Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE032917\
Data File : Be092864.d
Acq On : 29 Mar 2017 13:32
Operator : SJ/MA
Sample : PB97794BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Mar 29 18:14:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 29 17:47:56 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	10148	5.00	ng		-0.02
7) Naphthalene-d8	10.54	136	43020	5.00	ng		0.00
12) Acenaphthene-d10	14.40	164	19275	5.00	ng		0.00
18) Phenanthrene-d10	17.13	188	37600	5.00	ng		-0.02
24) Chrysene-d12	21.28	240	39182	5.00	ng		-0.02
31) Perylene-d12	23.70	264	29983	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.37	112	21417	9.06	ng		0.00
5) Phenol-d6	6.94	99	30209	8.71	ng		0.00
8) Nitrobenzene-d5	8.90	82	11380	4.61	ng		-0.02
13) 2,4,6-Tribromophenol	15.88	330	3243	10.77	ng		0.00
14) 2-Fluorobiphenyl	13.02	172	26260	4.13	ng		-0.01
26) Terphenyl-d14	19.74	244	22787	3.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	5144	3.79	ng		100
3) n-Nitrosodimethylamine	3.61	42	6687	4.77	ng		82
6) bis(2-Chloroethyl)ether	7.20	93	14054	4.26	ng	#	48
9) Naphthalene	10.58	128	38526	4.09	ng	#	95
10) Hexachlorobutadiene	10.89	225	5320	4.21	ng		100
11) 2-Methylnaphthalene	12.21	142	24228	4.05	ng	#	85
15) Acenaphthylene	14.09	152	128555	4.35	ng		100
16) Acenaphthene	14.45	154	22567	4.28	ng		97
17) Fluorene	15.44	166	25880	4.12	ng		99
19) Hexachlorobenzene	16.47	284	6693	4.80	ng	#	64
20) Pentachlorophenol	16.79	266	3858	8.37	ng	#	76
21) Phenanthrene	17.18	178	44890	4.91	ng	#	94
22) Anthracene	17.27	178	40813	4.91	ng		99
23) Fluoranthene	19.18	202	160656	3.82	ng		98
25) Pyrene	19.54	202	166896	4.28	ng		98
27) Benzo(a)anthracene	21.26	228	43513	4.69	ng		94
28) Chrysene	21.31	228	36658	3.74	ng	#	77
29) Bis(2-ethylhexyl)phthalate	21.21	149	13529	4.10	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.24	276	146767	3.98	ng	#	93
32) Benzo(b)fluoranthene	22.96	252	33953	4.25	ng		98
33) Benzo(k)fluoranthene	23.01	252	32152	4.50	ng		95
34) Benzo(a)pyrene	23.59	252	29254	4.43	ng		96
35) Dibenzo(a,h)anthracene	26.27	278	31932	4.55	ng		96
36) Benzo(g,h,i)perylene	27.02	276	127005	4.37	ng		100

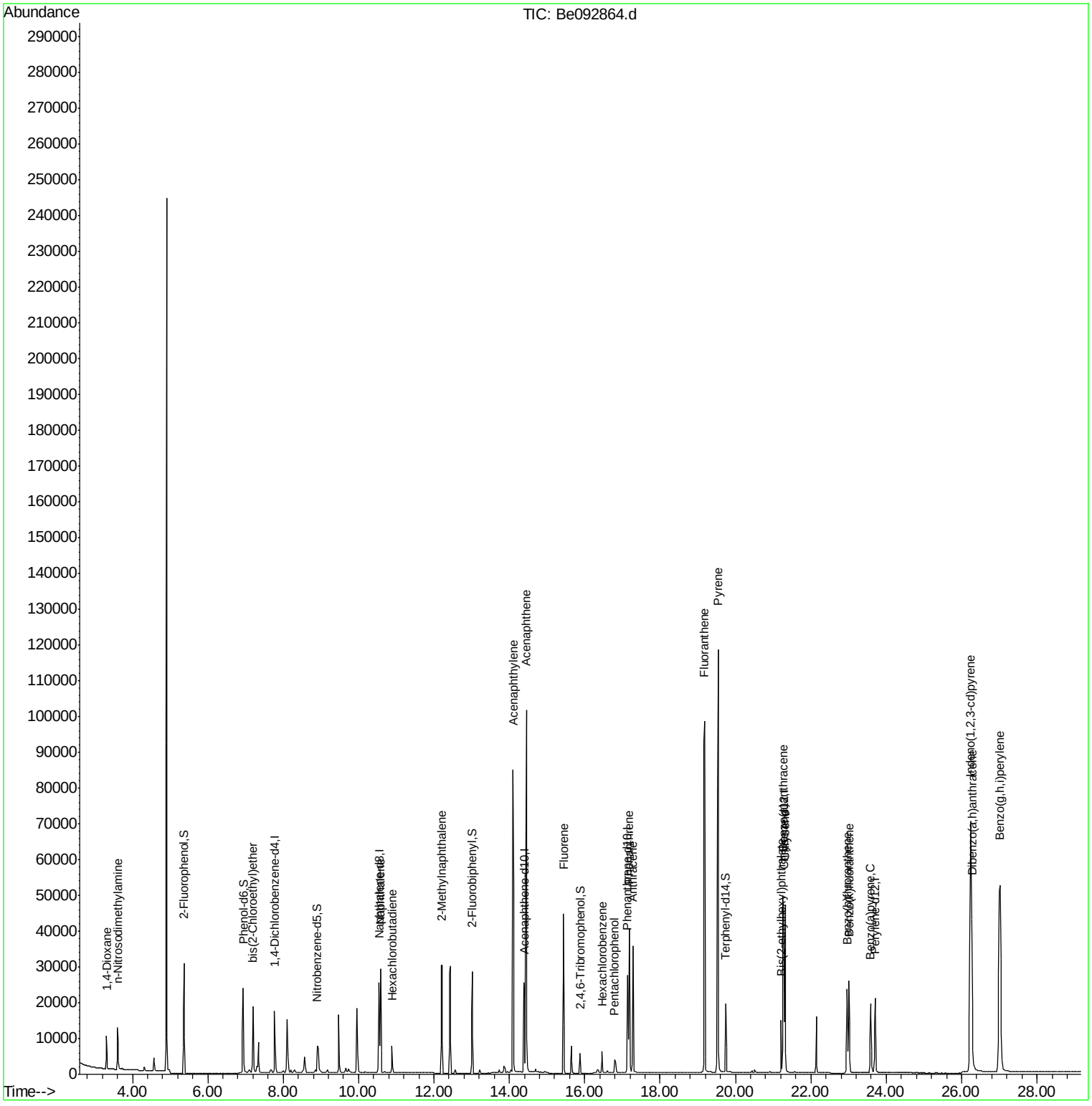
(#) = qualifier out of range (m) = manual integration (+) = signals summed

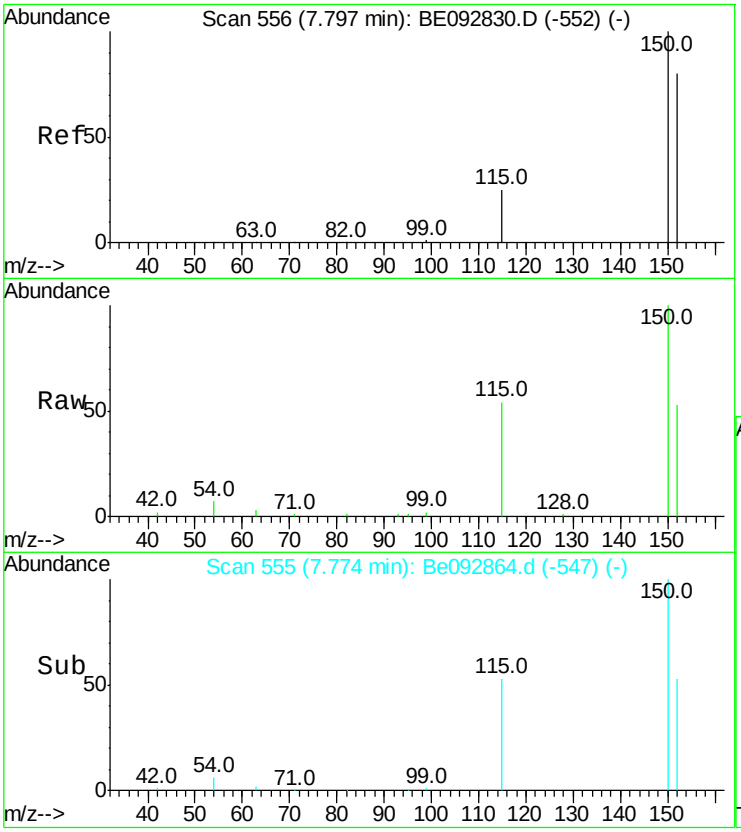
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE032917\
Data File : Be092864.d
Acq On : 29 Mar 2017 13:32
Operator : SJ/MA
Sample : PB97794BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Mar 29 18:14:09 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 29 17:47:56 2017
Response via : Initial Calibration



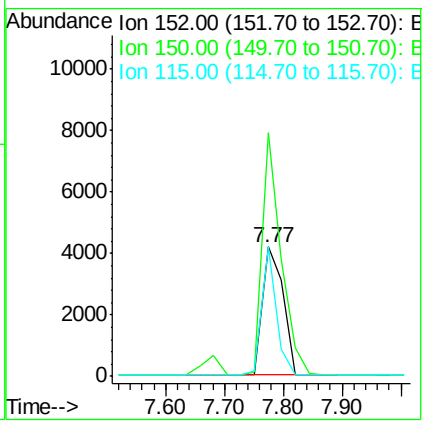


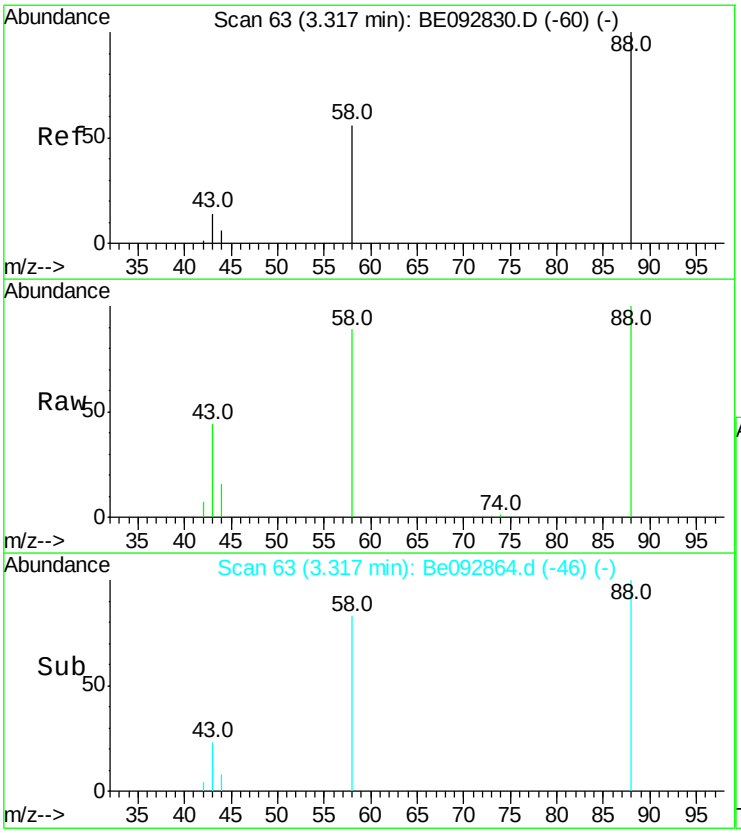
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 10148

Ion	Ratio	Lower	Upper
152	100		
150	188.1	106.0	159.0#
115	100.6	31.2	46.8#

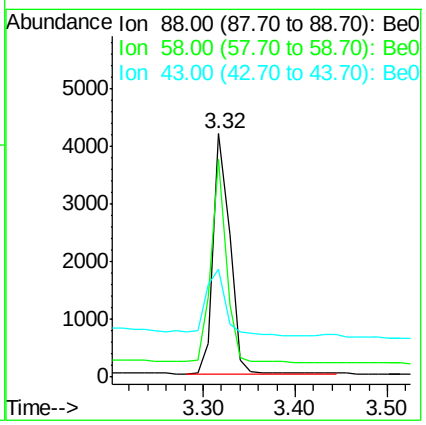


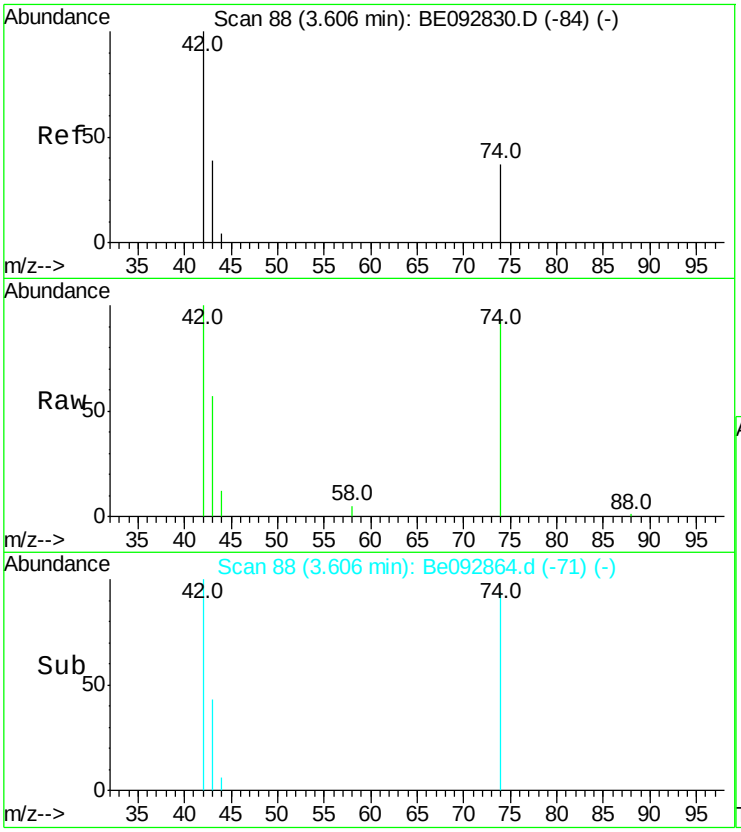


#2
1,4-Dioxane
Concen: 3.79 ng
RT: 3.32 min Scan# 63
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion: 88 Resp: 5144

Ion	Ratio	Lower	Upper
88	100		
58	79.3	63.6	95.4
43	34.9	28.0	42.0



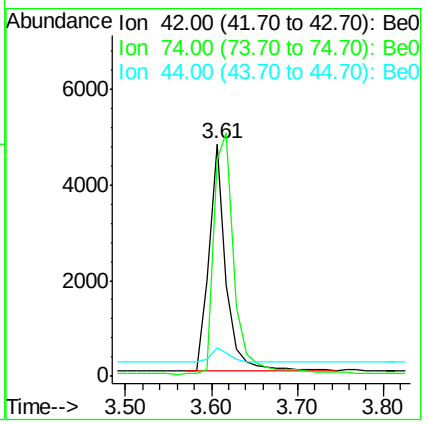


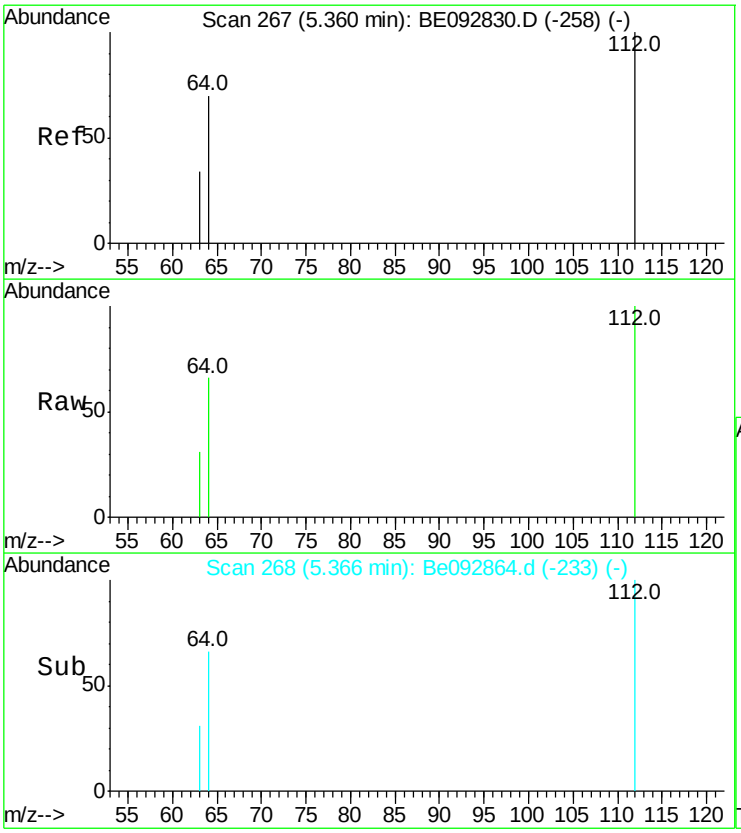
#3
n-Nitrosodimethylamine
Concen: 4.77 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 6687

Ion	Ratio	Lower	Upper
42	100		
74	127.8	86.0	129.0
44	7.2	5.1	7.7

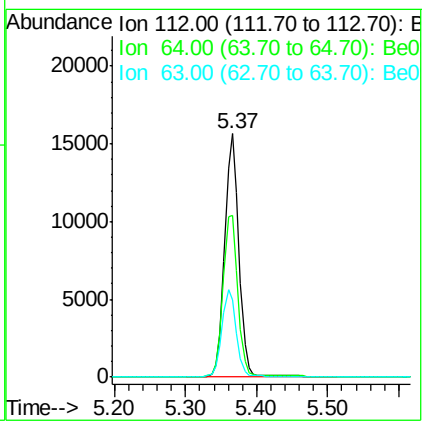


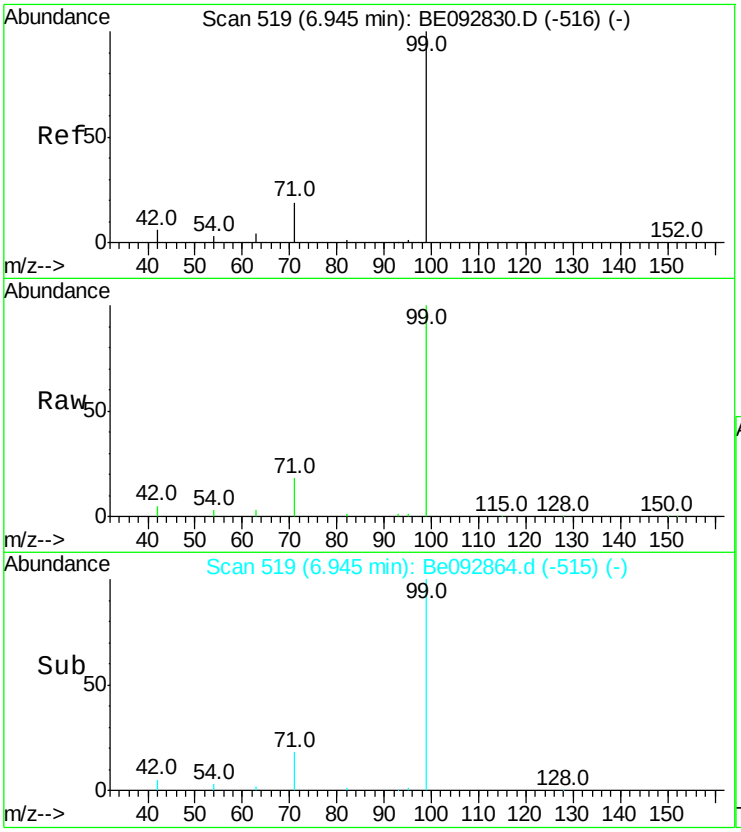


#4
2-Fluorophenol
Concen: 9.06 ng
RT: 5.37 min Scan# 268
Delta R.T. 0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:112 Resp: 21417

Ion	Ratio	Lower	Upper
112	100		
64	69.2	53.5	80.3
63	35.6	27.9	41.9



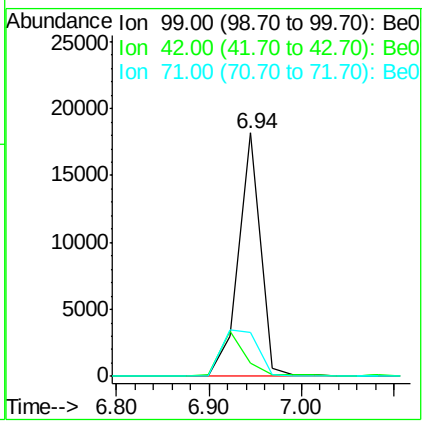


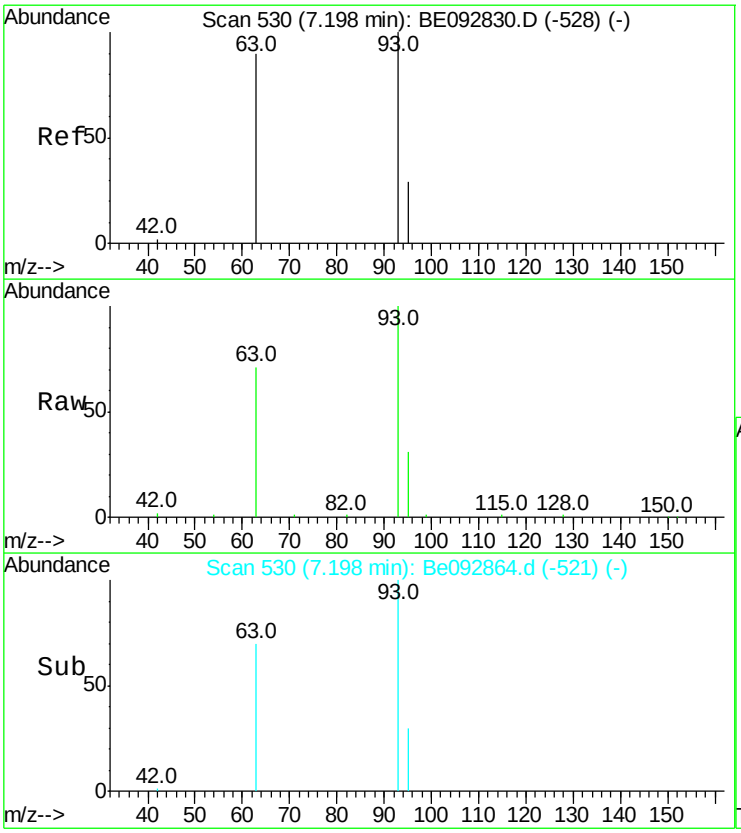
#5
Phenol-d6
Concen: 8.71 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 30209

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

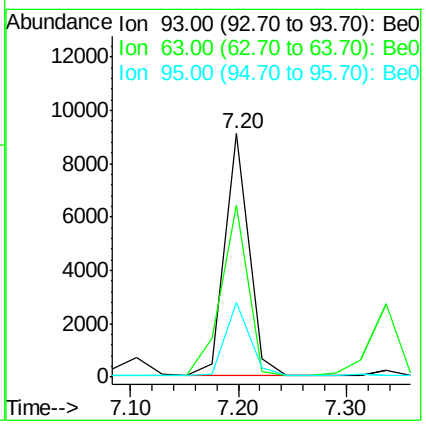


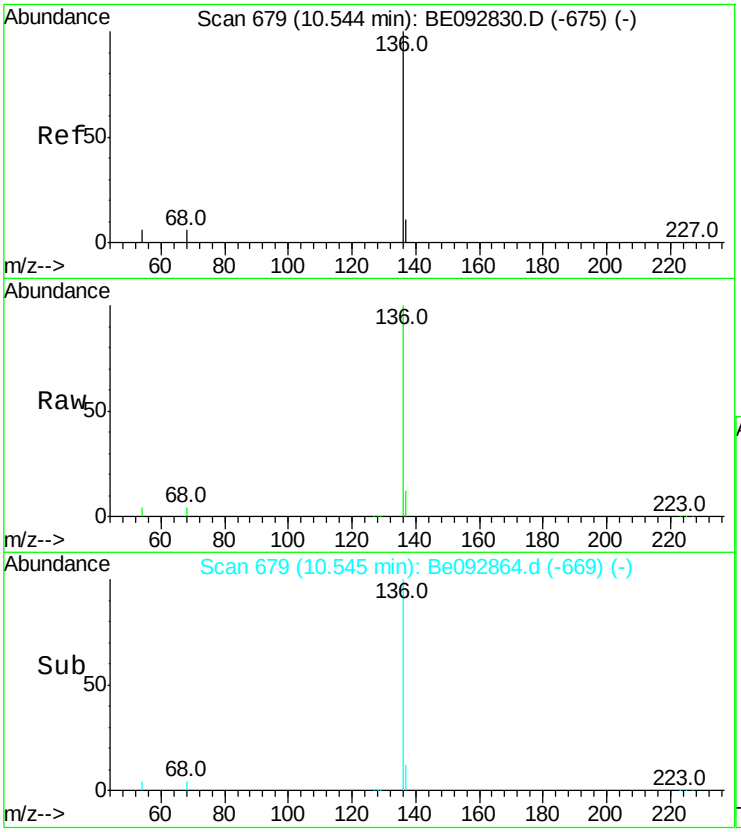


#6
bis(2-Chloroethyl)ether
Concen: 4.26 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion: 93 Resp: 14054

Ion	Ratio	Lower	Upper
93	100		
63	78.5	16.0	24.0#
95	31.0	24.0	36.0



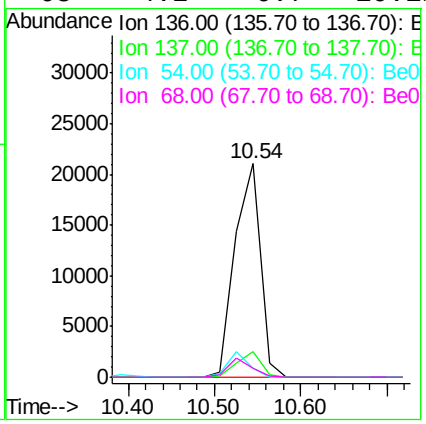


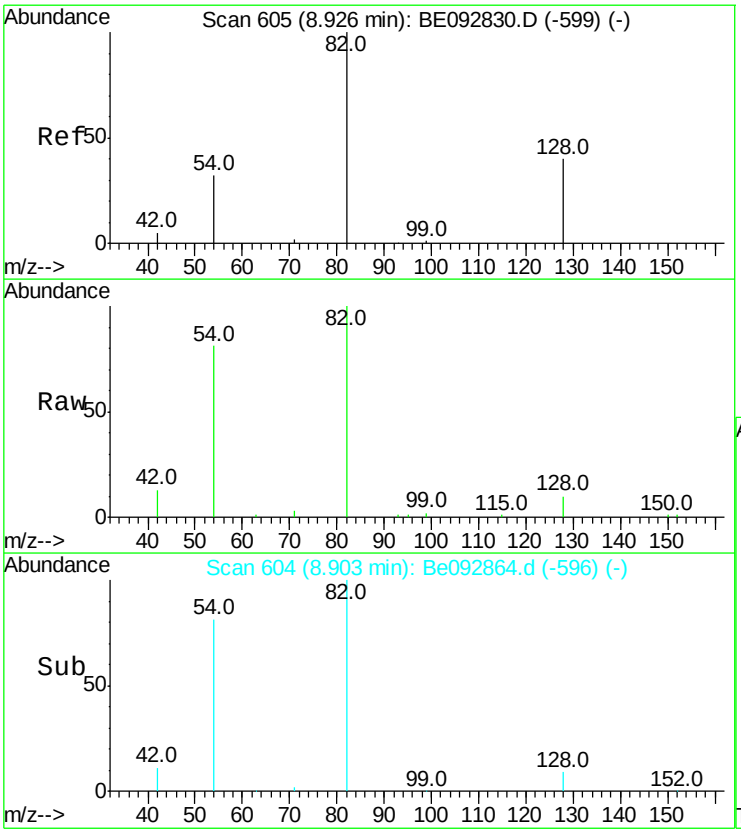
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 679
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 43020

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	4.1	9.6	14.4#
68	4.2	6.7	10.1#

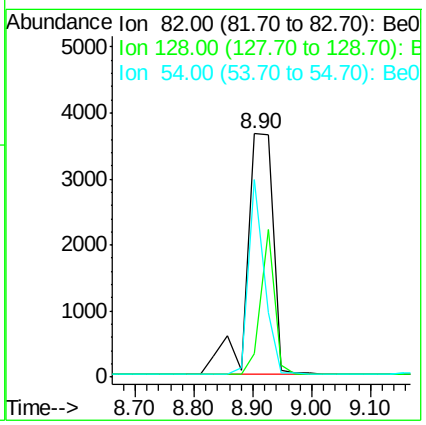


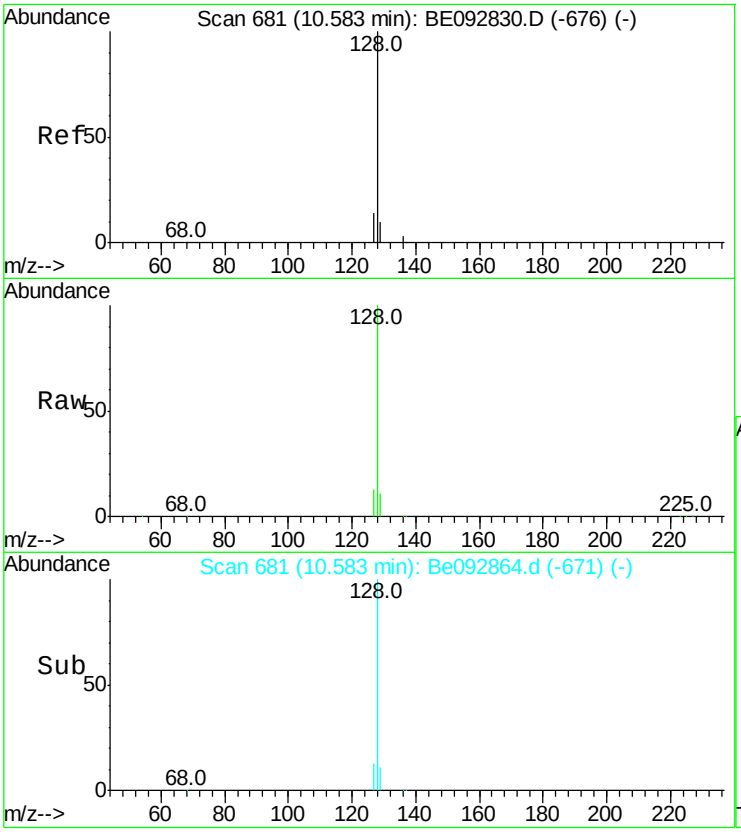


#8
Nitrobenzene-d5
Concen: 4.61 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion: 82 Resp: 11380

Ion	Ratio	Lower	Upper
82	100		
128	9.8	39.0	58.4#
54	80.9	44.8	67.2#



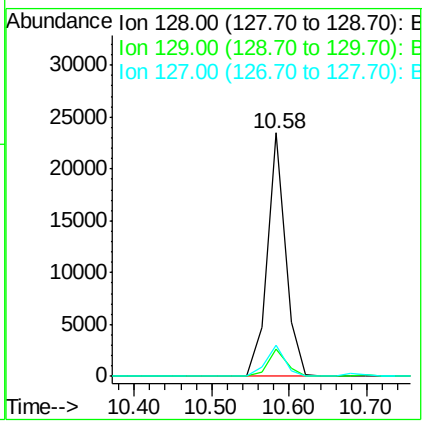


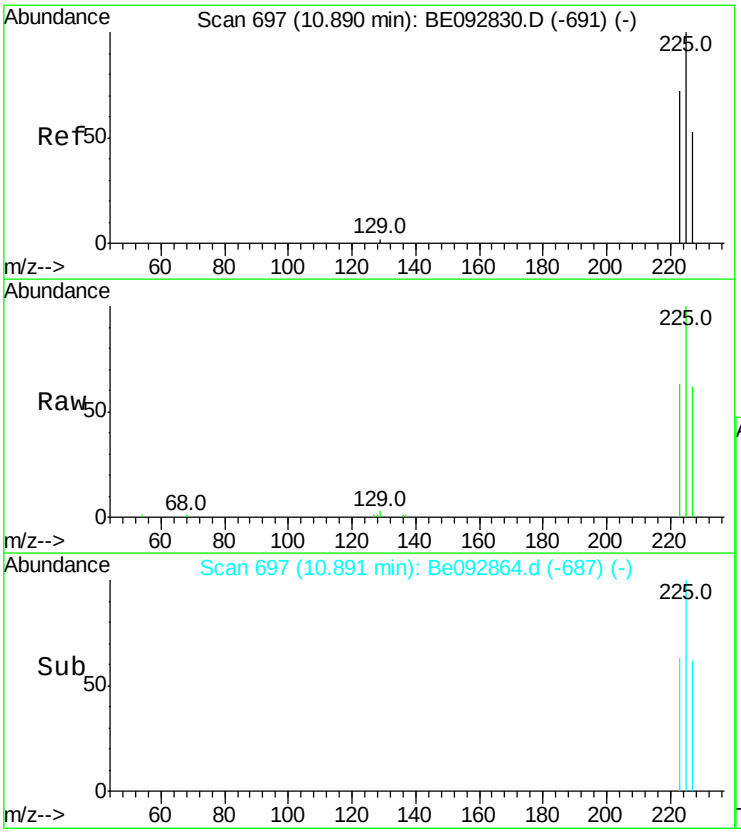
#9
Naphthalene
Concen: 4.09 ng
RT: 10.58 min Scan# 681
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 38526

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.2	16.8#
127	13.0	11.6	17.4

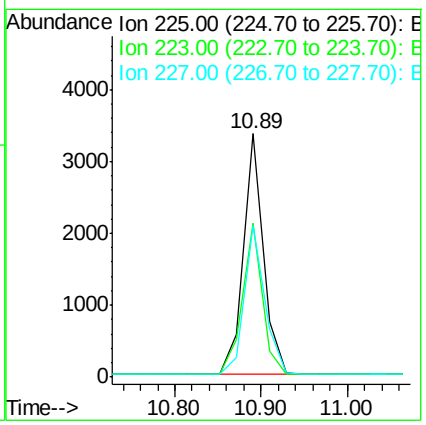


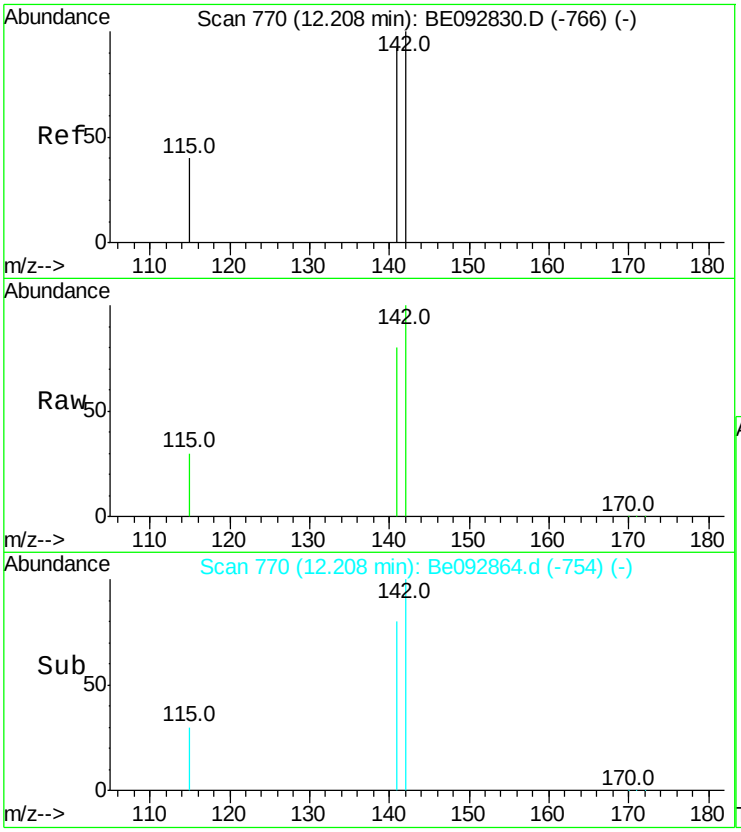


#10
Hexachlorobutadiene
Concen: 4.21 ng
RT: 10.89 min Scan# 697
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:225 Resp: 5320

Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.6	51.4	77.0



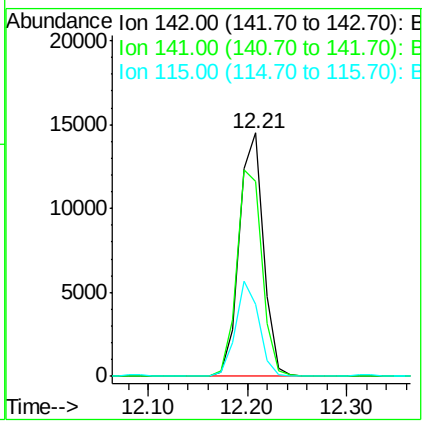


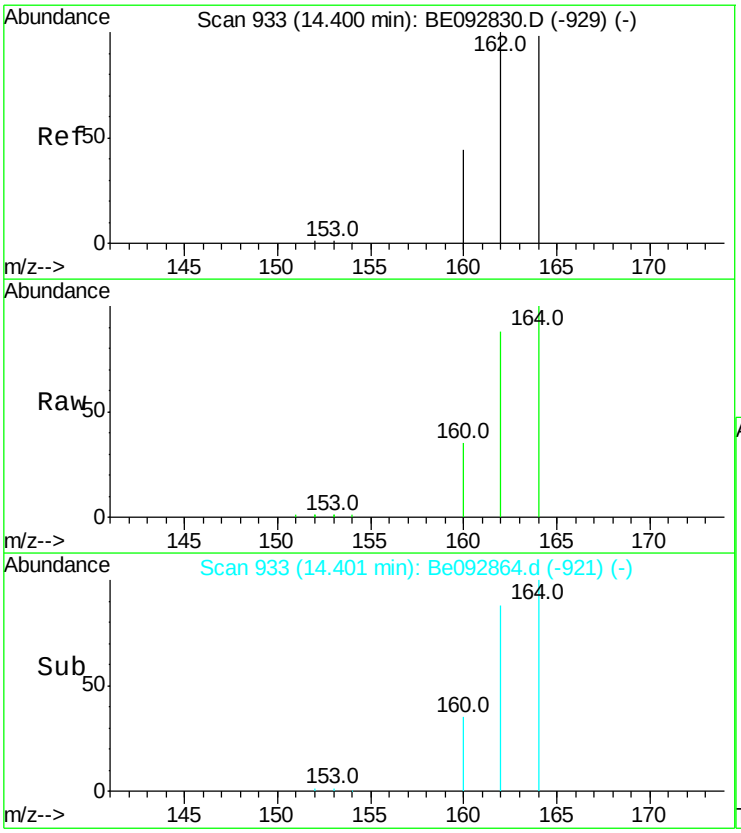
#11
2-Methylnaphthalene
Concen: 4.05 ng
RT: 12.21 min Scan# 770
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 24228

Ion	Ratio	Lower	Upper
142	100		
141	80.1	73.7	110.5
115	29.7	34.0	51.0#

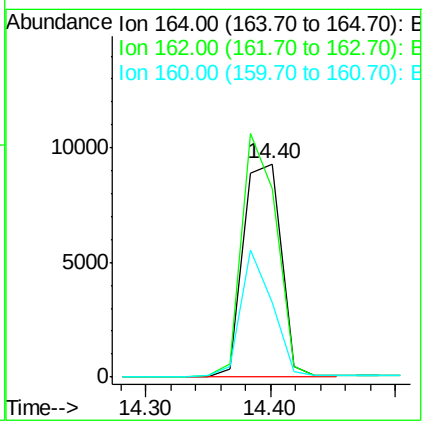


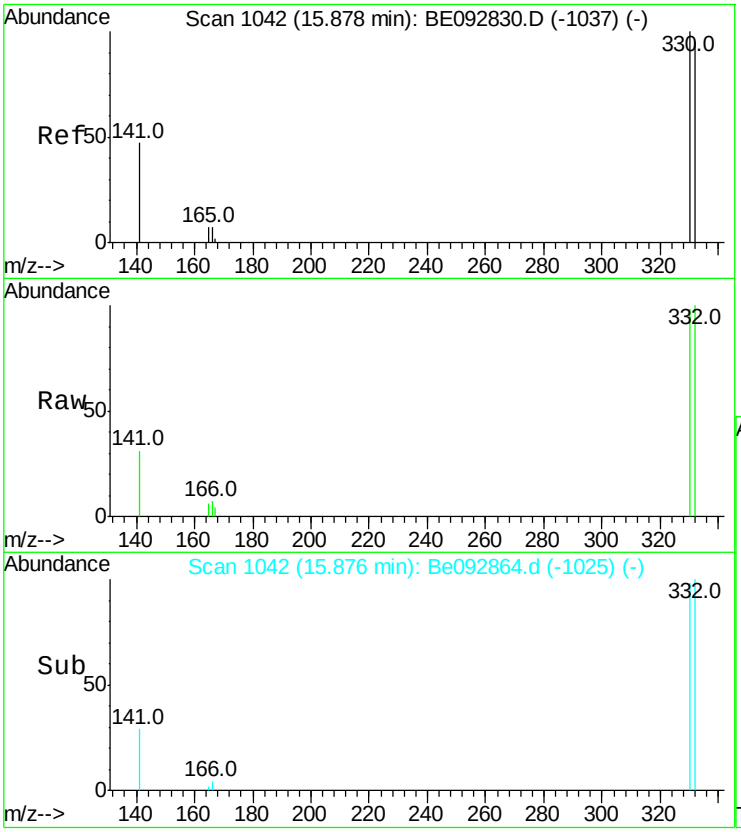


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 933
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:164 Resp: 19275

Ion	Ratio	Lower	Upper
164	100		
162	88.5	71.4	107.0
160	34.8	27.4	41.2



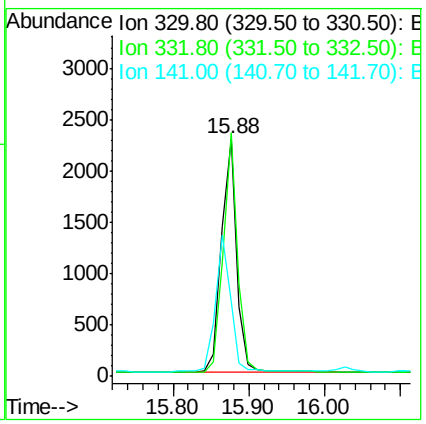


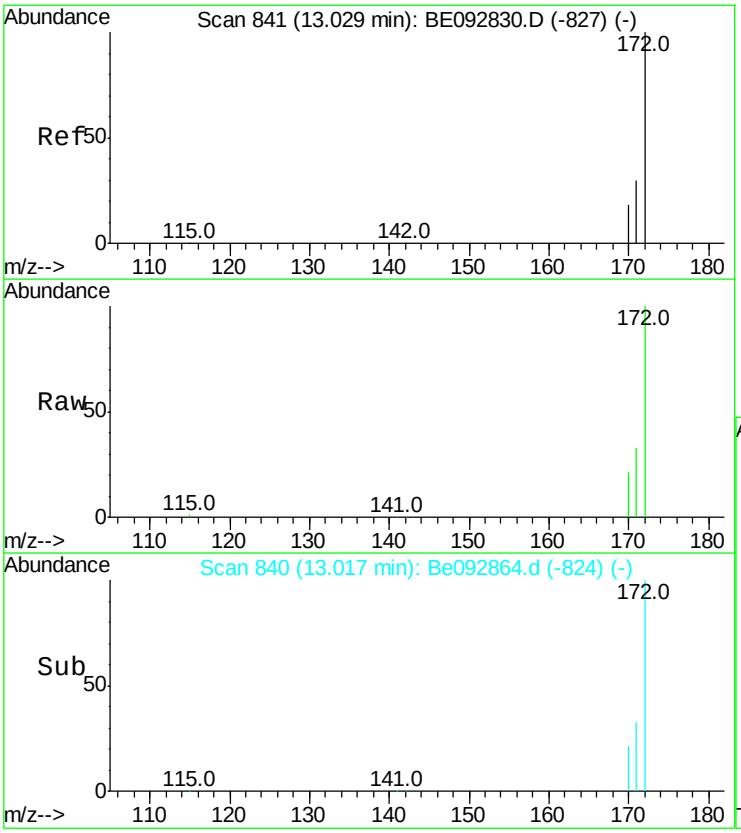
#13
2,4,6-Tribromophenol
Concen: 10.77 ng
RT: 15.88 min Scan# 1042
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 3243

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.4	113.0
141	57.3	31.0	46.6#

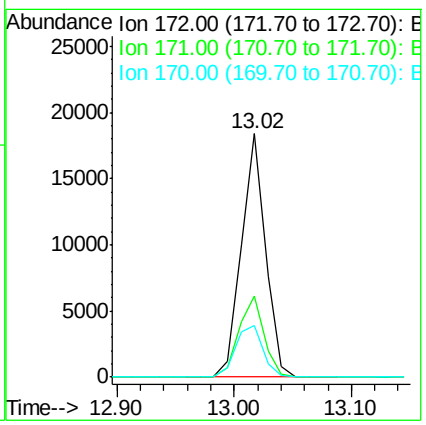


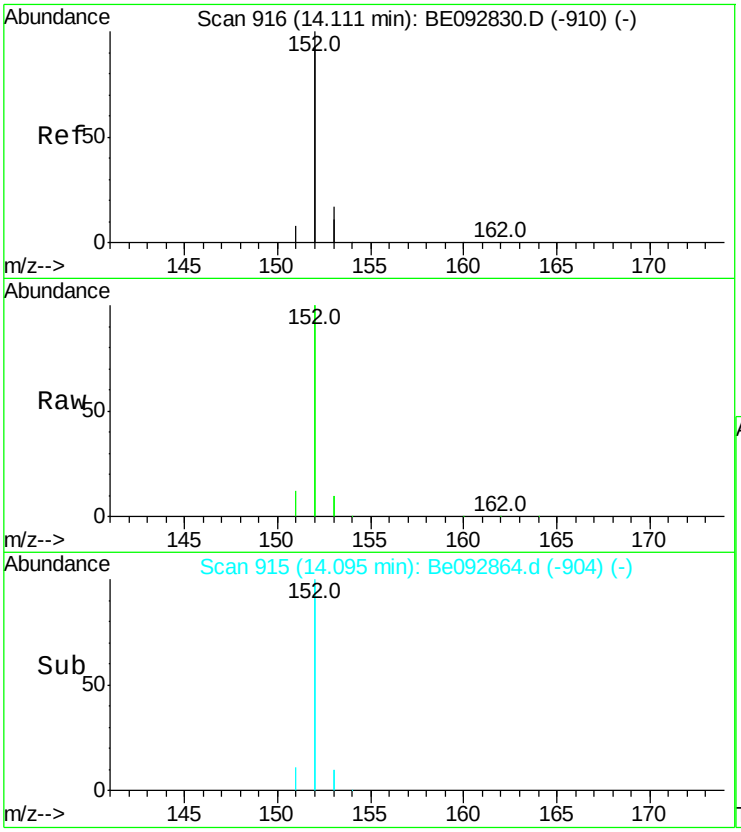


#14
2-Fluorobiphenyl
Concen: 4.13 ng
RT: 13.02 min Scan# 840
Delta R.T. -0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:172 Resp: 26260

Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.1	45.1
170	21.1	21.8	32.6#



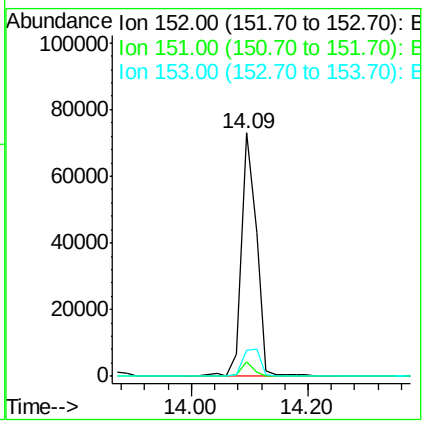


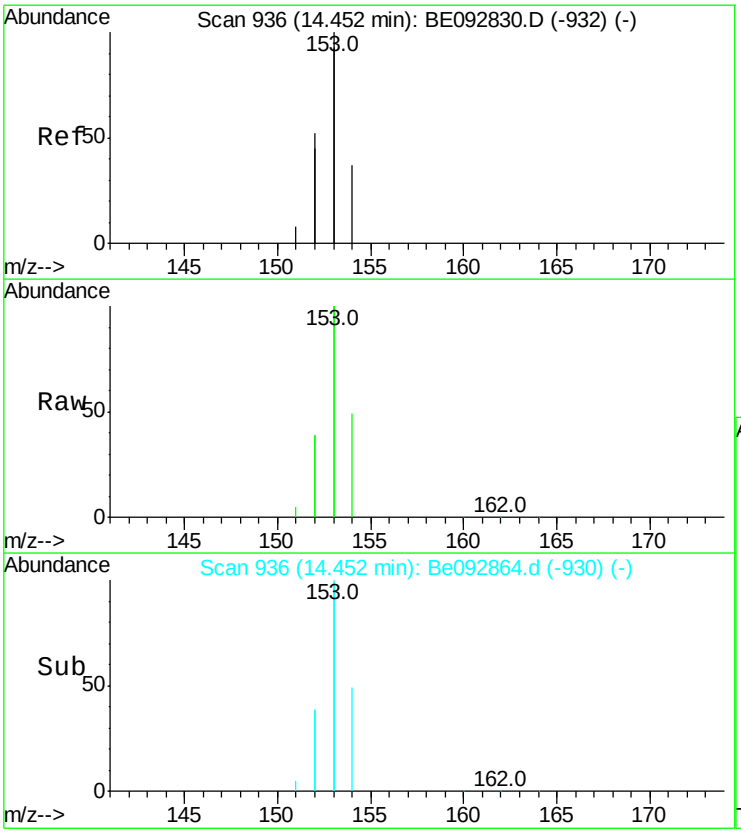
#15
Acenaphthylene
Concen: 4.35 ng
RT: 14.09 min Scan# 915
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 128555

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	13.1	10.4	15.6

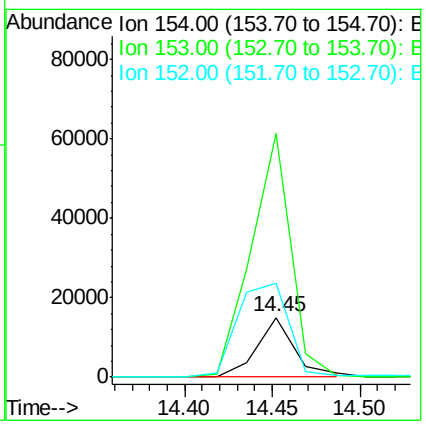


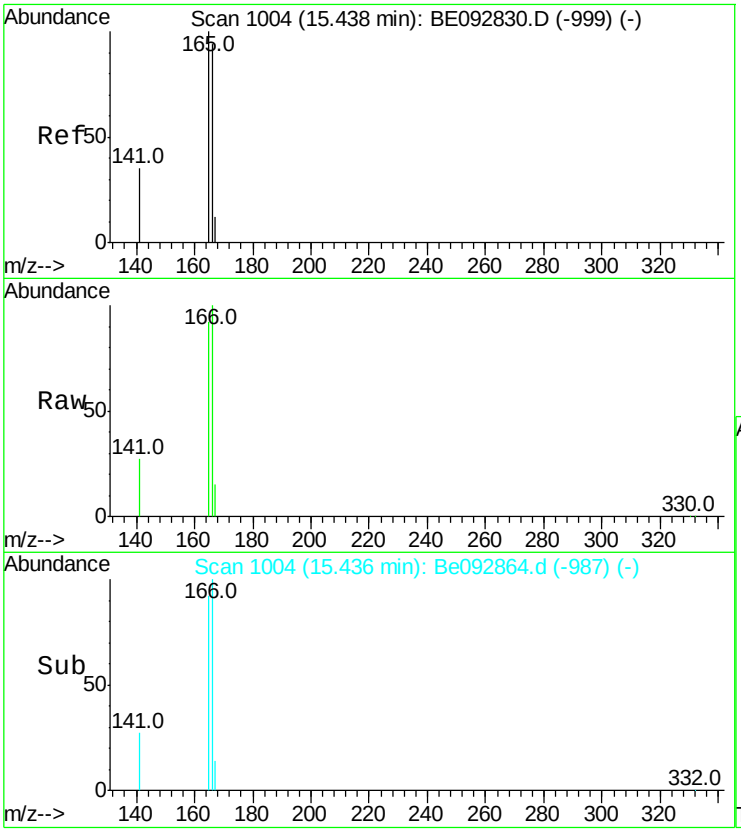


#16
Acenaphthene
Concen: 4.28 ng
RT: 14.45 min Scan# 936
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:154 Resp: 22567

Ion	Ratio	Lower	Upper
154	100		
153	427.1	350.8	526.2
152	212.4	171.1	256.7



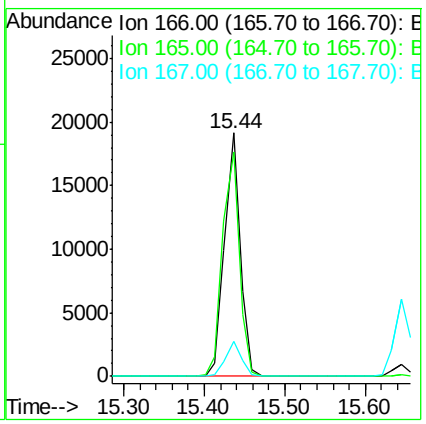


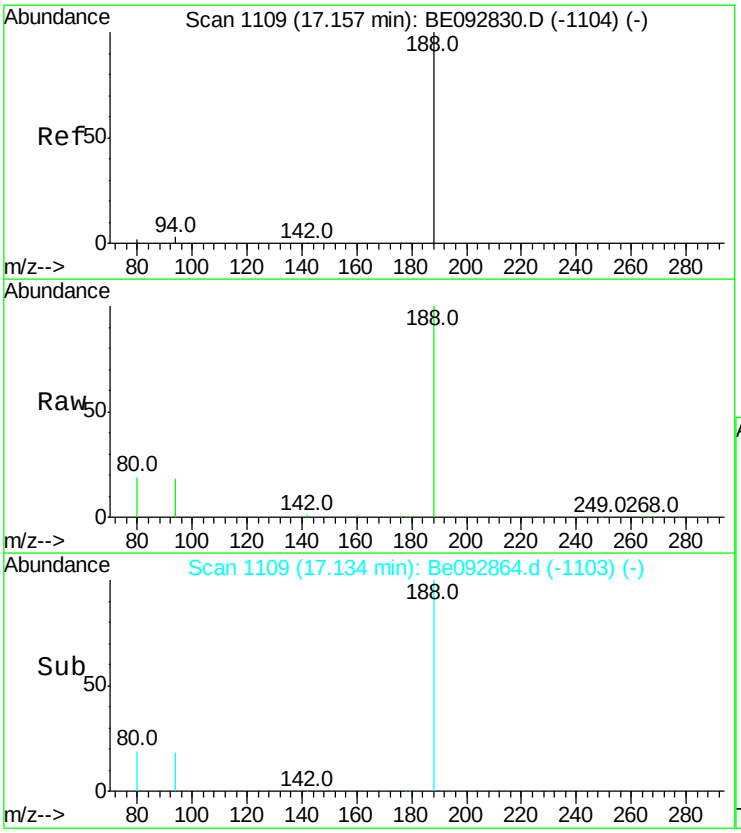
#17
Fluorene
Concen: 4.12 ng
RT: 15.44 min Scan# 1004
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 25880

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.2	117.4
167	14.2	11.0	16.4

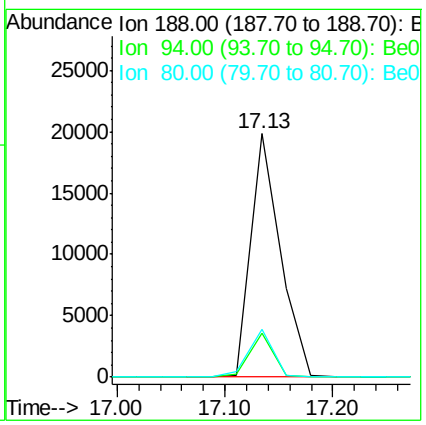


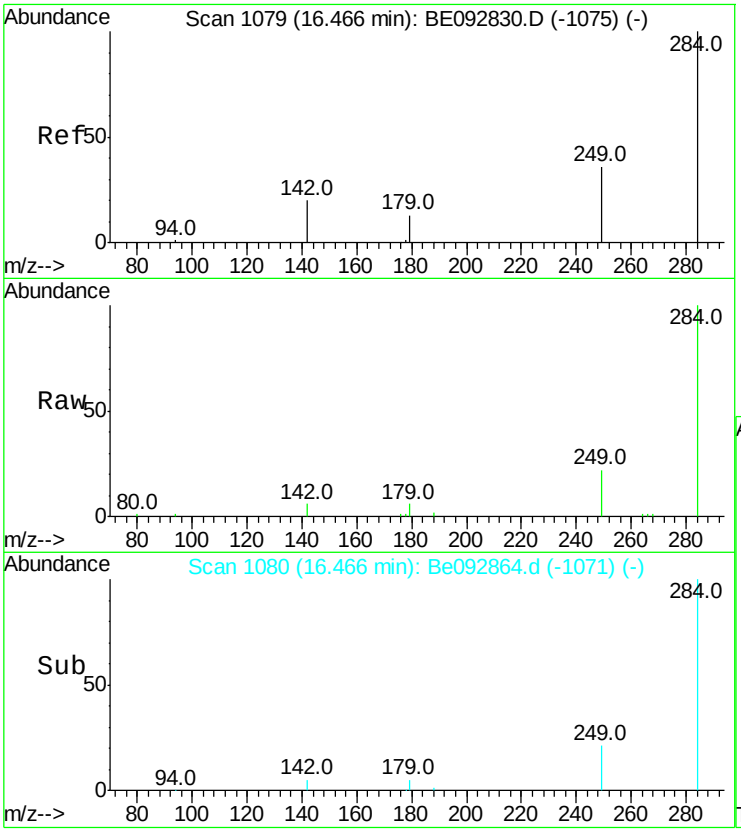


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.13 min Scan# 1109
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:188 Resp: 37600

Ion	Ratio	Lower	Upper
188	100		
94	18.2	3.2	4.8#
80	19.4	2.6	3.8#



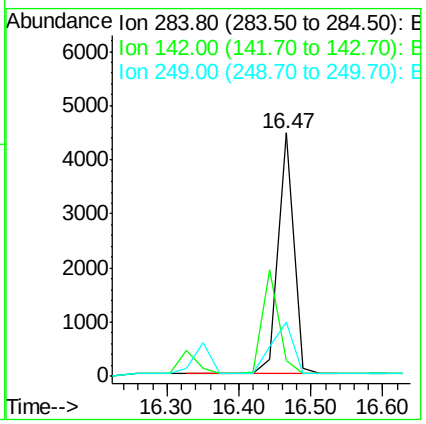


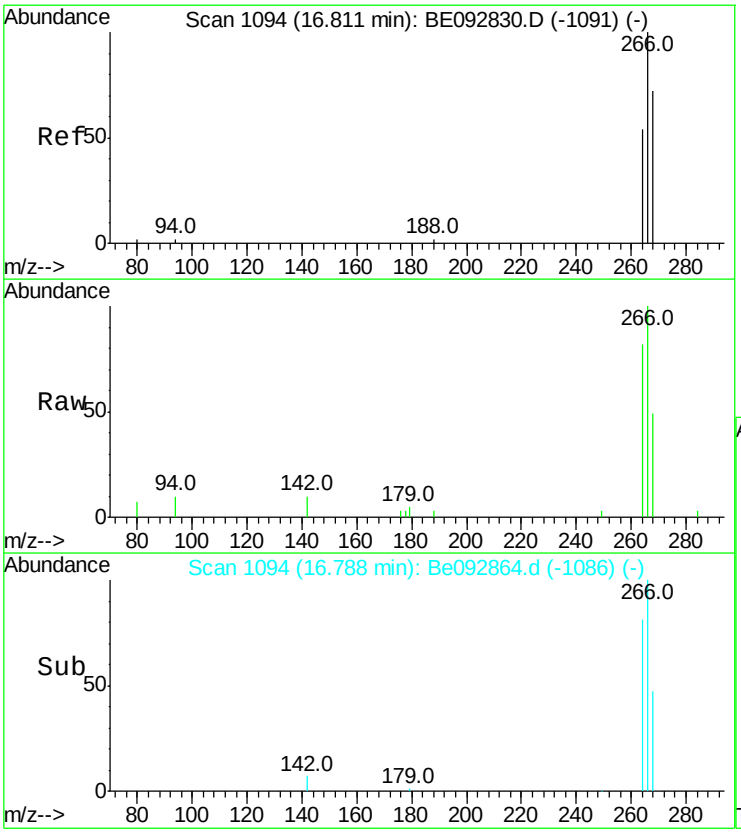
#19
Hexachlorobenzene
Concen: 4.80 ng
RT: 16.47 min Scan# 1080
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 6693

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	29.9	27.9	41.9

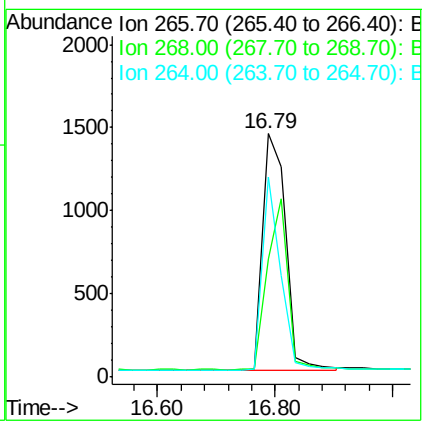


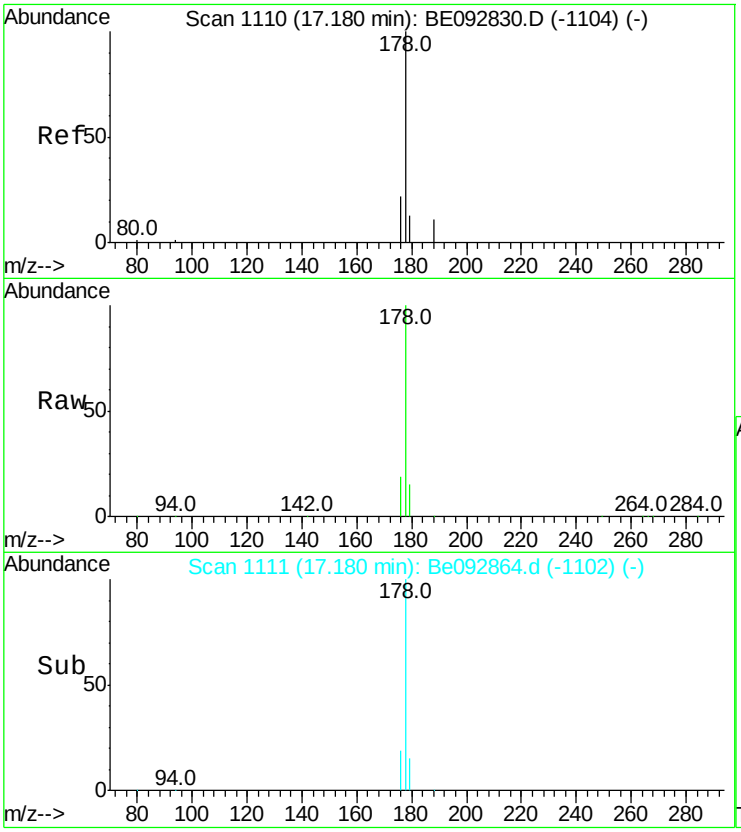


#20
Pentachlorophenol
Concen: 8.37 ng
RT: 16.79 min Scan# 1094
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:266 Resp: 3858

Ion	Ratio	Lower	Upper
266	100		
268	48.6	62.5	93.7#
264	82.0	57.2	85.8



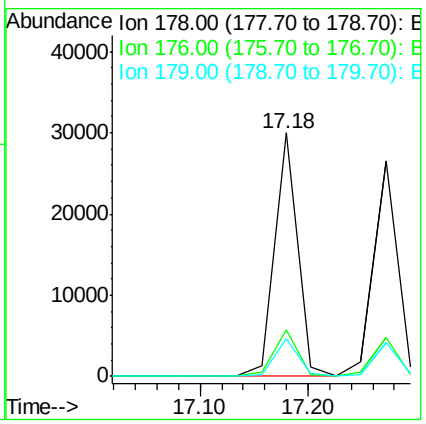


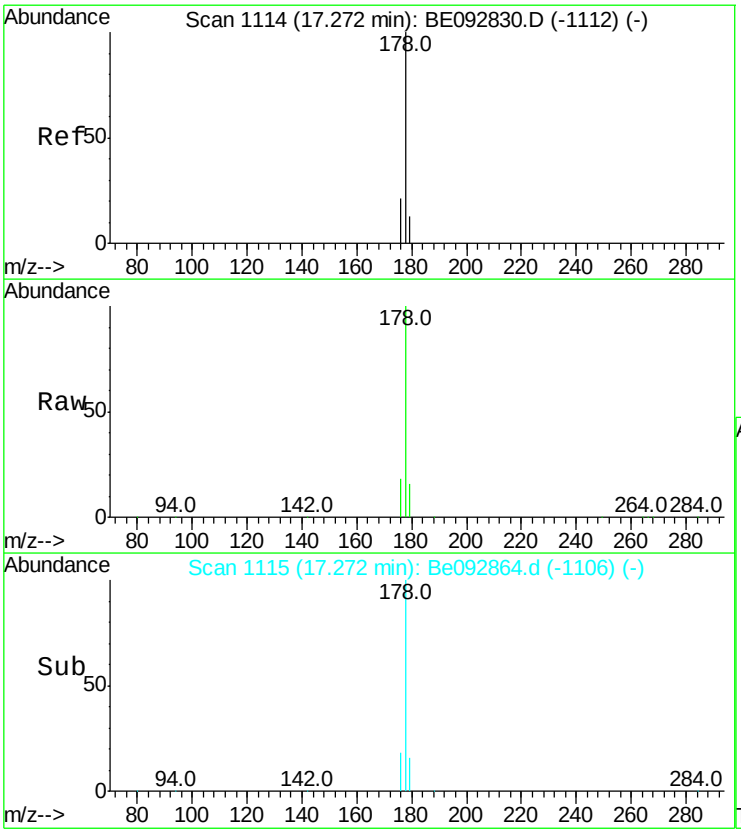
#21
Phenanthrene
Concen: 4.91 ng
RT: 17.18 min Scan# 1111
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 44890

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.2	16.0	24.0#

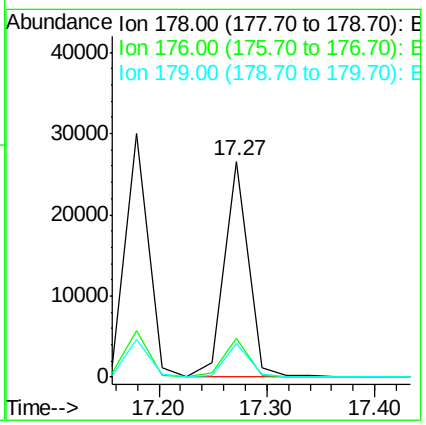


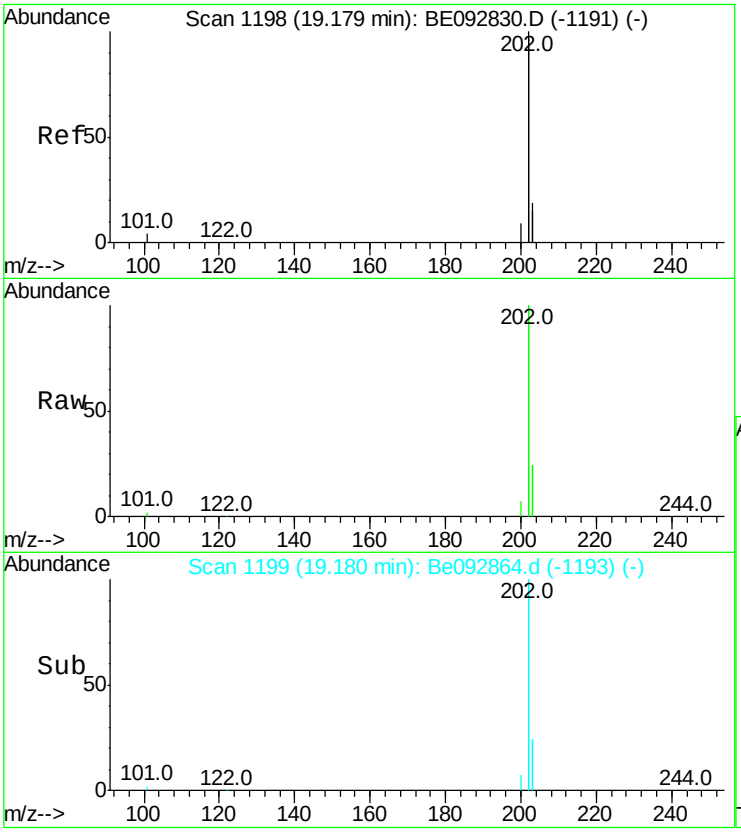


#22
Anthracene
Concen: 4.91 ng
RT: 17.27 min Scan# 1115
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:178 Resp: 40813

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.0	22.4
179	15.6	12.2	18.2



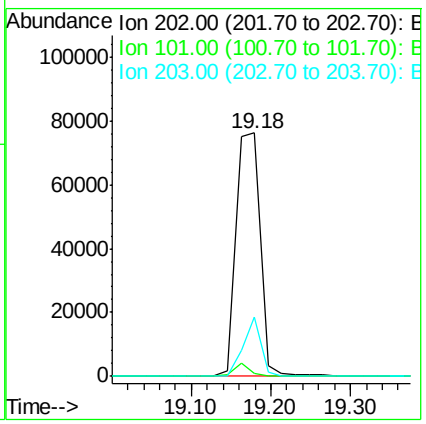


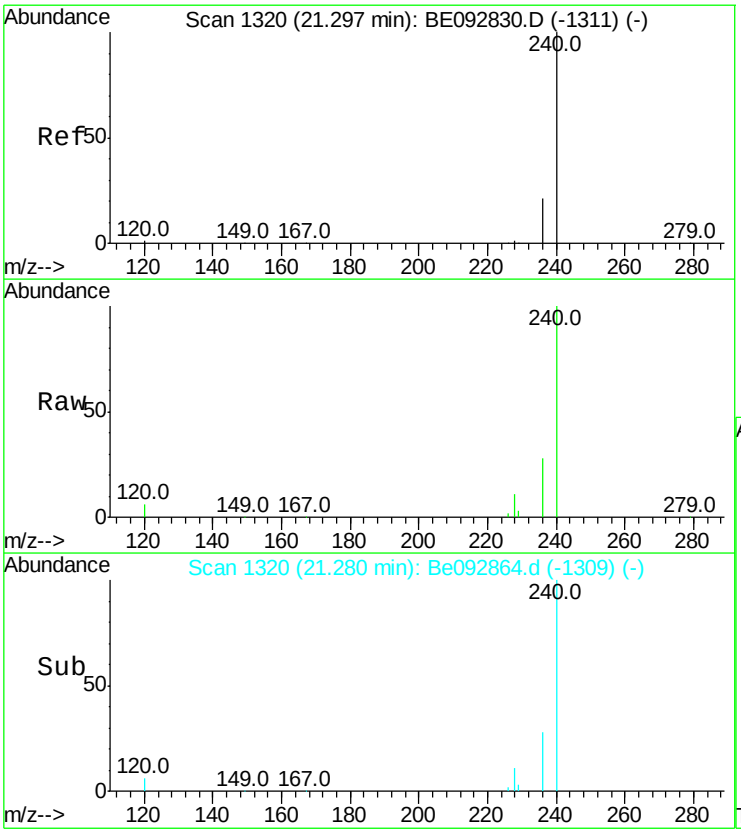
#23
Fluoranthene
Concen: 3.82 ng
RT: 19.18 min Scan# 1199
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 160656

Ion	Ratio	Lower	Upper
202	100		
101	3.3	2.2	3.4
203	17.8	13.7	20.5

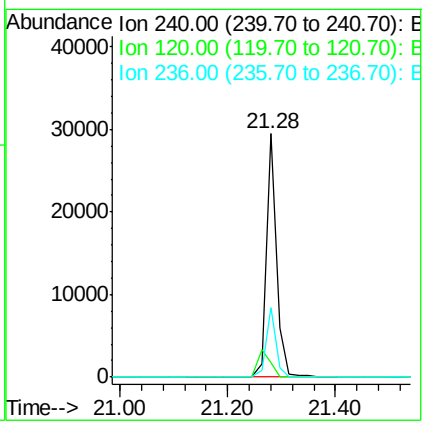


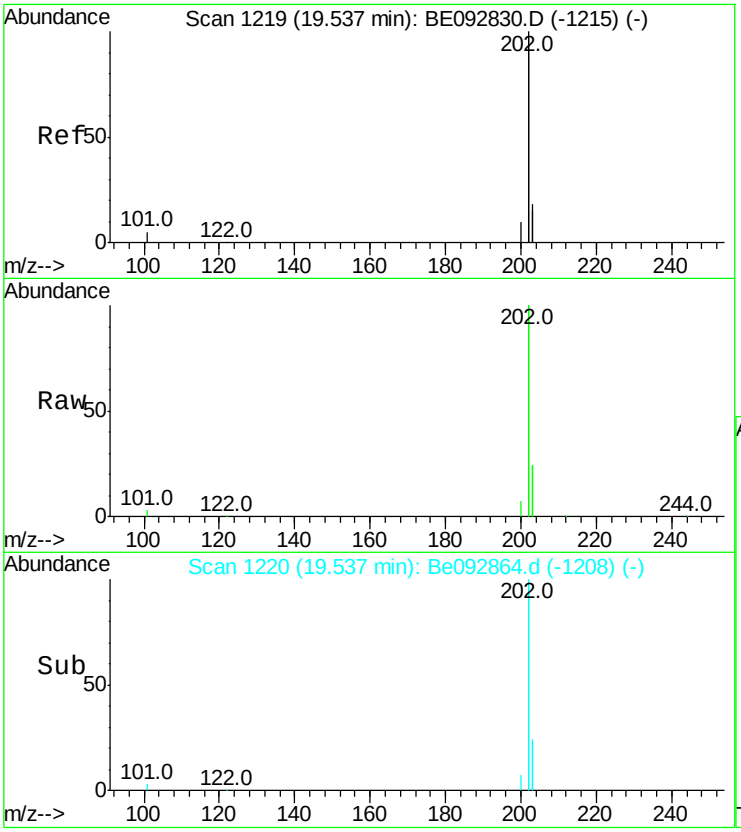


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1320
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:240 Resp: 39182

Ion	Ratio	Lower	Upper
240	100		
120	5.9	2.6	4.0#
236	28.4	24.6	37.0



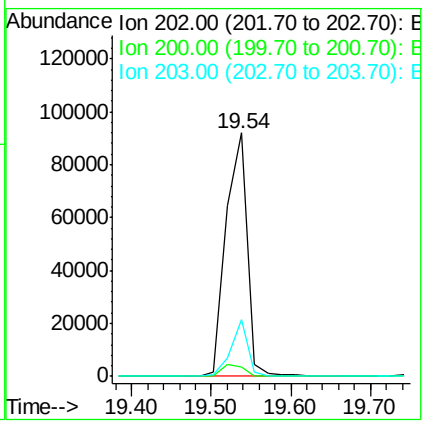


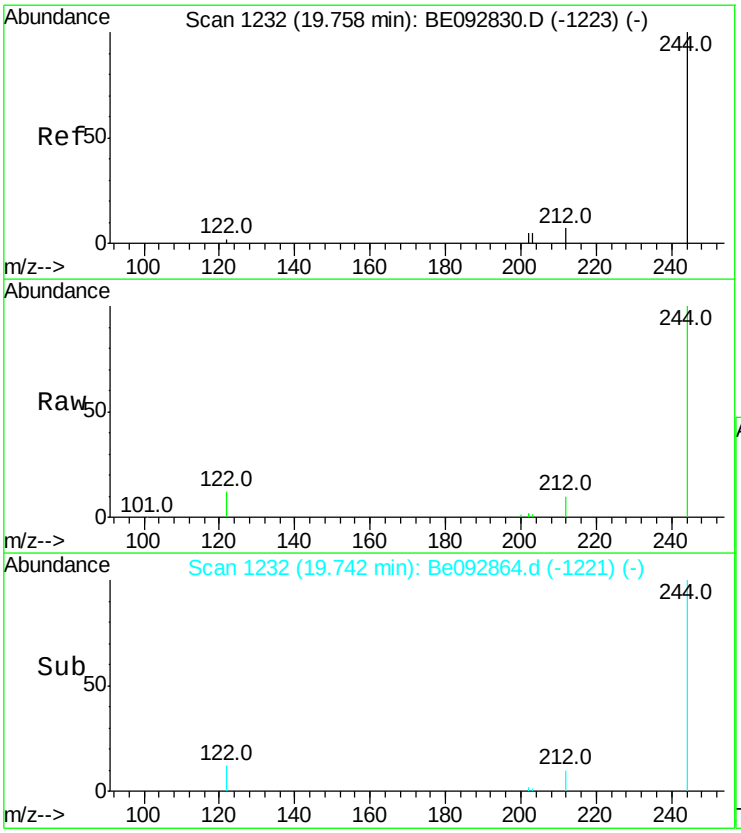
#25
Pyrene
Concen: 4.28 ng
RT: 19.54 min Scan# 1220
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 166896

Ion	Ratio	Lower	Upper
202	100		
200	5.1	4.2	6.4
203	18.6	13.9	20.9

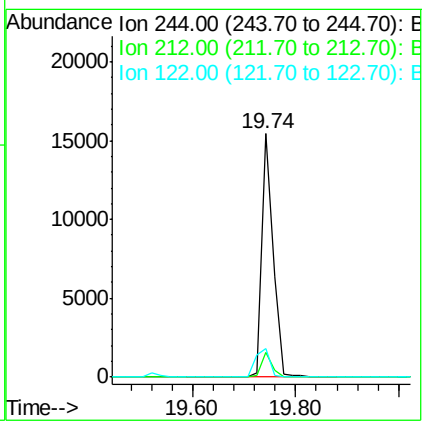


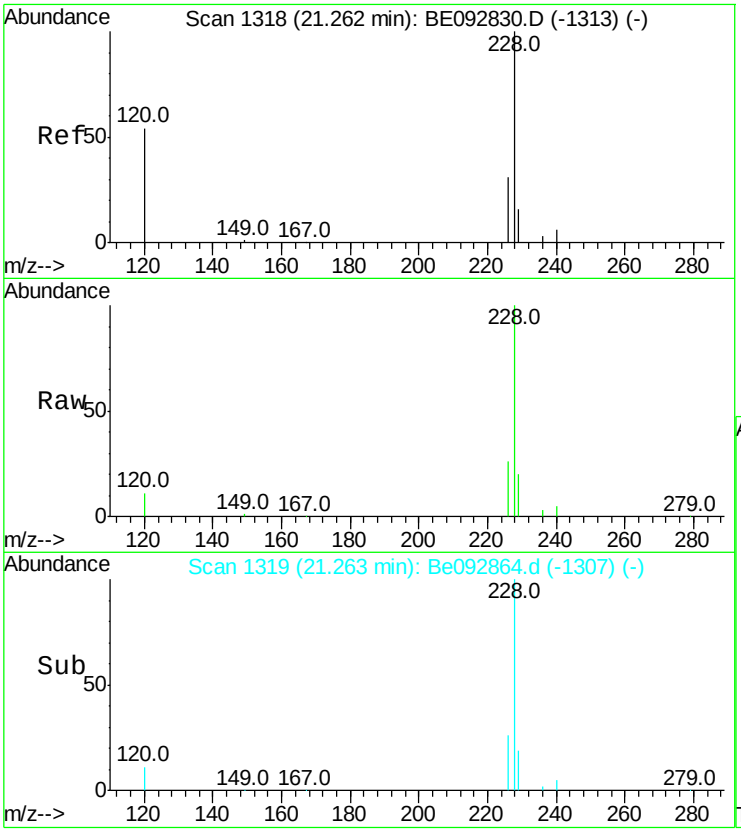


#26
Terphenyl-d14
Concen: 3.36 ng
RT: 19.74 min Scan# 1232
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:244 Resp: 22787

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	11.9	3.6	5.4#



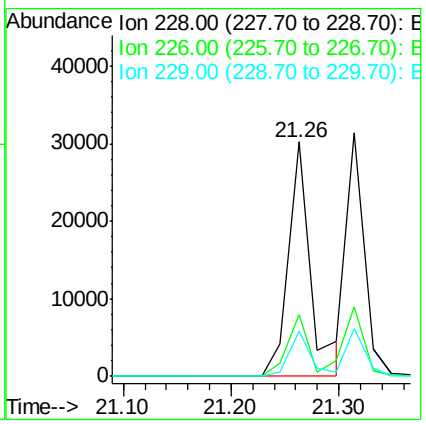


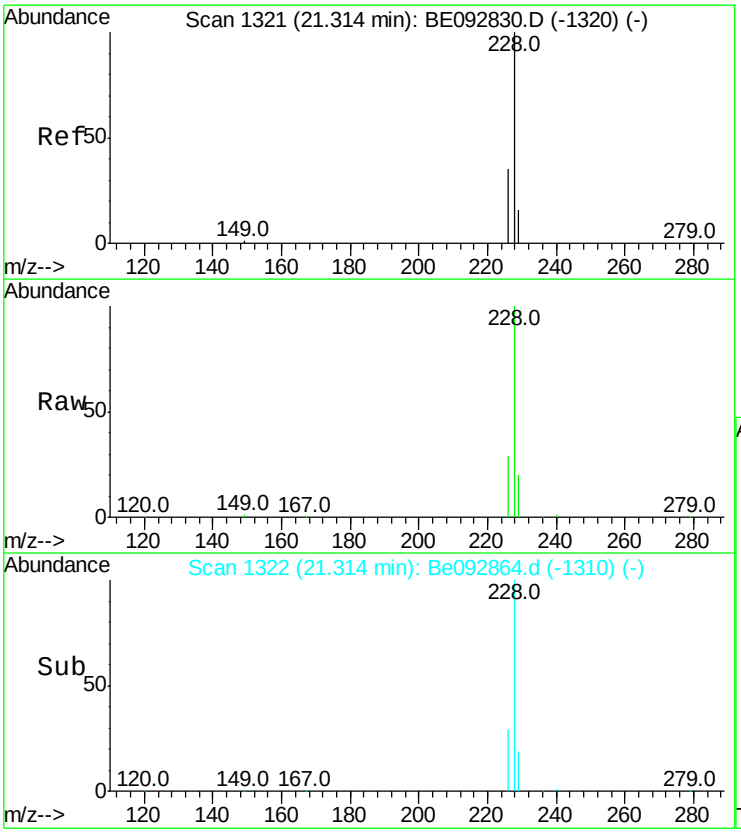
#27
Benzo(a)anthracene
Concen: 4.69 ng
RT: 21.26 min Scan# 1319
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 43513

Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.6	35.4
229	19.6	13.3	19.9

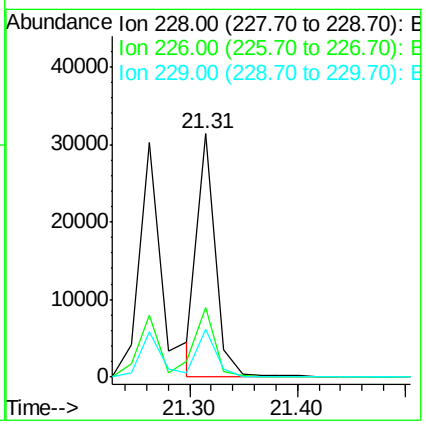


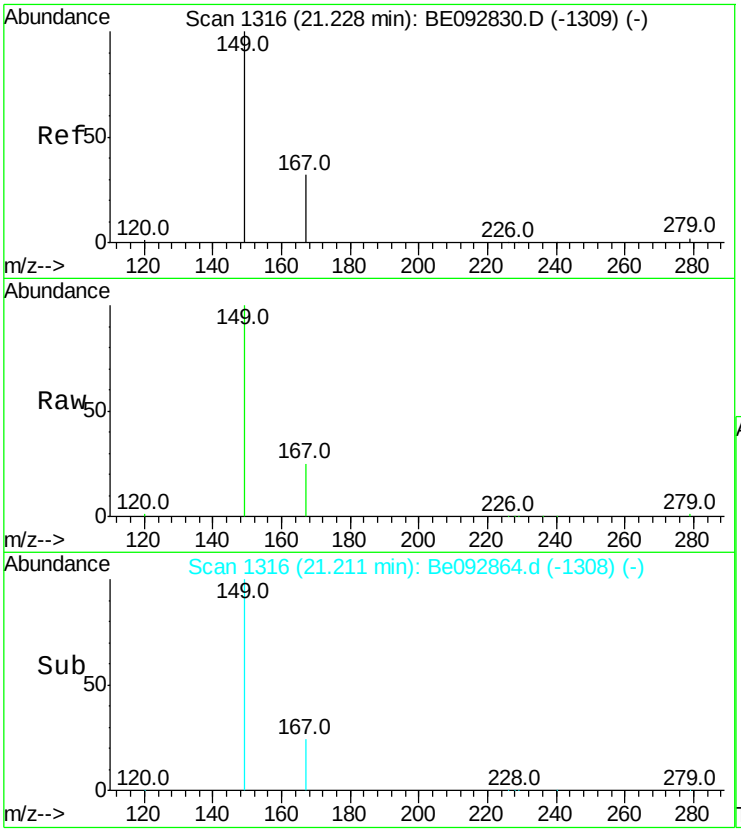


#28
Chrysene
Concen: 3.74 ng
RT: 21.31 min Scan# 1322
Delta R.T. 0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:228 Resp: 36658

Ion	Ratio	Lower	Upper
228	100		
226	28.6	36.3	54.5#
229	19.6	10.6	16.0#



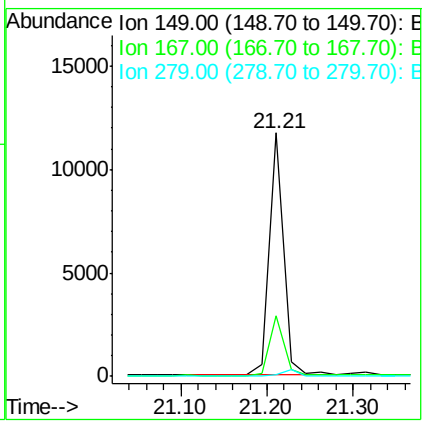


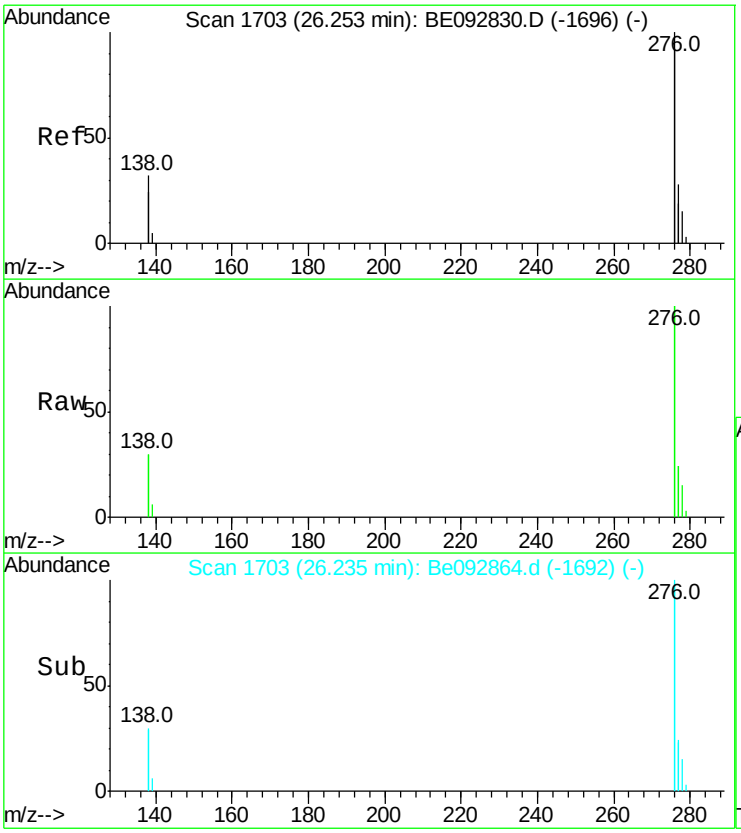
#29
Bis(2-ethylhexyl)phthalate
Concen: 4.10 ng
RT: 21.21 min Scan# 1316
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 13529

Ion	Ratio	Lower	Upper
149	100		
167	24.9	16.0	24.0#
279	2.5	16.0	24.0#

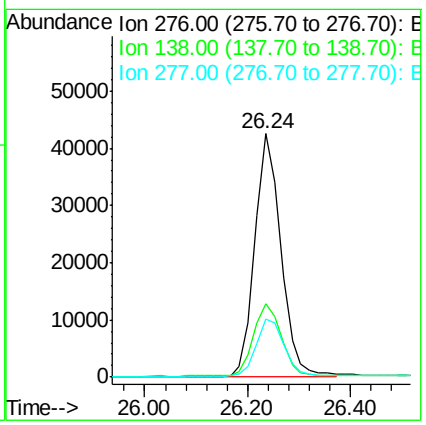


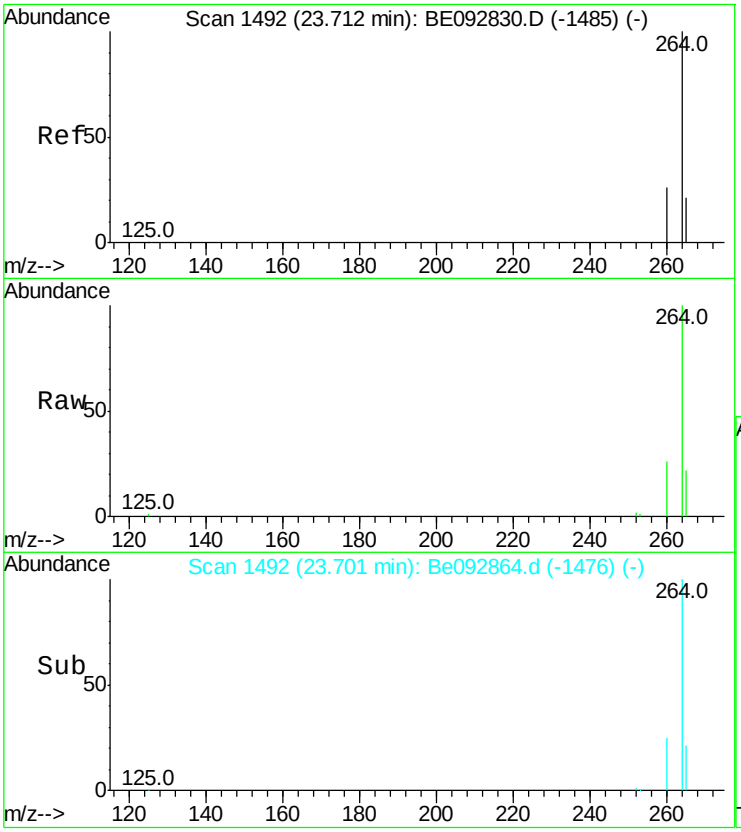


#30
Indeno(1,2,3-cd)pyrene
Concen: 3.98 ng
RT: 26.24 min Scan# 1703
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:276 Resp: 146767

Ion	Ratio	Lower	Upper
276	100		
138	32.0	20.3	30.5#
277	25.0	19.7	29.5



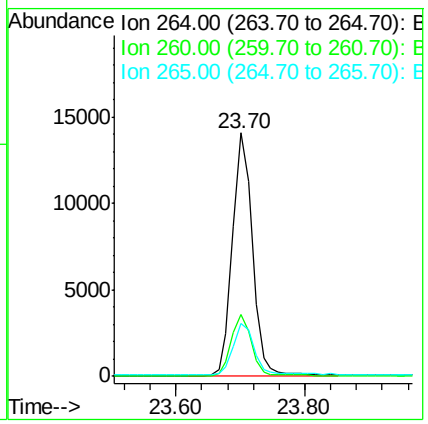


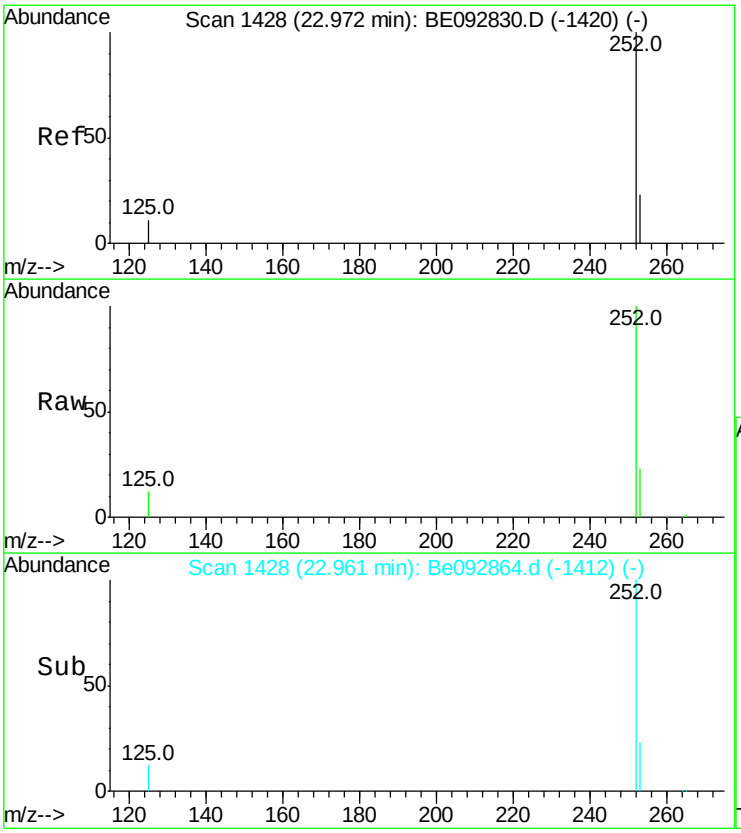
#31
Perylene-d12
Concen: 5.00 ng
RT: 23.70 min Scan# 1492
Delta R.T. -0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 29983

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.1	30.1
265	21.8	17.9	26.9

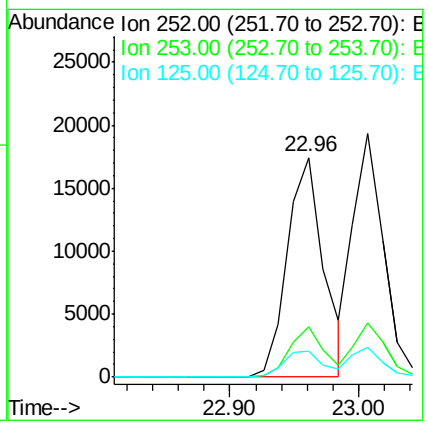


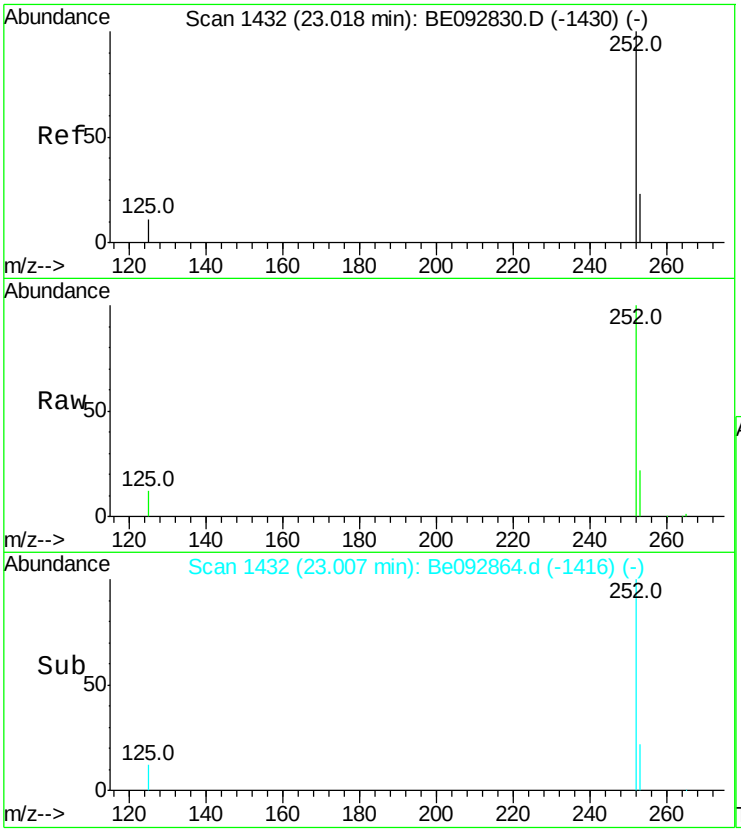


#32
Benzo(b)fluoranthene
Concen: 4.25 ng
RT: 22.96 min Scan# 1428
Delta R.T. -0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:252 Resp: 33953

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.7	28.1
125	11.9	10.5	15.7



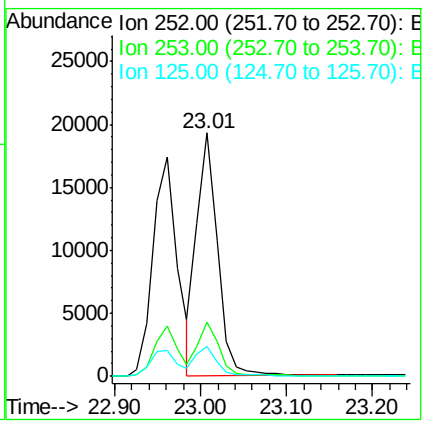


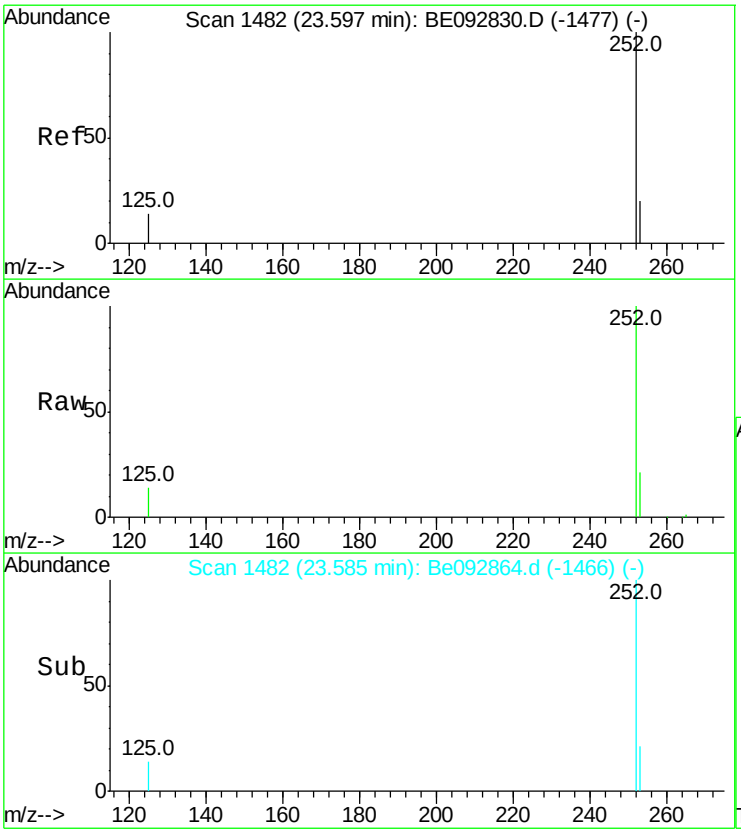
#33
Benzo(k)fluoranthene
Concen: 4.50 ng
RT: 23.01 min Scan# 1432
Delta R.T. -0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 32152

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	12.3	9.6	14.4

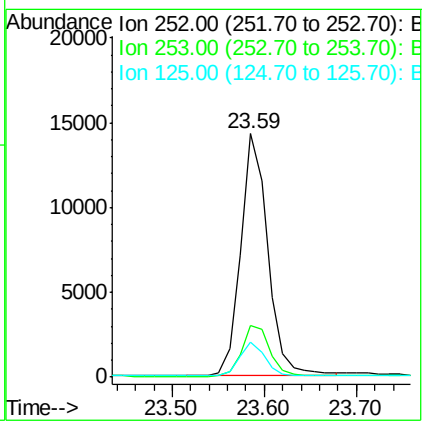


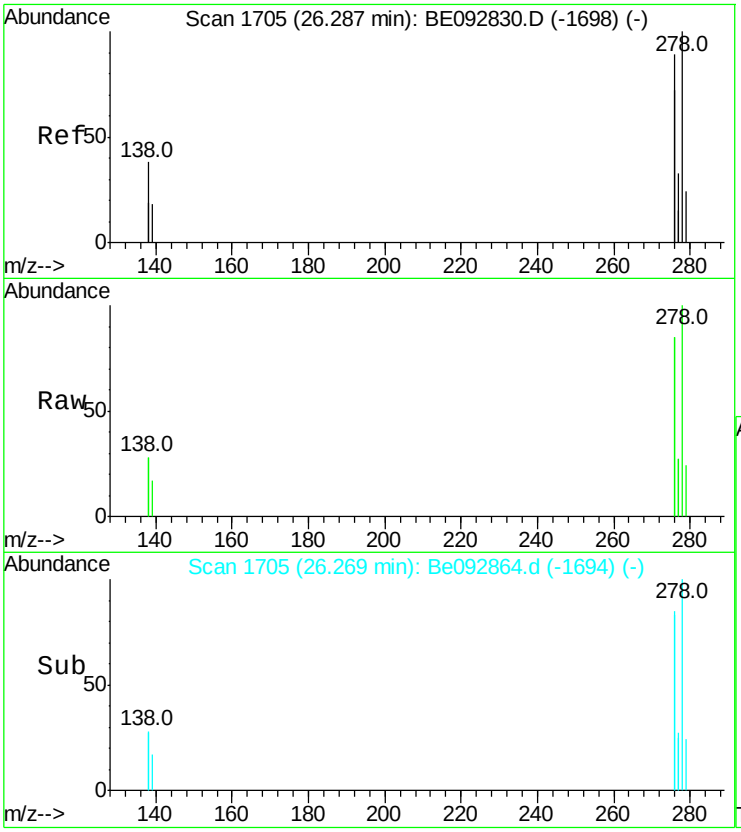


#34
Benzo(a)pyrene
Concen: 4.43 ng
RT: 23.59 min Scan# 1482
Delta R.T. -0.01 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:252 Resp: 29254

Ion	Ratio	Lower	Upper
252	100		
253	21.0	19.0	28.6
125	14.4	11.8	17.8



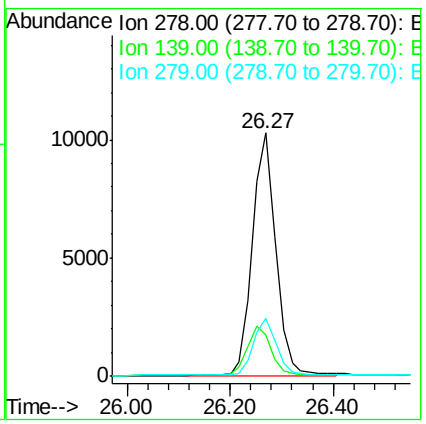


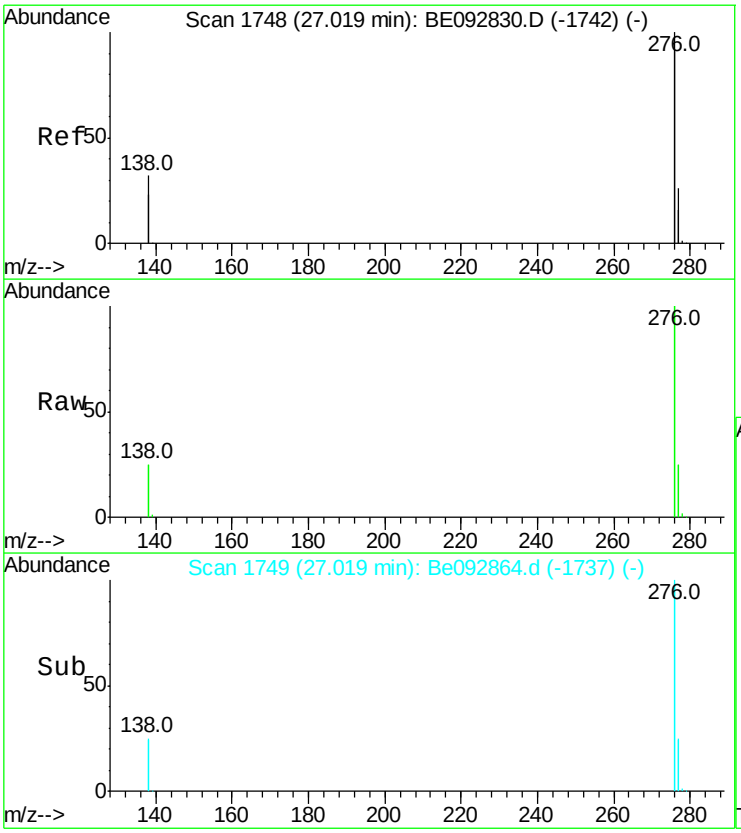
#35
Dibenzo(a,h)anthracene
Concen: 4.55 ng
RT: 26.27 min Scan# 1705
Delta R.T. -0.02 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 31932

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.8	20.8
279	24.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.37 ng
RT: 27.02 min Scan# 1749
Delta R.T. -0.00 min
Lab File: Be092864.d
Acq: 29 Mar 2017 13:32

Tgt Ion:276 Resp: 127005

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	24.9	19.8	29.6