Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092656.D
Acq On : 16 Jan 2017 17:42
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 16 18:33:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 18:23:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10567	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	47413	5.00	ng		0.00
12) Acenaphthene-d10	14.78	164	31232	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	70211	5.00	ng		0.00
24) Chrysene-d12	21.72	240	78239	5.00	ng		0.00
31) Perylene-d12	24.07	264	82109	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	761	0.32	ng		0.00
5) Phenol-d6	7.33	99	916	0.32	ng		0.00
8) Nitrobenzene-d5	9.34	82	1020	0.33	ng		0.00
13) 2,4,6-Tribromophenol	16.29	330	265	0.41	ng		0.00
14) 2-Fluorobiphenyl	13.42	172	2843	0.37	ng		0.00
26) Terphenyl-d14	20.16	244	3728	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	661	0.40	ng		94
3) n-Nitrosodimethylamine	3.76	42	604	0.32	ng	#	97
6) bis(2-Chloroethyl)ether	7.57	93	1028	0.33	ng	#	85
9) Naphthalene	10.97	128	3793	0.38	ng		99
10) Hexachlorobutadiene	11.26	225	560	0.38	ng		97
11) 2-Methylnaphthalene	12.61	142	2202	0.36	ng		99
15) Acenaphthylene	14.51	152	15361	0.36	ng		99
16) Acenaphthene	14.85	154	2608	0.38	ng		95
17) Fluorene	15.84	166	3136	0.36	ng		99
19) Hexachlorobenzene	16.87	284	2190	0.88	ng	#	55
20) Pentachlorophenol	17.23	266	217	0.30	ng		94
21) Phenanthrene	17.58	178	6006	0.39	ng		96
22) Anthracene	17.58	178	6006	0.42	ng		98
23) Fluoranthene	19.59	202	24868	0.36	ng		99
25) Pyrene	19.95	202	26121	0.34	ng		100
27) Benzo(a)anthracene	21.75	228	57366	0.74	ng		97
28) Chrysene	21.75	228	57606	0.66	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.61	149	3357	0.42	ng	#	73
30) Indeno(1,2,3-cd)pyrene	26.55	276	30864	0.33	ng		97
32) Benzo(b)fluoranthene	23.34	252	6530	0.33	ng		99
33) Benzo(k)fluoranthene	23.38	252	7735	0.39	ng		97
34) Benzo(a)pyrene	23.95	252	6518	0.35	ng		100
35) Dibenzo(a,h)anthracene	26.56	278	6203	0.34	ng	#	96
36) Benzo(g,h,i)perylene	27.31	276	26702	0.35	ng		97

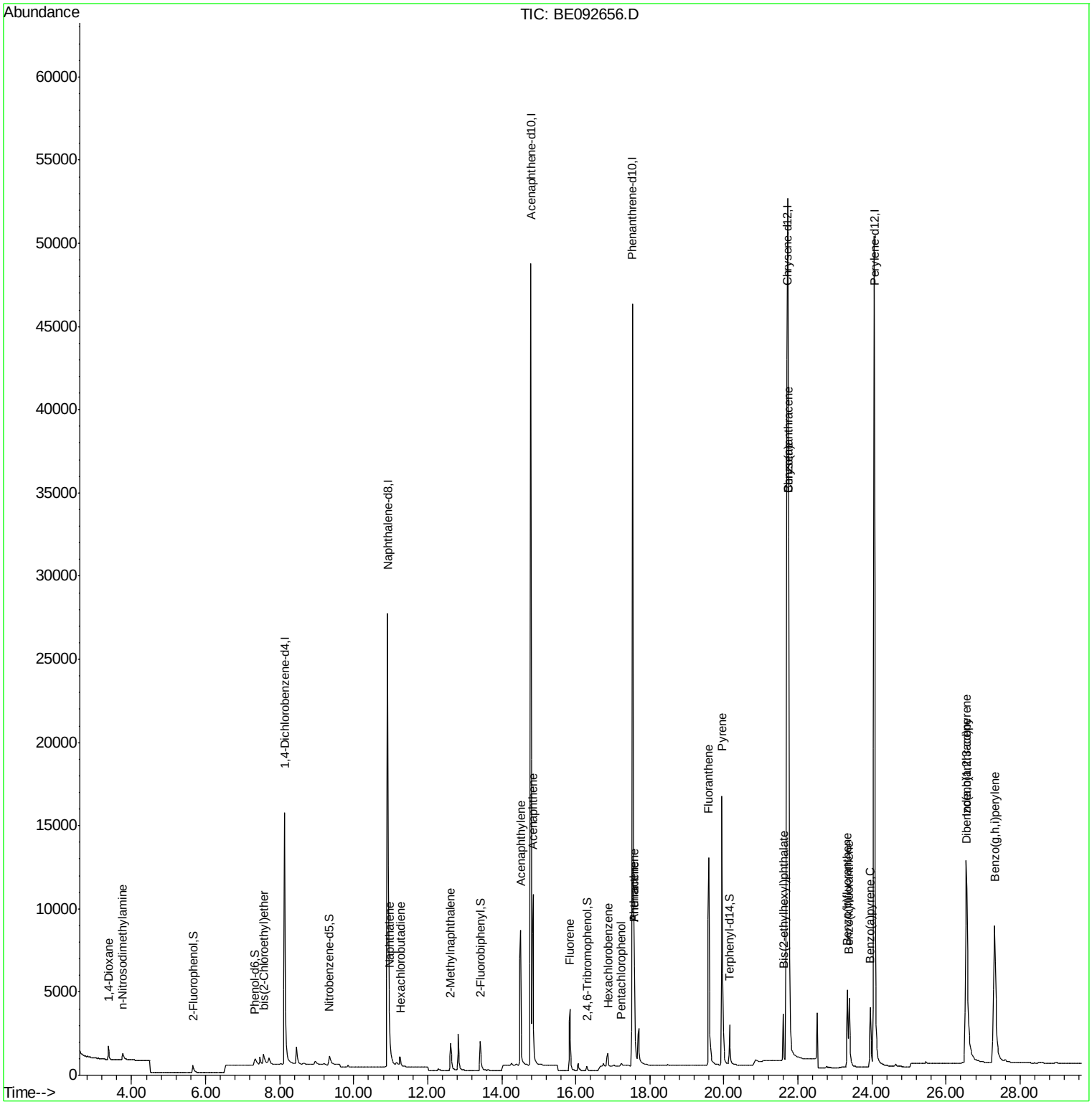
(#) = qualifier out of range (m) = manual integration (+) = signals summed

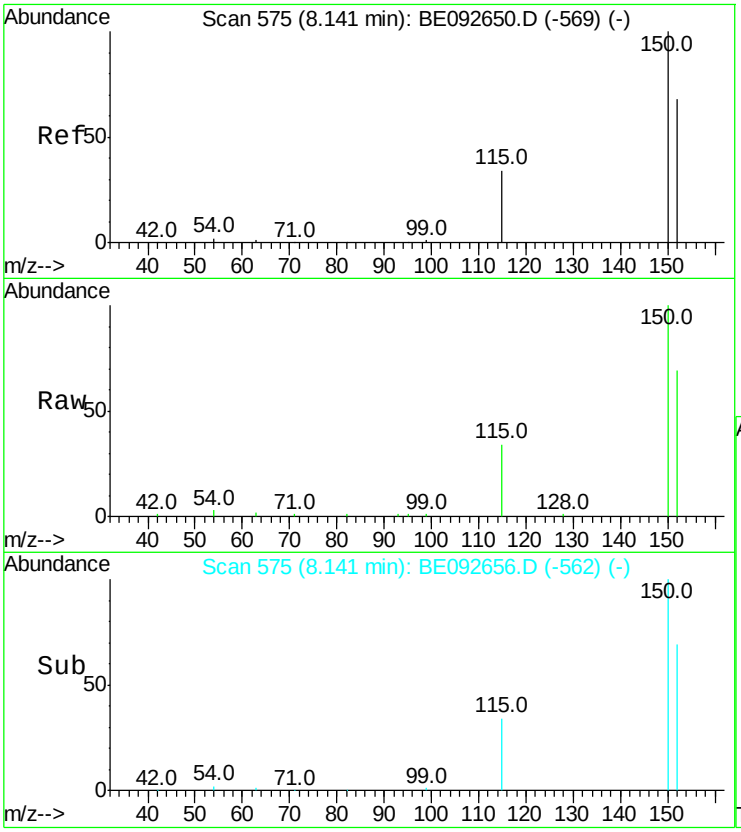
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011617\
Data File : BE092656.D
Acq On : 16 Jan 2017 17:42
Operator : UM/SJ
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 16 18:33:43 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE011617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 16 18:23:12 2017
Response via : Initial Calibration



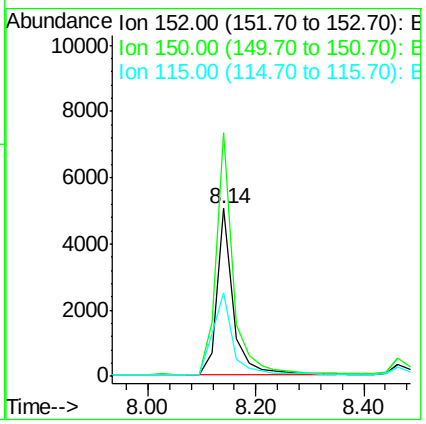


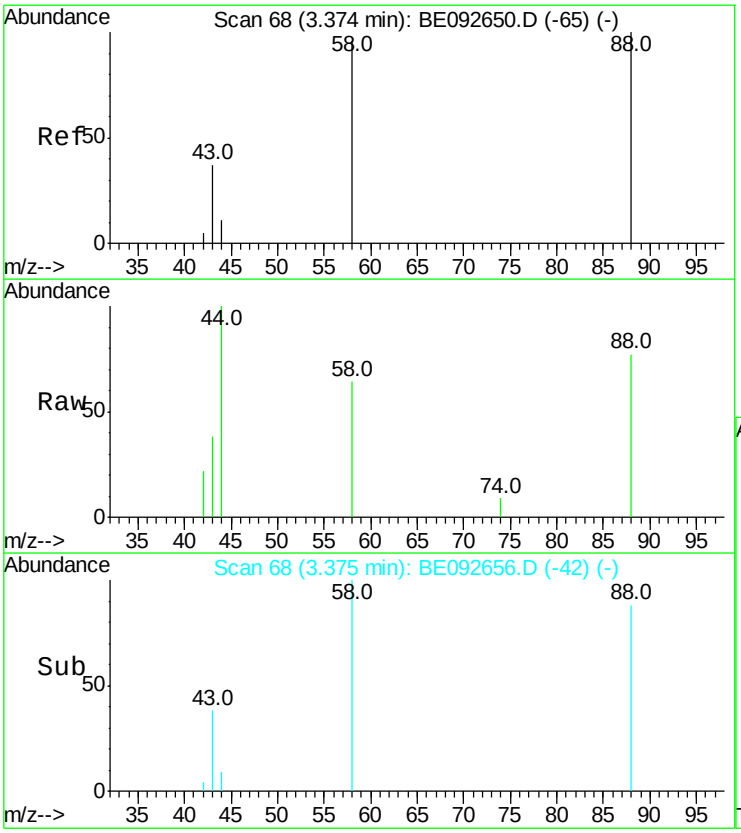
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10567

Ion	Ratio	Lower	Upper
152	100		
150	144.9	106.0	159.0
115	49.6	31.2	46.8#

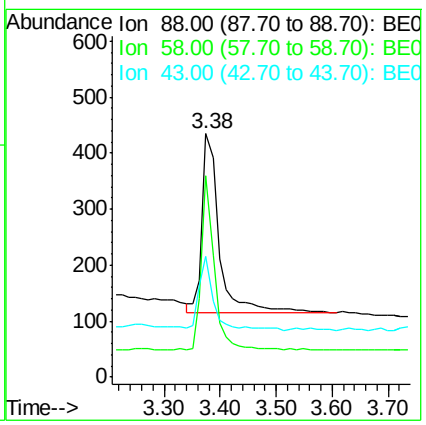


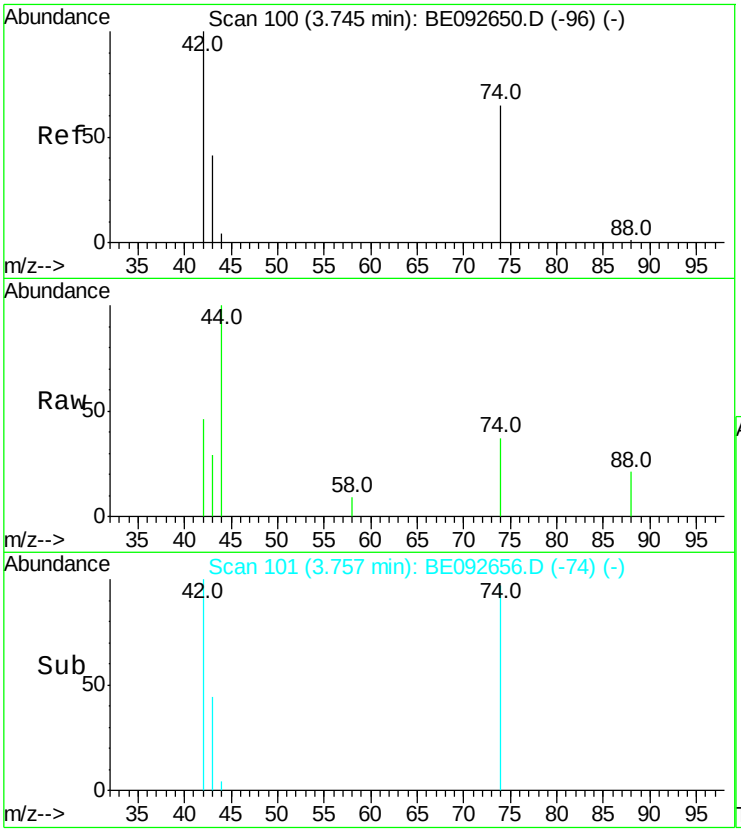


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.38 min Scan# 68
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion: 88 Resp: 661

Ion	Ratio	Lower	Upper
88	100		
58	72.2	63.6	95.4
43	35.6	28.0	42.0



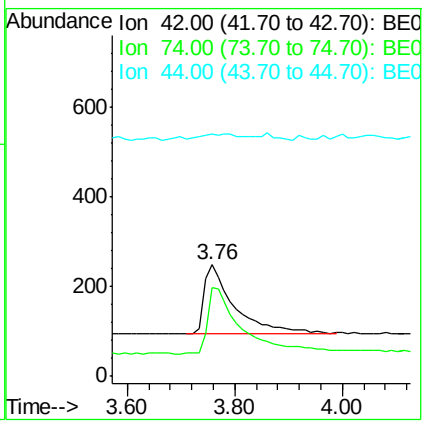


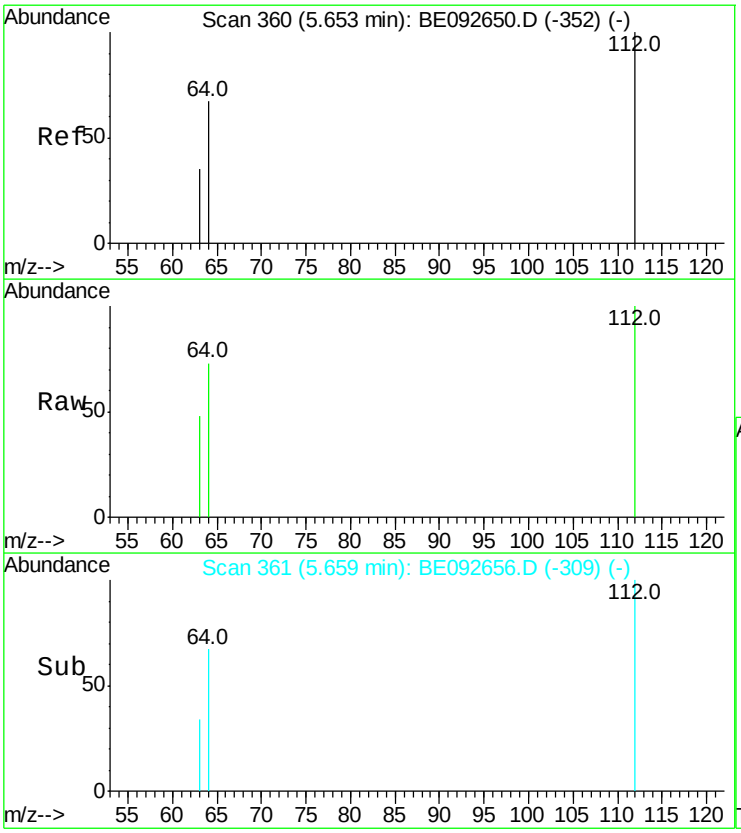
#3
n-Nitrosodimethylamine
Concen: 0.32 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 604

Ion	Ratio	Lower	Upper
42	100		
74	110.1	86.0	129.0
44	0.0	5.1	7.7#

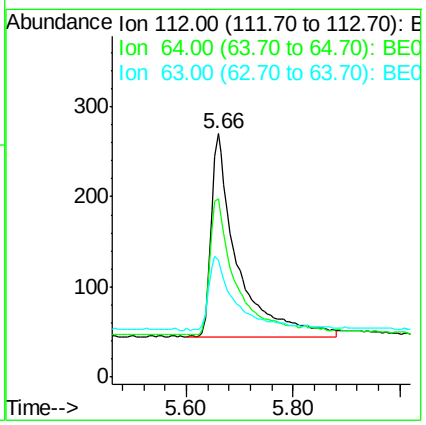


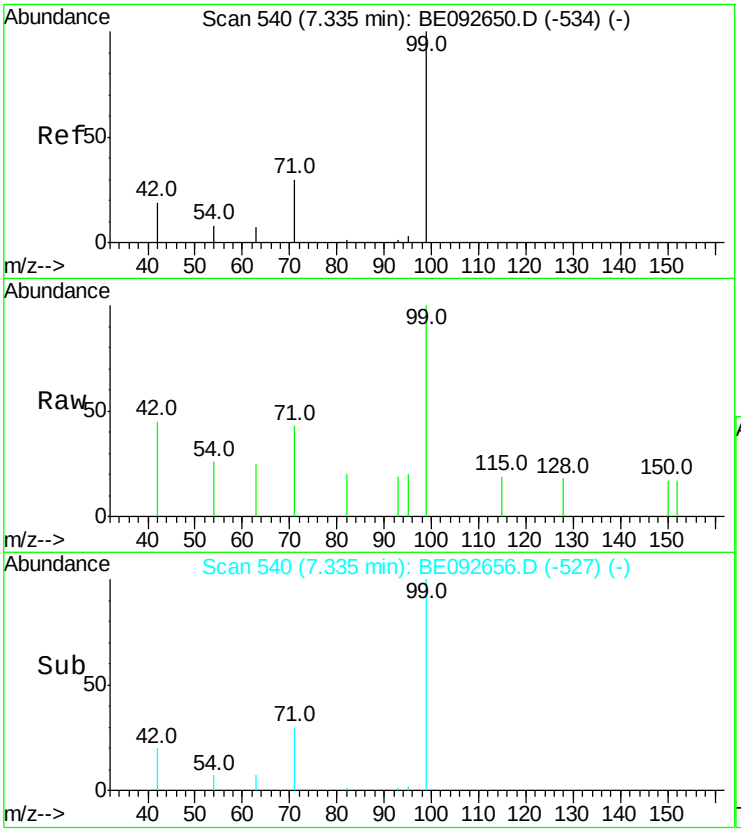


#4
2-Fluorophenol
Concen: 0.32 ng
RT: 5.66 min Scan# 361
Delta R.T. 0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:112 Resp: 761

Ion	Ratio	Lower	Upper
112	100		
64	66.5	53.5	80.3
63	35.2	27.9	41.9



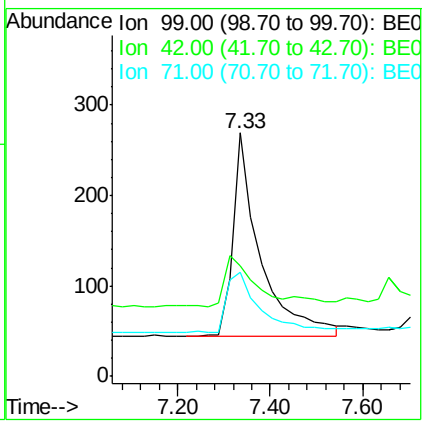


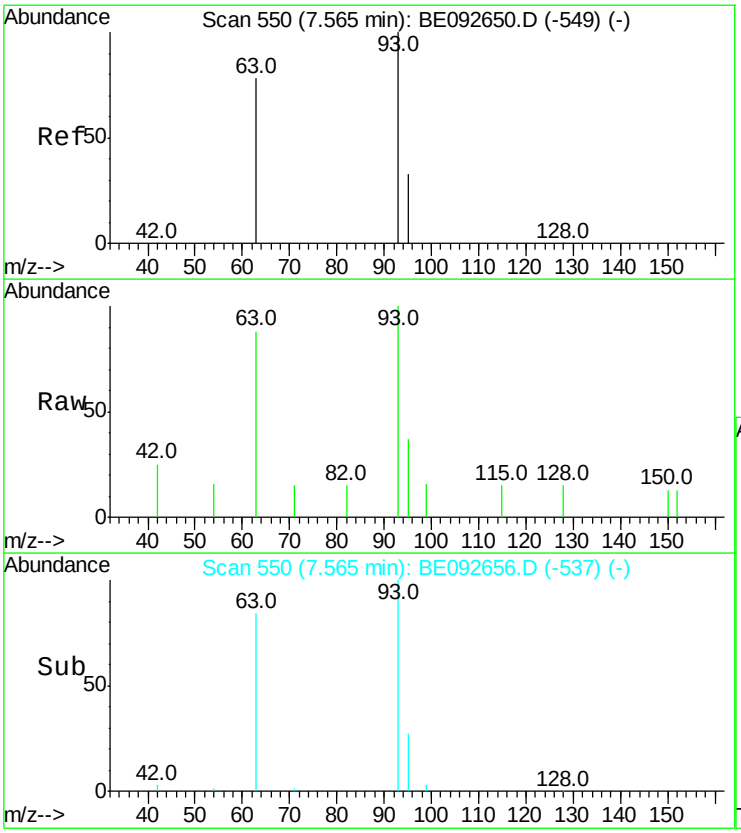
#5
Phenol-d6
Concen: 0.32 ng
RT: 7.33 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 916

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	38.0	30.6	45.8

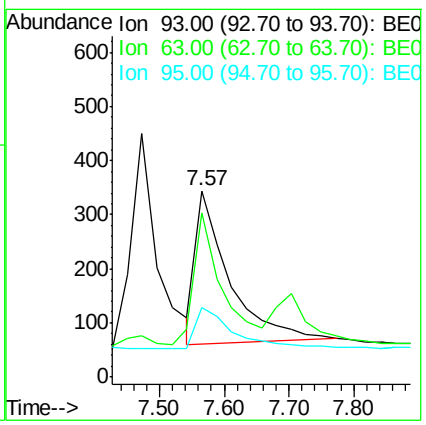


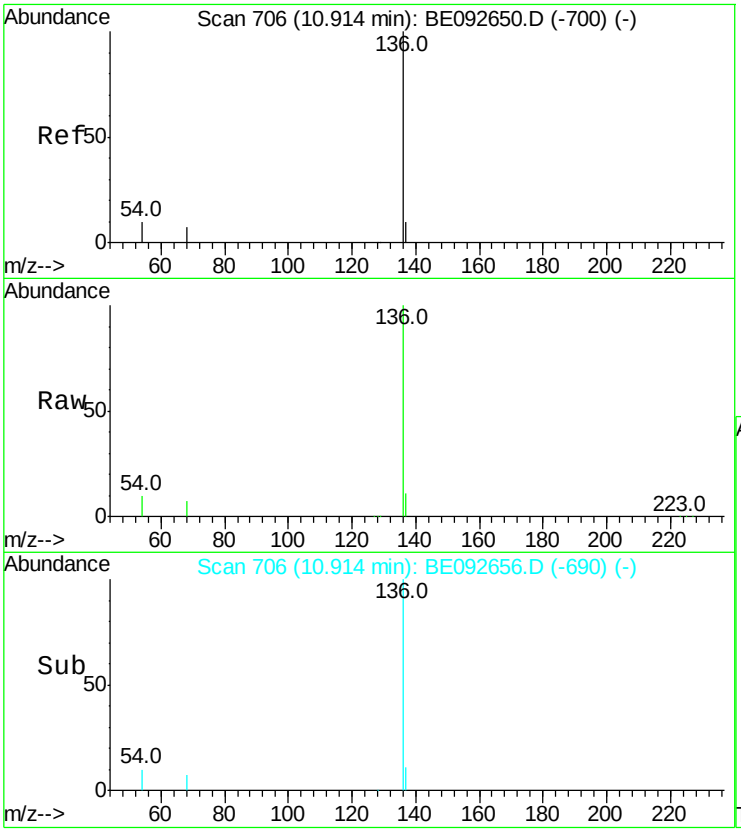


#6
bis(2-Chloroethyl)ether
Concen: 0.33 ng
RT: 7.57 min Scan# 550
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion: 93 Resp: 1028

Ion	Ratio	Lower	Upper
93	100		
63	71.4	71.6	107.4#
95	30.4	24.0	36.0



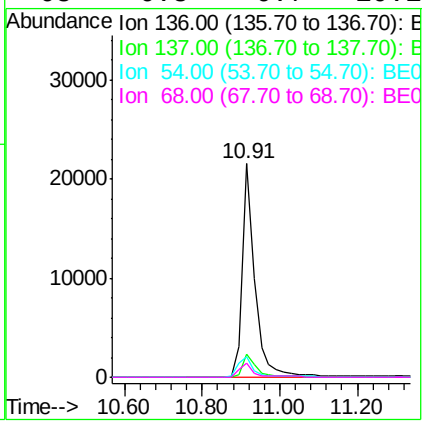


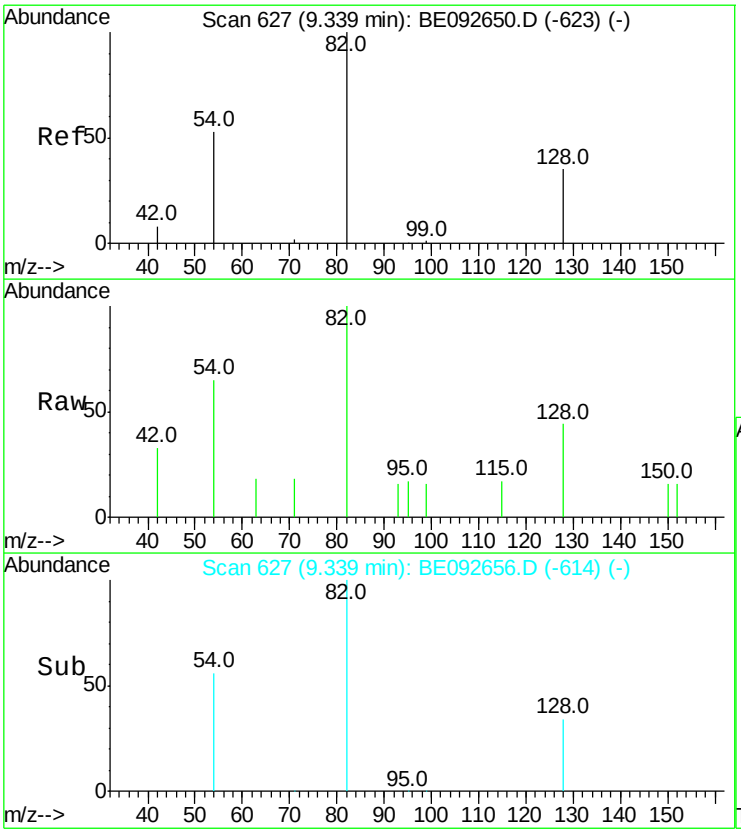
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 47413

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	9.7	9.6	14.4
68	6.8	6.7	10.1

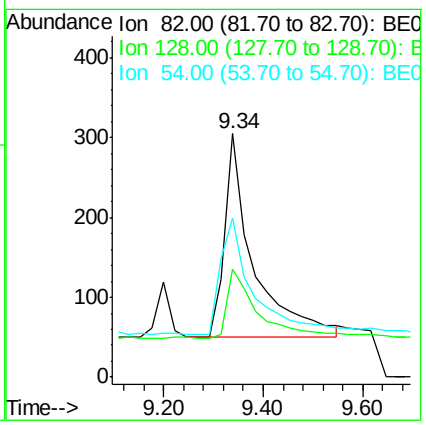


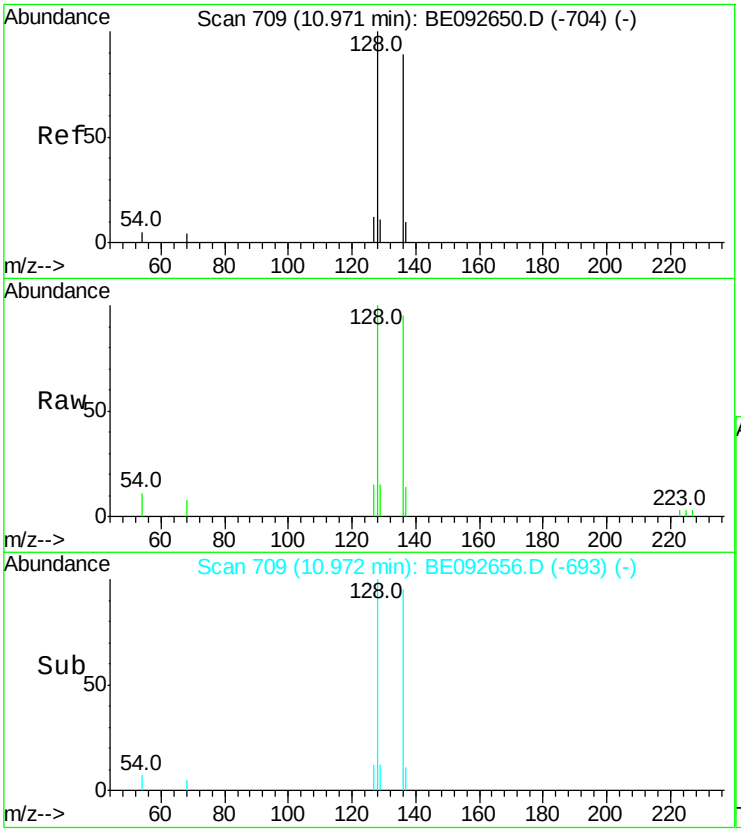


#8
Nitrobenzene-d5
Concen: 0.33 ng
RT: 9.34 min Scan# 627
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion: 82 Resp: 1020

Ion	Ratio	Lower	Upper
82	100		
128	44.3	39.0	58.4
54	65.2	44.8	67.2



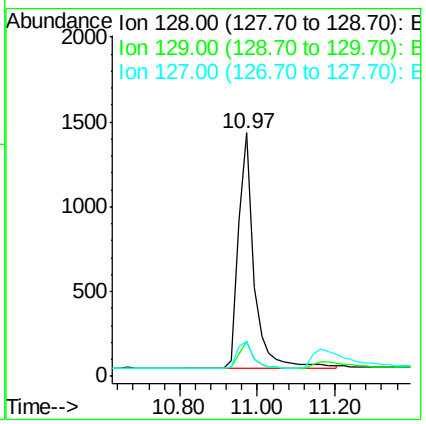


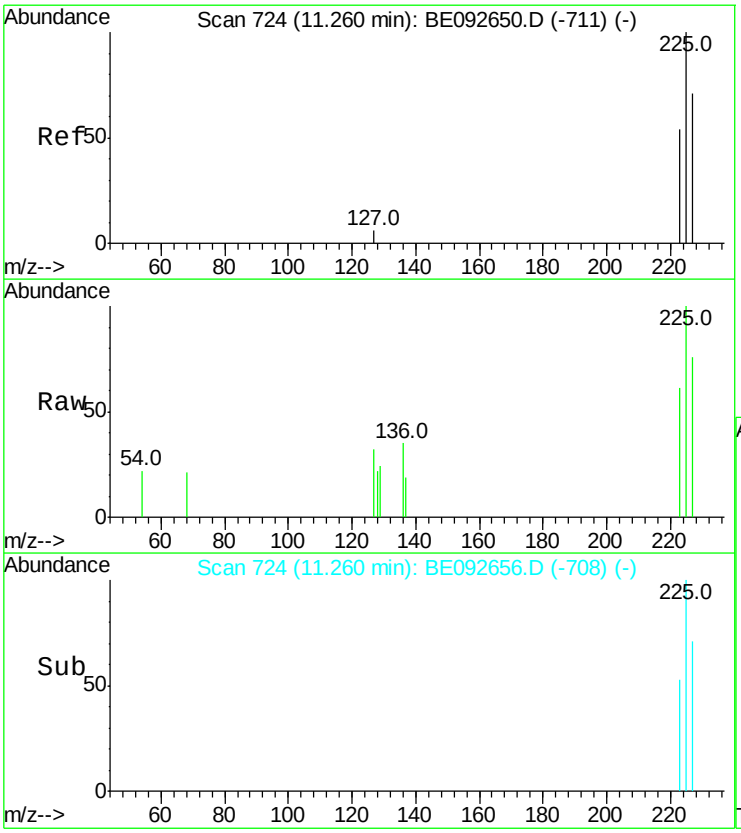
#9
Naphthalene
Concen: 0.38 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3793

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

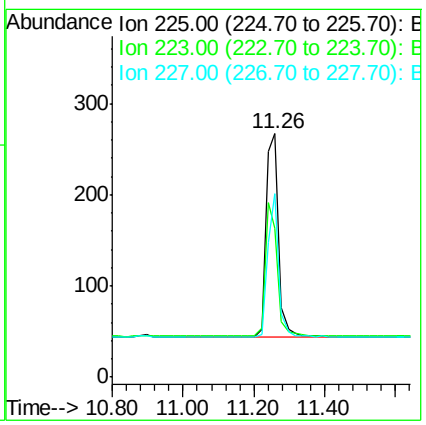


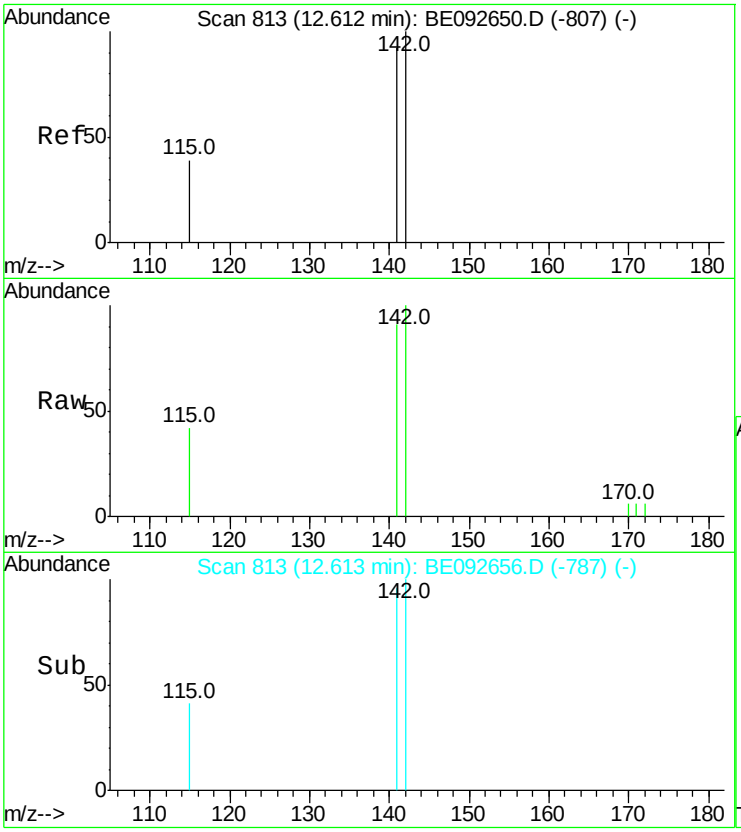


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:225 Resp: 560

Ion	Ratio	Lower	Upper
225	100		
223	61.8	50.6	76.0
227	61.8	51.4	77.0



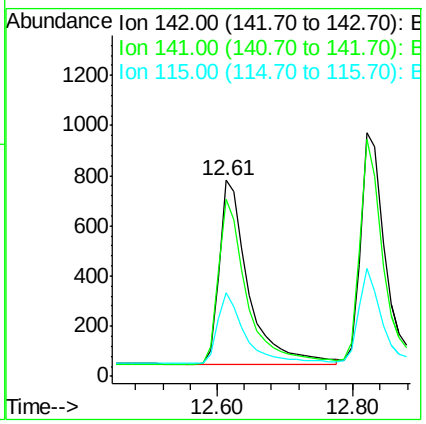


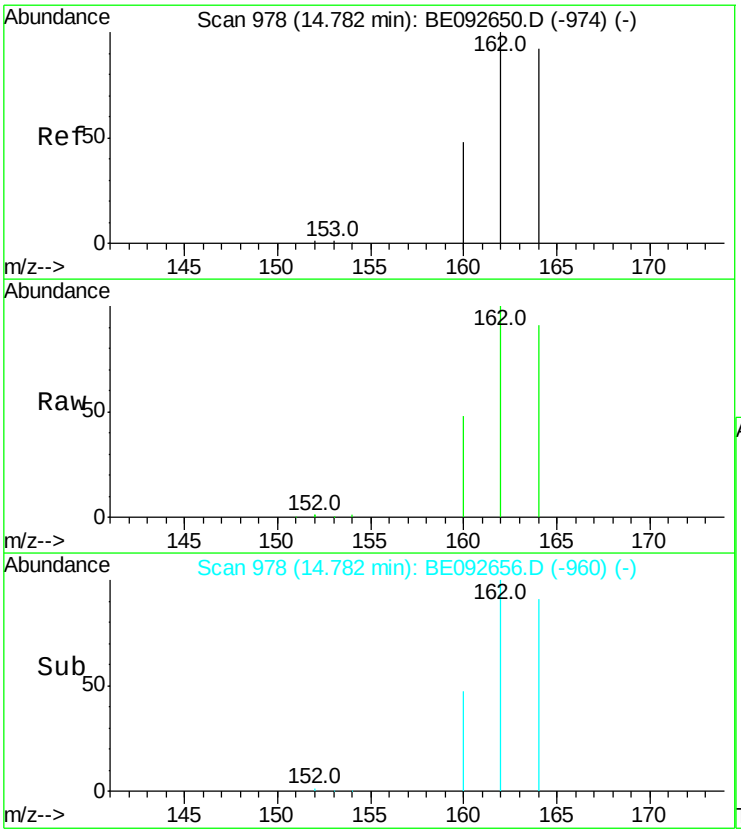
#11
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.61 min Scan# 813
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 2202

Ion	Ratio	Lower	Upper
142	100		
141	90.7	73.7	110.5
115	42.4	34.0	51.0

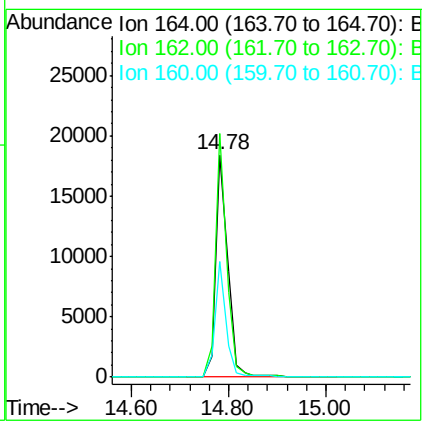


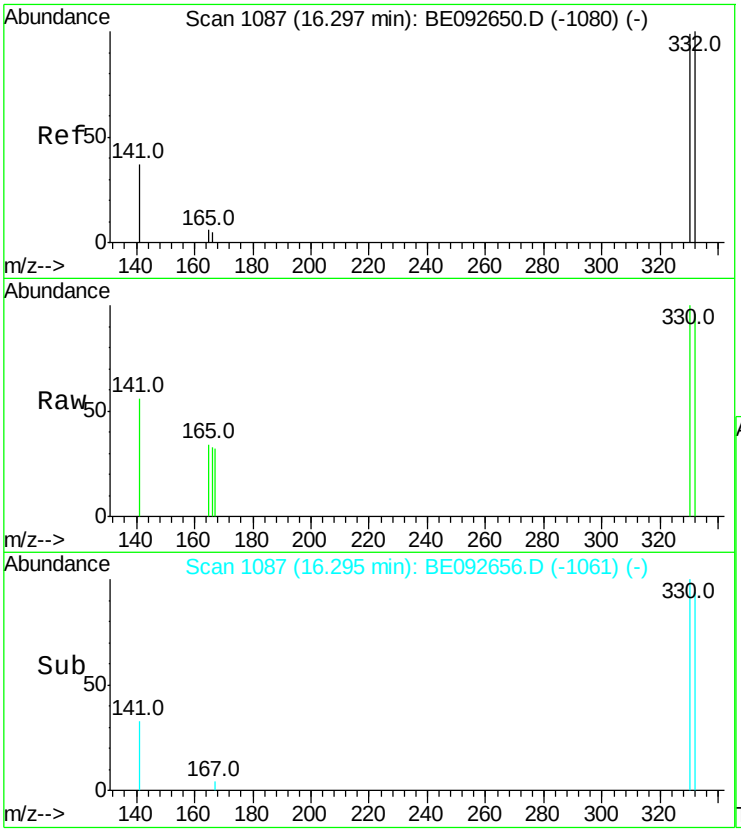


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.78 min Scan# 978
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:164 Resp: 31232

Ion	Ratio	Lower	Upper
164	100		
162	109.6	71.4	107.0#
160	52.2	27.4	41.2#



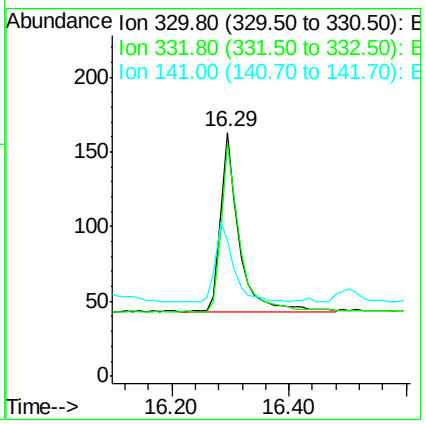


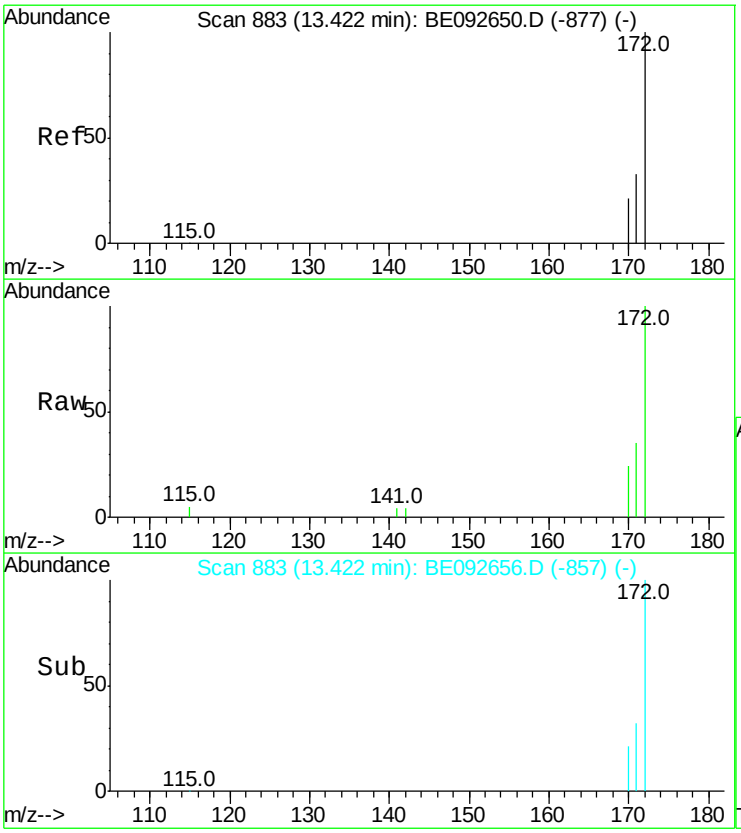
#13
2,4,6-Tribromophenol
Concen: 0.41 ng
RT: 16.29 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 265

Ion	Ratio	Lower	Upper
330	100		
332	92.5	75.4	113.0
141	41.5	31.0	46.6

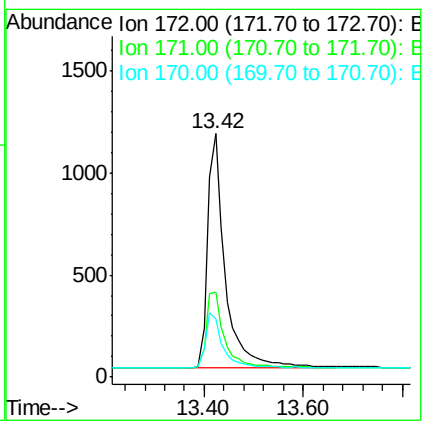


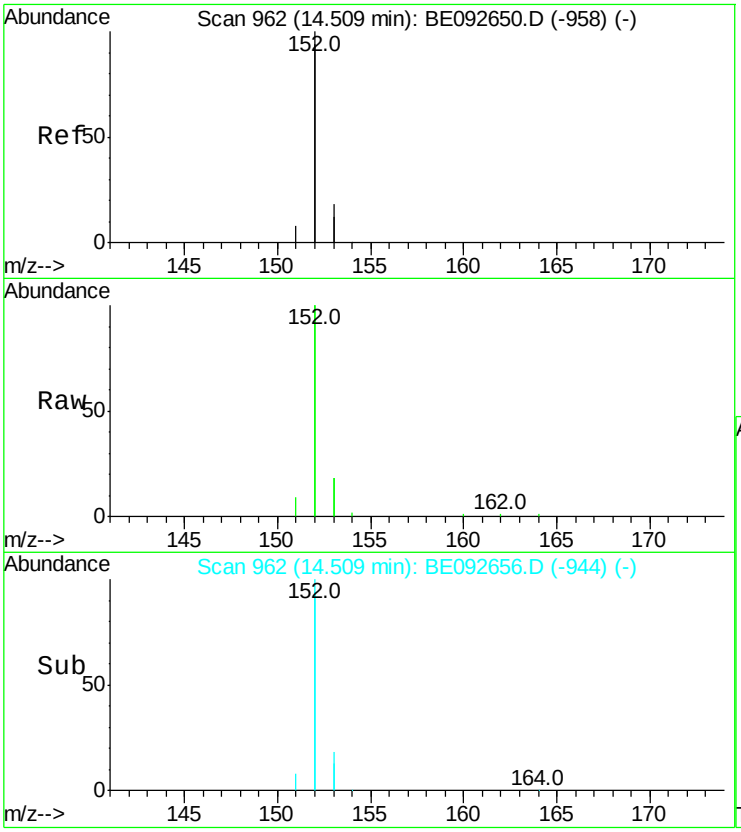


#14
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 13.42 min Scan# 883
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:172 Resp: 2843

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	23.9	21.8	32.6



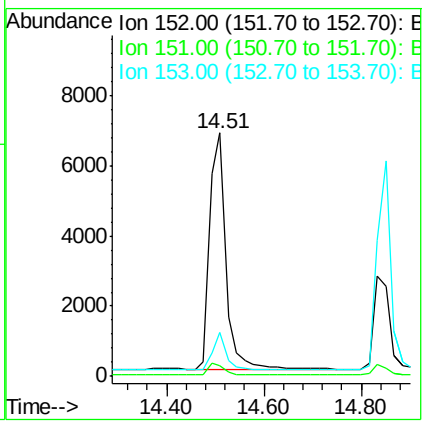


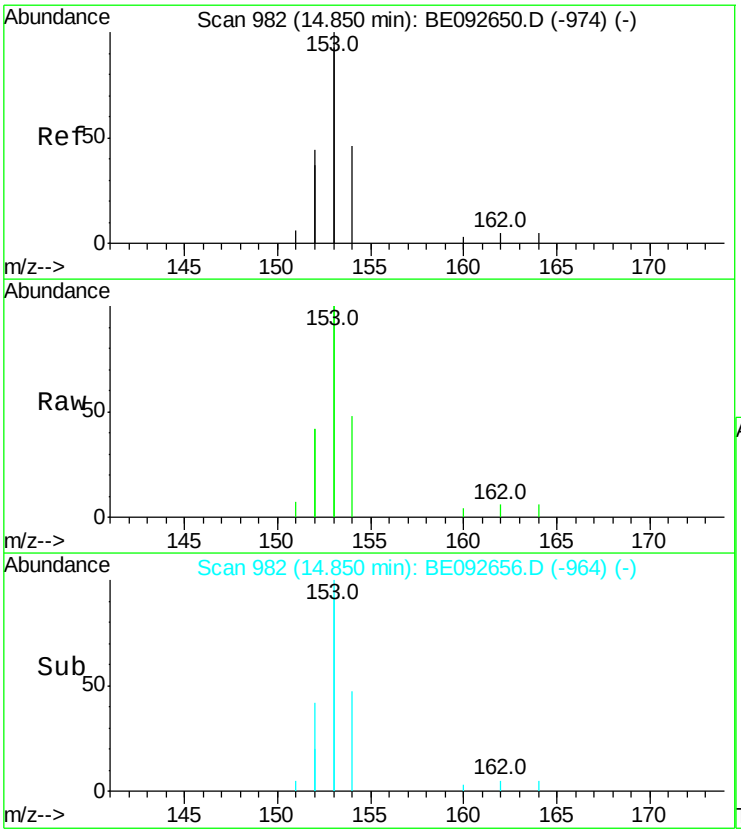
#15
Acenaphthylene
Concen: 0.36 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 15361

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.3	10.4	15.6

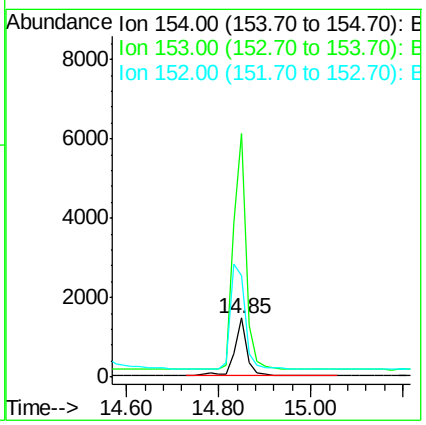


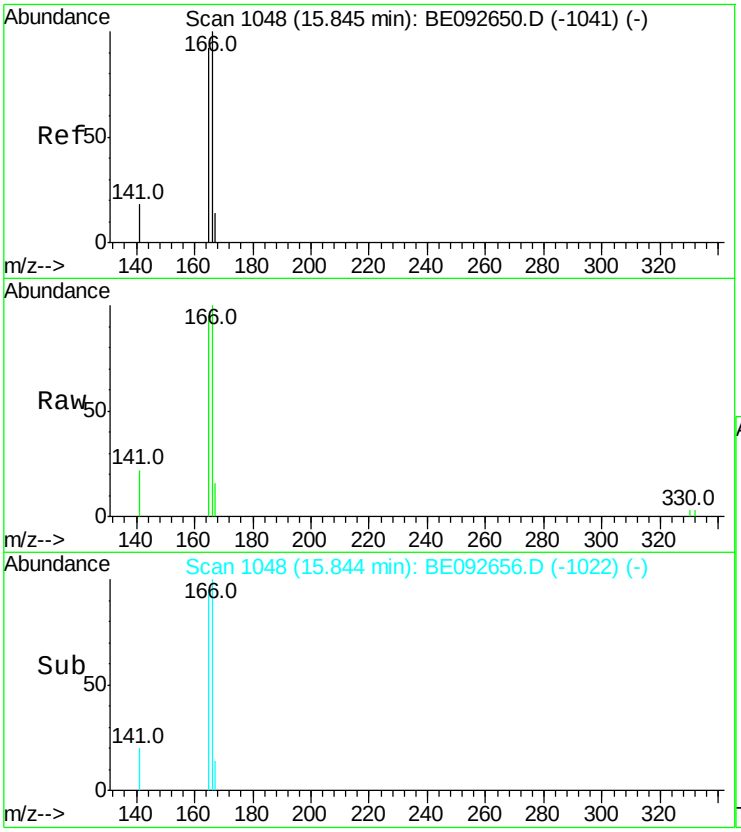


#16
Acenaphthene
Concen: 0.38 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:154 Resp: 2608

Ion	Ratio	Lower	Upper
154	100		
153	444.4	350.8	526.2
152	230.6	171.1	256.7



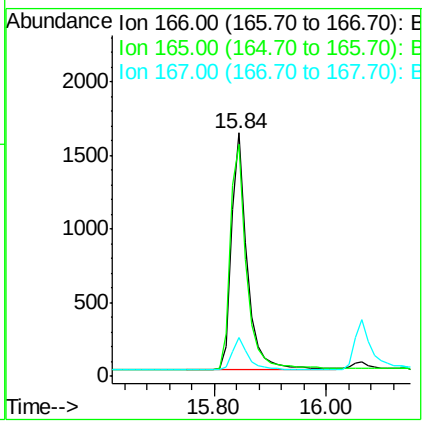


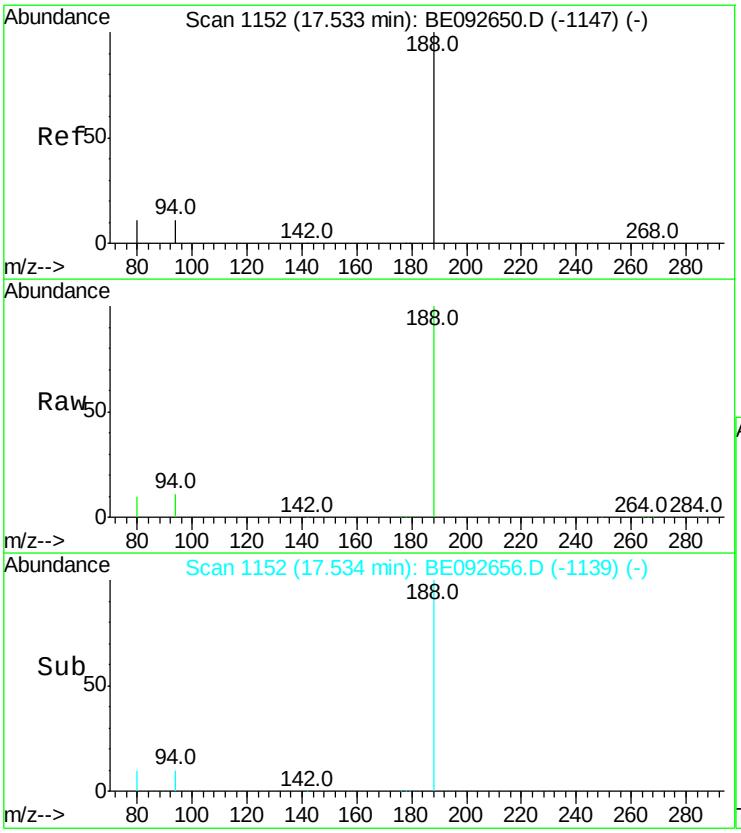
#17
Fluorene
Concen: 0.36 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3136

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.4
167	13.5	11.0	16.4

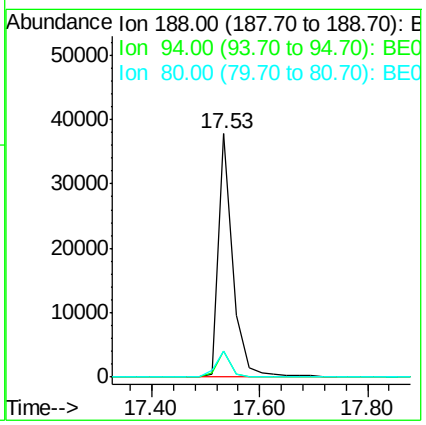


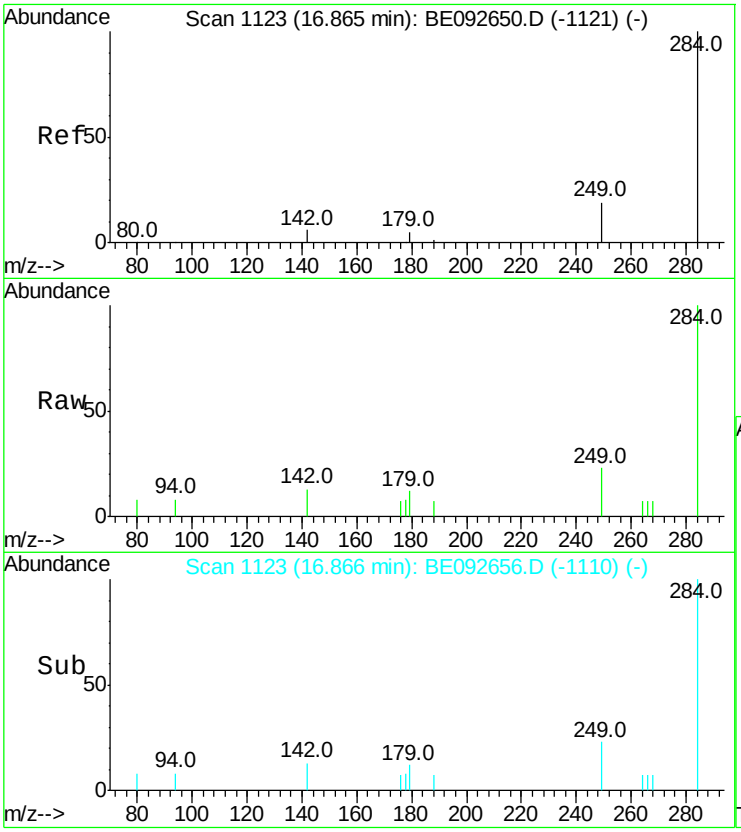


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:188 Resp: 70211

Ion	Ratio	Lower	Upper
188	100		
94	10.6	3.2	4.8#
80	10.5	2.6	3.8#



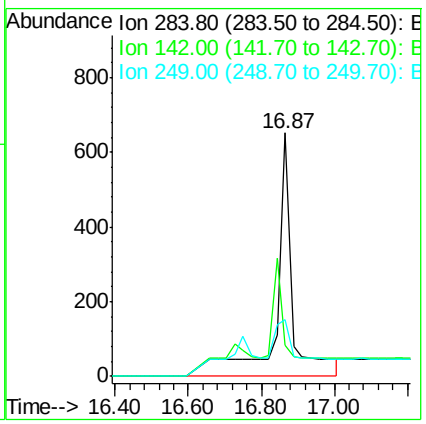


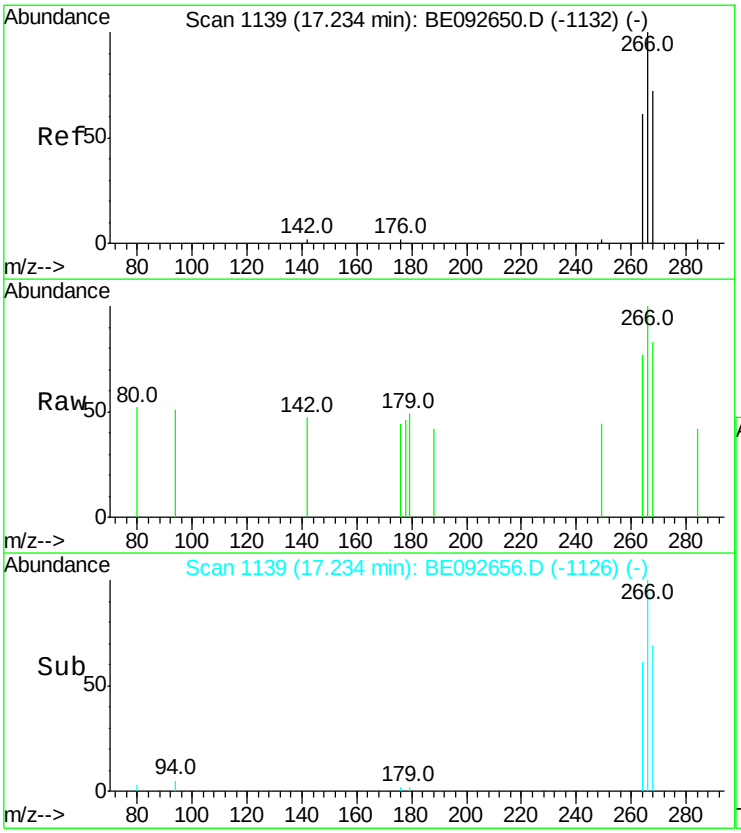
#19
Hexachlorobenzene
Concen: 0.88 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2190

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	18.8	27.9	41.9#

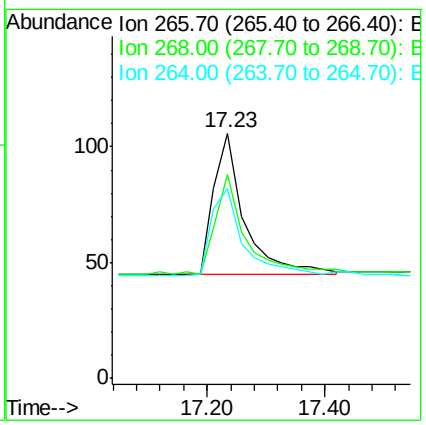


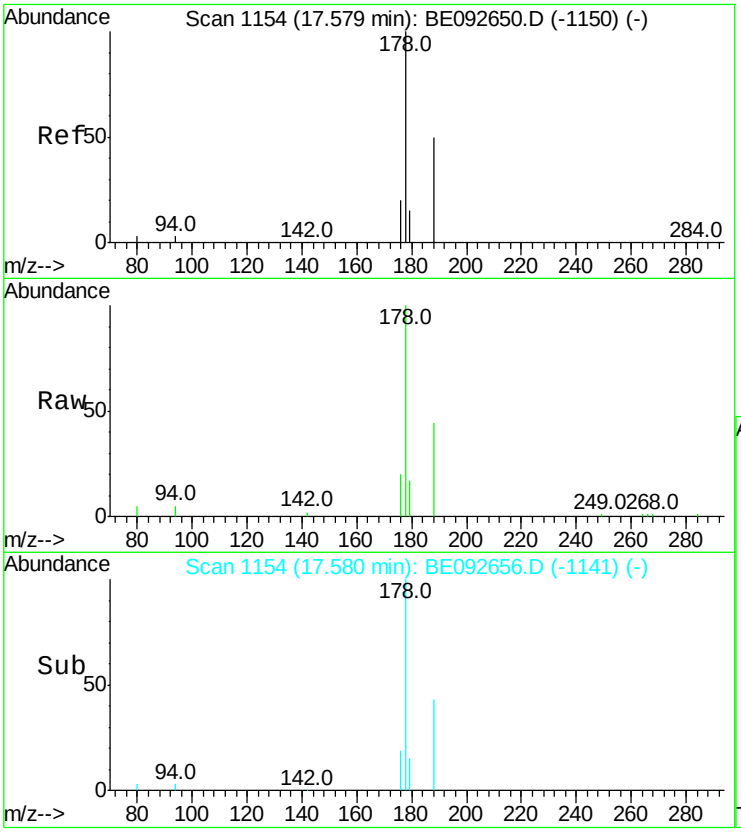


#20
Pentachlorophenol
Concen: 0.30 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:266 Resp: 217

Ion	Ratio	Lower	Upper
266	100		
268	83.0	62.5	93.7
264	77.4	57.2	85.8



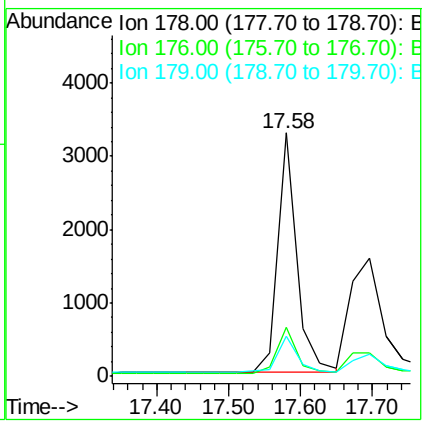


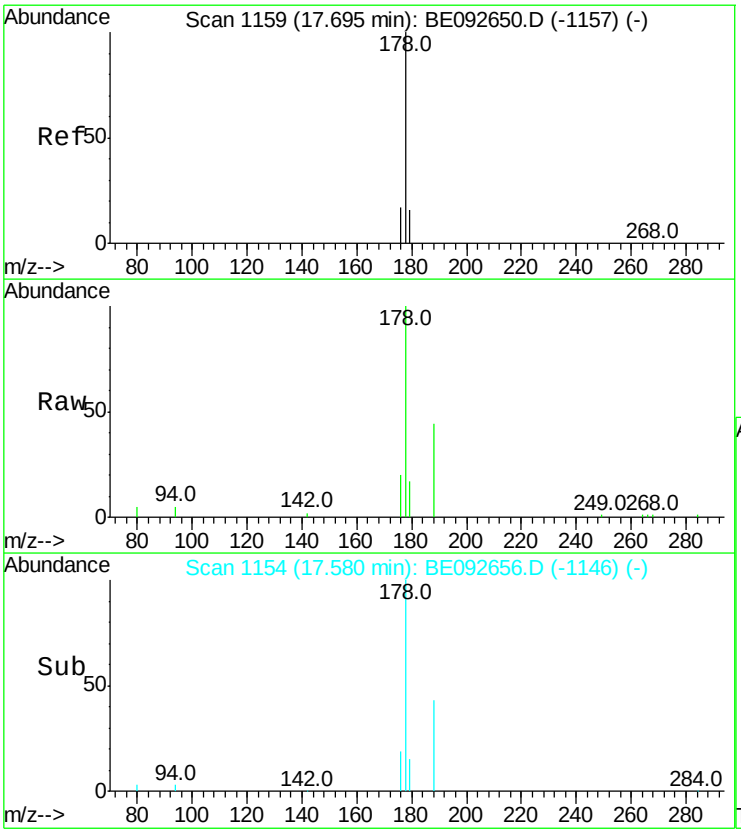
#21
Phenanthrene
Concen: 0.39 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6006

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.3	16.0	24.0

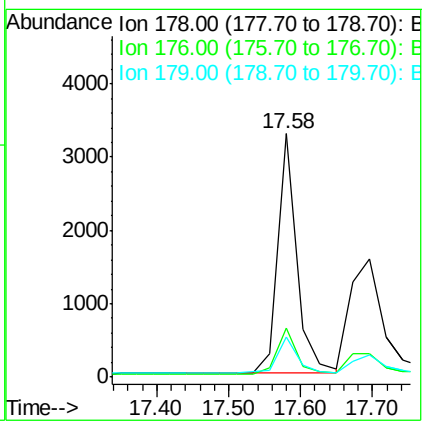


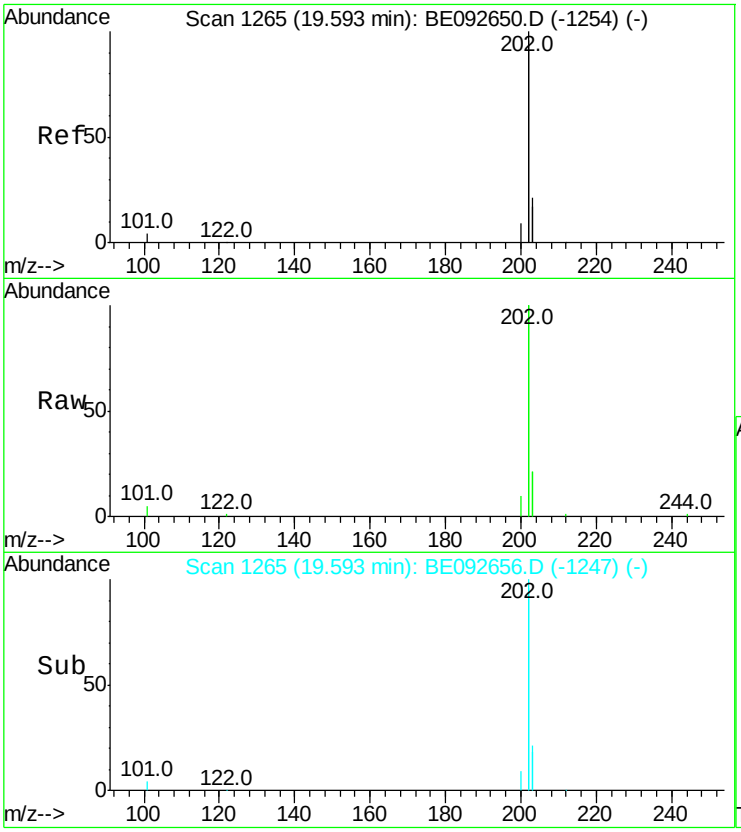


#22
Anthracene
Concen: 0.42 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.11 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:178 Resp: 6006

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	16.3	12.2	18.2



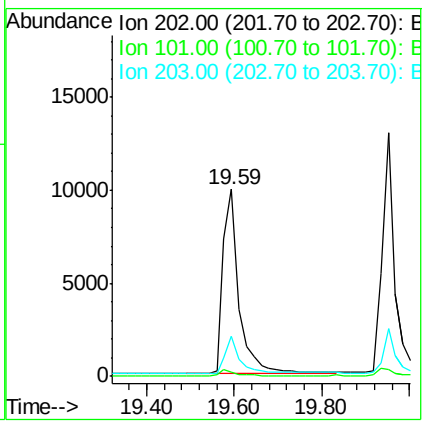


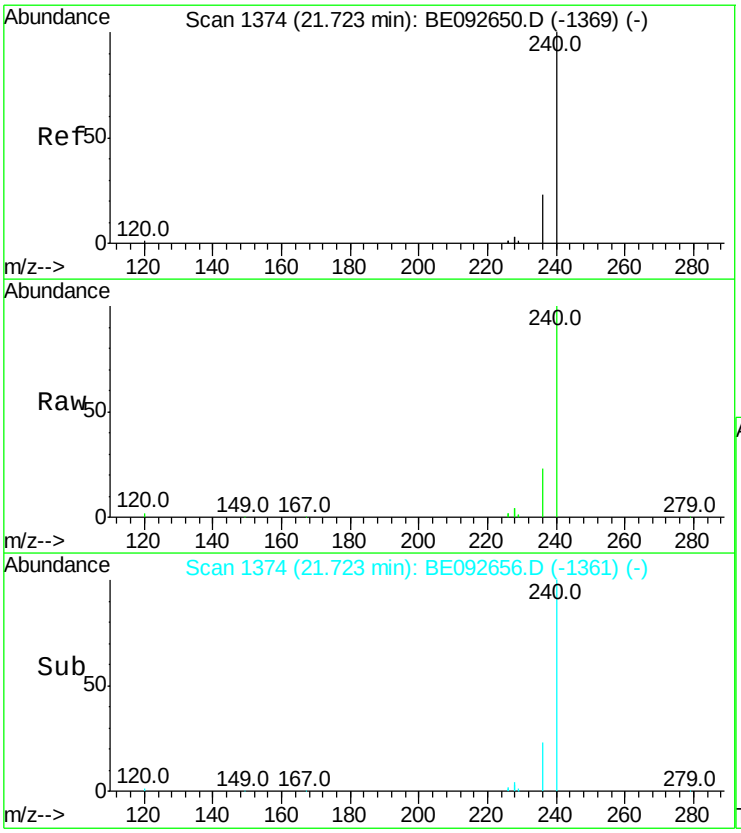
#23
Fluoranthene
Concen: 0.36 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 24868

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.4	13.7	20.5

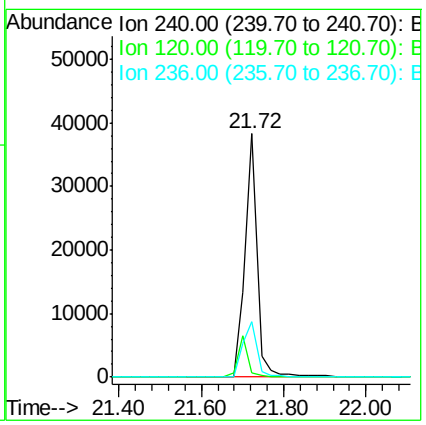


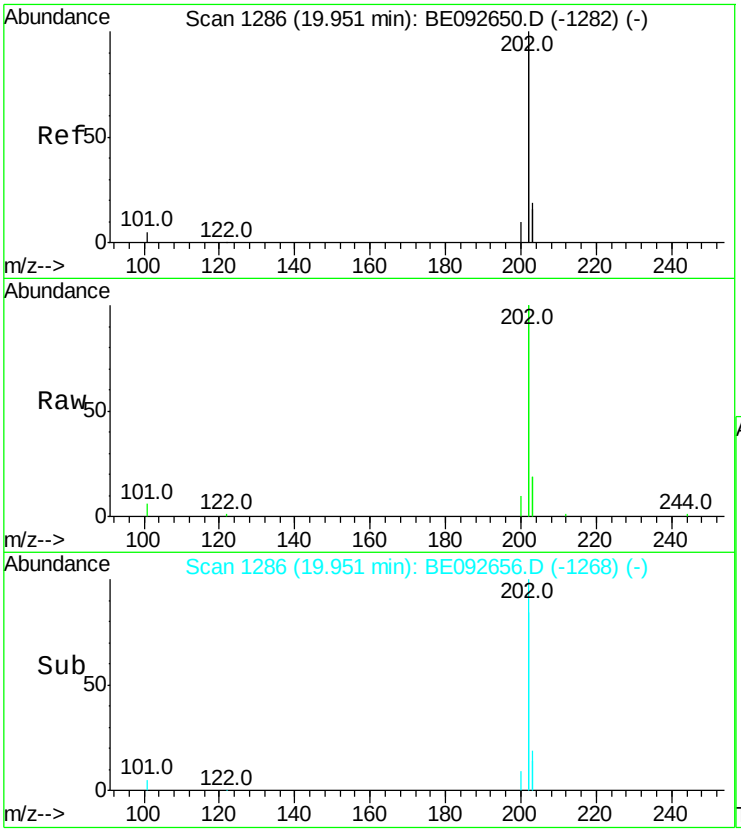


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:240 Resp: 78239

Ion	Ratio	Lower	Upper
240	100		
120	1.6	2.6	4.0#
236	22.8	24.6	37.0#



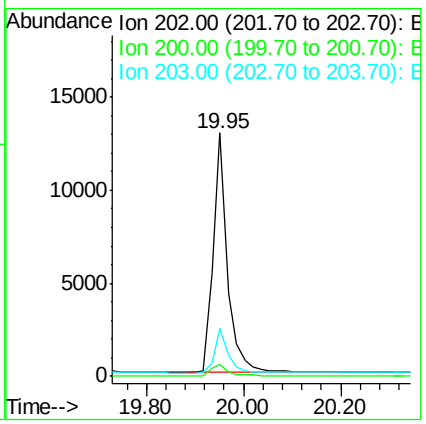


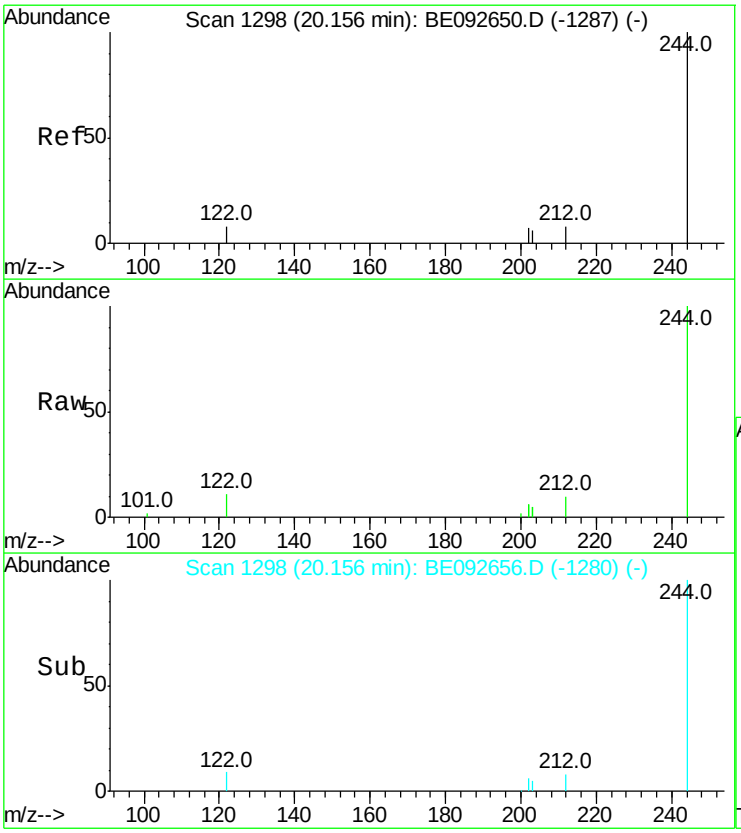
#25
Pyrene
Concen: 0.34 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 26121

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.4	13.9	20.9

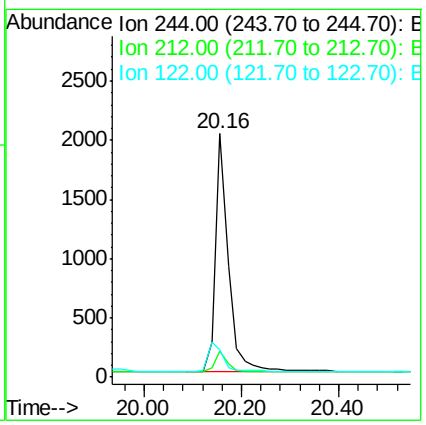


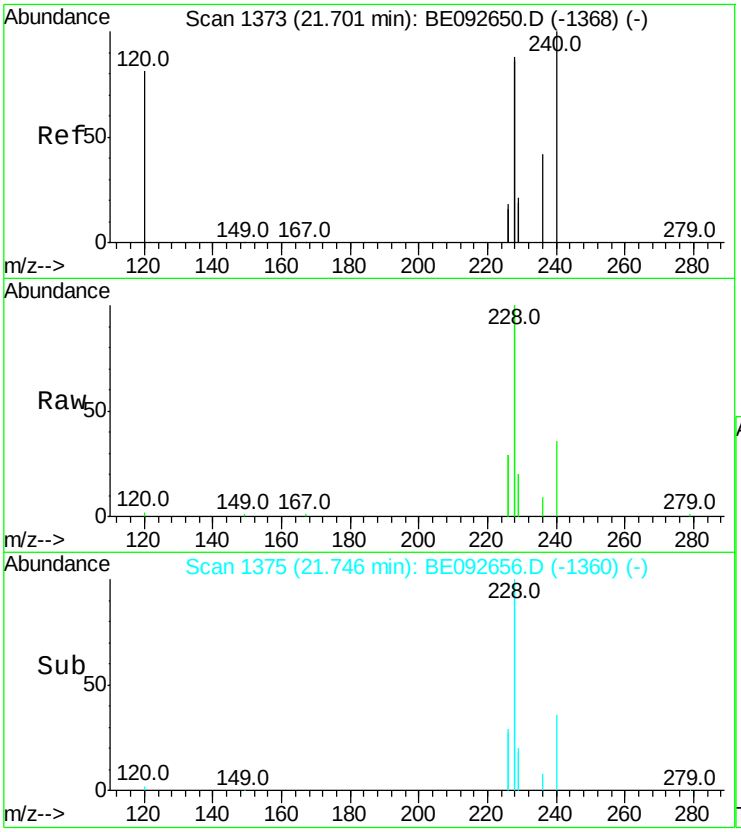


#26
Terphenyl-d14
Concen: 0.34 ng
RT: 20.16 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:244 Resp: 3728

Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.7	10.1#
122	10.9	3.6	5.4#



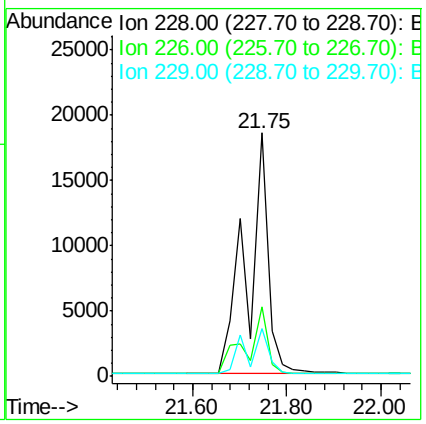


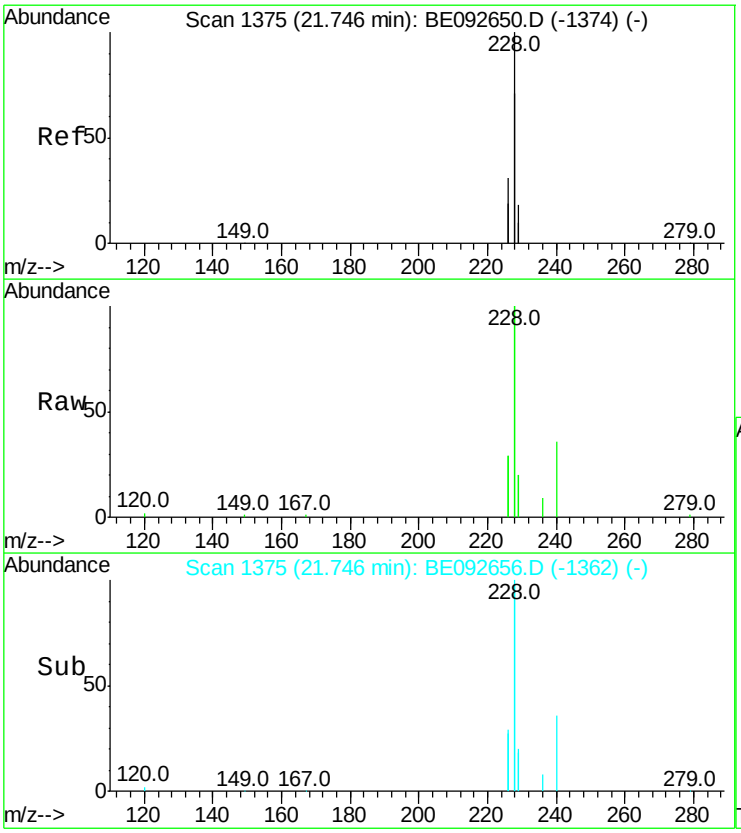
#27
Benzo(a)anthracene
Concen: 0.74 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.05 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 57366

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.6	35.4
229	19.7	13.3	19.9

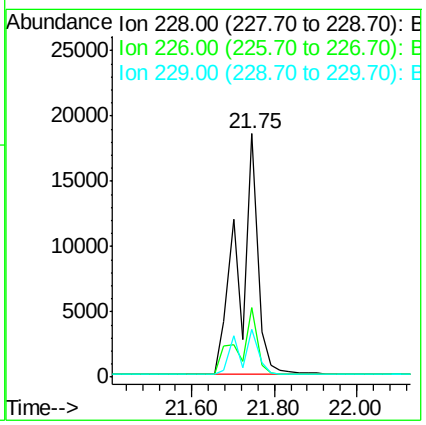


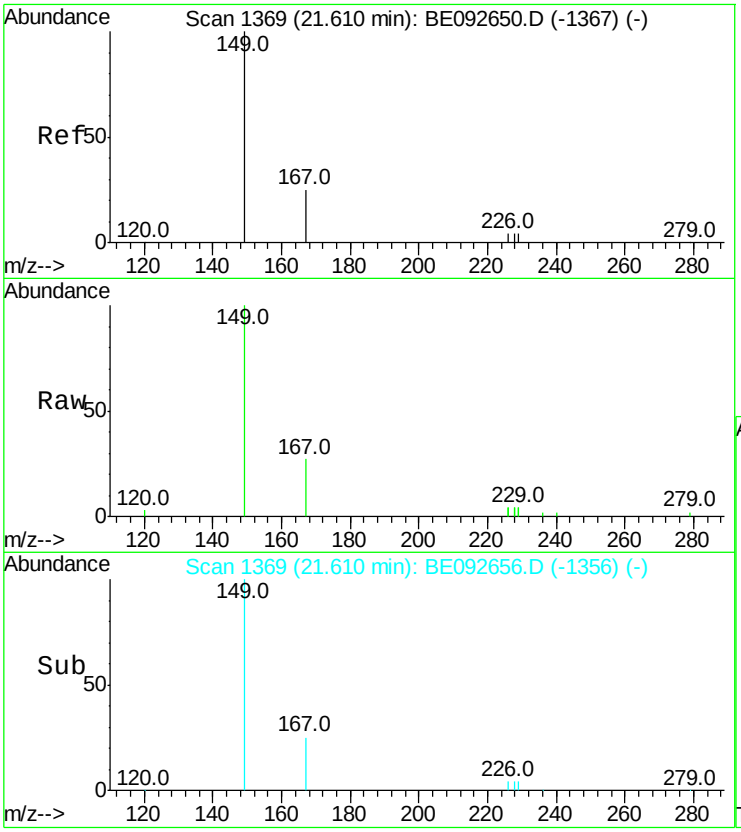


#28
Chrysene
Concen: 0.66 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:228 Resp: 57606

Ion	Ratio	Lower	Upper
228	100		
226	28.8	36.3	54.5#
229	19.7	10.6	16.0#



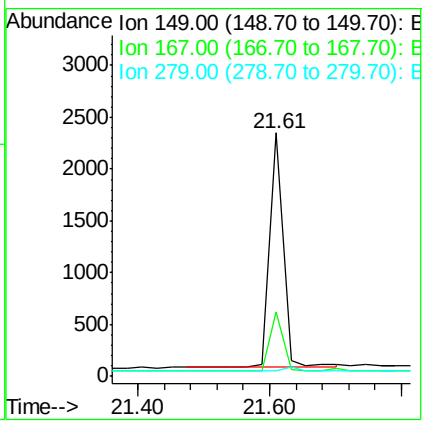


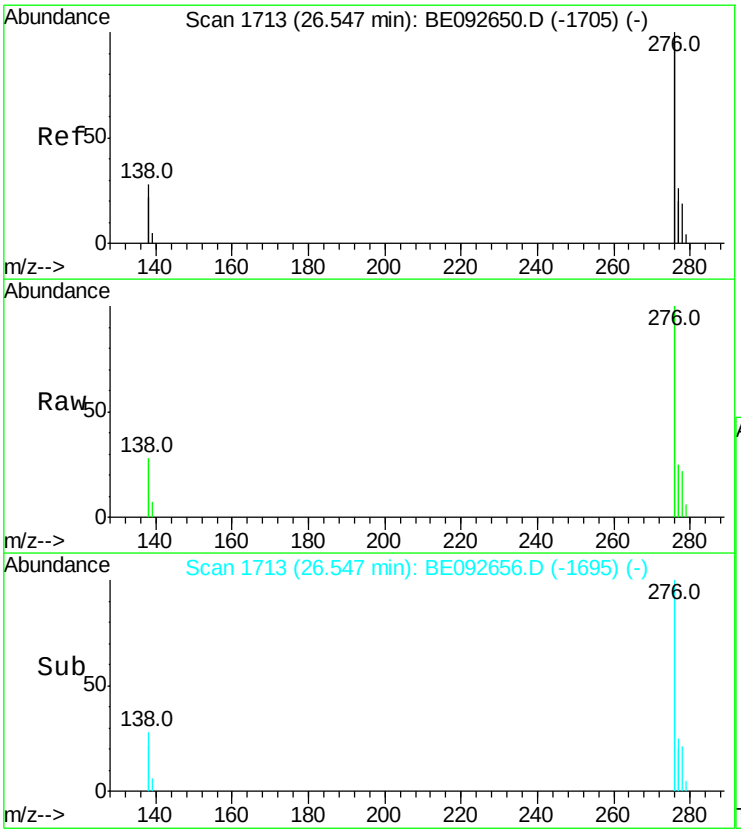
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.42 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3357

Ion	Ratio	Lower	Upper
149	100		
167	24.6	16.0	24.0#
279	0.0	16.0	24.0#

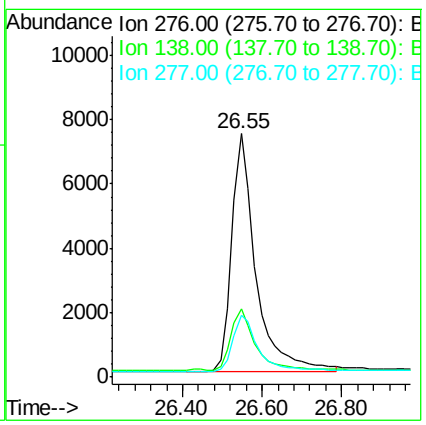


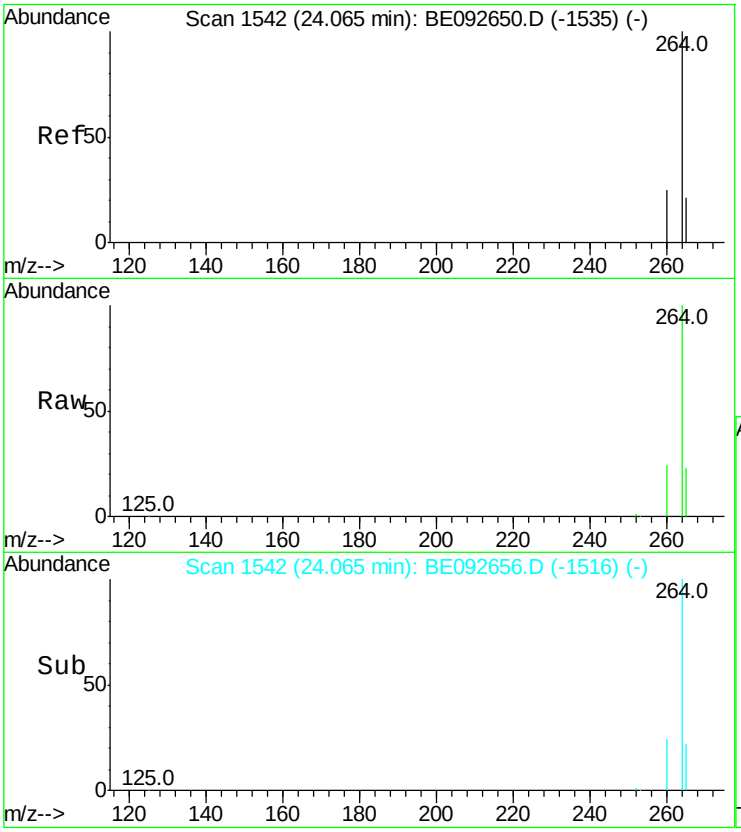


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 26.55 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:276 Resp: 30864

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.3	30.5
277	24.5	19.7	29.5



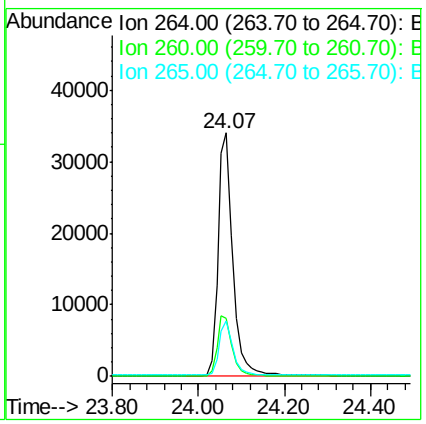


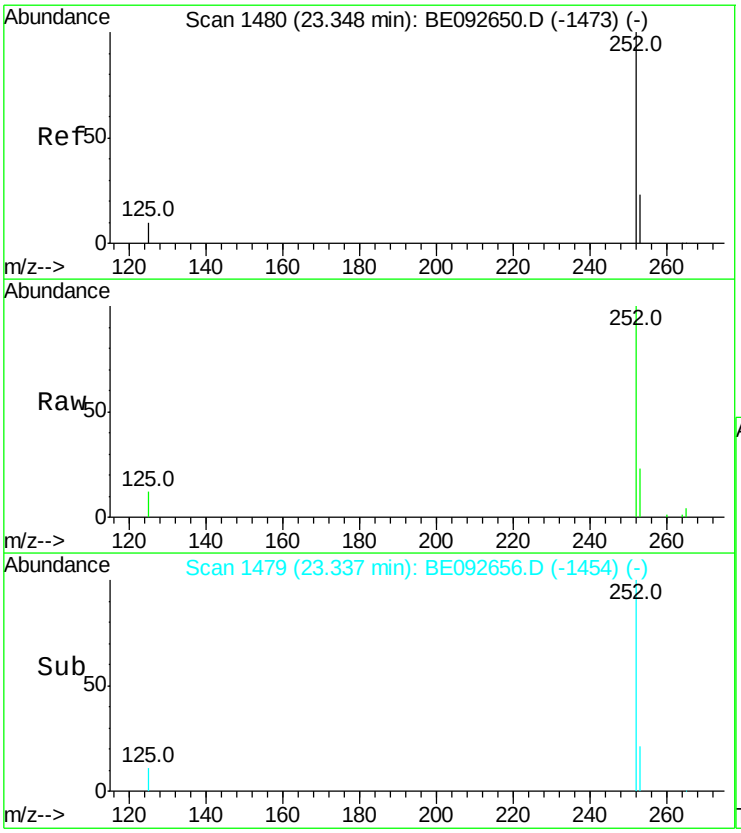
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.07 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 82109

Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.1	30.1
265	22.6	17.9	26.9

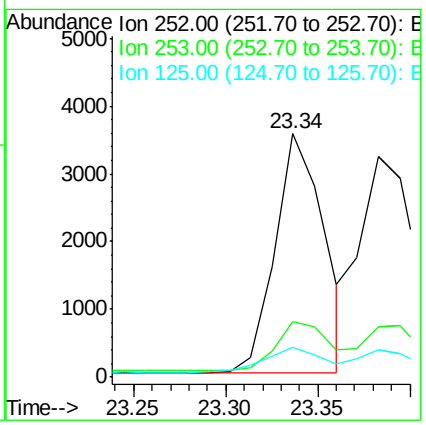


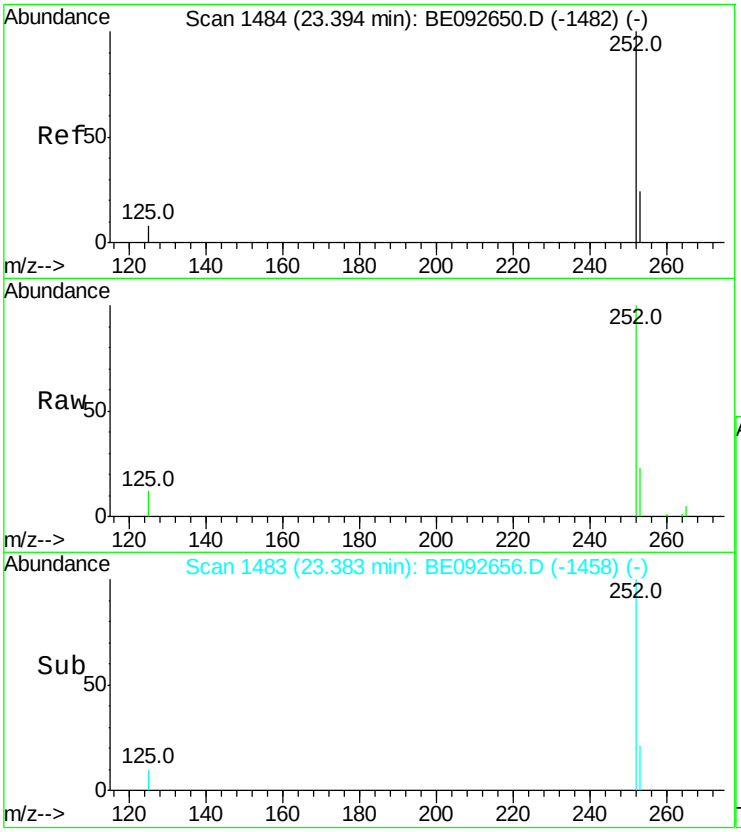


#32
Benzo(b)fluoranthene
Concen: 0.33 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:252 Resp: 6530

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	12.5	10.5	15.7



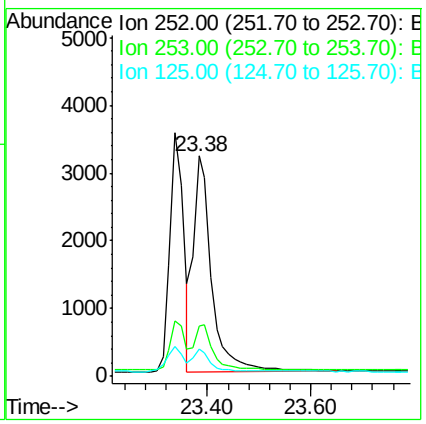


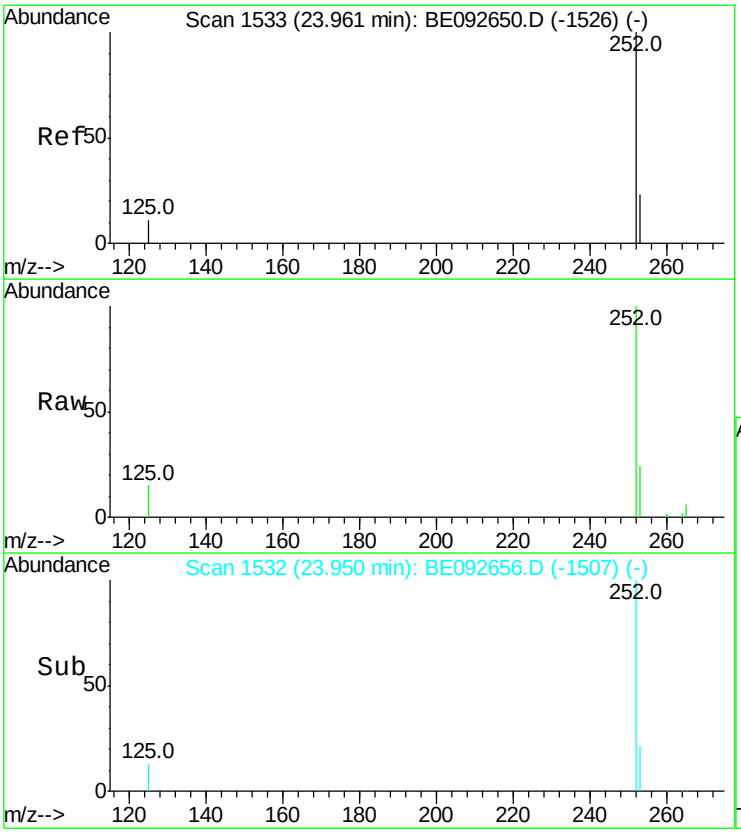
#33
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 7735

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	12.4	9.6	14.4

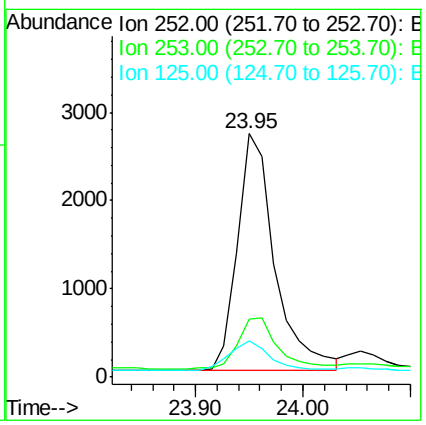


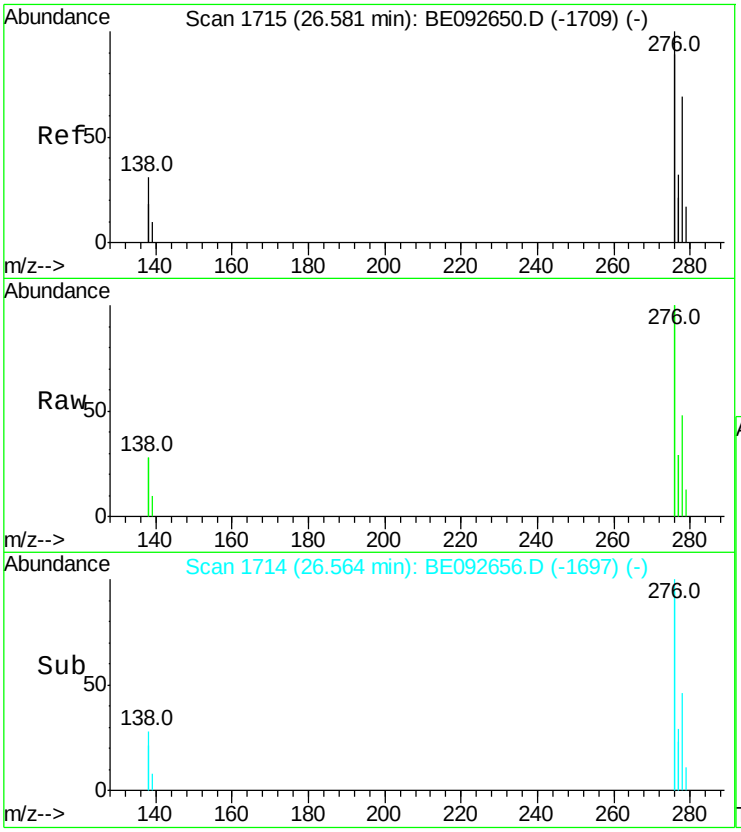


#34
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.95 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:252 Resp: 6518

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.0	28.6
125	14.8	11.8	17.8



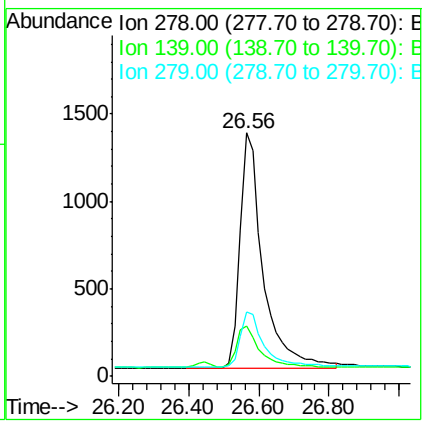


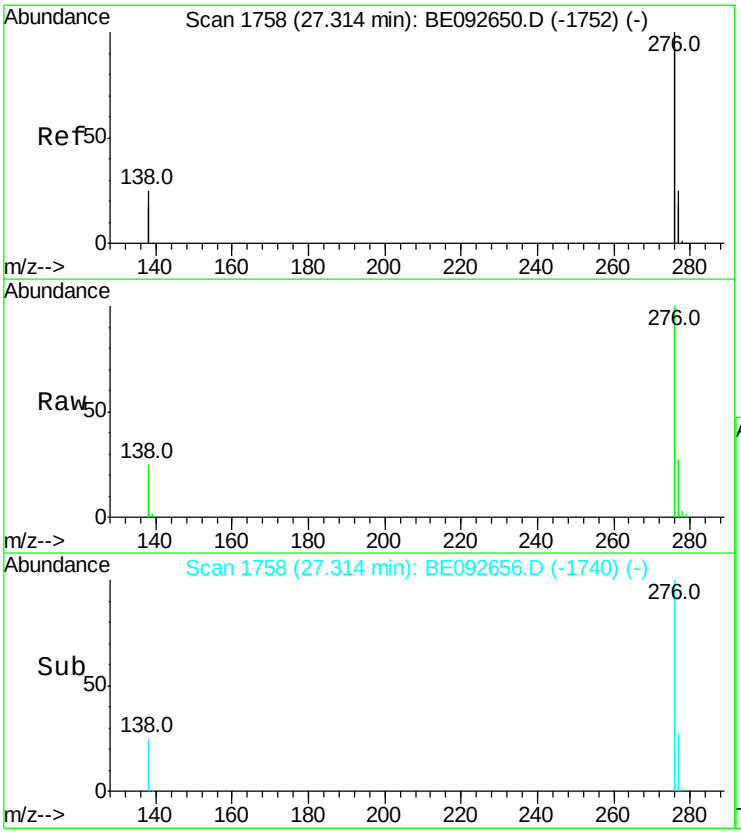
#35
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 6203

Ion	Ratio	Lower	Upper
278	100		
139	20.8	13.8	20.8#
279	26.3	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.31 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BE092656.D
Acq: 16 Jan 2017 17:42

Tgt Ion:276 Resp: 26702

Ion	Ratio	Lower	Upper
276	100		
277	27.3	19.8	29.8
138	24.6	19.8	29.6