Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
Data File : BE092503.D
Acq On : 8 Nov 2016 11:30
Operator : UM/SJ
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Nov 08 12:53:57 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE110816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:49:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	7660	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	36693	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	25822	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	59686	5.00	ng		0.00
24) Chrysene-d12	21.72	240	86948	5.00	ng		0.00
31) Perylene-d12	24.09	264	83771	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.66	112	621	0.53	ng		0.00
5) Phenol-d6	7.34	99	789	0.49	ng		0.00
8) Nitrobenzene-d5	9.22	82	97	0.05	ng		-0.12
13) 2,4,6-Tribromophenol	16.31	330	229	0.45	ng		0.00
14) 2-Fluorobiphenyl	13.43	172	2473	0.39	ng		0.00
26) Terphenyl-d14	20.17	244	3880	0.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	417	0.42	ng		97
3) n-Nitrosodimethylamine	3.76	42	483	0.53	ng	#	90
6) bis(2-Chloroethyl)ether	7.59	93	907	0.47	ng	#	28
9) Naphthalene	10.99	128	3192	0.40	ng		99
10) Hexachlorobutadiene	11.28	225	495	0.41	ng		99
11) 2-Methylnaphthalene	12.62	142	1980	0.39	ng		96
15) Acenaphthylene	14.53	152	13885	0.38	ng		100
16) Acenaphthene	14.87	154	2319	0.39	ng		96
17) Fluorene	15.86	166	2857	0.41	ng		100
19) Hexachlorobenzene	16.87	284	846	0.32	ng	#	76
20) Pentachlorophenol	17.23	266	224	0.48	ng		98
21) Phenanthrene	17.60	178	5040	0.33	ng		95
22) Anthracene	17.70	178	4850	0.35	ng		98
23) Fluoranthene	19.59	202	25338	0.41	ng		99
25) Pyrene	19.95	202	26246	0.35	ng		100
27) Benzo(a)anthracene	21.70	228	70214	0.87	ng		95
28) Chrysene	21.70	228	70707	0.84	ng	#	84
29) Bis(2-ethylhexyl)phthalate	21.63	149	3263	0.49	ng	#	72
30) Indeno(1,2,3-cd)pyrene	26.56	276	38903	0.52	ng		99
32) Benzo(b)fluoranthene	23.36	252	13126	0.63	ng		98
33) Benzo(k)fluoranthene	23.40	252	13006	0.63	ng		97
34) Benzo(a)pyrene	23.97	252	8374	0.44	ng		99
35) Dibenzo(a,h)anthracene	26.60	278	7952	0.45	ng		99
36) Benzo(g,h,i)perylene	27.33	276	32627	0.43	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE110816\
Data File : BE092503.D
Acq On : 8 Nov 2016 11:30
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Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 08 12:53:57 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:49:14 2016
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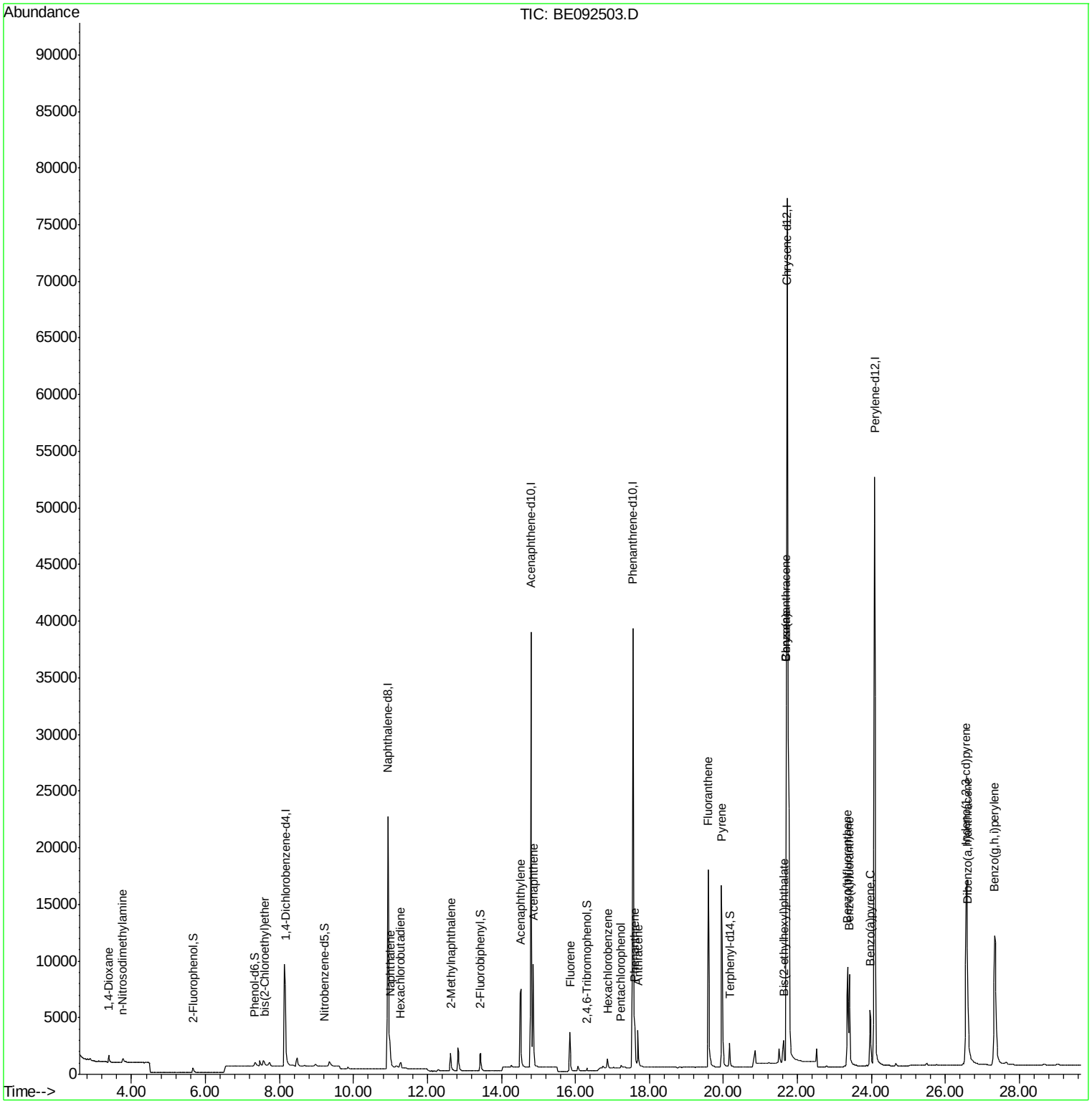
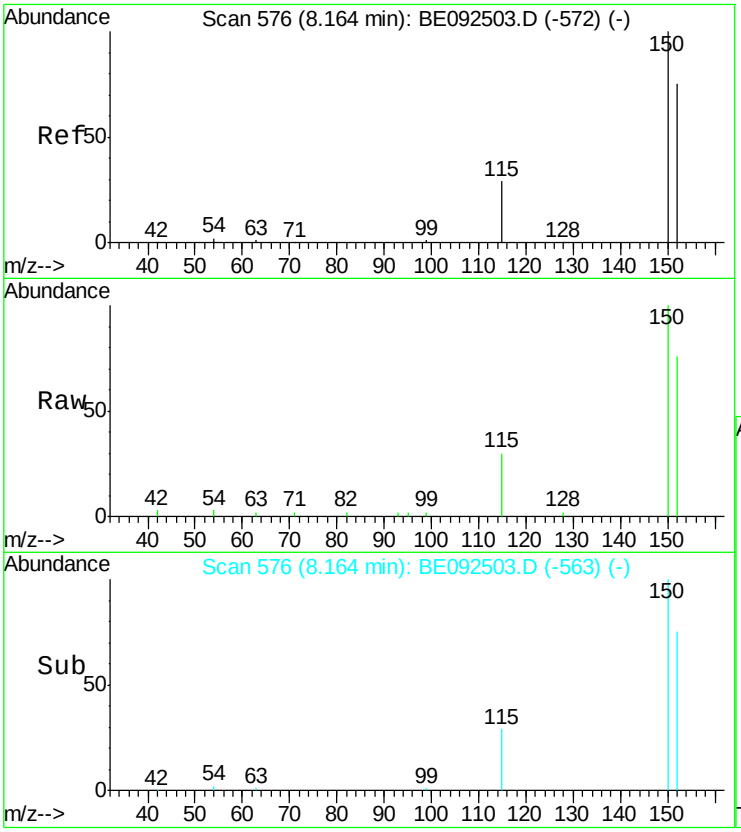


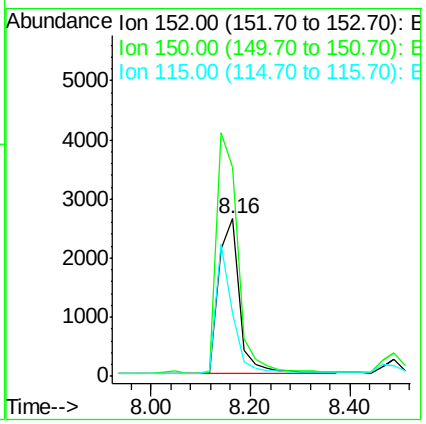


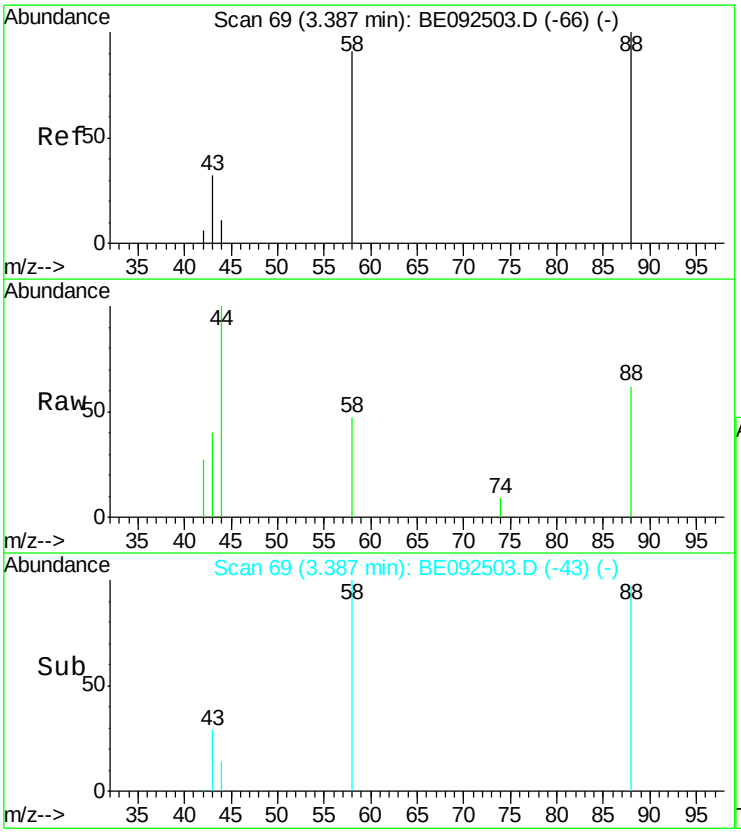
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 7660

Ion	Ratio	Lower	Upper
152	100		
150	132.1	106.0	159.0
115	39.7	31.2	46.8

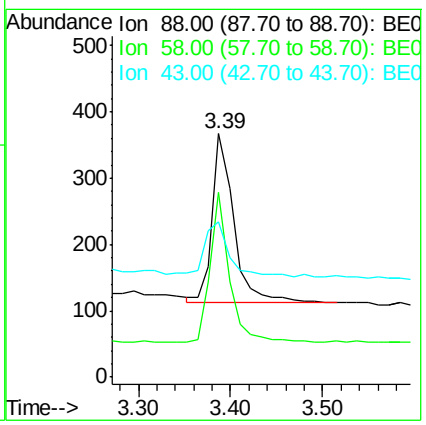


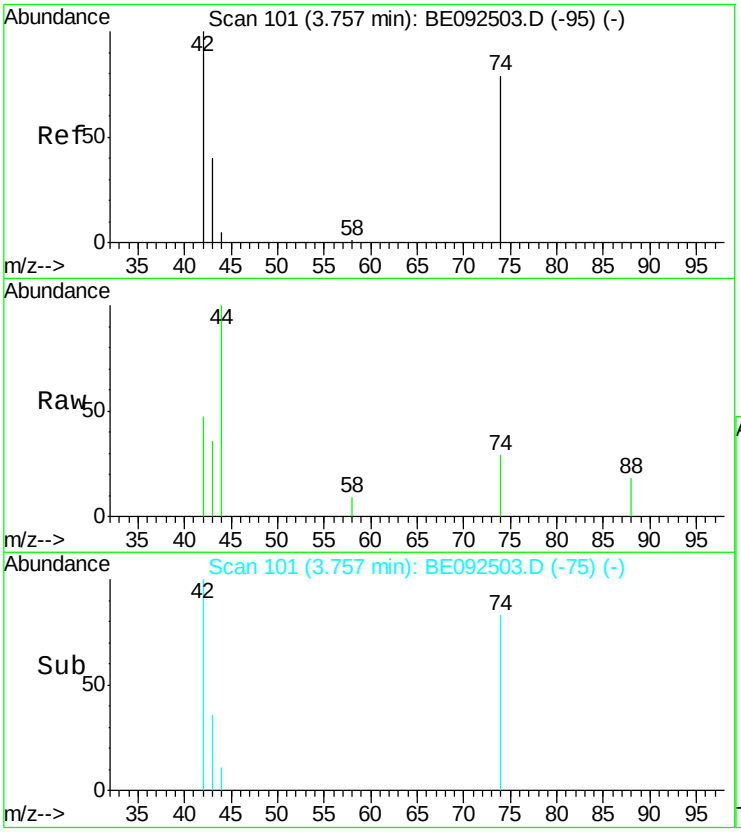


#2
1,4-Dioxane
Concen: 0.42 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion: 88 Resp: 417

Ion	Ratio	Lower	Upper
88	100		
58	77.2	63.6	95.4
43	37.9	28.0	42.0



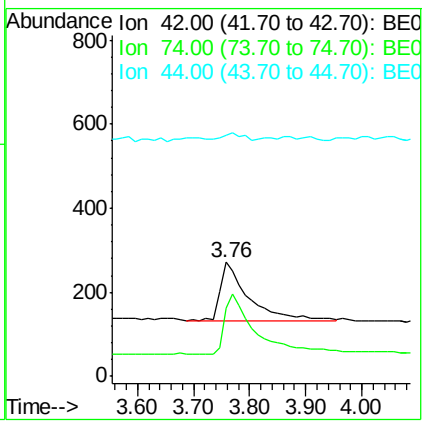


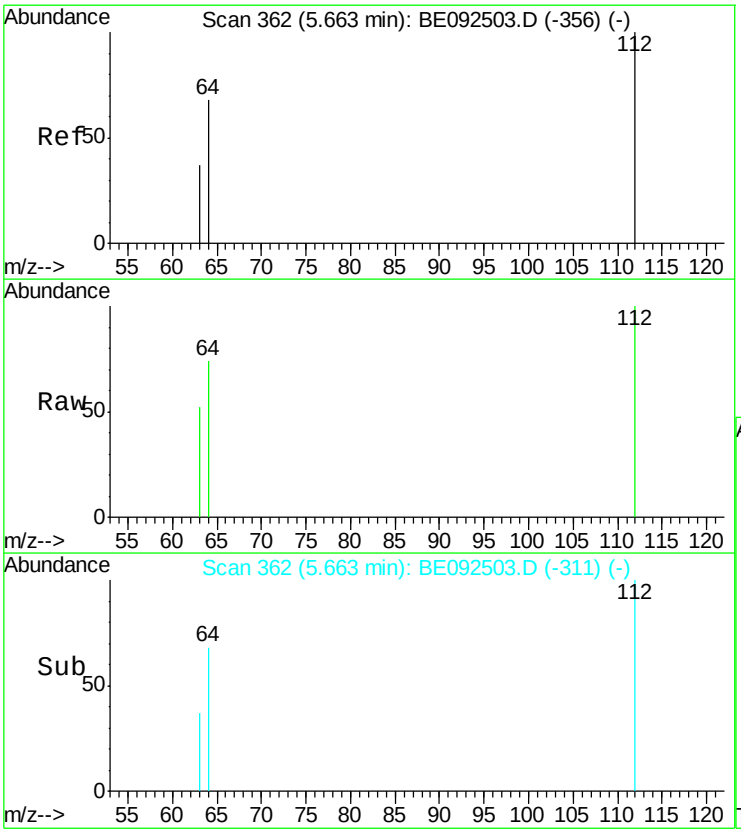
#3
n-Nitrosodimethylamine
Concen: 0.53 ng
RT: 3.76 min Scan# 101
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 42 Resp: 483

Ion	Ratio	Lower	Upper
42	100		
74	118.0	86.0	129.0
44	8.3	5.1	7.7#

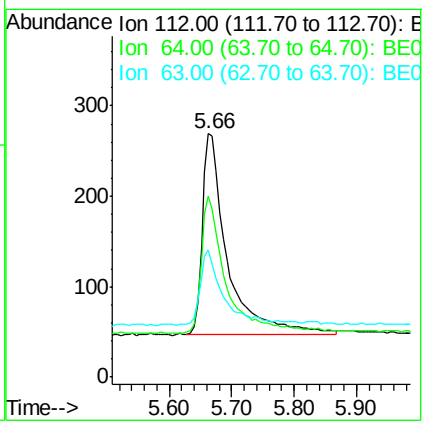


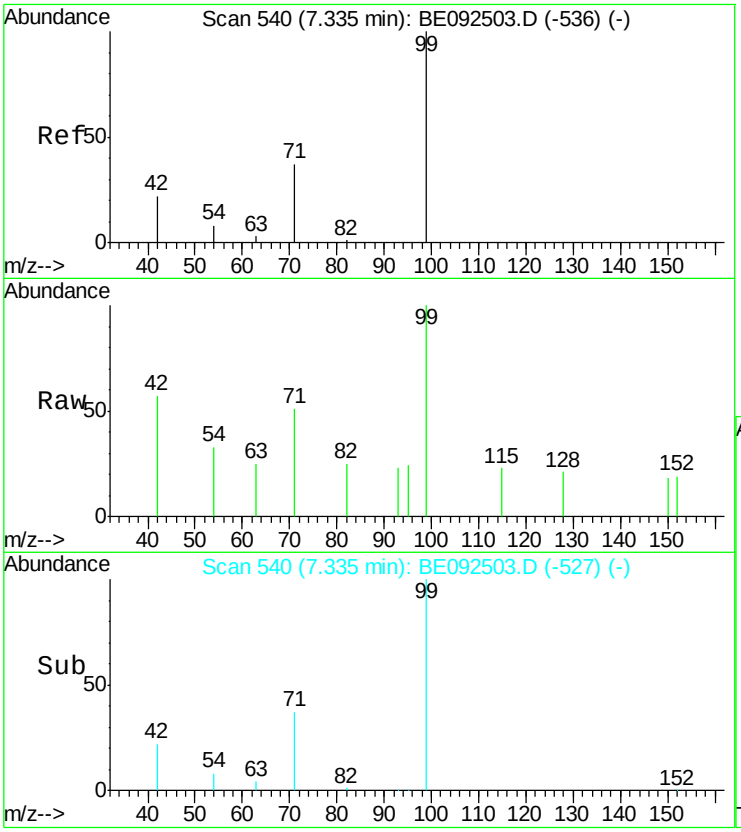


#4
2-Fluorophenol
Concen: 0.53 ng
RT: 5.66 min Scan# 362
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:112 Resp: 621

Ion	Ratio	Lower	Upper
112	100		
64	65.2	53.5	80.3
63	34.5	27.9	41.9



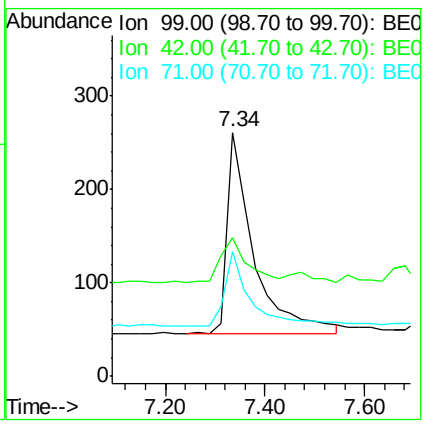


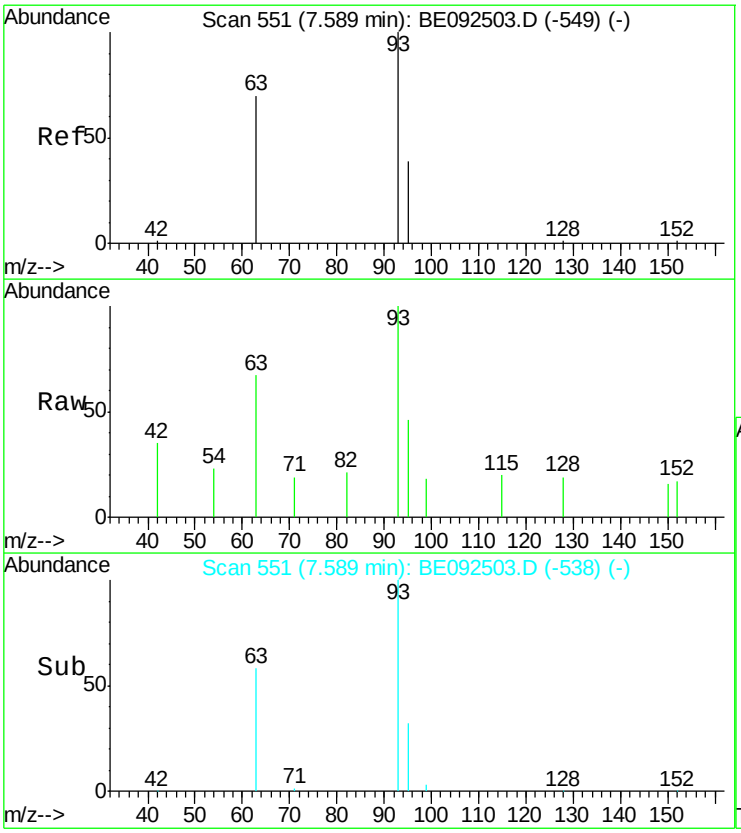
#5
Phenol-d6
Concen: 0.49 ng
RT: 7.34 min Scan# 540
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 789

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.0	24.0
71	35.0	30.6	45.8

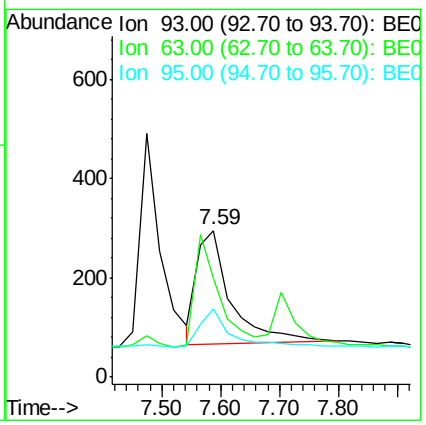


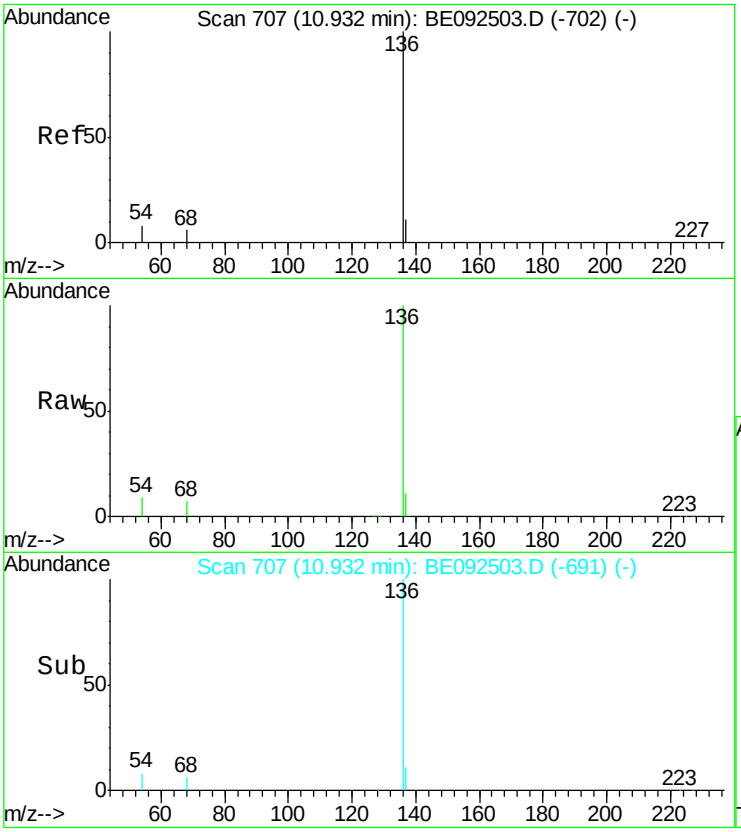


#6
bis(2-Chloroethyl)ether
Concen: 0.47 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion: 93 Resp: 907

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	30.7	24.0	36.0



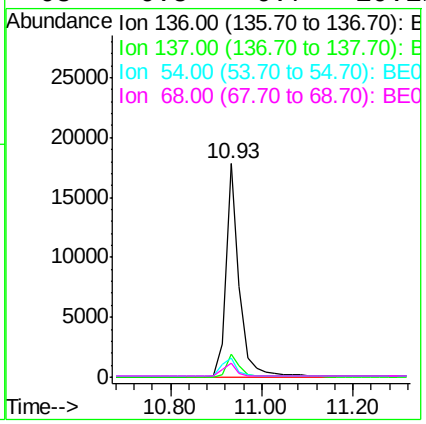


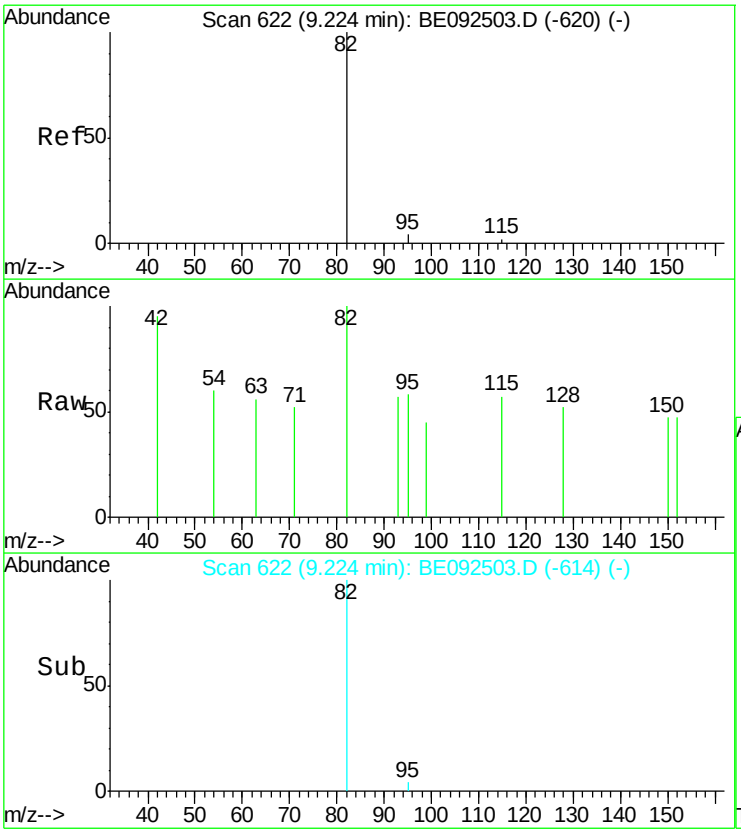
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 36693

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.2	12.4
54	8.8	9.6	14.4#
68	6.5	6.7	10.1#

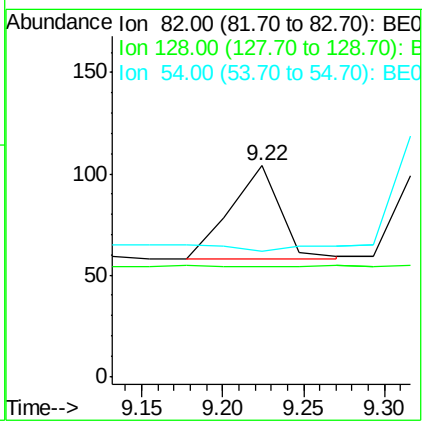


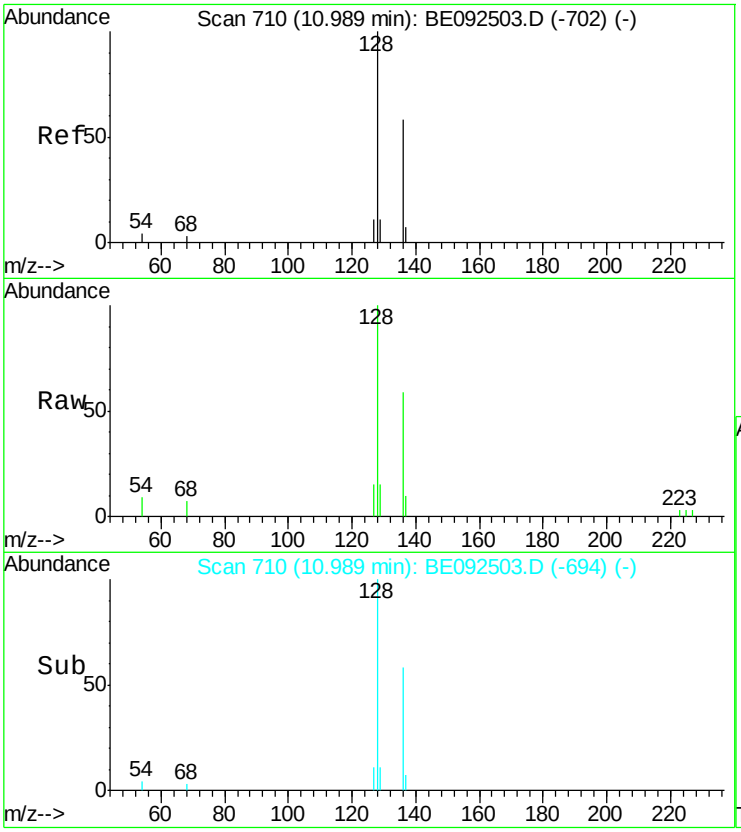


#8
Nitrobenzene-d5
Concen: 0.05 ng
RT: 9.22 min Scan# 622
Delta R.T. -0.12 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion: 82 Resp: 97

Ion	Ratio	Lower	Upper
82	100		
128	51.9	39.0	58.4
54	59.6	44.8	67.2



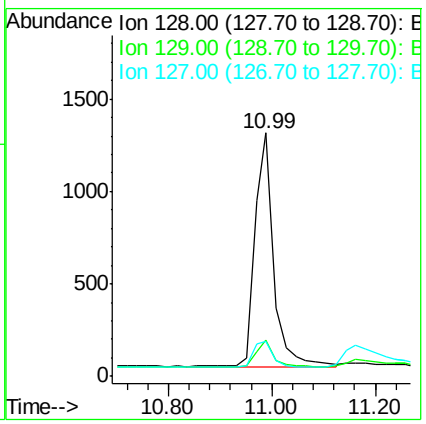


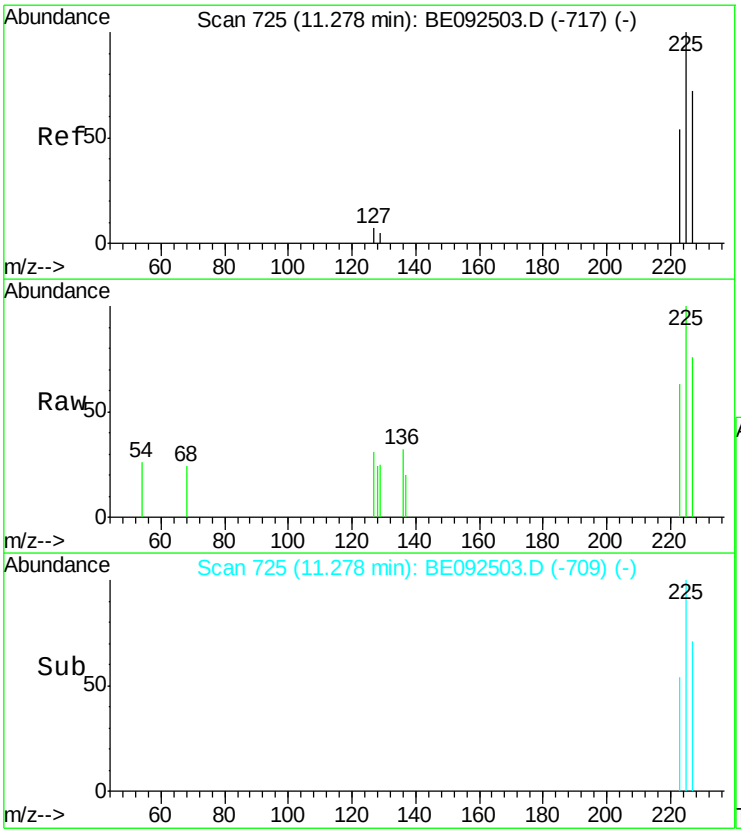
#9
Naphthalene
Concen: 0.40 ng
RT: 10.99 min Scan# 710
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 3192

Ion	Ratio	Lower	Upper
128	100		
129	14.7	11.2	16.8
127	14.5	11.6	17.4

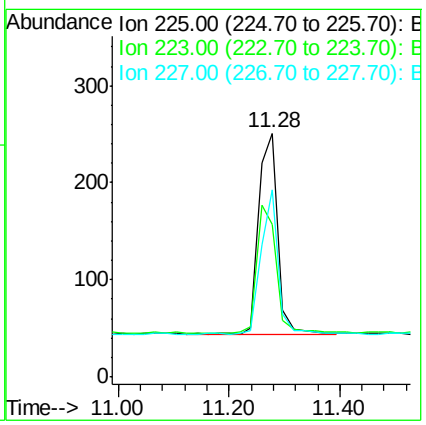


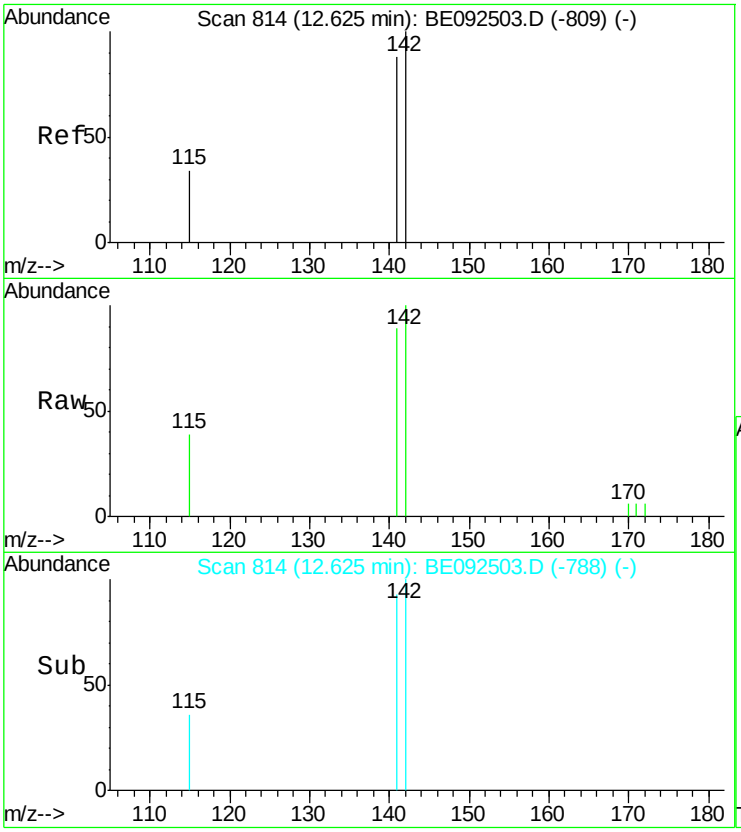


#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 11.28 min Scan# 725
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:225 Resp: 495

Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.6	76.0
227	65.1	51.4	77.0



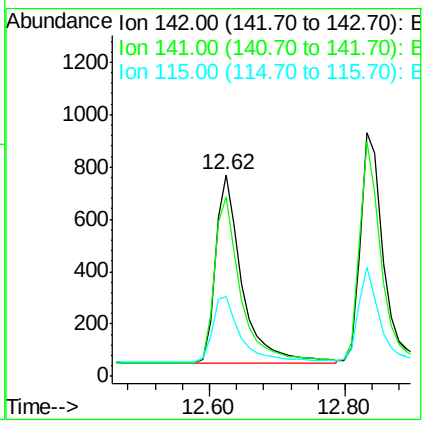


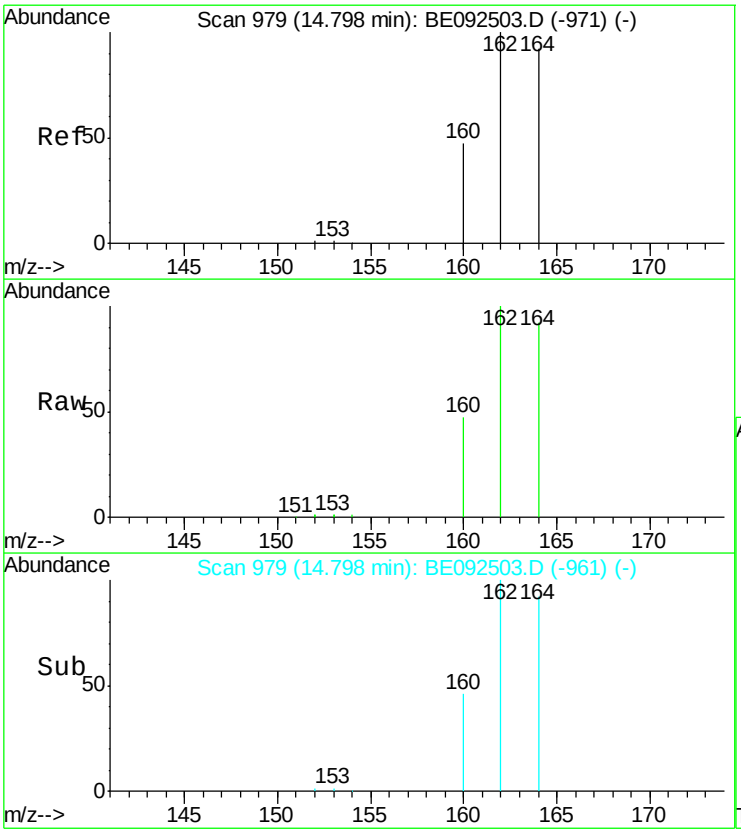
#11
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.62 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:142 Resp: 1980

Ion	Ratio	Lower	Upper
142	100		
141	89.0	73.7	110.5
115	39.4	34.0	51.0

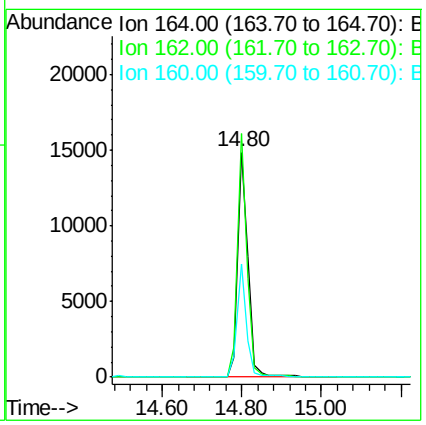


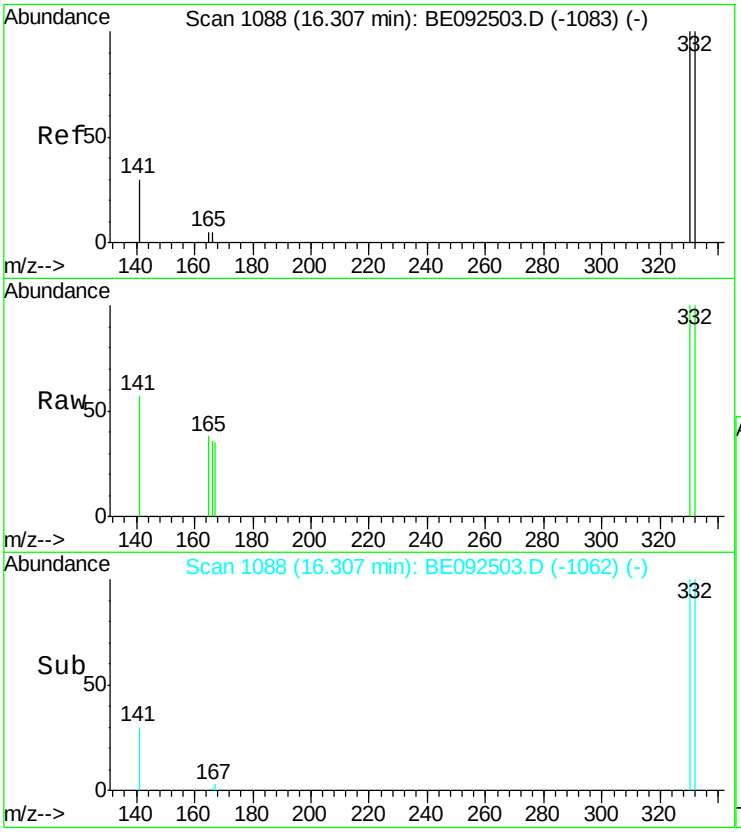


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:164 Resp: 25822

Ion	Ratio	Lower	Upper
164	100		
162	108.4	71.4	107.0#
160	50.6	27.4	41.2#



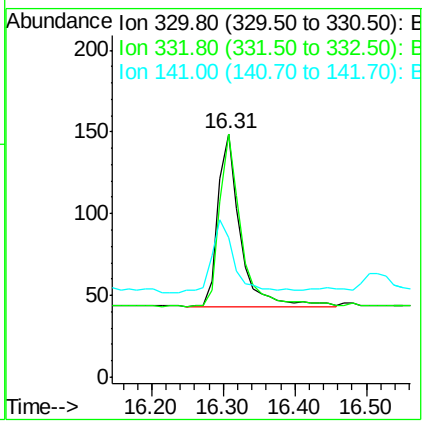


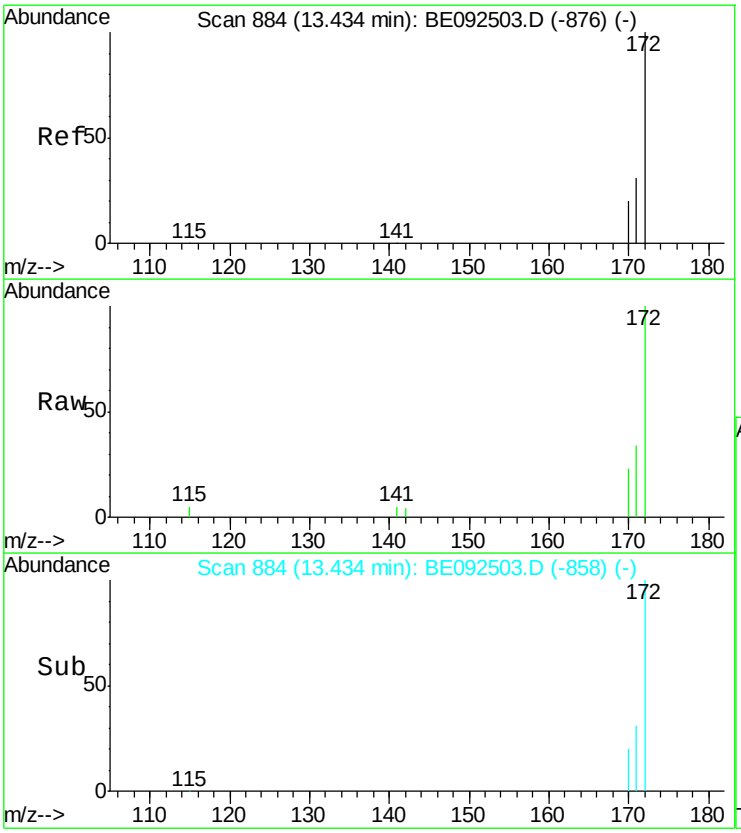
#13
2,4,6-Tribromophenol
Concen: 0.45 ng
RT: 16.31 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	98.7	75.4	113.0
141	40.6	31.0	46.6

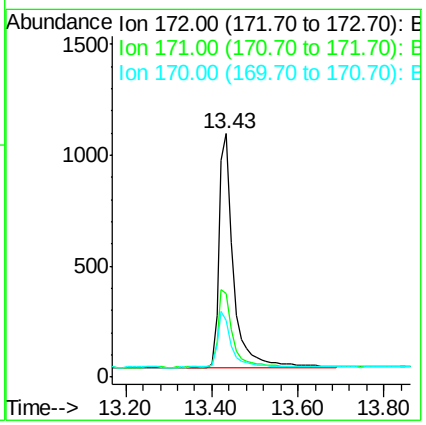


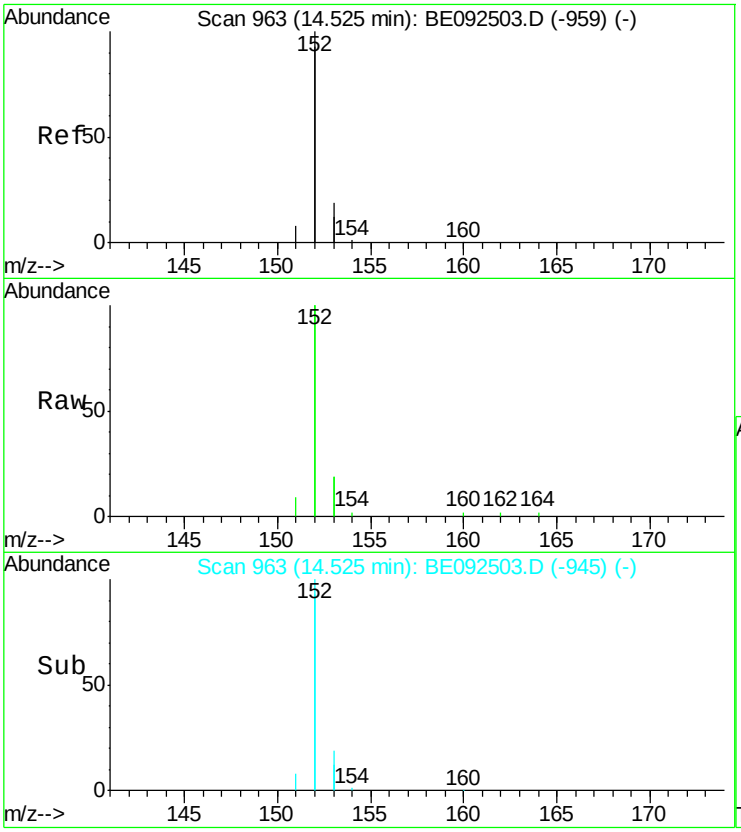


#14
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.43 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:172 Resp: 2473

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.1	45.1
170	23.1	21.8	32.6



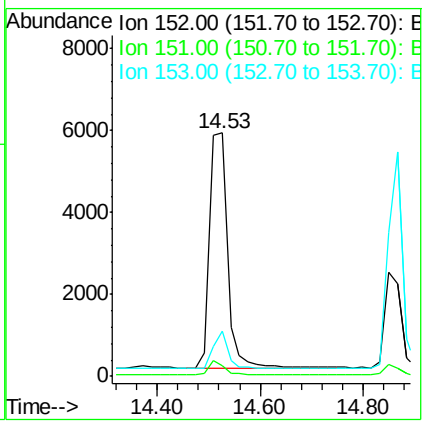


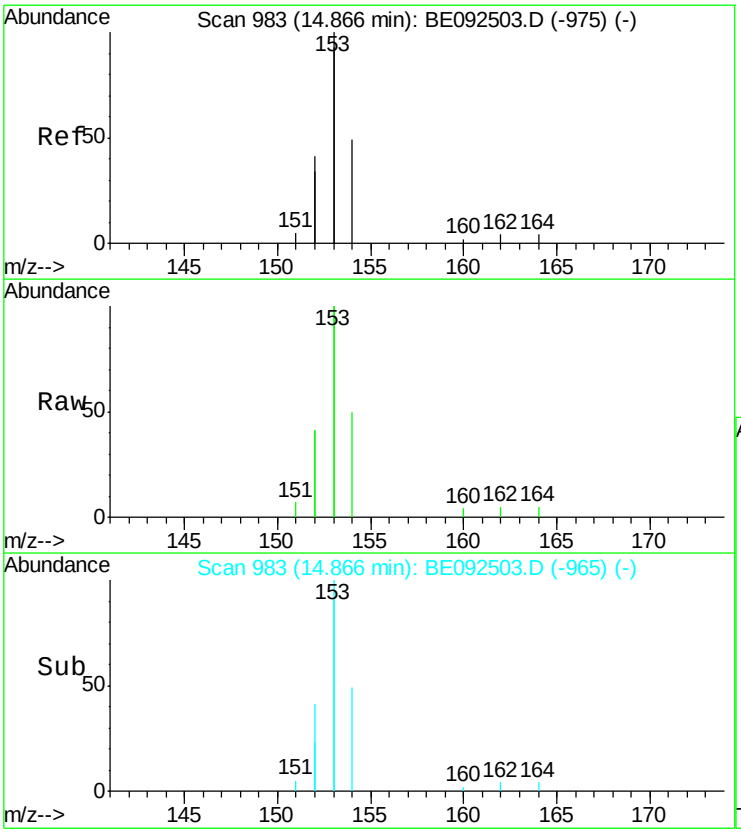
#15
Acenaphthylene
Concen: 0.38 ng
RT: 14.53 min Scan# 963
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 13885

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.8	10.4	15.6

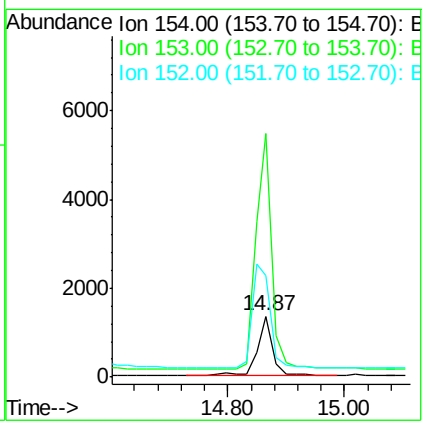


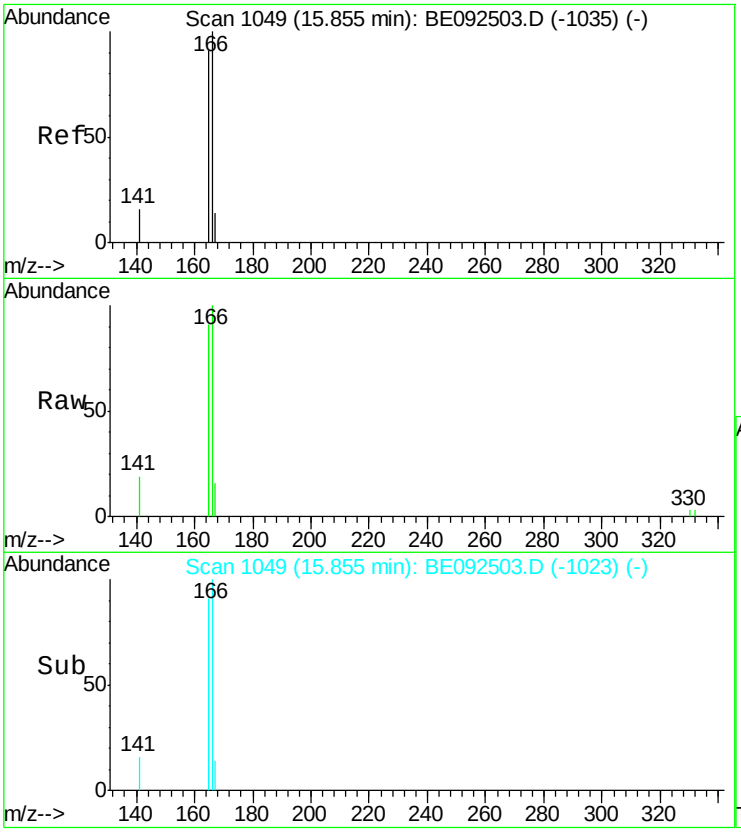


#16
Acenaphthene
Concen: 0.39 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:154 Resp: 2319

Ion	Ratio	Lower	Upper
154	100		
153	429.3	350.8	526.2
152	220.7	171.1	256.7



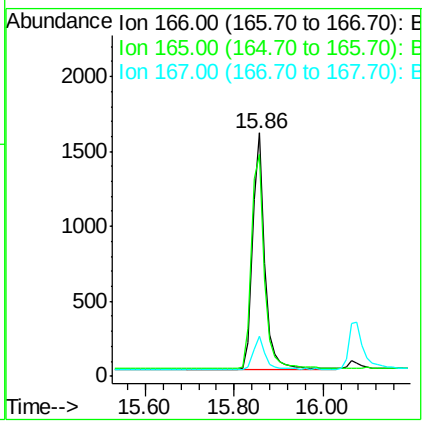


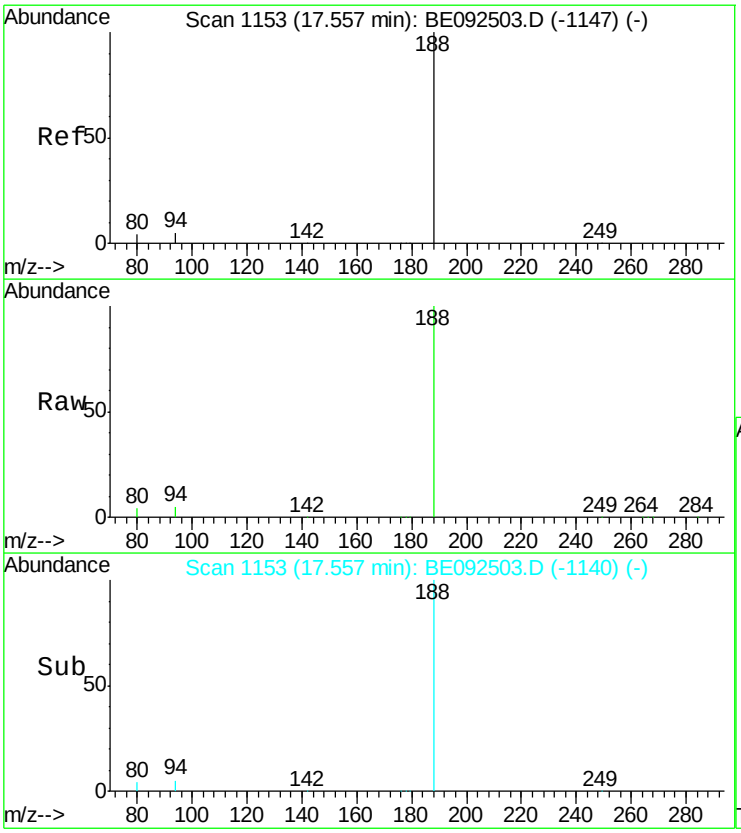
#17
Fluorene
Concen: 0.41 ng
RT: 15.86 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 2857

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.4
167	13.4	11.0	16.4

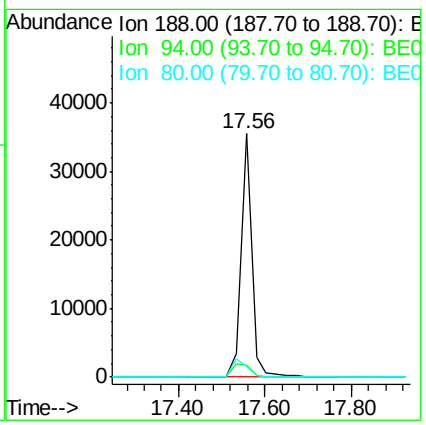


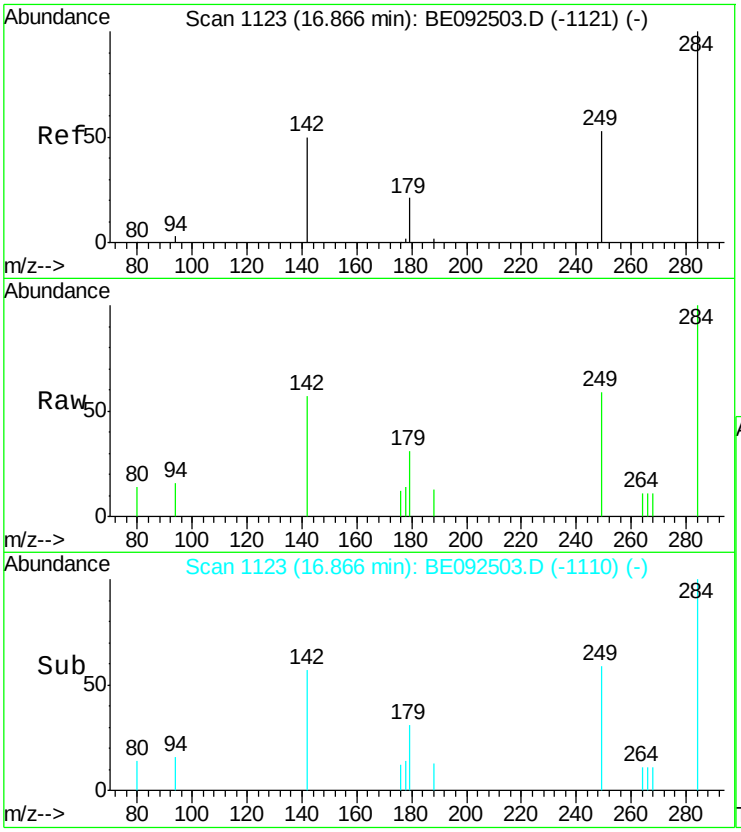


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:188 Resp: 59686

Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.2	4.8#
80	4.3	2.6	3.8#



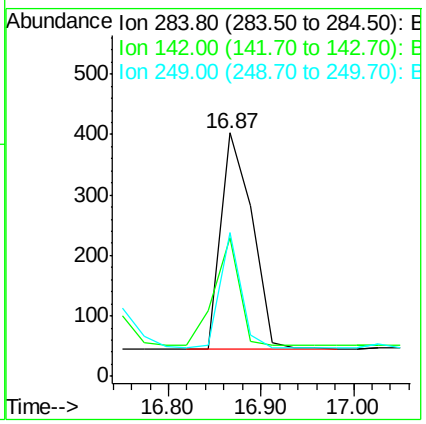


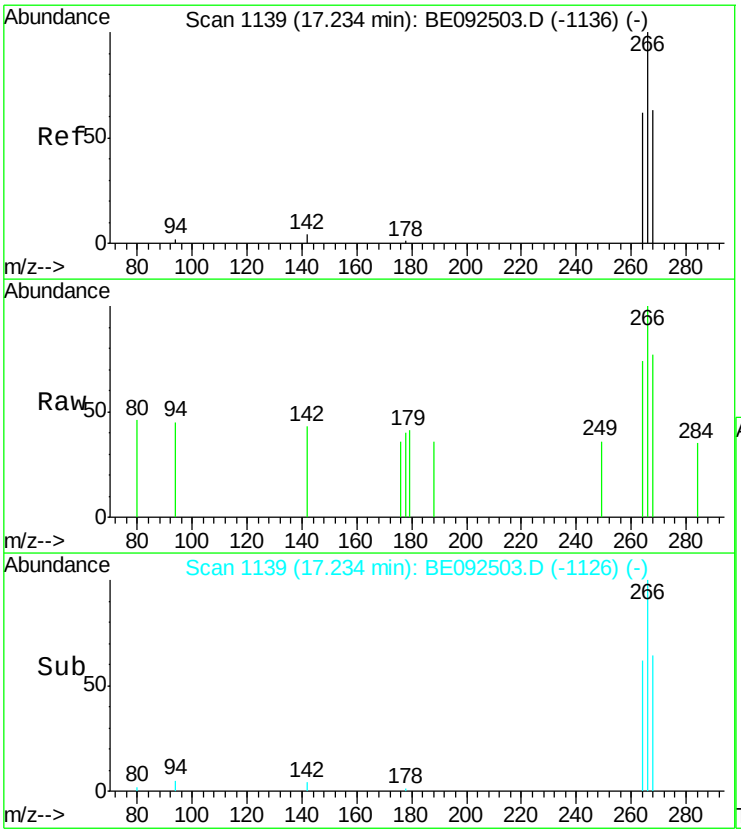
#19
Hexachlorobenzene
Concen: 0.32 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:284 Resp: 846

Ion	Ratio	Lower	Upper
284	100		
142	50.9	29.1	43.7#
249	48.3	27.9	41.9#

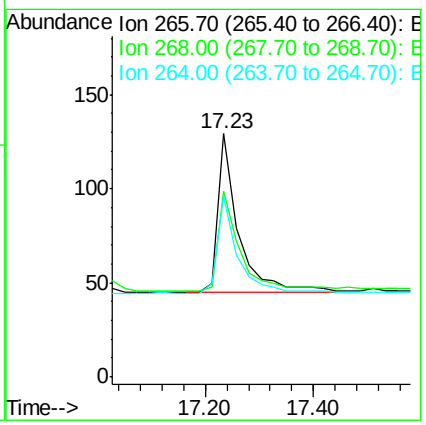


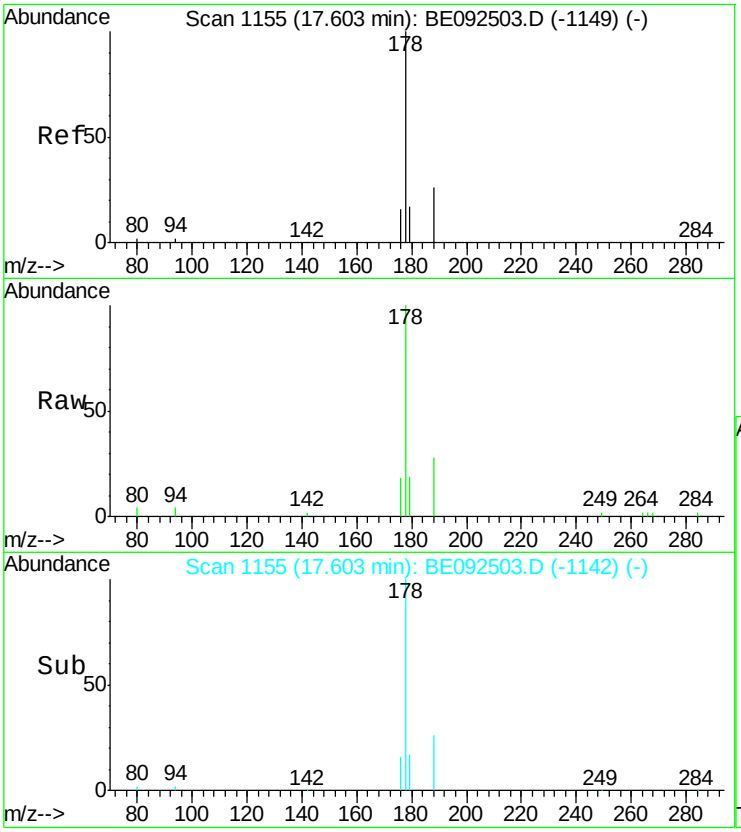


#20
Pentachlorophenol
Concen: 0.48 ng
RT: 17.23 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:266 Resp: 224

Ion	Ratio	Lower	Upper
266	100		
268	76.7	62.5	93.7
264	74.4	57.2	85.8



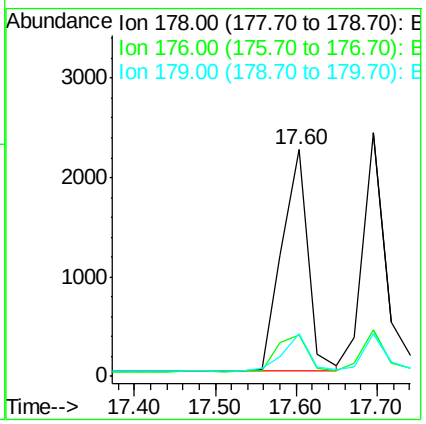


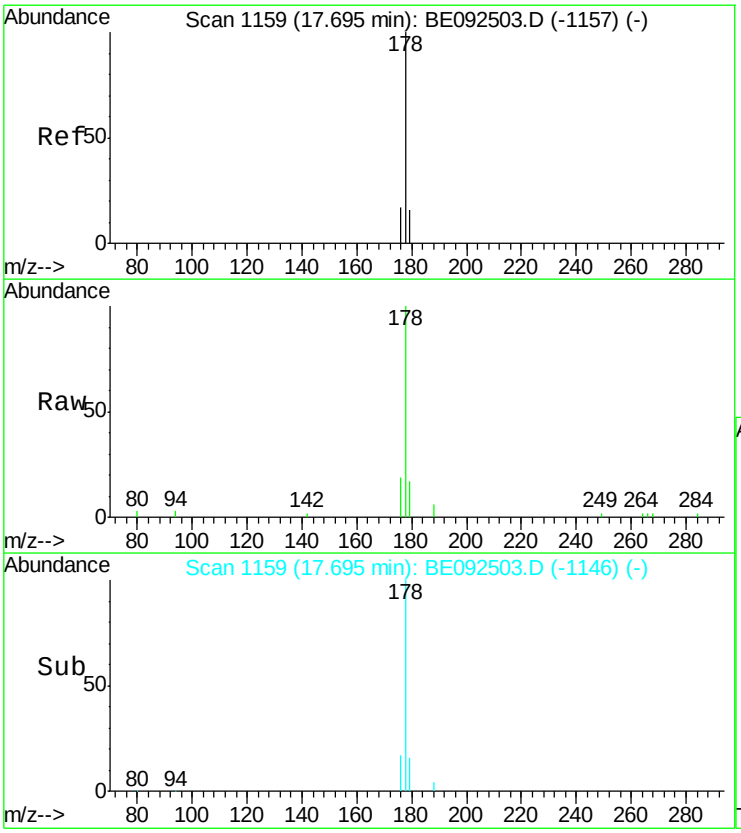
#21
Phenanthrene
Concen: 0.33 ng
RT: 17.60 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 5040

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	16.3	16.0	24.0

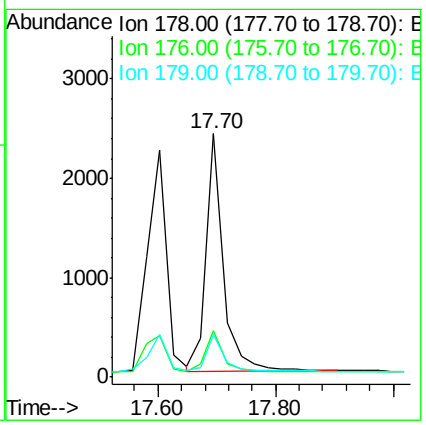


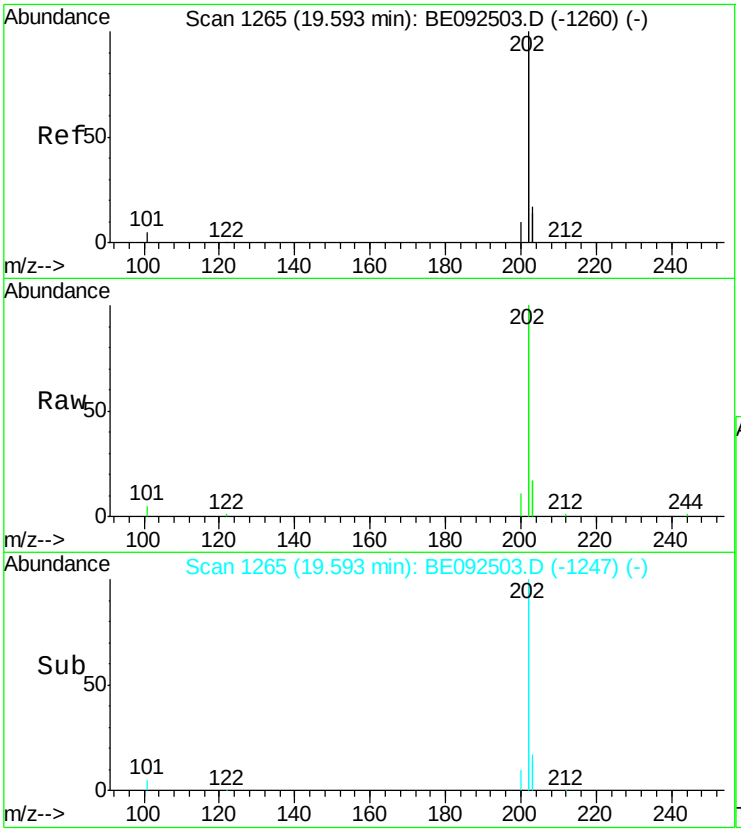


#22
Anthracene
Concen: 0.35 ng
RT: 17.70 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:178 Resp: 4850

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.5	12.2	18.2



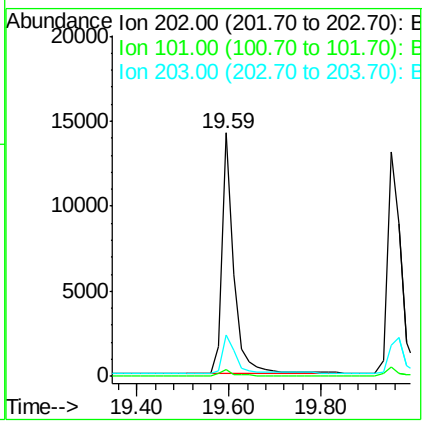


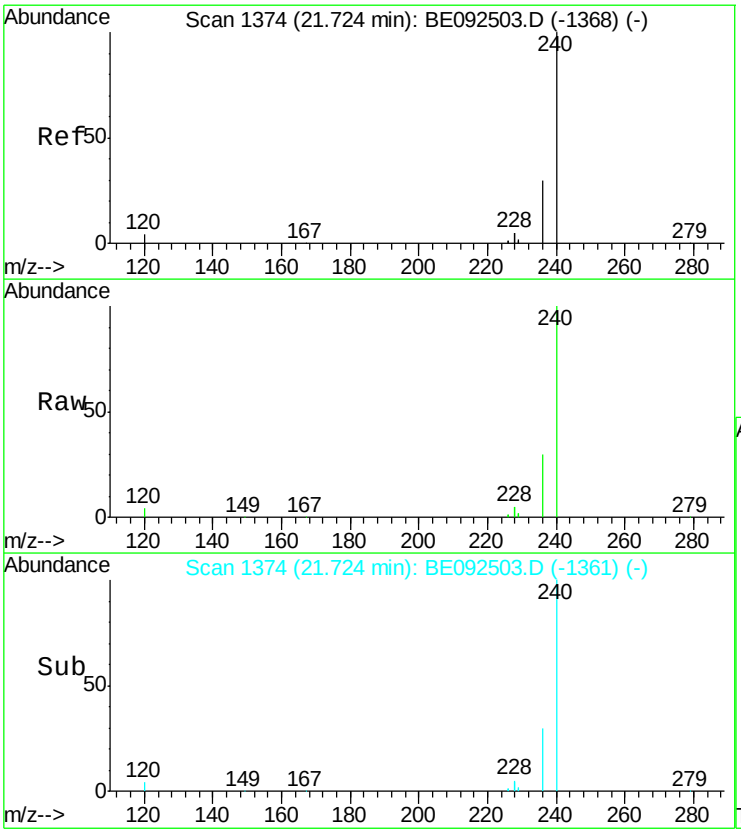
#23
Fluoranthene
Concen: 0.41 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 25338

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.6	13.7	20.5

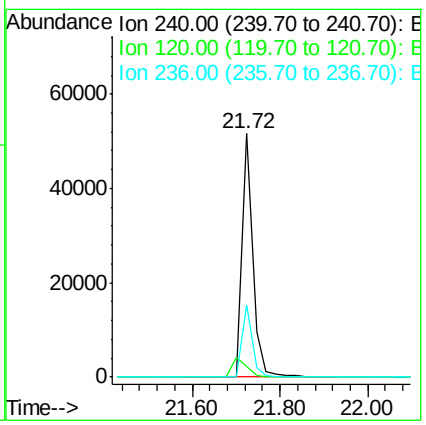


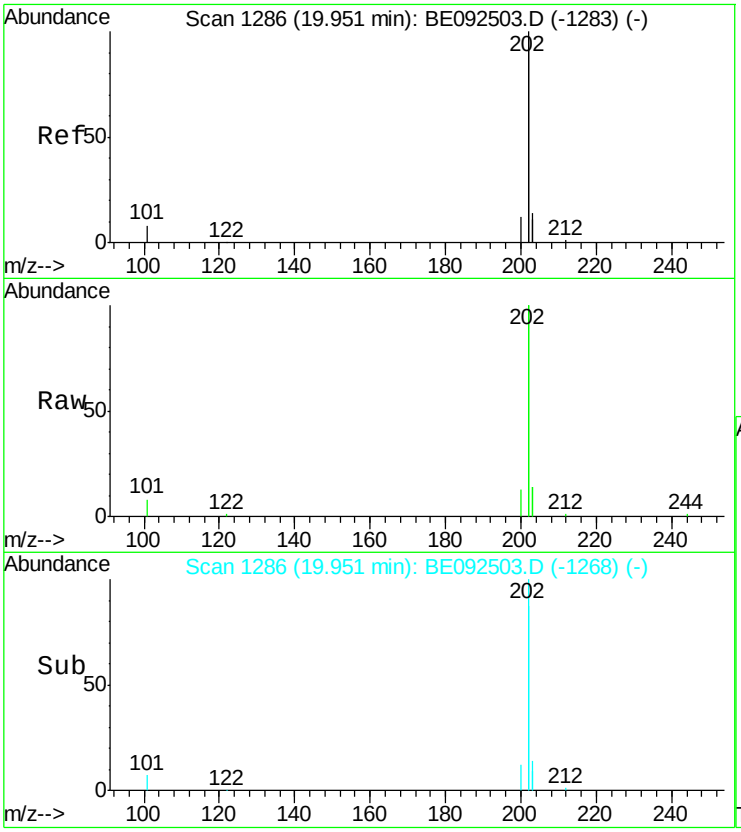


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:240 Resp: 86948

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	4.0#
236	29.8	24.6	37.0



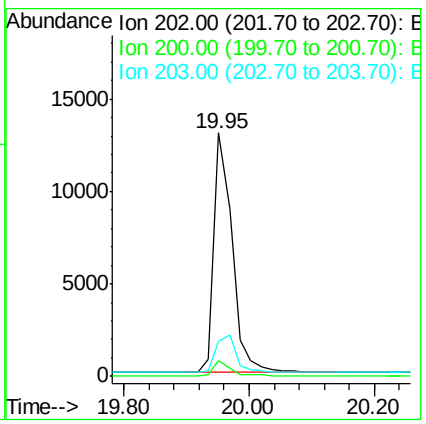


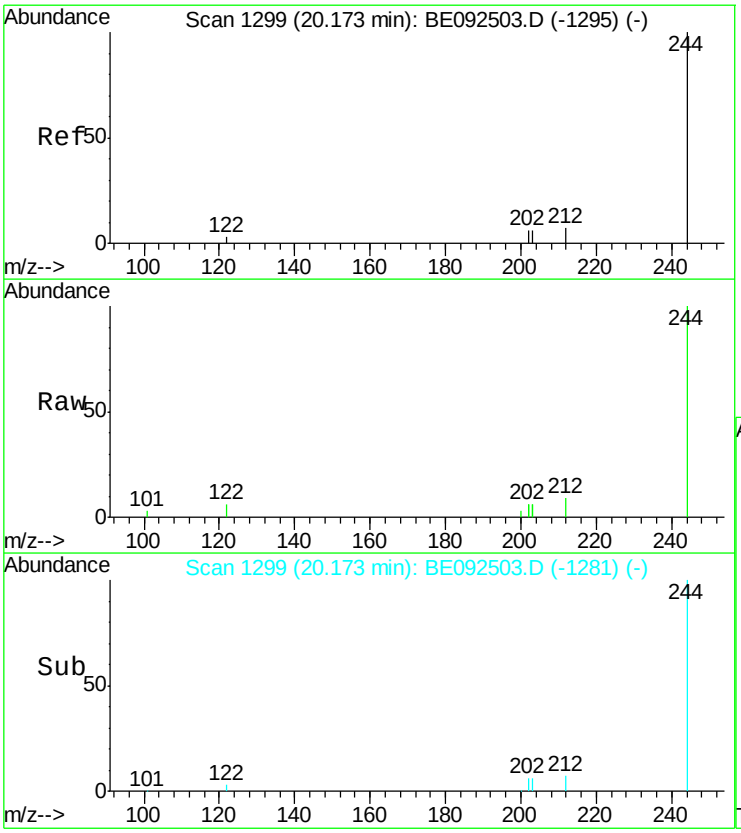
#25
Pyrene
Concen: 0.35 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 26246

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.4	13.9	20.9

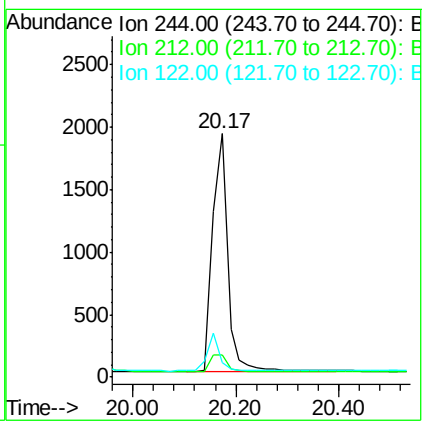


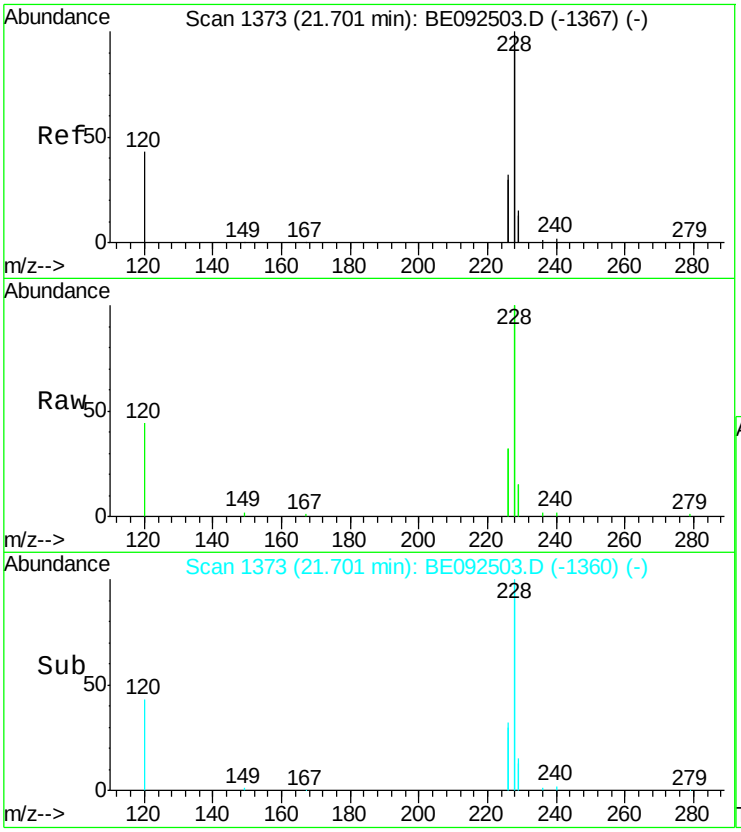


#26
Terphenyl-d14
Concen: 0.36 ng
RT: 20.17 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:244 Resp: 3880

Ion	Ratio	Lower	Upper
244	100		
212	9.2	6.7	10.1
122	5.8	3.6	5.4#



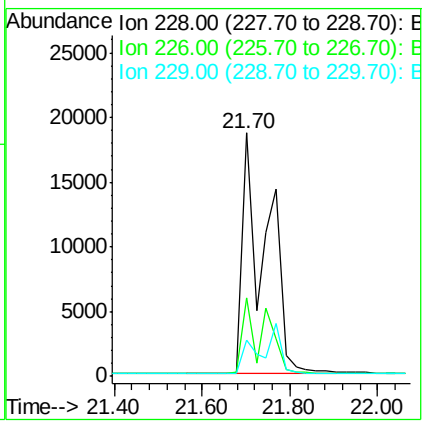


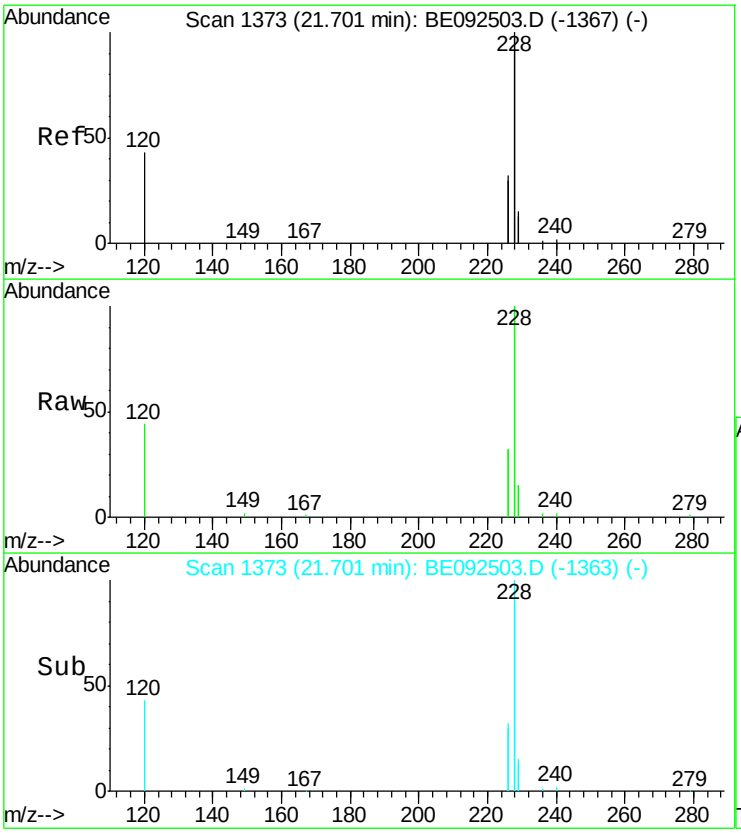
#27
Benzo(a)anthracene
Concen: 0.87 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 70214

Ion	Ratio	Lower	Upper
228	100		
226	32.4	23.6	35.4
229	14.9	13.3	19.9

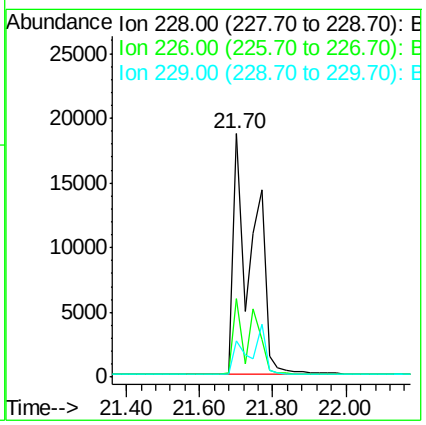


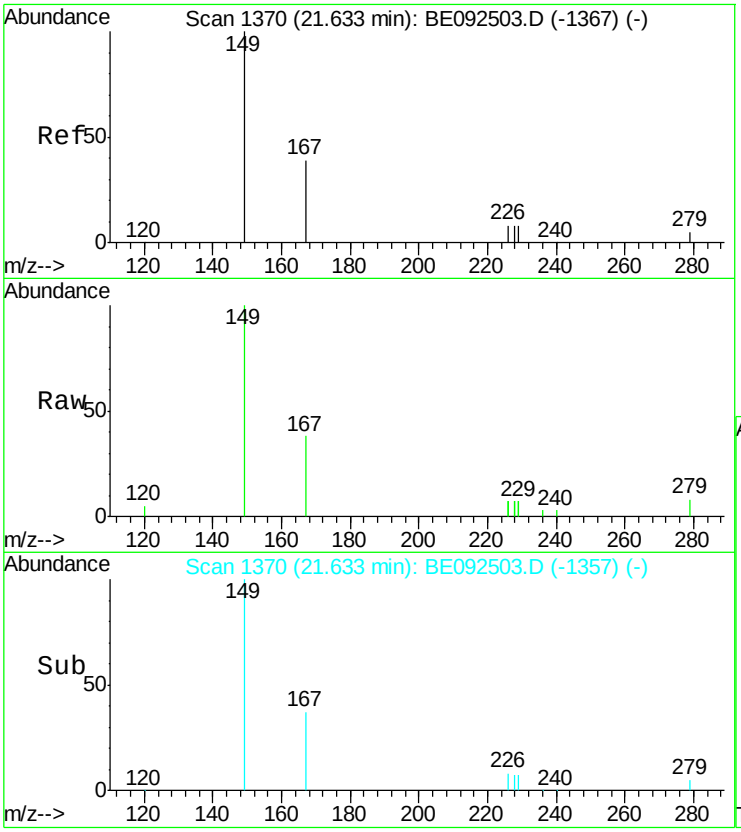


#28
Chrysene
Concen: 0.84 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:228 Resp: 70707

Ion	Ratio	Lower	Upper
228	100		
226	32.4	36.3	54.5#
229	14.9	10.6	16.0



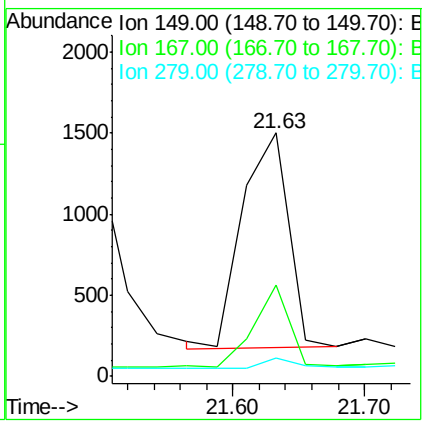


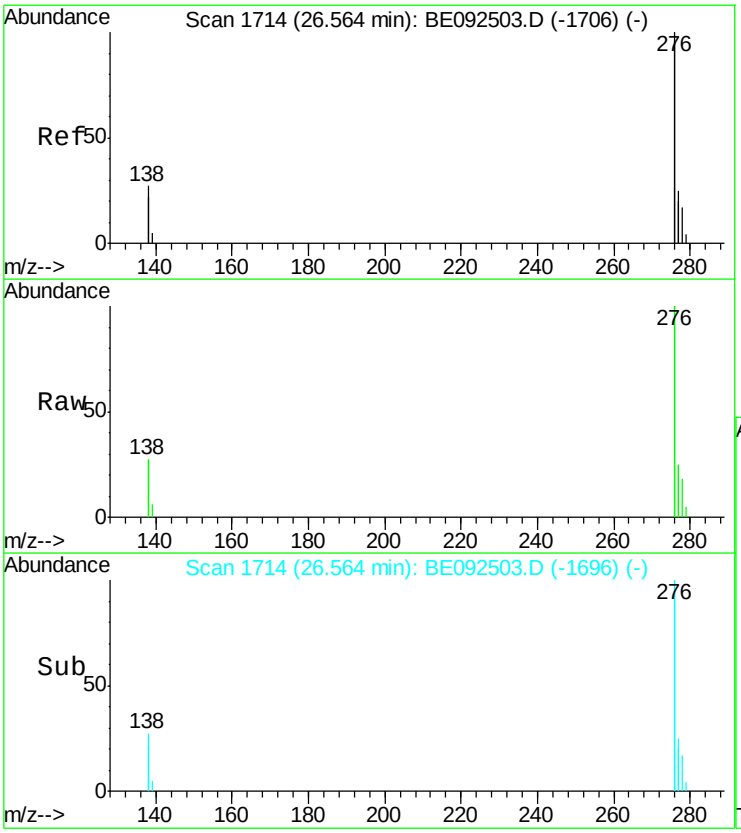
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.49 ng
RT: 21.63 min Scan# 1370
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:149 Resp: 3263

Ion	Ratio	Lower	Upper
149	100		
167	29.4	16.0	24.0#
279	3.6	16.0	24.0#

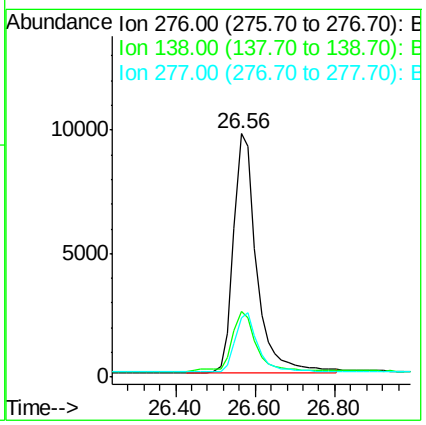


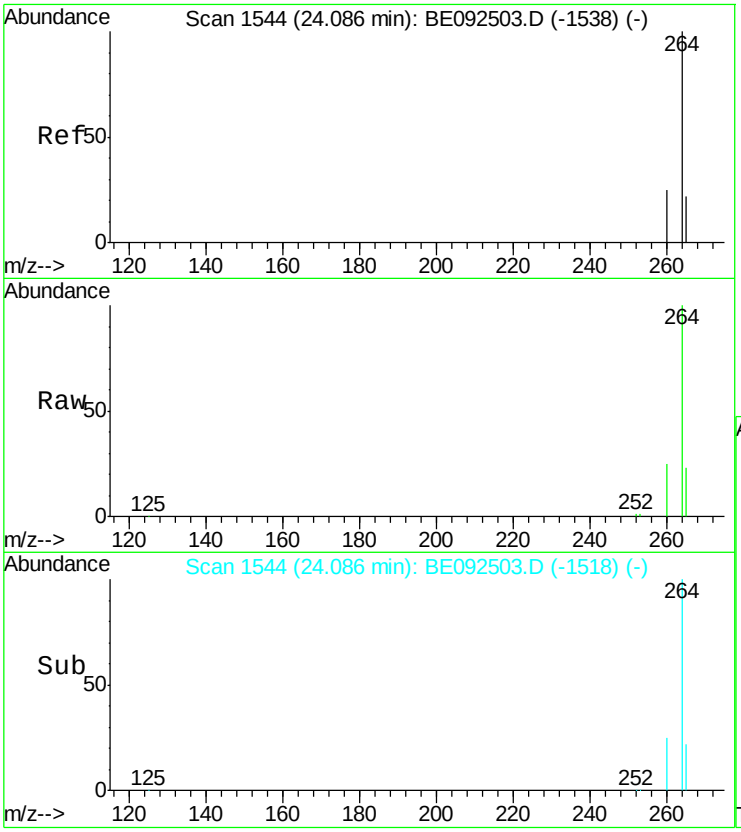


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.52 ng
RT: 26.56 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:276 Resp: 38903

Ion	Ratio	Lower	Upper
276	100		
138	26.7	20.3	30.5
277	24.7	19.7	29.5



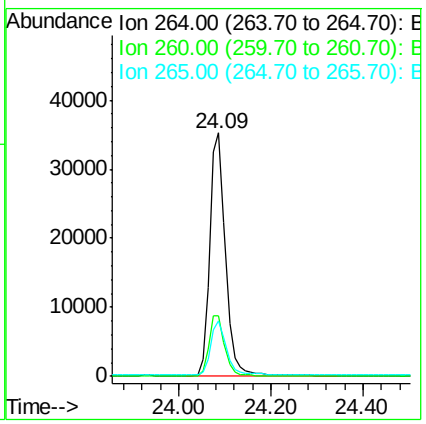


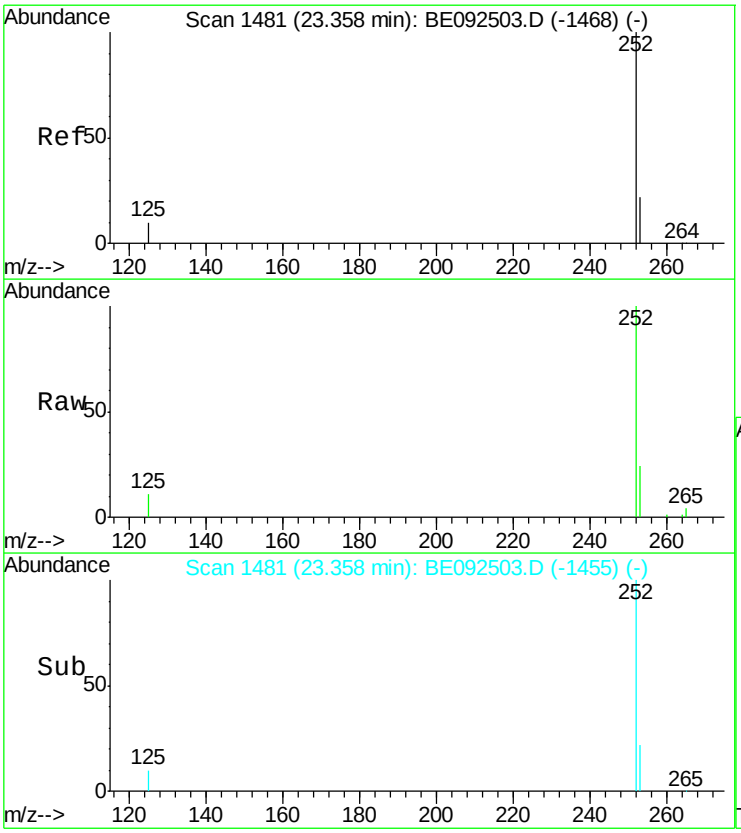
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 83771

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.1	30.1
265	22.9	17.9	26.9

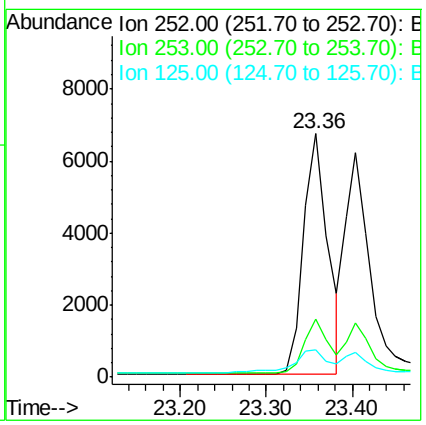


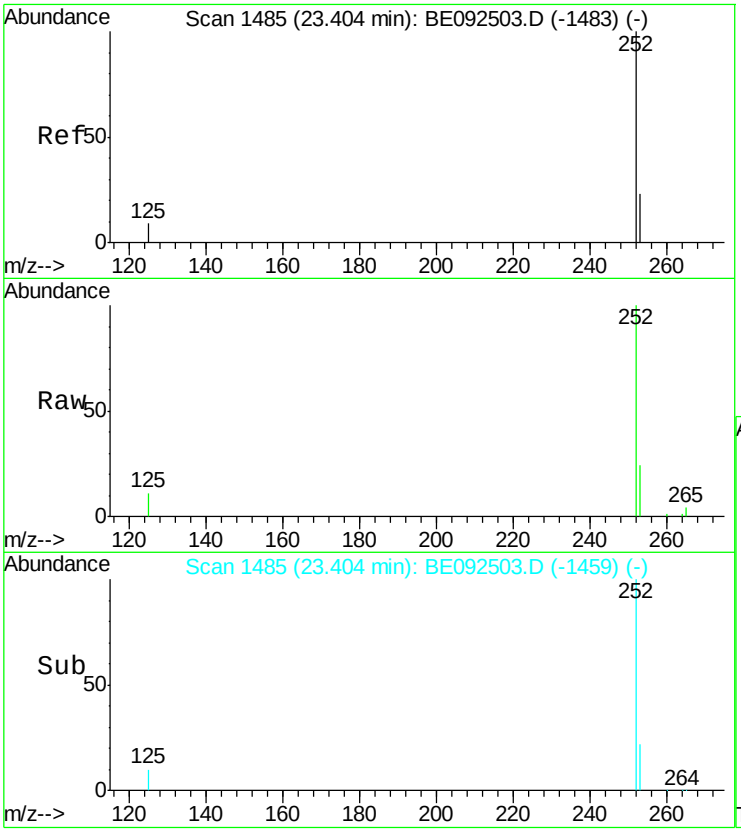


#32
Benzo(b)fluoranthene
Concen: 0.63 ng
RT: 23.36 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:252 Resp: 13126

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	11.4	10.5	15.7



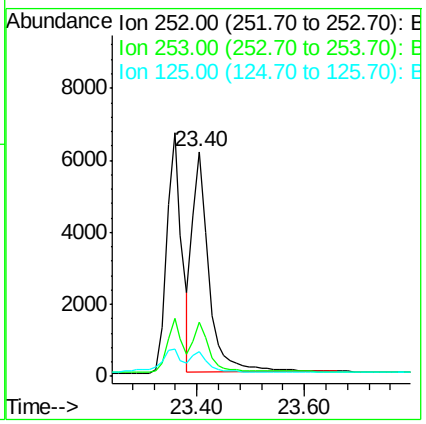


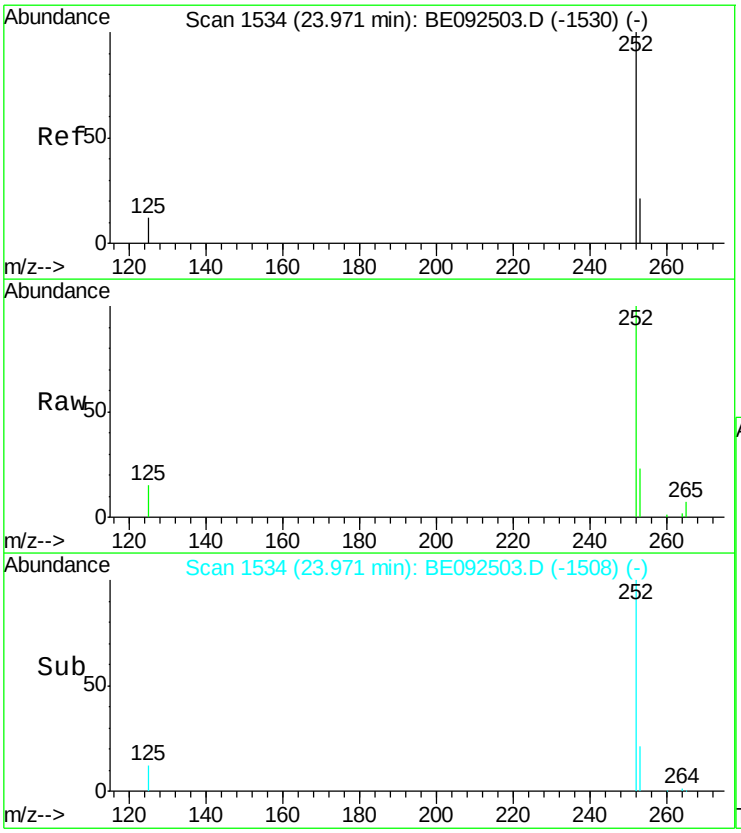
#33
Benzo(k)fluoranthene
Concen: 0.63 ng
RT: 23.40 min Scan# 1485
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13006

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	11.2	9.6	14.4

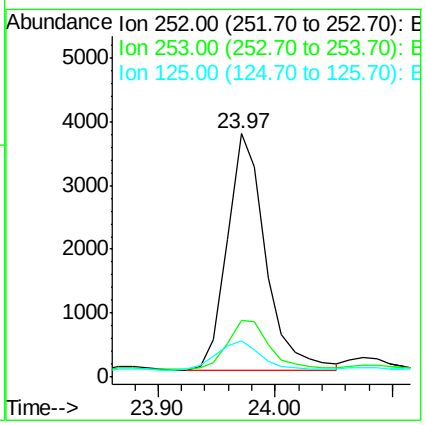


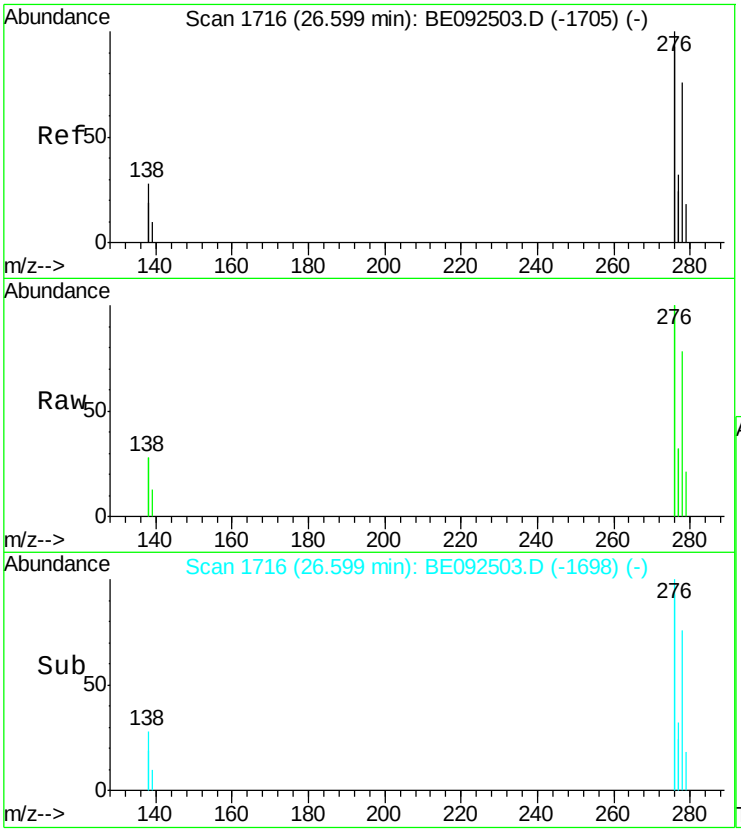


#34
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.97 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:252 Resp: 8374

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	14.8	11.8	17.8



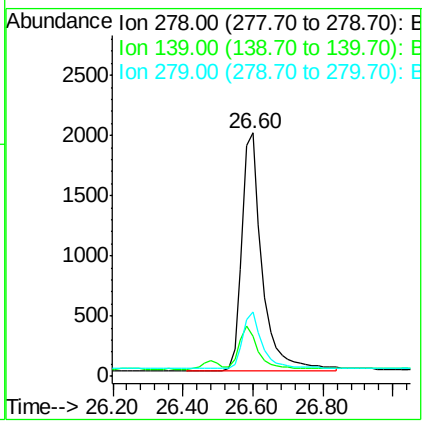


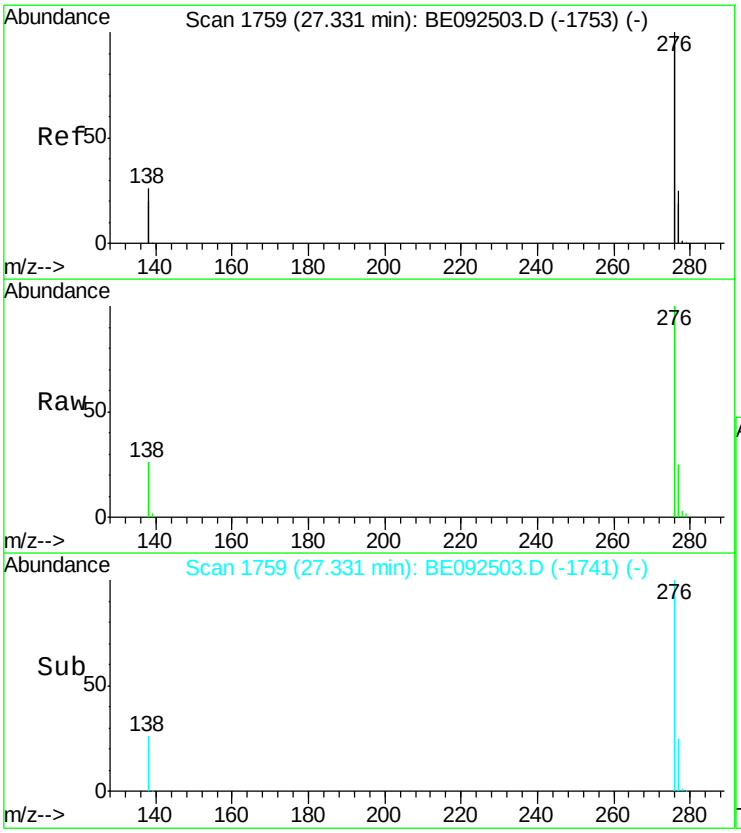
#35
Dibenzo(a,h)anthracene
Concen: 0.45 ng
RT: 26.60 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 7952

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.8	20.8
279	26.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092503.D
Acq: 8 Nov 2016 11:30

Tgt Ion:276 Resp: 32627

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.8	29.8
138	26.1	19.8	29.6