Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\

Quantitation Report (Not Reviewed)

Data File : BE092968.D
Acq On : 9 May 2017 17:57
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: May 10 02:13:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 02:13:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	695	0.40	ng		0.00
7) Naphthalene-d8	10.52	136	2854	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1415	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3238	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3592	0.40	ng		0.00
33) Perylene-d12	23.70	264	3152	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	392	0.24	ng		0.00
5) Phenol-d6	6.94	99	471	0.21	ng		0.00
8) Nitrobenzene-d5	8.90	82	427	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	767	0.18	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	62	0.26	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	1011	0.16	ng		0.00
24) Fluoranthene-d10	19.15	212	1767	0.23	ng		0.00
28) Terphenyl-d14	19.74	244	1035	0.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	313	0.23	ng		96
3) n-Nitrosodimethylamine	3.61	42	223	0.21	ng	#	89
6) bis(2-Chloroethyl)ether	7.20	93	474	0.19	ng	#	98
9) Naphthalene	10.58	128	1546	0.20	ng		95
10) Hexachlorobutadiene	10.89	225	226	0.21	ng		99
12) 2-Methylnaphthalene	12.19	142	831	0.18	ng		97
16) Acenaphthylene	14.10	152	4356	0.19	ng		100
17) Acenaphthene	14.45	154	874	0.20	ng		99
18) Fluorene	15.44	166	1030	0.19	ng		100
20) Hexachlorobenzene	16.46	284	341	0.24	ng	#	100
21) Pentachlorophenol	16.81	266	69	0.24	ng		94
22) Phenanthrene	17.18	178	1968	0.22	ng		98
23) Anthracene	17.27	178	1420	0.20	ng		100
25) Fluoranthene	19.17	202	8646	0.22	ng	#	100
27) Pyrene	19.53	202	9341	0.20	ng	#	100
29) Benzo(a)anthracene	21.27	228	1552	0.18	ng		96
30) Chrysene	21.32	228	2388	0.22	ng		98
31) Bis(2-ethylhexyl)phthalate	21.20	149	714	0.28	ng		98
32) Indeno(1,2,3-cd)pyrene	26.24	276	8056	0.21	ng		99
34) Benzo(b)fluoranthene	23.01	252	1521	0.15	ng		92
35) Benzo(k)fluoranthene	23.01	252	1800	0.17	ng	#	93
36) Benzo(a)pyrene	23.58	252	1734	0.20	ng	#	91
37) Dibenzo(a,h)anthracene	26.27	278	1700	0.18	ng		93
38) Benzo(g,h,i)perylene	27.00	276	7739	0.19	ng		94

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

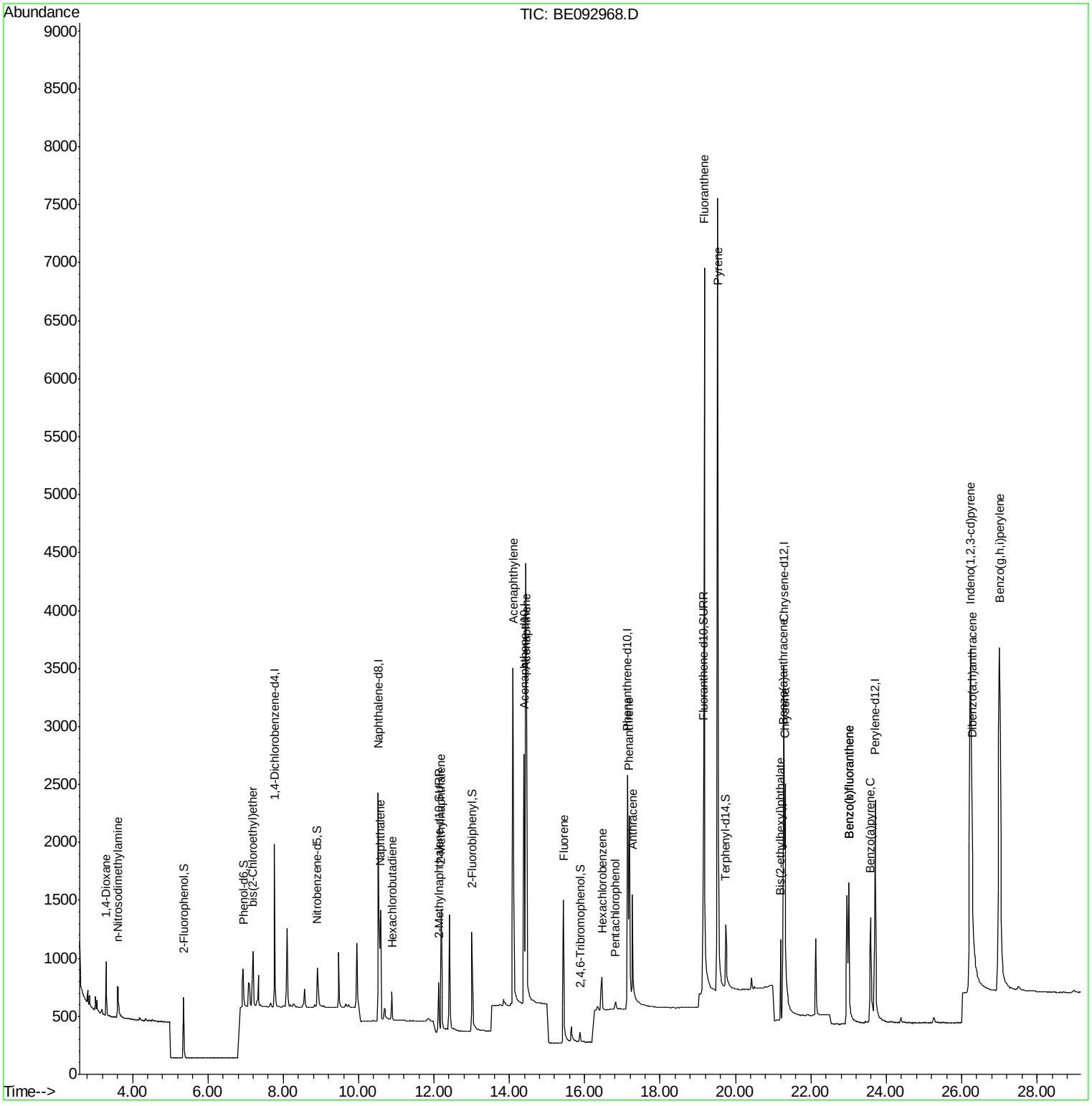
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051017\

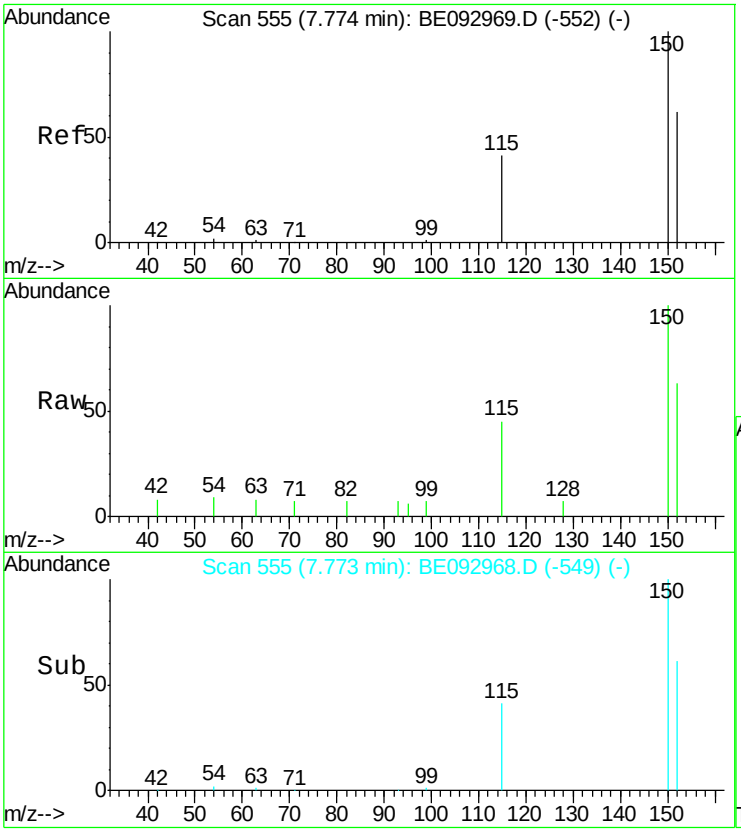
Quantitation Report (Not Reviewed)

Data File : BE092968.D
Acq On : 9 May 2017 17:57
Operator : SJ/MA
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: May 10 02:13:53 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 10 02:13:43 2017
Response via : Initial Calibration



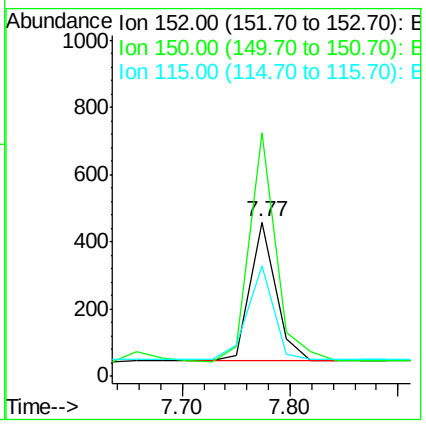


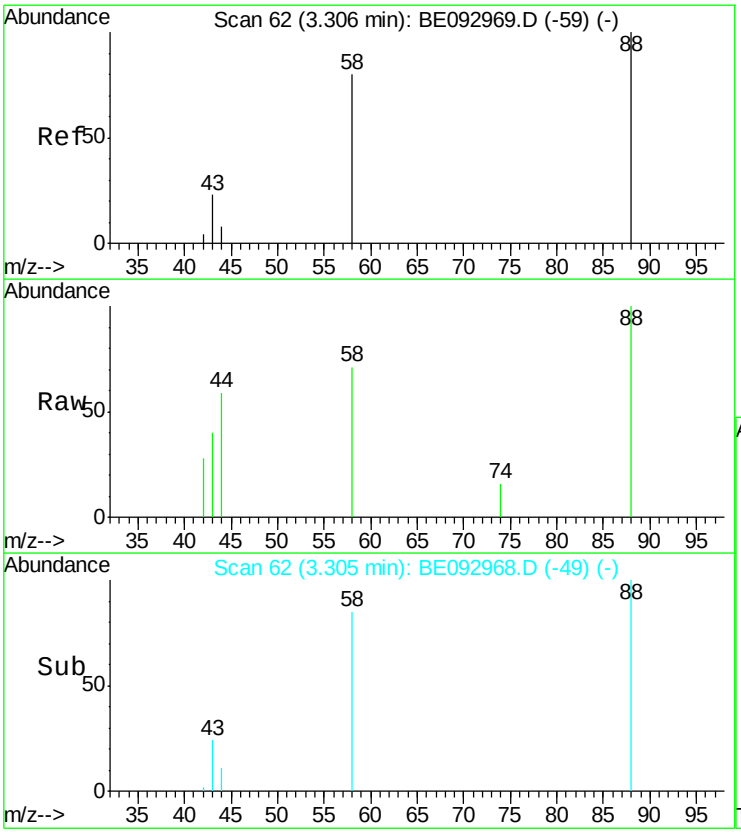
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 695

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.1	187.7
115	71.6	55.7	83.5

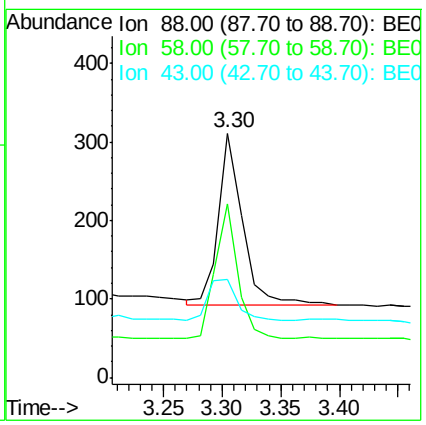


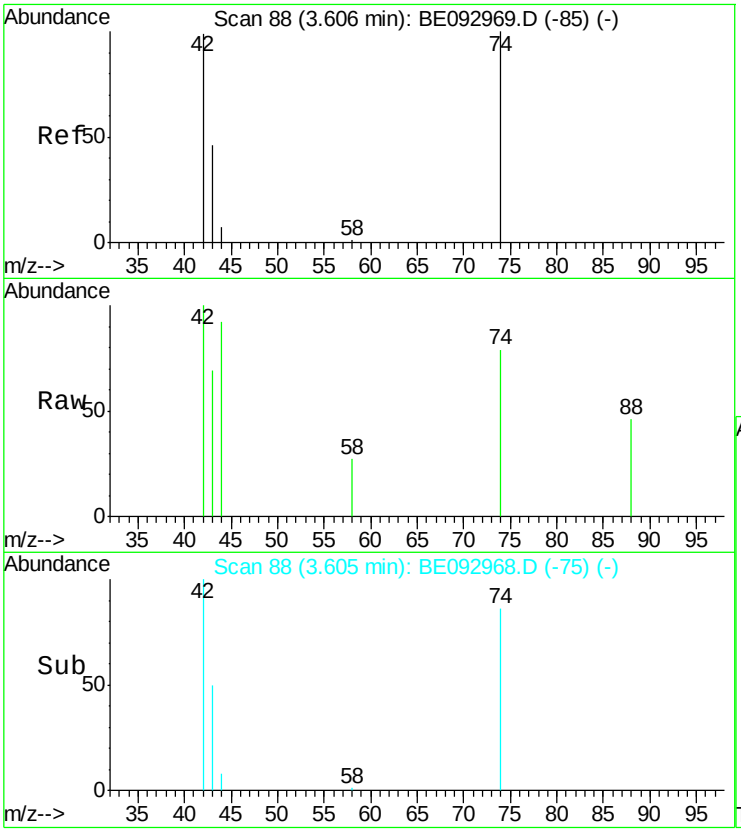


#2
1,4-Dioxane
Concen: 0.23 ng
RT: 3.30 min Scan# 62
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion: 88 Resp: 313

Ion	Ratio	Lower	Upper
88	100		
58	73.2	62.2	93.4
43	29.4	23.2	34.8



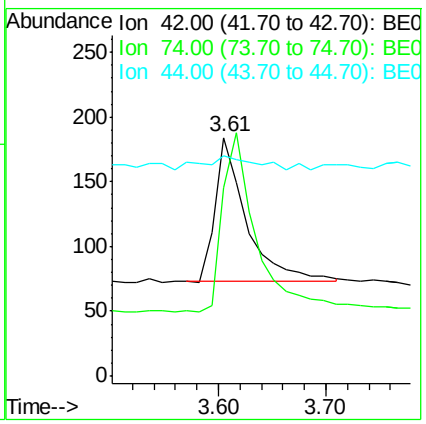


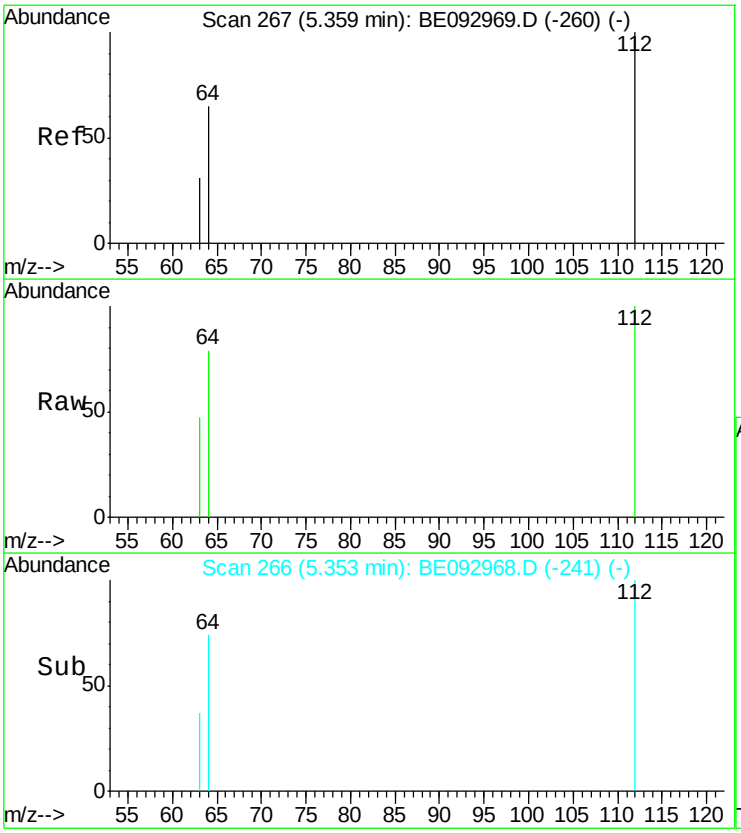
#3
n-Nitrosodimethylamine
Concen: 0.21 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 223

Ion	Ratio	Lower	Upper
42	100		
74	136.3	99.1	148.7
44	15.7	7.4	11.2#

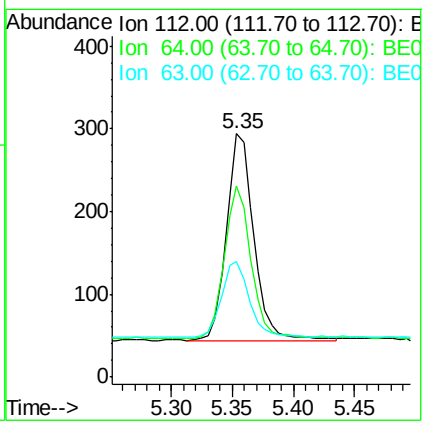


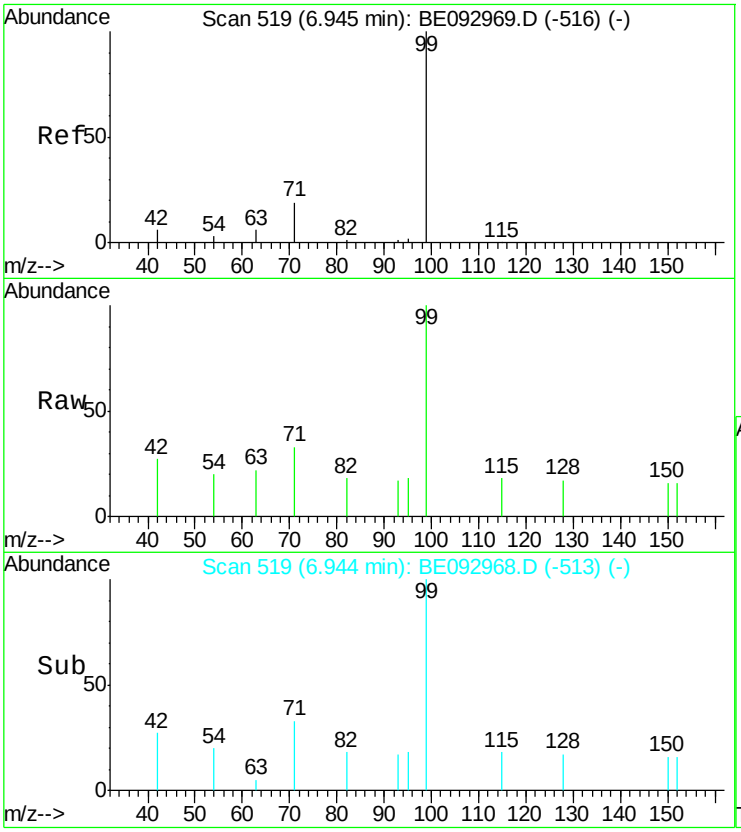


#4
2-Fluorophenol
Concen: 0.24 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:112 Resp: 392

Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.4	84.6
63	37.2	29.3	43.9



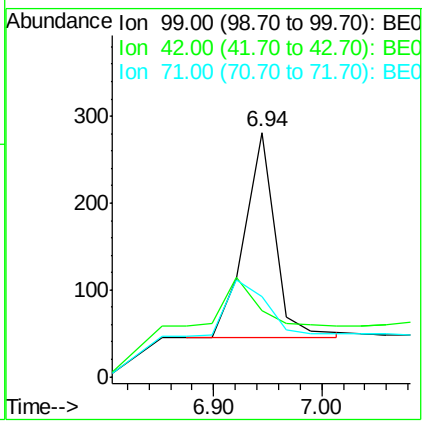


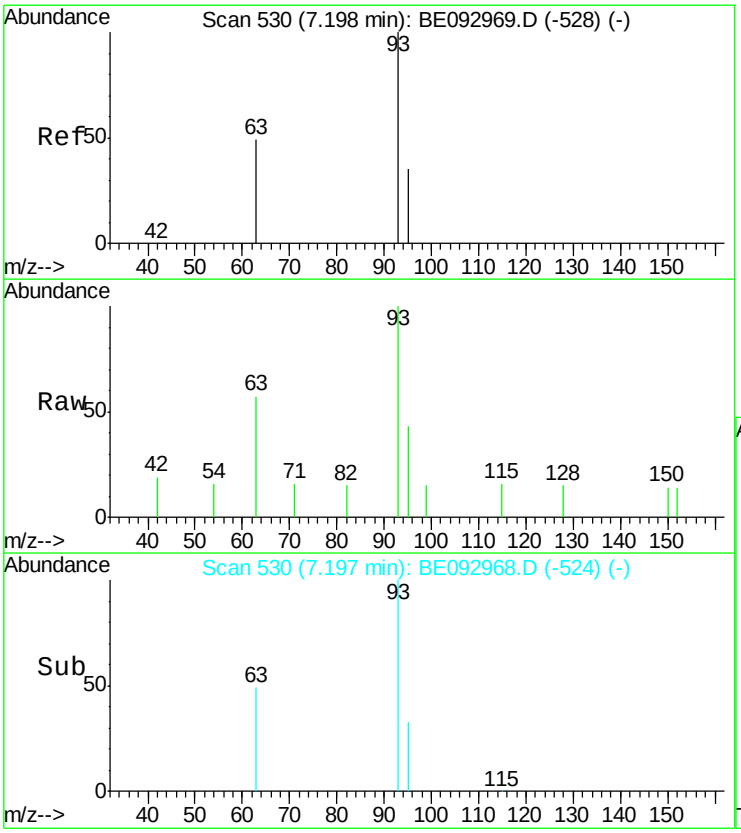
#5
Phenol-d6
Concen: 0.21 ng
RT: 6.94 min Scan# 519
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 471

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	0.0	0.0

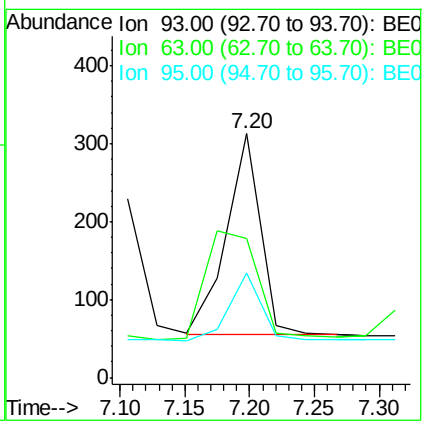


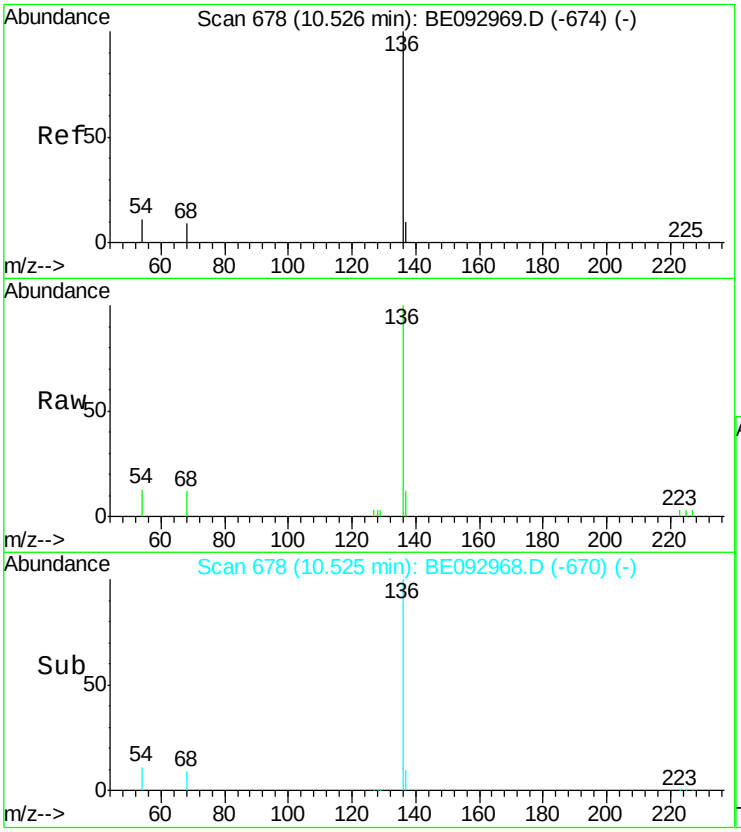


#6
bis(2-Chloroethyl)ether
Concen: 0.19 ng
RT: 7.20 min Scan# 530
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion: 93 Resp: 474

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	30.6	25.4	38.0



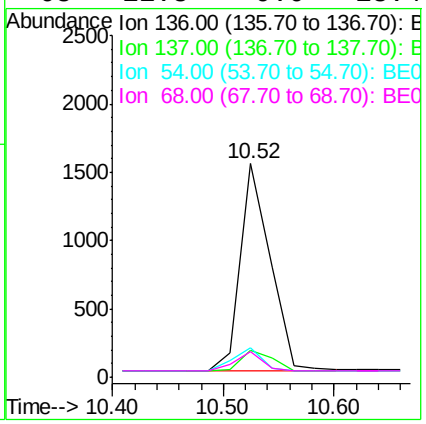


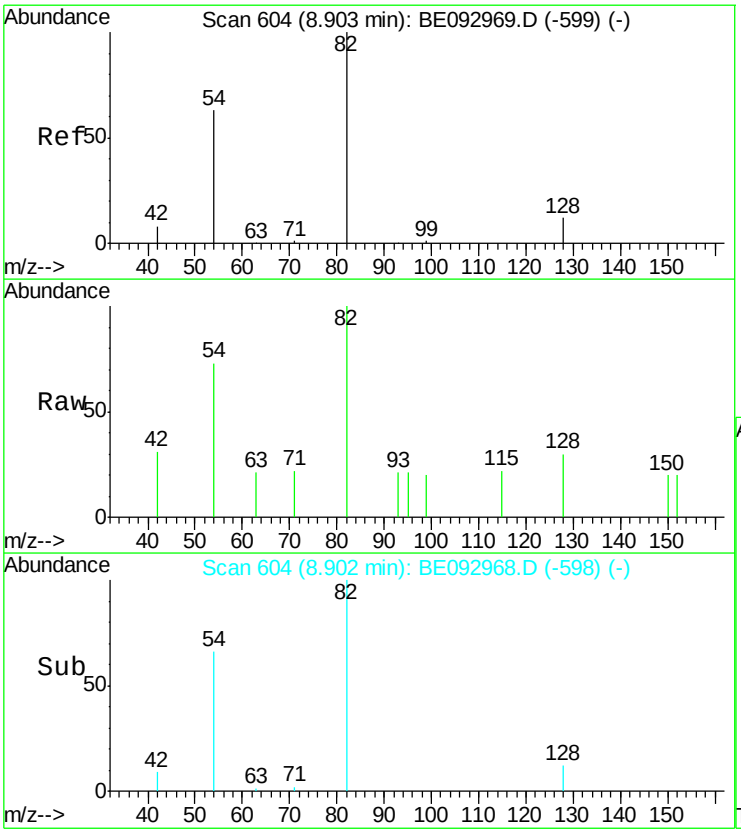
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.52 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 2854

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	13.5	10.3	15.5
68	11.8	9.0	13.4

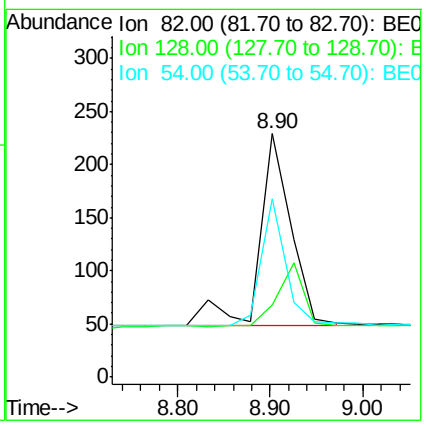


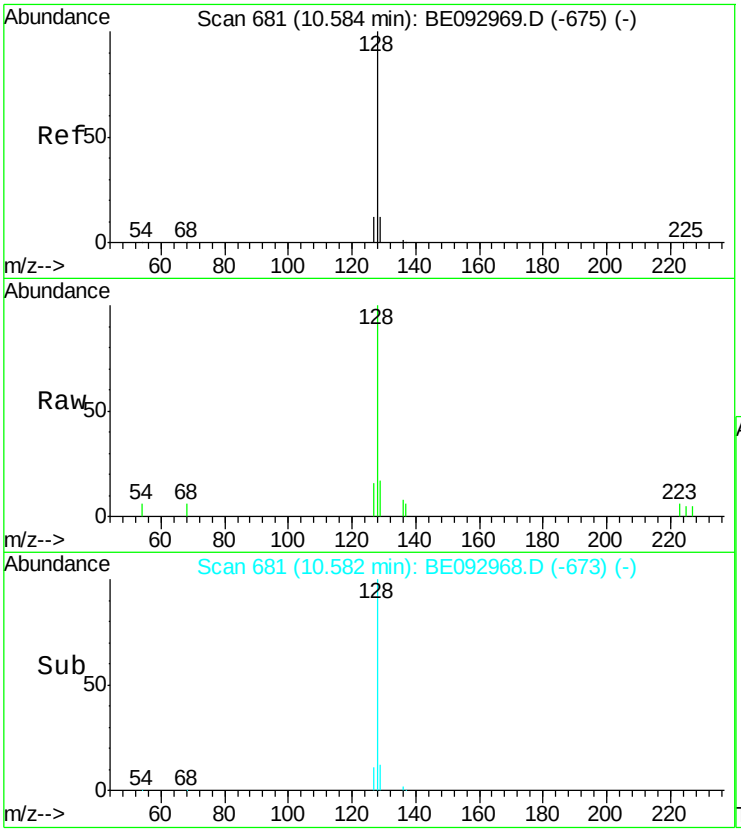


#8
Nitrobenzene-d5
Concen: 0.22 ng
RT: 8.90 min Scan# 604
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion: 82 Resp: 427

Ion	Ratio	Lower	Upper
82	100		
128	29.7	17.0	25.4#
54	73.4	53.8	80.6



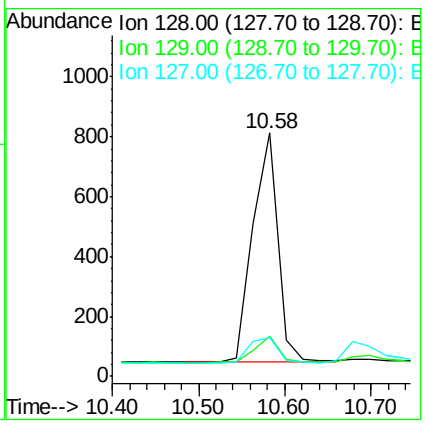


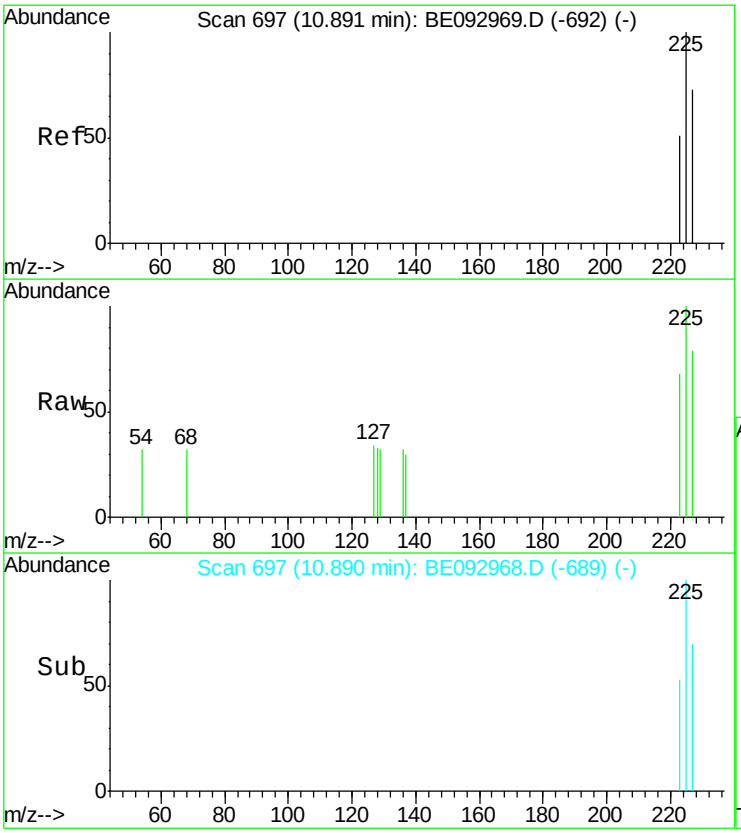
#9
Naphthalene
Concen: 0.20 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 1546

Ion	Ratio	Lower	Upper
128	100		
129	16.6	11.4	17.0
127	16.0	11.2	16.8

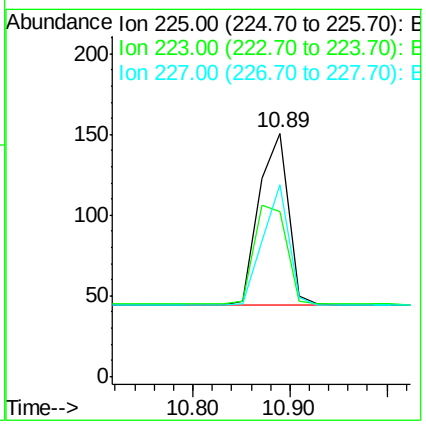


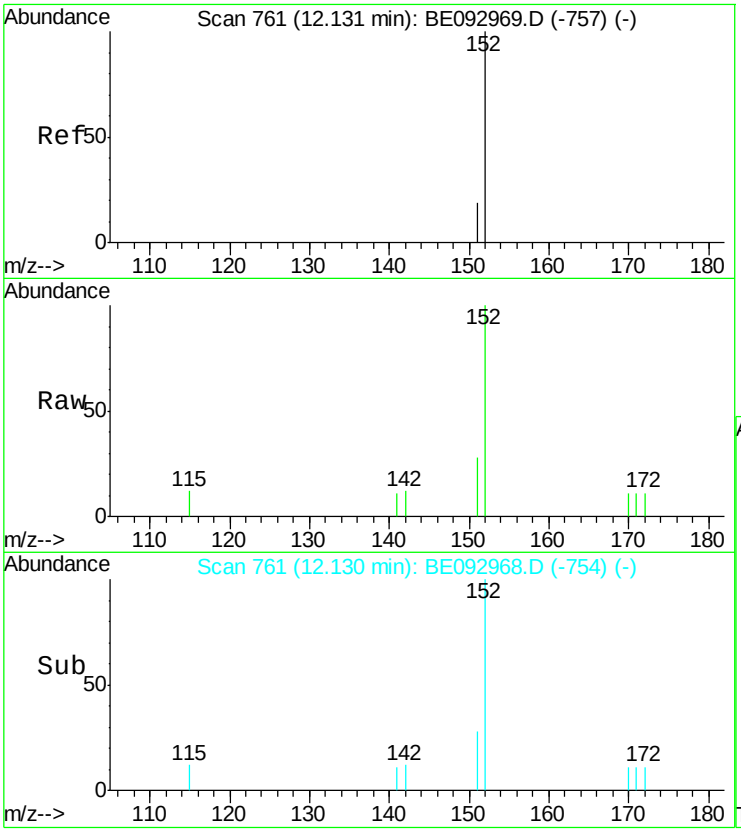


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:225 Resp: 226

Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	61.9	50.3	75.5



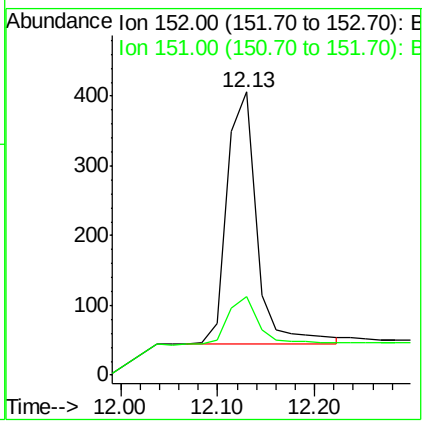


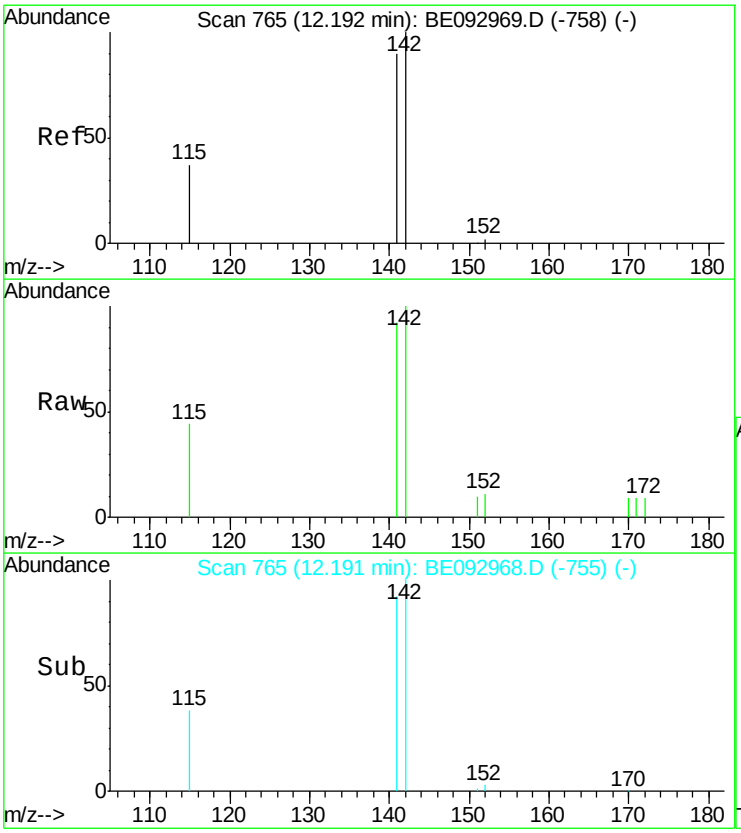
#11
2-Methylnaphthalene-d10
Concen: 0.18 ng
RT: 12.13 min Scan# 761
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 767

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

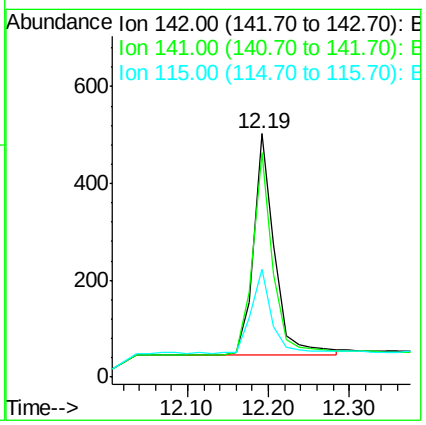


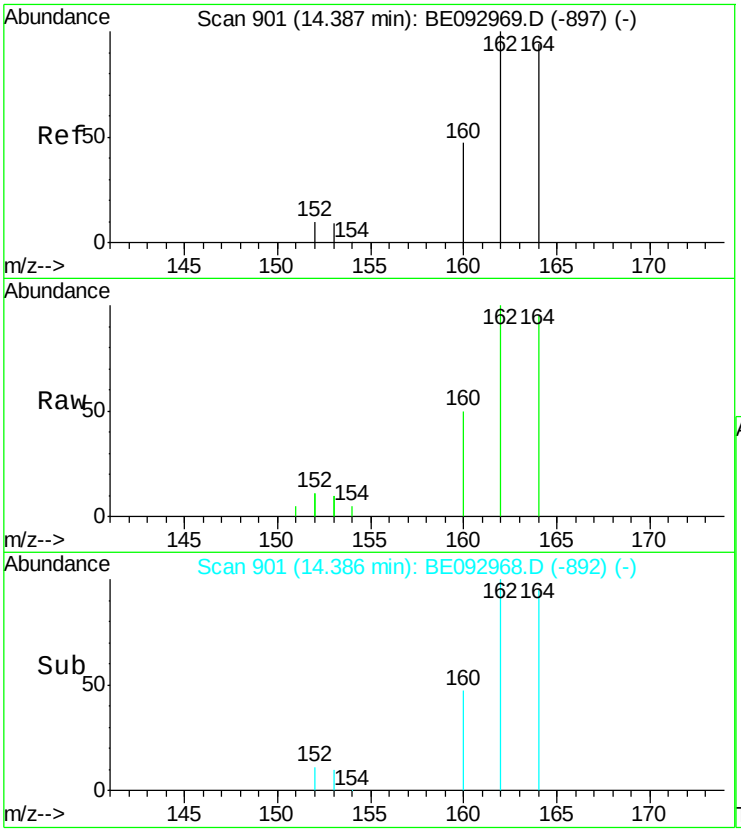


#12
2-Methylnaphthalene
Concen: 0.18 ng
RT: 12.19 min Scan# 765
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:142 Resp: 831

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	108.8
115	44.3	32.2	48.2



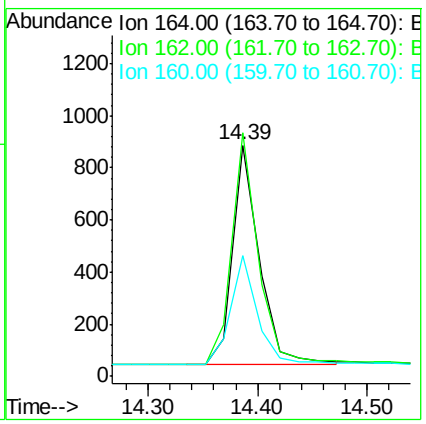


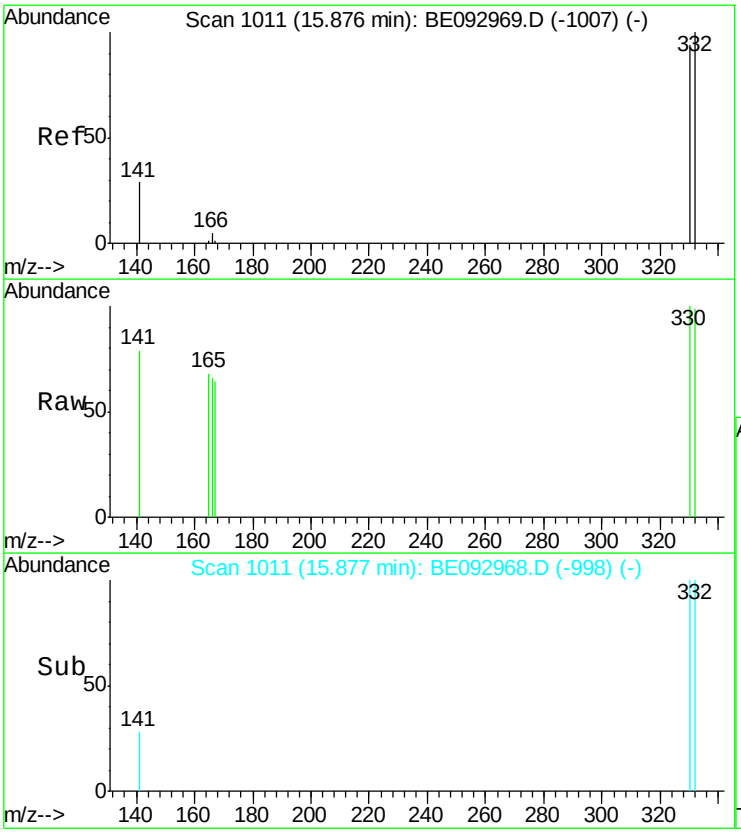
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 1415

Ion	Ratio	Lower	Upper
164	100		
162	105.2	84.6	127.0
160	52.4	41.8	62.6

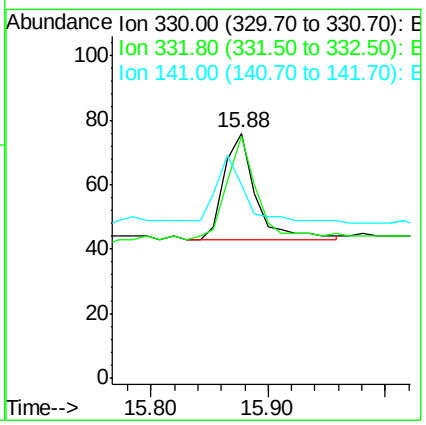


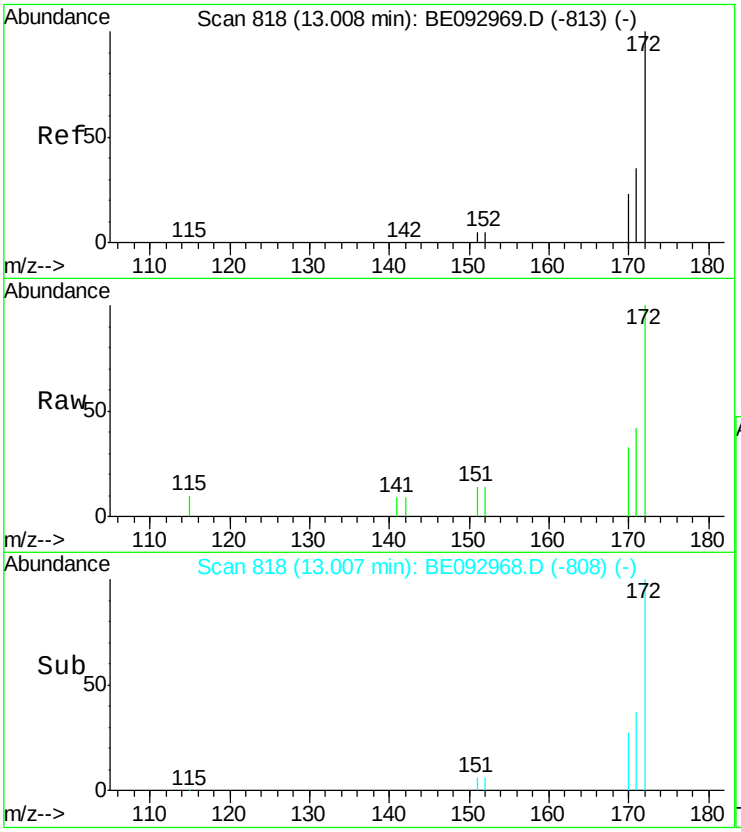


#14
2,4,6-Tribromophenol
Concen: 0.26 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:330 Resp: 62

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.7	116.5
141	61.3	56.2	84.4



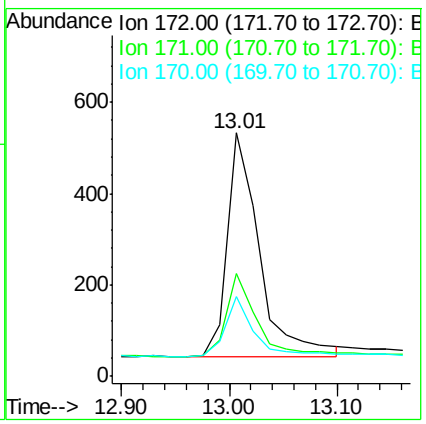


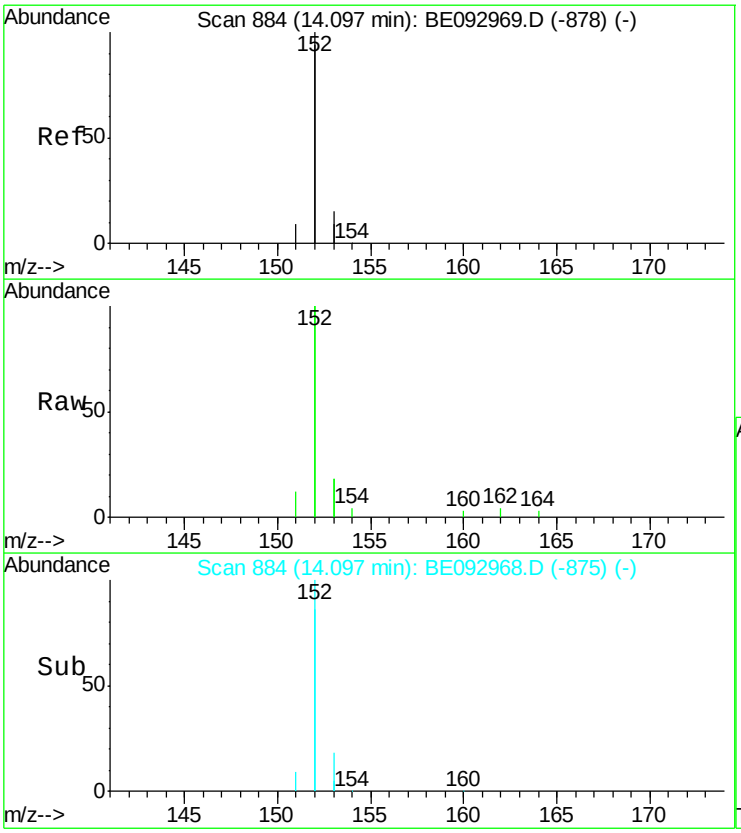
#15
2-Fluorobiphenyl
Concen: 0.16 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 1011

Ion	Ratio	Lower	Upper
172	100		
171	42.0	29.8	44.6
170	32.6	20.7	31.1#

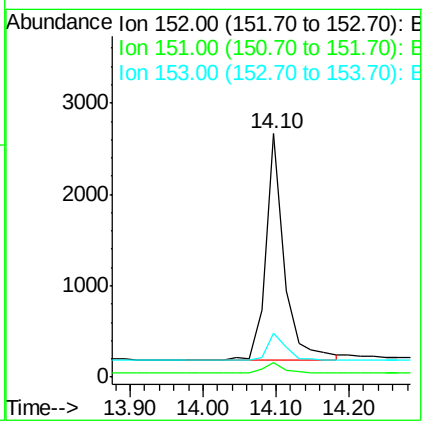


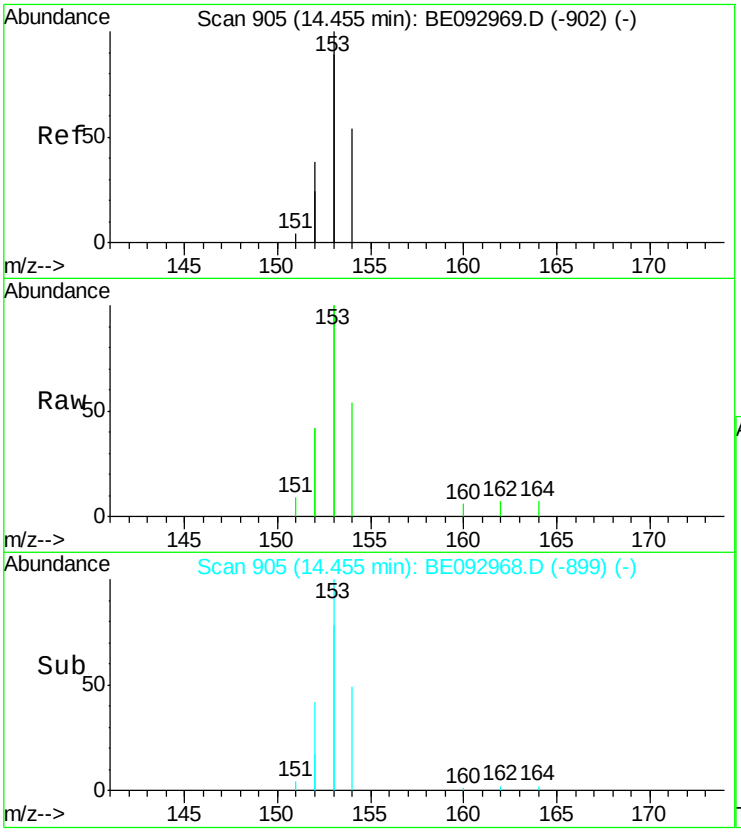


#16
Acenaphthylene
Concen: 0.19 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:152 Resp: 4356

Ion	Ratio	Lower	Upper
152	100		
151	5.0	4.0	6.0
153	12.9	10.3	15.5



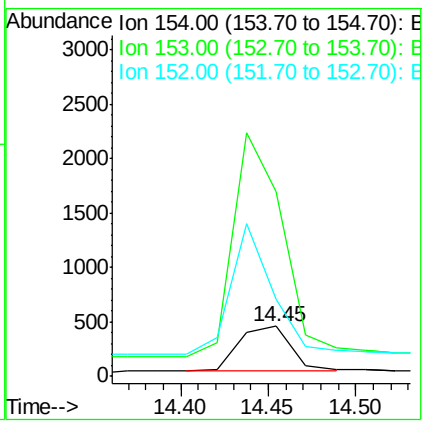


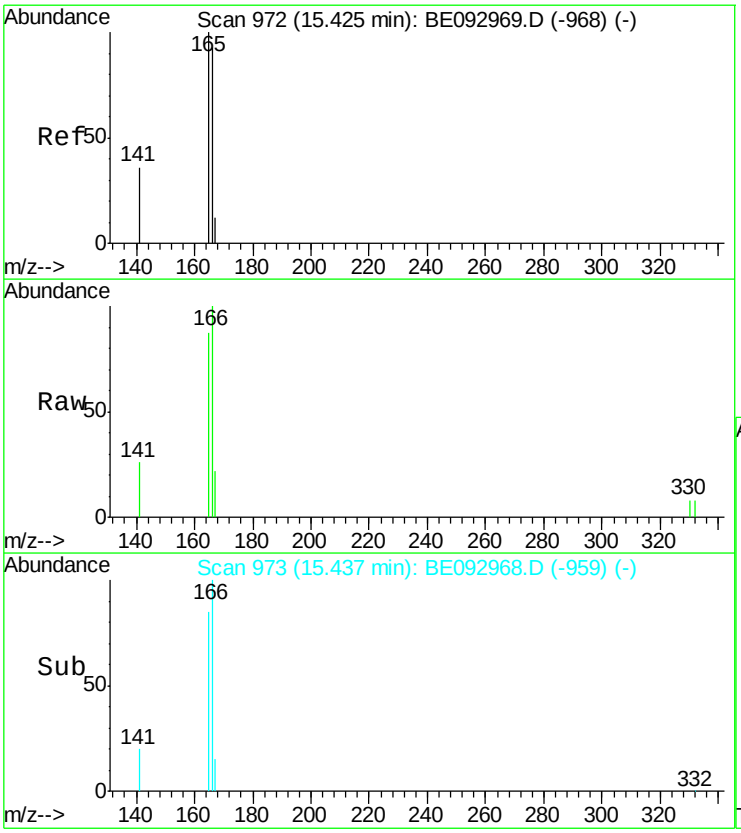
#17
Acenaphthene
Concen: 0.20 ng
RT: 14.45 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 874

Ion	Ratio	Lower	Upper
154	100		
153	462.8	367.8	551.6
152	232.0	188.2	282.2

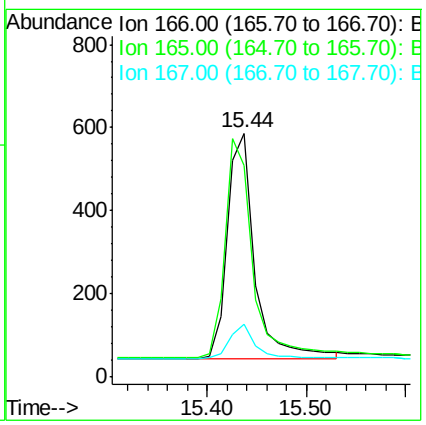


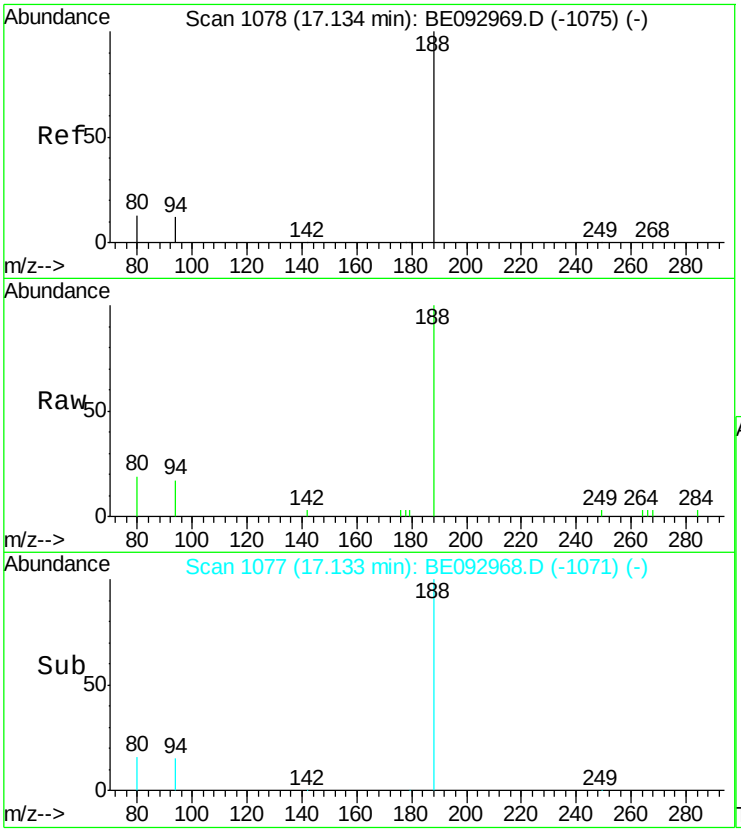


#18
Fluorene
Concen: 0.19 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:166 Resp: 1030

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	14.5	11.1	16.7



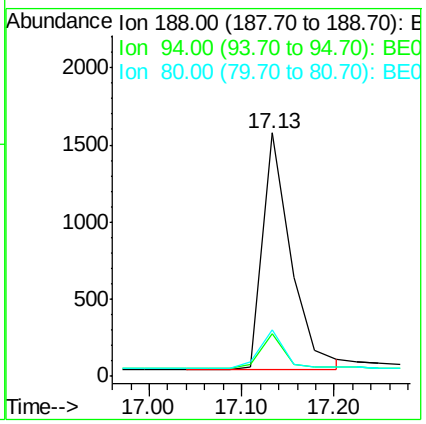


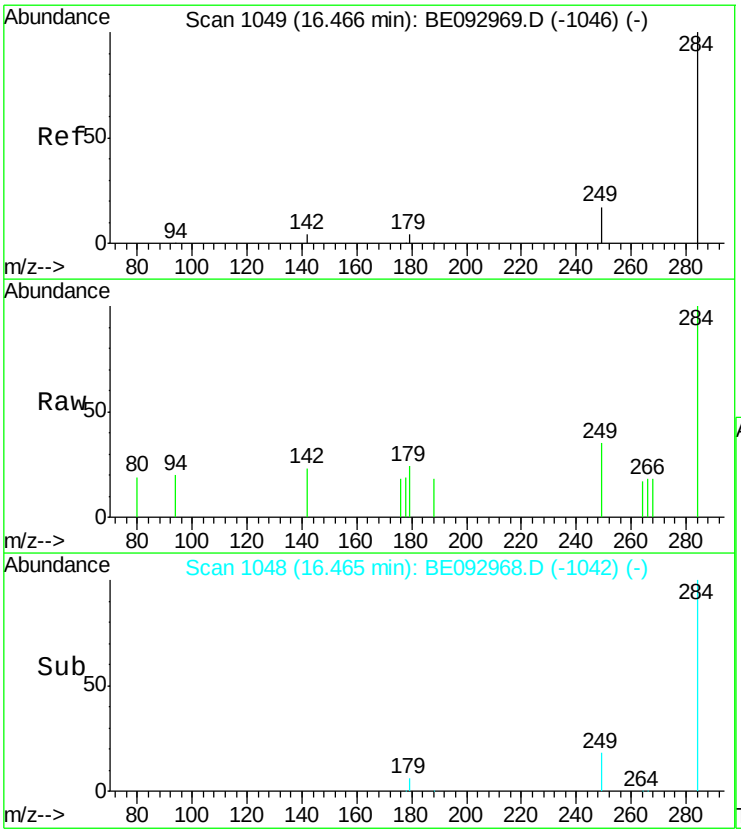
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 3238

Ion	Ratio	Lower	Upper
188	100		
94	17.5	11.3	16.9#
80	19.1	11.7	17.5#

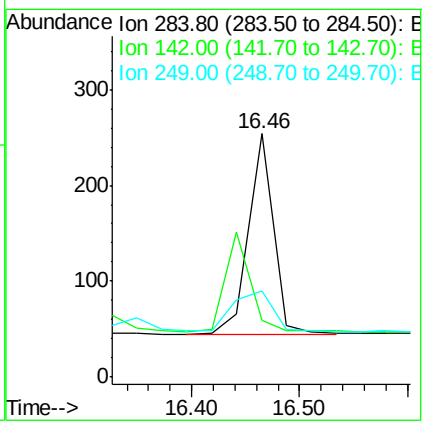


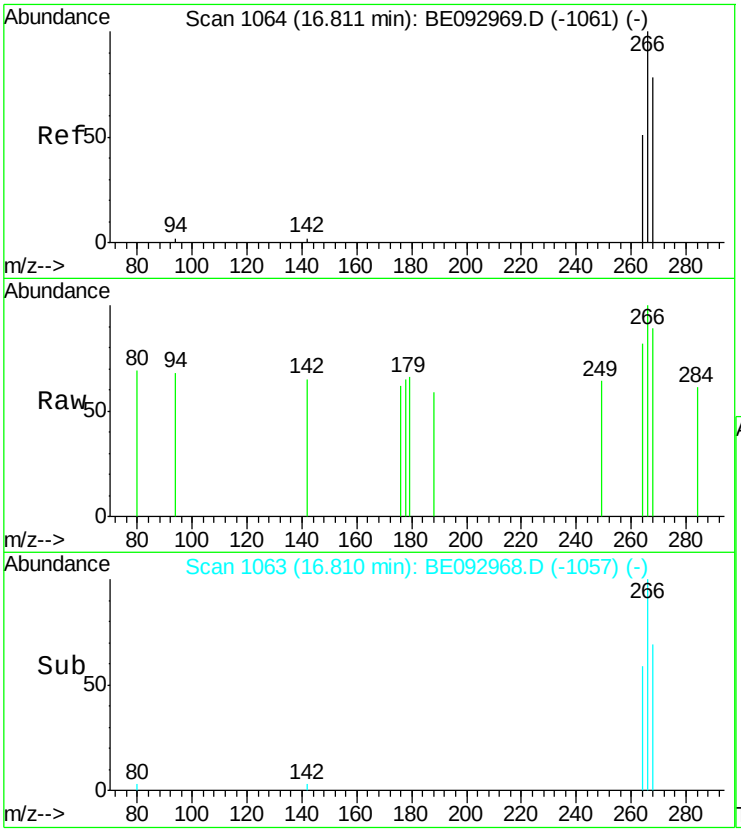


#20
Hexachlorobenzene
Concen: 0.24 ng
RT: 16.46 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:284 Resp: 341

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	32.6	0.0	0.0#



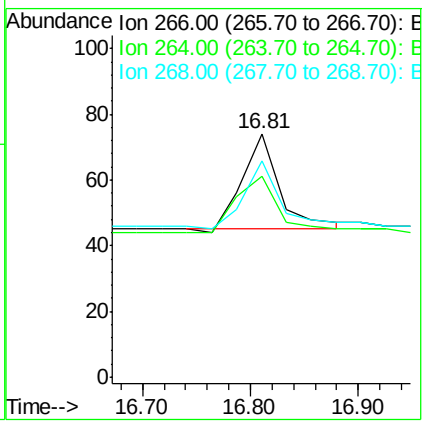


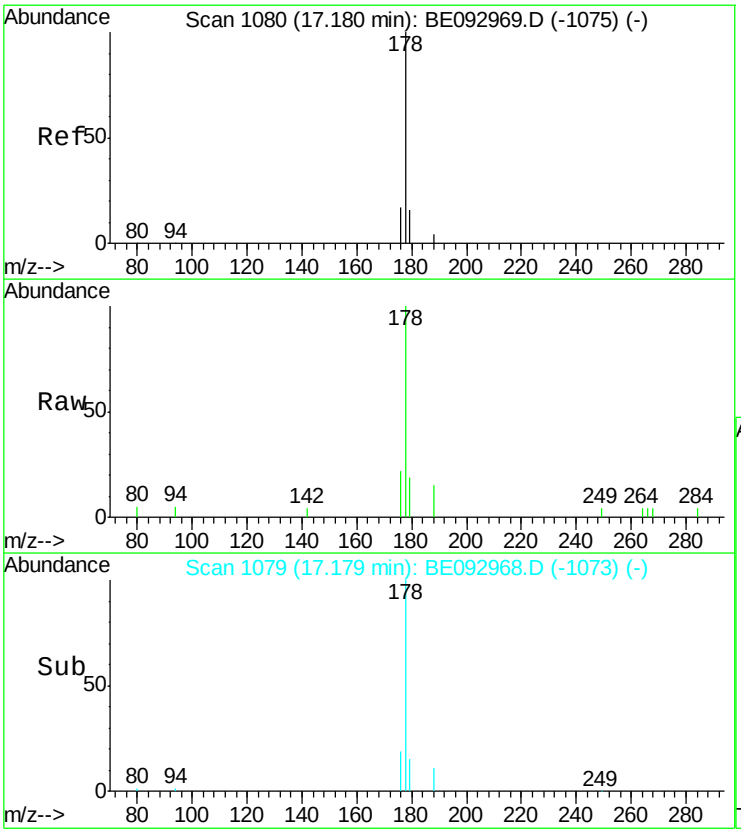
#21
Pentachlorophenol
Concen: 0.24 ng
RT: 16.81 min Scan# 1063
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 69

Ion	Ratio	Lower	Upper
266	100		
264	82.4	58.2	87.2
268	89.2	71.9	107.9

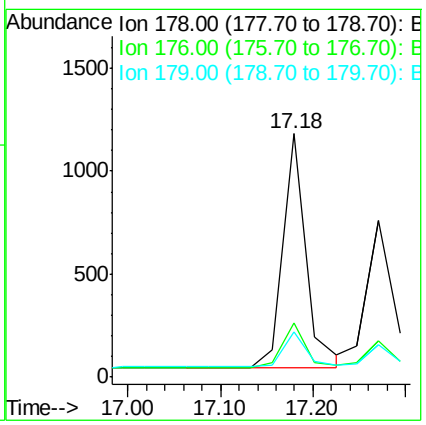


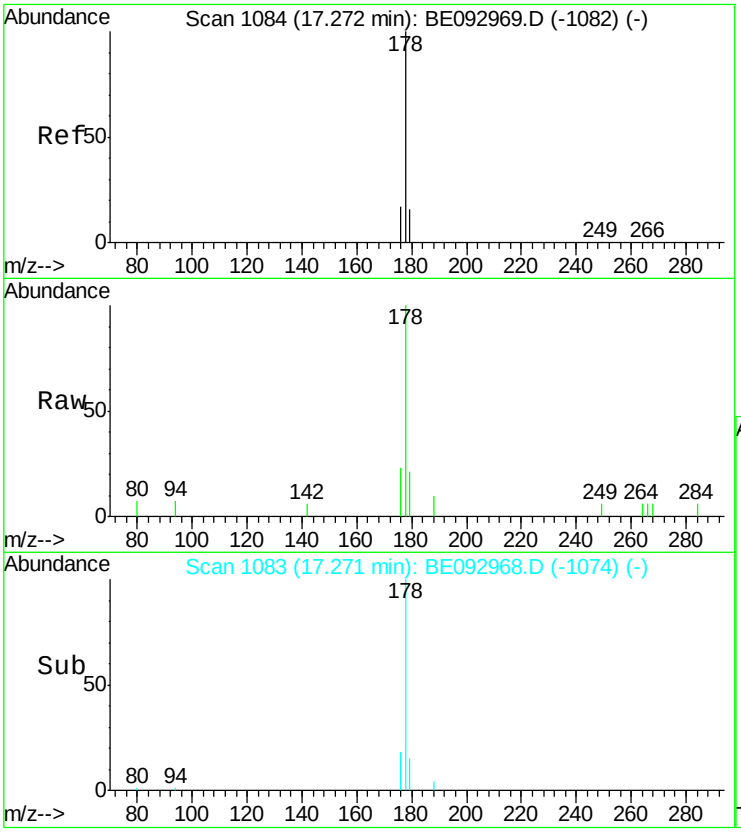


#22
Phenanthrene
Concen: 0.22 ng
RT: 17.18 min Scan# 1079
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:178 Resp: 1968

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.2	12.7	19.1



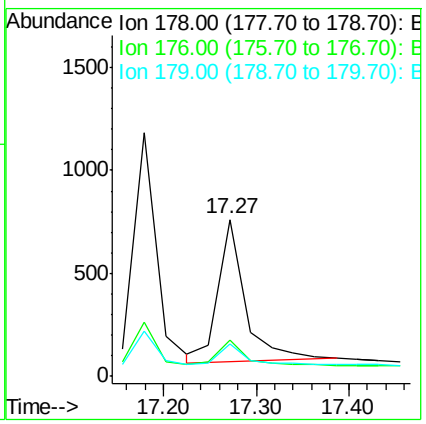


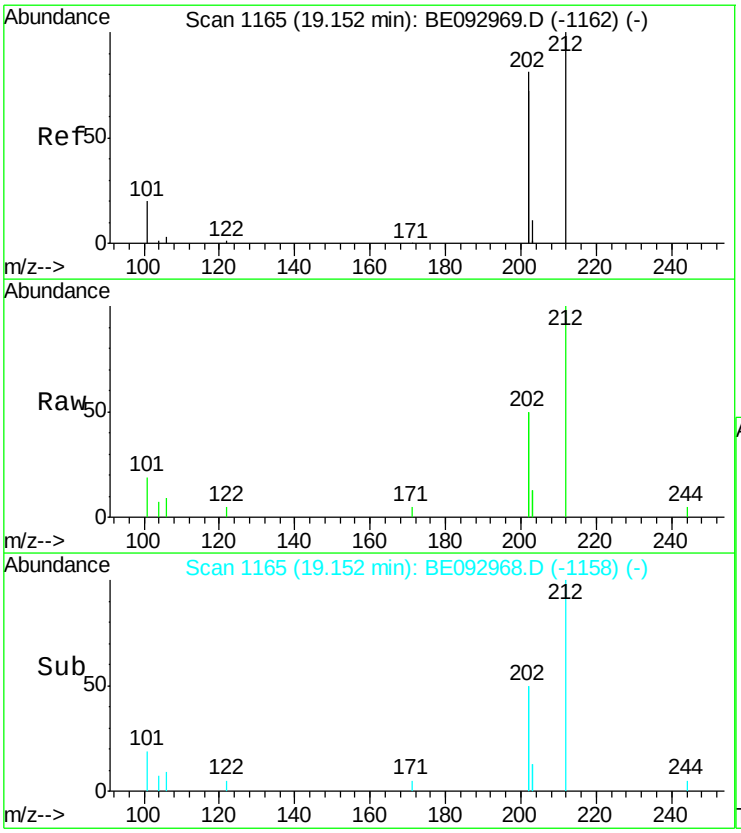
#23
Anthracene
Concen: 0.20 ng
RT: 17.27 min Scan# 1083
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 1420

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.7	12.0	18.0

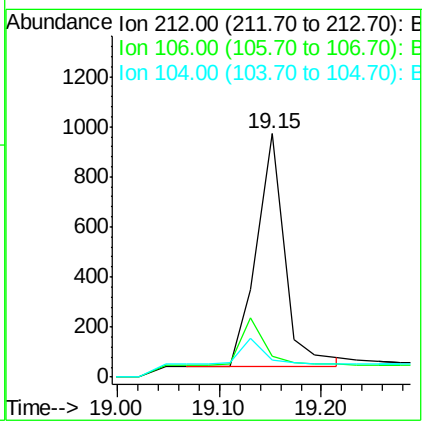


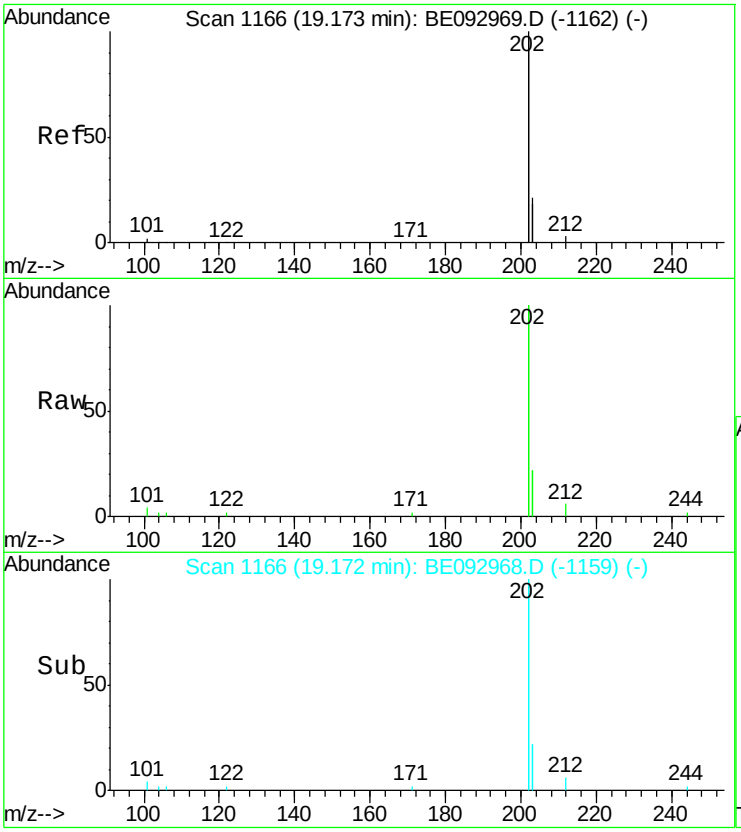


#24
Fluoranthene-d10
Concen: 0.23 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:212 Resp: 1767

Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0



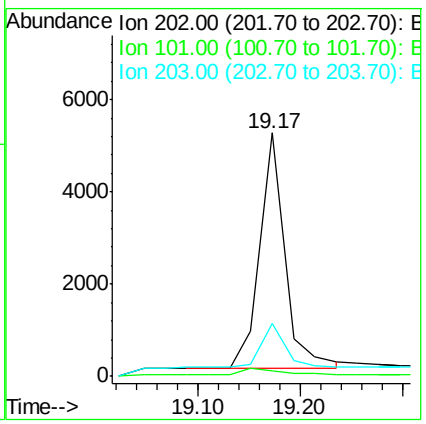


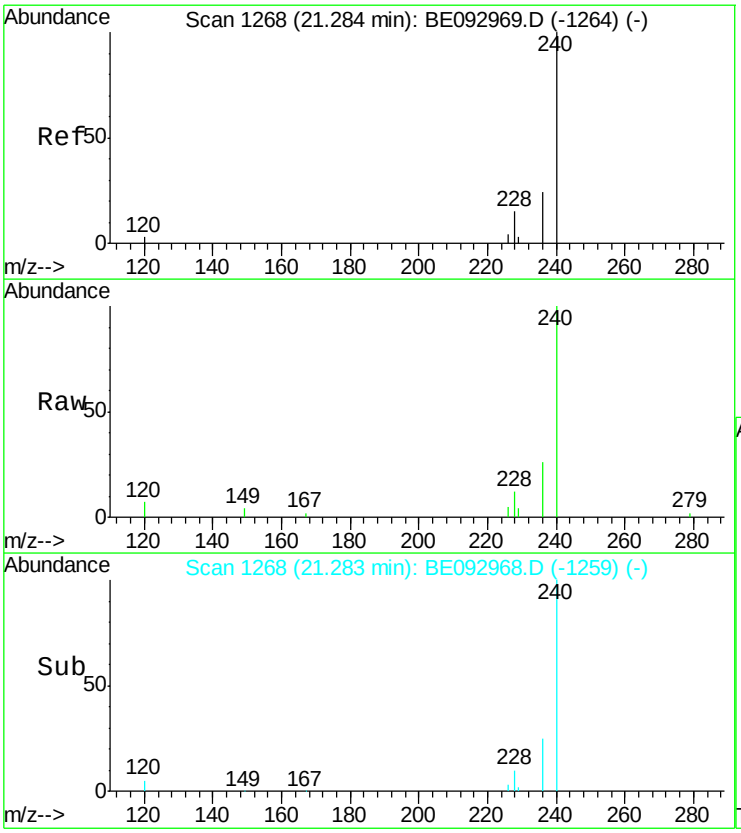
#25
Fluoranthene
Concen: 0.22 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 8646

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	17.8	14.4	21.6

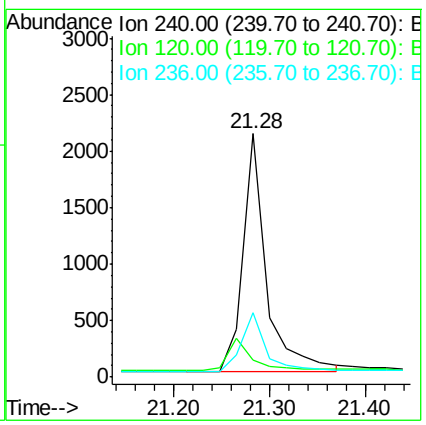


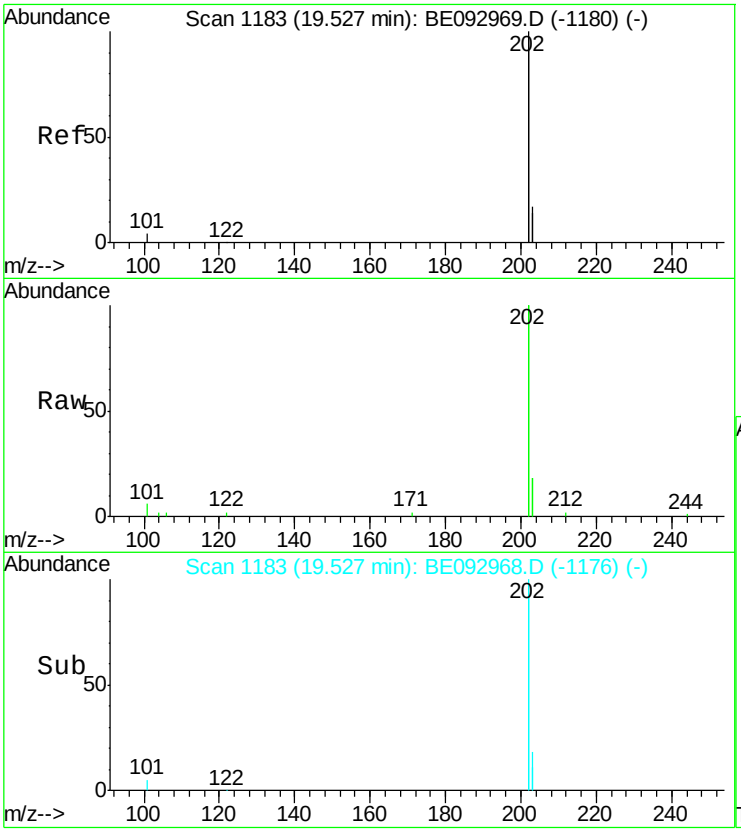


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:240 Resp: 3592

Ion	Ratio	Lower	Upper
240	100		
120	7.2	4.6	7.0#
236	26.3	20.8	31.2



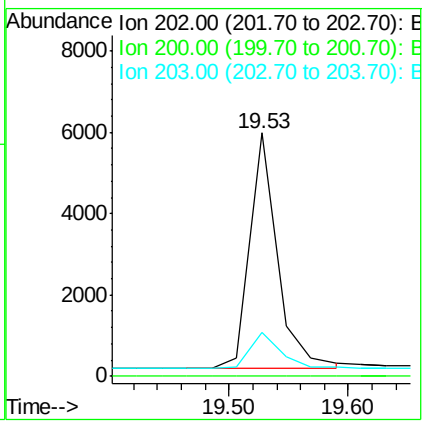


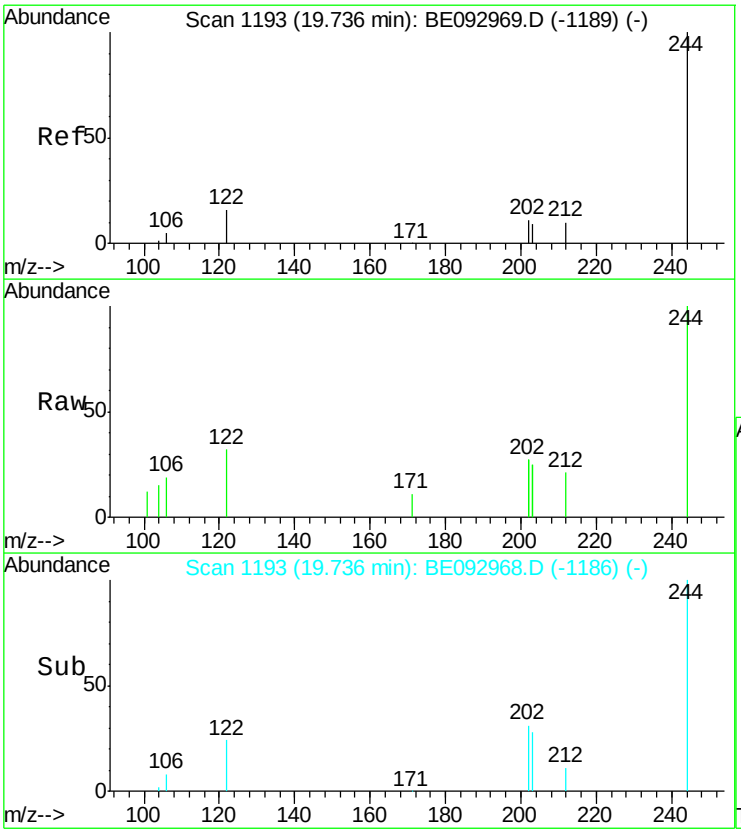
#27
Pyrene
Concen: 0.20 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 9341

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.0	13.7	20.5

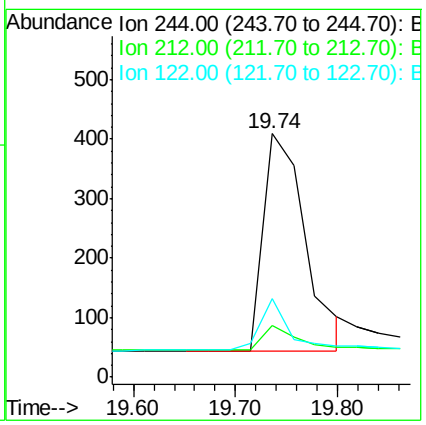


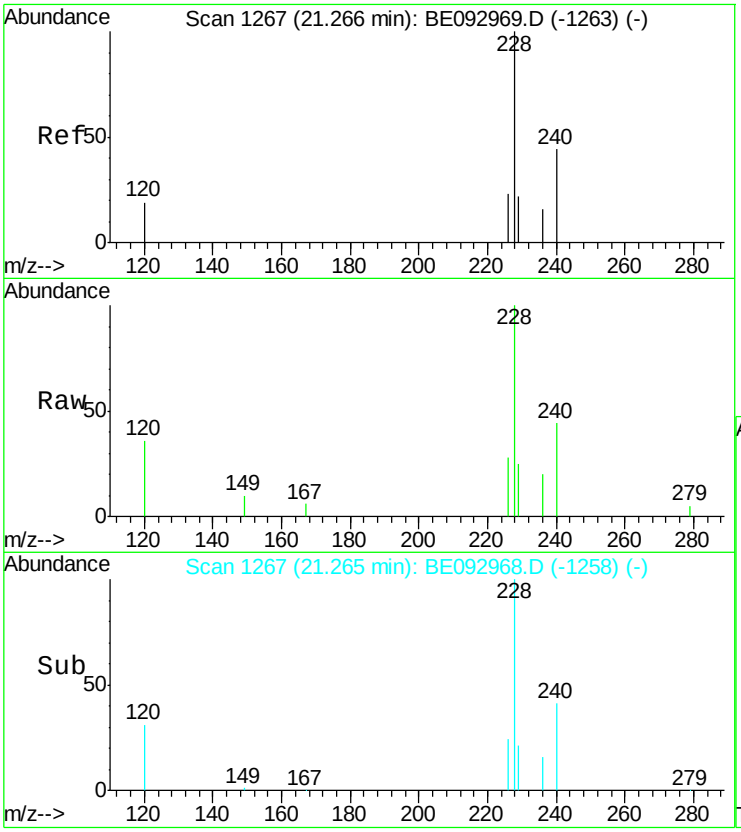


#28
Terphenyl-d14
Concen: 0.17 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:244 Resp: 1035

Ion	Ratio	Lower	Upper
244	100		
212	21.0	10.6	16.0#
122	32.3	15.4	23.0#



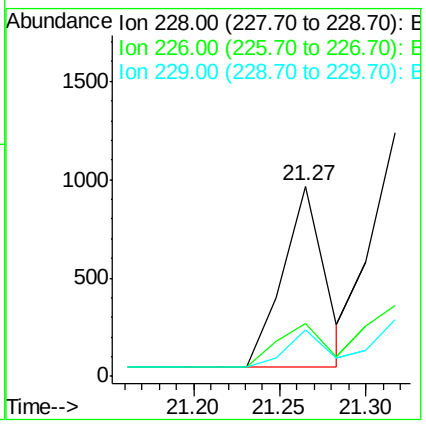


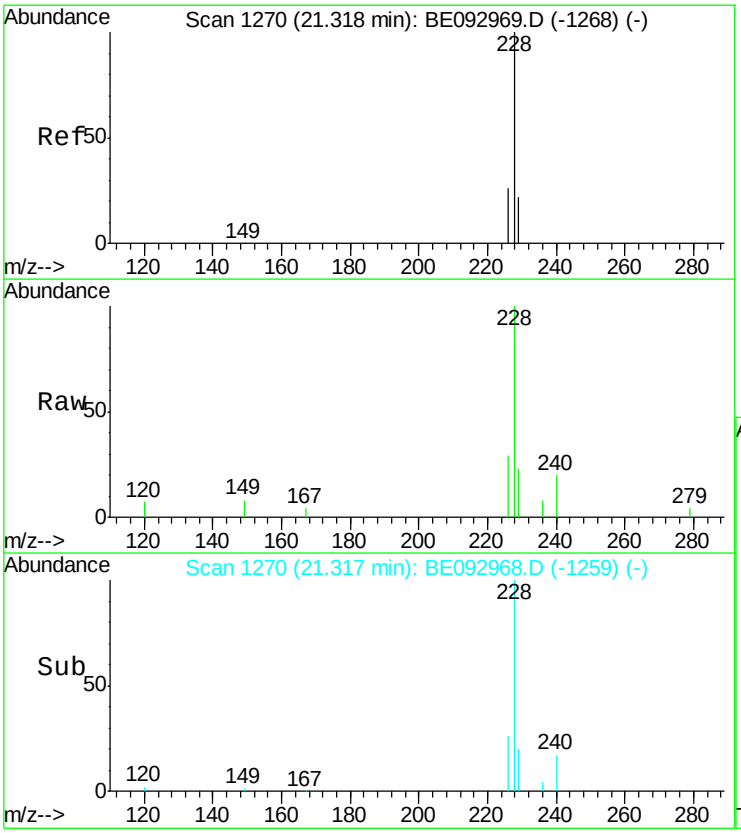
#29
Benzo(a)anthracene
Concen: 0.18 ng
RT: 21.27 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 1552

Ion	Ratio	Lower	Upper
228	100		
226	27.8	19.7	29.5
229	24.6	19.2	28.8

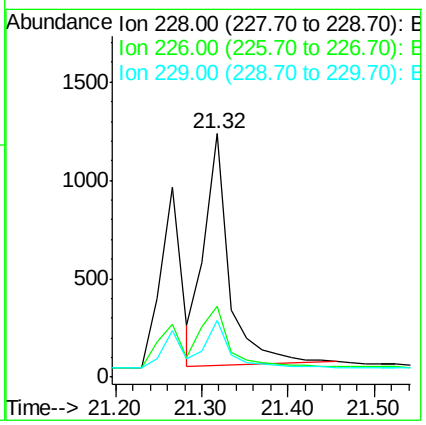


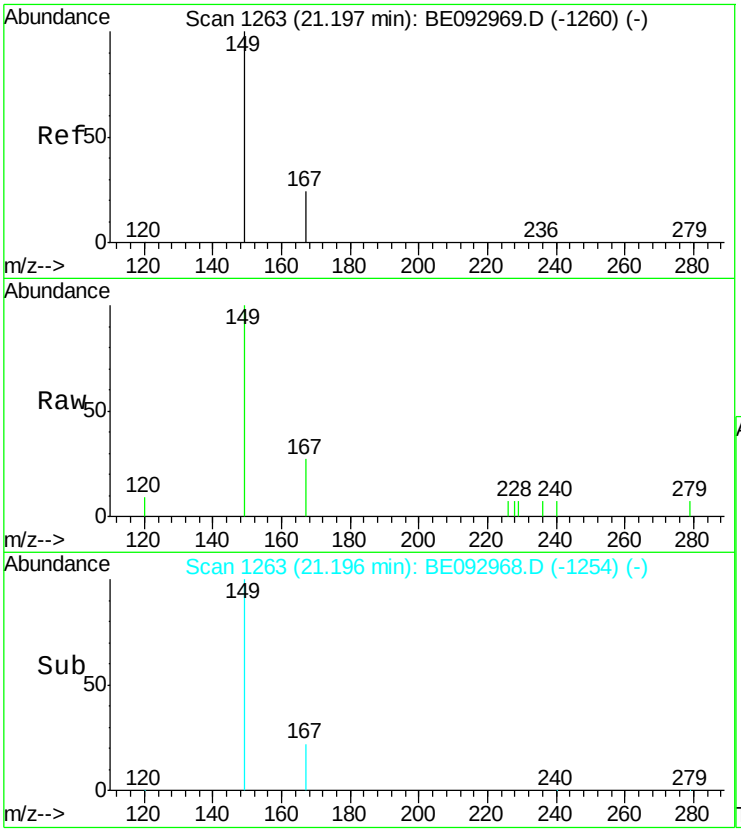


#30
Chrysene
Concen: 0.22 ng
RT: 21.32 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:228 Resp: 2388

Ion	Ratio	Lower	Upper
228	100		
226	29.2	21.5	32.3
229	23.3	18.6	28.0



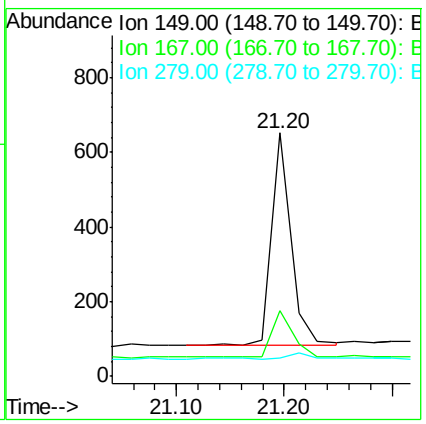


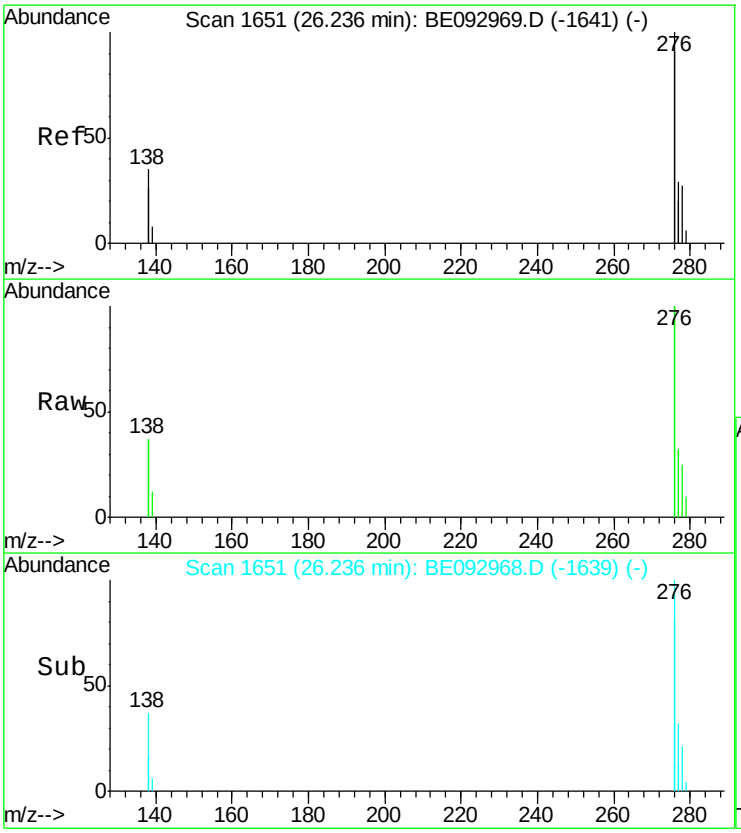
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.28 ng
RT: 21.20 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 714

Ion	Ratio	Lower	Upper
149	100		
167	23.8	20.1	30.1
279	3.2	2.2	3.4

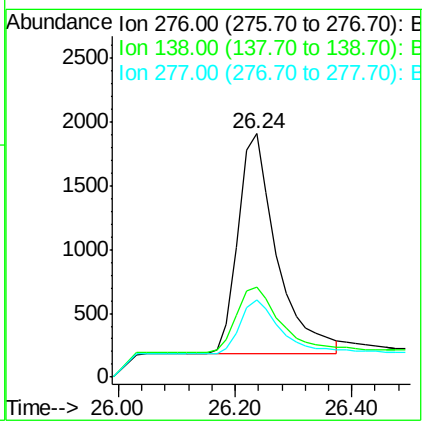


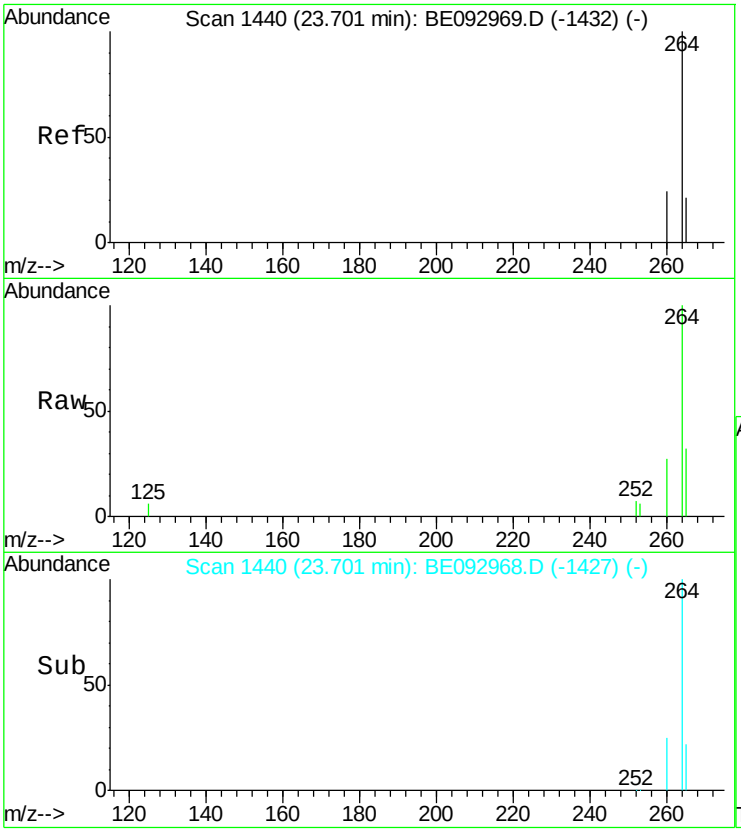


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 26.24 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:276 Resp: 8056

Ion	Ratio	Lower	Upper
276	100		
138	33.5	27.4	41.2
277	25.1	20.1	30.1



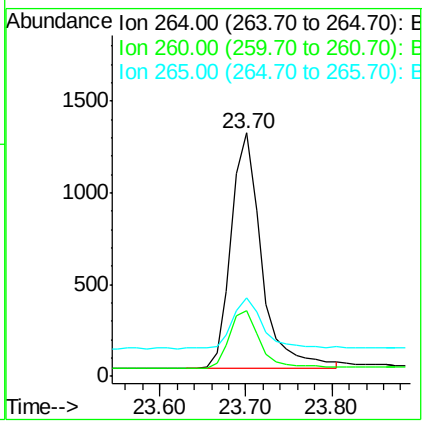


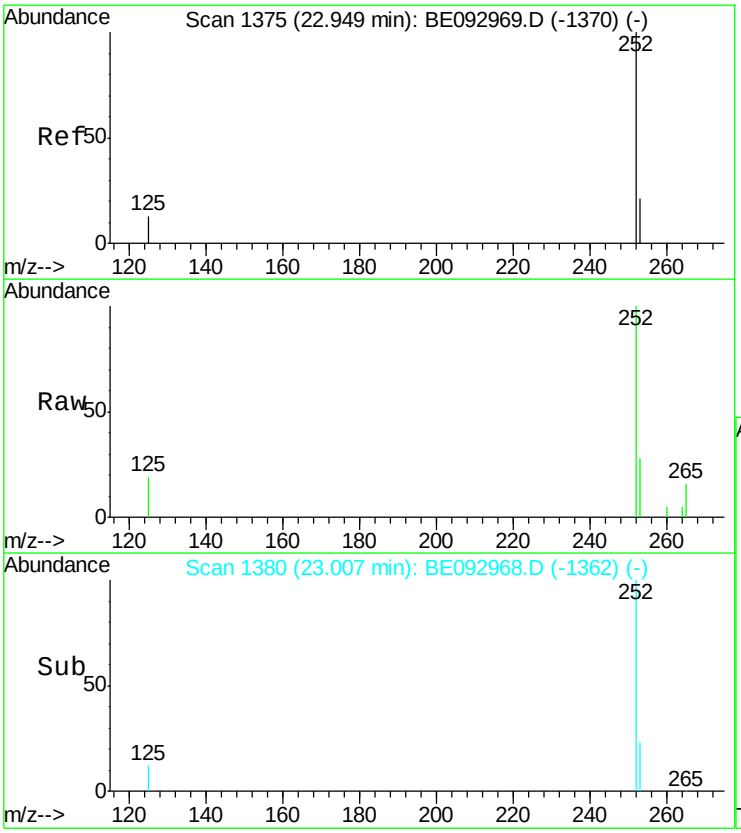
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 3152

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.0	31.4
265	32.5	24.6	36.8

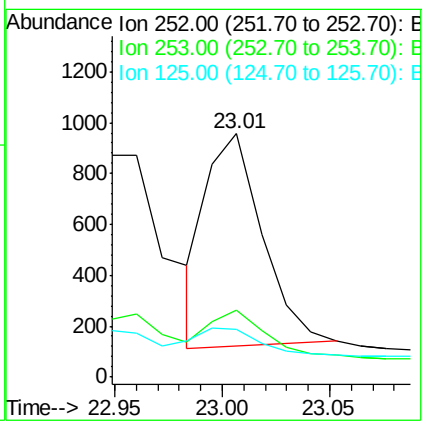


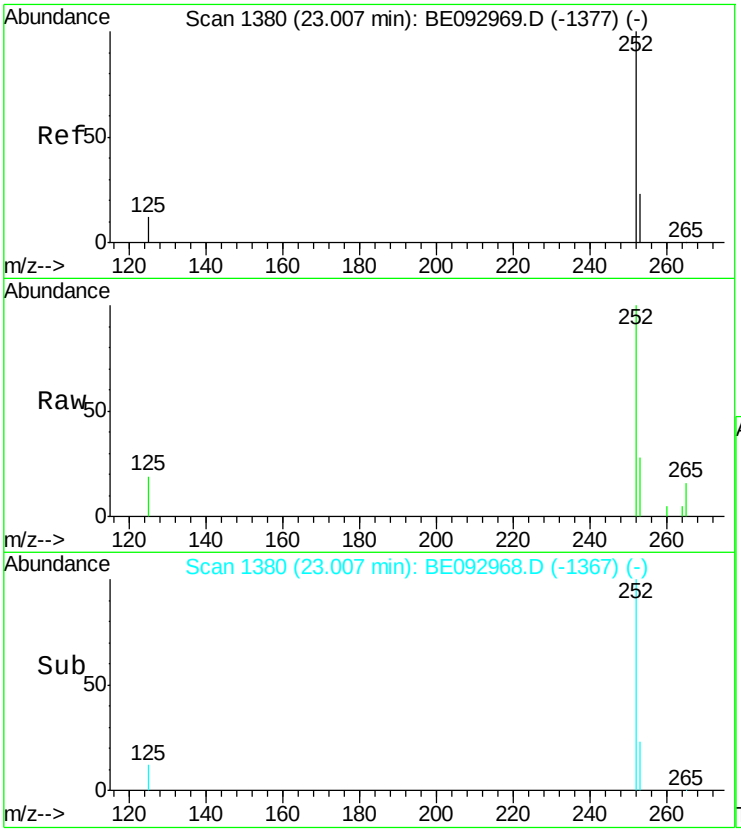


#34
Benzo(b)fluoranthene
Concen: 0.15 ng
RT: 23.01 min Scan# 1380
Delta R.T. 0.06 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:252 Resp: 1521

Ion	Ratio	Lower	Upper
252	100		
253	27.7	18.5	27.7
125	19.4	13.4	20.0



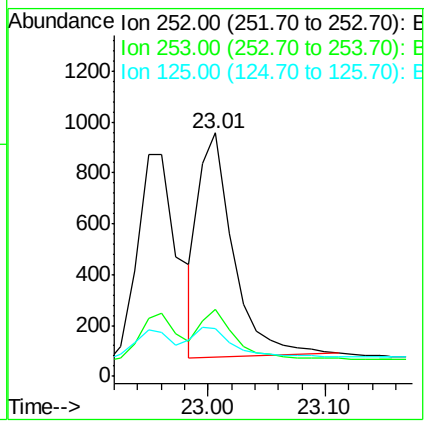


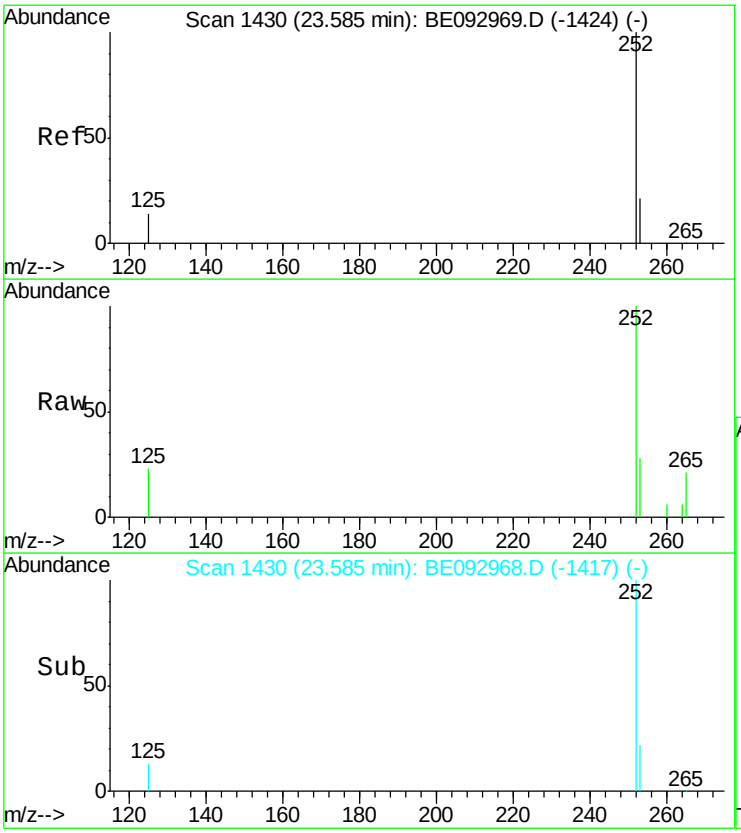
#35
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.01 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 1800

Ion	Ratio	Lower	Upper
252	100		
253	27.7	20.3	30.5
125	19.4	12.2	18.4#

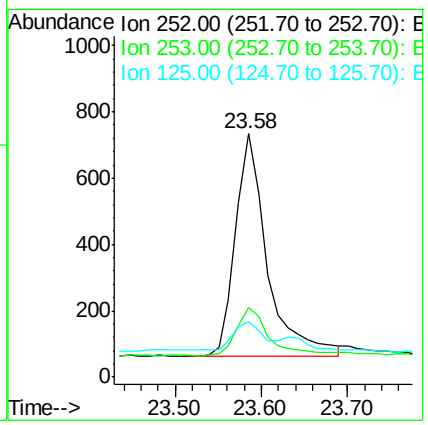


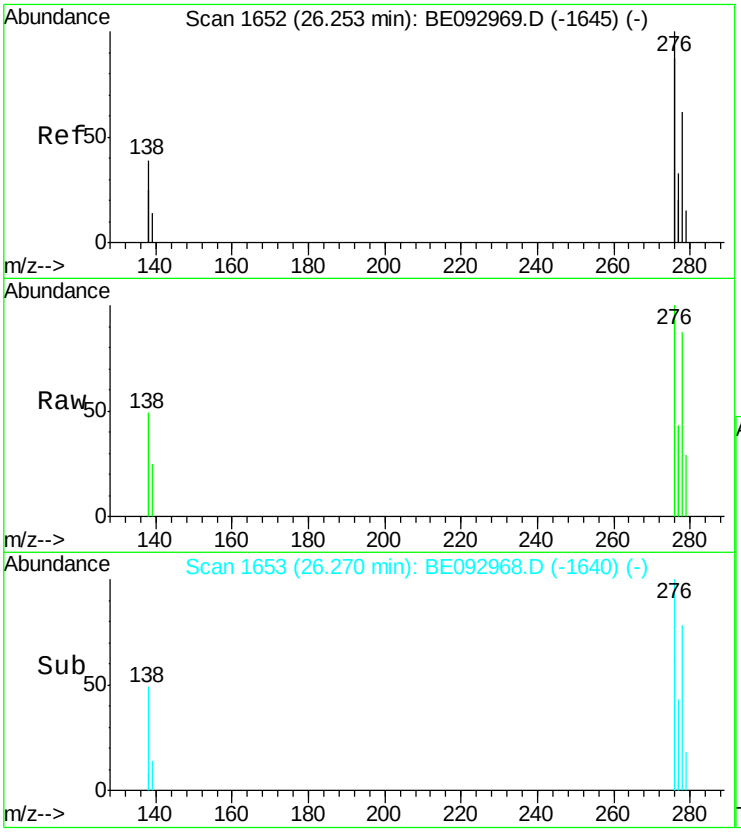


#36
Benzo(a)pyrene
Concen: 0.20 ng
RT: 23.58 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:252 Resp: 1734

Ion	Ratio	Lower	Upper
252	100		
253	28.5	19.9	29.9
125	23.0	14.6	21.8#



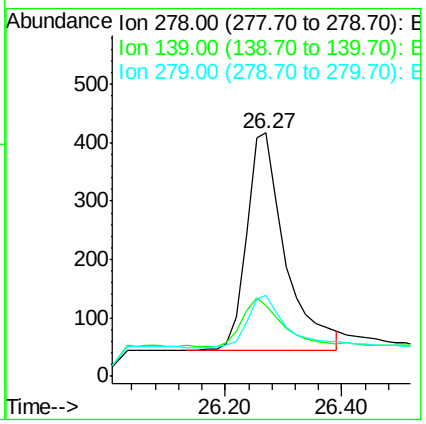


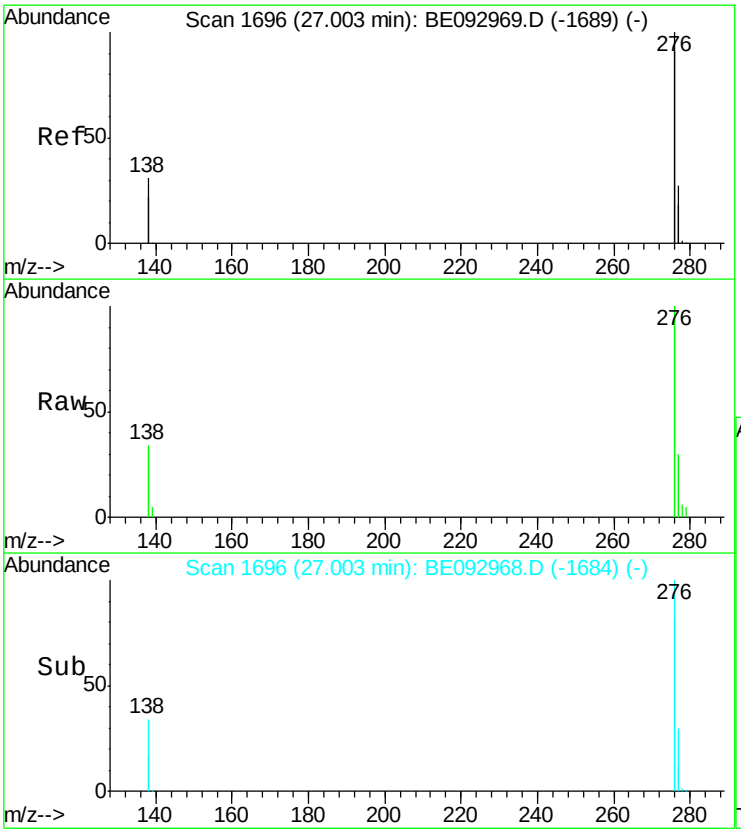
#37
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.27 min Scan# 1653
Delta R.T. 0.02 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 1700

Ion	Ratio	Lower	Upper
278	100		
139	28.8	21.4	32.0
279	33.1	22.2	33.2





#38
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.00 min
Lab File: BE092968.D
Acq: 9 May 2017 17:57

Tgt Ion:276 Resp: 7739

Ion	Ratio	Lower	Upper
276	100		
277	29.6	21.2	31.8
138	34.3	24.5	36.7