Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092637.D
Acq On : 11 Jan 2017 11:59
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jan 11 16:27:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8445	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	40805	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	29573	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	65161	5.00	ng		0.00
24) Chrysene-d12	21.72	240	82688	5.00	ng		0.00
31) Perylene-d12	24.06	264	74368	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	398	0.39	ng		0.00
5) Phenol-d6	7.38	99	616	0.41	ng		0.00
8) Nitrobenzene-d5	9.20	82	100	0.21	ng		-0.16
13) 2,4,6-Tribromophenol	16.31	330	194	0.40	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2555	0.36	ng		0.00
26) Terphenyl-d14	20.17	244	3665	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	538	0.40	ng		88
3) n-Nitrosodimethylamine	3.80	42	332	0.42	ng	#	93
6) bis(2-Chloroethyl)ether	7.59	93	626	0.36	ng	#	79
9) Naphthalene	10.97	128	3219	0.38	ng		97
10) Hexachlorobutadiene	11.26	225	482	0.38	ng		99
11) 2-Methylnaphthalene	12.64	142	1902	0.36	ng		98
15) Acenaphthylene	14.51	152	14339	0.35	ng		100
16) Acenaphthene	14.85	154	2435	0.36	ng		96
17) Fluorene	15.86	166	3006	0.36	ng		99
19) Hexachlorobenzene	16.87	284	2148	0.77	ng	#	56
20) Pentachlorophenol	17.23	266	134	0.37	ng	#	88
21) Phenanthrene	17.58	178	5860	0.36	ng	#	95
22) Anthracene	17.70	178	5016	0.33	ng		99
23) Fluoranthene	19.59	202	24152	0.34	ng		99
25) Pyrene	19.95	202	25369	0.35	ng		100
27) Benzo(a)anthracene	21.75	228	58104	0.78	ng		97
28) Chrysene	21.75	228	58376	0.68	ng	#	82
29) Bis(2-ethylhexyl)phthalate	21.61	149	2444	0.39	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.56	276	25529	0.33	ng		99
32) Benzo(b)fluoranthene	23.35	252	5949	0.35	ng		98
33) Benzo(k)fluoranthene	23.39	252	6853	0.36	ng		97
34) Benzo(a)pyrene	23.96	252	5603	0.34	ng		99
35) Dibenzo(a,h)anthracene	26.58	278	5026	0.32	ng	#	95
36) Benzo(g,h,i)perylene	27.33	276	22901	0.34	ng		97

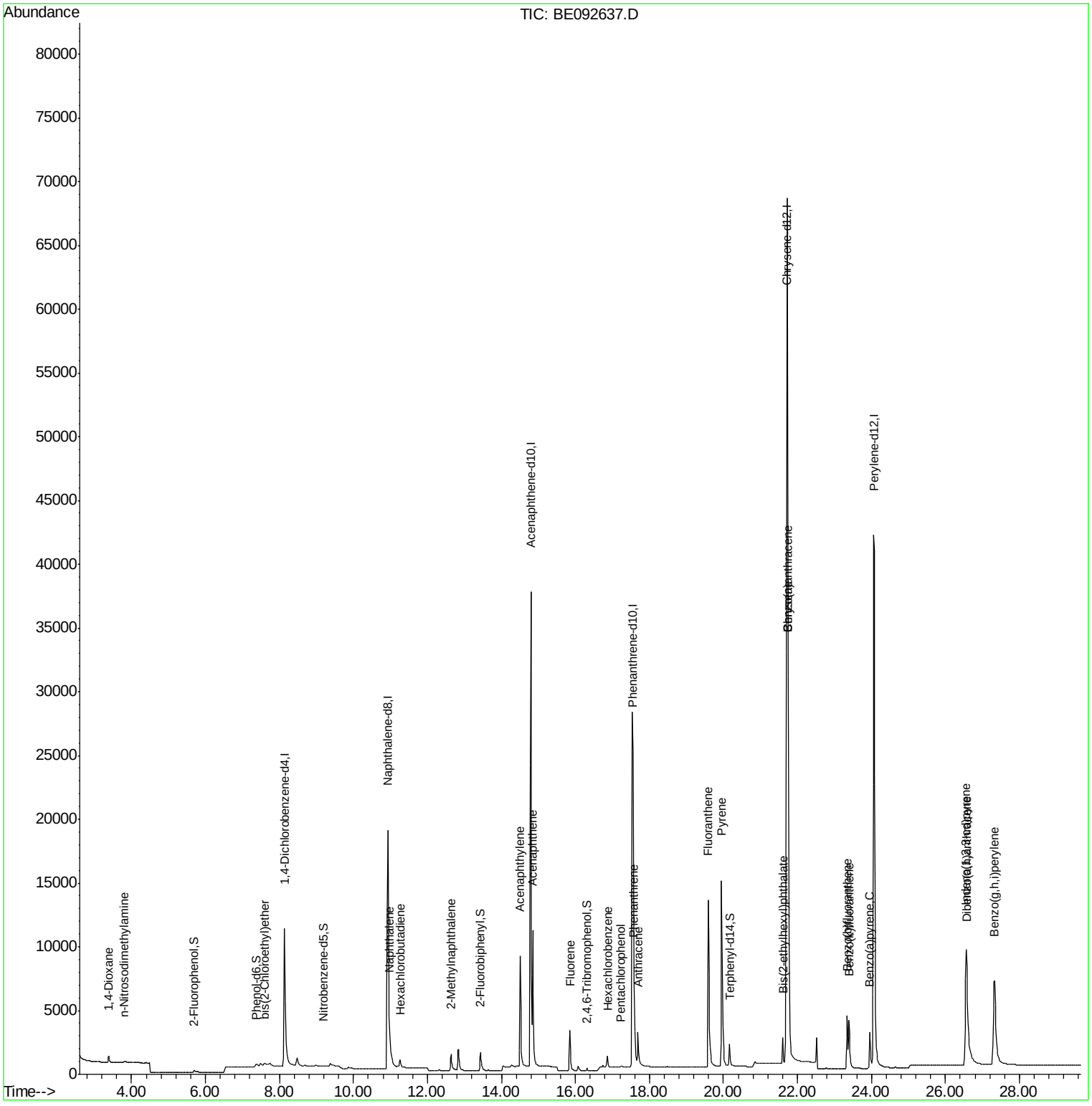
(#) = qualifier out of range (m) = manual integration (+) = signals summed

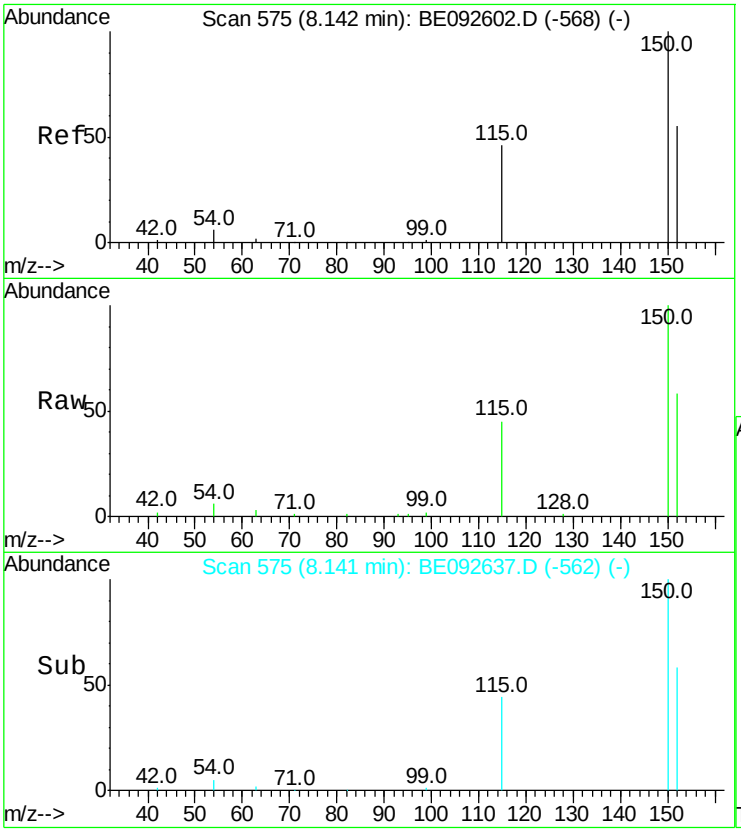
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE011117\
Data File : BE092637.D
Acq On : 11 Jan 2017 11:59
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jan 11 16:27:03 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



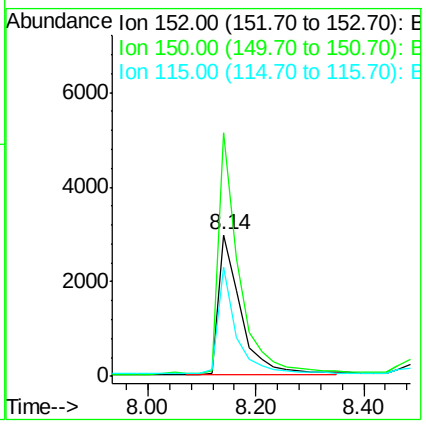


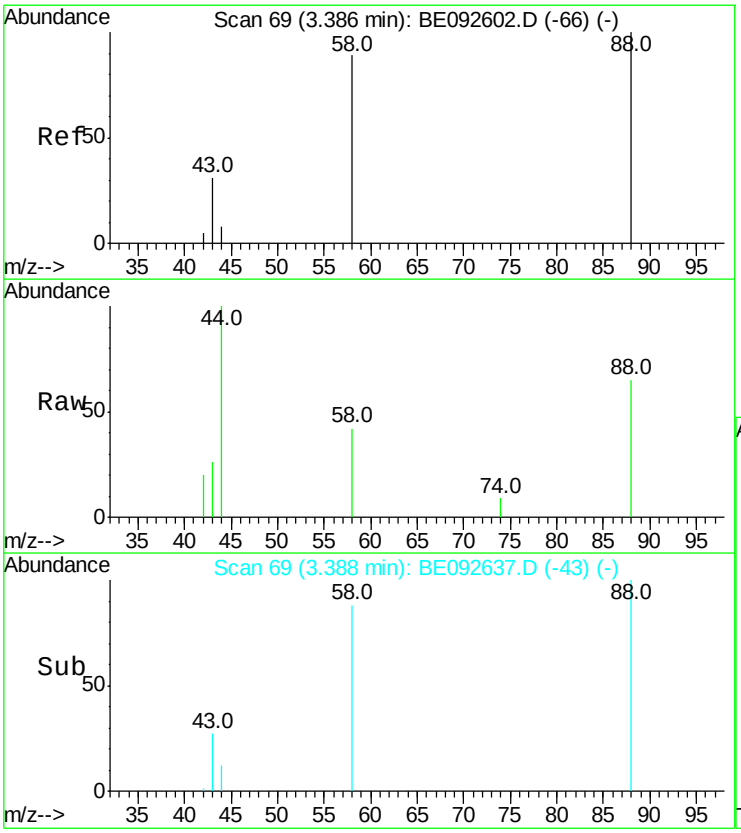
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 8445

Ion	Ratio	Lower	Upper
152	100		
150	172.0	106.0	159.0#
115	77.3	31.2	46.8#

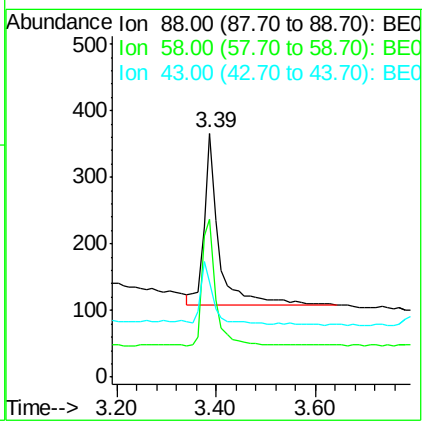


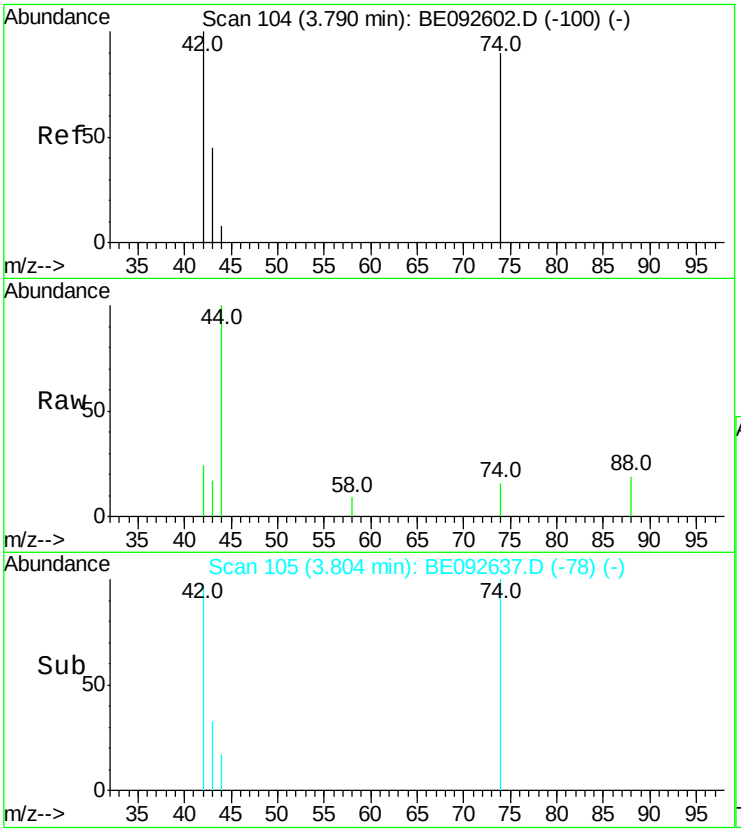


#2
1,4-Dioxane
Concen: 0.40 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion: 88 Resp: 538

Ion	Ratio	Lower	Upper
88	100		
58	67.8	63.6	95.4
43	29.4	28.0	42.0



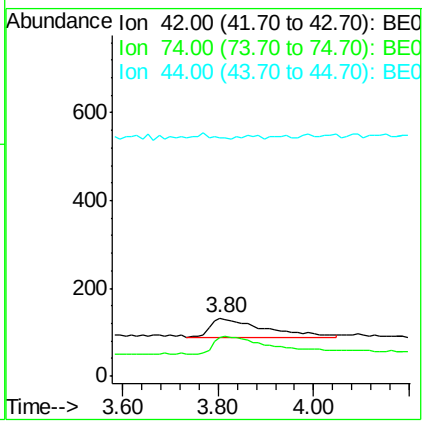


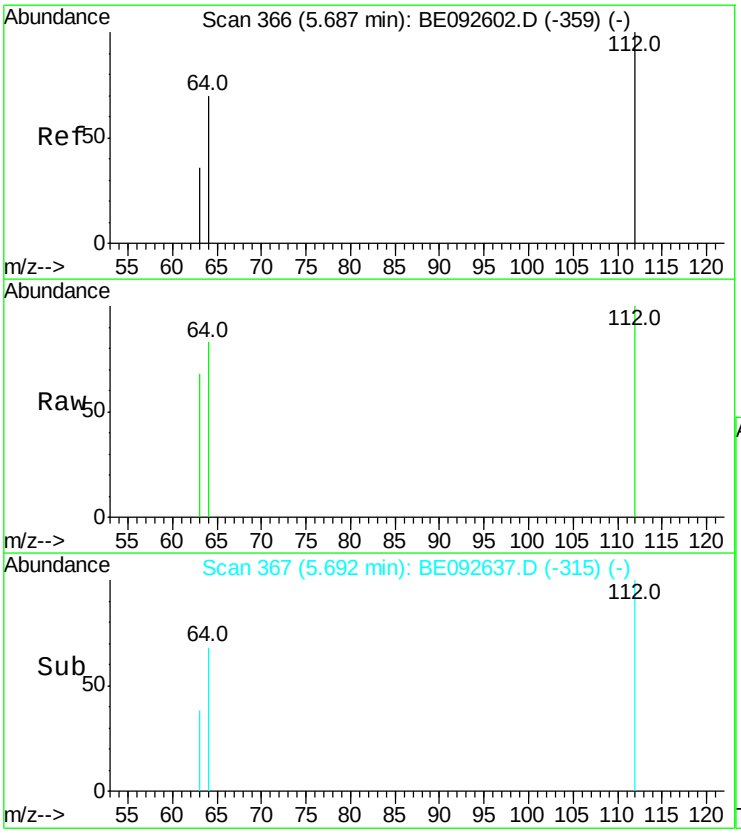
#3
n-Nitrosodimethylamine
Concen: 0.42 ng
RT: 3.80 min Scan# 105
Delta R.T. 0.01 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 332

Ion	Ratio	Lower	Upper
42	100		
74	100.9	86.0	129.0
44	0.0	5.1	7.7#

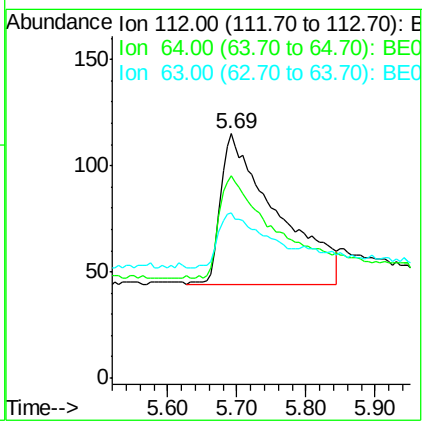


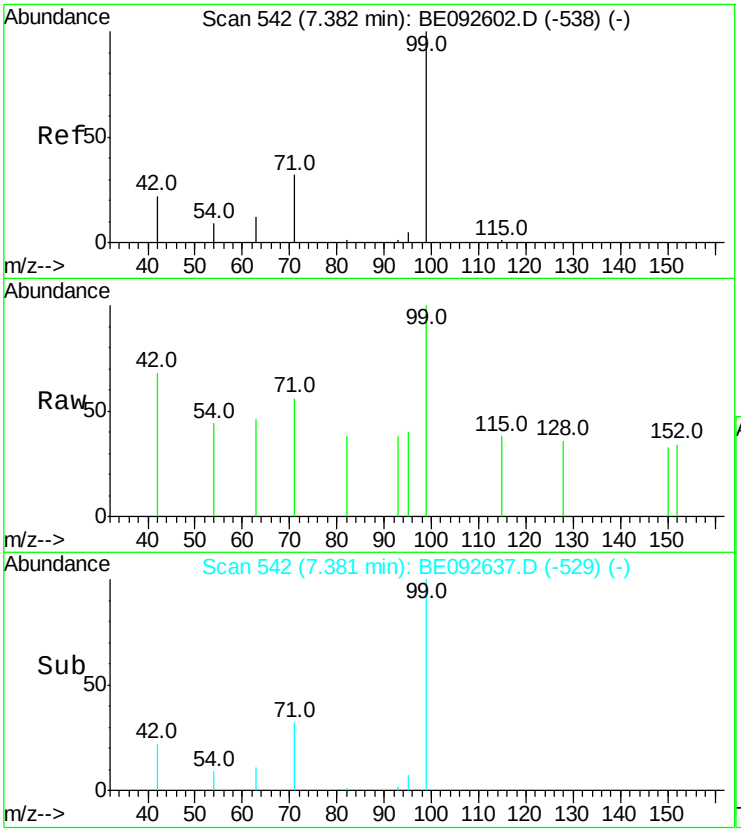


#4
2-Fluorophenol
Concen: 0.39 ng
RT: 5.69 min Scan# 367
Delta R.T. 0.01 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:112 Resp: 398

Ion	Ratio	Lower	Upper
112	100		
64	75.9	53.5	80.3
63	30.2	27.9	41.9



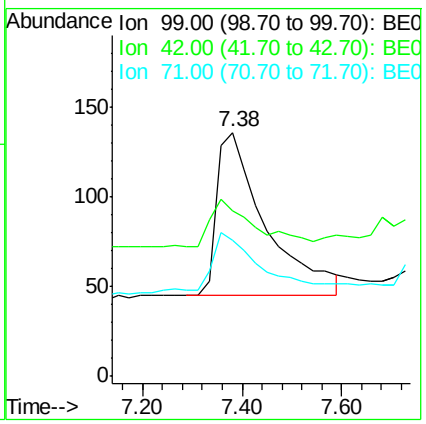


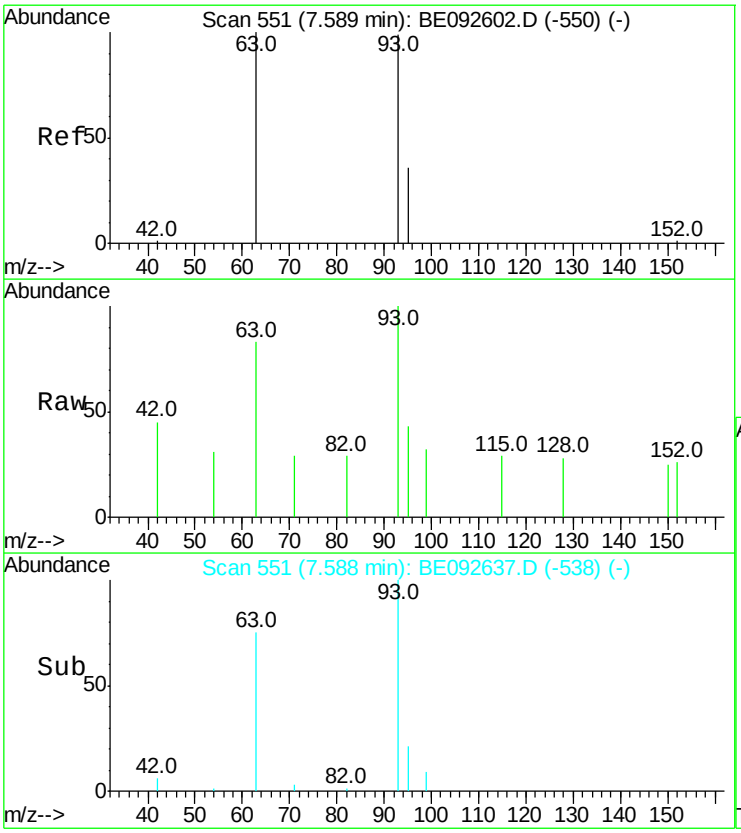
#5
Phenol-d6
Concen: 0.41 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 616

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

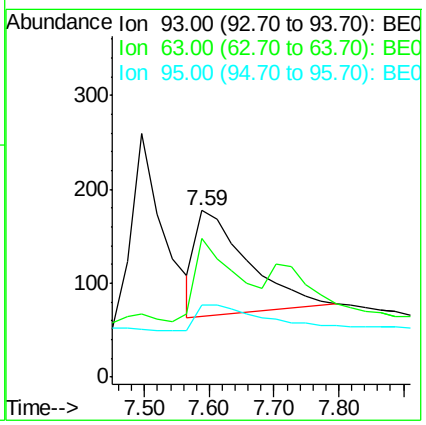


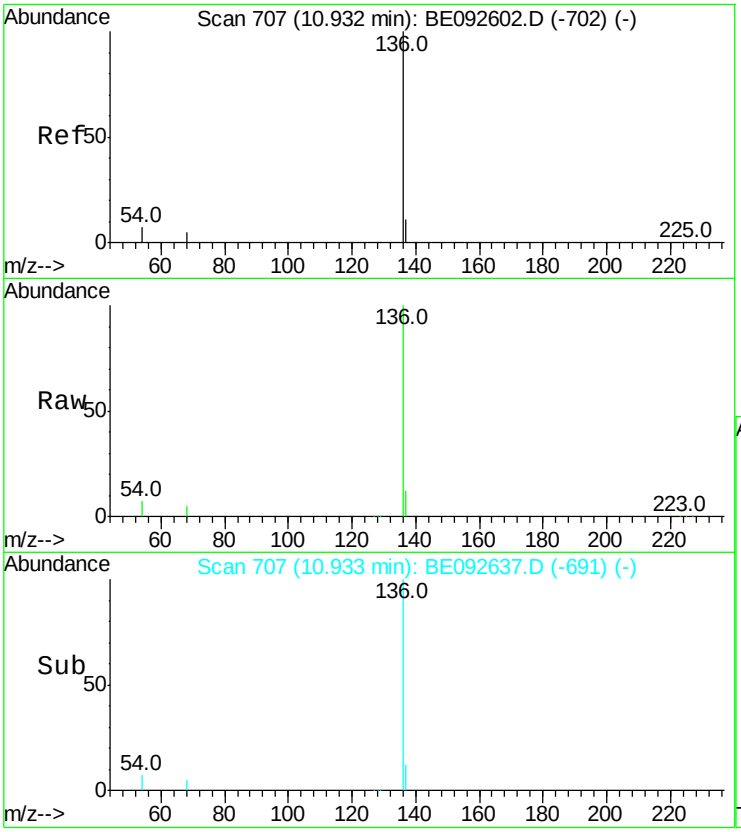


#6
bis(2-Chloroethyl)ether
Concen: 0.36 ng
RT: 7.59 min Scan# 551
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion: 93 Resp: 626

Ion	Ratio	Lower	Upper
93	100		
63	64.7	71.6	107.4#
95	31.9	24.0	36.0



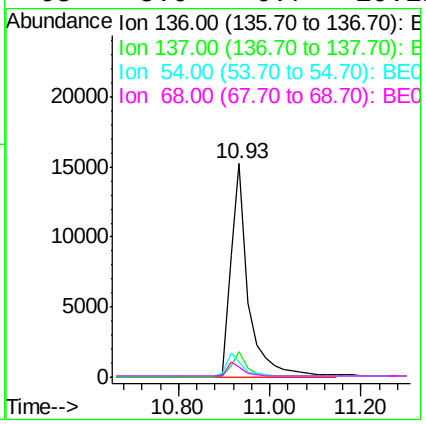


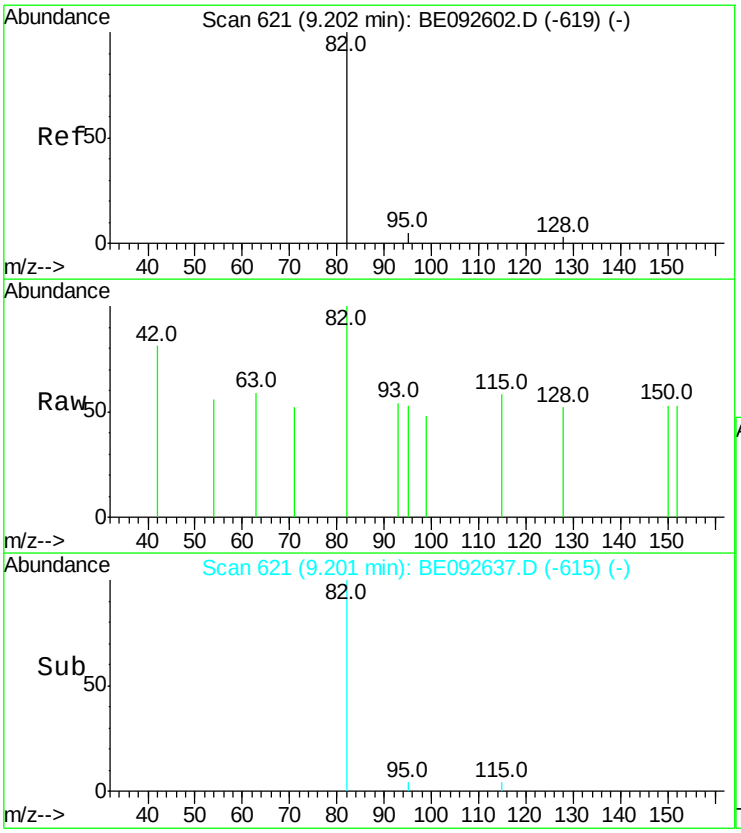
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 40805

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	7.1	9.6	14.4#
68	5.0	6.7	10.1#

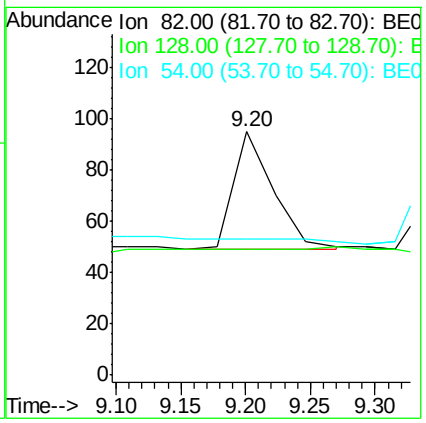


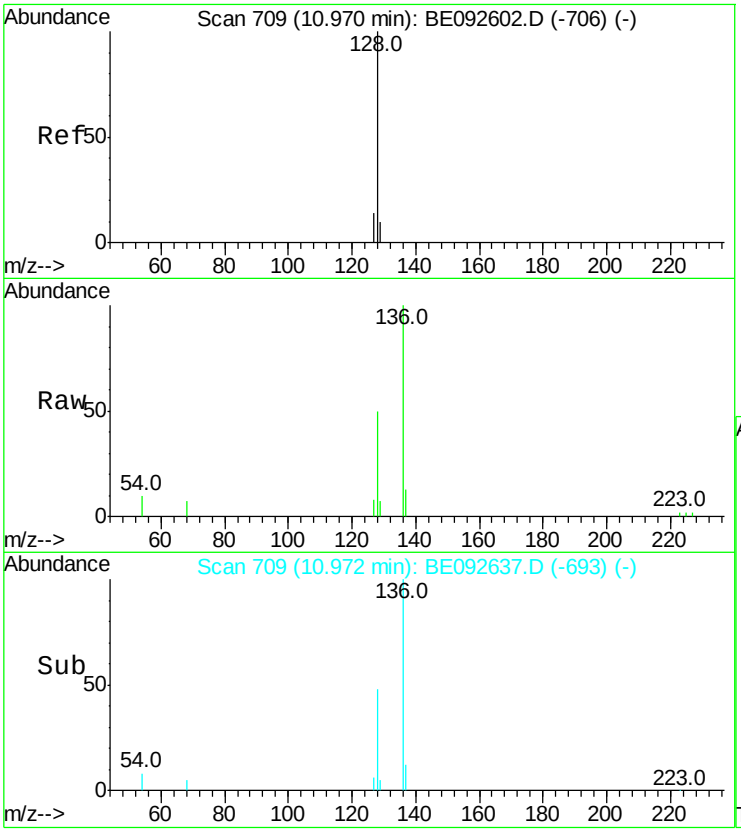


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.20 min Scan# 621
Delta R.T. -0.16 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion: 82 Resp: 100

Ion	Ratio	Lower	Upper
82	100		
128	51.6	39.0	58.4
54	55.8	44.8	67.2



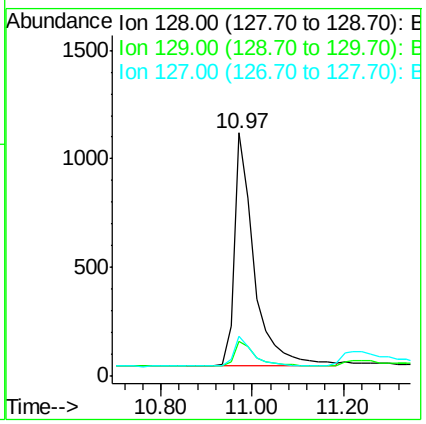


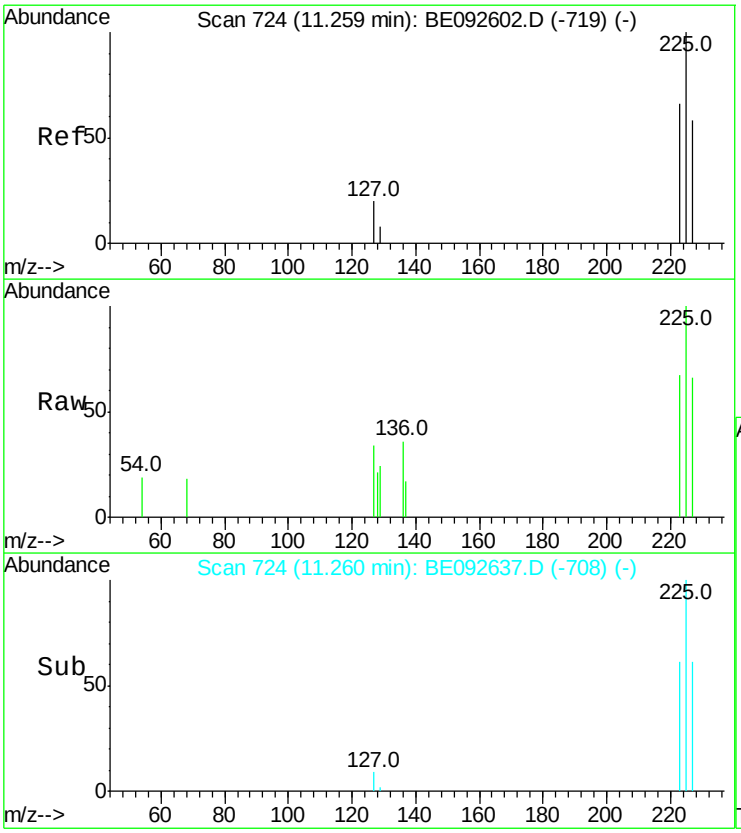
#9
Naphthalene
Concen: 0.38 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3219

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.2	16.8
127	16.7	11.6	17.4

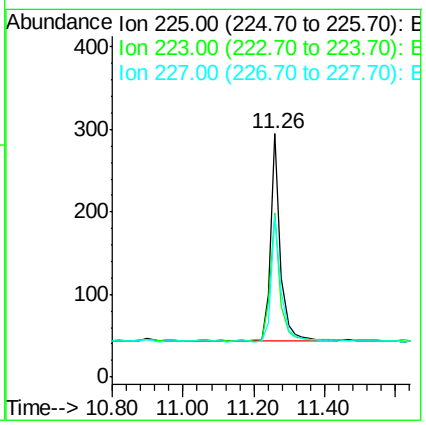


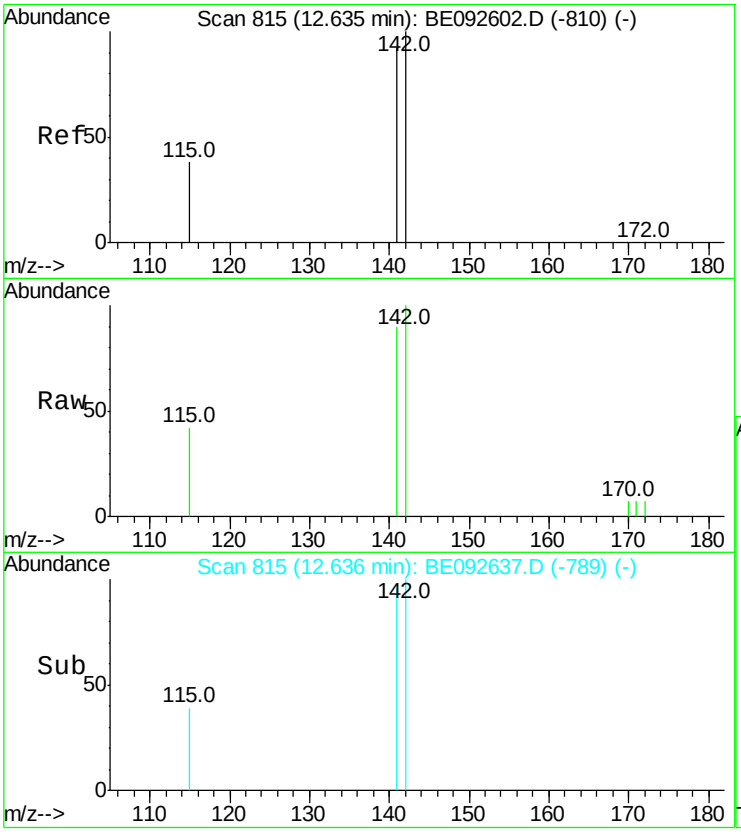


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:225 Resp: 482

Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.6	76.0
227	63.9	51.4	77.0



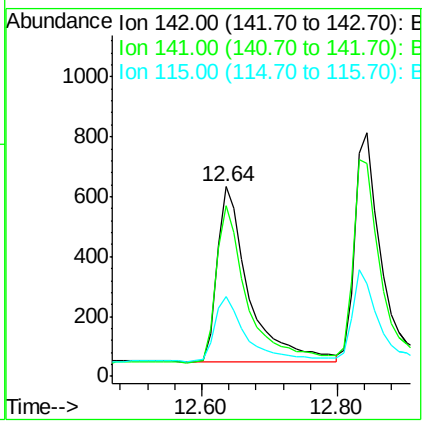


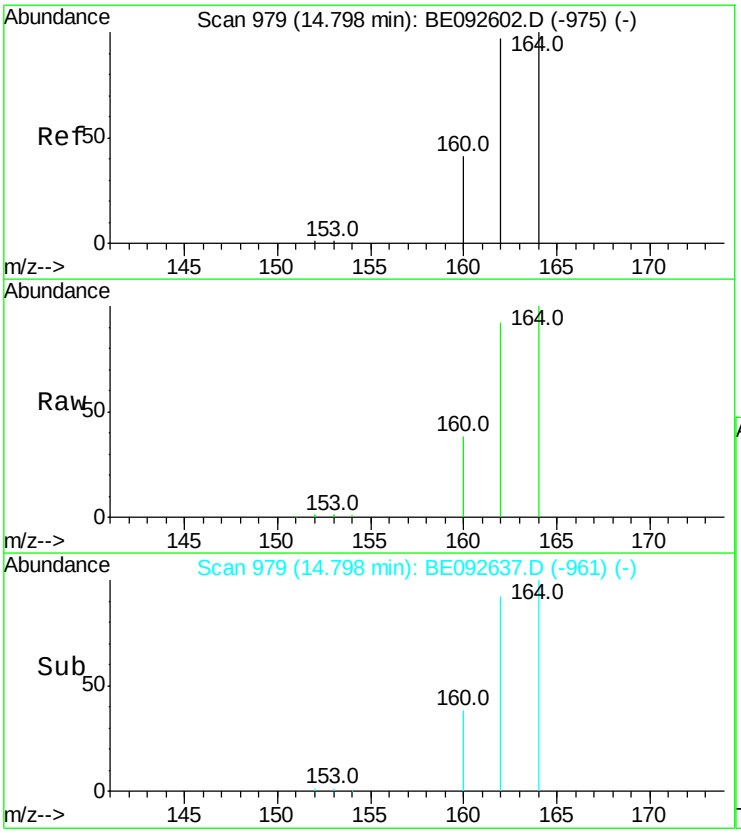
#11
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.64 min Scan# 815
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 1902

Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.7	110.5
115	41.9	34.0	51.0

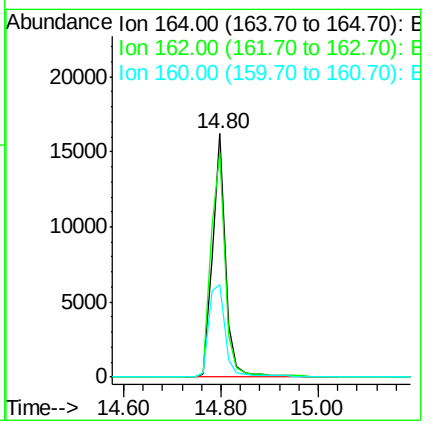


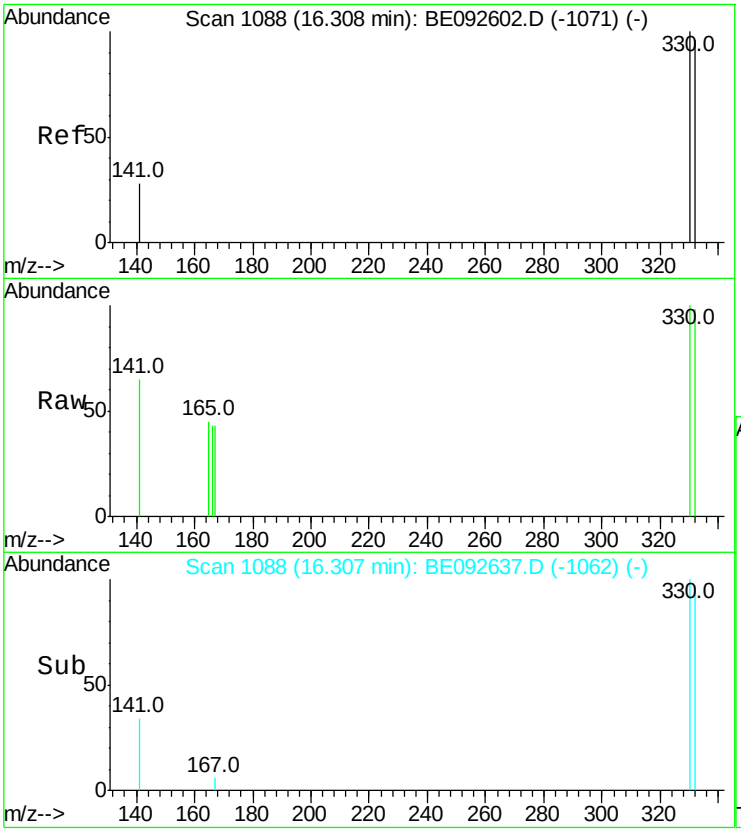


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:164 Resp: 29573

Ion	Ratio	Lower	Upper
164	100		
162	92.3	71.4	107.0
160	37.9	27.4	41.2



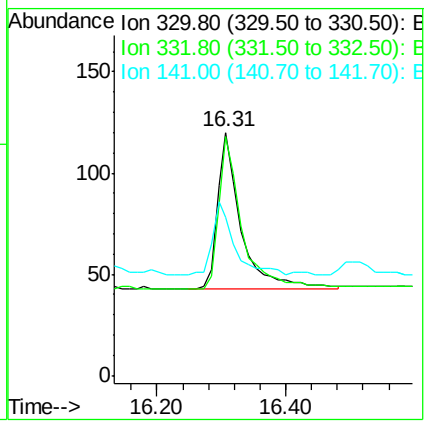


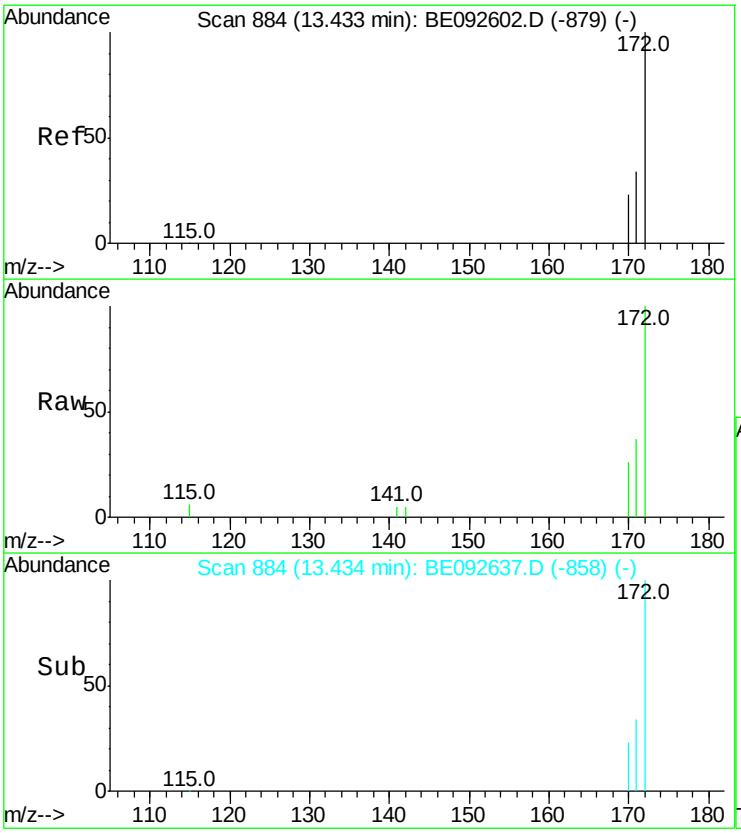
#13
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 194

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.4	113.0
141	42.8	31.0	46.6

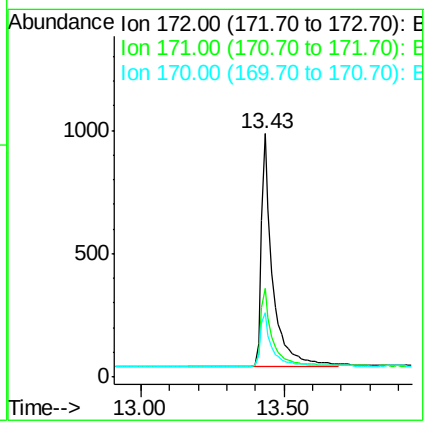


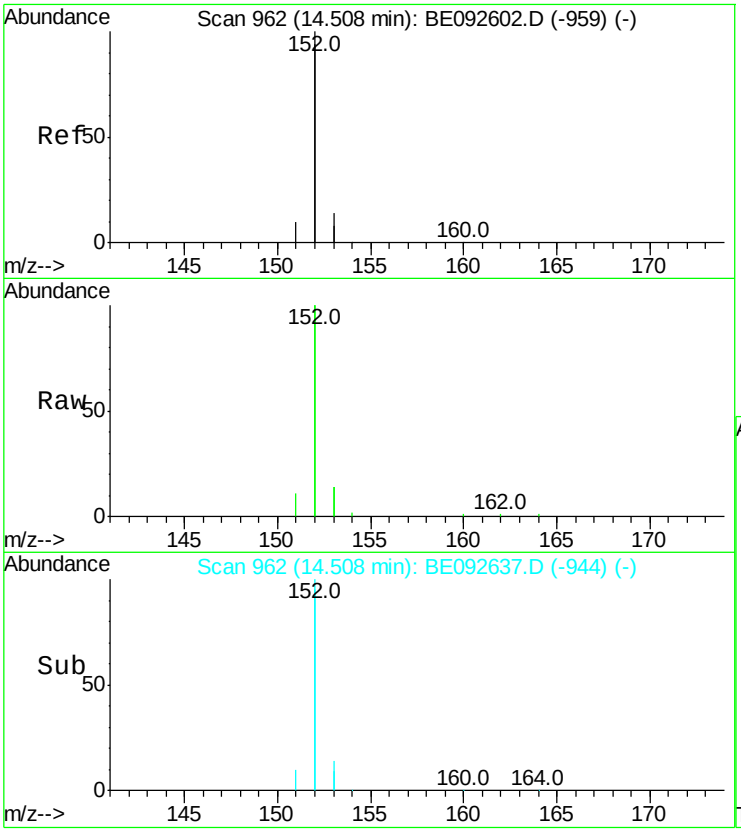


#14
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:172 Resp: 2555

Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.1	45.1
170	26.3	21.8	32.6



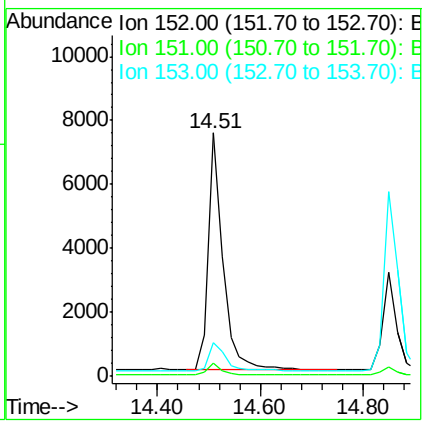


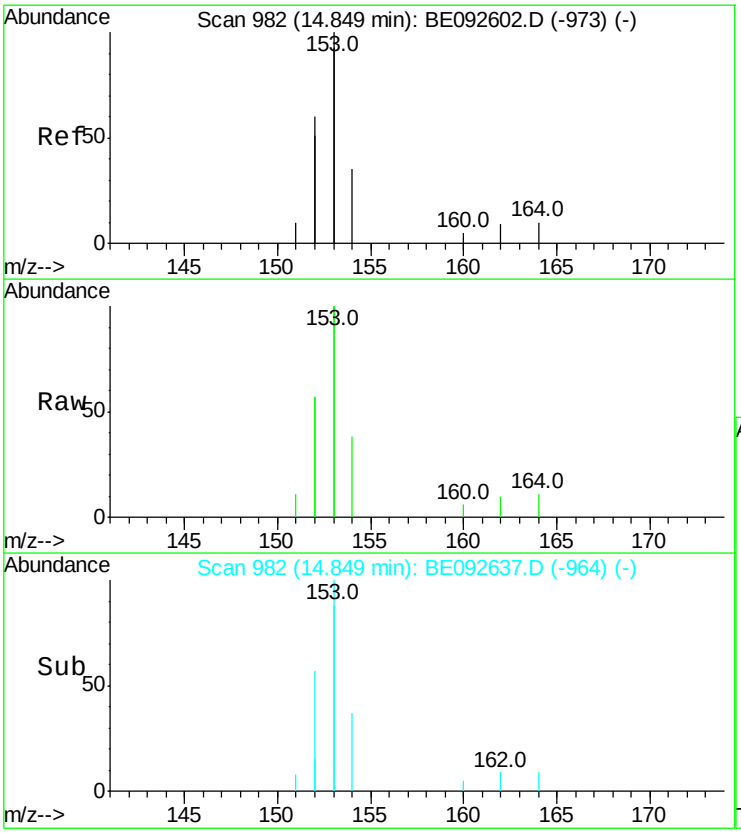
#15
Acenaphthylene
Concen: 0.35 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 14339

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

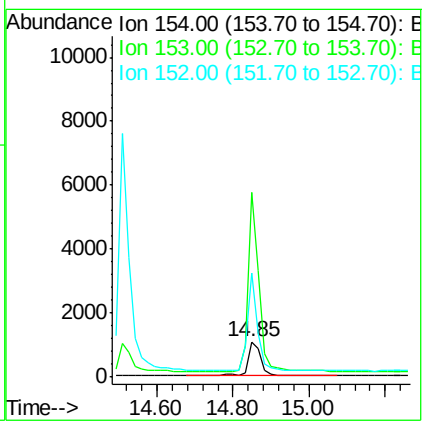


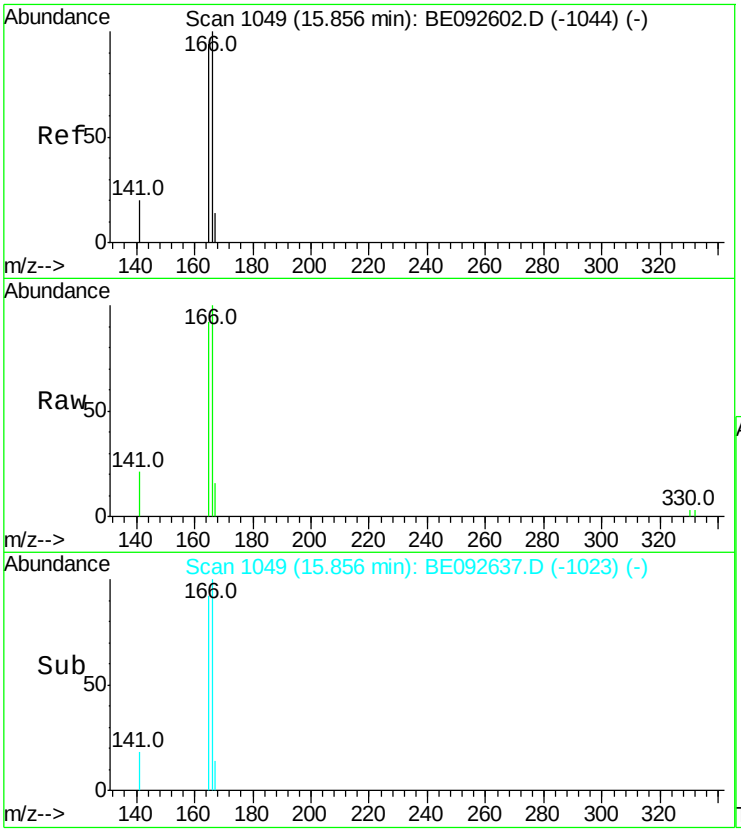


#16
Acenaphthene
Concen: 0.36 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:154 Resp: 2435

Ion	Ratio	Lower	Upper
154	100		
153	441.3	350.8	526.2
152	232.0	171.1	256.7



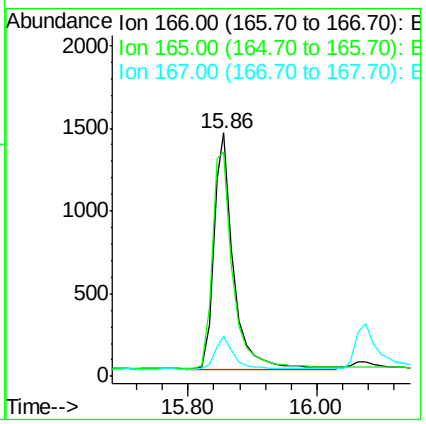


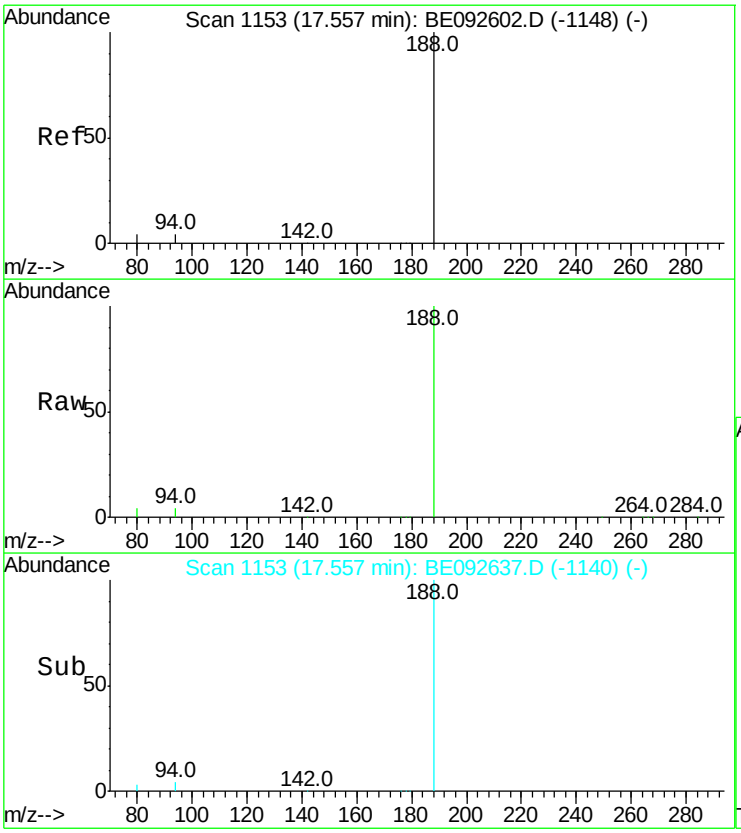
#17
Fluorene
Concen: 0.36 ng
RT: 15.86 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 3006

Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.4
167	13.3	11.0	16.4

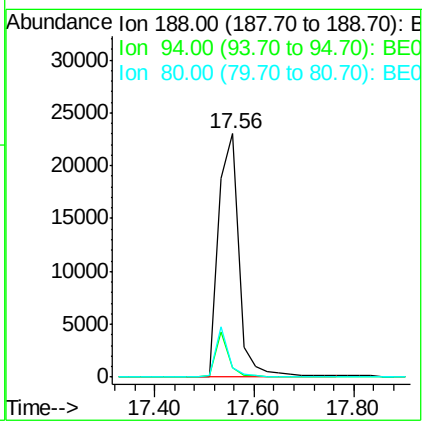


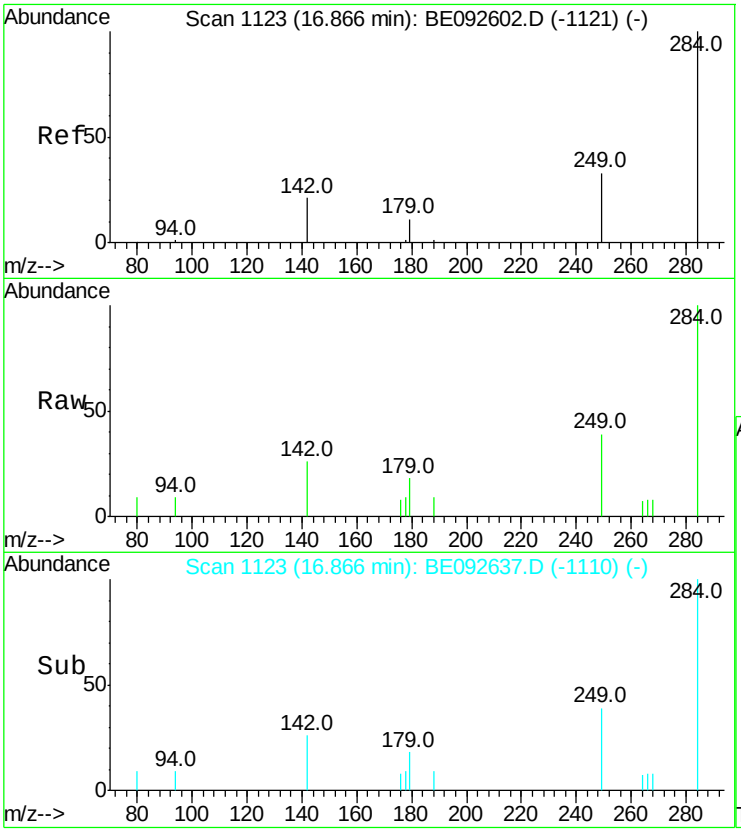


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:188 Resp: 65161

Ion	Ratio	Lower	Upper
188	100		
94	4.0	3.2	4.8
80	3.6	2.6	3.8



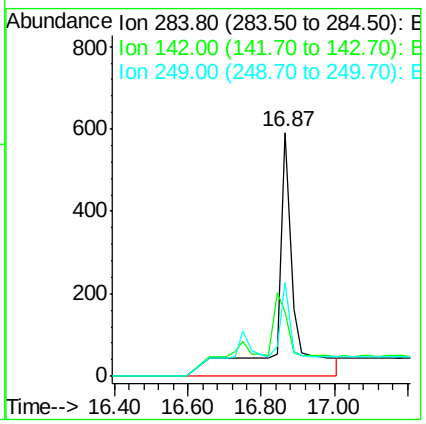


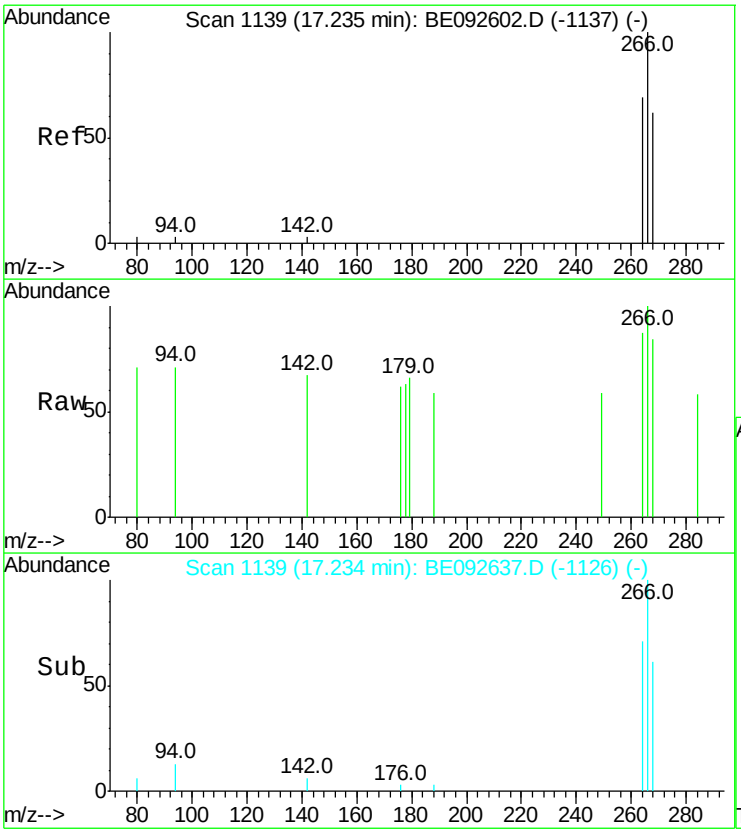
#19
Hexachlorobenzene
Concen: 0.77 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 2148

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	20.5	27.9	41.9#

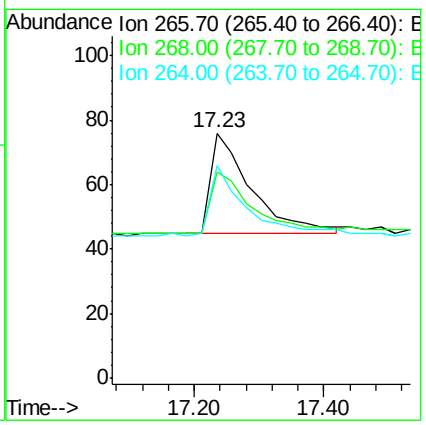


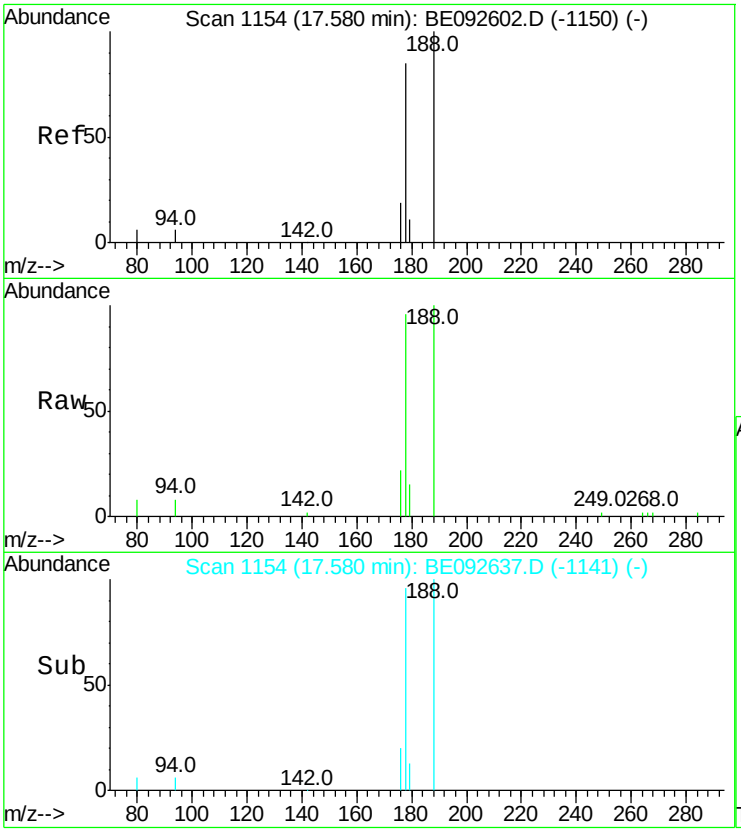


#20
Pentachlorophenol
Concen: 0.37 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:266 Resp: 134

Ion	Ratio	Lower	Upper
266	100		
268	84.2	62.5	93.7
264	86.8	57.2	85.8#



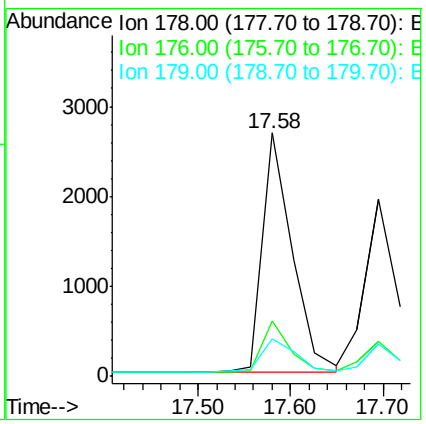


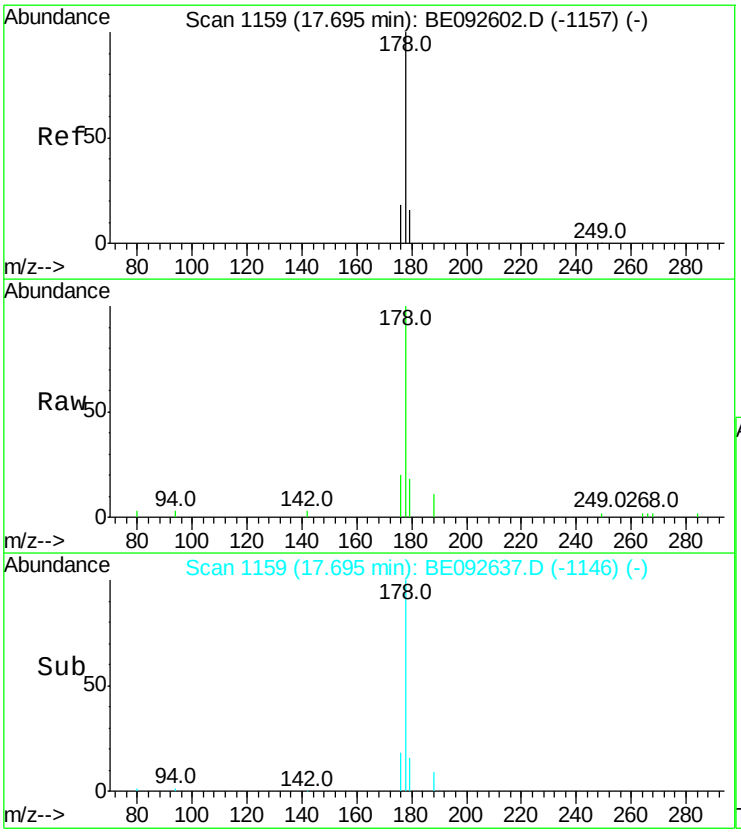
#21
Phenanthrene
Concen: 0.36 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5860

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	16.0	24.0#

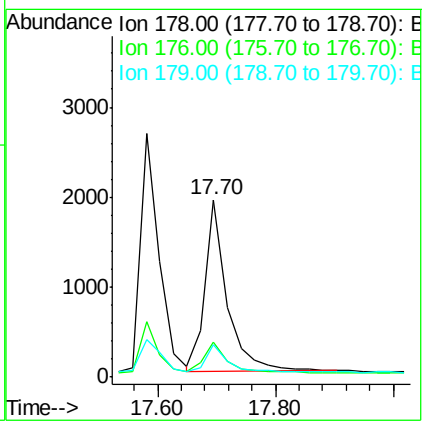


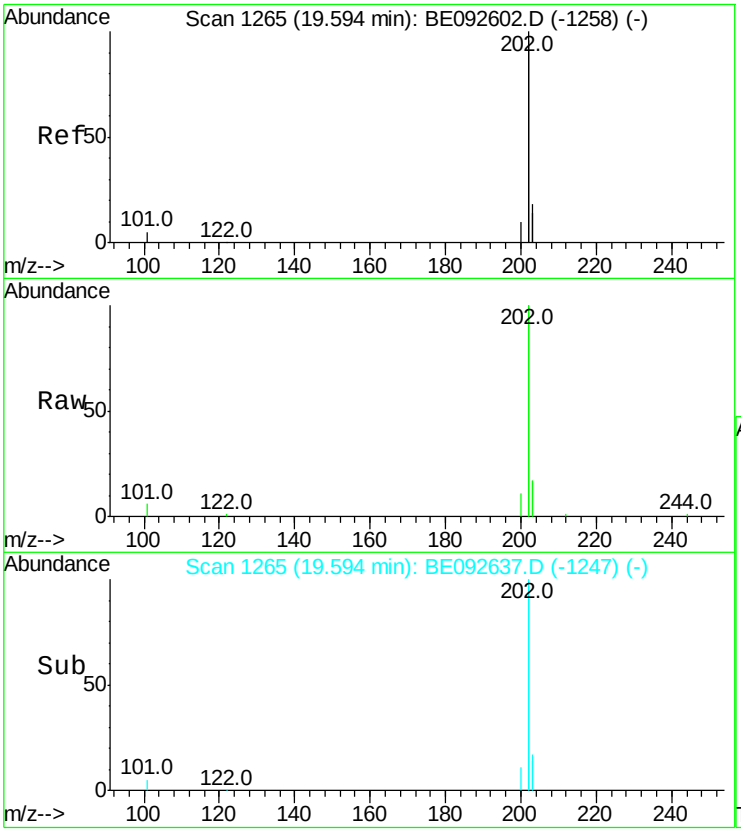


#22
Anthracene
Concen: 0.33 ng
RT: 17.70 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:178 Resp: 5016

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.9	12.2	18.2



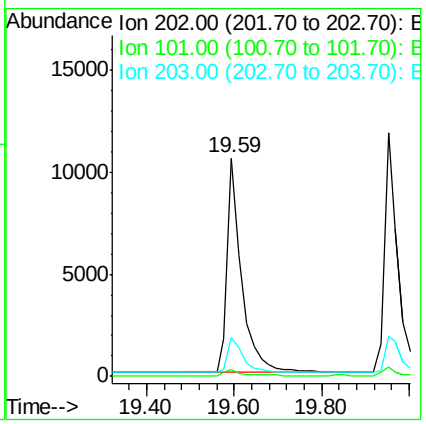


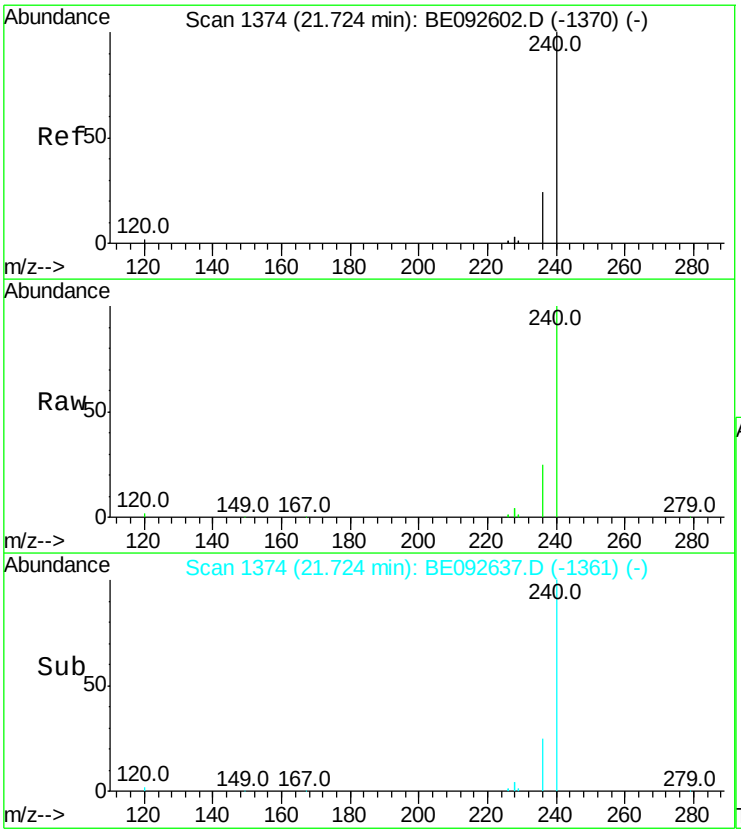
#23
Fluoranthene
Concen: 0.34 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 24152

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

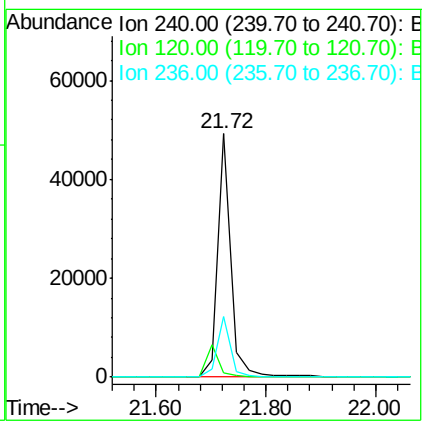


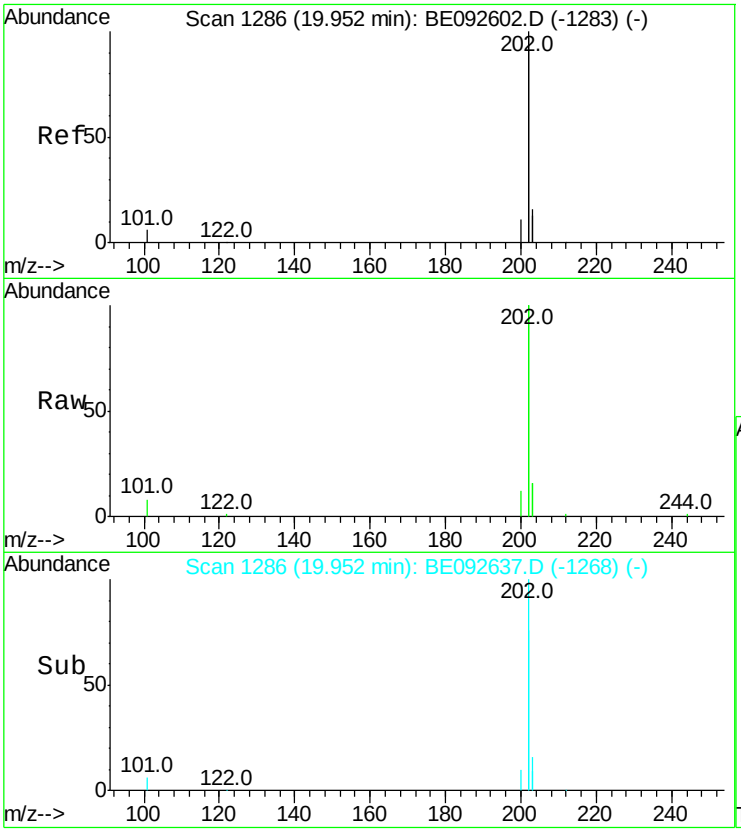


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:240 Resp: 82688

Ion	Ratio	Lower	Upper
240	100		
120	1.9	2.6	4.0#
236	25.0	24.6	37.0



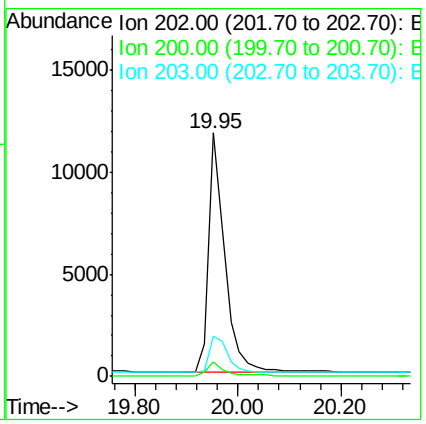


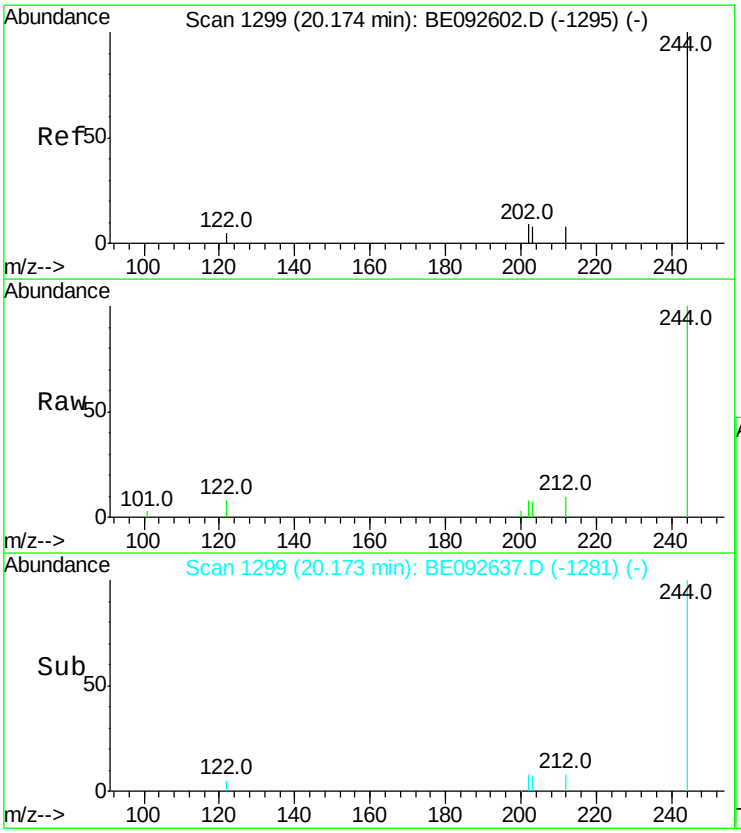
#25
Pyrene
Concen: 0.35 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 25369

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.6	13.9	20.9

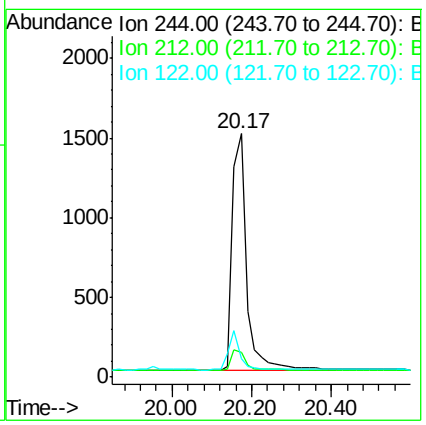


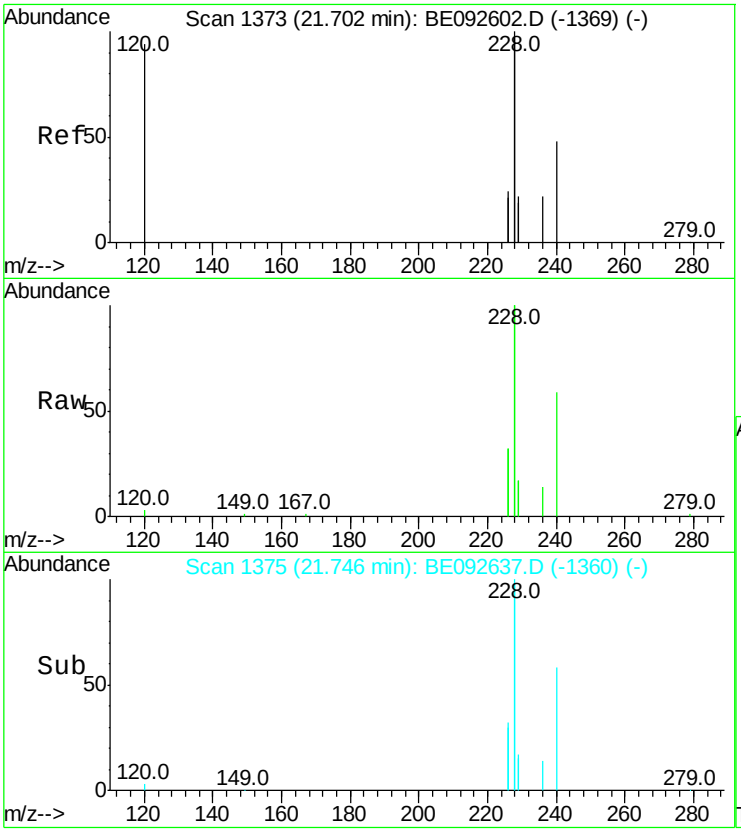


#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:244 Resp: 3665

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	7.7	3.6	5.4#



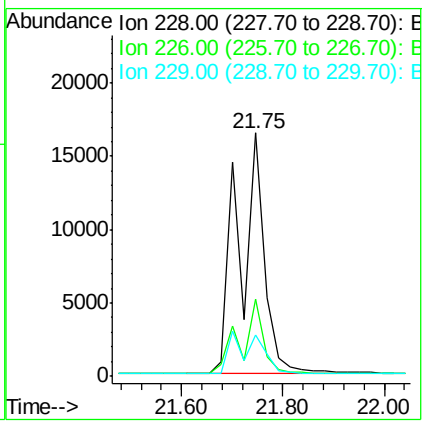


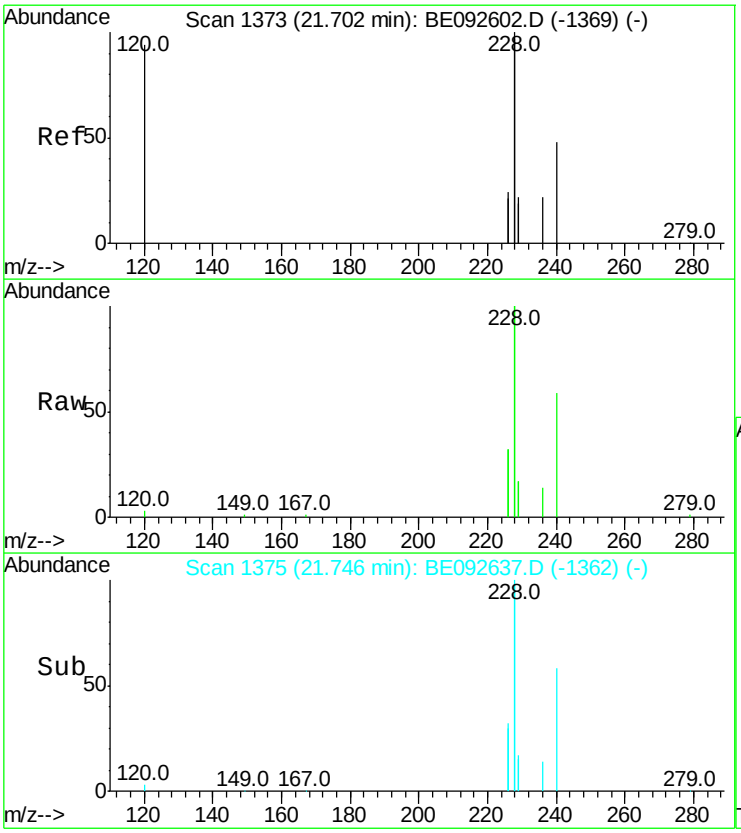
#27
Benzo(a)anthracene
Concen: 0.78 ng
RT: 21.75 min Scan# 1375
Delta R.T. 0.04 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 58104

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.6	35.4
229	16.9	13.3	19.9

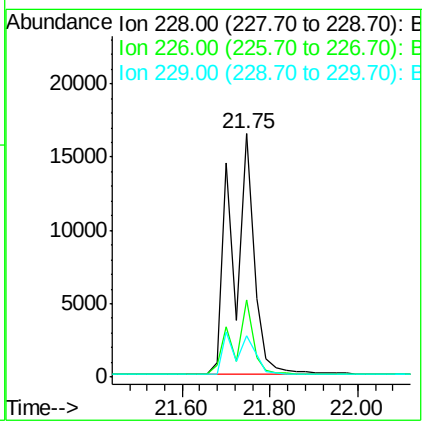


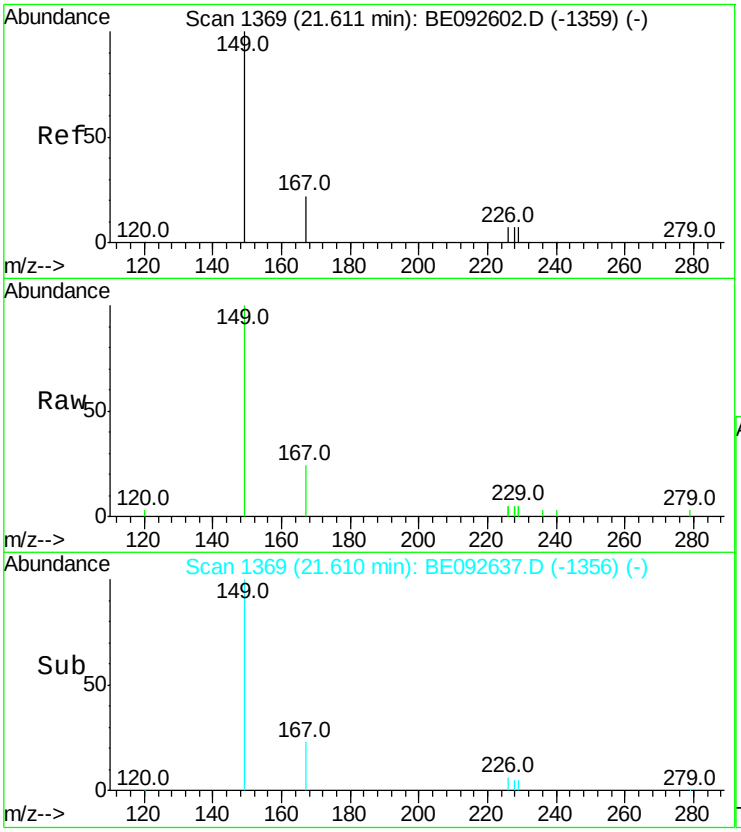


#28
Chrysene
Concen: 0.68 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:228 Resp: 58376

Ion	Ratio	Lower	Upper
228	100		
226	31.9	36.3	54.5#
229	16.9	10.6	16.0#



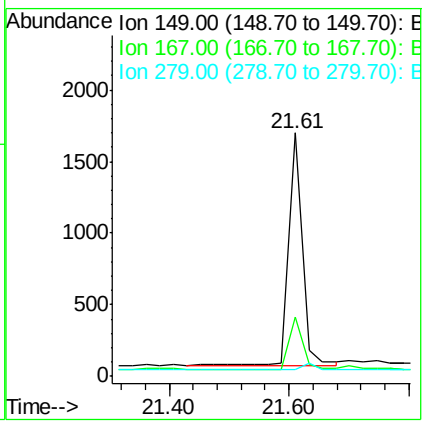


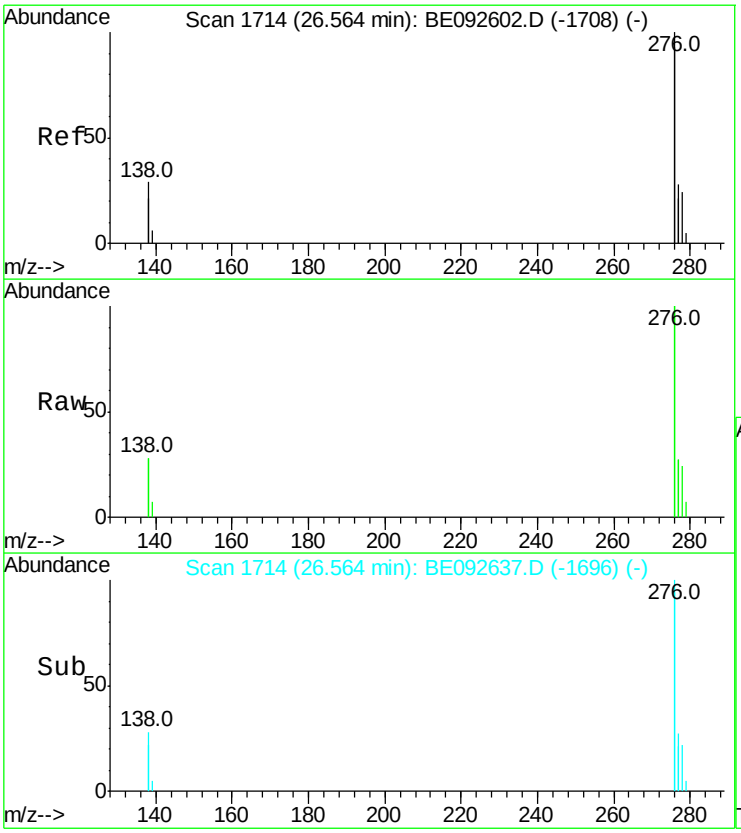
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 2444

Ion	Ratio	Lower	Upper
149	100		
167	22.8	16.0	24.0
279	0.0	16.0	24.0#

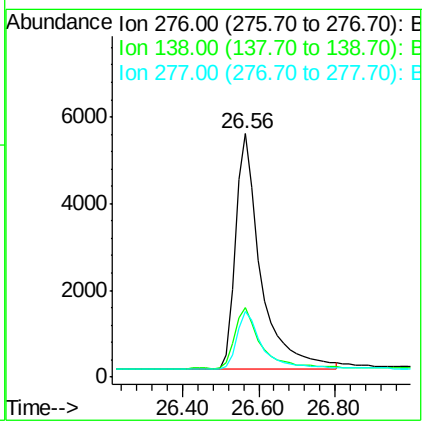


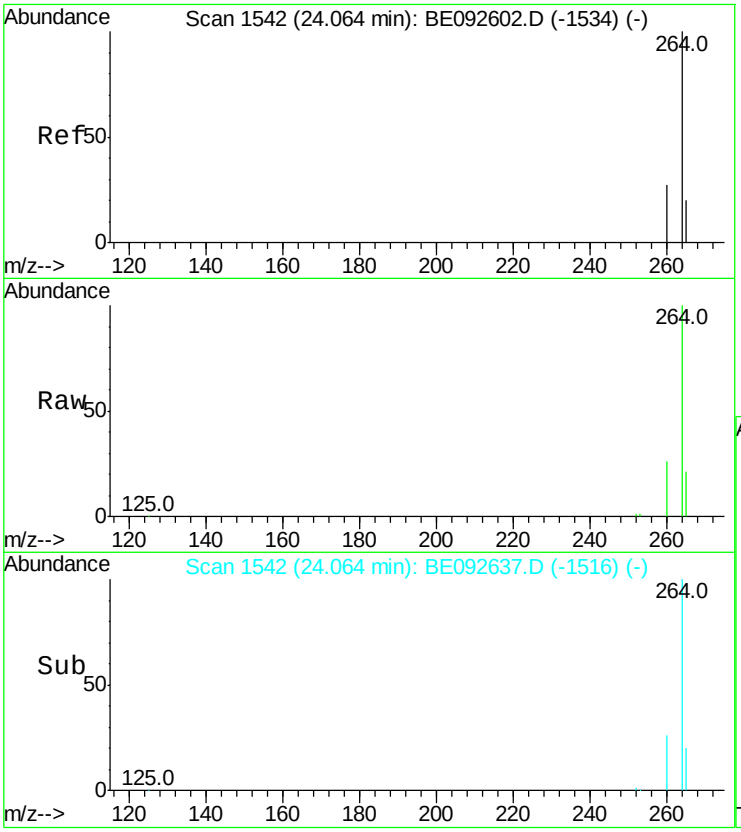


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.33 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:276 Resp: 25529

Ion	Ratio	Lower	Upper
276	100		
138	26.5	20.3	30.5
277	24.8	19.7	29.5



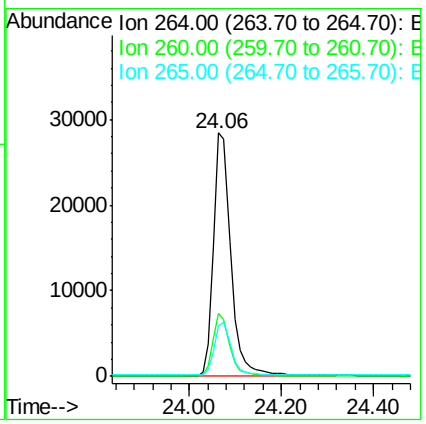


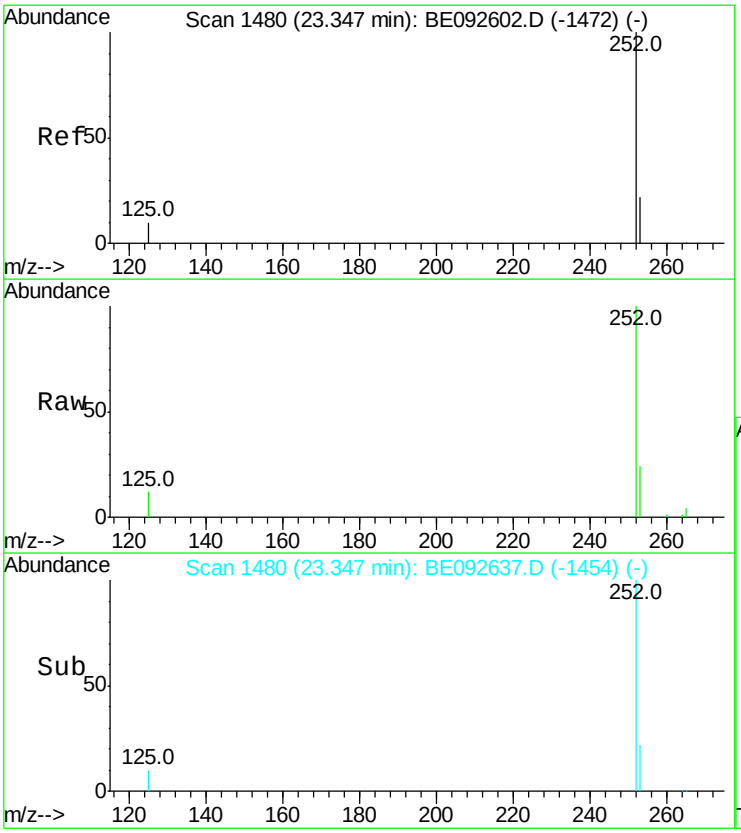
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 74368

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	20.8	17.9	26.9

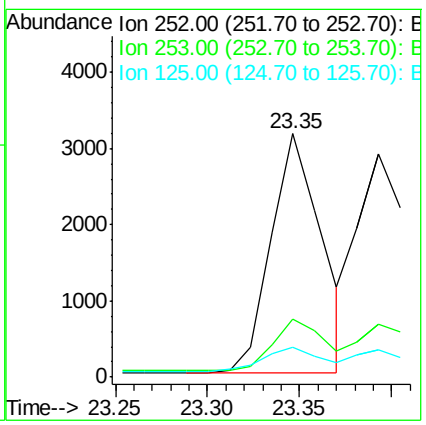


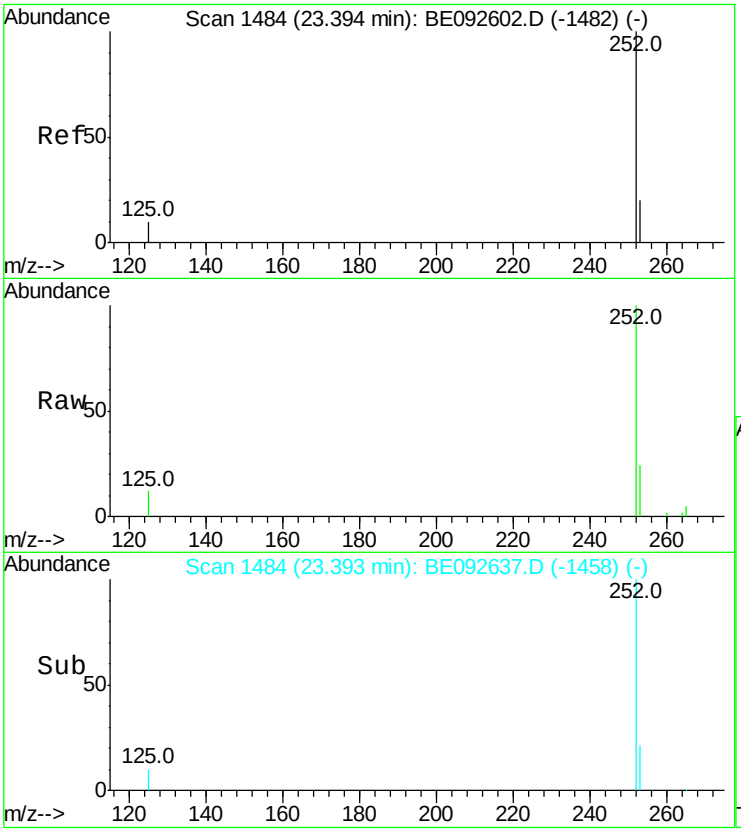


#32
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:252 Resp: 5949

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	12.3	10.5	15.7



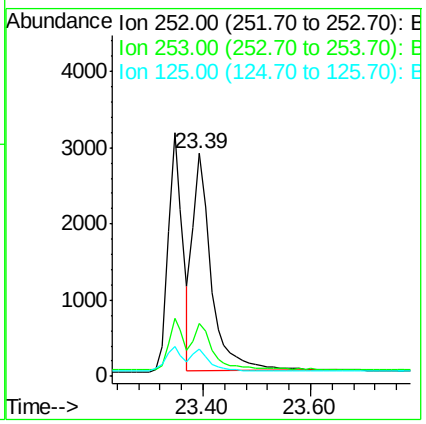


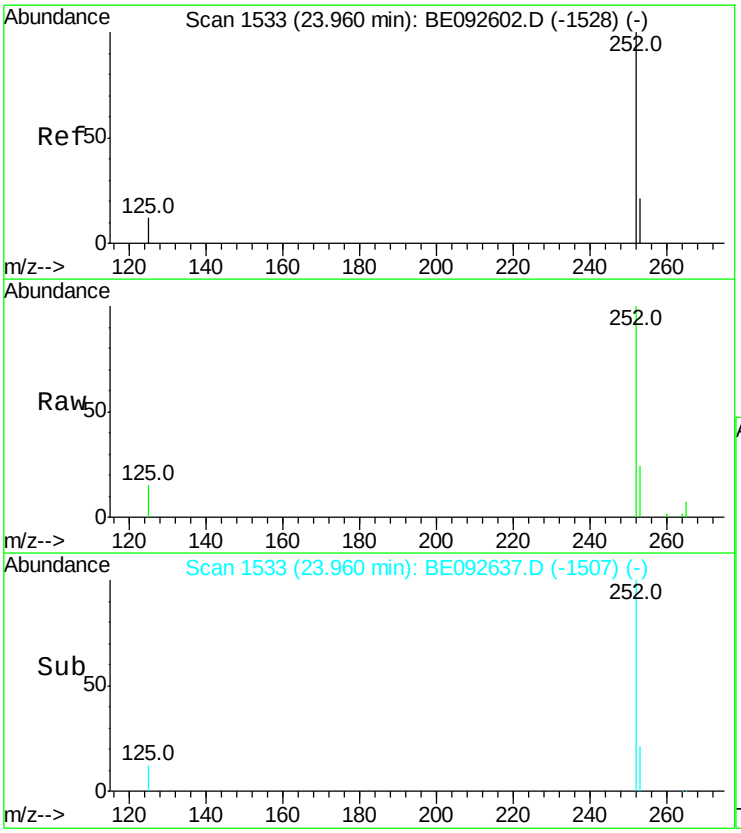
#33
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6853

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.3	30.5
125	12.3	9.6	14.4

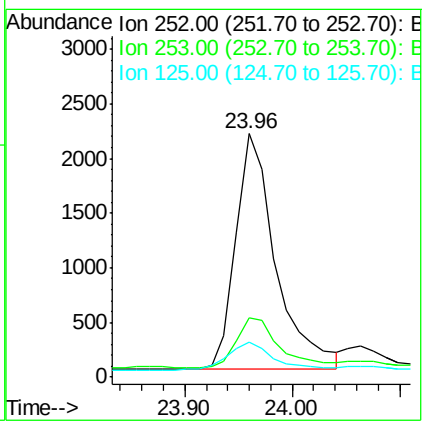


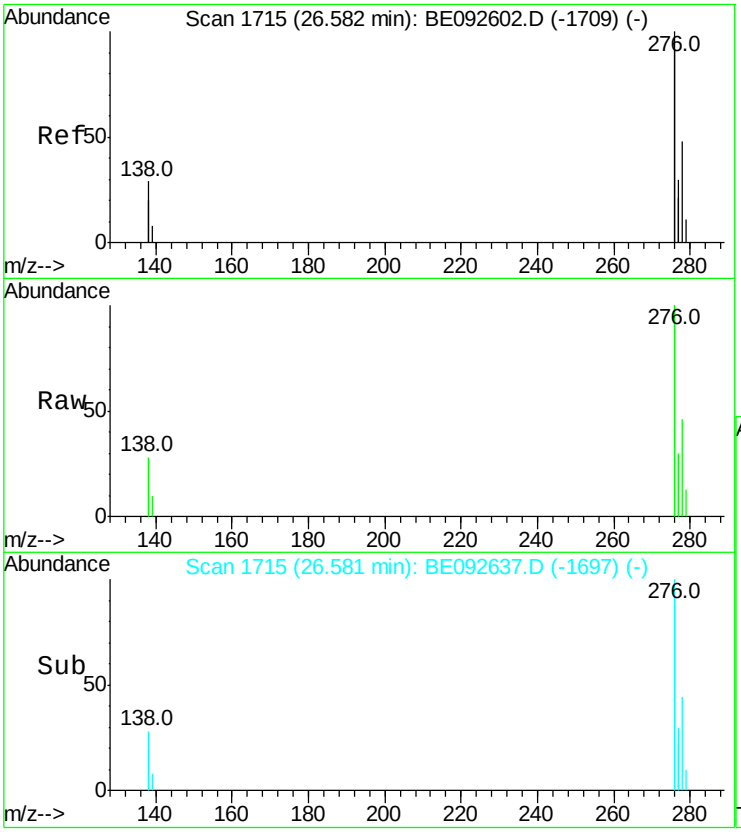


#34
Benzo(a)pyrene
Concen: 0.34 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:252 Resp: 5603

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.0	28.6
125	14.6	11.8	17.8



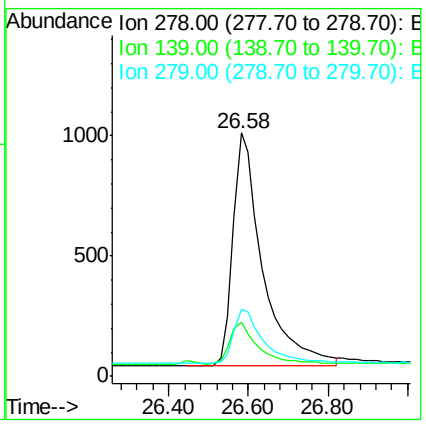


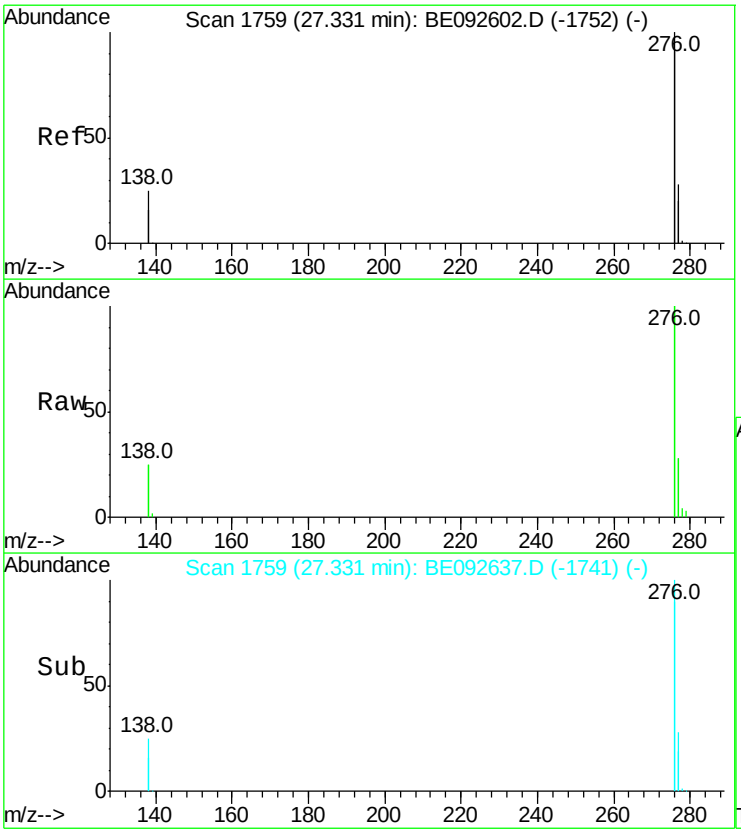
#35
Dibenzo(a,h)anthracene
Concen: 0.32 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 5026

Ion	Ratio	Lower	Upper
278	100		
139	22.2	13.8	20.8#
279	27.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 27.33 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BE092637.D
Acq: 11 Jan 2017 11:59

Tgt Ion:276 Resp: 22901

Ion	Ratio	Lower	Upper
276	100		
277	27.9	19.8	29.8
138	24.6	19.8	29.6