Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
Data File : BE092267.D
Acq On : 11 Aug 2016 15:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4EC

Quant Time: Aug 11 16:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	13562	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	64704	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	37093	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	91306	5.00	ng		0.00
24) Chrysene-d12	21.73	240	83036	5.00	ng		-0.02
31) Perylene-d12	24.13	264	87110	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.70	112	1180	0.40	ng		0.00
5) Phenol-d6	7.34	99	1625	0.38	ng		-0.02
8) Nitrobenzene-d5	9.34	82	1718	0.38	ng		-0.02
13) 2,4,6-Tribromophenol	16.33	330	379	0.50	ng		0.00
14) 2-Fluorobiphenyl	13.46	172	4517	0.39	ng		-0.01
26) Terphenyl-d14	20.19	244	5701	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	690	0.38	ng		97
3) n-Nitrosodimethylamine	3.80	42	825	0.48	ng	#	94
6) bis(2-Chloroethyl)ether	7.59	93	1491	0.43	ng		92
9) Naphthalene	11.01	128	5771	0.40	ng		95
10) Hexachlorobutadiene	11.30	225	845	0.40	ng		97
11) 2-Methylnaphthalene	12.65	142	3630	0.40	ng		98
15) Acenaphthylene	14.54	152	24925	0.39	ng		100
16) Acenaphthene	14.90	154	4087	0.40	ng		99
17) Fluorene	15.88	166	4901	0.39	ng		99
19) Hexachlorobenzene	16.89	284	1314	0.36	ng	#	100
20) Pentachlorophenol	17.24	266	322	0.44	ng		90
21) Phenanthrene	17.60	178	8824	0.37	ng		99
22) Anthracene	17.70	178	8027	0.38	ng		100
23) Fluoranthene	19.63	202	35112	0.37	ng		99
25) Pyrene	19.99	202	40040	0.41	ng		100
27) Benzo(a)anthracene	21.70	228	43208	0.43	ng	#	65
28) Chrysene	21.70	228	43208	0.47	ng	#	72
29) Bis(2-ethylhexyl)phthalate	21.64	149	4449	0.49	ng	#	95
30) Indeno(1,2,3-cd)pyrene	26.63	276	40251	0.41	ng		99
32) Benzo(b)fluoranthene	23.39	252	9112	0.40	ng		99
33) Benzo(k)fluoranthene	23.44	252	9381	0.41	ng		97
34) Benzo(a)pyrene	24.02	252	8813	0.41	ng		97
35) Dibenzo(a,h)anthracene	26.67	278	8108	0.40	ng	#	96
36) Benzo(g,h,i)perylene	27.40	276	33810	0.39	ng		96

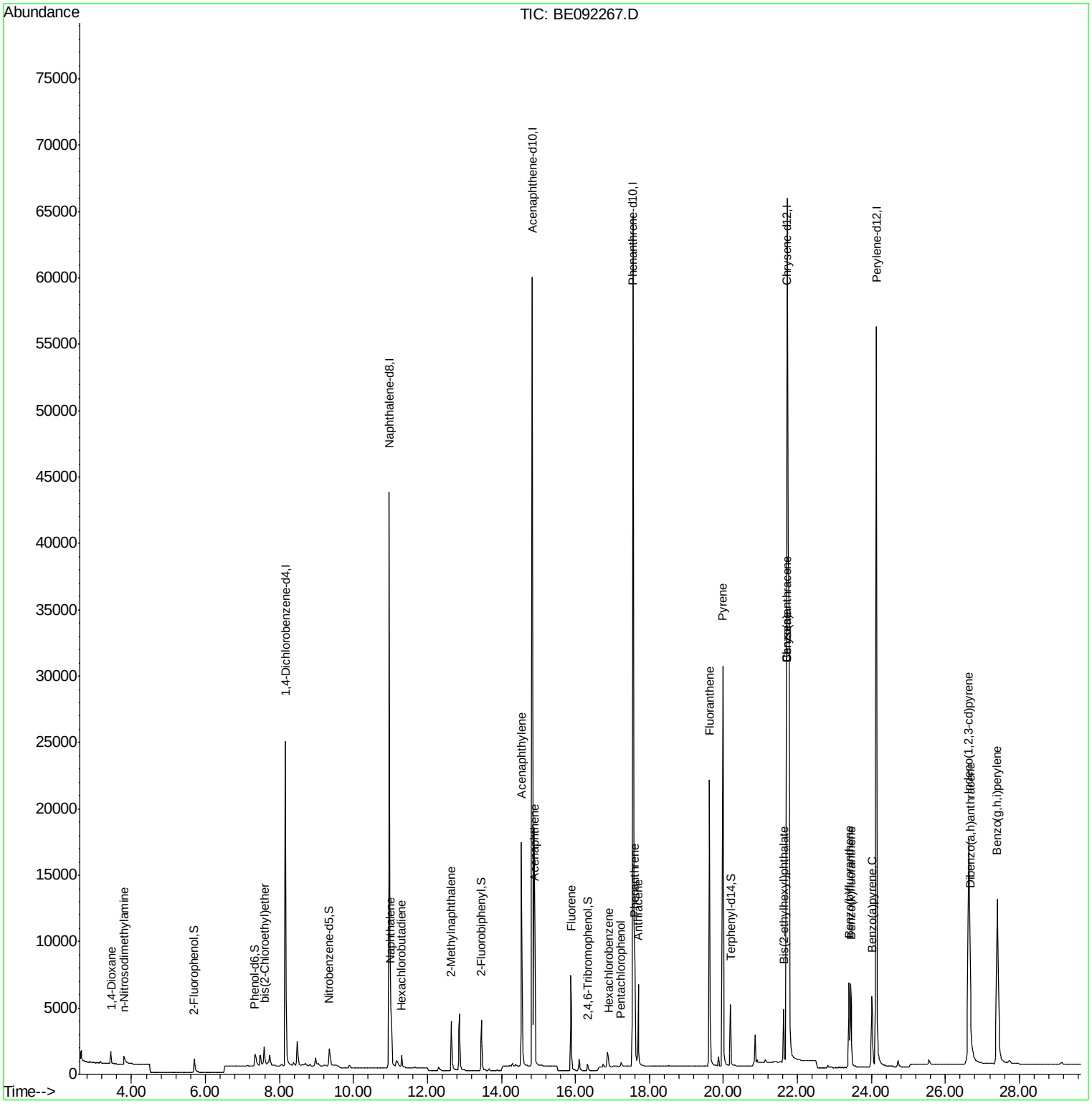
(#) = qualifier out of range (m) = manual integration (+) = signals summed

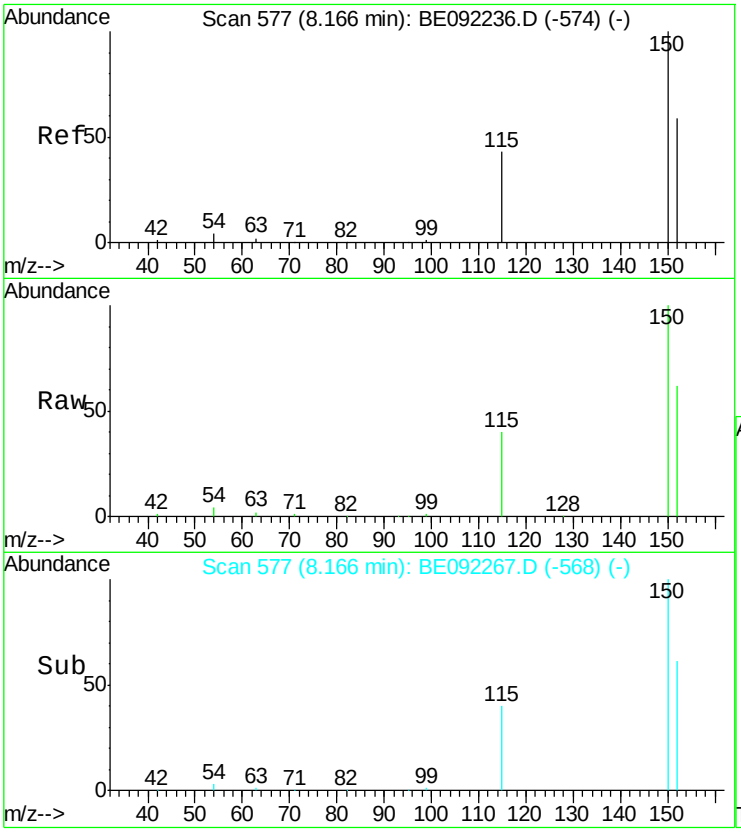
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE081116\
Data File : BE092267.D
Acq On : 11 Aug 2016 15:15
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Aug 11 16:23:10 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 11:12:32 2016
Response via : Initial Calibration



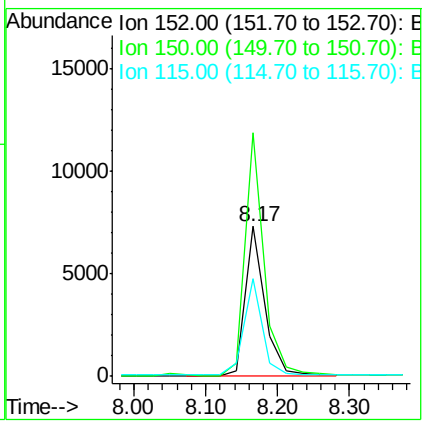


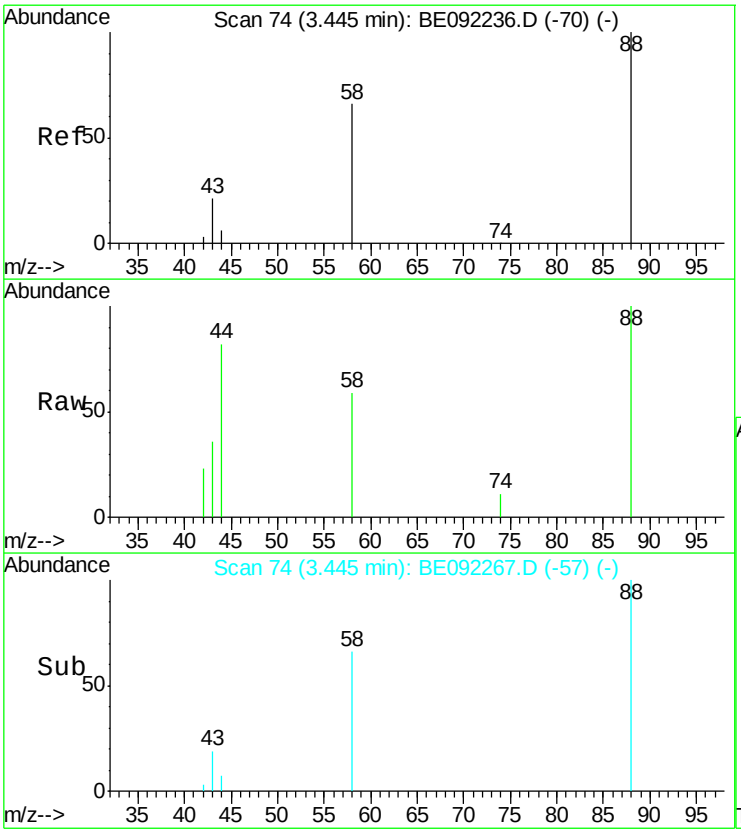
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 13562

Ion	Ratio	Lower	Upper
152	100		
150	162.6	135.6	203.4
115	65.3	59.4	89.0

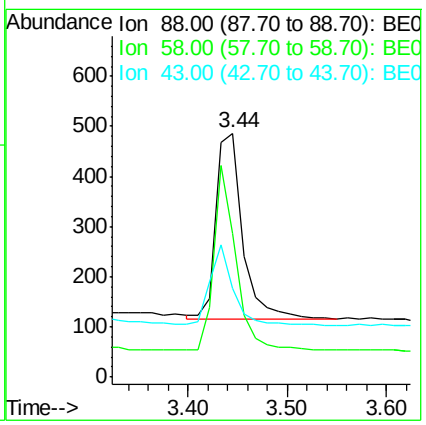


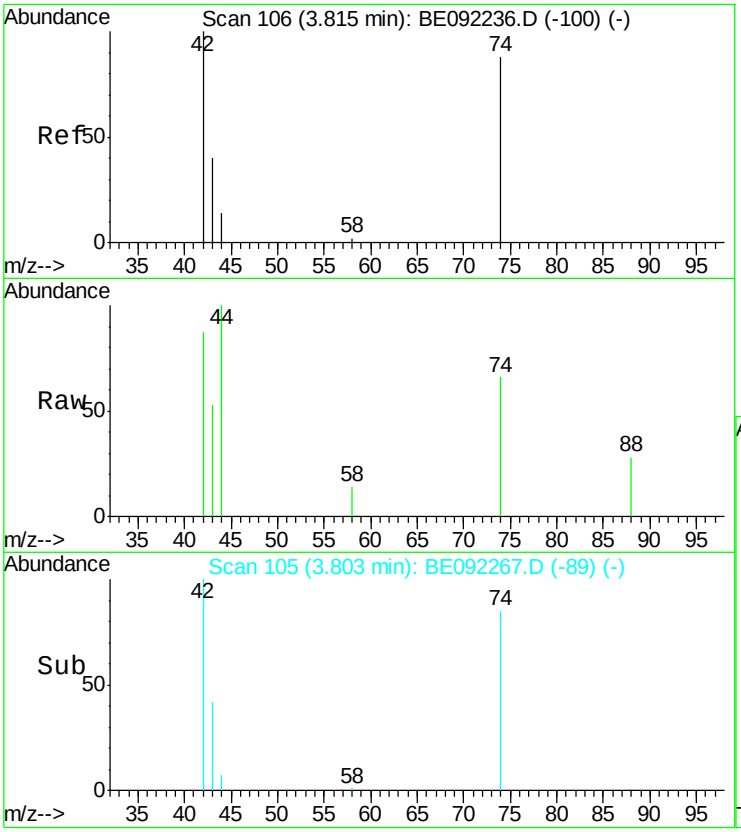


#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.44 min Scan# 74
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion: 88 Resp: 690

Ion	Ratio	Lower	Upper
88	100		
58	81.9	64.4	96.6
43	38.0	33.4	50.2



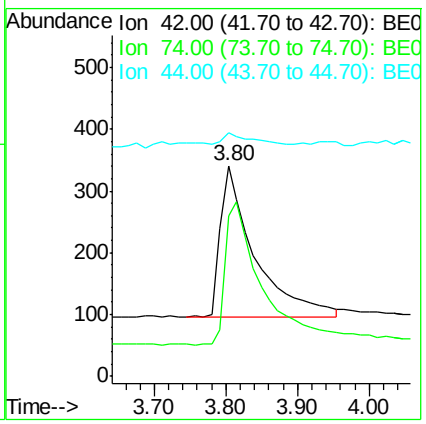


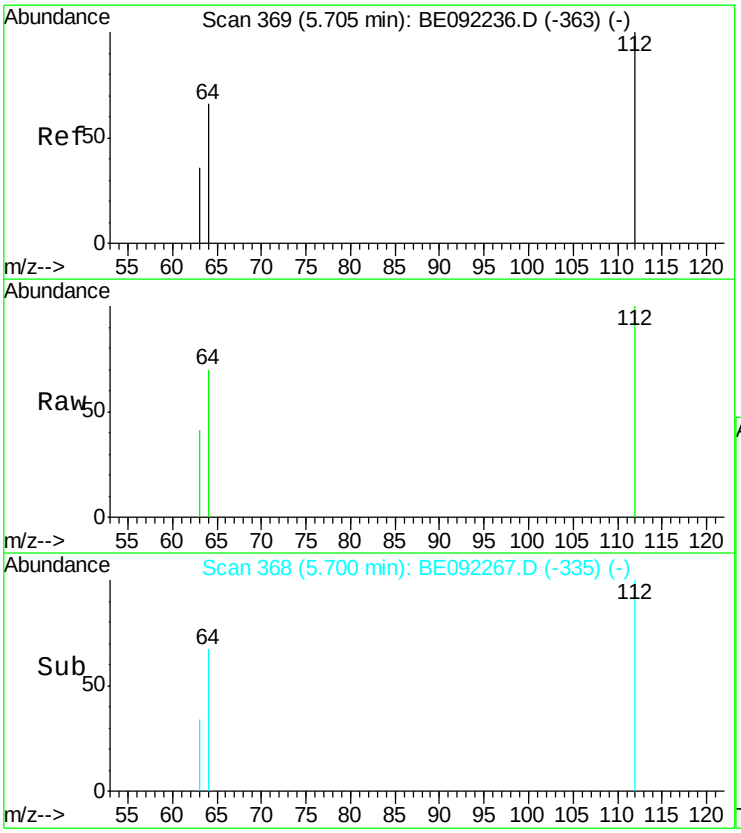
#3
n-Nitrosodimethylamine
Concen: 0.48 ng
RT: 3.80 min Scan# 105
Delta R.T. -0.01 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 825

Ion	Ratio	Lower	Upper
42	100		
74	102.2	77.2	115.8
44	7.6	5.0	7.4#

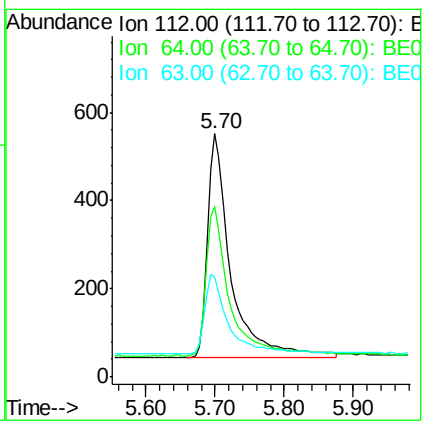


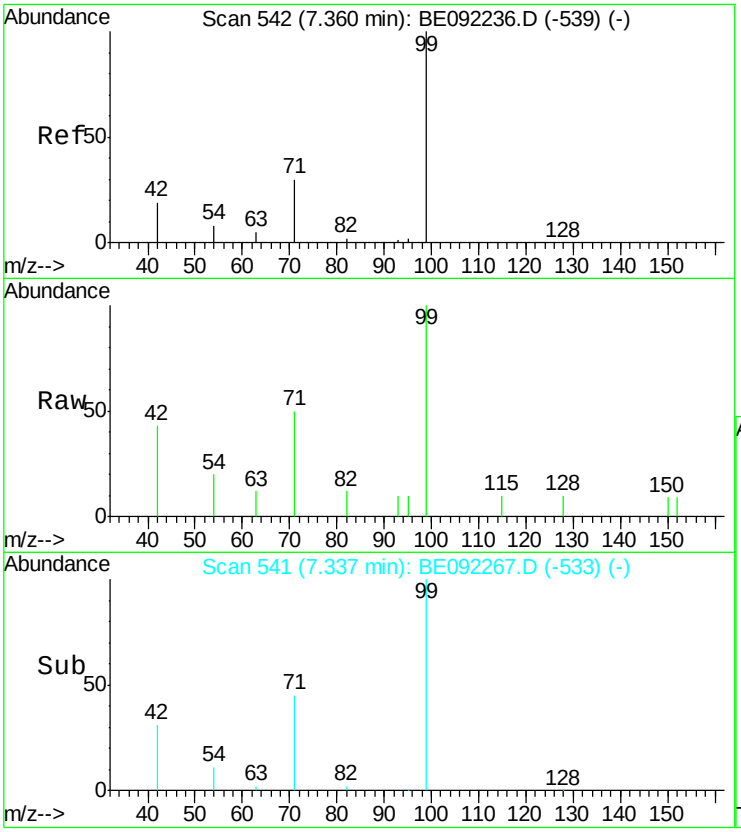


#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.70 min Scan# 368
Delta R.T. -0.01 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:112 Resp: 1180

Ion	Ratio	Lower	Upper
112	100		
64	67.9	53.2	79.8
63	36.3	27.4	41.2



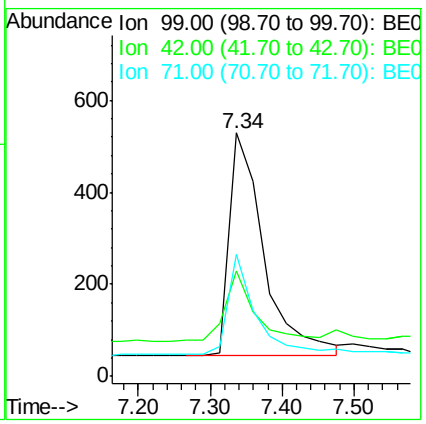


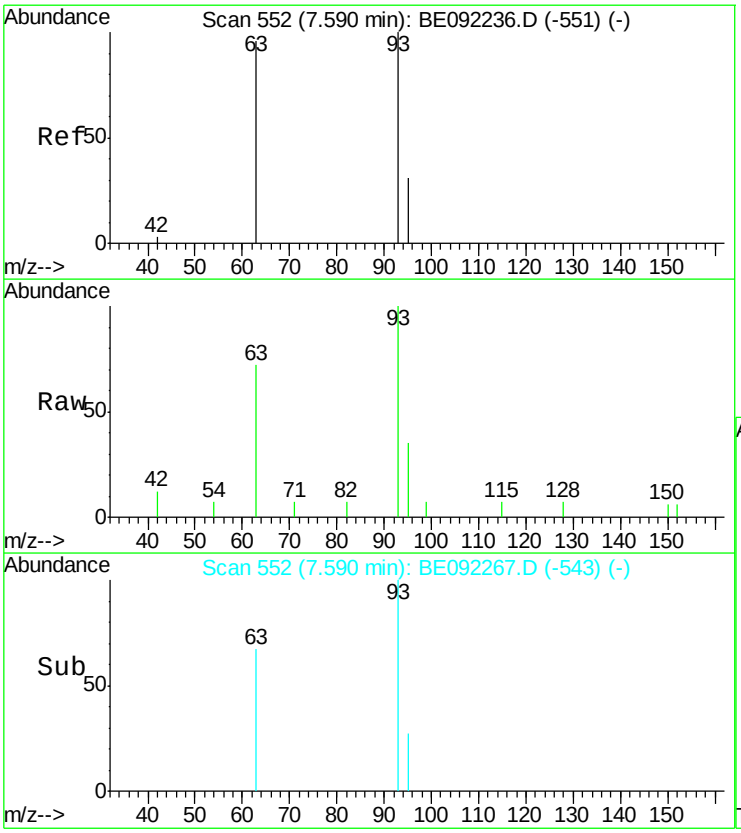
#5
Phenol-d6
Concen: 0.38 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 1625

Ion	Ratio	Lower	Upper
99	100		
42	26.6	0.0	0.0#
71	35.6	29.8	44.8

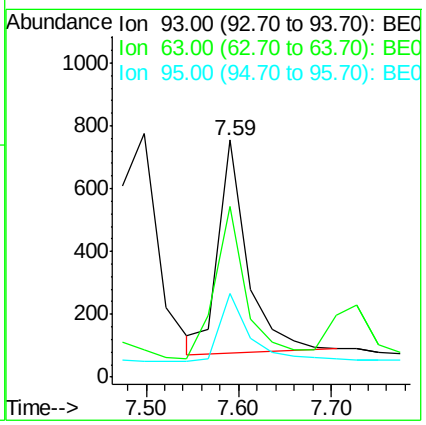


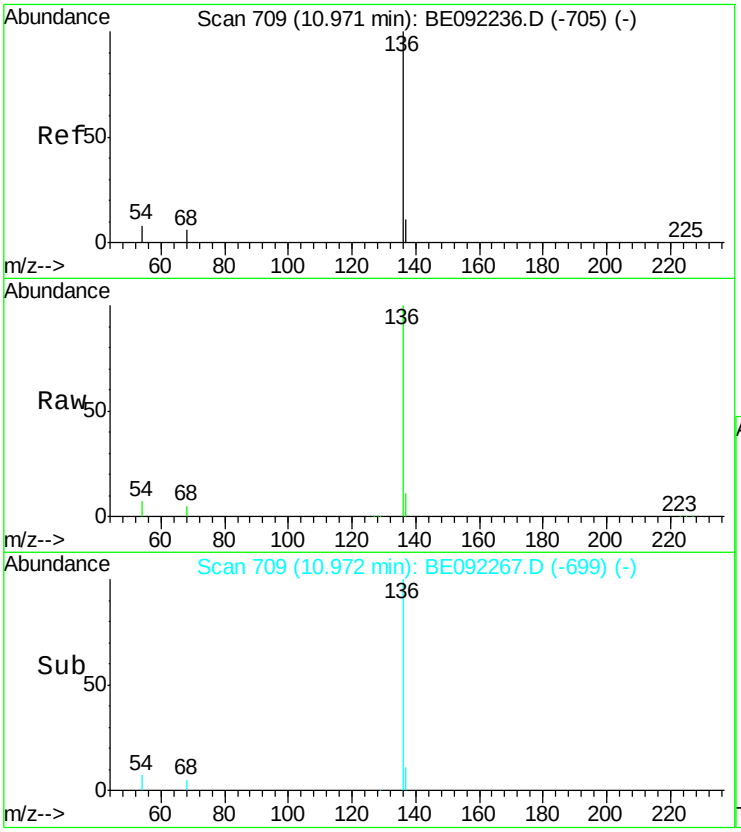


#6
bis(2-Chloroethyl)ether
Concen: 0.43 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion: 93 Resp: 1491

Ion	Ratio	Lower	Upper
93	100		
63	76.7	68.5	102.7
95	32.6	27.2	40.8



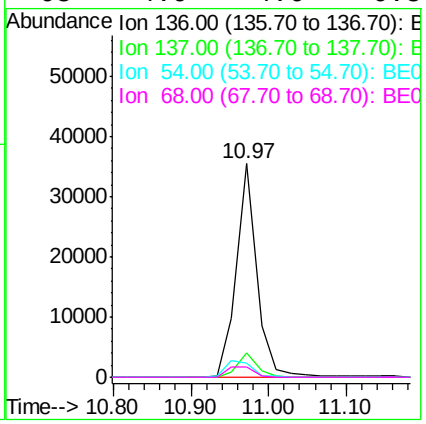


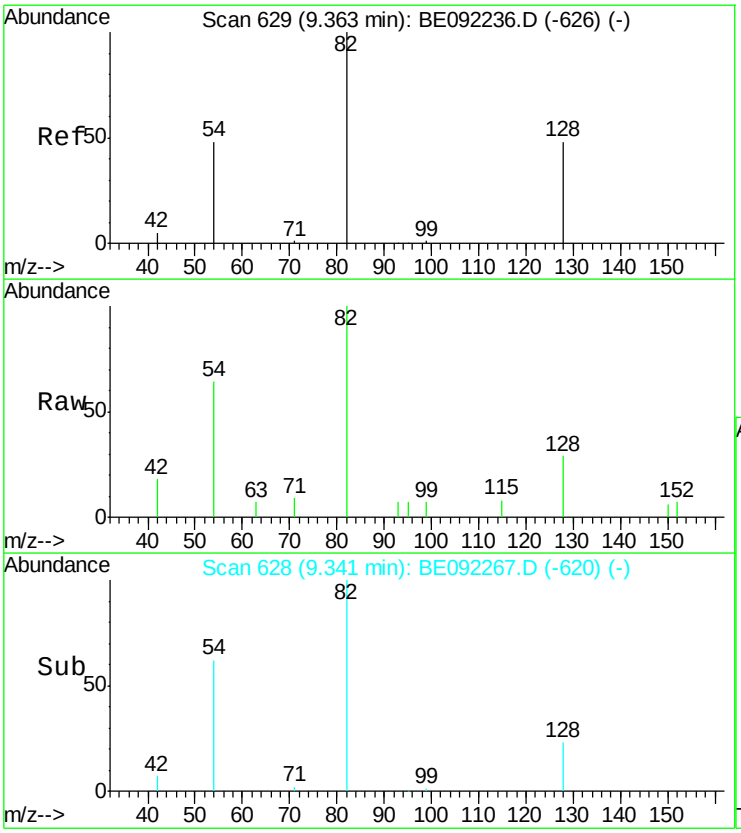
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 64704

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	6.2	9.4
68	4.9	4.6	6.8

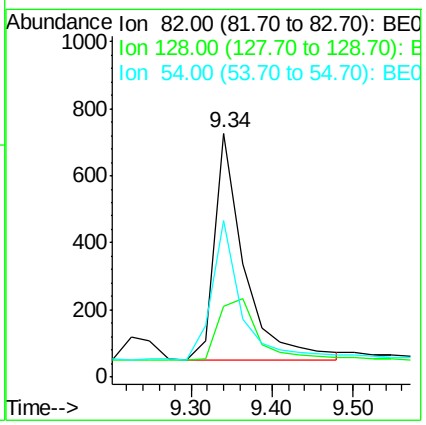


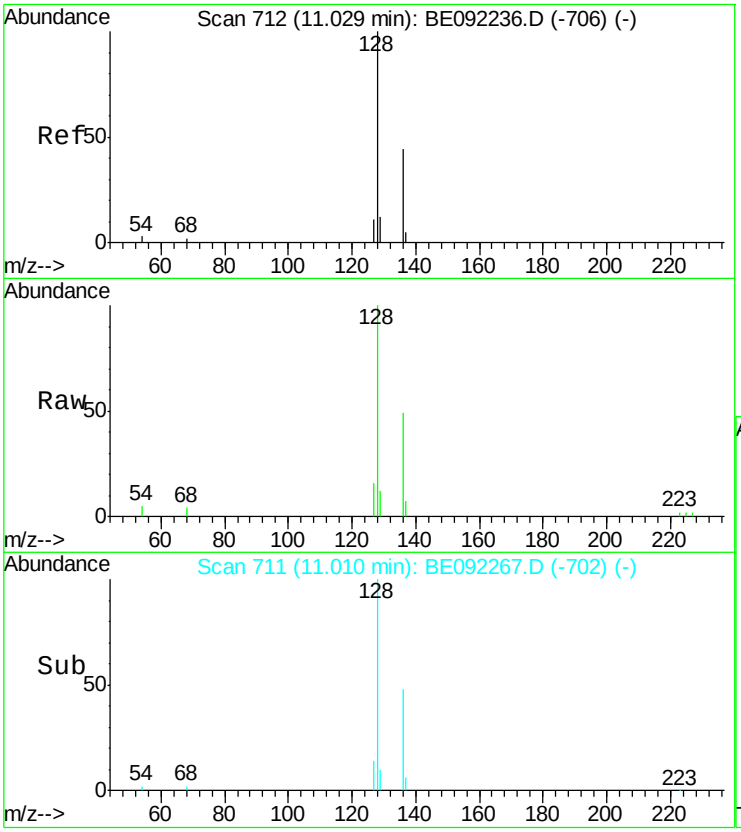


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 9.34 min Scan# 628
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion: 82 Resp: 1718

Ion	Ratio	Lower	Upper
82	100		
128	28.8	45.0	67.4#
54	64.5	45.4	68.2



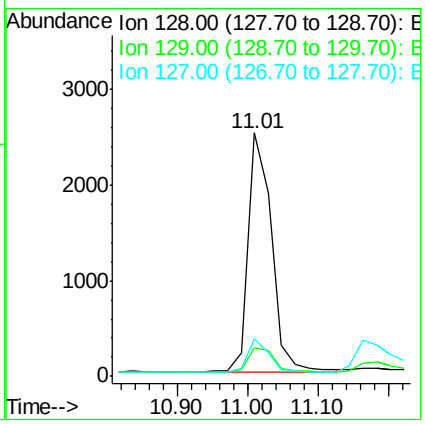


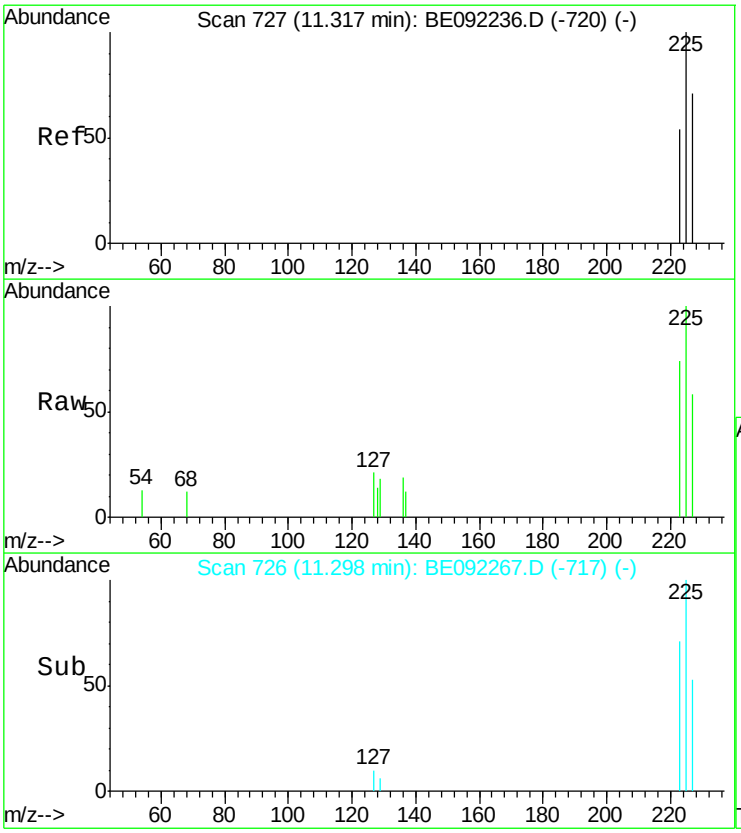
#9
Naphthalene
Concen: 0.40 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 5771

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.5	17.3
127	15.6	11.0	16.6

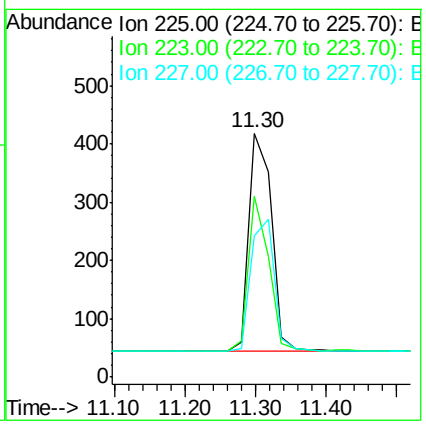


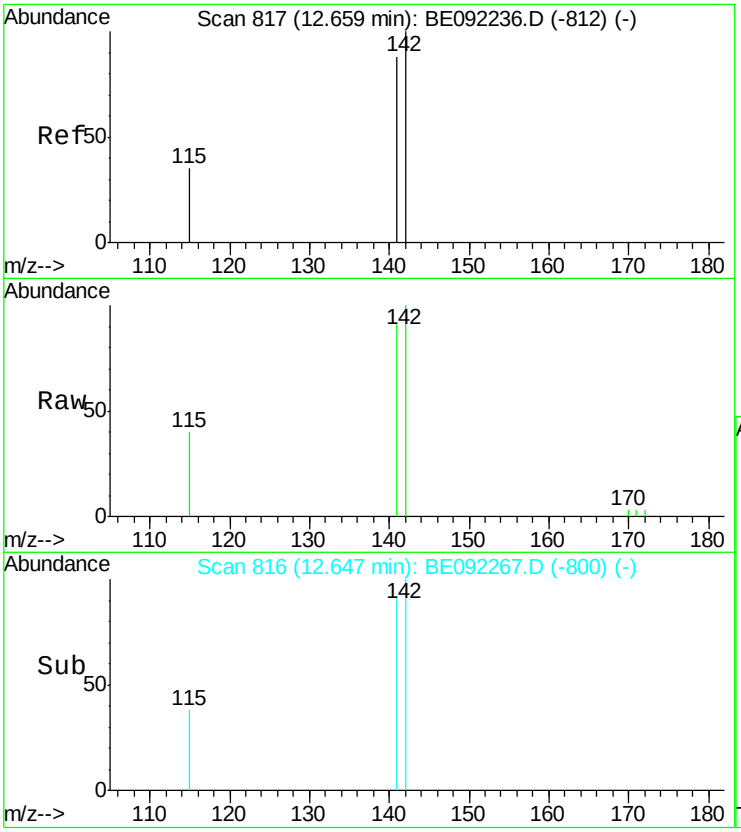


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:225 Resp: 845

Ion	Ratio	Lower	Upper
225	100		
223	62.6	52.2	78.4
227	62.5	51.0	76.6



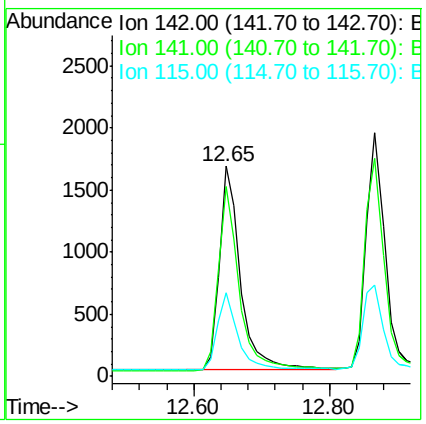


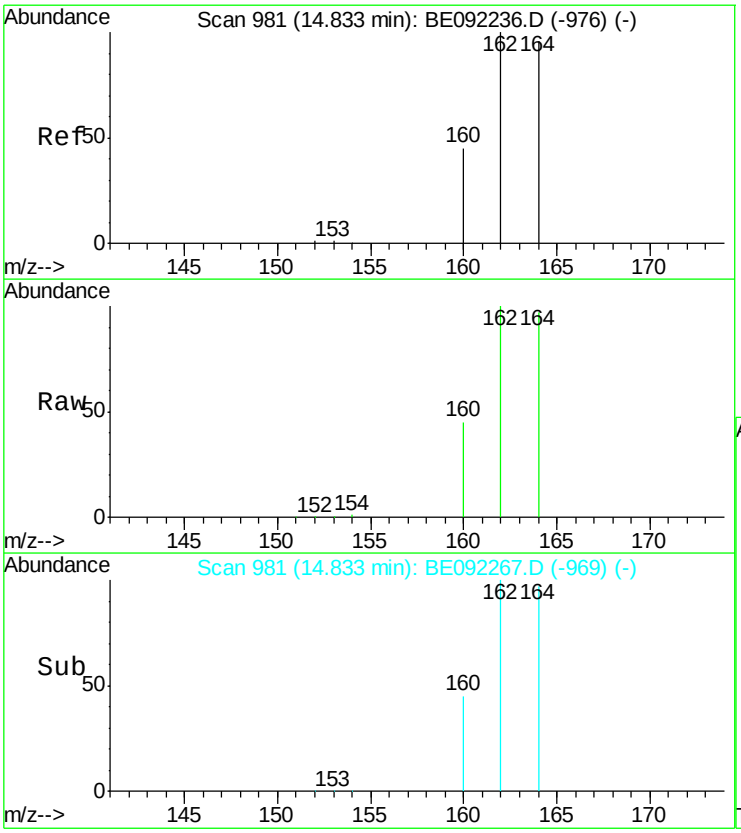
#11
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.01 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:142 Resp: 3630

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.6	105.8
115	39.8	31.0	46.4

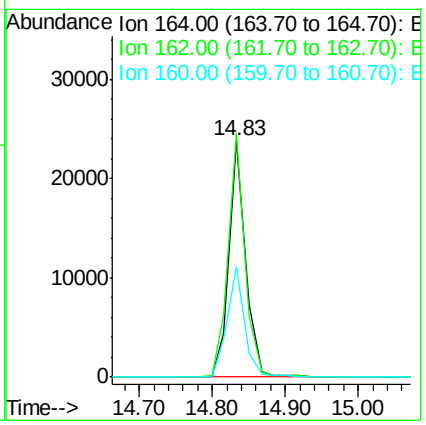


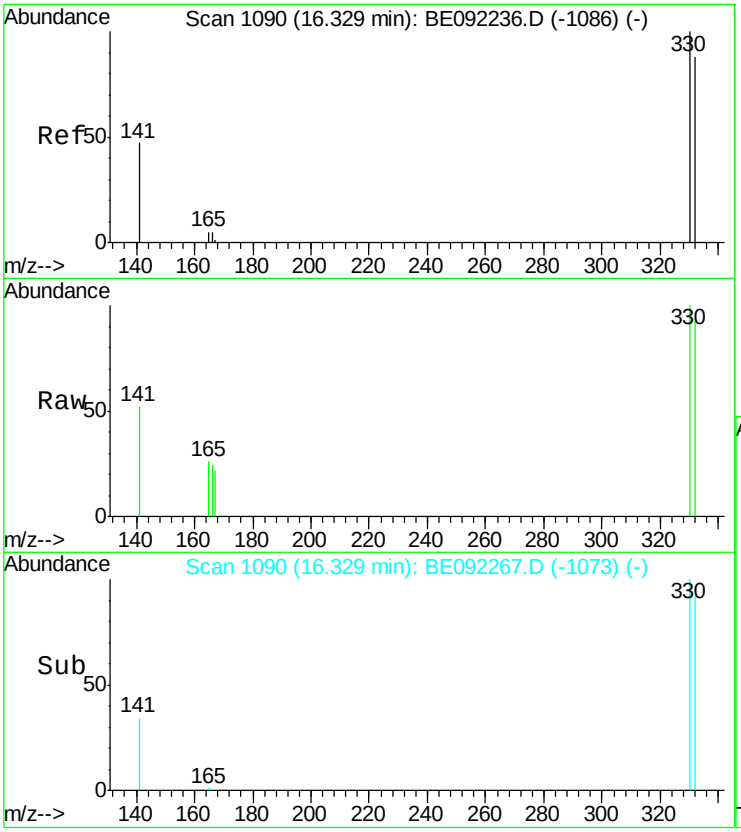


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:164 Resp: 37093

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.3	124.9
160	46.6	38.0	57.0



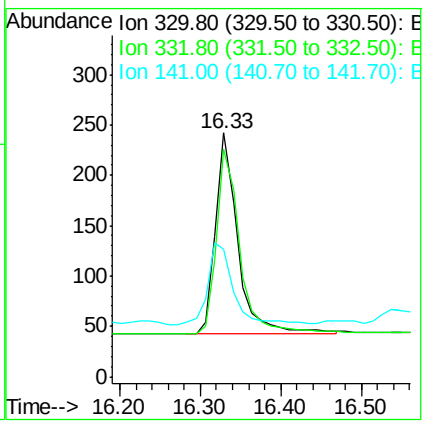


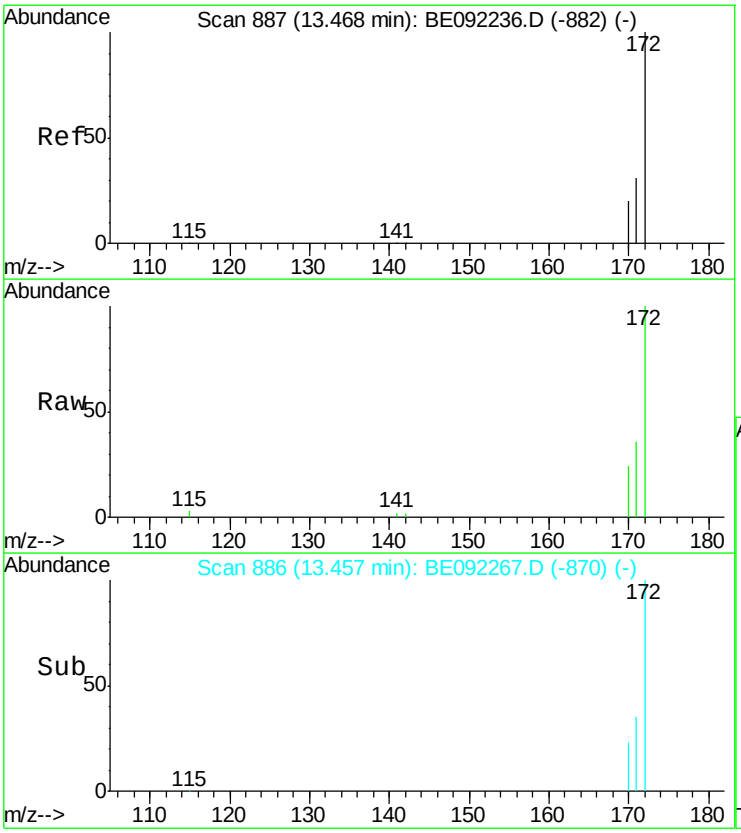
#13
2,4,6-Tribromophenol
Concen: 0.50 ng
RT: 16.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:330 Resp: 379

Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.4	113.0
141	46.2	37.7	56.5

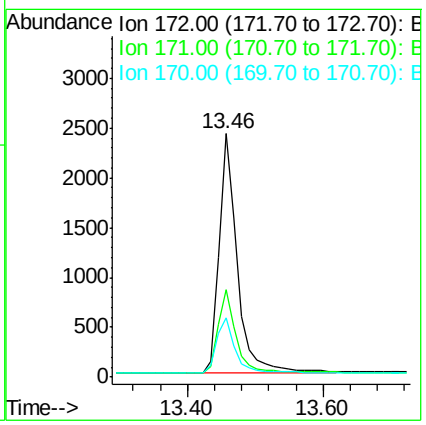


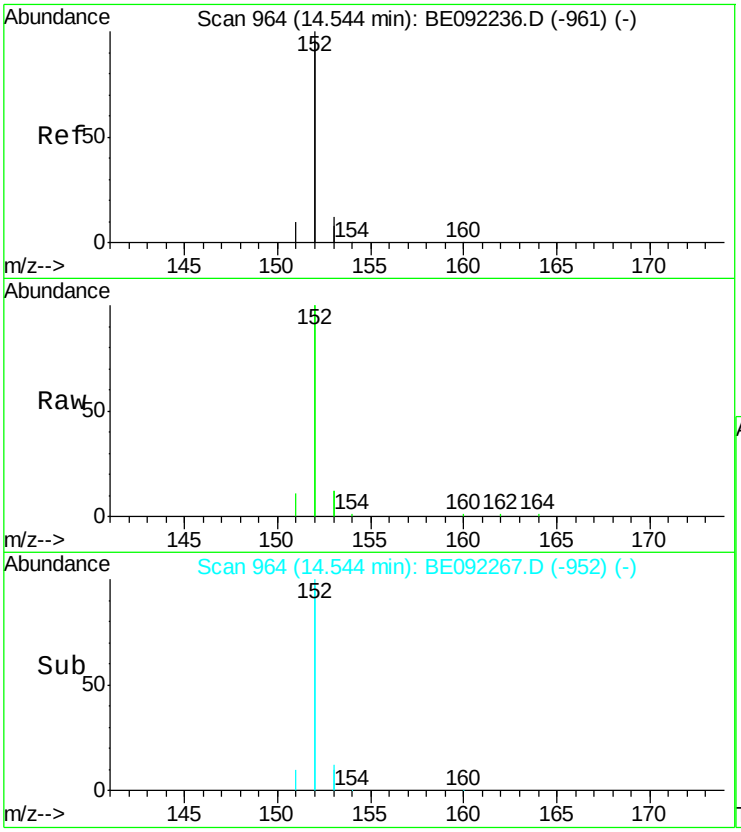


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:172 Resp: 4517

Ion	Ratio	Lower	Upper
172	100		
171	36.0	26.8	40.2
170	24.5	17.8	26.6



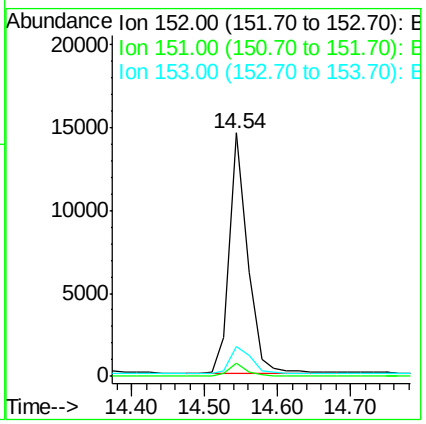


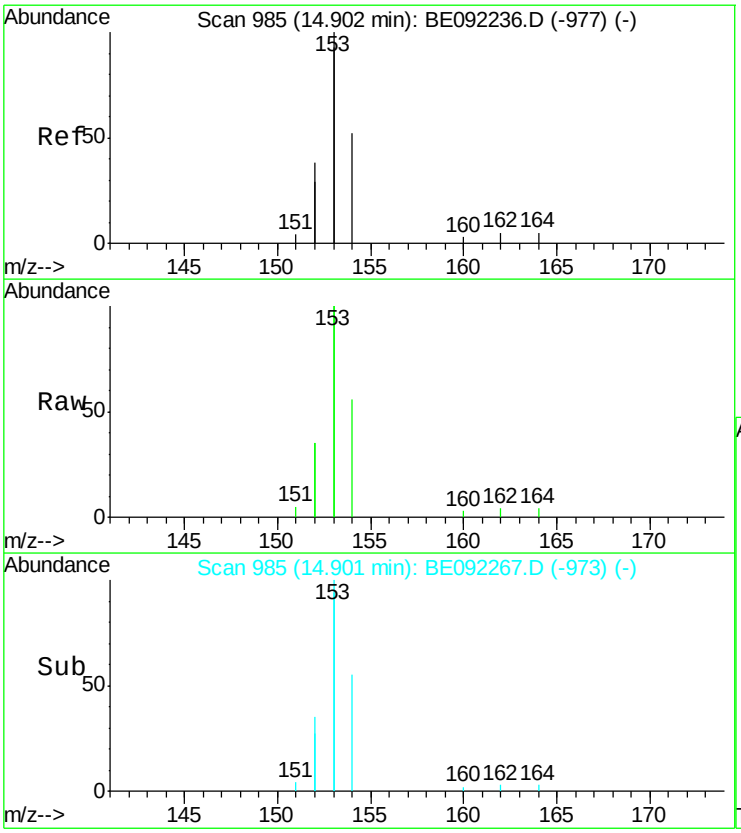
#15
Acenaphthylene
Concen: 0.39 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 24925

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	12.8	10.2	15.2

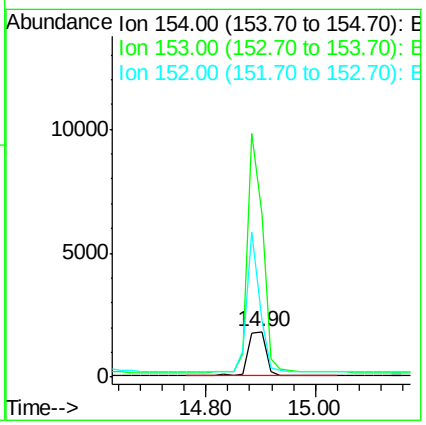


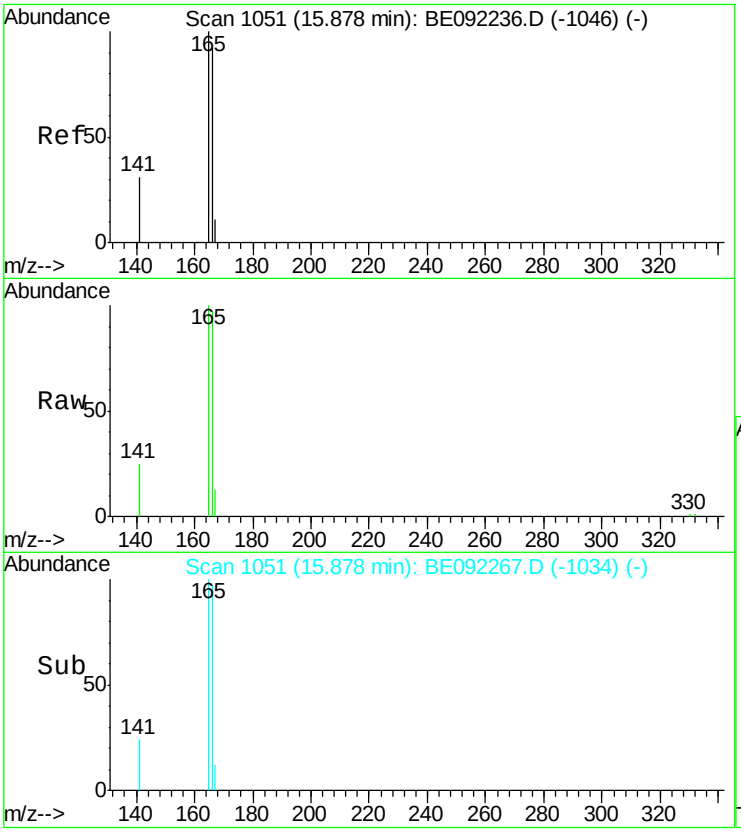


#16
Acenaphthene
Concen: 0.40 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:154 Resp: 4087

Ion	Ratio	Lower	Upper
154	100		
153	441.9	355.0	532.4
152	222.5	179.7	269.5



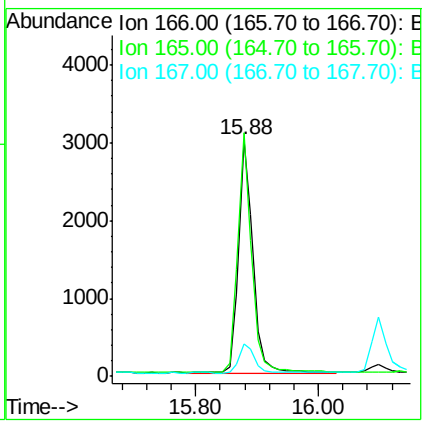


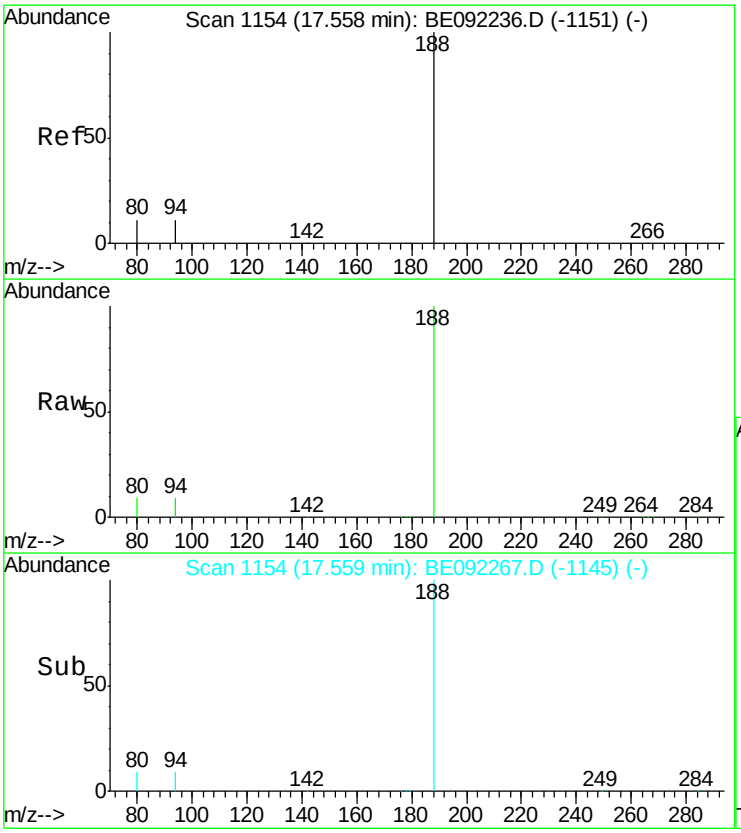
#17
Fluorene
Concen: 0.39 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:166 Resp: 4901

Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.1	120.1
167	13.4	10.6	16.0

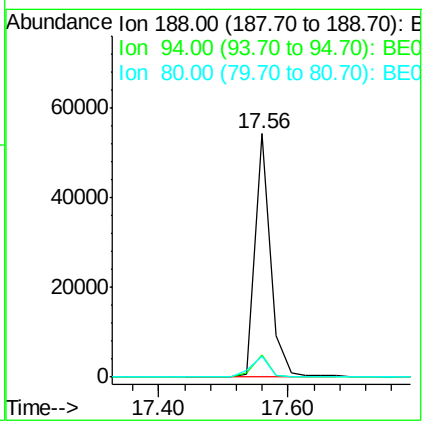


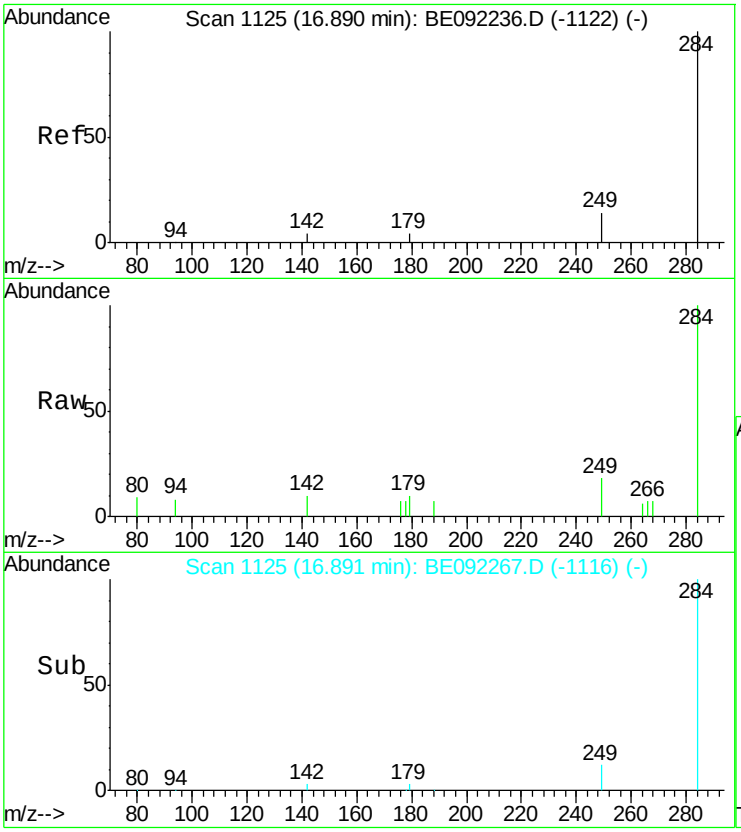


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:188 Resp: 91306

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.2	13.8#
80	8.7	9.1	13.7#



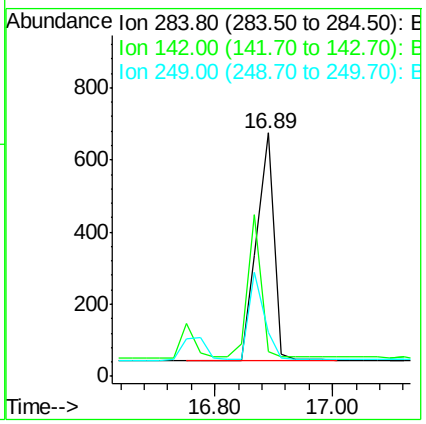


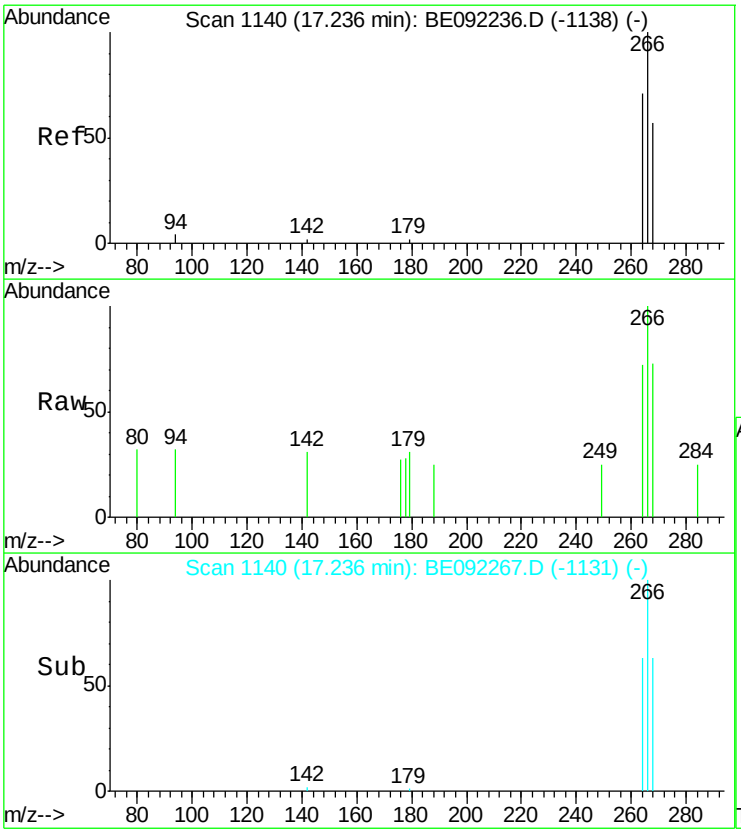
#19
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 1314

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

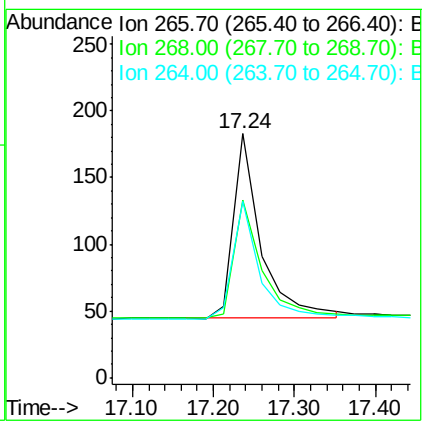


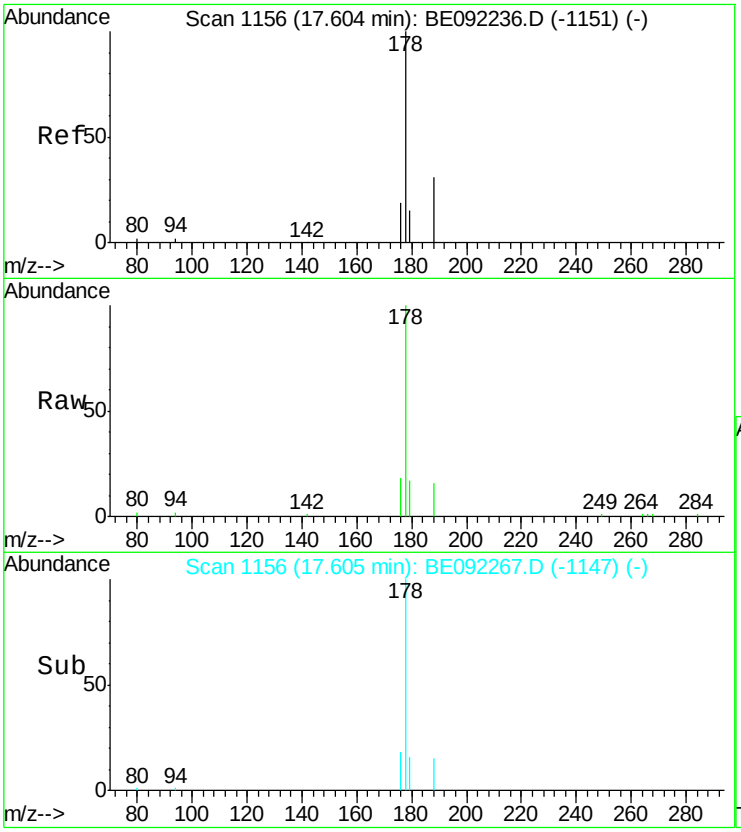


#20
Pentachlorophenol
Concen: 0.44 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:266 Resp: 322

Ion	Ratio	Lower	Upper
266	100		
268	72.7	62.3	93.5
264	72.1	67.4	101.0



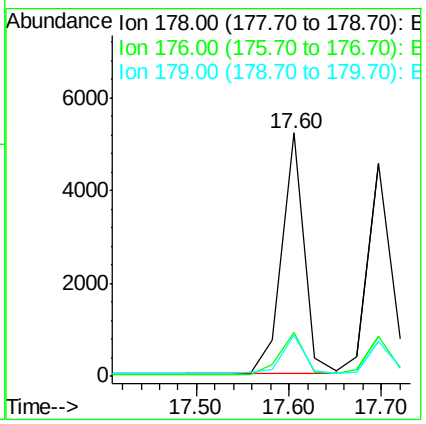


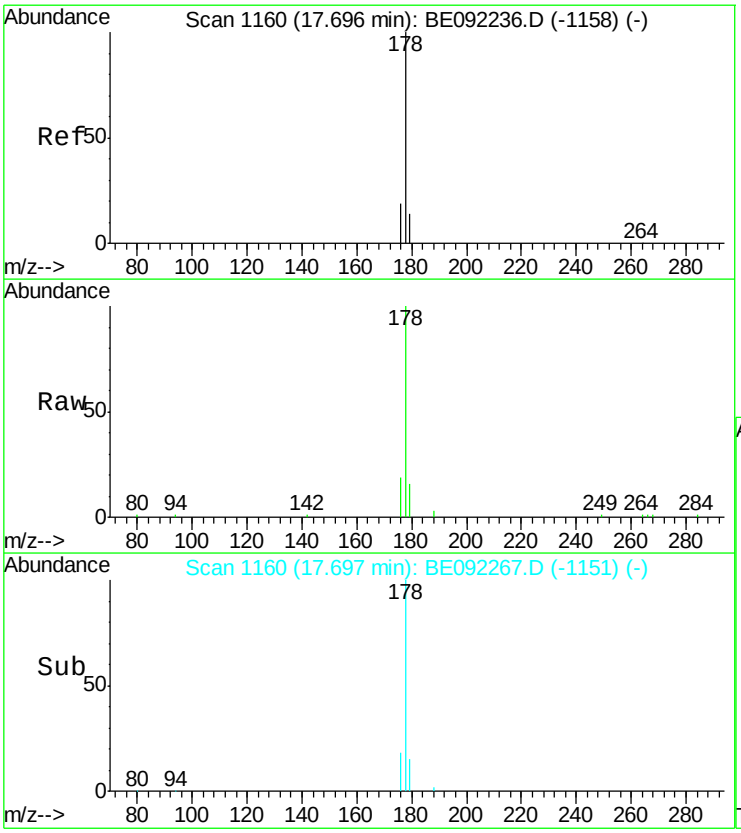
#21
Phenanthrene
Concen: 0.37 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 8824

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.7	12.9	19.3

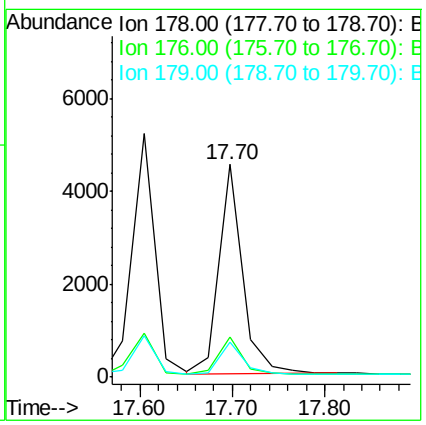


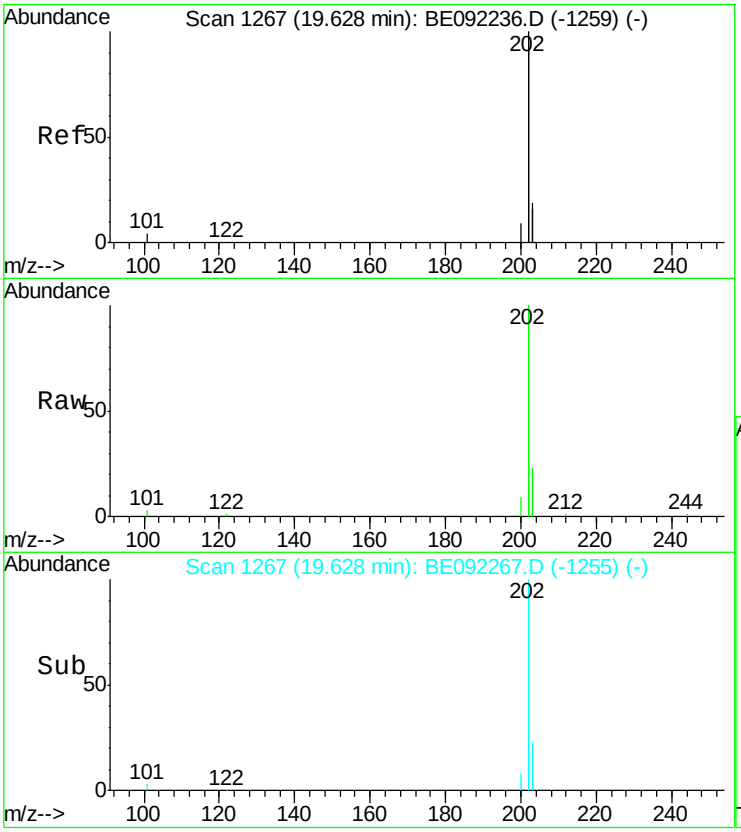


#22
Anthracene
Concen: 0.38 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:178 Resp: 8027

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.0	18.0



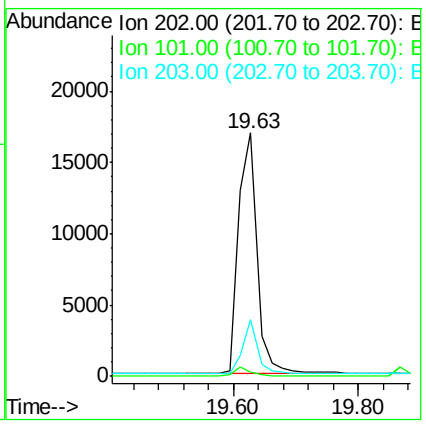


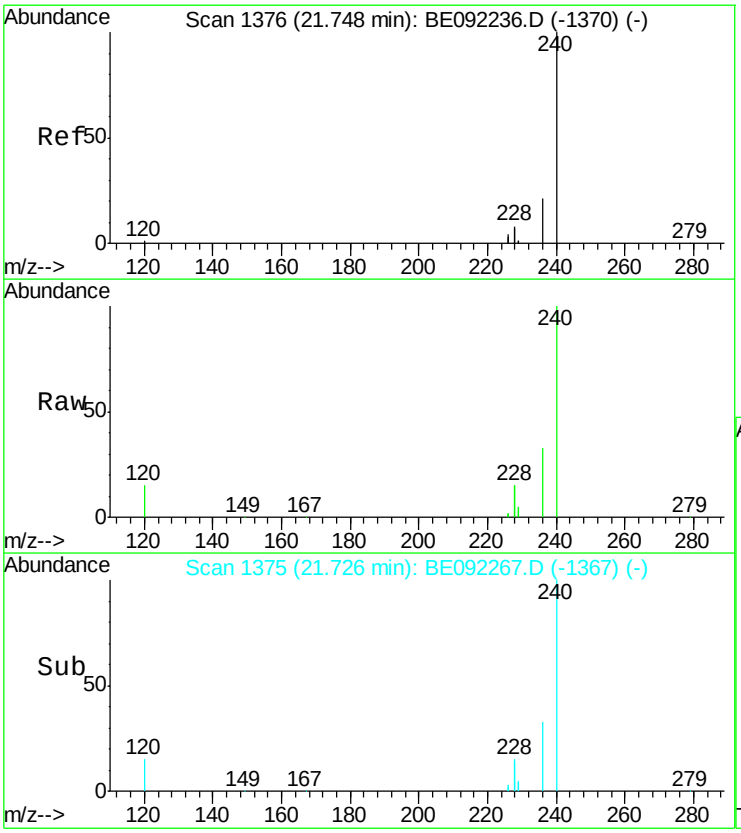
#23
Fluoranthene
Concen: 0.37 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 35112

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

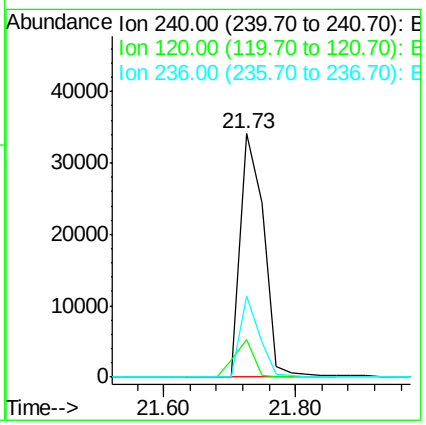


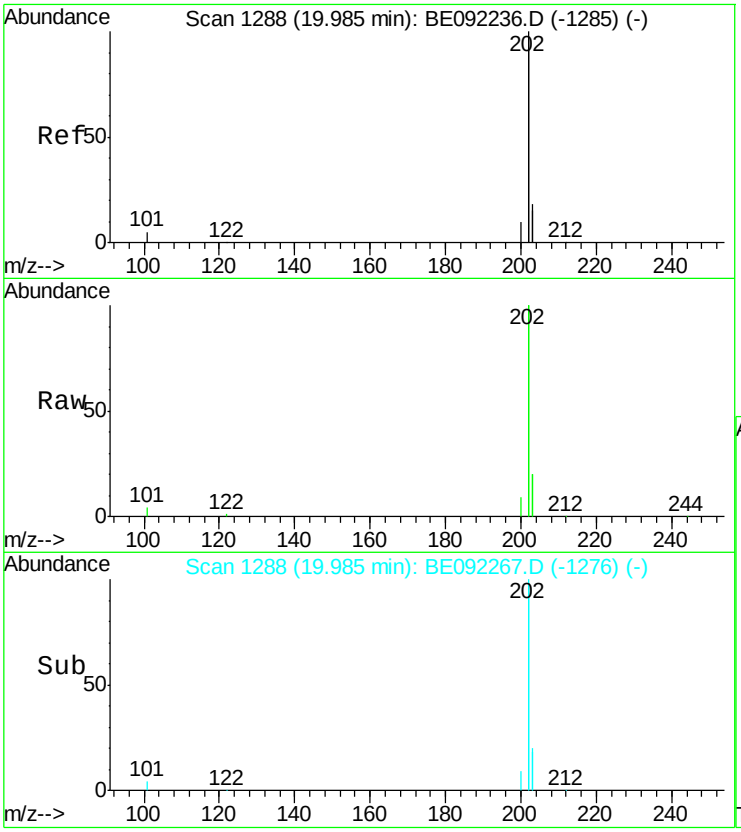


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:240 Resp: 83036

Ion	Ratio	Lower	Upper
240	100		
120	15.2	1.2	1.8#
236	33.4	17.1	25.7#



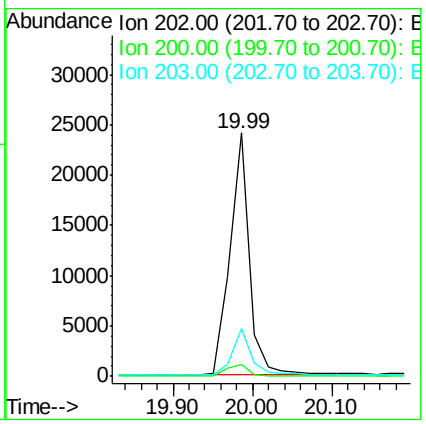


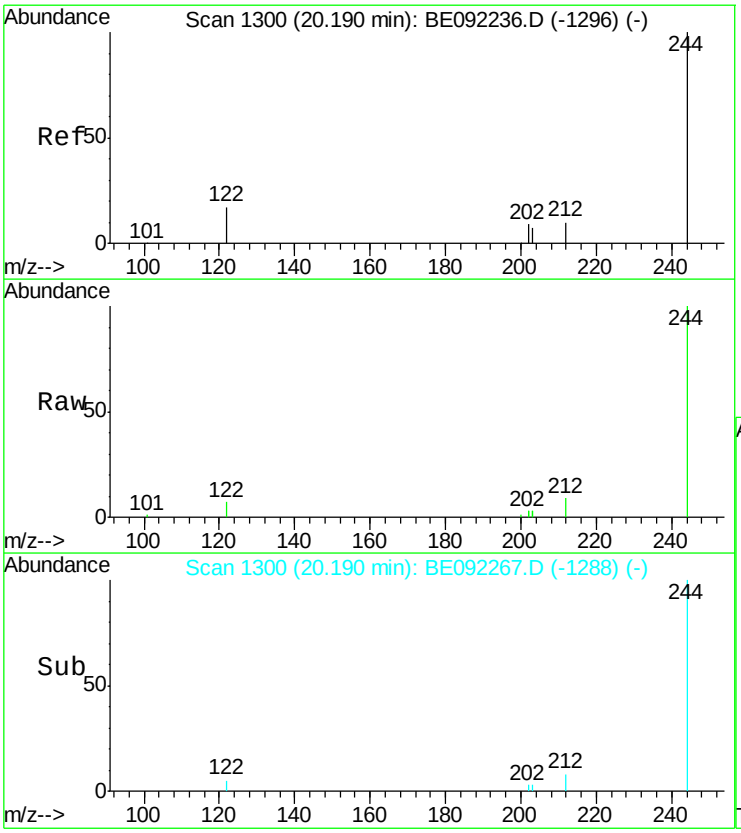
#25
Pyrene
Concen: 0.41 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:202 Resp: 40040

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.5	14.0	21.0

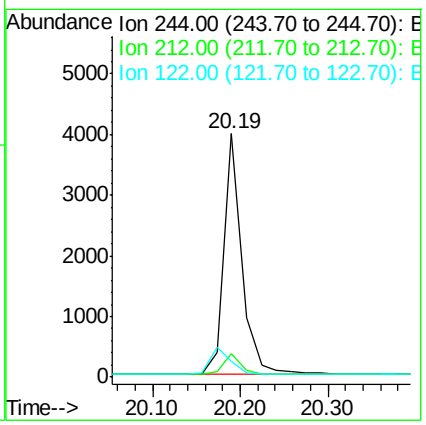


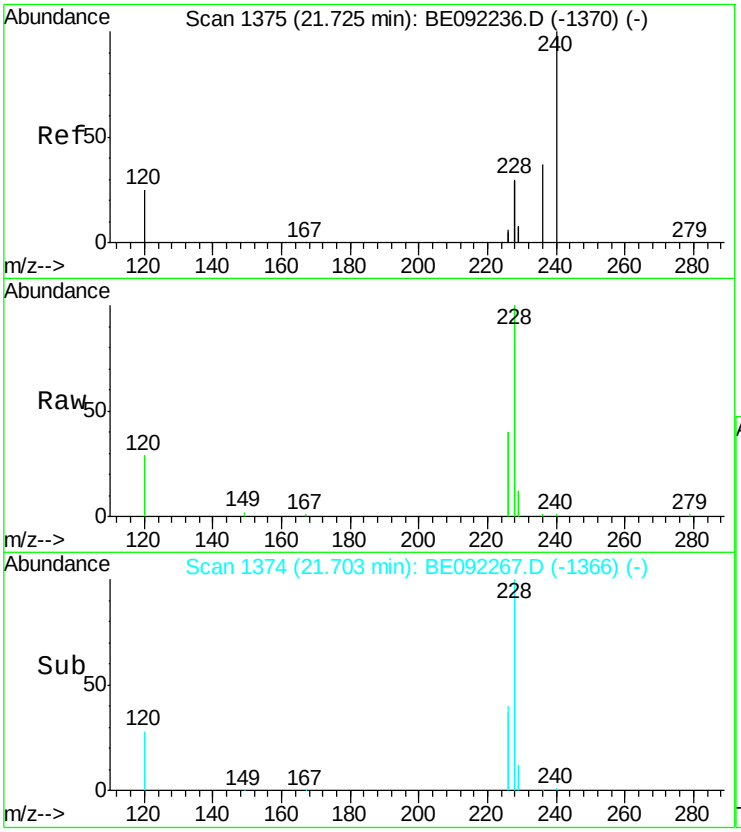


#26
Terphenyl-d14
Concen: 0.41 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:244 Resp: 5701

Ion	Ratio	Lower	Upper
244	100		
212	9.4	10.2	15.2#
122	6.7	15.9	23.9#



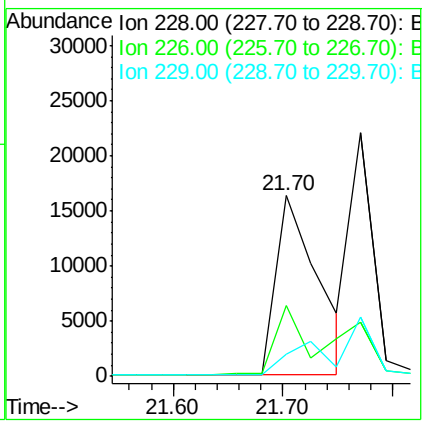


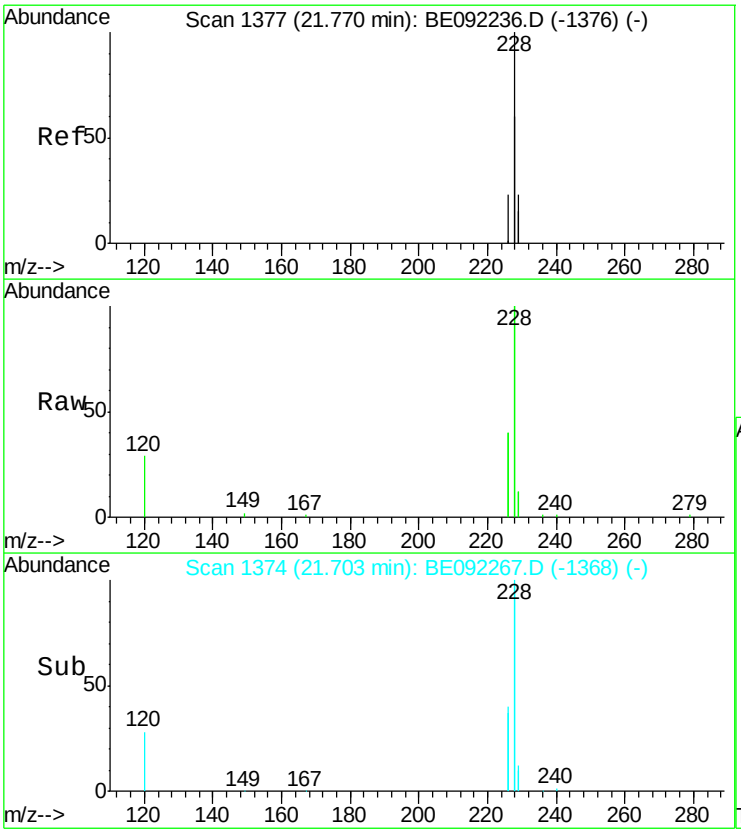
#27
Benzo(a)anthracene
Concen: 0.43 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 43208

Ion	Ratio	Lower	Upper
228	100		
226	39.5	15.9	23.9#
229	12.5	22.4	33.6#

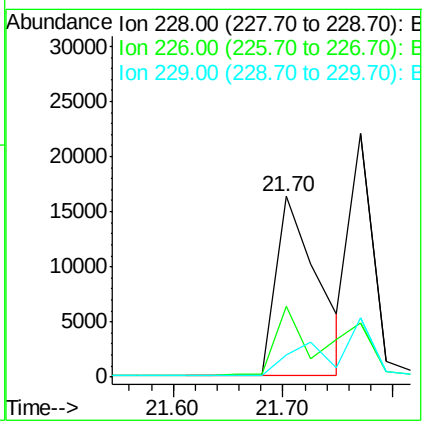


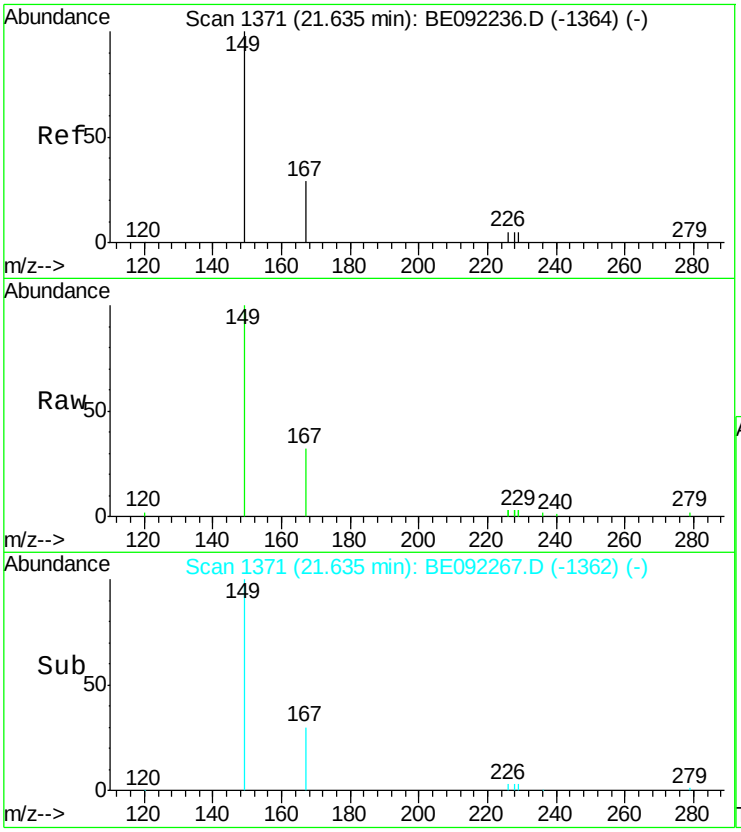


#28
Chrysene
Concen: 0.47 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:228 Resp: 43208

Ion	Ratio	Lower	Upper
228	100		
226	39.5	18.3	27.5#
229	12.5	18.6	27.8#



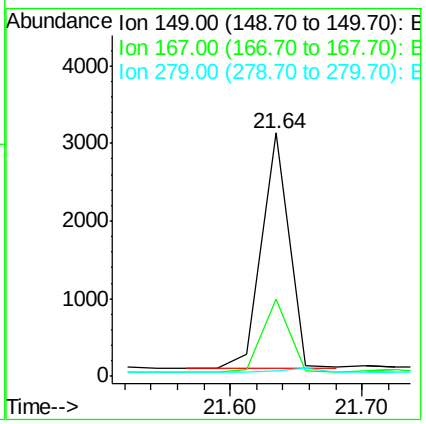


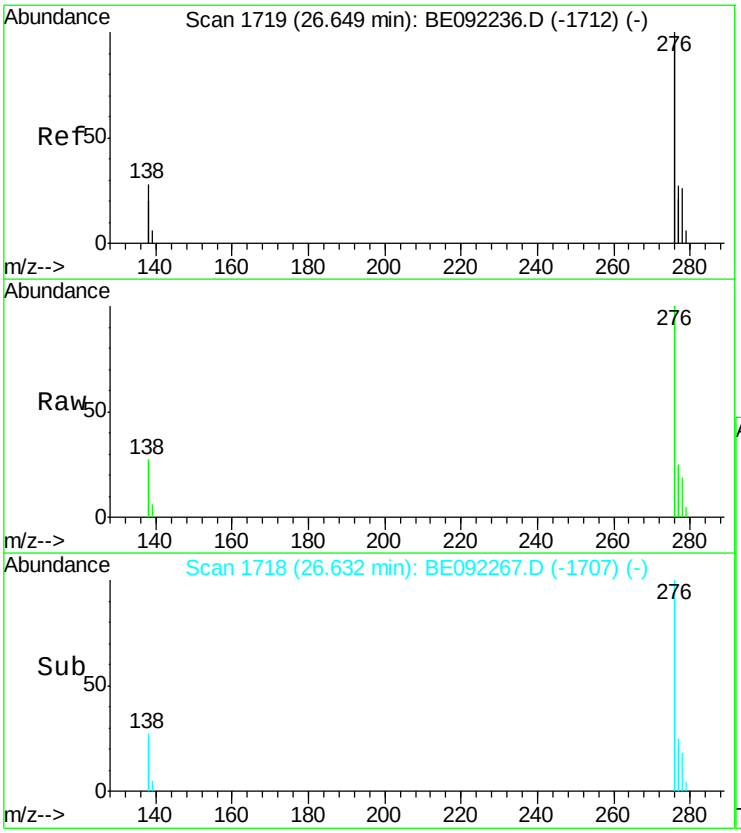
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:149 Resp: 4449

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.1	33.1
279	0.0	0.0	0.0

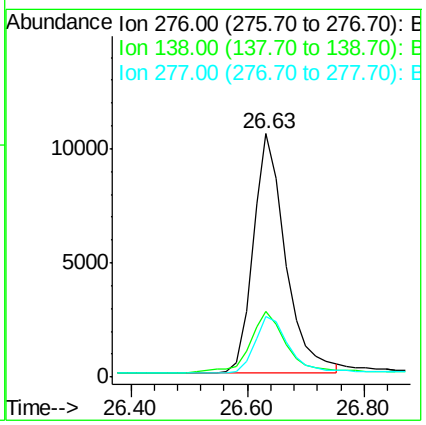


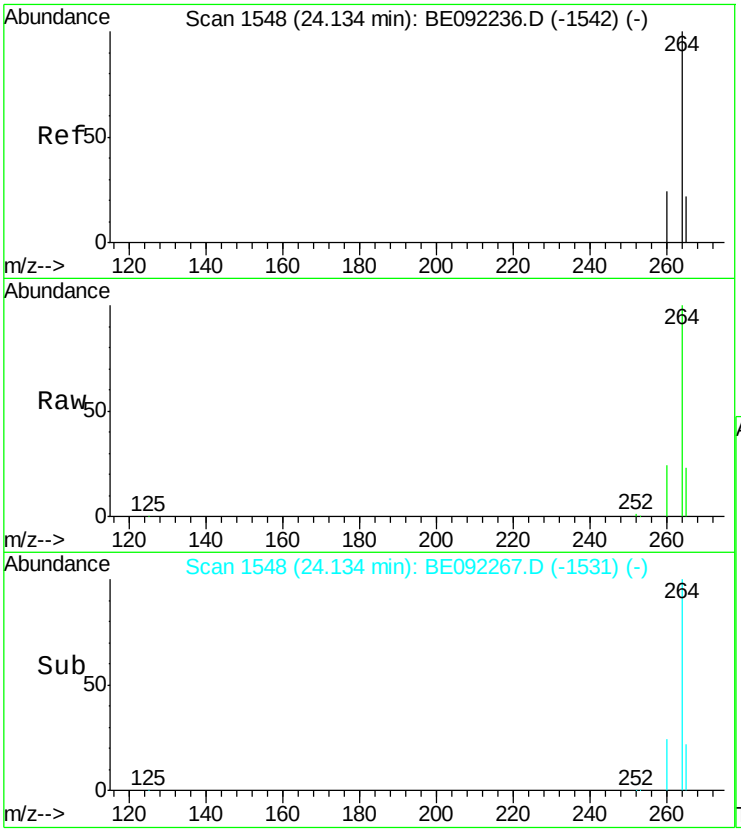


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.41 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:276 Resp: 40251

Ion	Ratio	Lower	Upper
276	100		
138	27.7	21.3	31.9
277	24.5	19.7	29.5



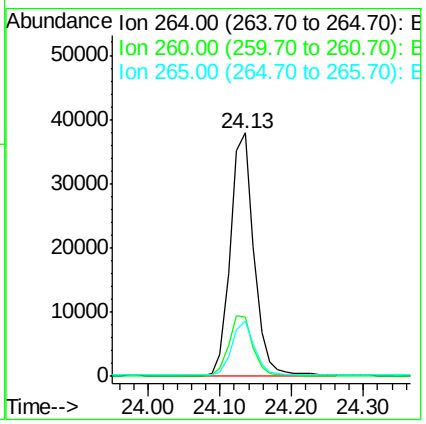


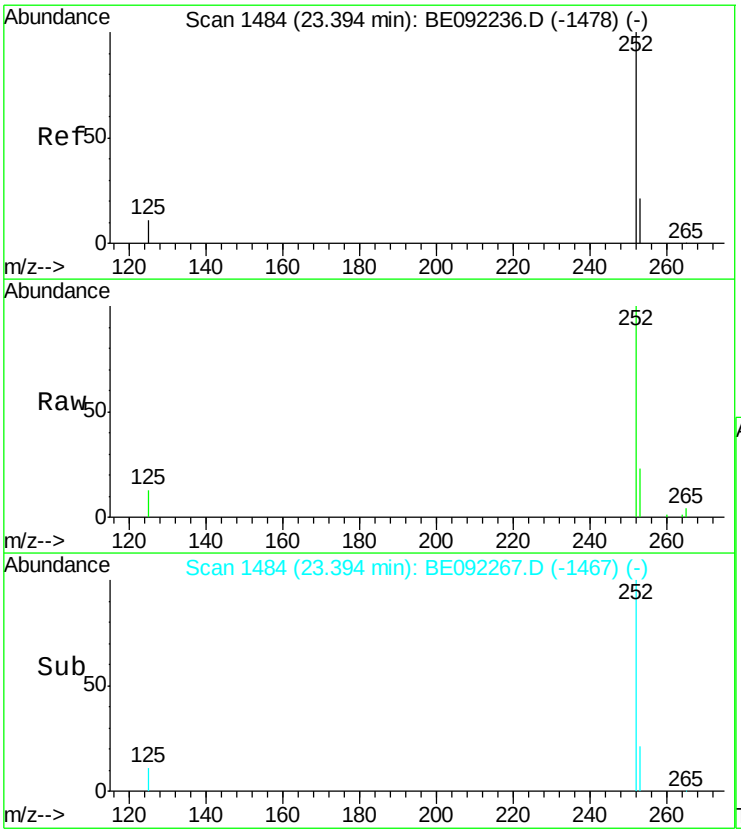
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:264 Resp: 87110

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.9	18.2	27.4

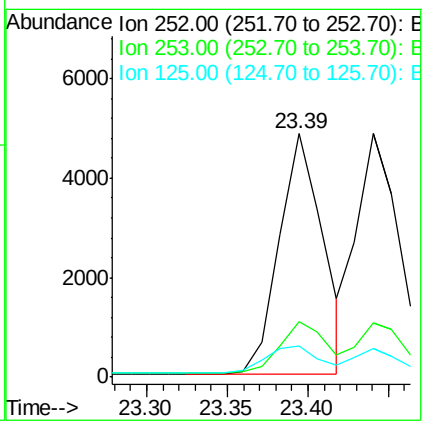


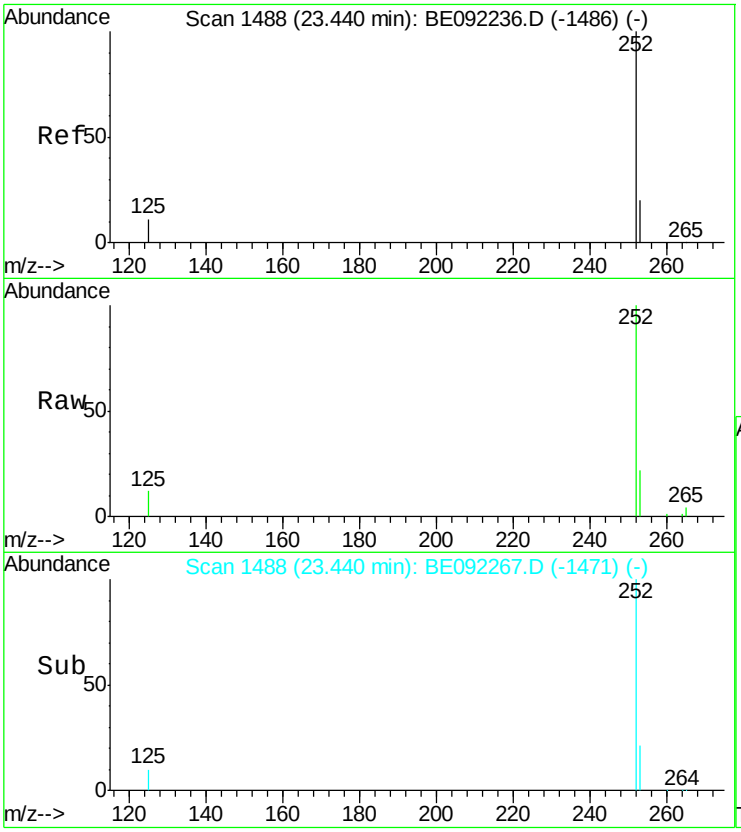


#32
Benzo(b)fluoranthene
Concen: 0.40 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:252 Resp: 9112

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.0	28.4
125	12.7	10.3	15.5



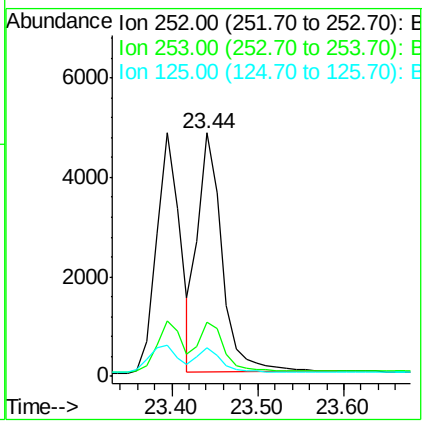


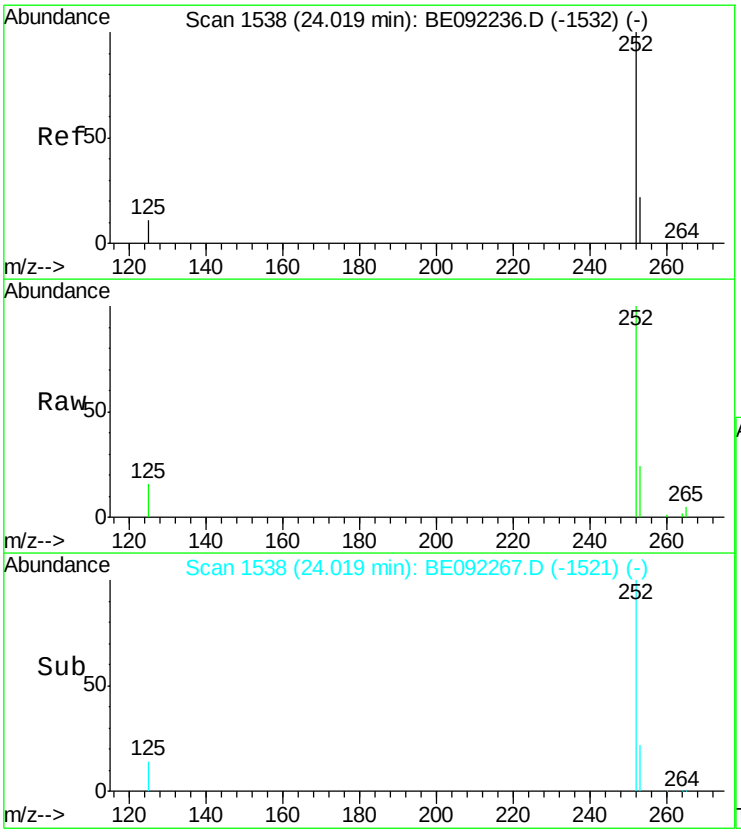
#33
Benzo(k)fluoranthene
Concen: 0.41 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 9381

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.6
125	11.8	10.6	15.8

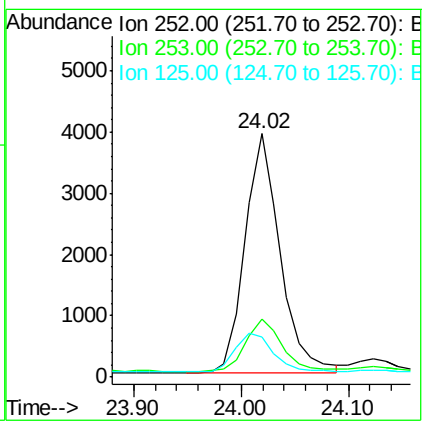


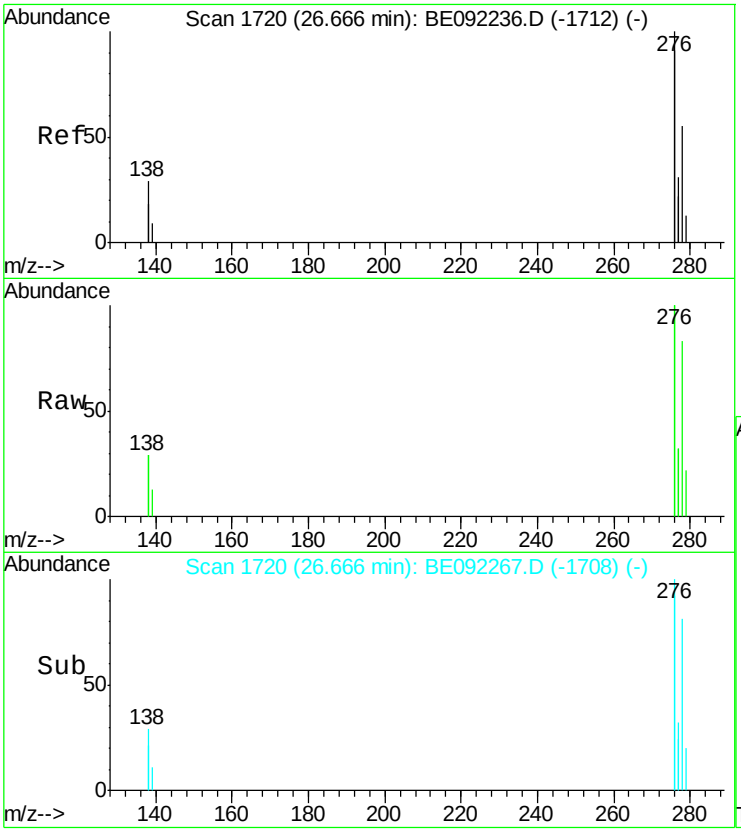


#34
Benzo(a)pyrene
Concen: 0.41 ng
RT: 24.02 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:252 Resp: 8813

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.3	30.5
125	16.3	11.8	17.6



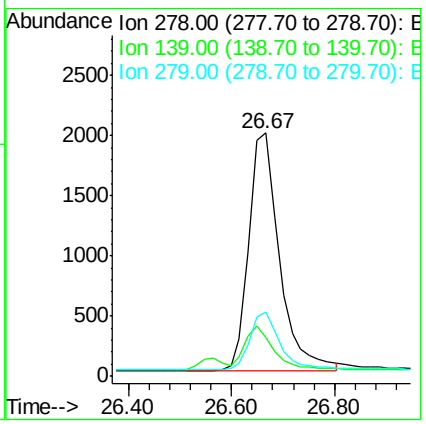


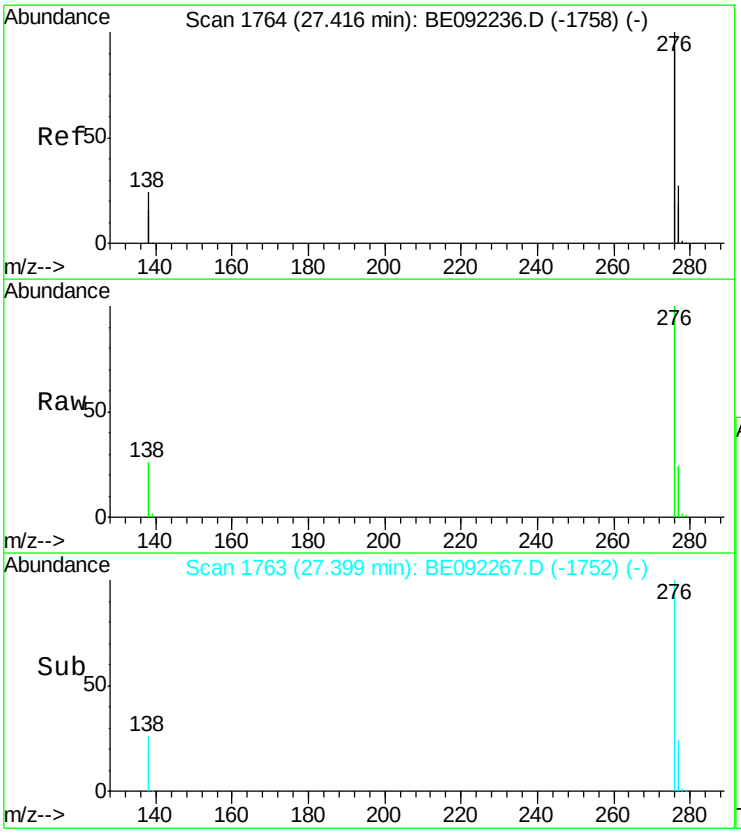
#35
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 26.67 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:278 Resp: 8108

Ion	Ratio	Lower	Upper
278	100		
139	16.0	16.2	24.2#
279	26.3	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092267.D
Acq: 11 Aug 2016 15:15

Tgt Ion:276 Resp: 33810

Ion	Ratio	Lower	Upper
276	100		
277	23.9	21.4	32.2
138	25.8	19.4	29.2