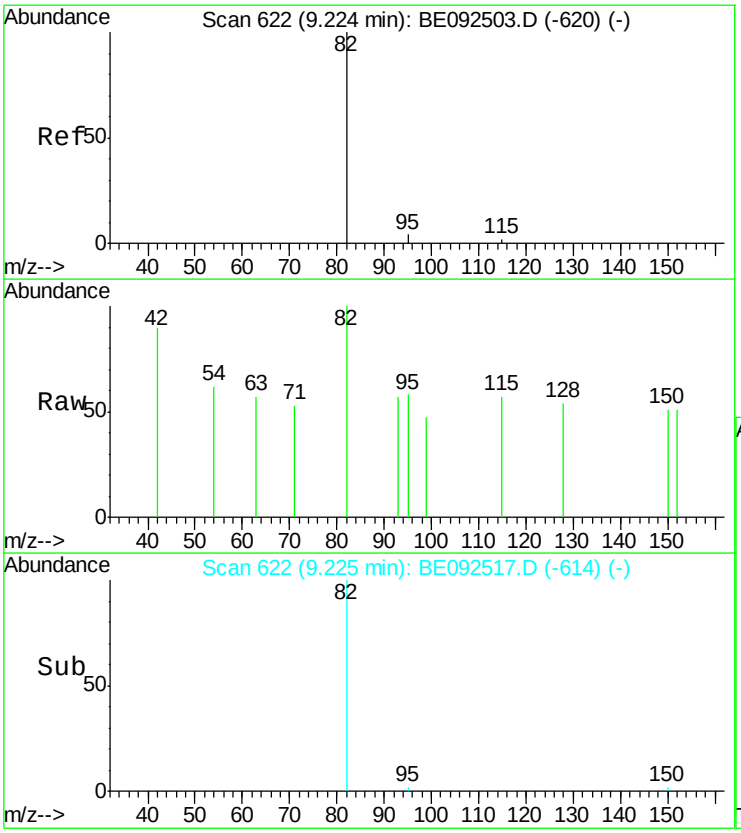
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 41364

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	8.1	9.6	14.4#
68	6.0	6.7	10.1#

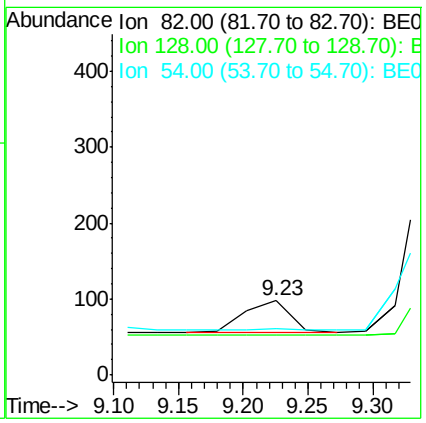


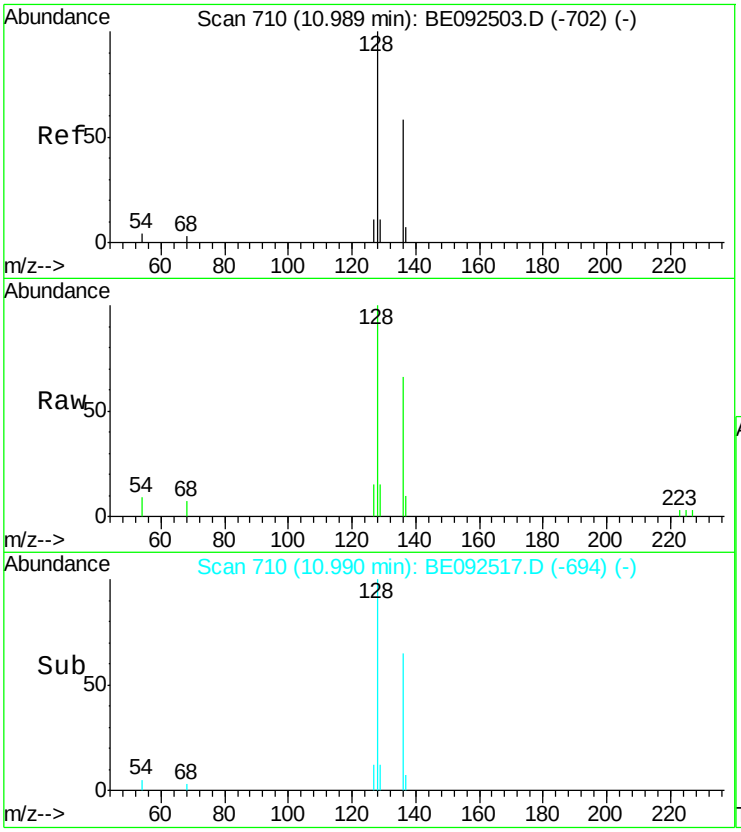


#8
Nitrobenzene-d5
Concen: 0.04 ng
RT: 9.23 min Scan# 622
Delta R.T. -0.11 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion: 82 Resp: 102

Ion	Ratio	Lower	Upper
82	100		
128	54.1	39.0	58.4
54	62.2	44.8	67.2



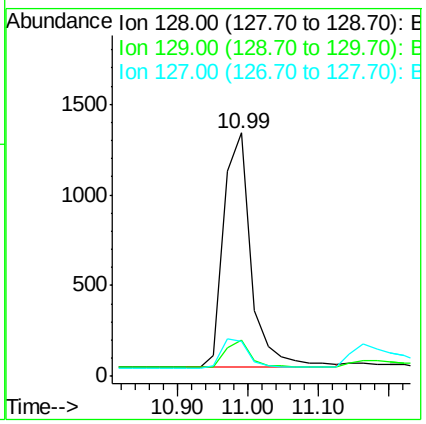


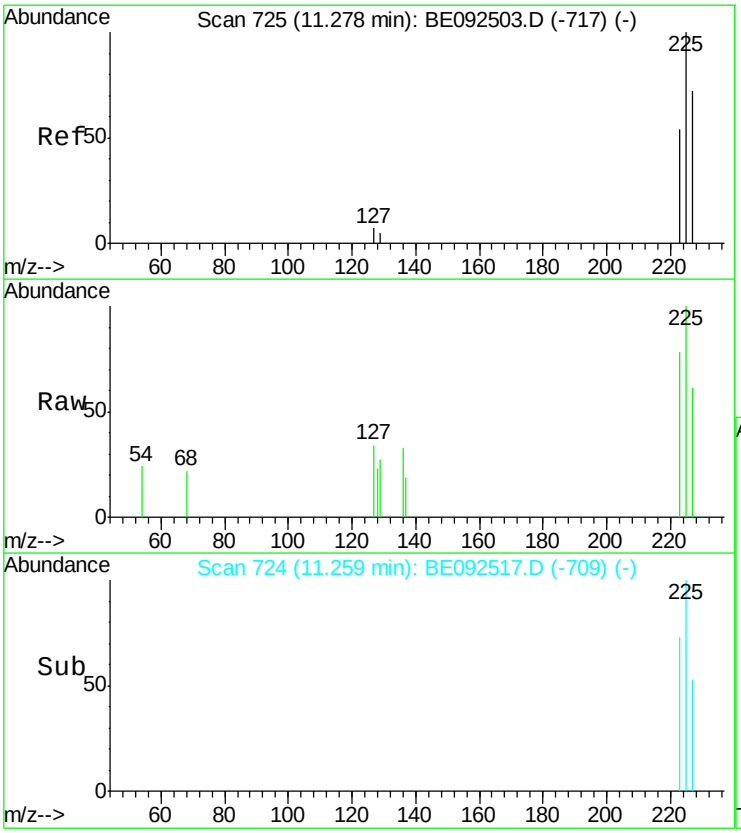
#9
Naphthalene
Concen: 0.39 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 3462

Ion	Ratio	Lower	Upper
128	100		
129	14.8	11.2	16.8
127	14.6	11.6	17.4

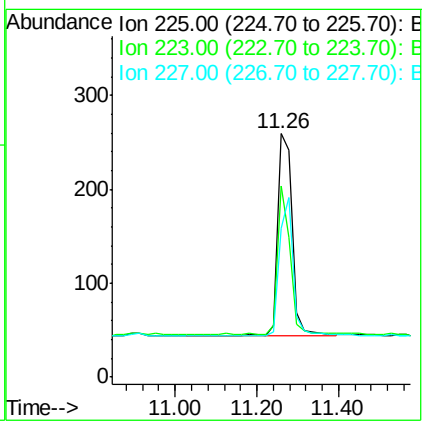


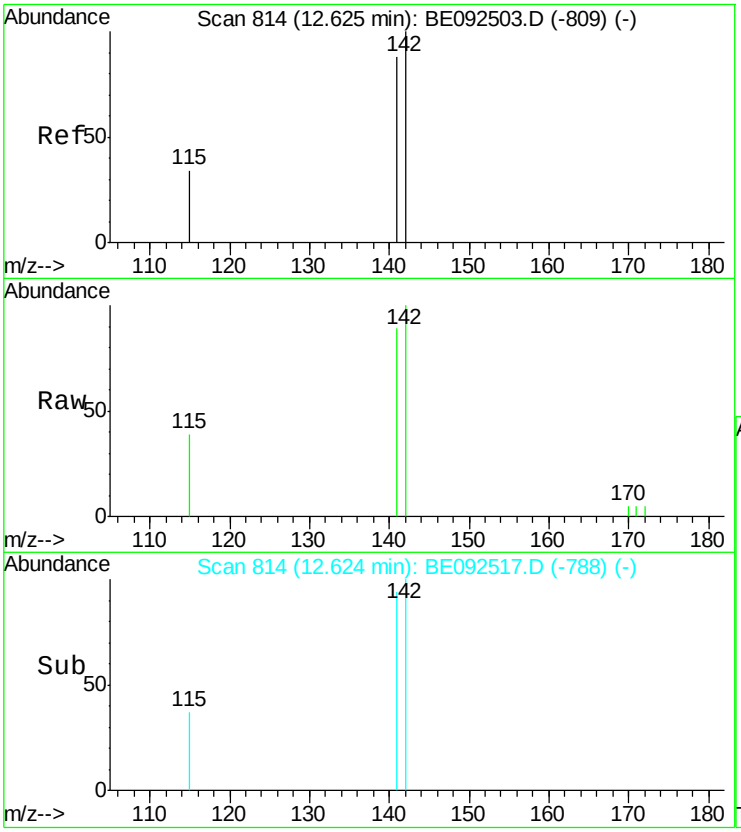


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.02 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:225 Resp: 535

Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.6	76.0
227	64.9	51.4	77.0



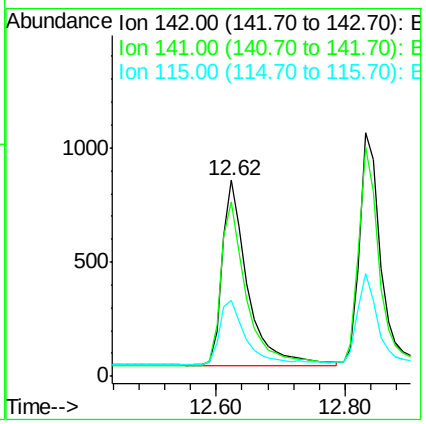


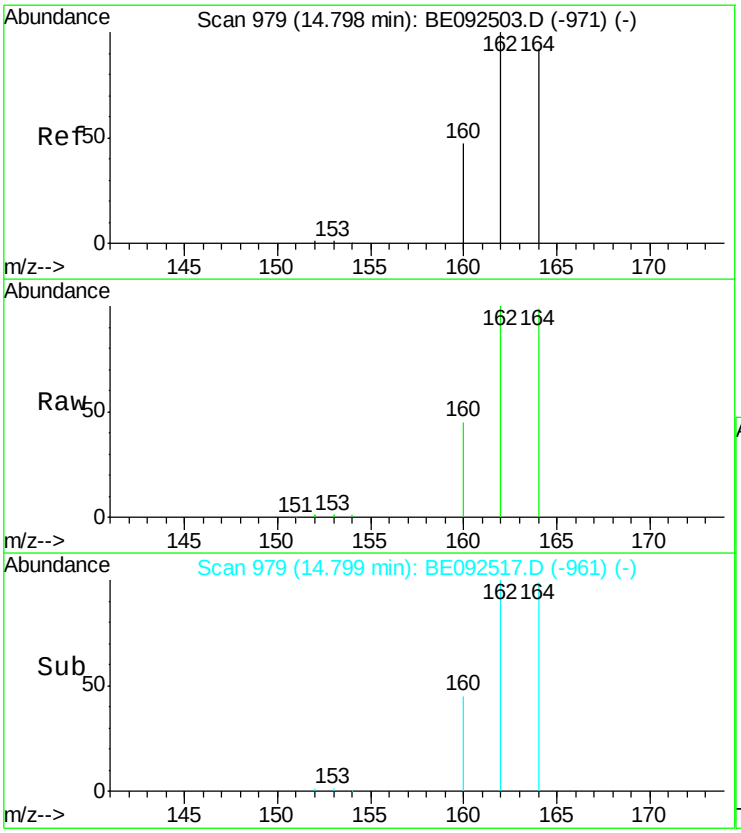
#11
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 2194

Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.7	110.5
115	39.1	34.0	51.0

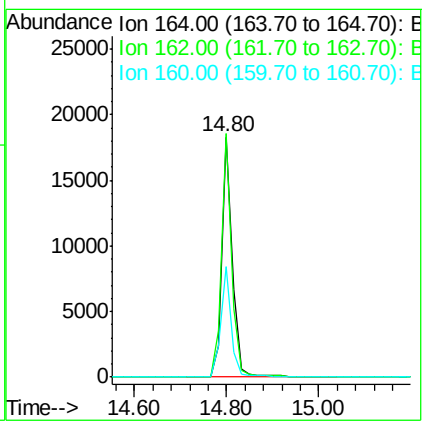


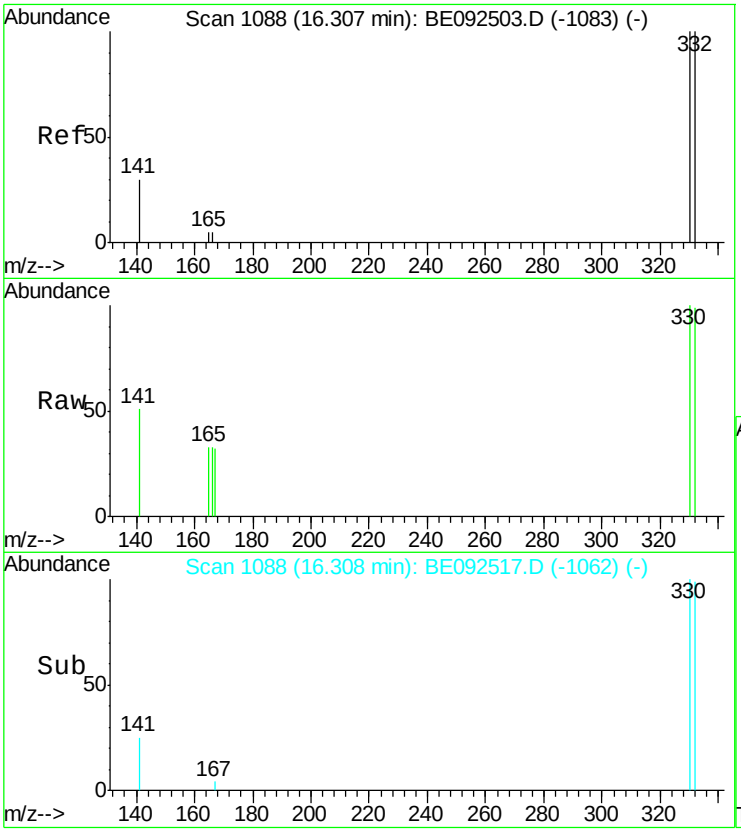


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:164 Resp: 28958

Ion	Ratio	Lower	Upper
164	100		
162	101.4	71.4	107.0
160	45.8	27.4	41.2#



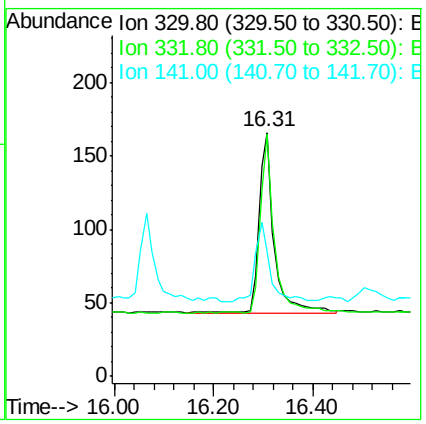


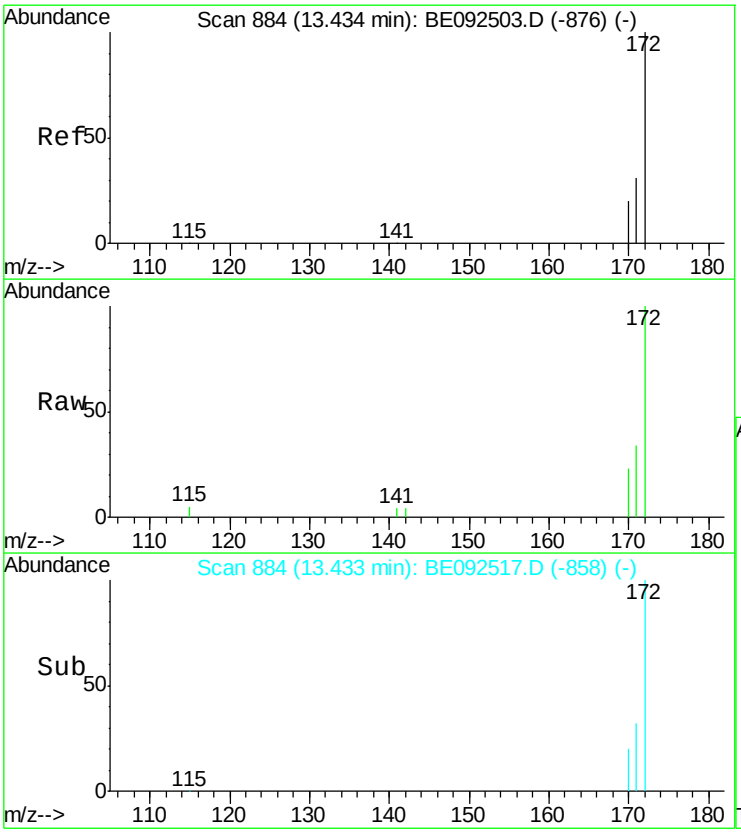
#13
2,4,6-Tribromophenol
Concen: 0.48 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 269

Ion	Ratio	Lower	Upper
330	100		
332	92.6	75.4	113.0
141	41.3	31.0	46.6

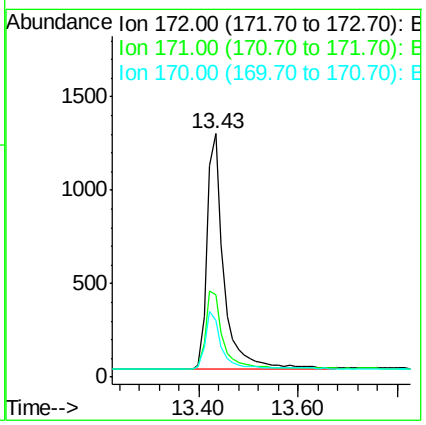


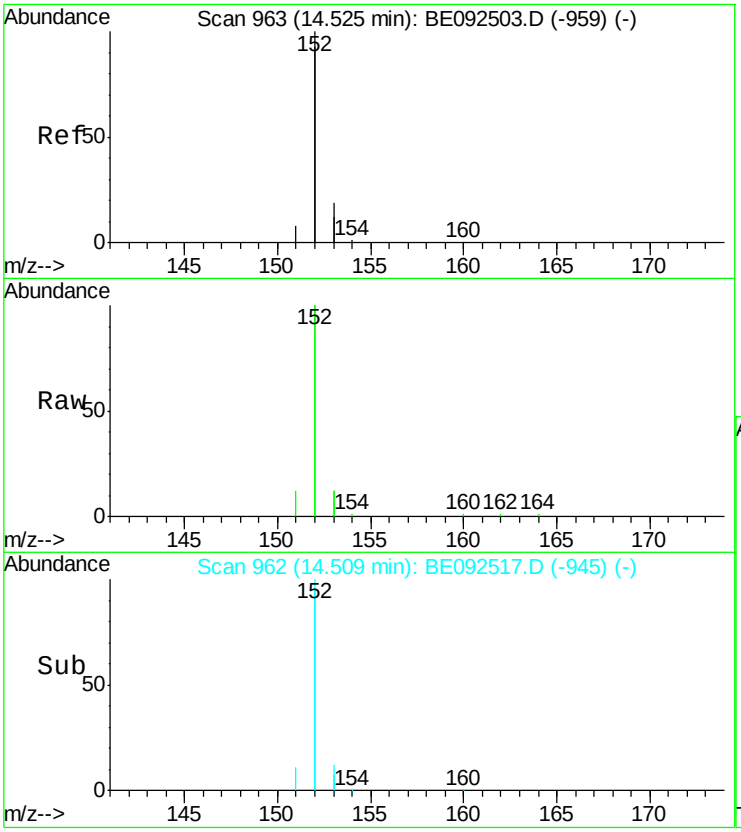


#14
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.43 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:172 Resp: 2923

Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.1	45.1
170	23.1	21.8	32.6



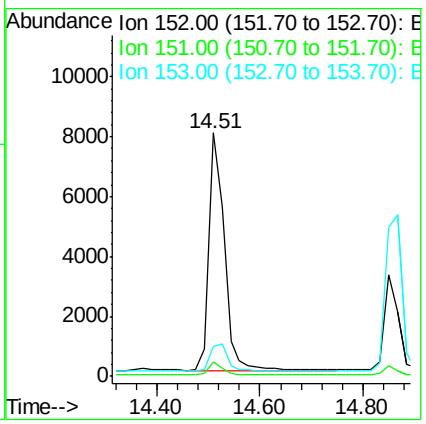


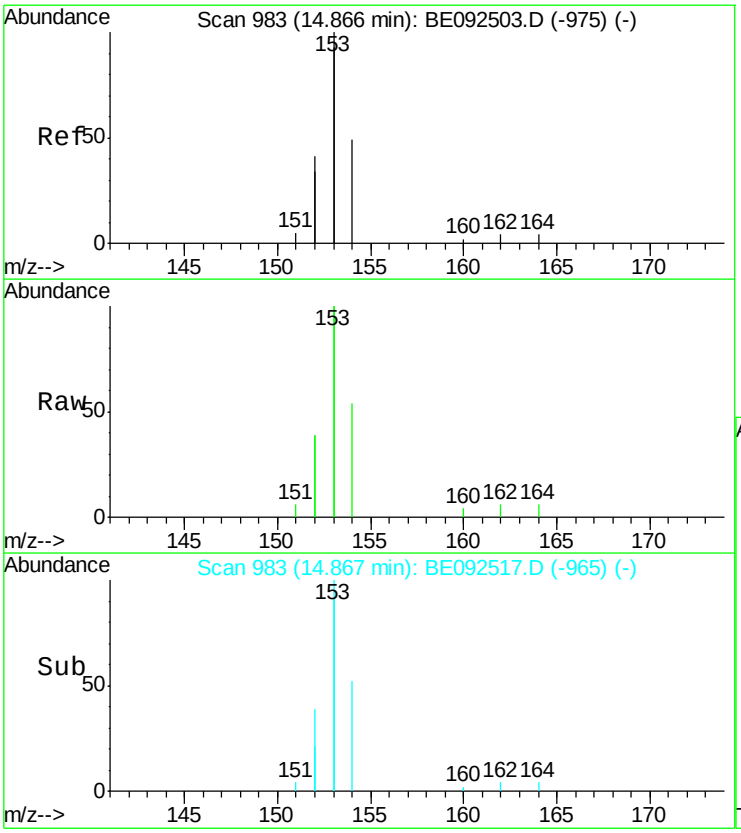
#15
Acenaphthylene
Concen: 0.39 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.02 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 16223

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

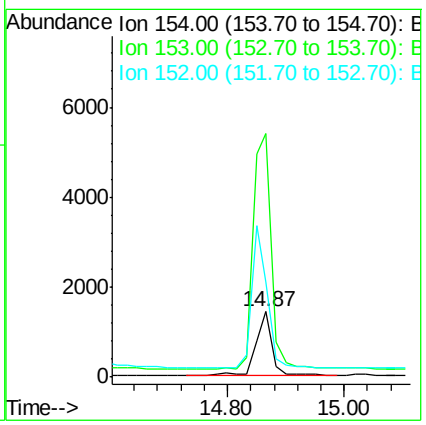


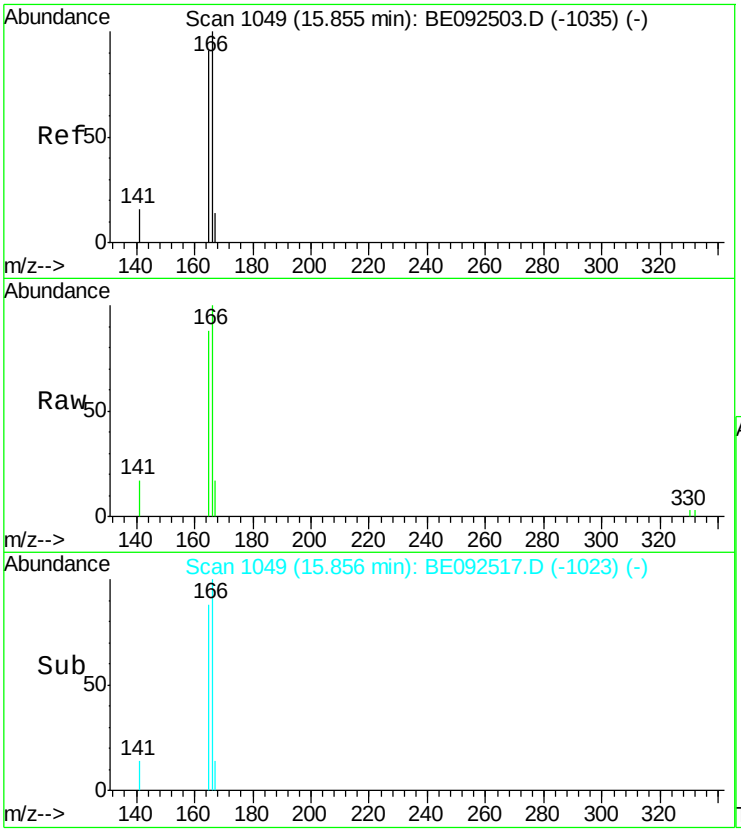


#16
Acenaphthene
Concen: 0.39 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:154 Resp: 2634

Ion	Ratio	Lower	Upper
154	100		
153	433.2	350.8	526.2
152	225.8	171.1	256.7



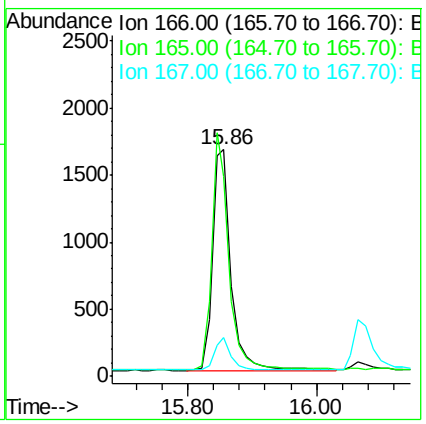


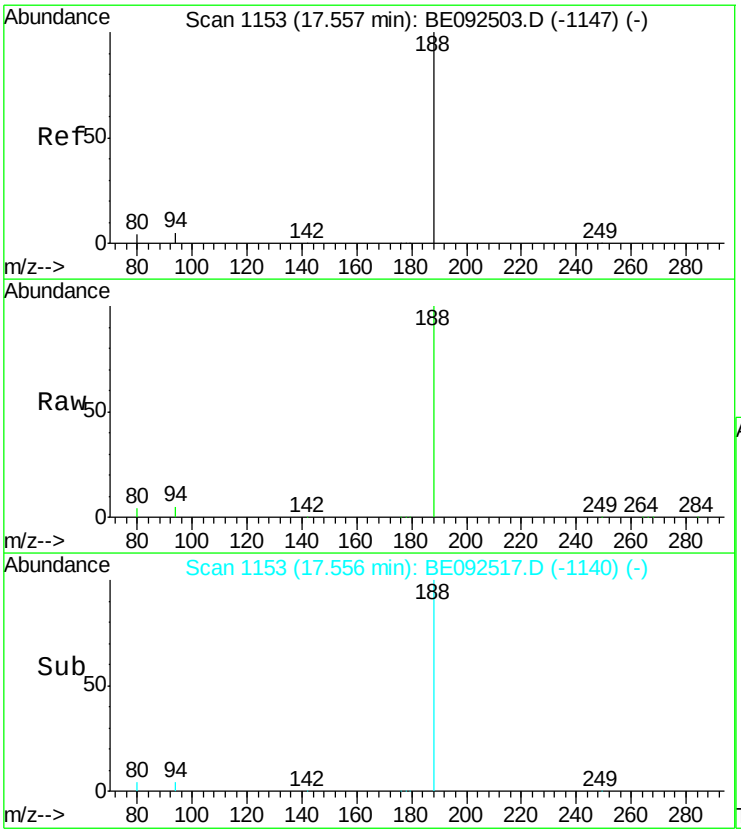
#17
Fluorene
Concen: 0.39 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 3323

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.4
167	13.1	11.0	16.4

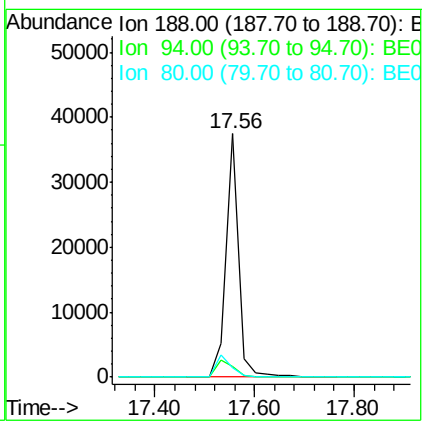


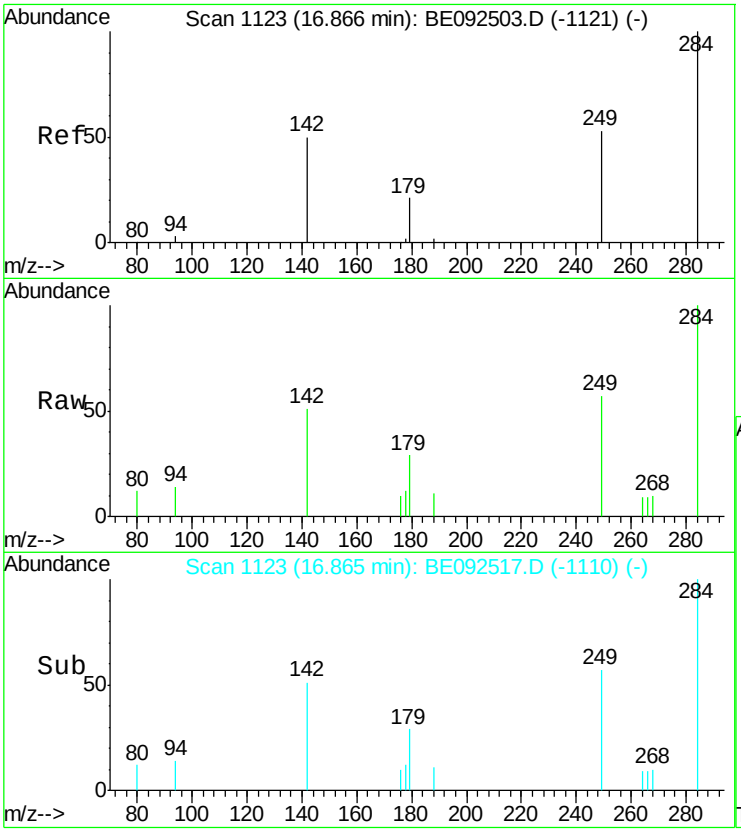


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:188 Resp: 65195

Ion	Ratio	Lower	Upper
188	100		
94	4.6	3.2	4.8
80	4.0	2.6	3.8#



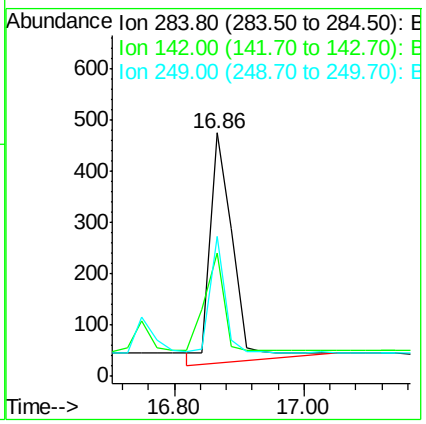


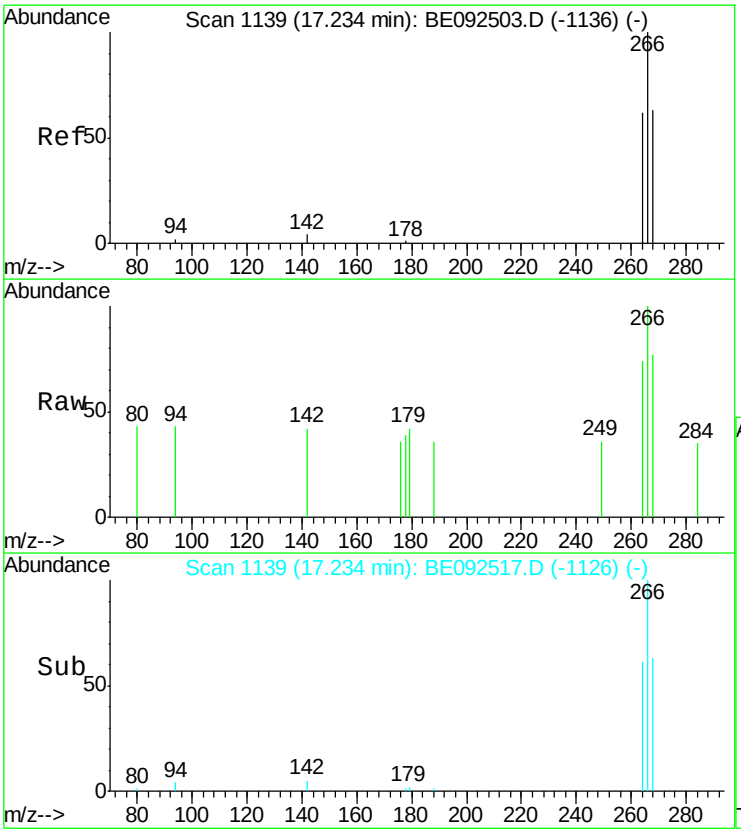
#19
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1129

Ion	Ratio	Lower	Upper
284	100		
142	40.0	29.1	43.7
249	41.5	27.9	41.9

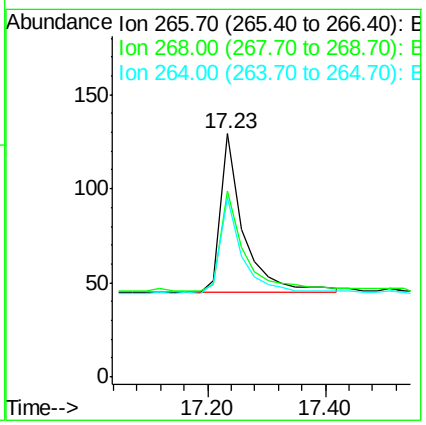


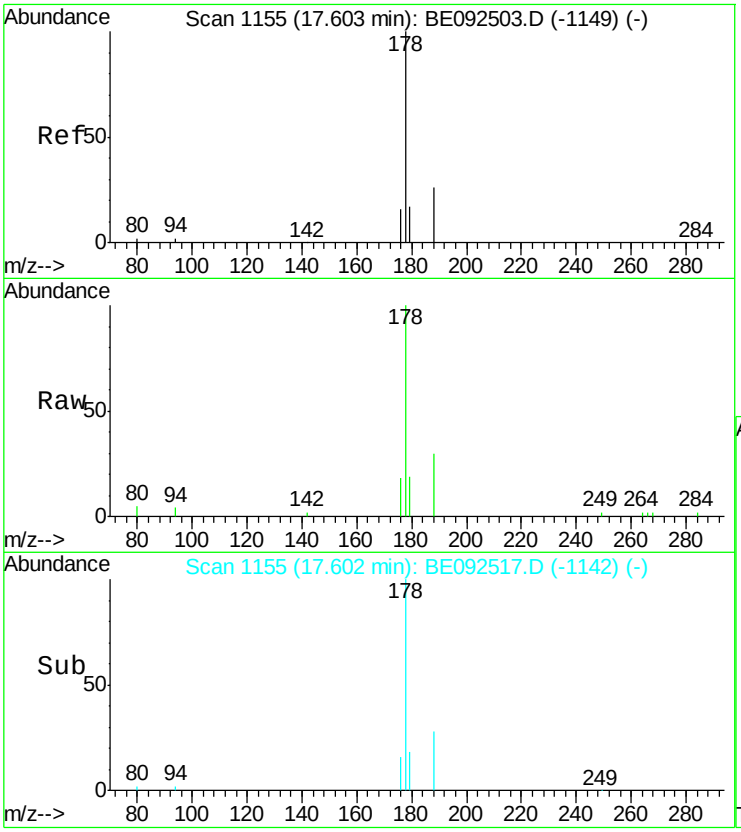


#20
Pentachlorophenol
Concen: 0.32 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:266 Resp: 225

Ion	Ratio	Lower	Upper
266	100		
268	76.7	62.5	93.7
264	73.6	57.2	85.8



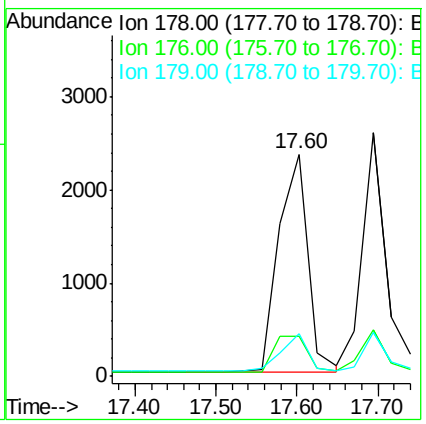


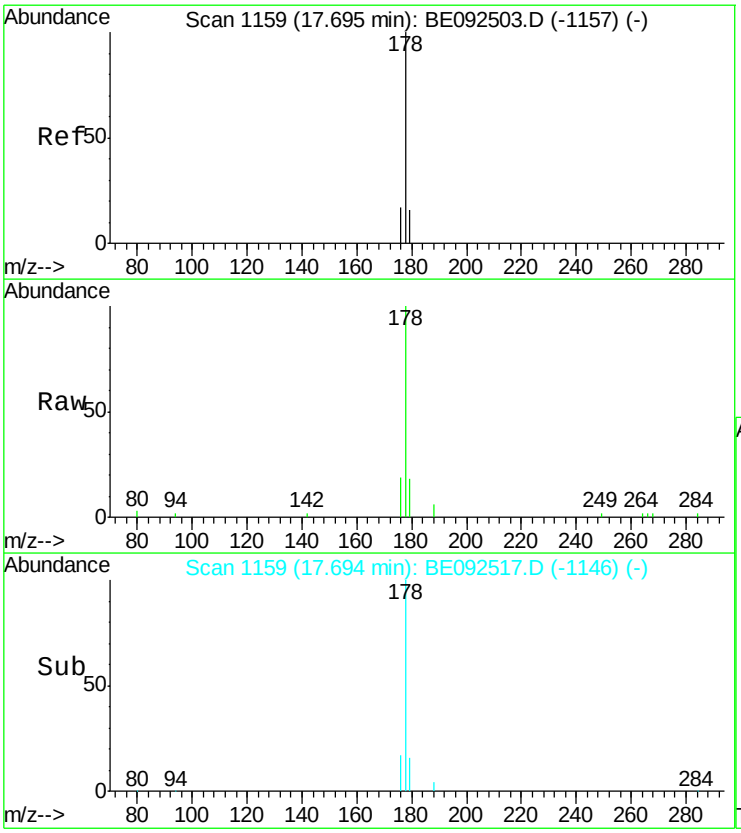
#21
Phenanthrene
Concen: 0.41 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 5824

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	16.3	16.0	24.0

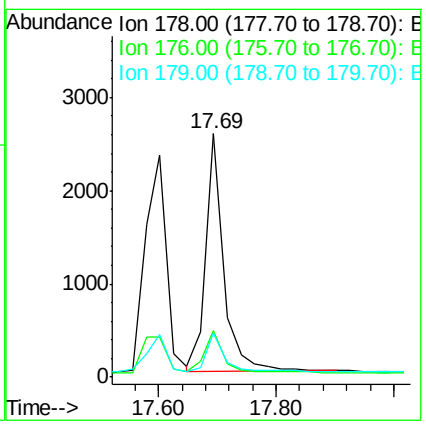


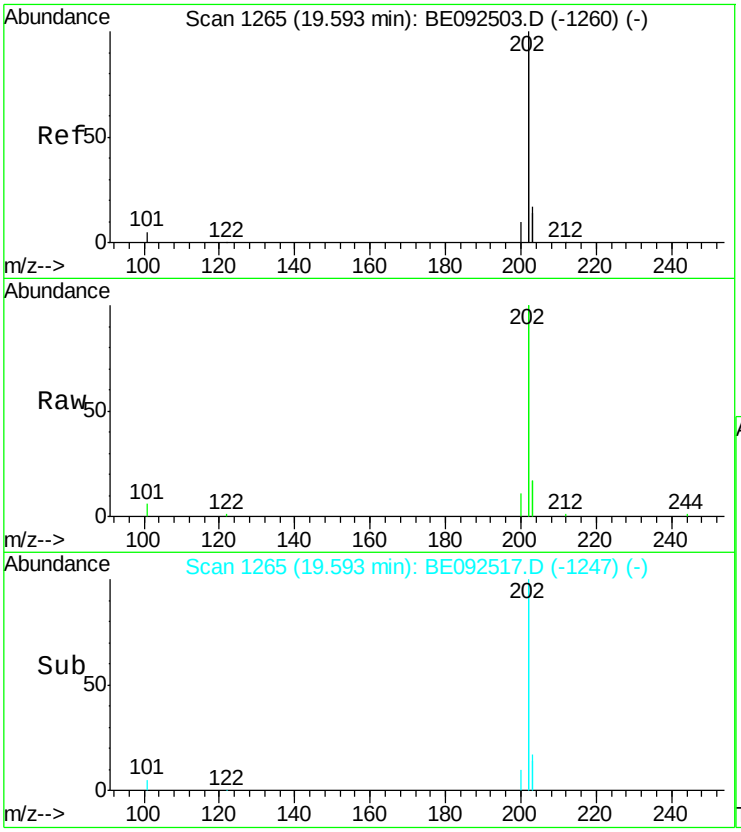


#22
Anthracene
Concen: 0.40 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:178 Resp: 5438

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.5	12.2	18.2



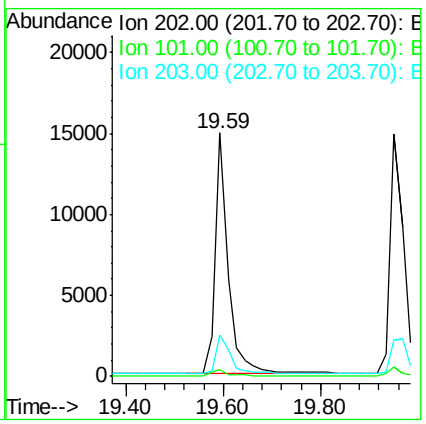


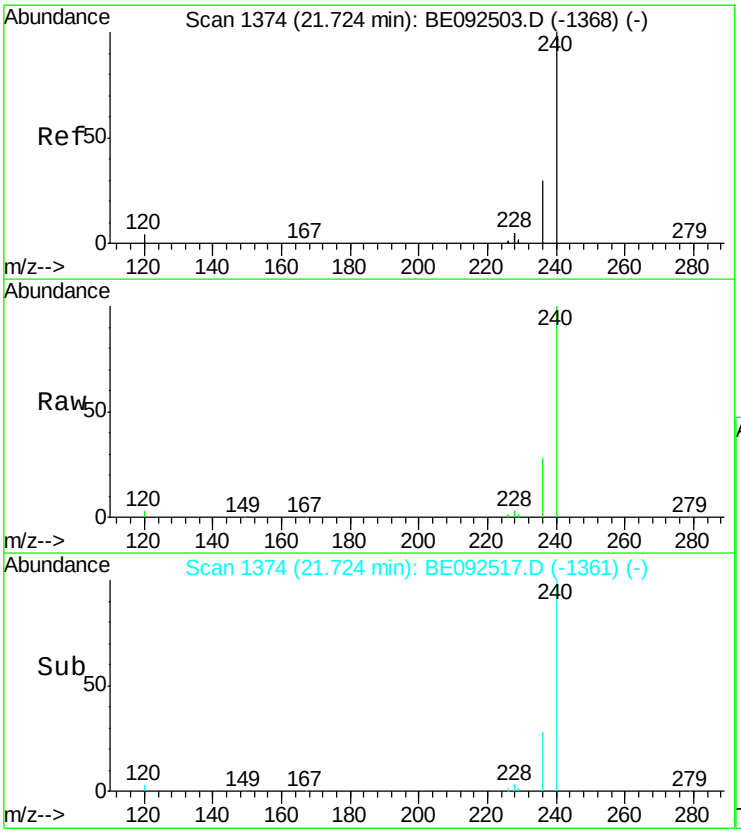
#23
Fluoranthene
Concen: 0.39 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 27376

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

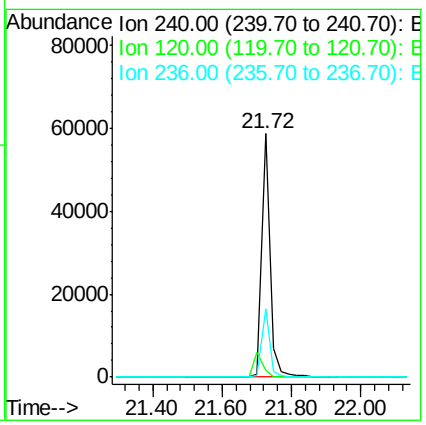


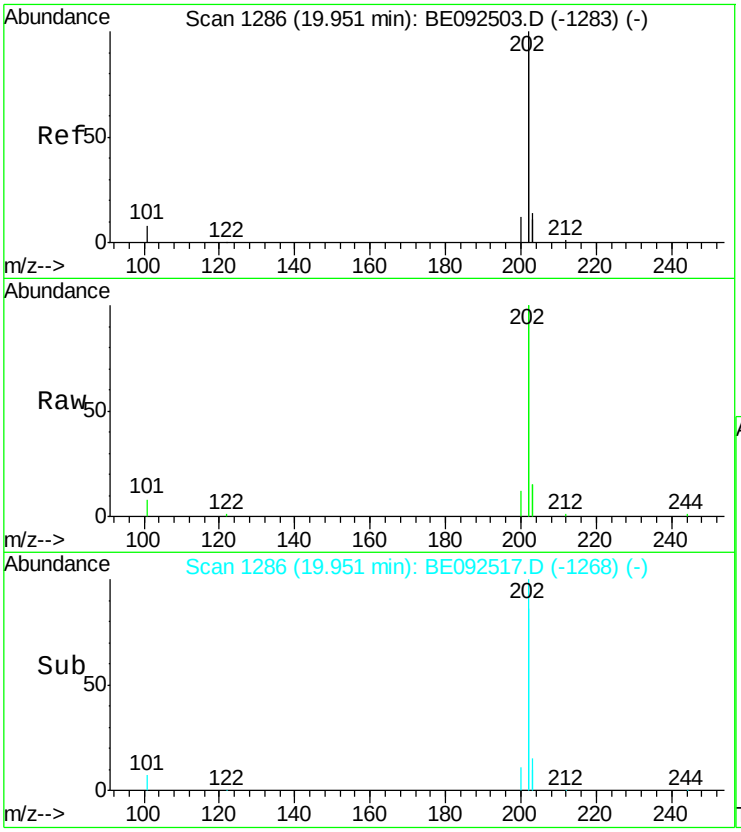


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:240 Resp: 93660

Ion	Ratio	Lower	Upper
240	100		
120	2.9	2.6	4.0
236	28.1	24.6	37.0



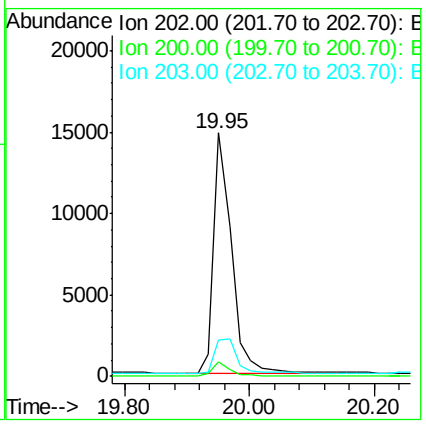


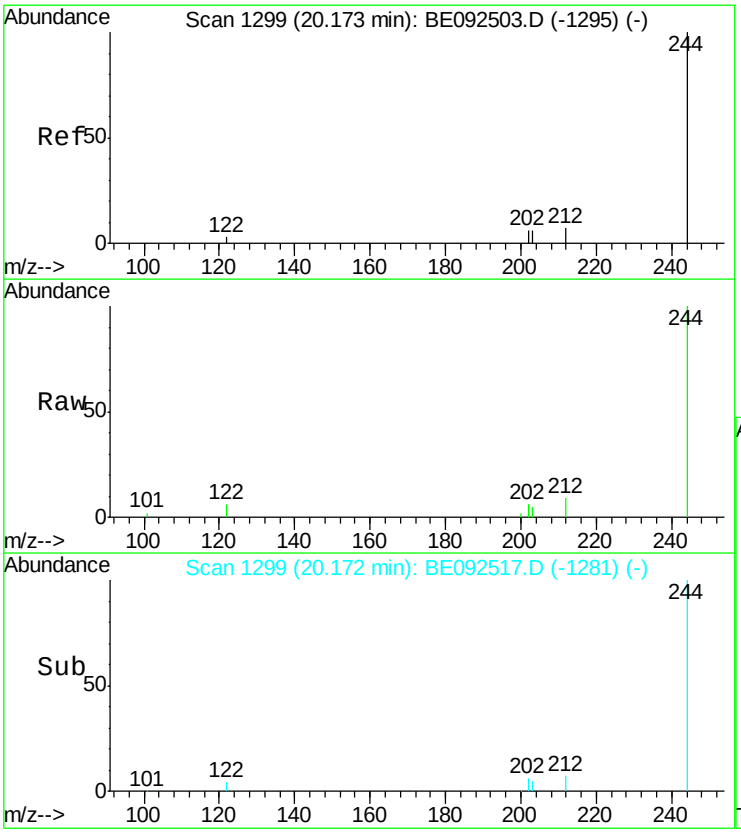
#25
Pyrene
Concen: 0.38 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 29133

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	17.6	13.9	20.9

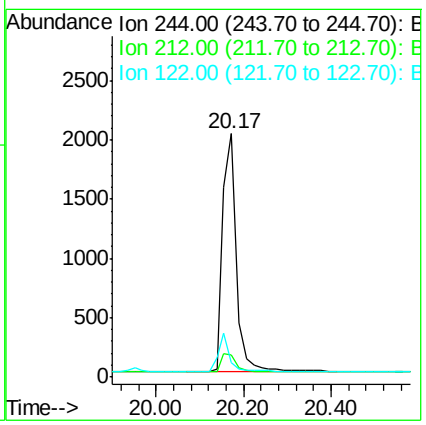


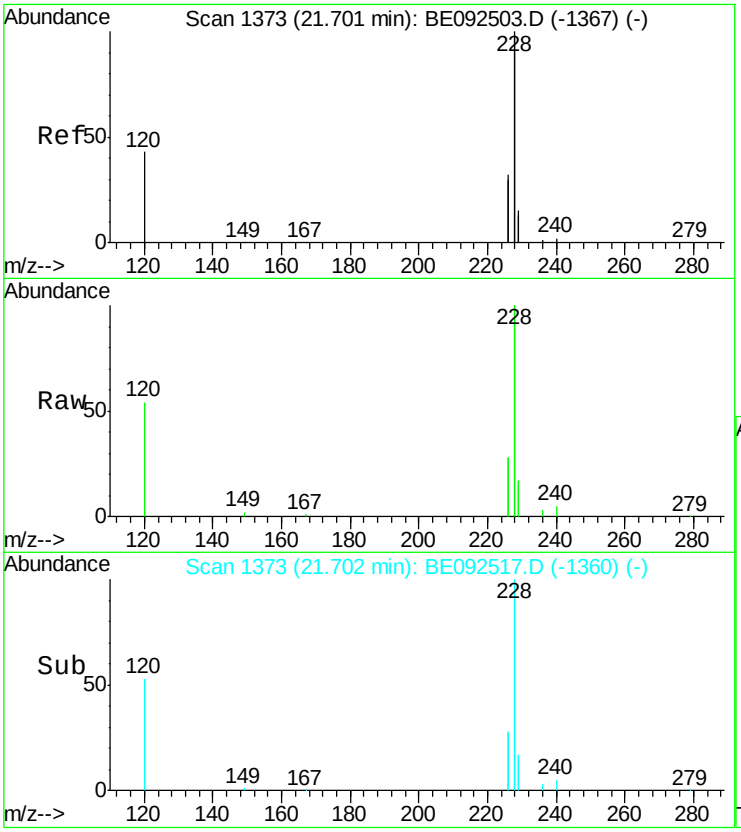


#26
Terphenyl-d14
Concen: 0.39 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:244 Resp: 4430

Ion	Ratio	Lower	Upper
244	100		
212	9.3	6.7	10.1
122	5.9	3.6	5.4#



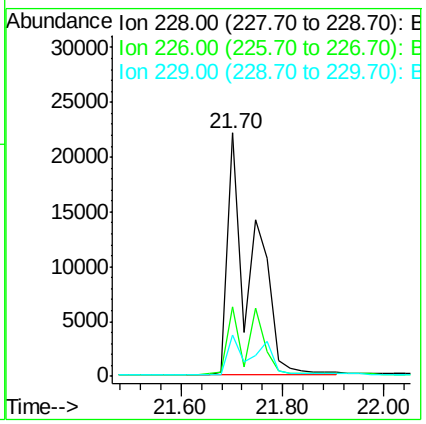


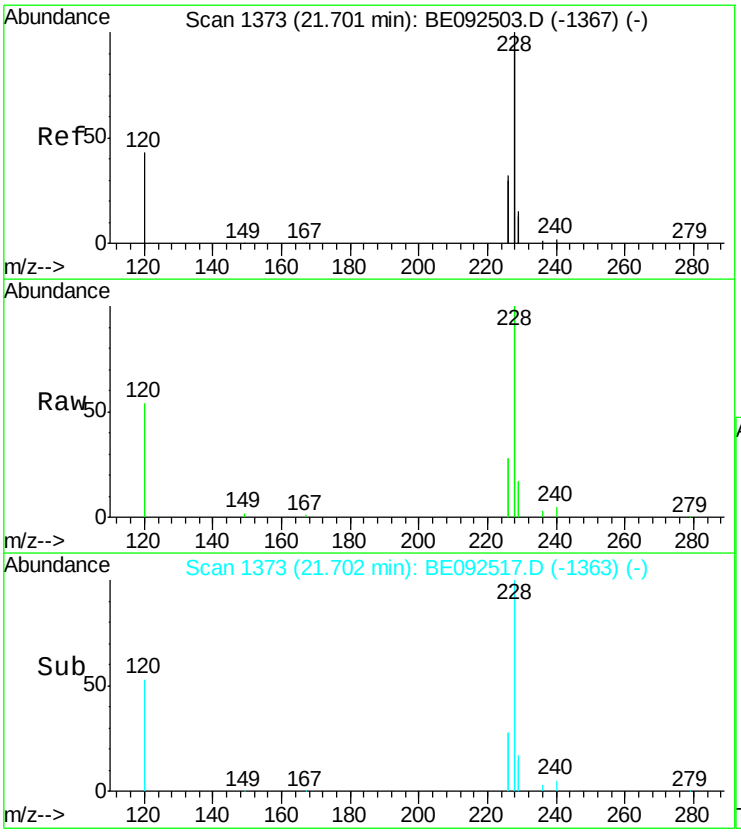
#27
Benzo(a)anthracene
Concen: 0.76 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 72531

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.6	35.4
229	16.9	13.3	19.9

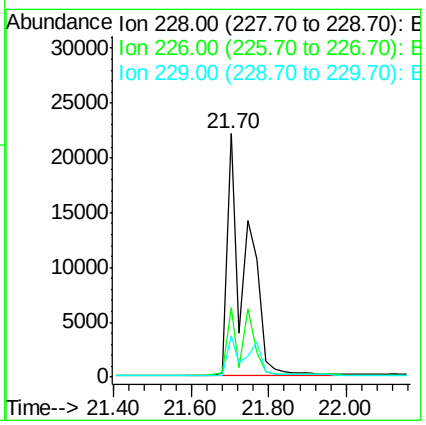


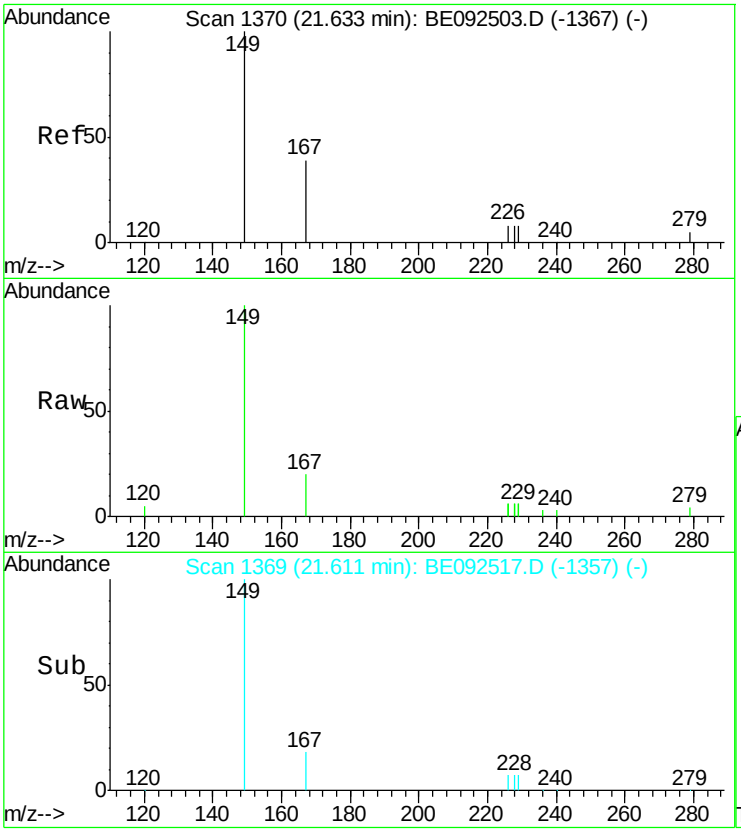


#28
Chrysene
Concen: 0.82 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:228 Resp: 72939

Ion	Ratio	Lower	Upper
228	100		
226	28.4	36.3	54.5#
229	16.9	10.6	16.0#



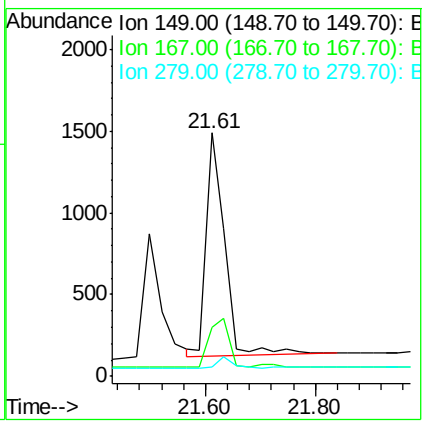


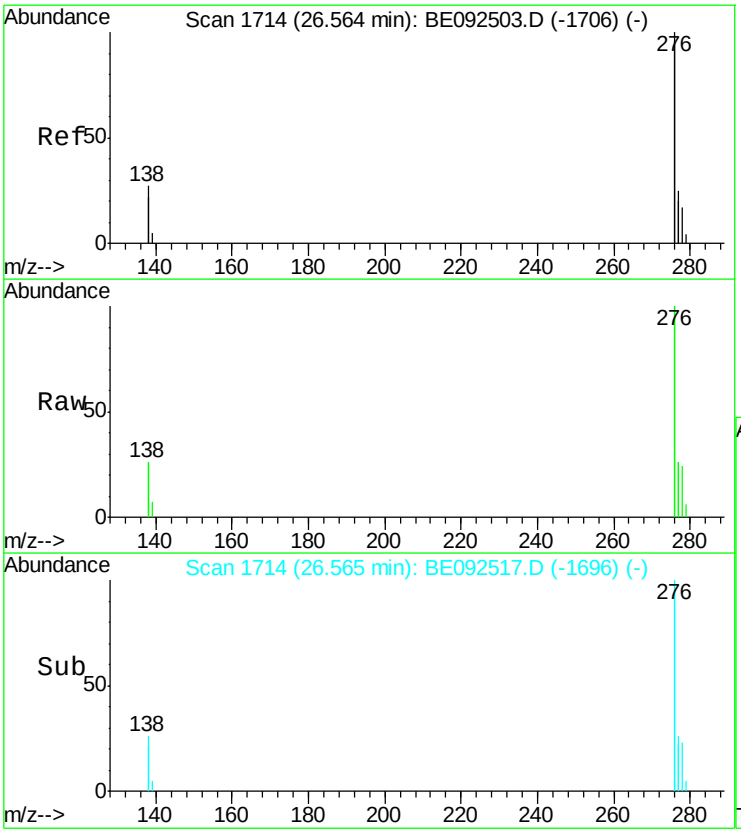
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 3224

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

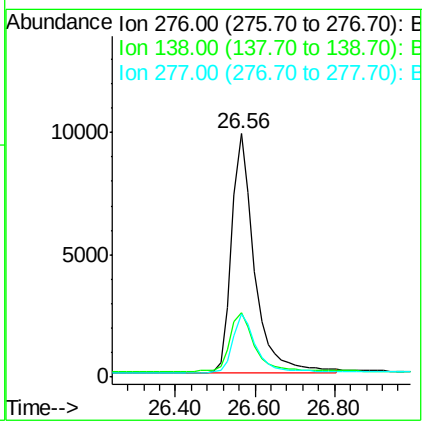


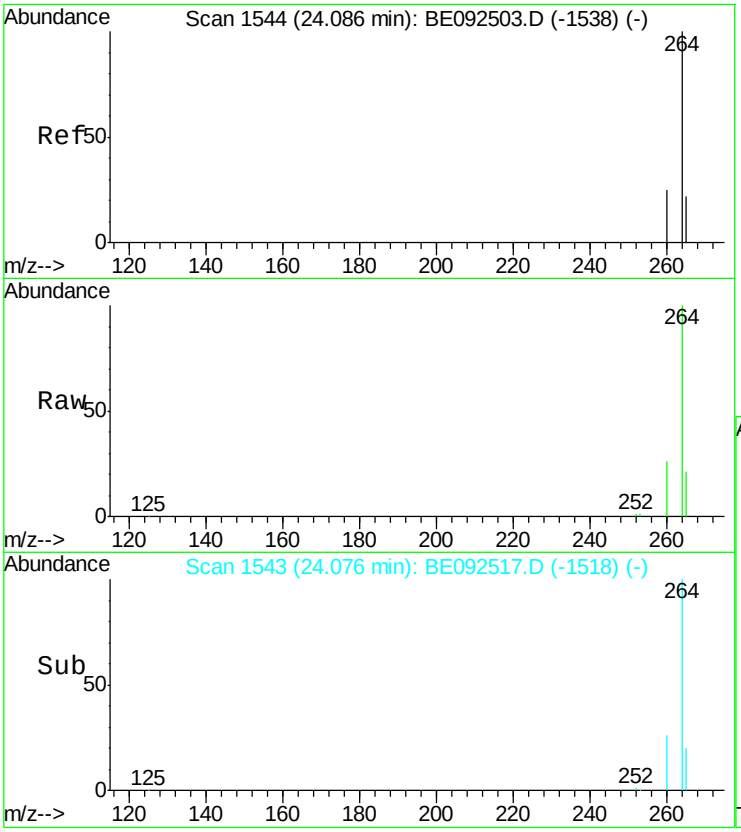


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 26.56 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:276 Resp: 38856

Ion	Ratio	Lower	Upper
276	100		
138	27.0	20.3	30.5
277	24.7	19.7	29.5



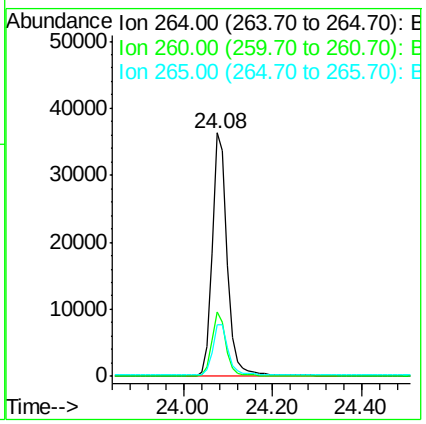


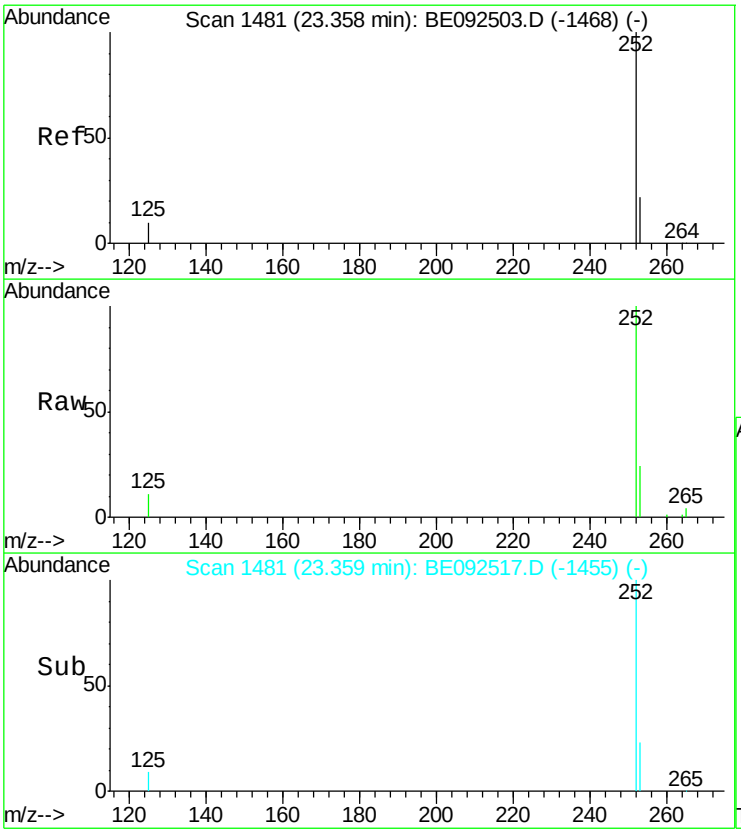
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 84978

Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.1	30.1
265	21.0	17.9	26.9

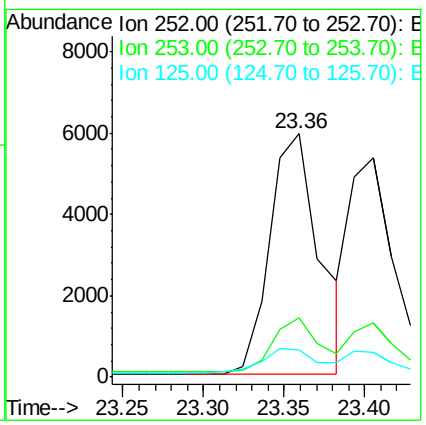


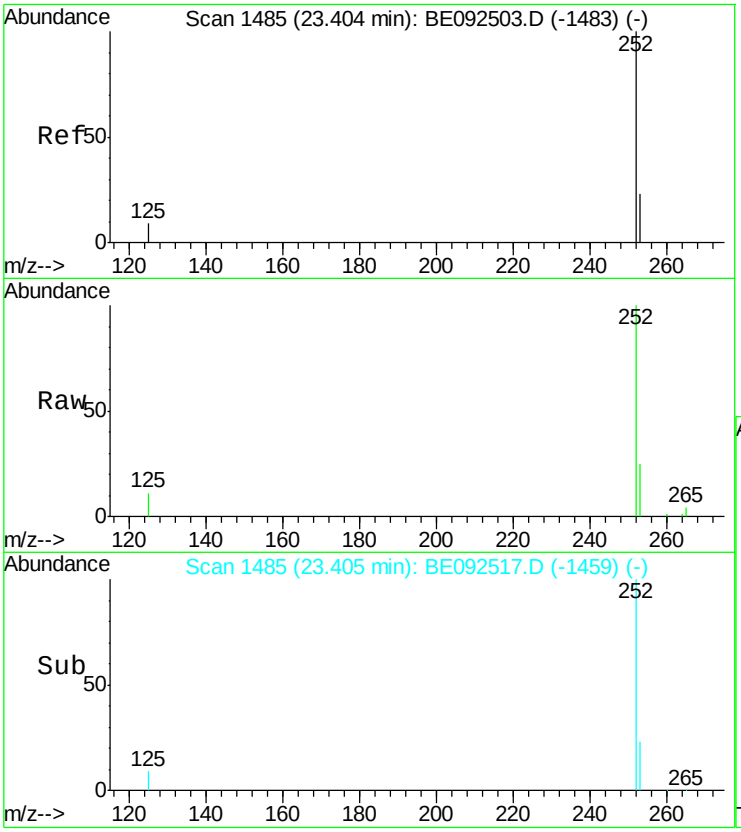


#32
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:252 Resp: 12690

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.7	28.1
125	11.0	10.5	15.7



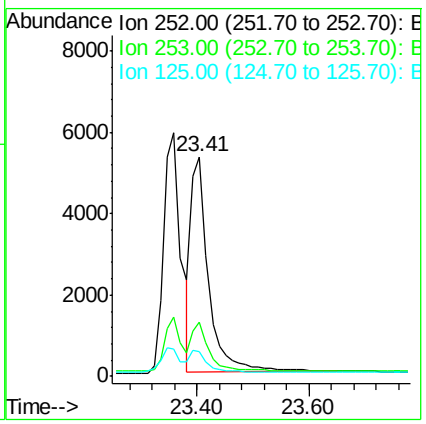


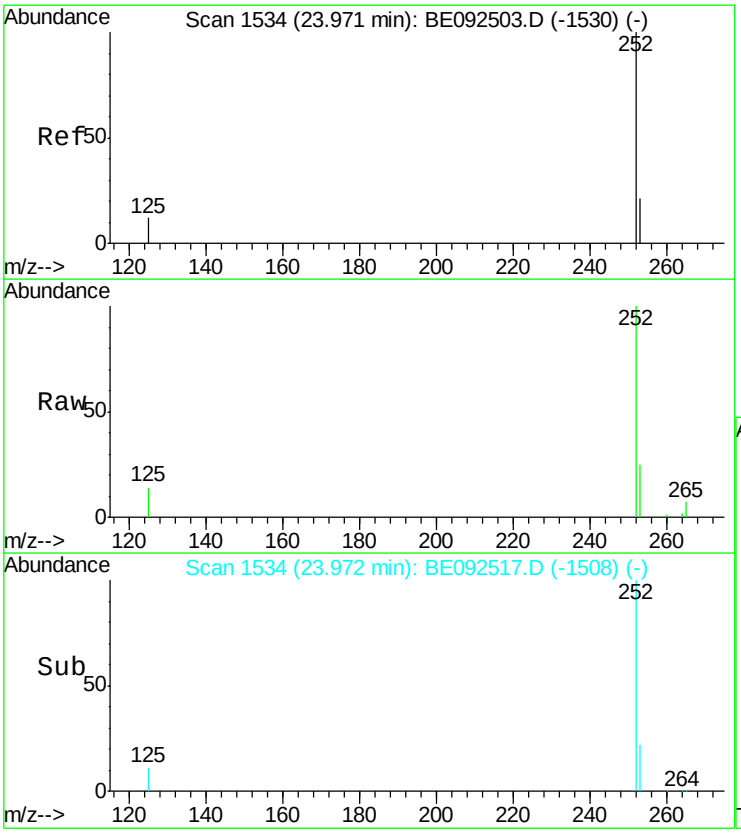
#33
Benzo(k)fluoranthene
Concen: 0.32 ng
RT: 23.41 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 11523

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.3	30.5
125	11.1	9.6	14.4

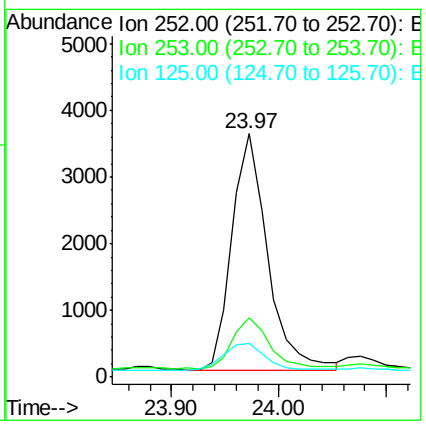


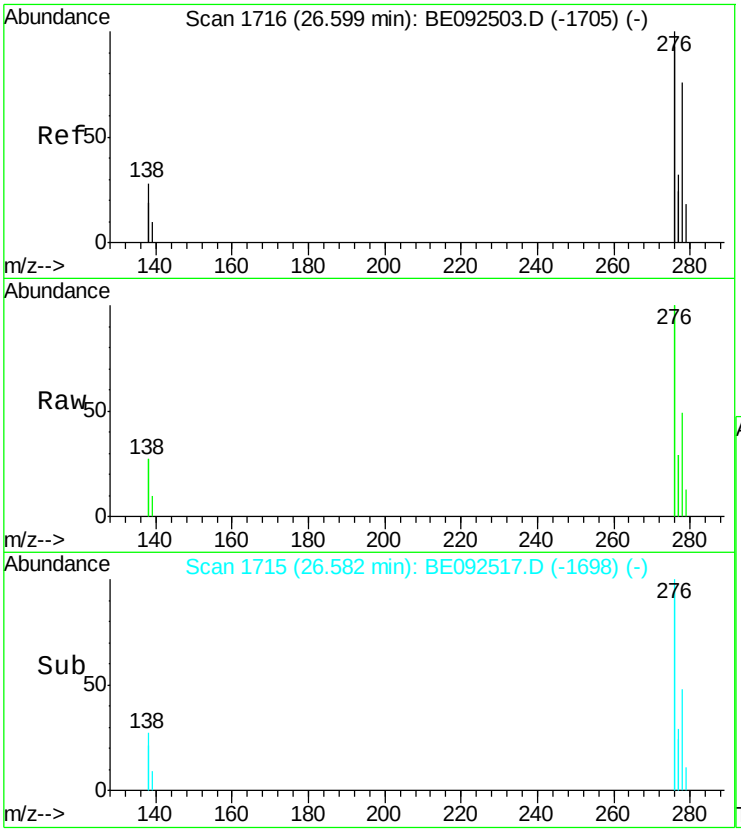


#34
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.97 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:252 Resp: 8144

Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	13.7	11.8	17.8



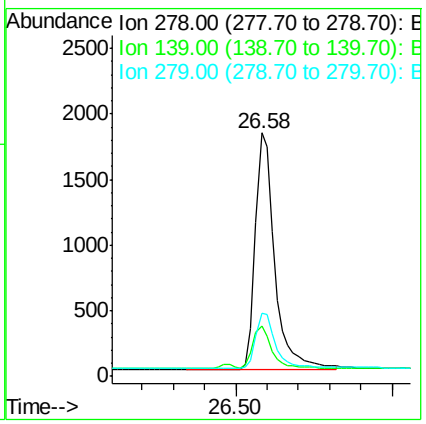


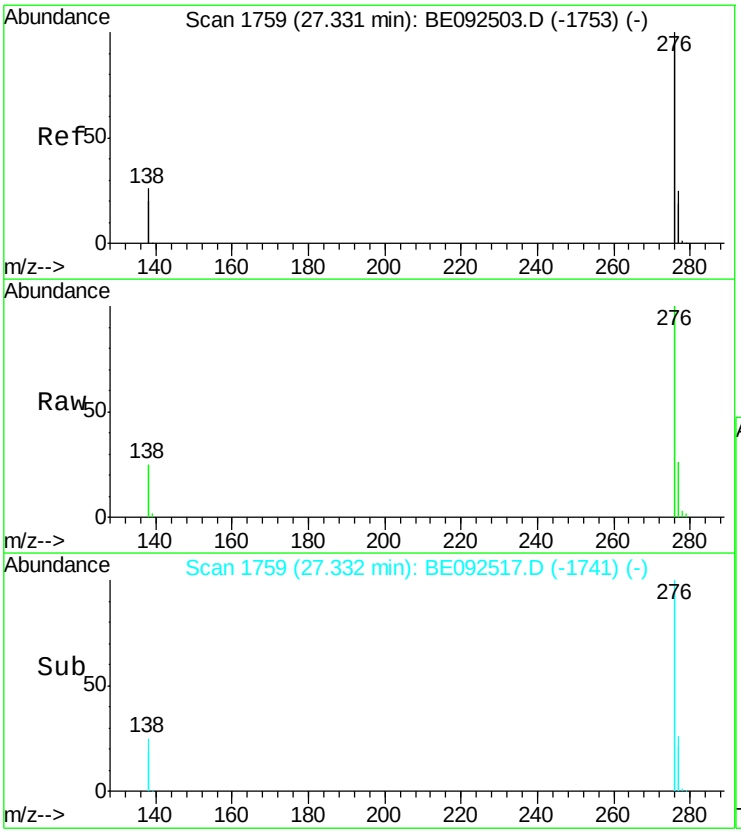
#35
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 7825

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.8	20.8
279	26.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092517.D
Acq: 8 Nov 2016 20:15

Tgt Ion:276 Resp: 32945

Ion	Ratio	Lower	Upper
276	100		
277	25.8	19.8	29.8
138	25.1	19.8	29.6