Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092242.D
Acq On : 9 Aug 2016 23:40
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Aug 10 04:45:29 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 04:43:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11321	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	55296	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	31918	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	74832	5.00	ng		0.00
24) Chrysene-d12	21.75	240	69709	5.00	ng		0.00
31) Perylene-d12	24.13	264	74318	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.71	112	252	0.10	ng		0.00
5) Phenol-d6	7.38	99	350	0.10	ng		0.02
8) Nitrobenzene-d5	9.36	82	419	0.11	ng		0.00
13) 2,4,6-Tribromophenol	16.34	330	85	0.09	ng		0.01
14) 2-Fluorobiphenyl	13.48	172	1123	0.11	ng		0.01
26) Terphenyl-d14	20.21	244	1303	0.11	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	197	0.14	ng		95
3) n-Nitrosodimethylamine	3.84	42	144	0.08	ng	#	6
6) bis(2-Chloroethyl)ether	7.61	93	253	0.09	ng	#	33
9) Naphthalene	11.03	128	1457	0.12	ng	#	89
10) Hexachlorobutadiene	11.32	225	211	0.12	ng		98
11) 2-Methylnaphthalene	12.68	142	821	0.11	ng	#	96
15) Acenaphthylene	14.54	152	6034	0.11	ng		100
16) Acenaphthene	14.90	154	1123	0.13	ng		86
17) Fluorene	15.89	166	1185	0.11	ng		100
19) Hexachlorobenzene	16.89	284	395	0.13	ng	#	100
20) Pentachlorophenol	17.26	266	48	0.06	ng		93
21) Phenanthrene	17.60	178	2417	0.12	ng		97
22) Anthracene	17.60	178	2427	0.14	ng		97
23) Fluoranthene	19.63	202	8467	0.11	ng		100
25) Pyrene	19.98	202	9035	0.11	ng		99
27) Benzo(a)anthracene	21.73	228	9674	0.12	ng		98
28) Chrysene	21.73	228	9675	0.12	ng		94
29) Bis(2-ethylhexyl)phthalate	21.63	149	970	0.09	ng	#	97
30) Indeno(1,2,3-cd)pyrene	26.65	276	9174	0.11	ng		98
32) Benzo(b)fluoranthene	23.39	252	2271	0.12	ng	#	88
33) Benzo(k)fluoranthene	23.45	252	2083	0.10	ng	#	88
34) Benzo(a)pyrene	24.02	252	2008	0.11	ng	#	86
35) Dibenzo(a,h)anthracene	26.68	278	1837	0.11	ng	#	85
36) Benzo(g,h,i)perylene	27.42	276	8297	0.11	ng	#	91

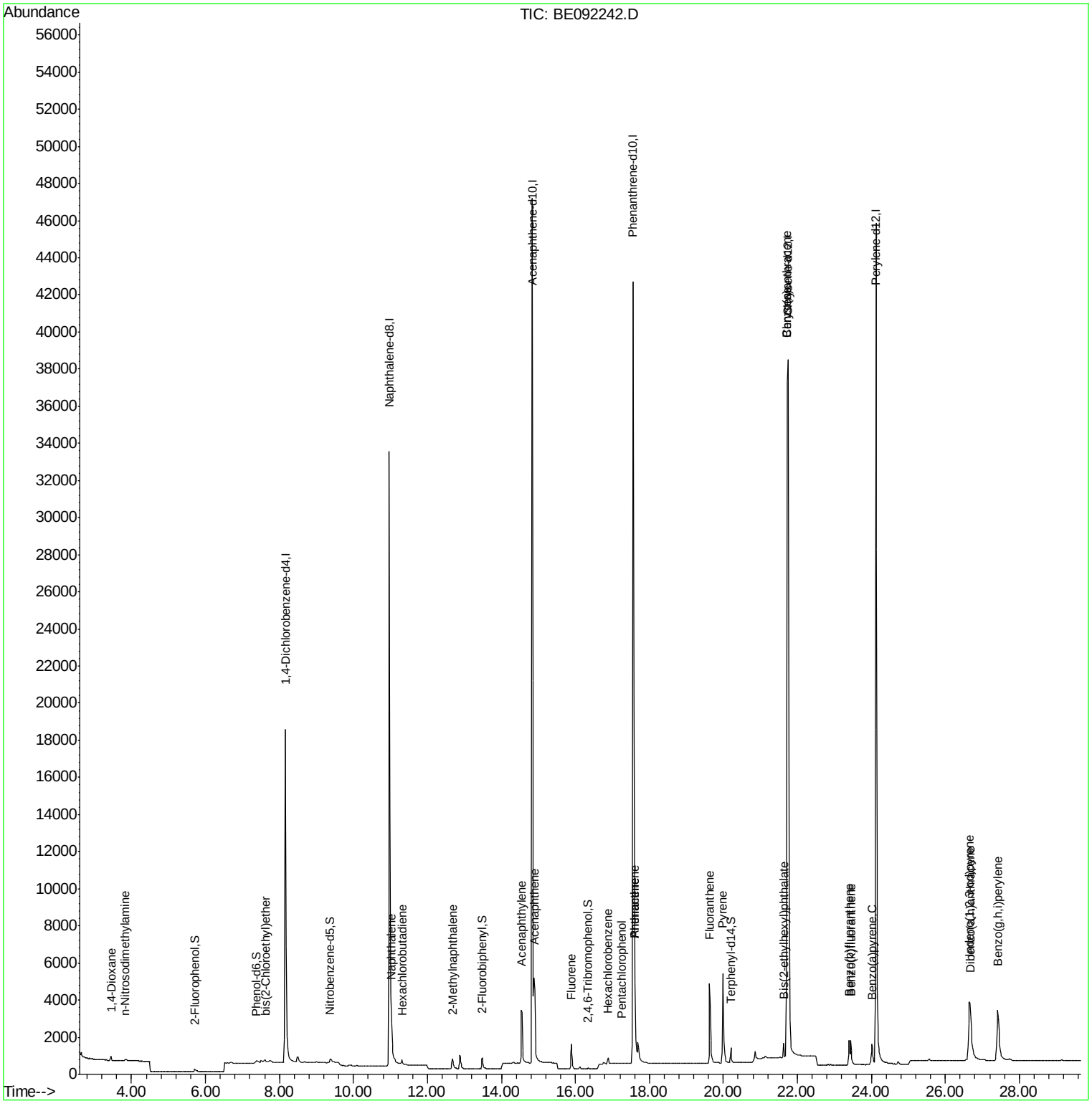
(#) = qualifier out of range (m) = manual integration (+) = signals summed

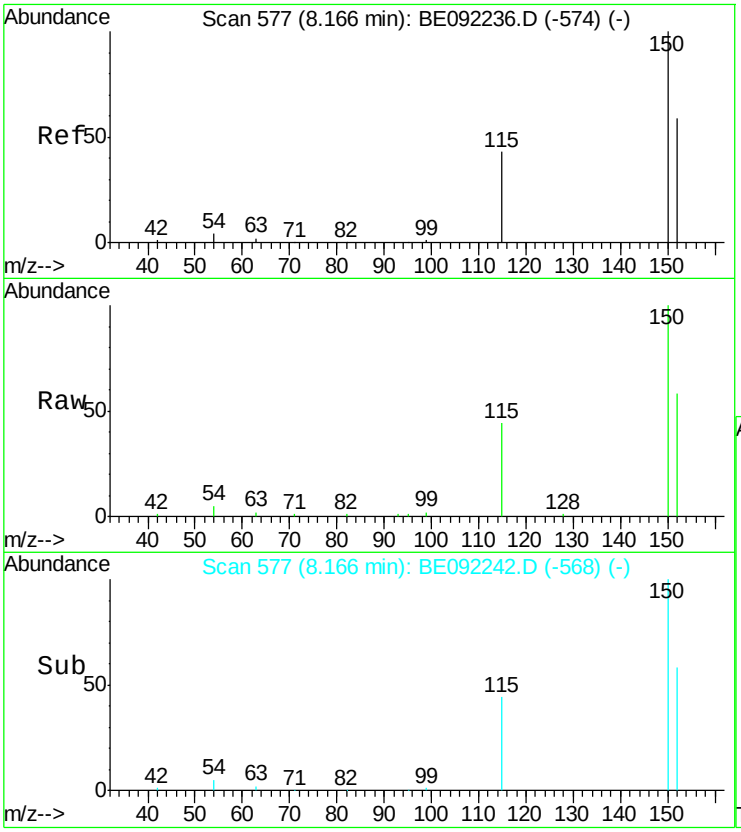
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092242.D
Acq On : 9 Aug 2016 23:40
Operator : UM/SJ
Sample : SSTDICC0.1
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Aug 10 04:45:29 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 04:43:27 2016
Response via : Initial Calibration



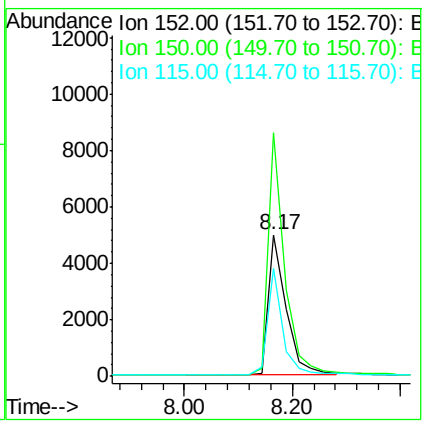


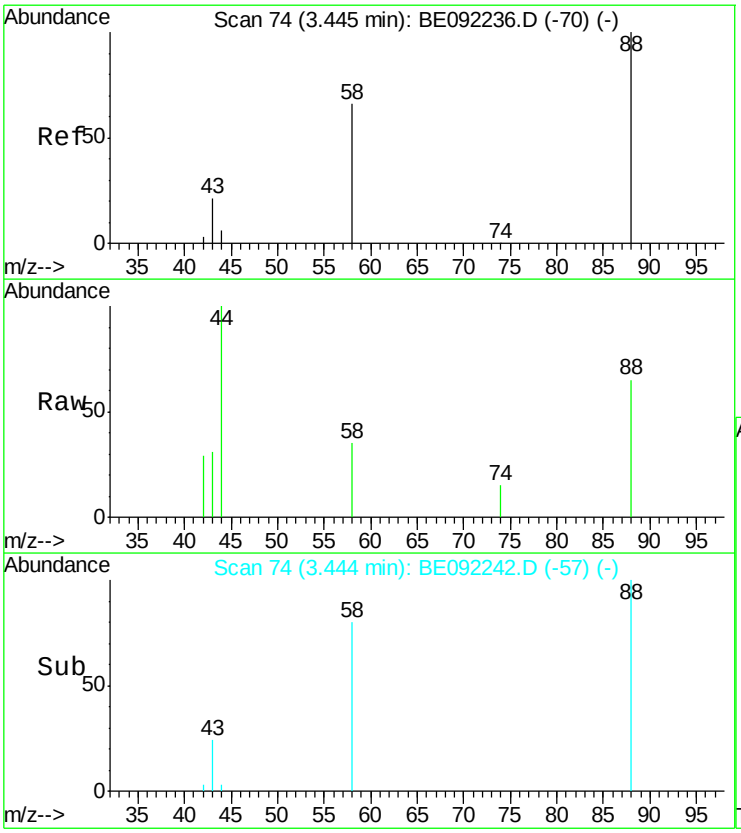
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 11321

Ion	Ratio	Lower	Upper
152	100		
150	172.4	135.6	203.4
115	76.1	59.4	89.0

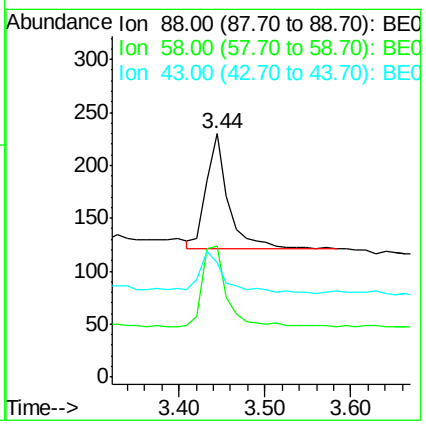


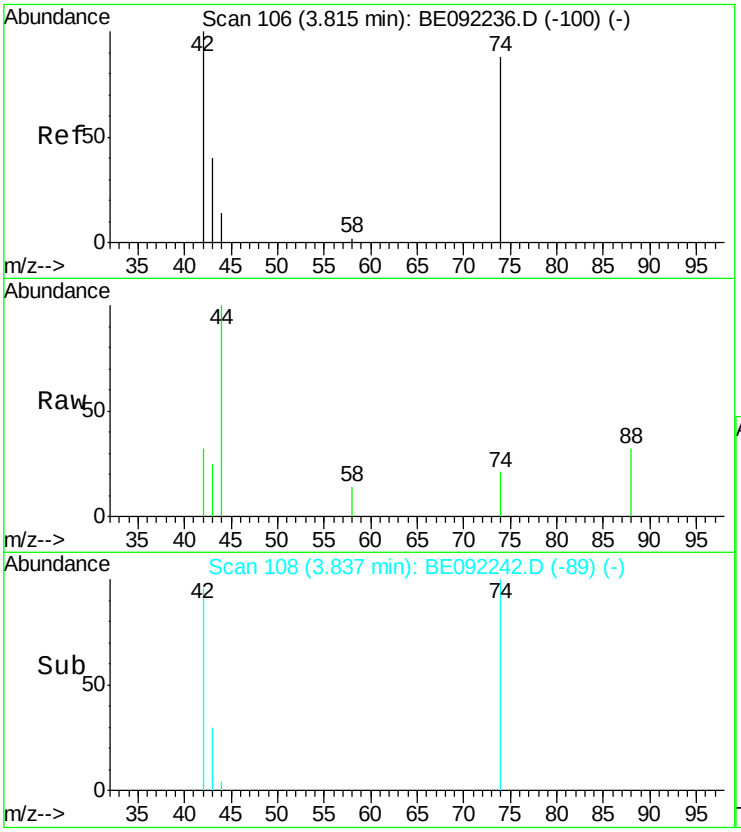


#2
1,4-Dioxane
Concen: 0.14 ng
RT: 3.44 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion: 88 Resp: 197

Ion	Ratio	Lower	Upper
88	100		
58	75.1	64.4	96.6
43	43.1	33.4	50.2



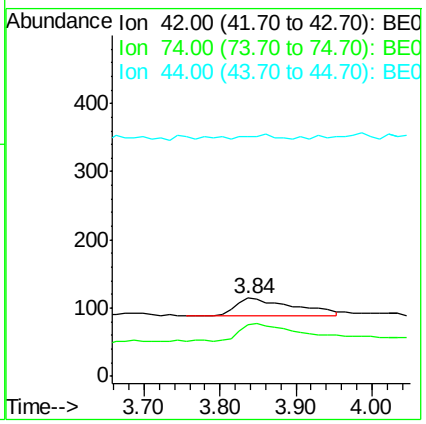


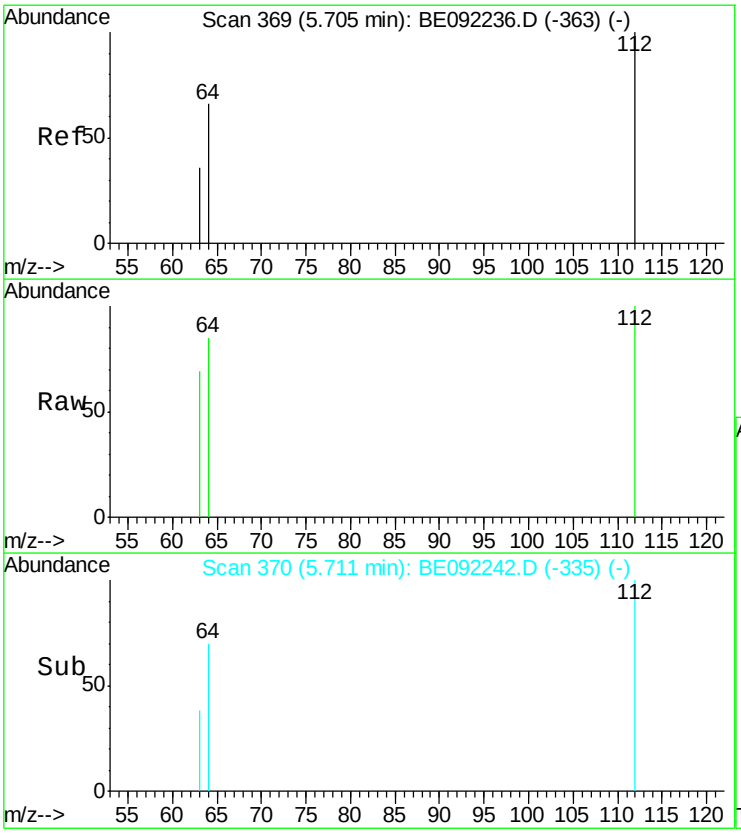
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.84 min Scan# 108
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 144

Ion	Ratio	Lower	Upper
42	100		
74	0.0	77.2	115.8#
44	0.0	5.0	7.4#

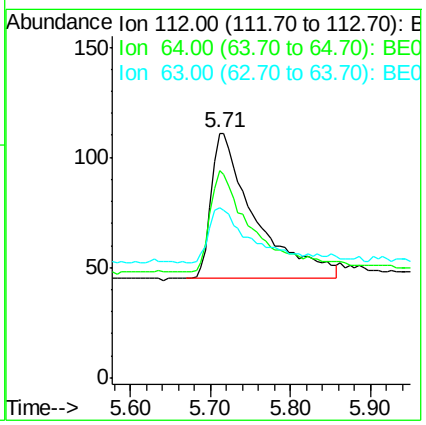


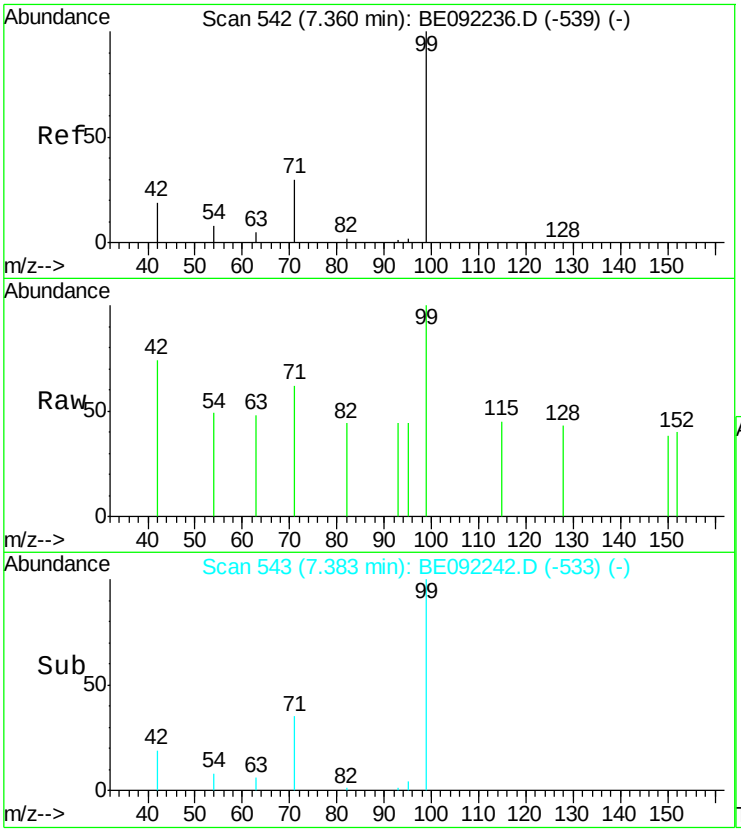


#4
2-Fluorophenol
Concen: 0.10 ng
RT: 5.71 min Scan# 370
Delta R.T. 0.01 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:112 Resp: 252

Ion	Ratio	Lower	Upper
112	100		
64	70.2	53.2	79.8
63	35.7	27.4	41.2



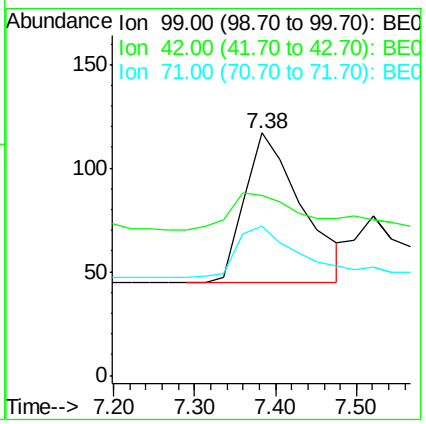


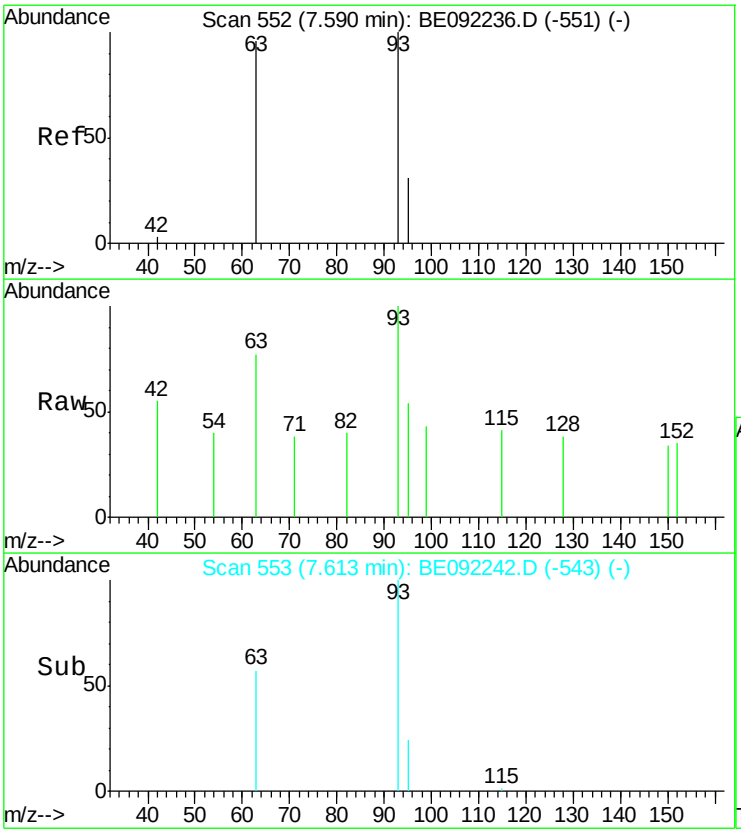
#5
Phenol-d6
Concen: 0.10 ng
RT: 7.38 min Scan# 543
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 350

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	36.3	29.8	44.8

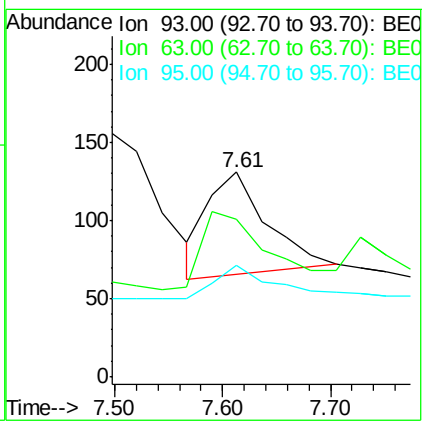


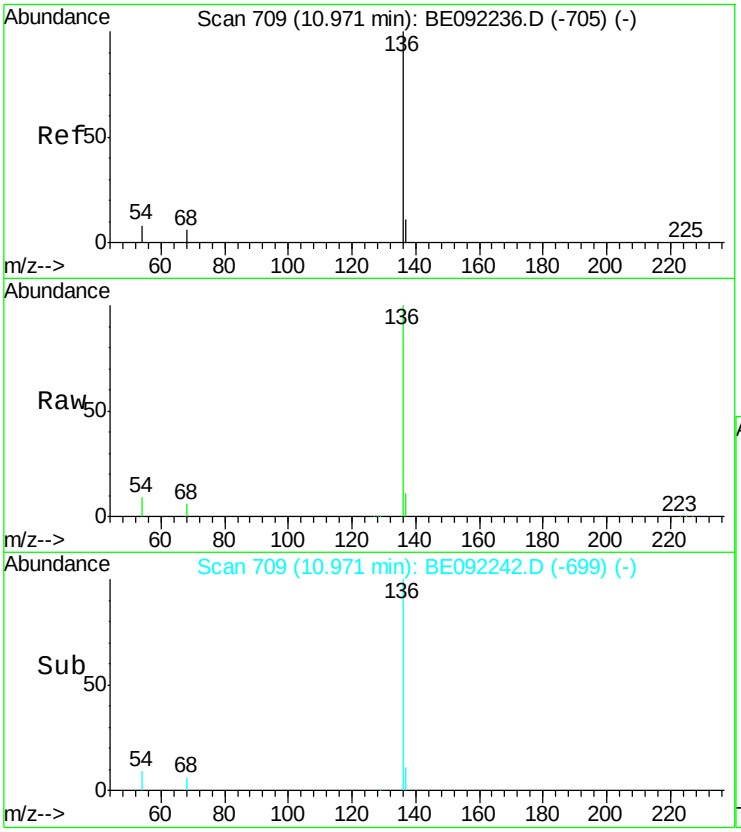


#6
bis(2-Chloroethyl)ether
Concen: 0.09 ng
RT: 7.61 min Scan# 553
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion: 93 Resp: 253

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	32.8	27.2	40.8



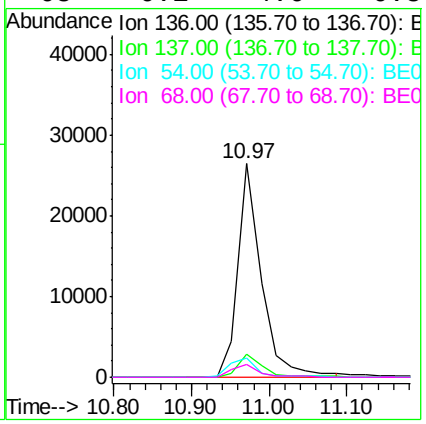


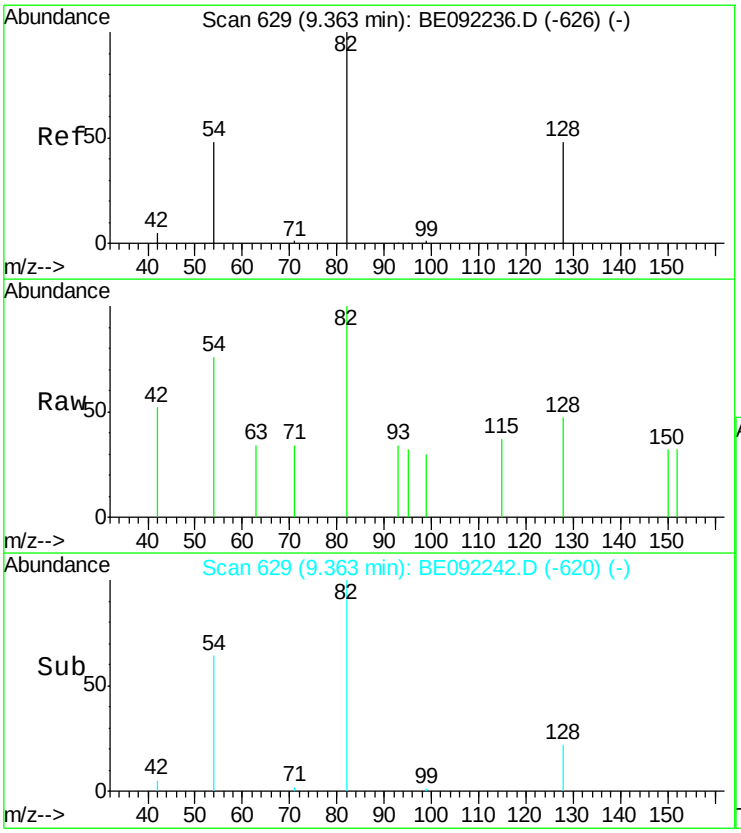
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 55296

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.8	6.2	9.4
68	6.1	4.6	6.8

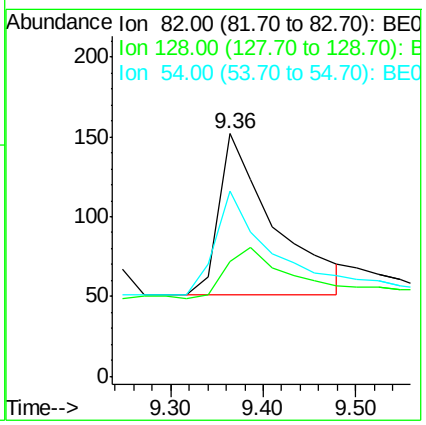


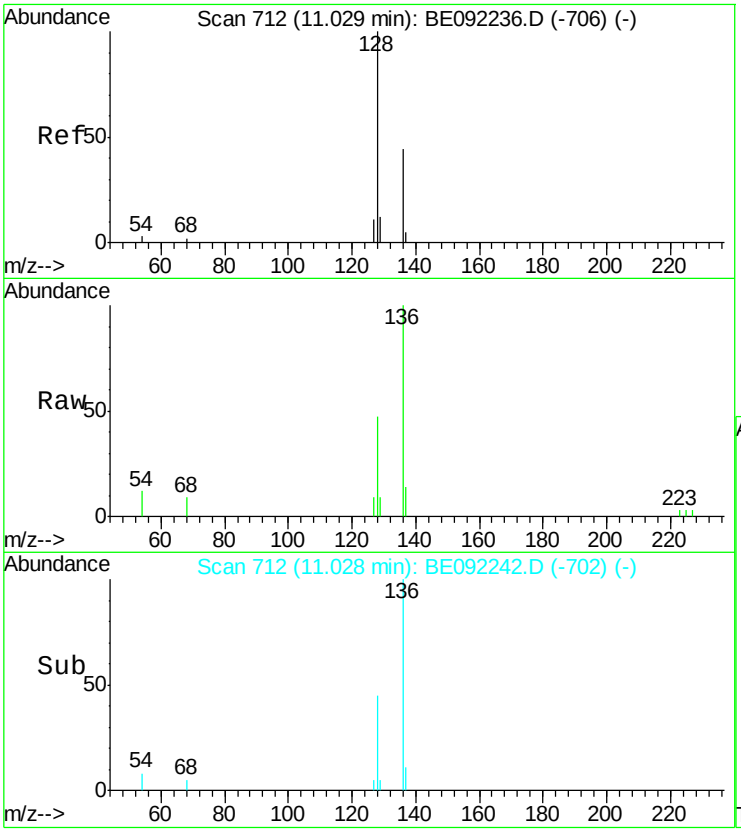


#8
Nitrobenzene-d5
Concen: 0.11 ng
RT: 9.36 min Scan# 629
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion: 82 Resp: 419

Ion	Ratio	Lower	Upper
82	100		
128	47.4	45.0	67.4
54	76.3	45.4	68.2#



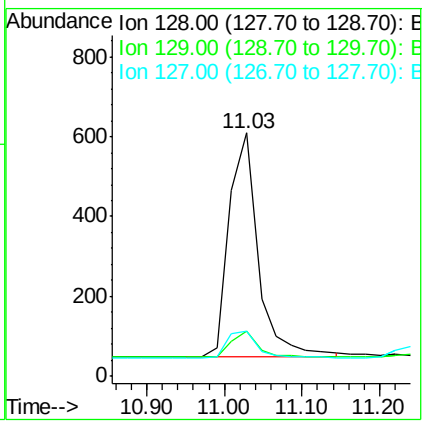


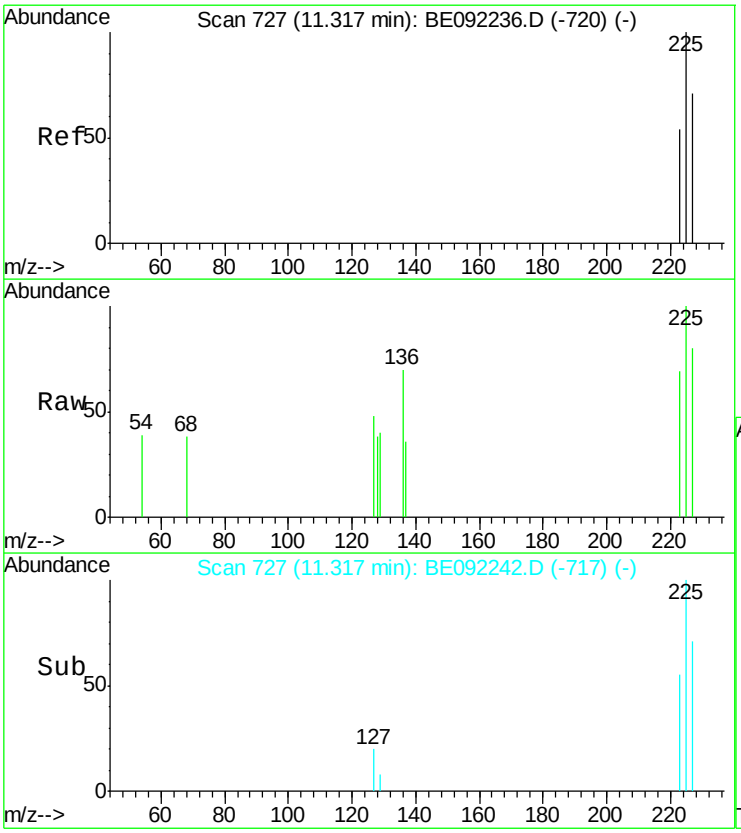
#9
Naphthalene
Concen: 0.12 ng
RT: 11.03 min Scan# 712
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 1457

Ion	Ratio	Lower	Upper
128	100		
129	18.4	11.5	17.3#
127	18.4	11.0	16.6#

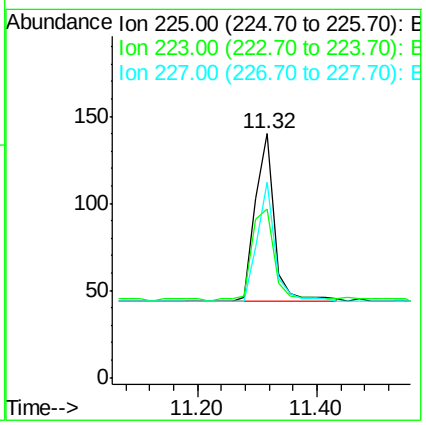


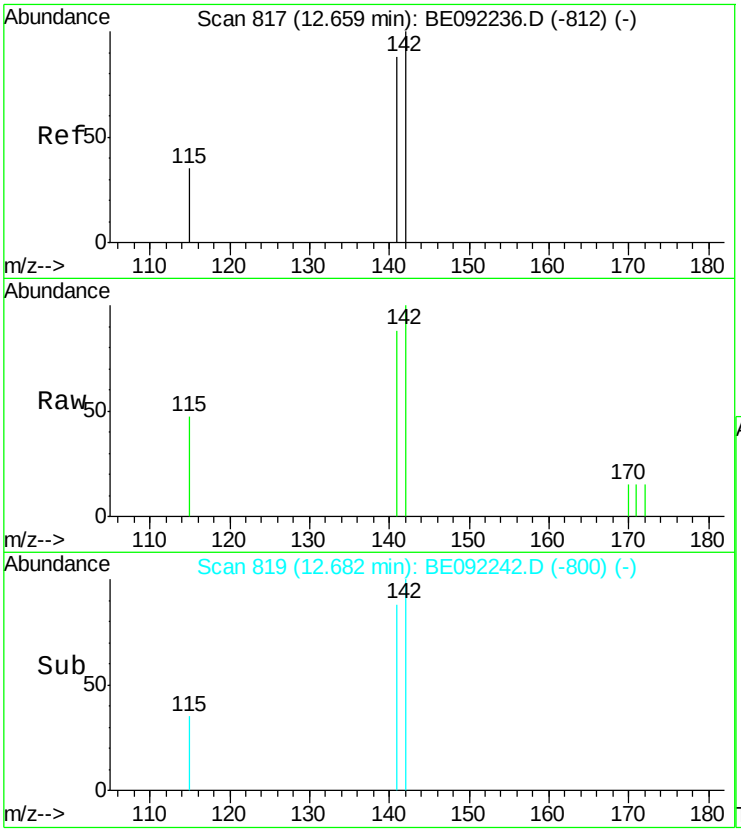


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.32 min Scan# 727
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:225 Resp: 211

Ion	Ratio	Lower	Upper
225	100		
223	67.3	52.2	78.4
227	64.9	51.0	76.6



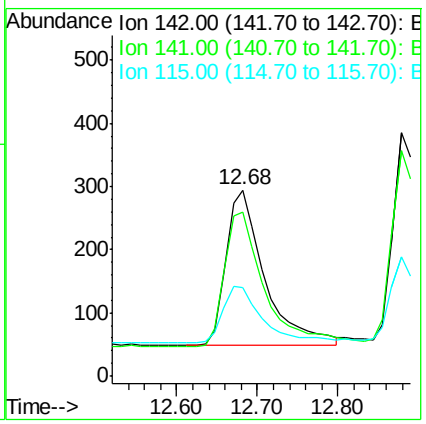


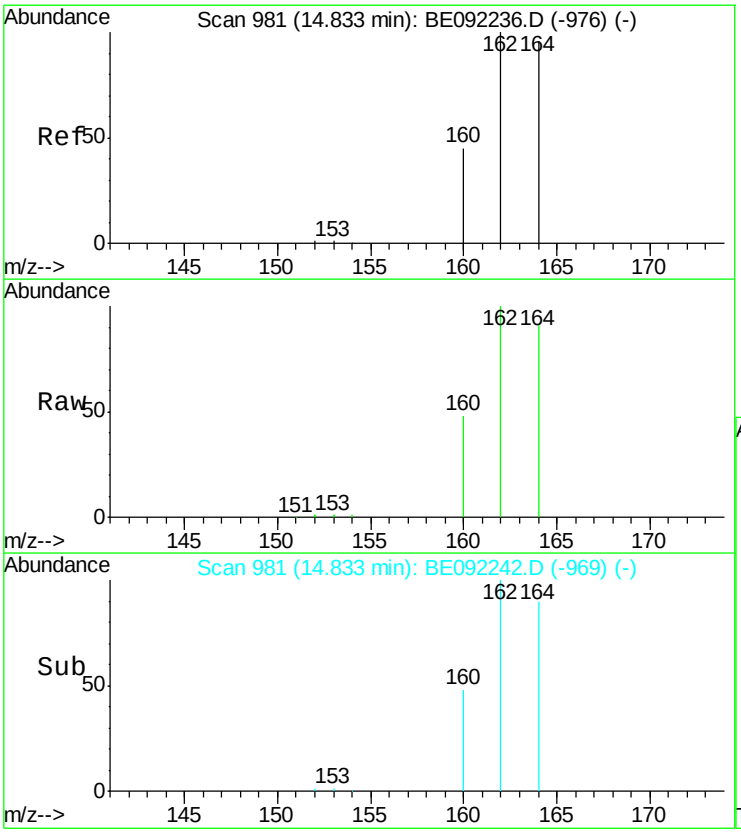
#11
2-Methylnaphthalene
Concen: 0.11 ng
RT: 12.68 min Scan# 819
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:142 Resp: 821

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.6	105.8
115	47.3	31.0	46.4#

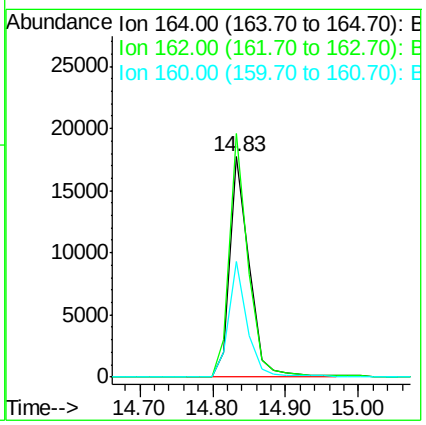


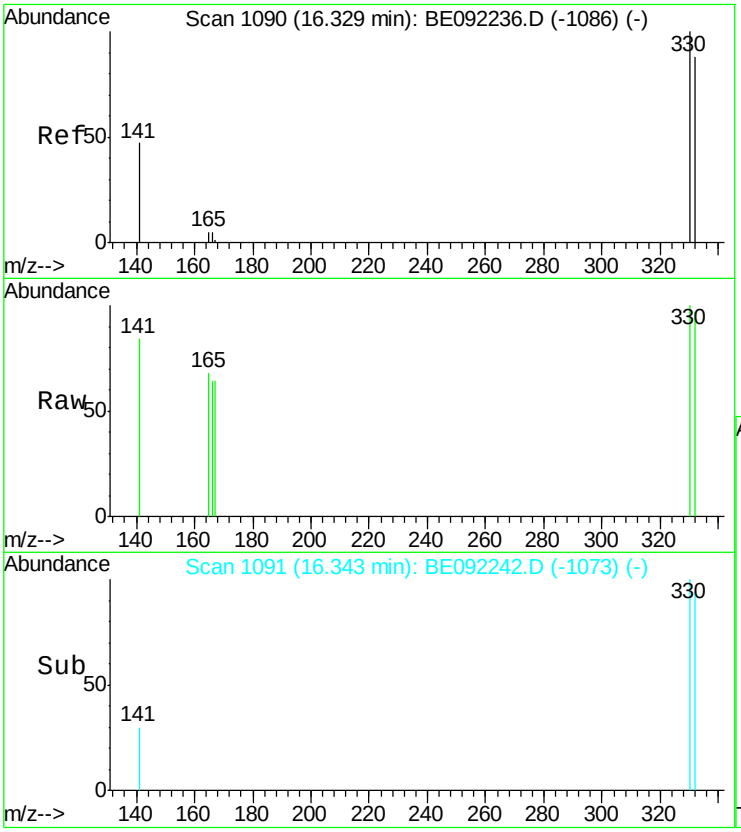


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:164 Resp: 31918

Ion	Ratio	Lower	Upper
164	100		
162	110.5	83.3	124.9
160	52.6	38.0	57.0



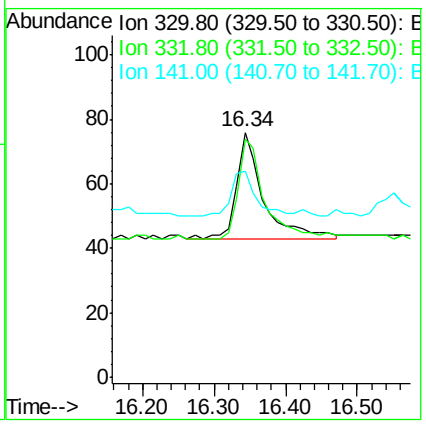


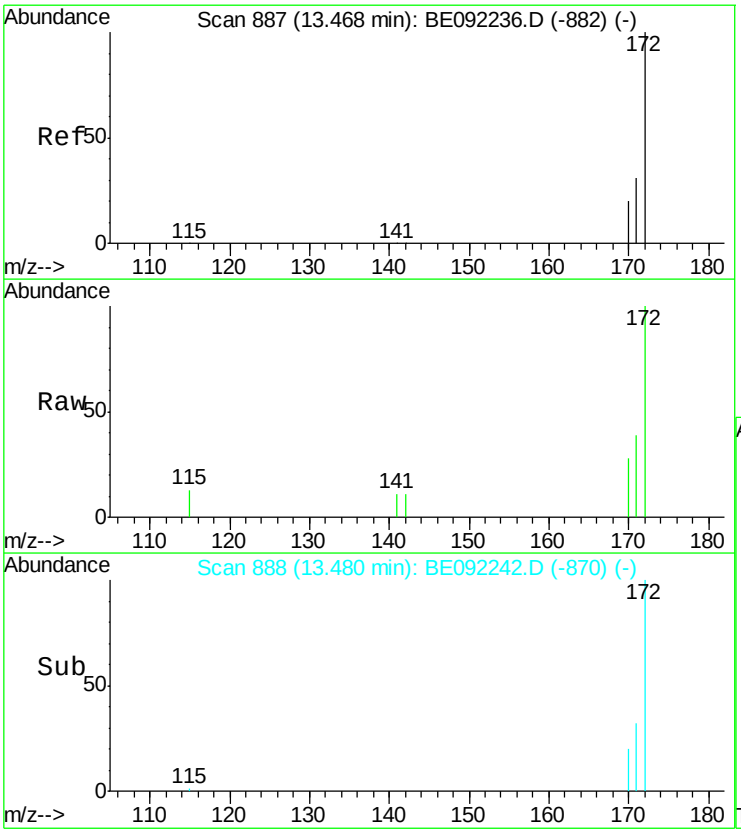
#13
2,4,6-Tribromophenol
Concen: 0.09 ng
RT: 16.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:330 Resp: 85

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.0
141	40.0	37.7	56.5

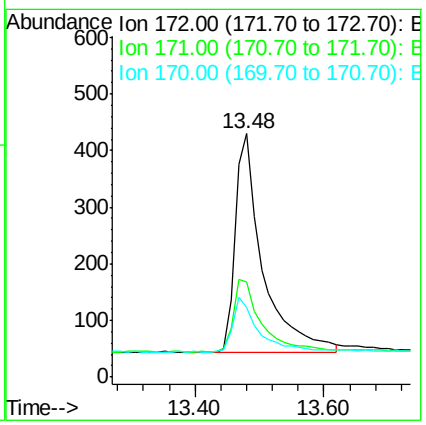


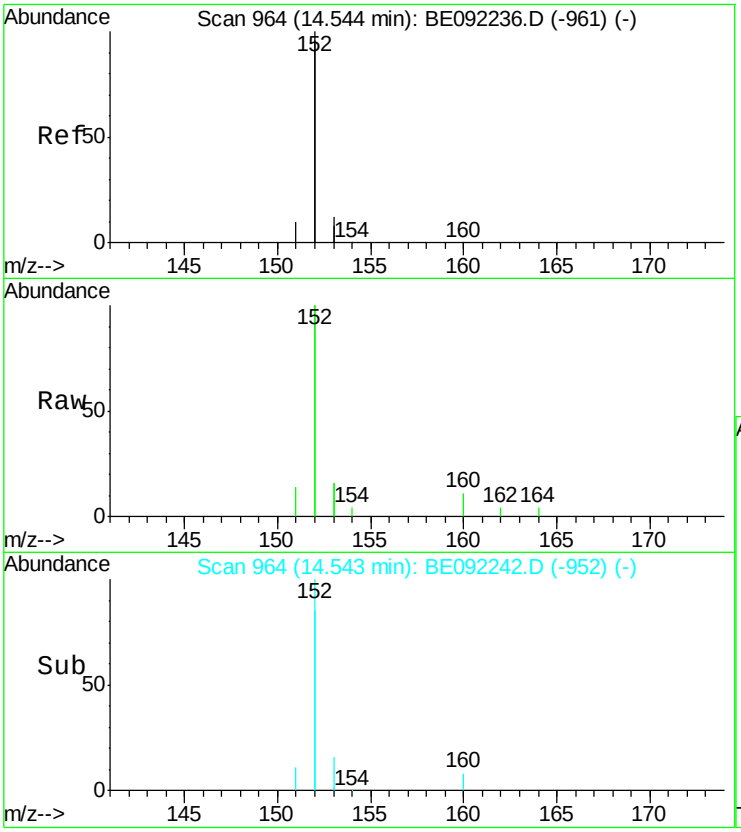


#14
2-Fluorobiphenyl
Concen: 0.11 ng
RT: 13.48 min Scan# 888
Delta R.T. 0.01 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:172 Resp: 1123

Ion	Ratio	Lower	Upper
172	100		
171	39.1	26.8	40.2
170	28.4	17.8	26.6#



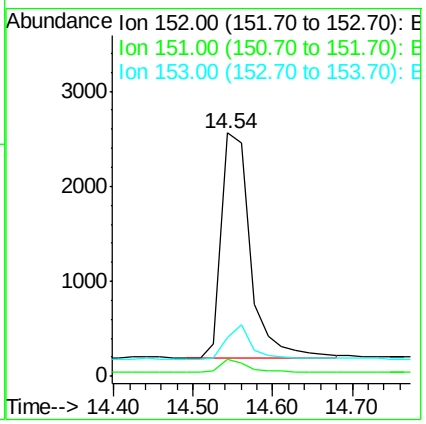


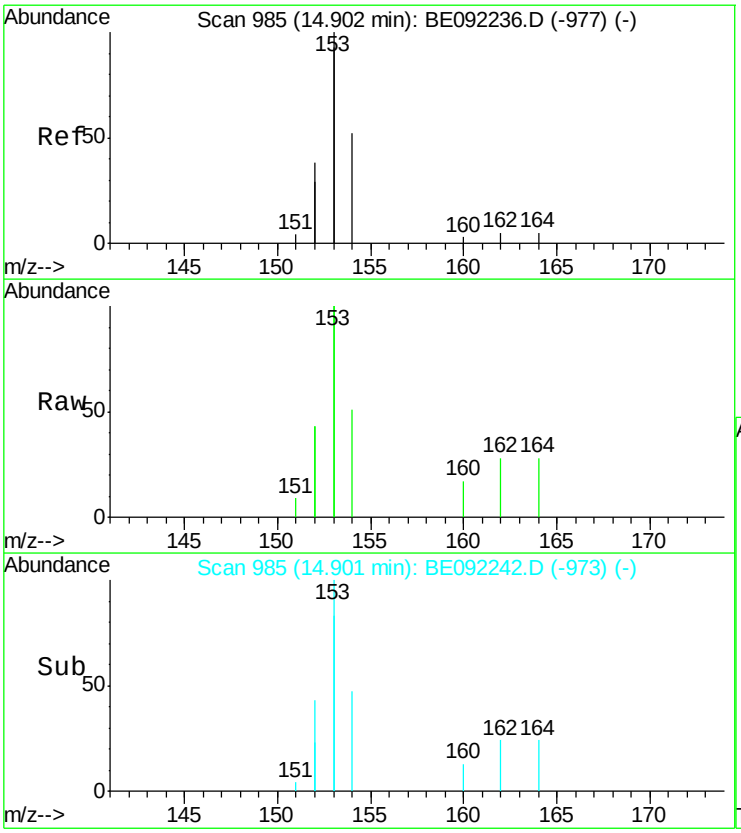
#15
Acenaphthylene
Concen: 0.11 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 6034

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	12.8	10.2	15.2

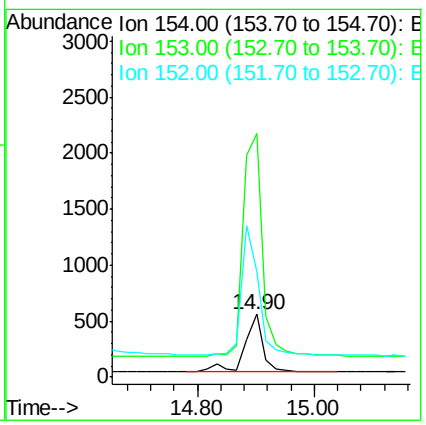


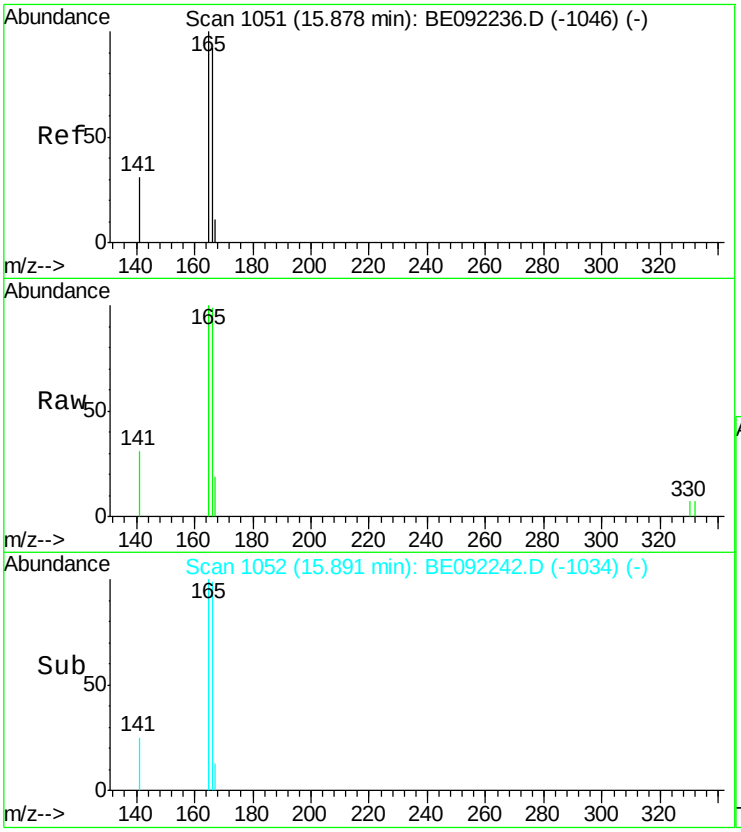


#16
Acenaphthene
Concen: 0.13 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:154 Resp: 1123

Ion	Ratio	Lower	Upper
154	100		
153	408.1	355.0	532.4
152	202.9	179.7	269.5



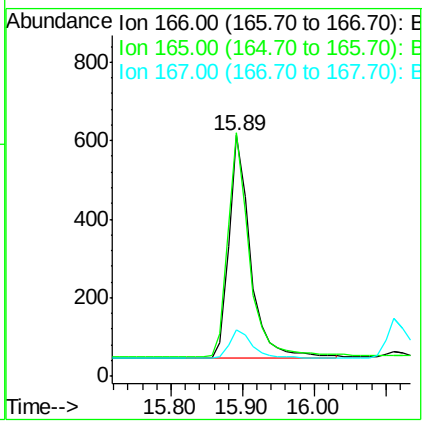


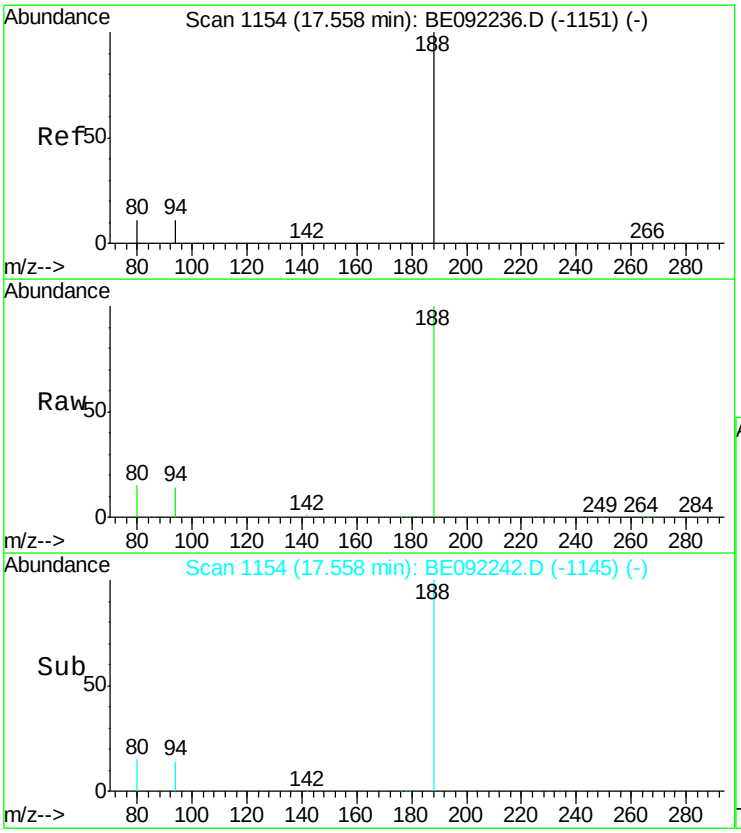
#17
Fluorene
Concen: 0.11 ng
RT: 15.89 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:166 Resp: 1185

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.1	120.1
167	13.2	10.6	16.0

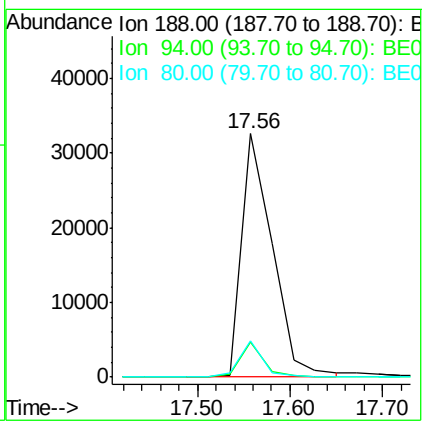


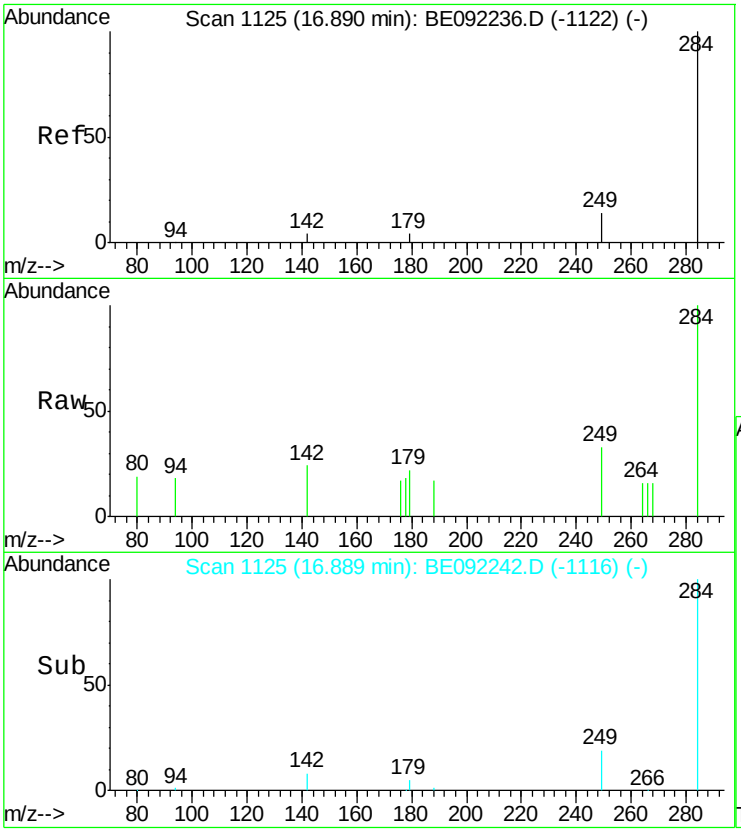


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:188 Resp: 74832

Ion	Ratio	Lower	Upper
188	100		
94	14.3	9.2	13.8#
80	14.9	9.1	13.7#



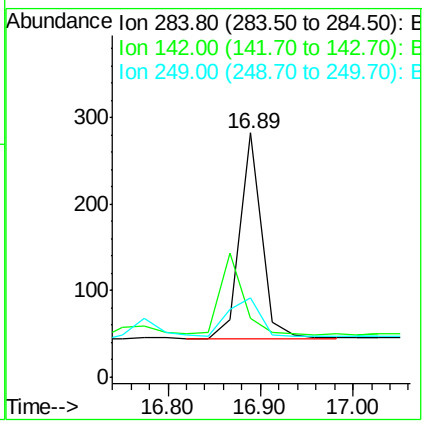


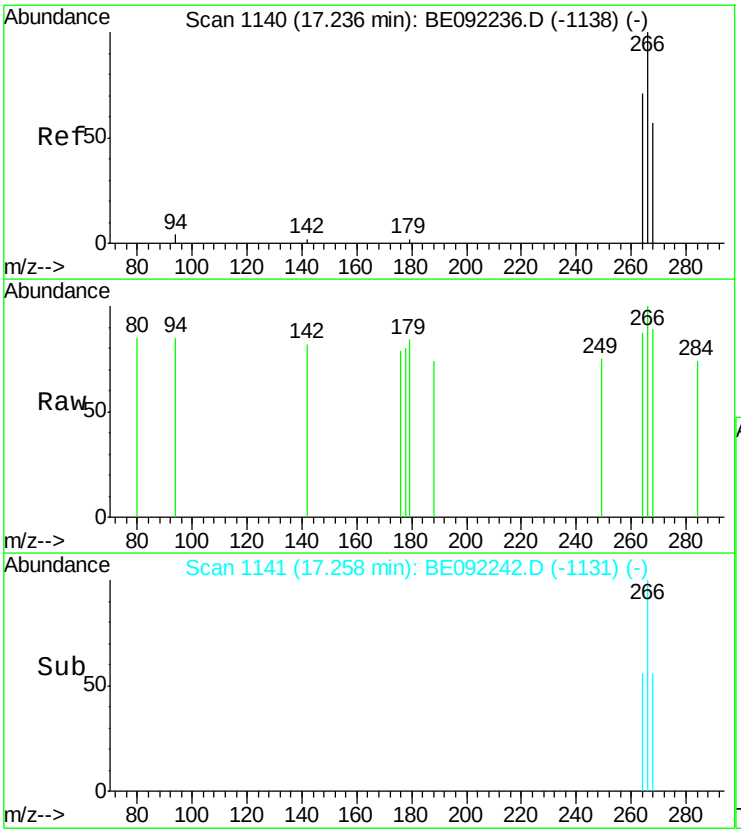
#19
Hexachlorobenzene
Concen: 0.13 ng
RT: 16.89 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 395

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	28.4	0.0	0.0#

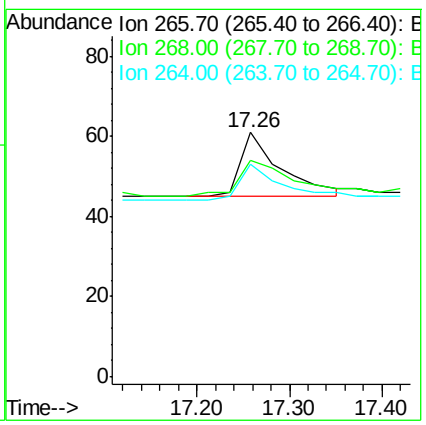


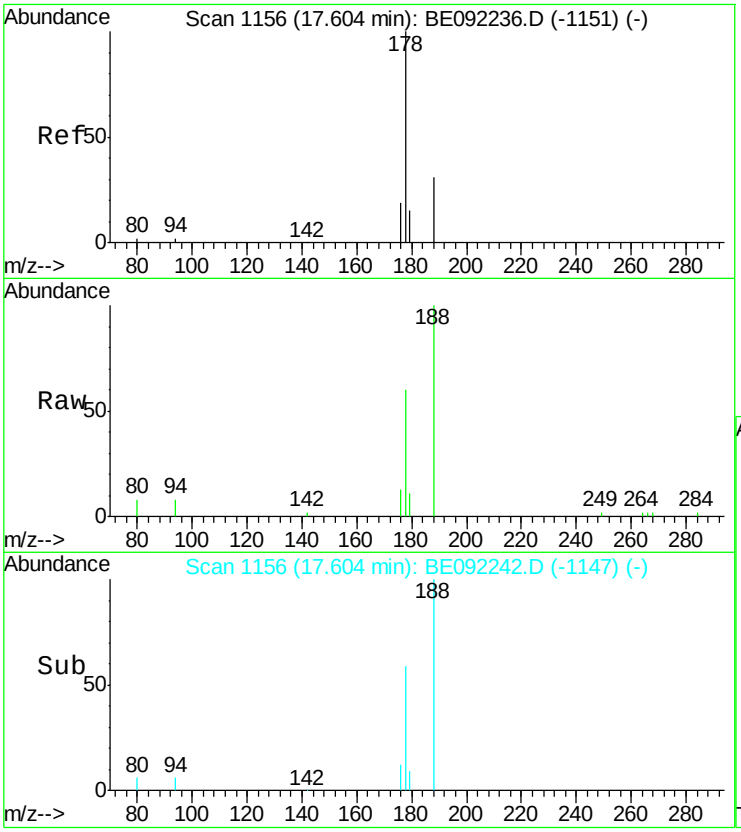


#20
Pentachlorophenol
Concen: 0.06 ng
RT: 17.26 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:266 Resp: 48

Ion	Ratio	Lower	Upper
266	100		
268	88.5	62.3	93.5
264	86.9	67.4	101.0



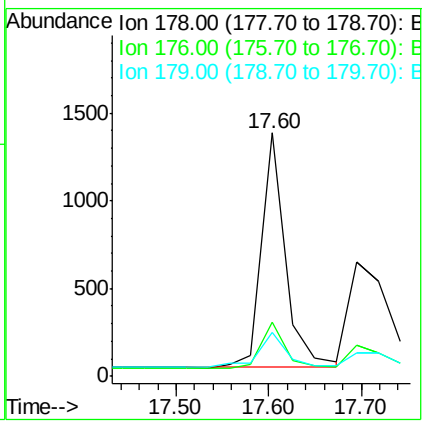


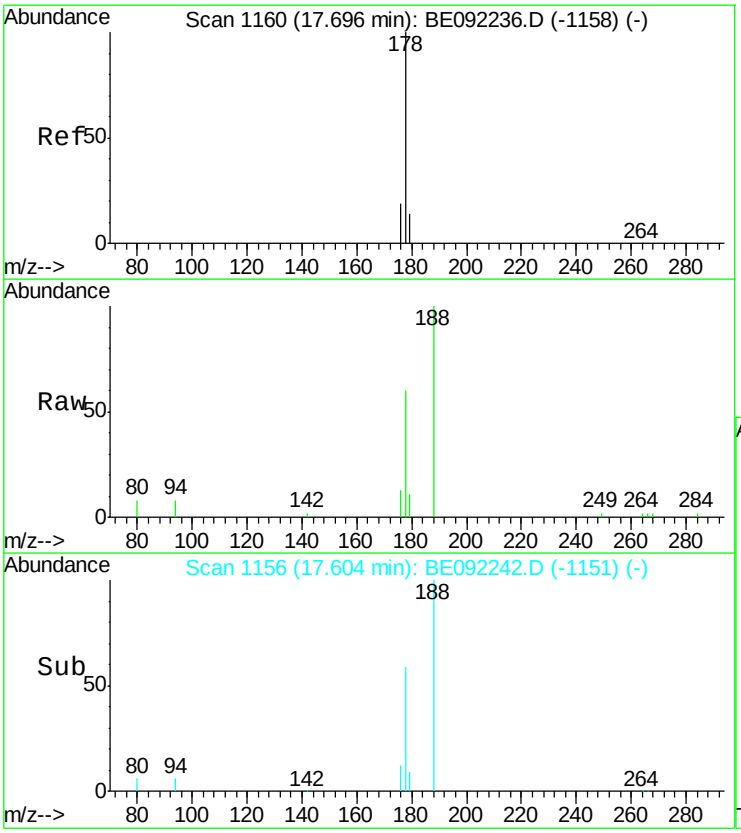
#21
Phenanthrene
Concen: 0.12 ng
RT: 17.60 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 2417

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.1	22.7
179	17.3	12.9	19.3

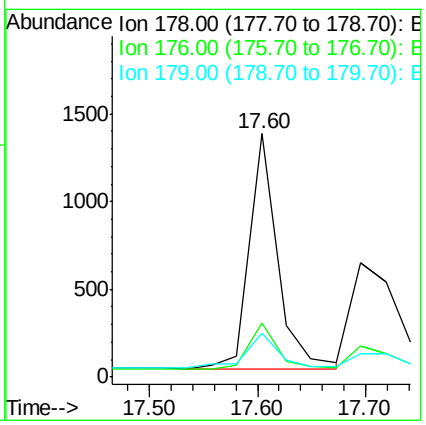


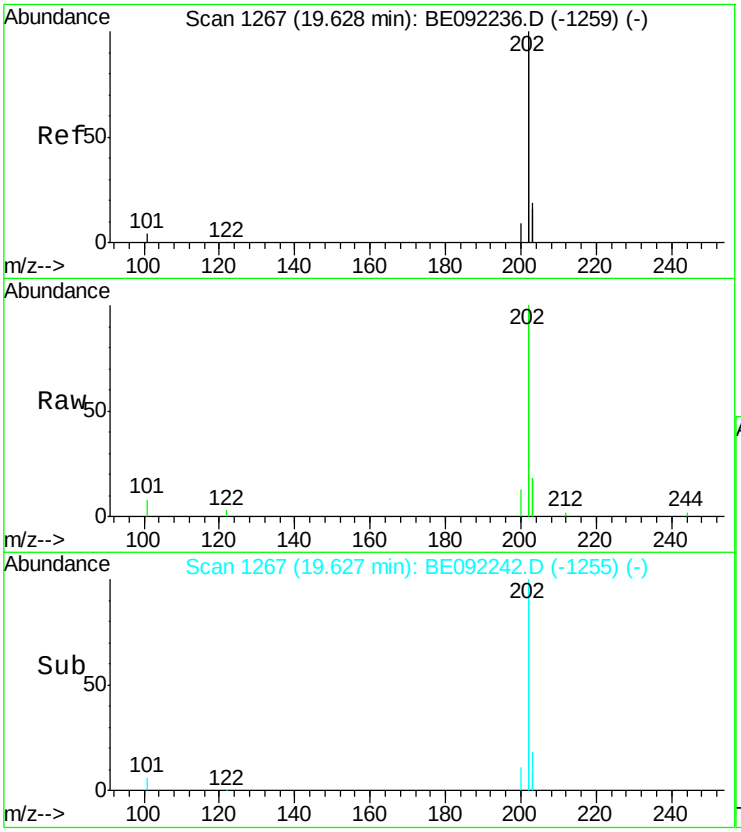


#22
Anthracene
Concen: 0.14 ng
RT: 17.60 min Scan# 1156
Delta R.T. -0.09 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:178 Resp: 2427

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.0	22.4
179	17.3	12.0	18.0



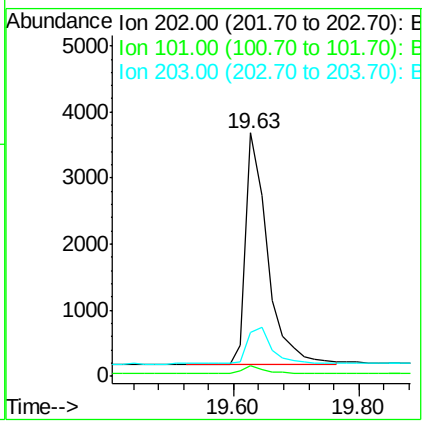


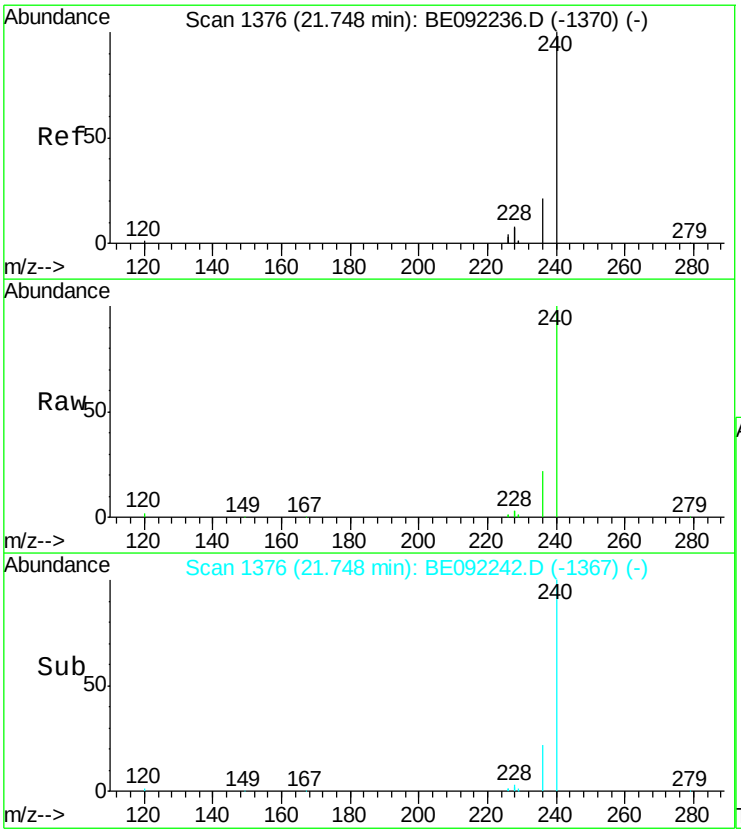
#23
Fluoranthene
Concen: 0.11 ng
RT: 19.63 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 8467

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.2	13.7	20.5

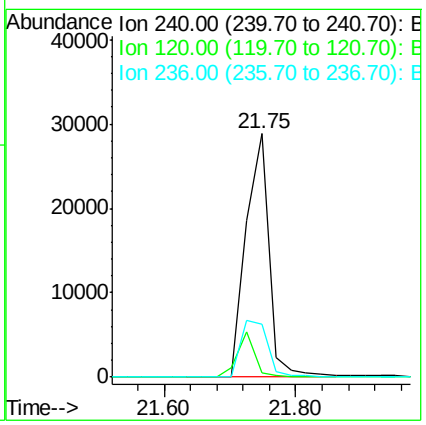


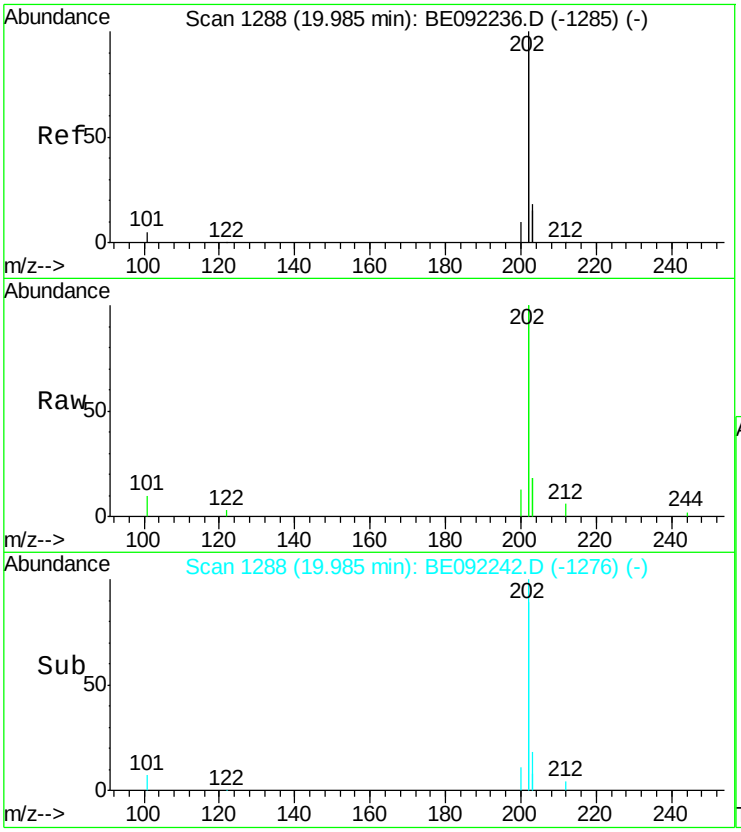


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:240 Resp: 69709

Ion	Ratio	Lower	Upper
240	100		
120	1.5	1.2	1.8
236	22.0	17.1	25.7



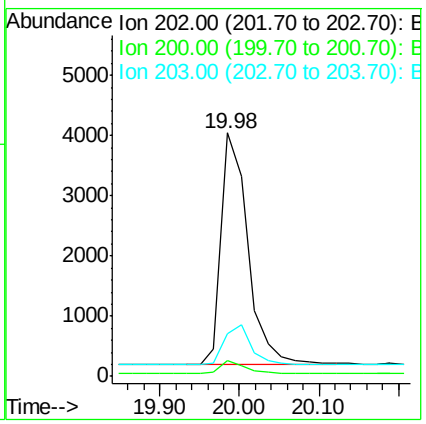


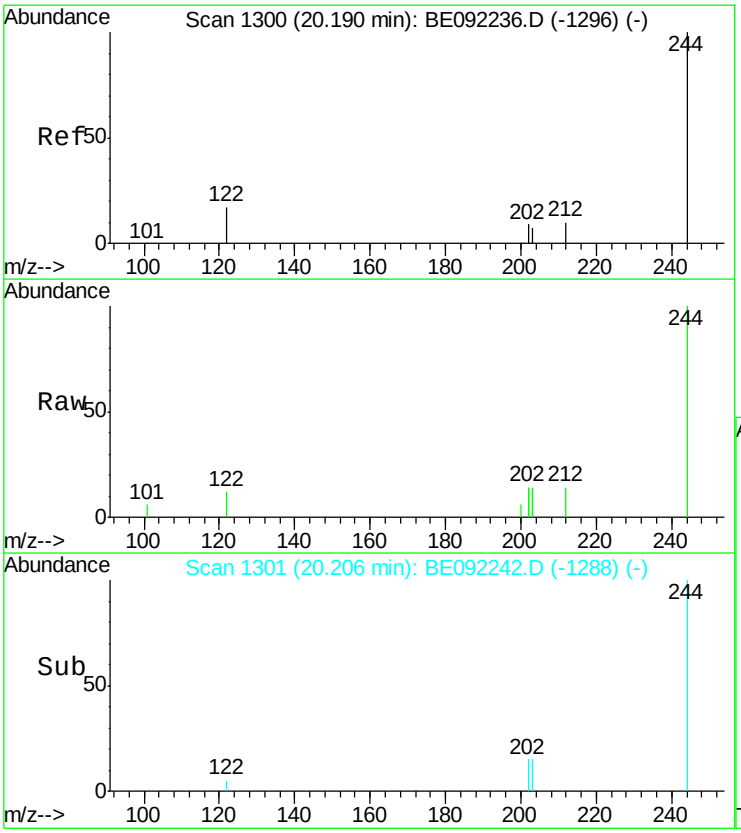
#25
Pyrene
Concen: 0.11 ng
RT: 19.98 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:202 Resp: 9035

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.8	14.0	21.0

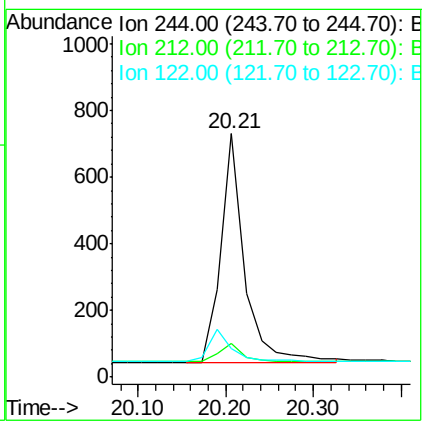


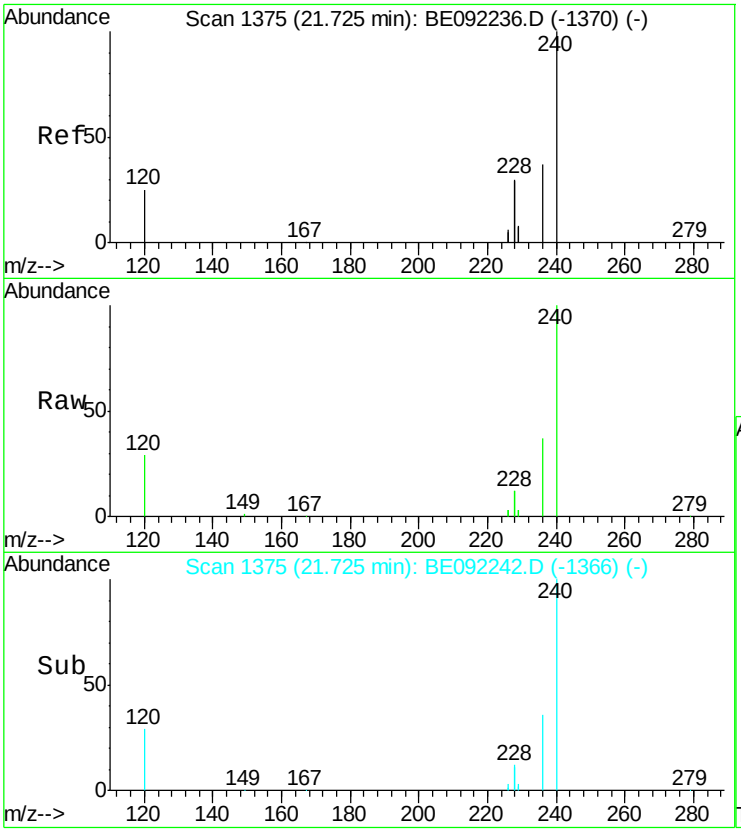


#26
Terphenyl-d14
Concen: 0.11 ng
RT: 20.21 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:244 Resp: 1303

Ion	Ratio	Lower	Upper
244	100		
212	13.8	10.2	15.2
122	11.6	15.9	23.9#



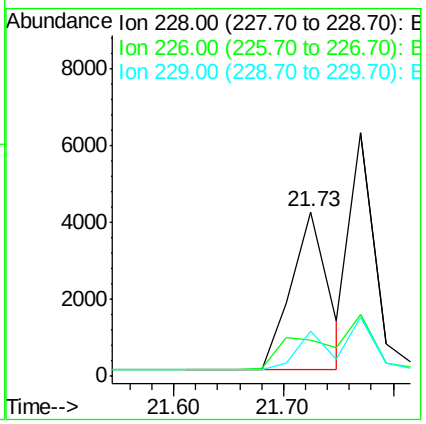


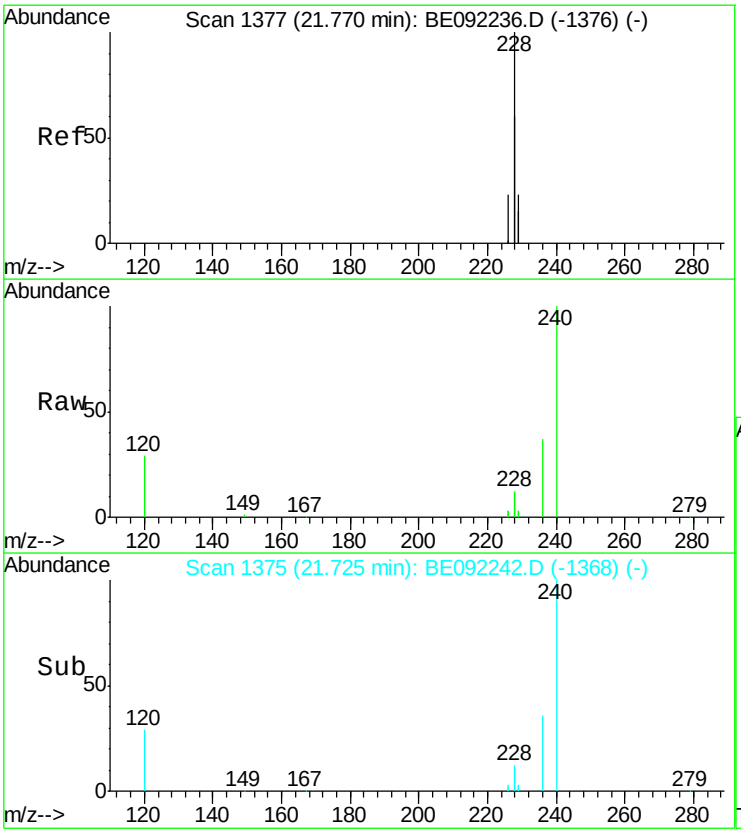
#27
Benzo(a)anthracene
Concen: 0.12 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 9674

Ion	Ratio	Lower	Upper
228	100		
226	21.7	15.9	23.9
229	27.4	22.4	33.6

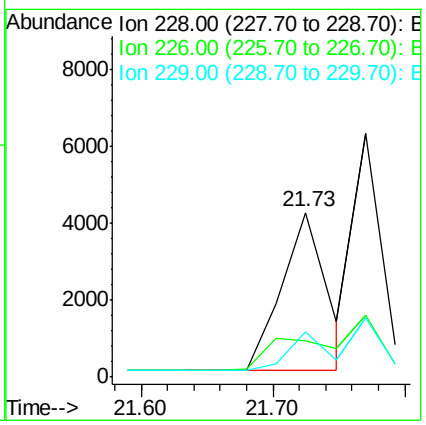


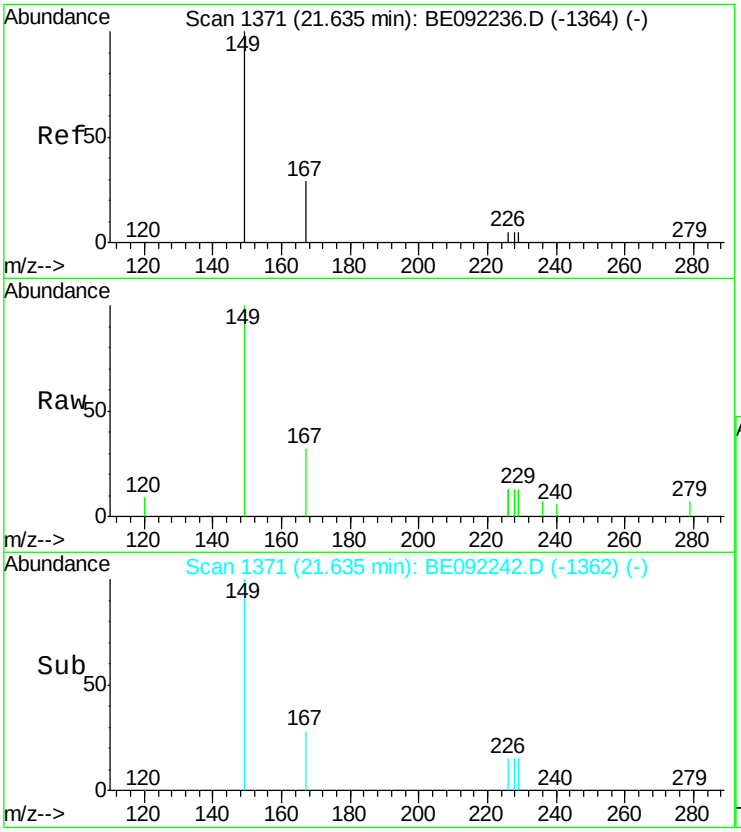


#28
Chrysene
Concen: 0.12 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.05 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:228 Resp: 9675

Ion	Ratio	Lower	Upper
228	100		
226	21.7	18.3	27.5
229	27.4	18.6	27.8



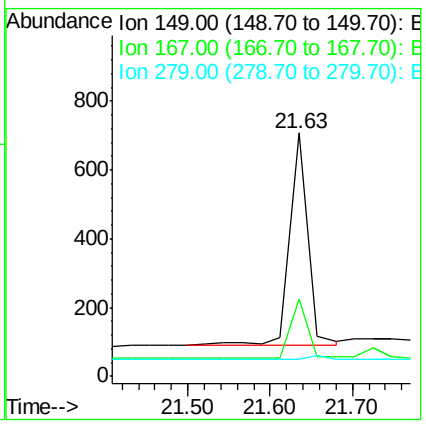


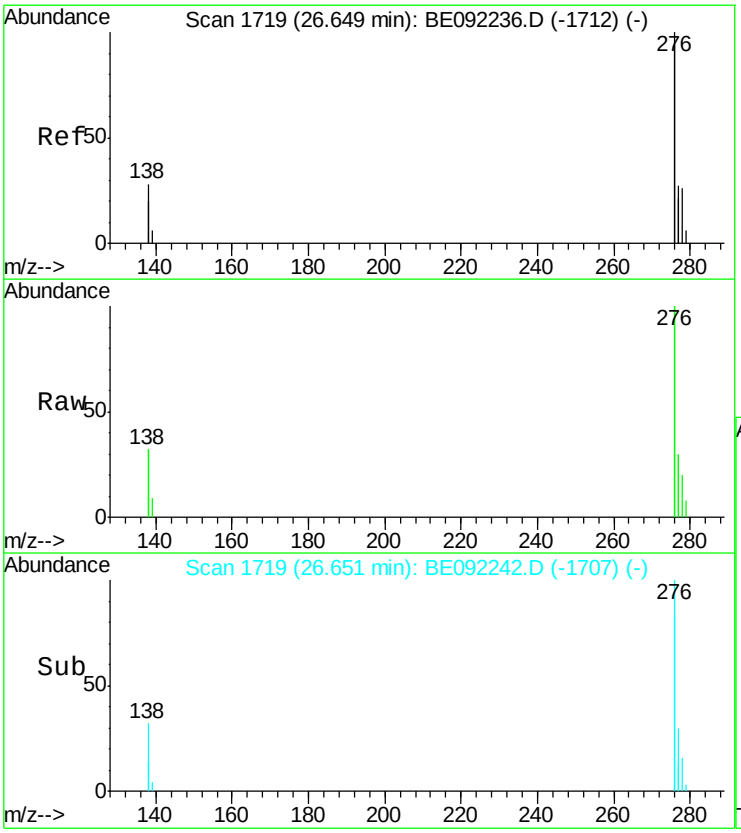
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.09 ng
RT: 21.63 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:149 Resp: 970

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.1	33.1
279	0.0	0.0	0.0

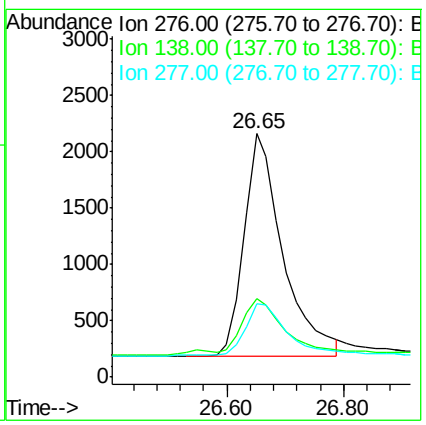


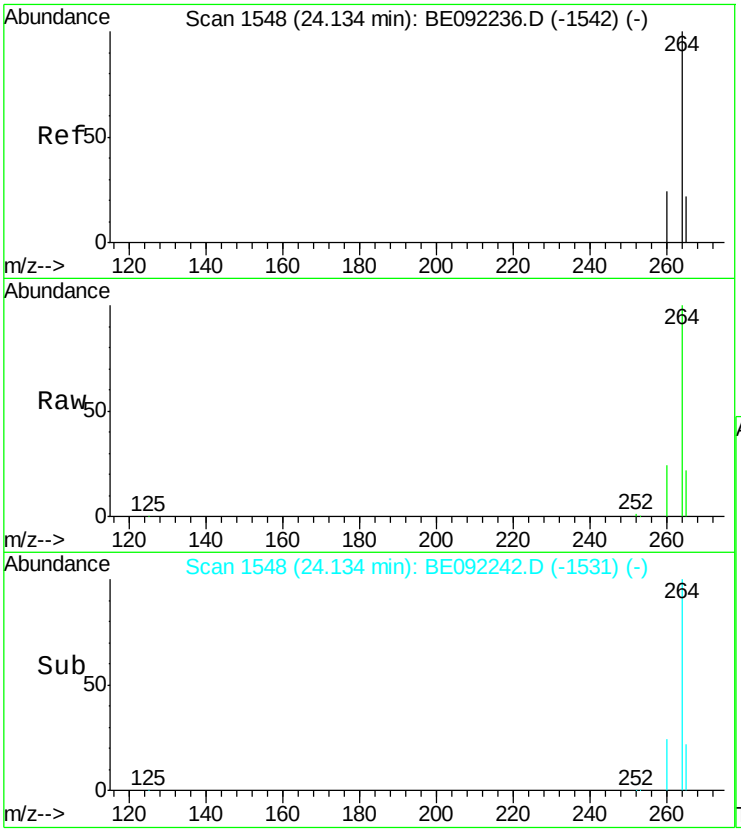


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:276 Resp: 9174

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.3	31.9
277	24.7	19.7	29.5



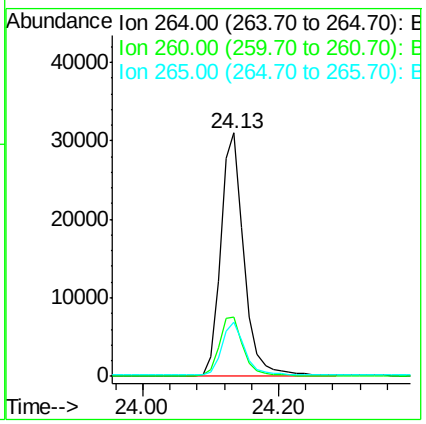


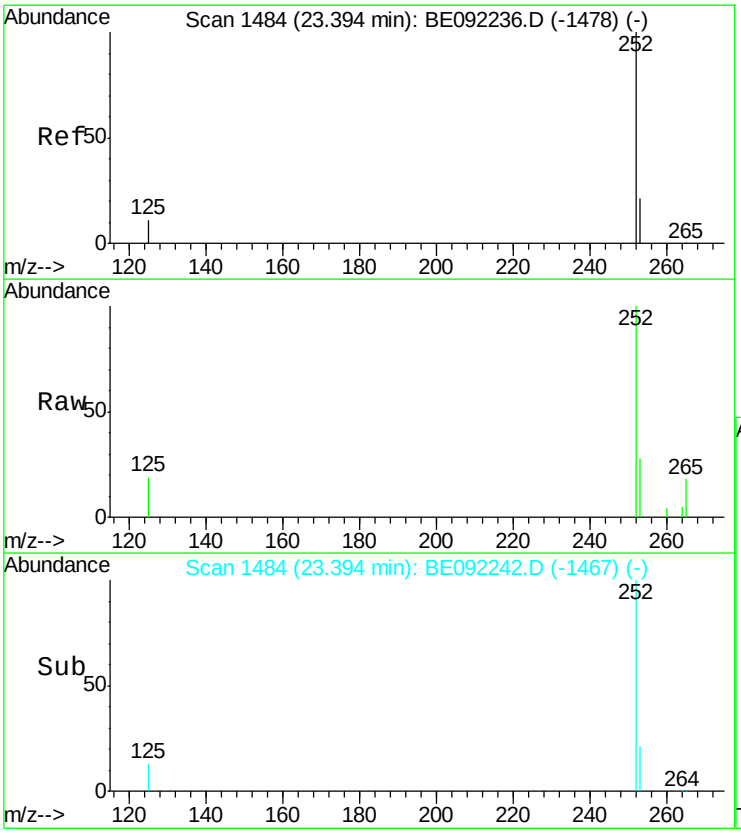
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 74318

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.2	18.2	27.4

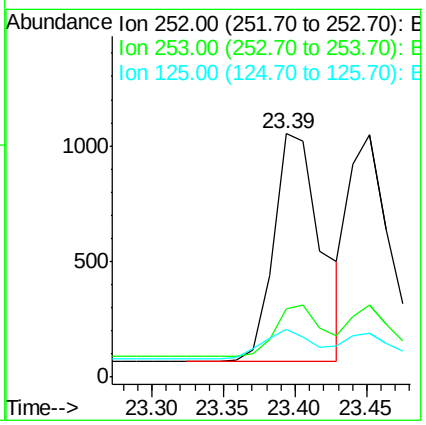


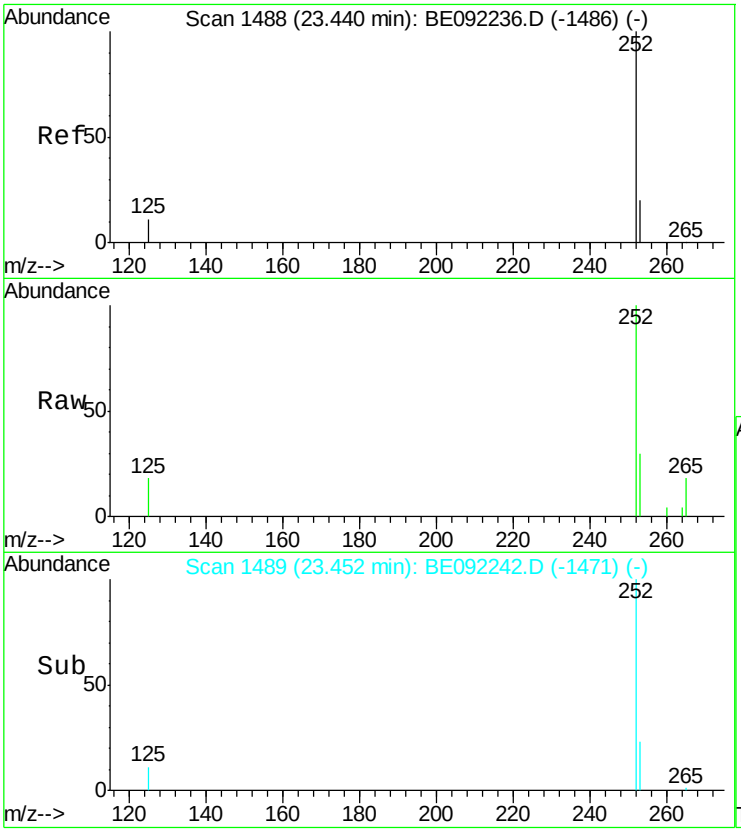


#32
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:252 Resp: 2271

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.0	28.4
125	19.5	10.3	15.5#



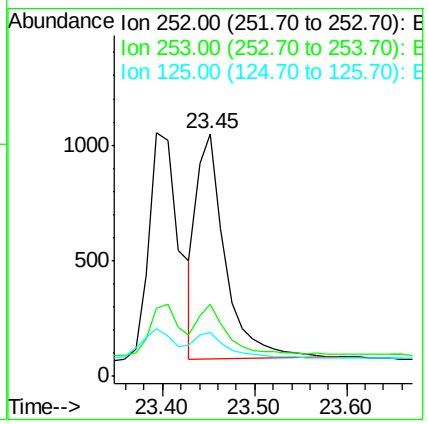


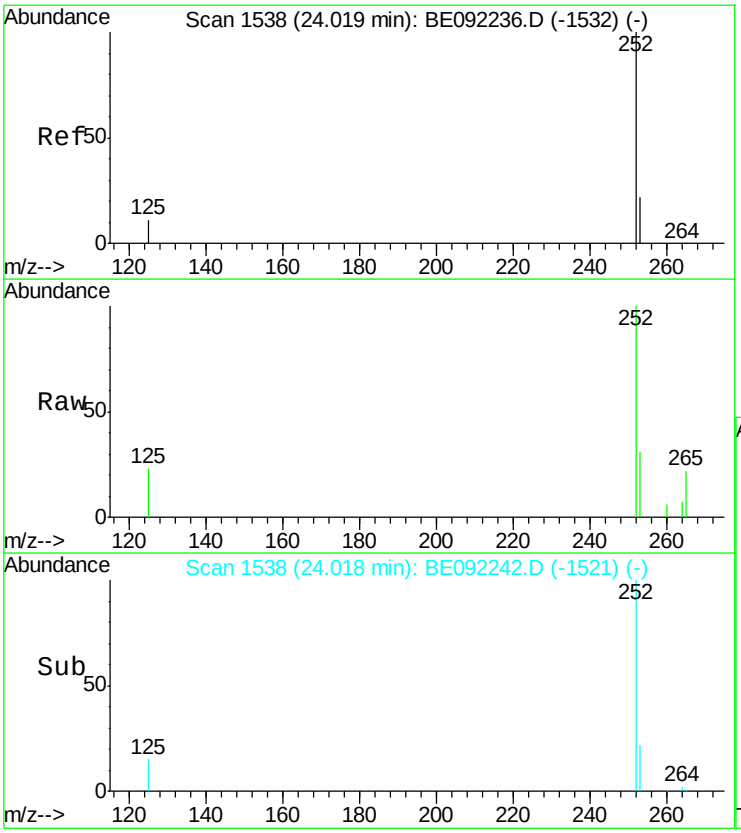
#33
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.45 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 2083

Ion	Ratio	Lower	Upper
252	100		
253	29.9	19.0	28.6#
125	17.8	10.6	15.8#

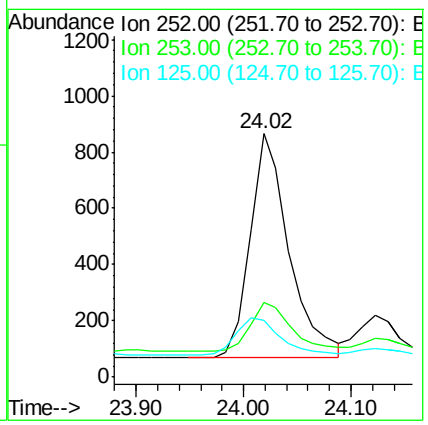


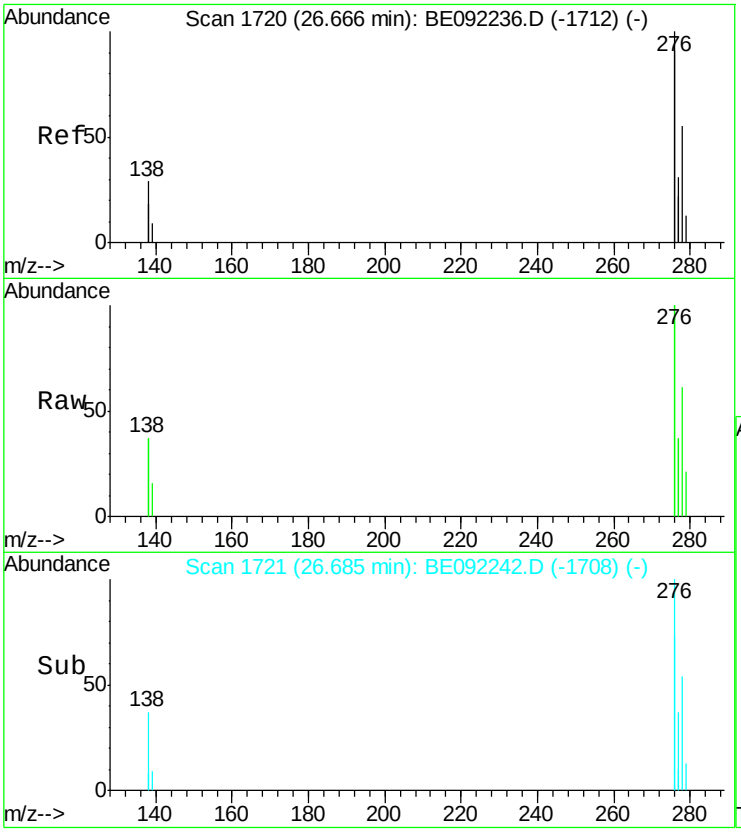


#34
Benzo(a)pyrene
Concen: 0.11 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:252 Resp: 2008

Ion	Ratio	Lower	Upper
252	100		
253	30.6	20.3	30.5#
125	23.2	11.8	17.6#



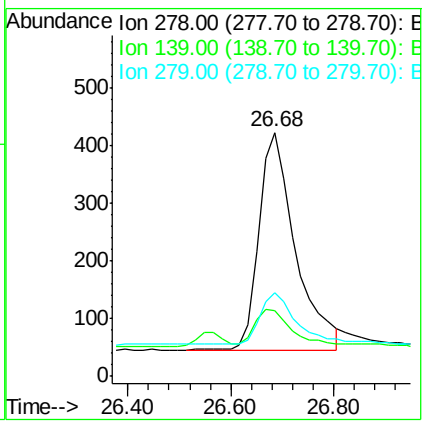


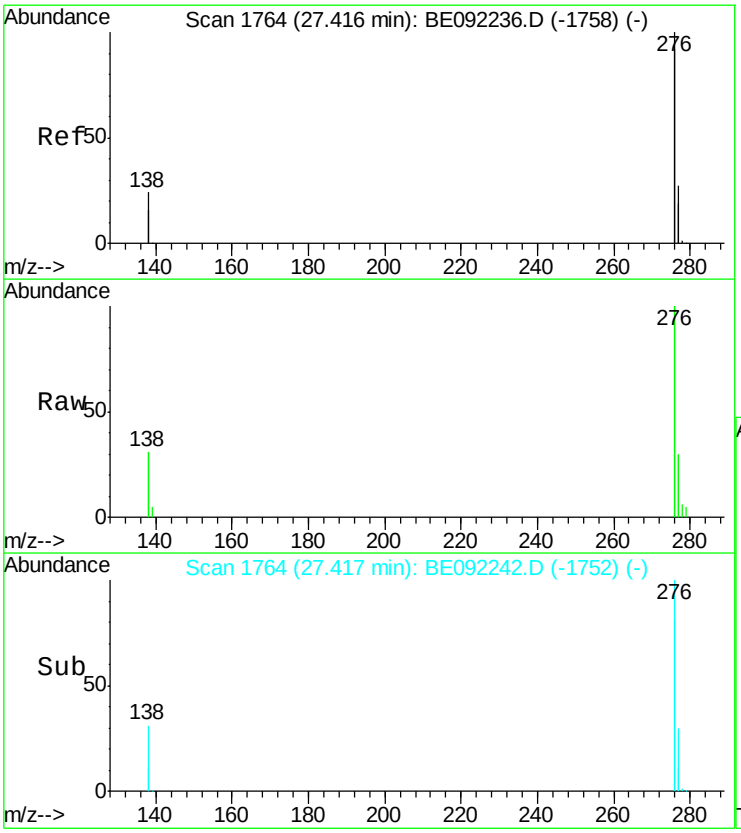
#35
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.68 min Scan# 1721
Delta R.T. 0.02 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:278 Resp: 1837

Ion	Ratio	Lower	Upper
278	100		
139	27.0	16.2	24.2#
279	34.3	21.4	32.2#





#36
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 27.42 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BE092242.D
Acq: 9 Aug 2016 23:40

Tgt Ion:276 Resp: 8297

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.4	32.2
138	30.6	19.4	29.2#