Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051117\
Data File : BE092997.D
Acq On : 11 May 2017 15:42
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: May 11 18:47:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration

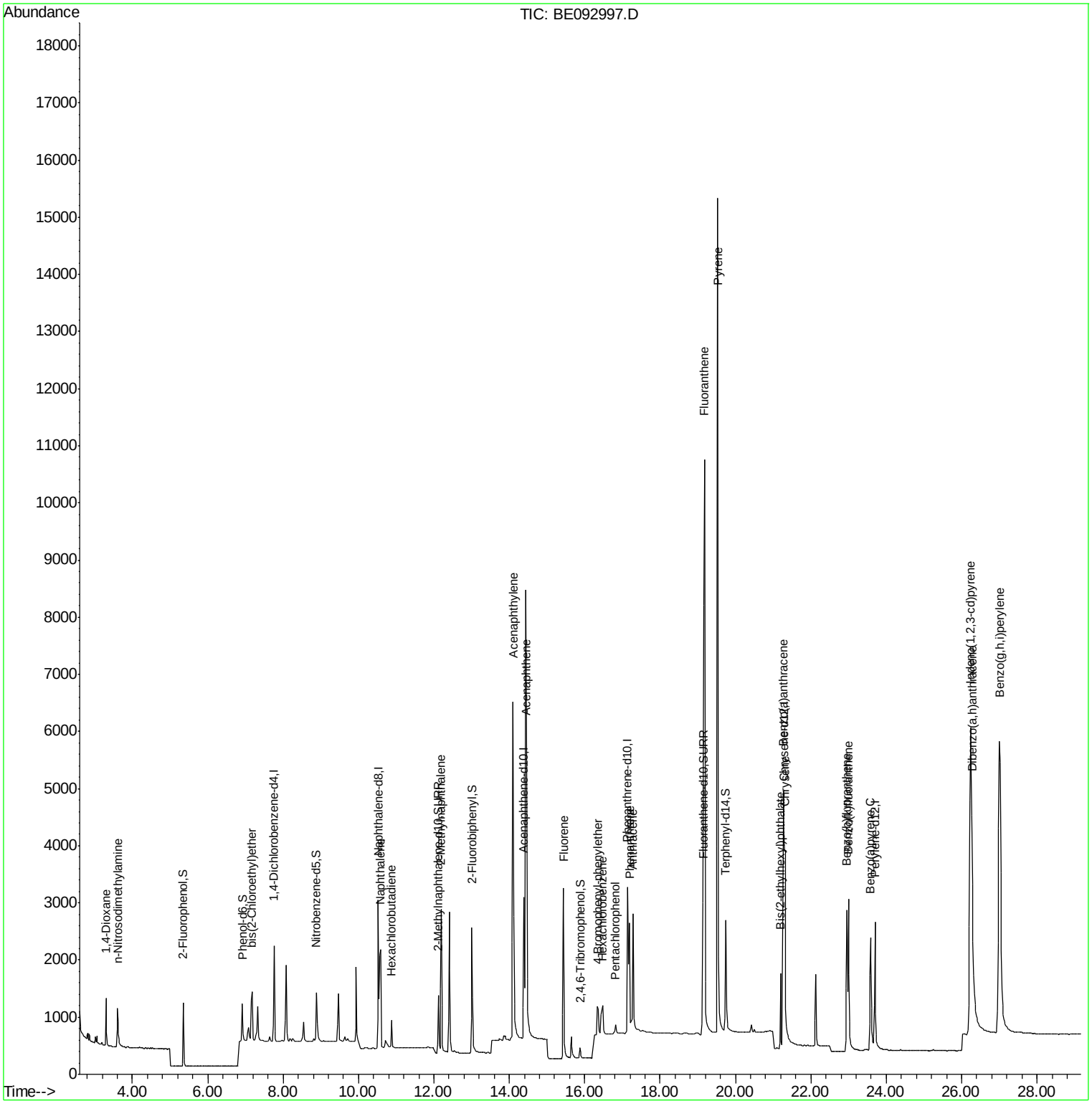
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	855	0.40	ng		-0.02
7) Naphthalene-d8	10.53	136	3465	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1713	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	4267	0.40	ng		0.00
27) Chrysene-d12	21.28	240	4523	0.40	ng		0.00
34) Perylene-d12	23.70	264	3624	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	823	0.35	ng		0.00
5) Phenol-d6	6.92	99	1038	0.35	ng		-0.02
8) Nitrobenzene-d5	8.88	82	954	0.35	ng		-0.02
11) 2-Methylnaphthalene-d10	12.12	152	1767	0.36	ng		-0.02
14) 2,4,6-Tribromophenol	15.88	330	150	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2379	0.35	ng		0.00
25) Fluoranthene-d10	19.14	212	3823	0.34	ng		-0.02
29) Terphenyl-d14	19.74	244	2666	0.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	593	0.35	ng		98
3) n-Nitrosodimethylamine	3.61	42	511	0.35	ng		99
6) bis(2-Chloroethyl)ether	7.18	93	1013	0.35	ng	#	99
9) Naphthalene	10.58	128	3290	0.36	ng		99
10) Hexachlorobutadiene	10.87	225	444	0.35	ng		97
12) 2-Methylnaphthalene	12.19	142	1955	0.36	ng		97
16) Acenaphthylene	14.10	152	9774	0.34	ng		100
17) Acenaphthene	14.46	154	1855	0.35	ng		98
18) Fluorene	15.44	166	2318	0.35	ng		100
20) 4-Bromophenyl-phenylether	16.36	248	459	0.34	ng		94
21) Hexachlorobenzene	16.47	284	718	0.33	ng	#	100
22) Pentachlorophenol	16.82	266	190	0.43	ng		95
23) Phenanthrene	17.19	178	3483	0.35	ng		99
24) Anthracene	17.28	178	3188	0.36	ng		99
26) Fluoranthene	19.18	202	18095	0.33	ng	#	98
28) Pyrene	19.53	202	20337	0.36	ng	#	99
30) Benzo(a)anthracene	21.27	228	3794	0.34	ng		99
31) Chrysene	21.32	228	4981	0.36	ng		98
32) Bis(2-ethylhexyl)phthalate	21.20	149	1298	0.34	ng		99
33) Indeno(1,2,3-cd)pyrene	26.24	276	15589	0.35	ng		98
35) Benzo(b)fluoranthene	22.95	252	4290	0.37	ng		99
36) Benzo(k)fluoranthene	23.01	252	3656	0.31	ng		99
37) Benzo(a)pyrene	23.58	252	3581	0.35	ng		100
38) Dibenzo(a,h)anthracene	26.27	278	3212	0.35	ng		97
39) Benzo(g,h,i)perylene	27.00	276	14514	0.35	ng		98

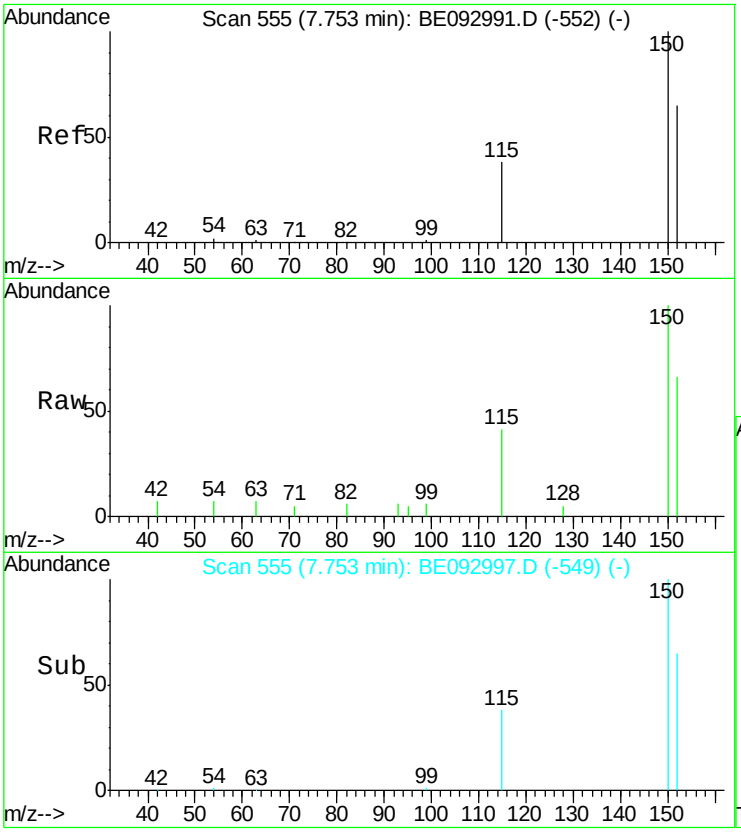
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\Data\BE051117\
Data File : BE092997.D
Acq On : 11 May 2017 15:42
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: May 11 18:47:20 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 14:48:08 2017
Response via : Initial Calibration



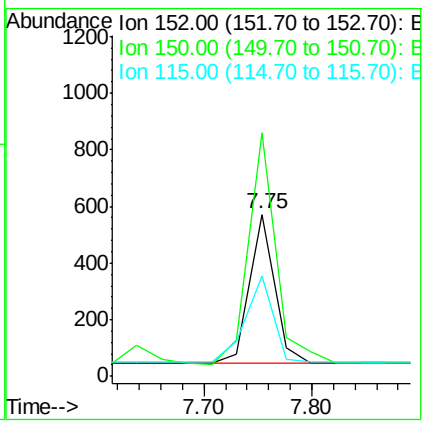


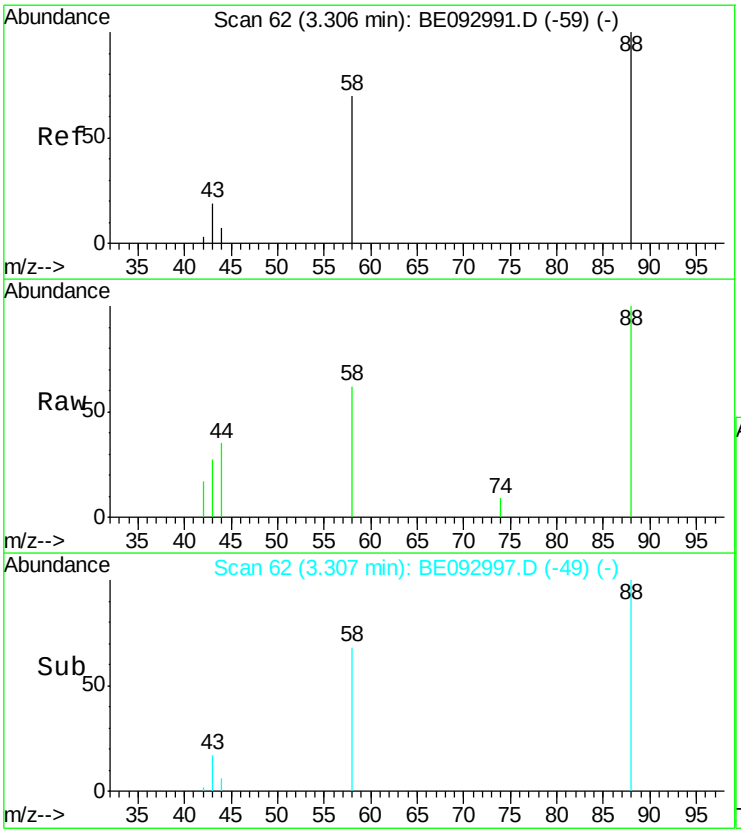
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.75 min Scan# 555
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 855

Ion	Ratio	Lower	Upper
152	100		
150	150.6	125.1	187.7
115	62.2	55.7	83.5

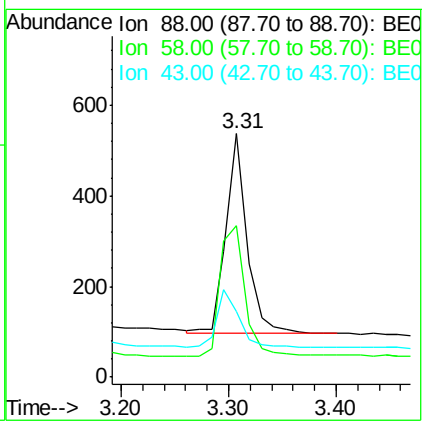


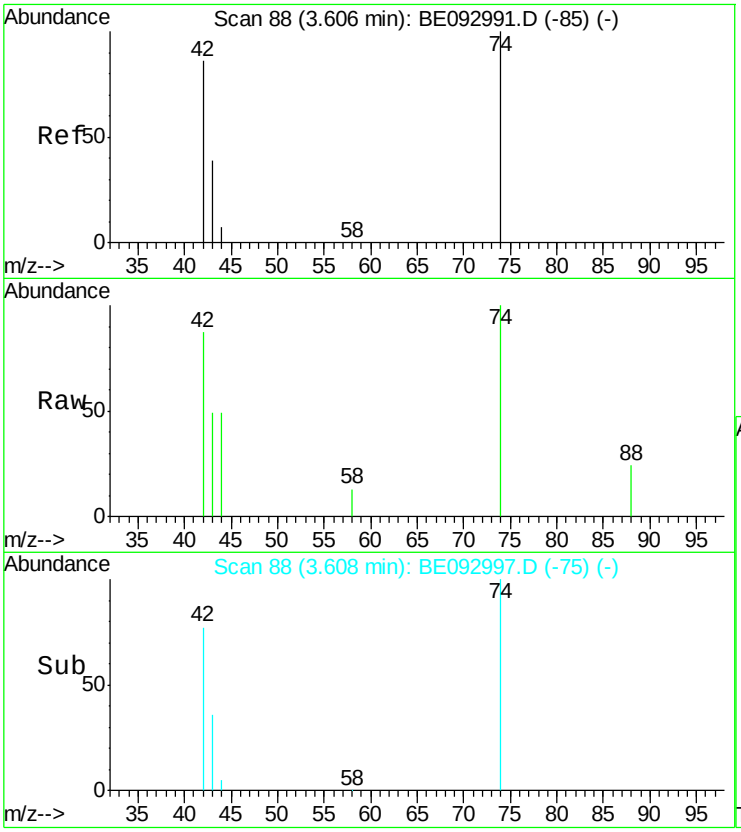


#2
1,4-Dioxane
Concen: 0.35 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion: 88 Resp: 593

Ion	Ratio	Lower	Upper
88	100		
58	76.7	62.2	93.4
43	30.4	23.2	34.8



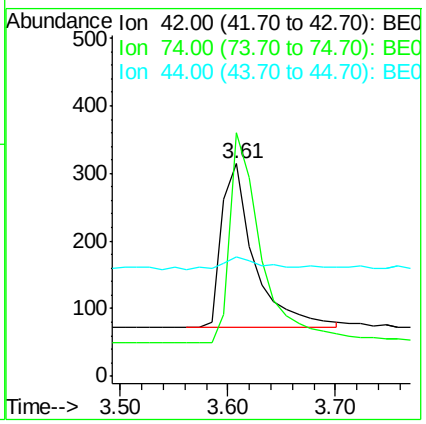


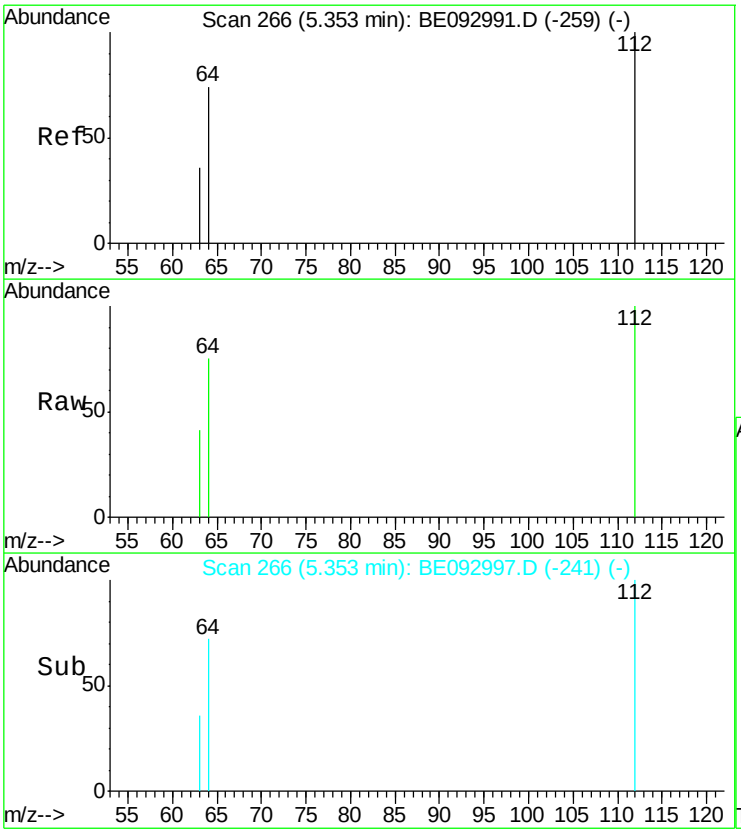
#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 511

Ion	Ratio	Lower	Upper
42	100		
74	122.7	99.1	148.7
44	8.6	7.4	11.2

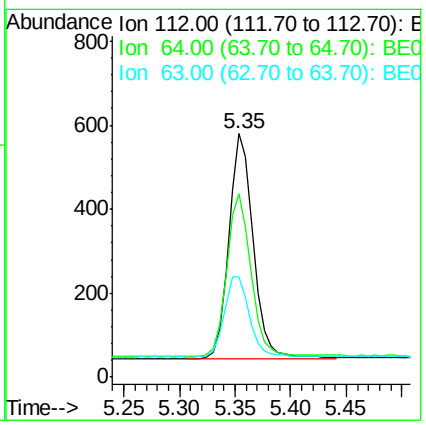


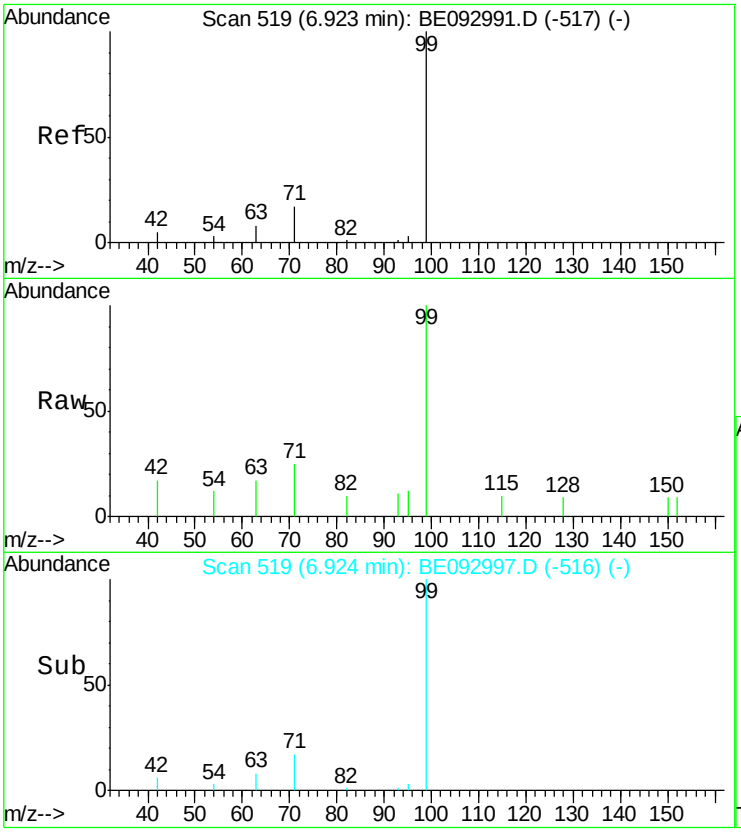


#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:112 Resp: 823

Ion	Ratio	Lower	Upper
112	100		
64	71.7	56.4	84.6
63	36.9	29.3	43.9



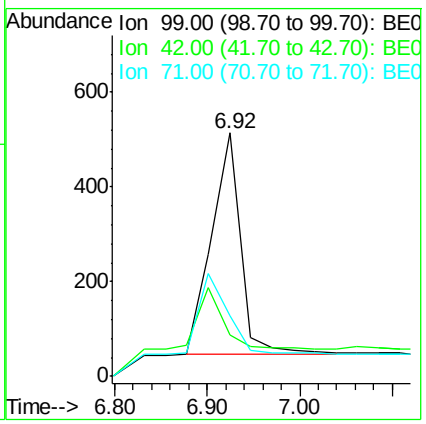


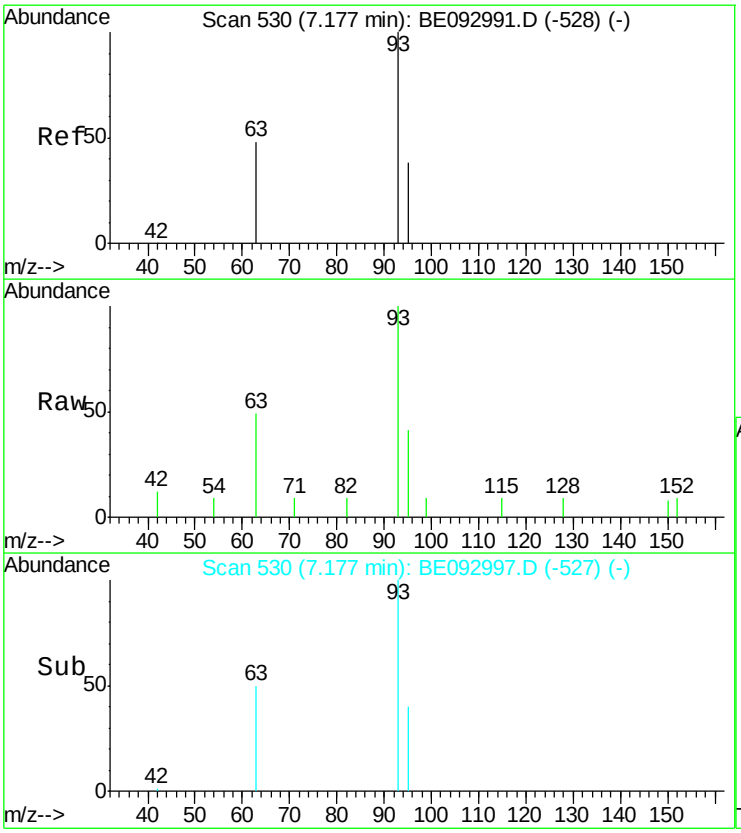
#5
Phenol-d6
Concen: 0.35 ng
RT: 6.92 min Scan# 519
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 1038

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

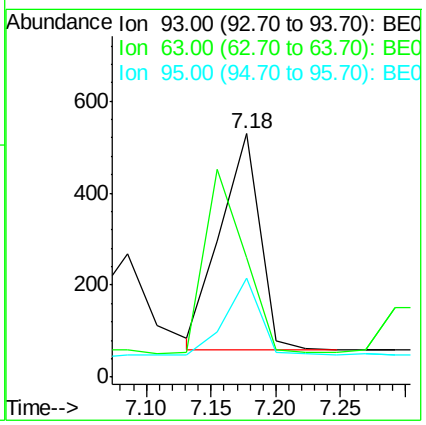


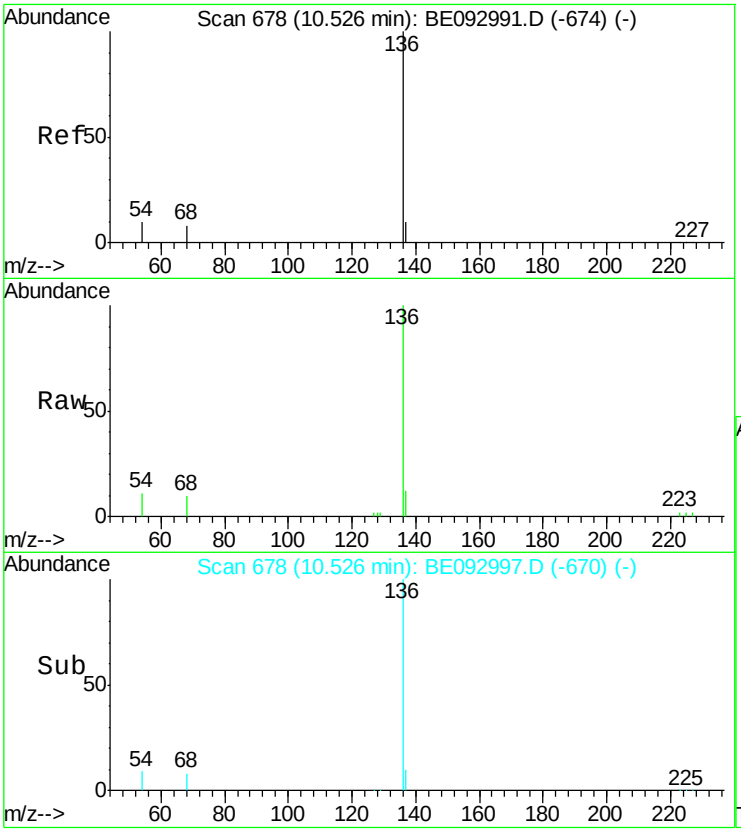


#6
bis(2-Chloroethyl)ether
Concen: 0.35 ng
RT: 7.18 min Scan# 530
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion: 93 Resp: 1013

Ion	Ratio	Lower	Upper
93	100		
63	0.0	0.0	0.0
95	31.1	25.4	38.0



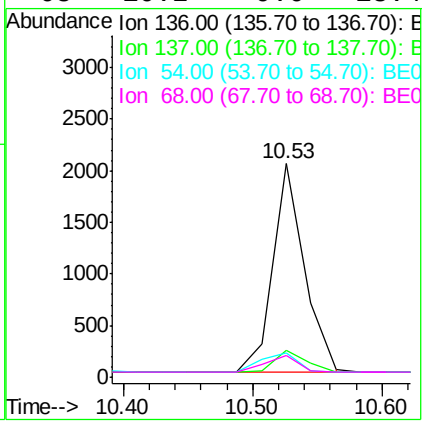


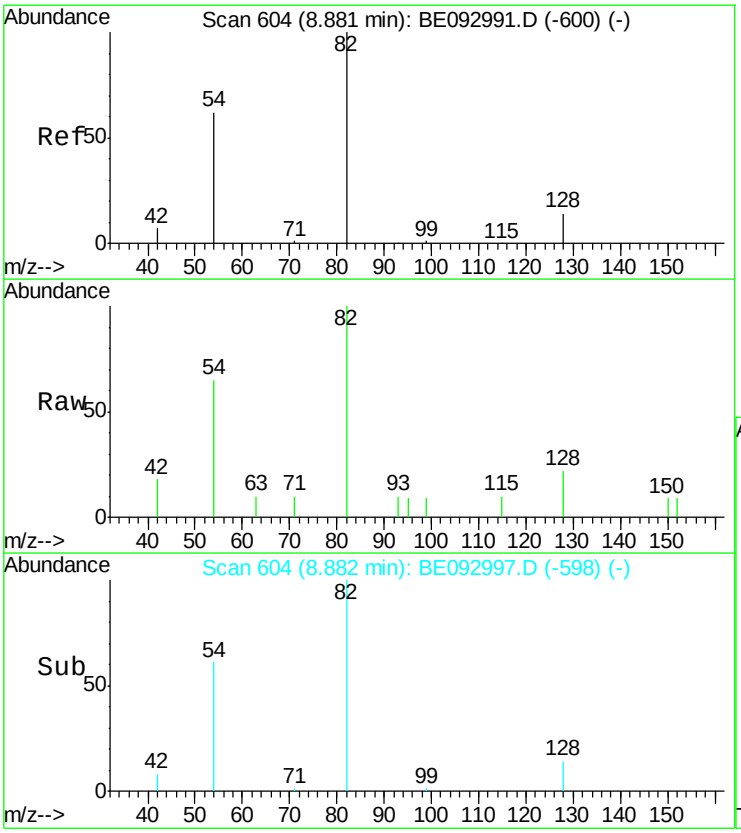
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 3465

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.8	14.8
54	11.5	10.3	15.5
68	10.2	9.0	13.4

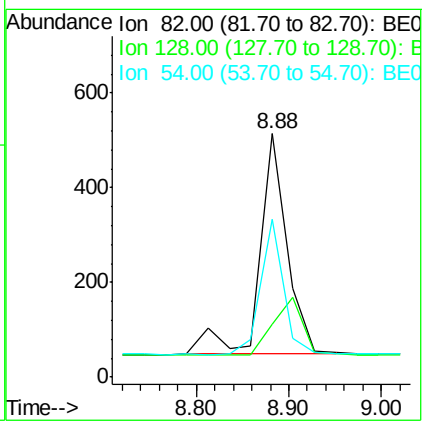


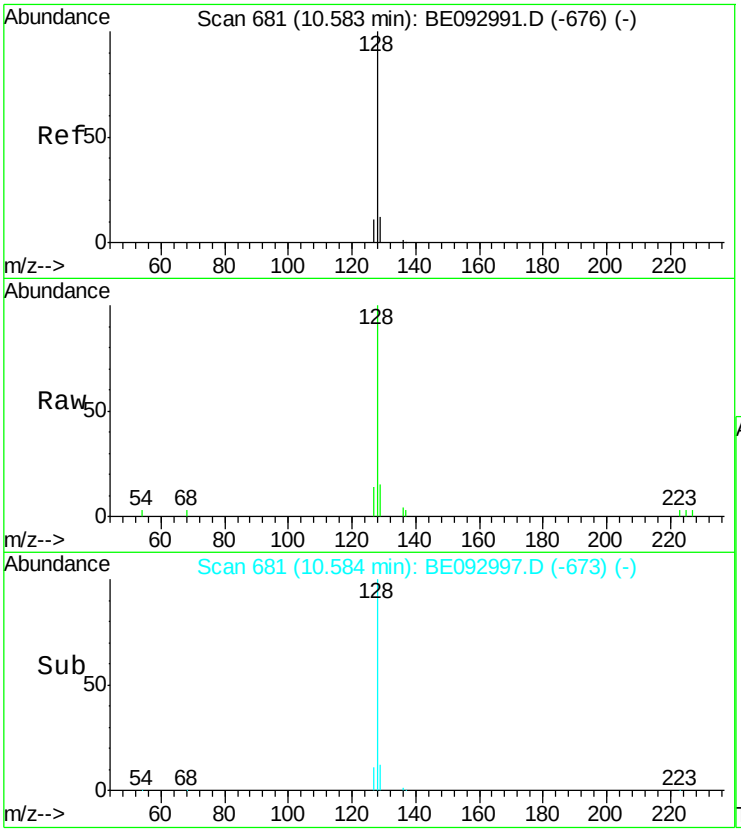


#8
Nitrobenzene-d5
Concen: 0.35 ng
RT: 8.88 min Scan# 604
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion: 82 Resp: 954

Ion	Ratio	Lower	Upper
82	100		
128	22.0	17.0	25.4
54	64.8	53.8	80.6



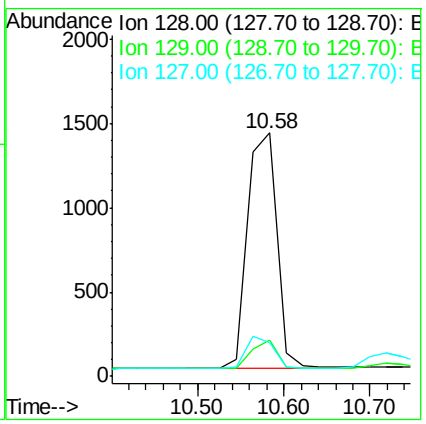


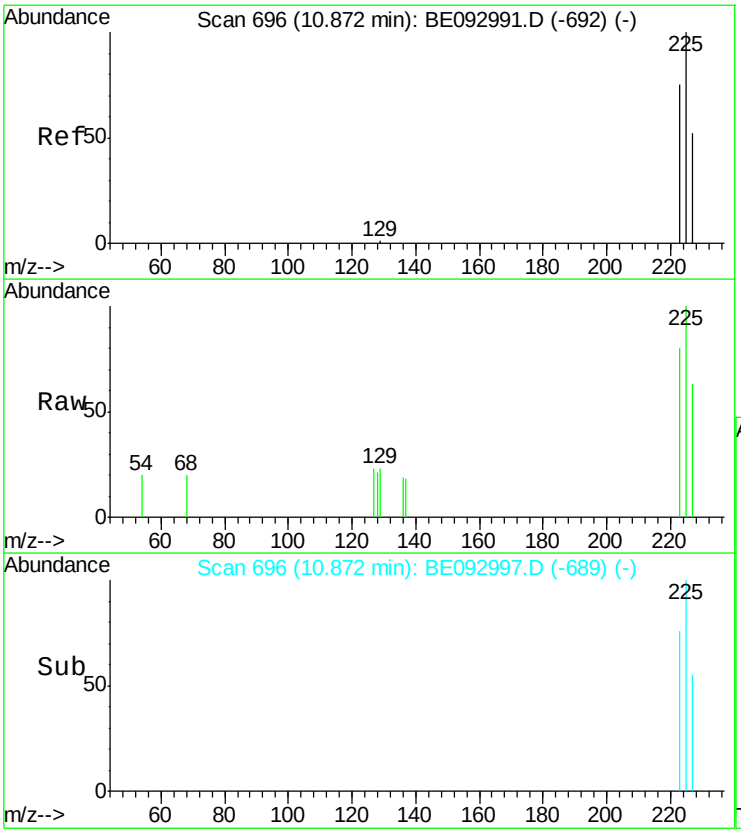
#9
Naphthalene
Concen: 0.36 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 3290

Ion	Ratio	Lower	Upper
128	100		
129	14.9	11.4	17.0
127	13.8	11.2	16.8

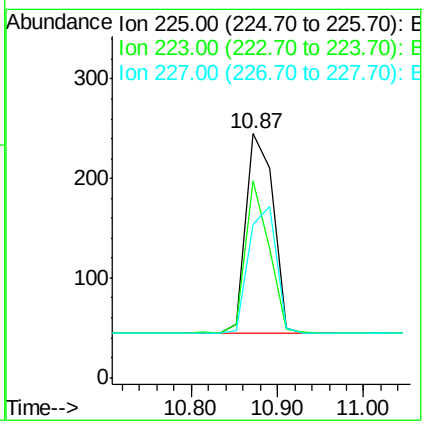


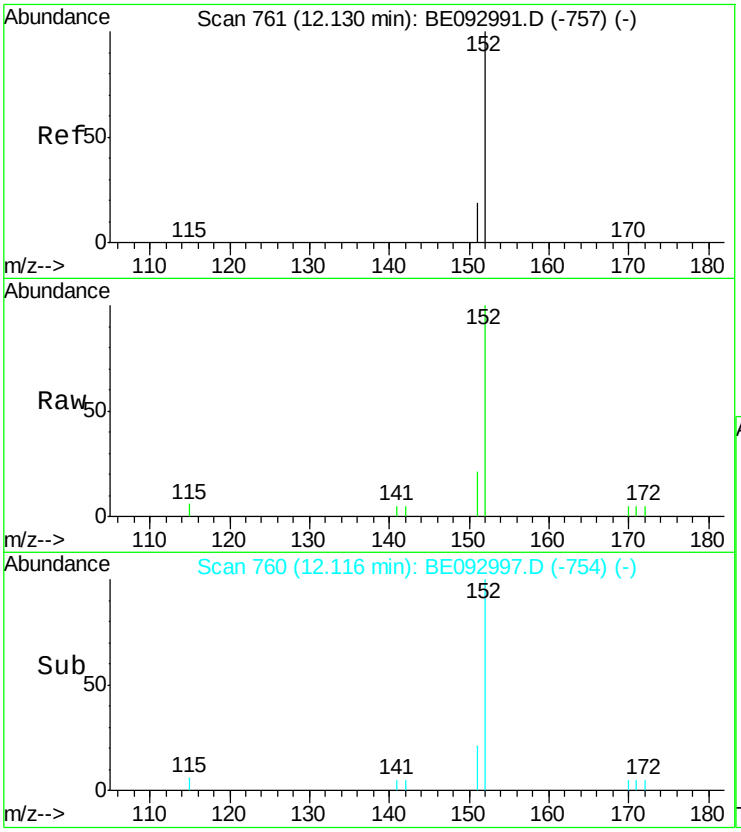


#10
Hexachlorobutadiene
Concen: 0.35 ng
RT: 10.87 min Scan# 696
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:225 Resp: 444

Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.7	74.5
227	64.4	50.3	75.5



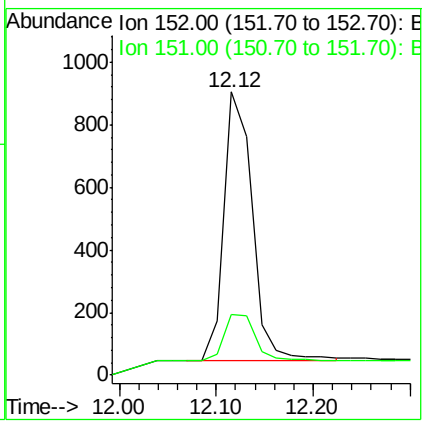


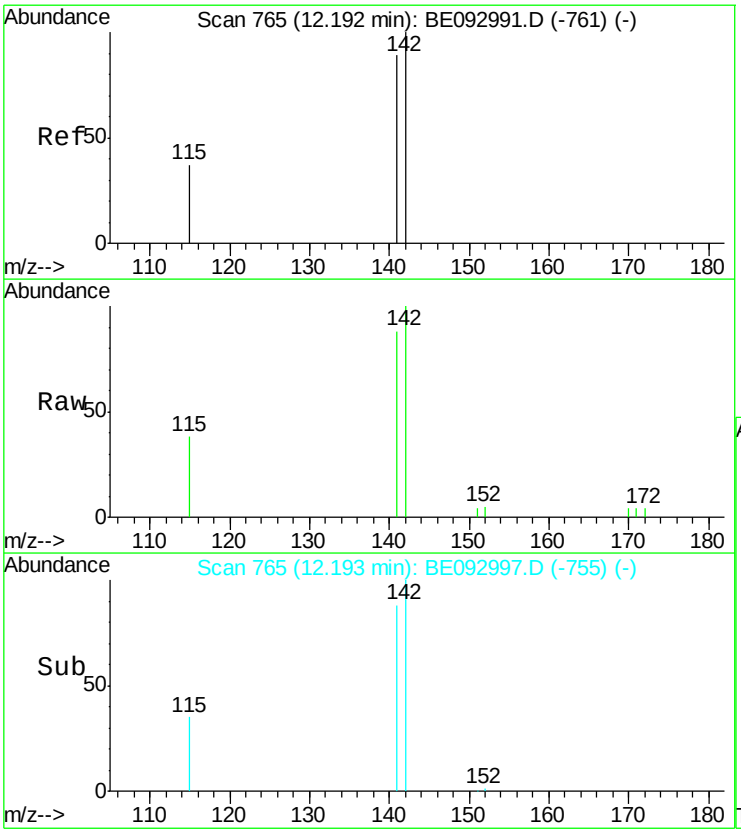
#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.12 min Scan# 760
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1767

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

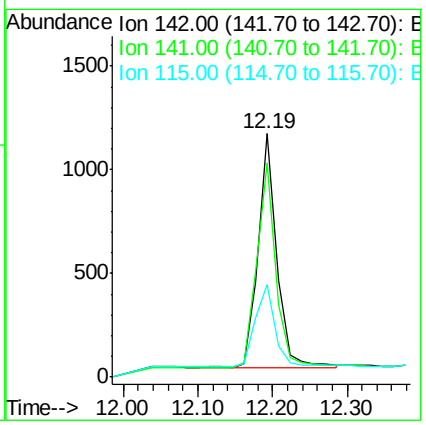


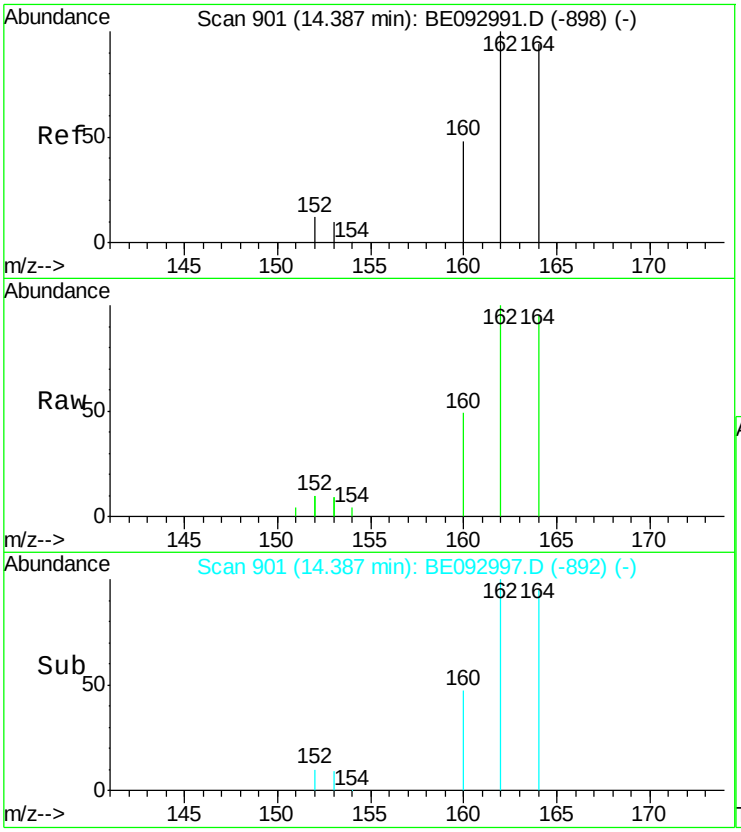


#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.19 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:142 Resp: 1955

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.6	108.8
115	37.8	32.2	48.2



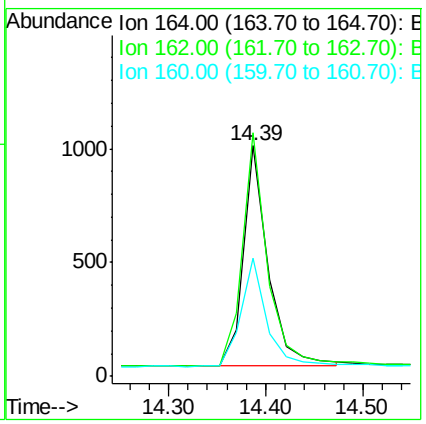


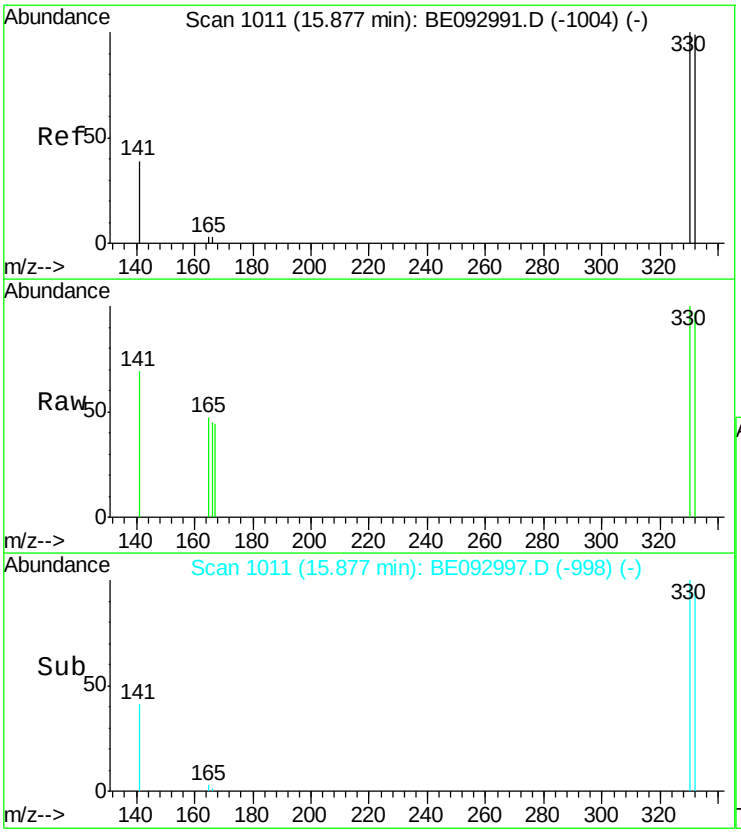
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1713

Ion	Ratio	Lower	Upper
164	100		
162	105.5	84.6	127.0
160	51.5	41.8	62.6

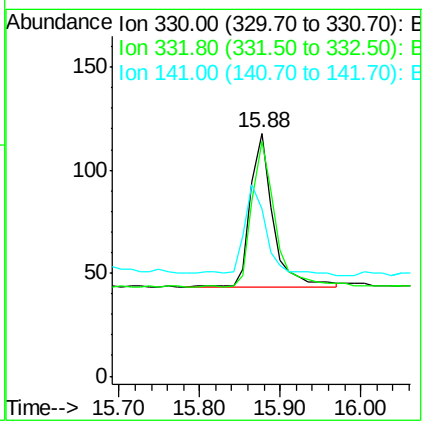


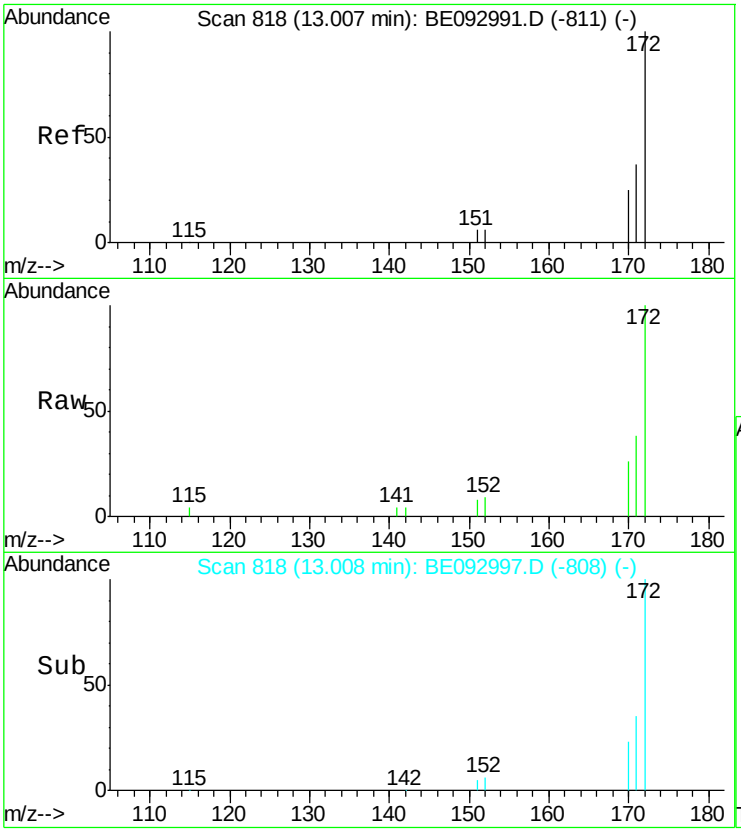


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.88 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:330 Resp: 150

Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.7	116.5
141	58.7	56.2	84.4



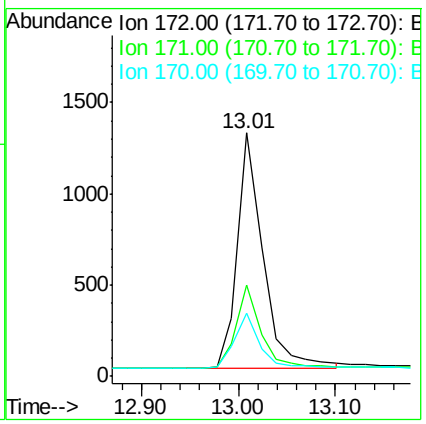


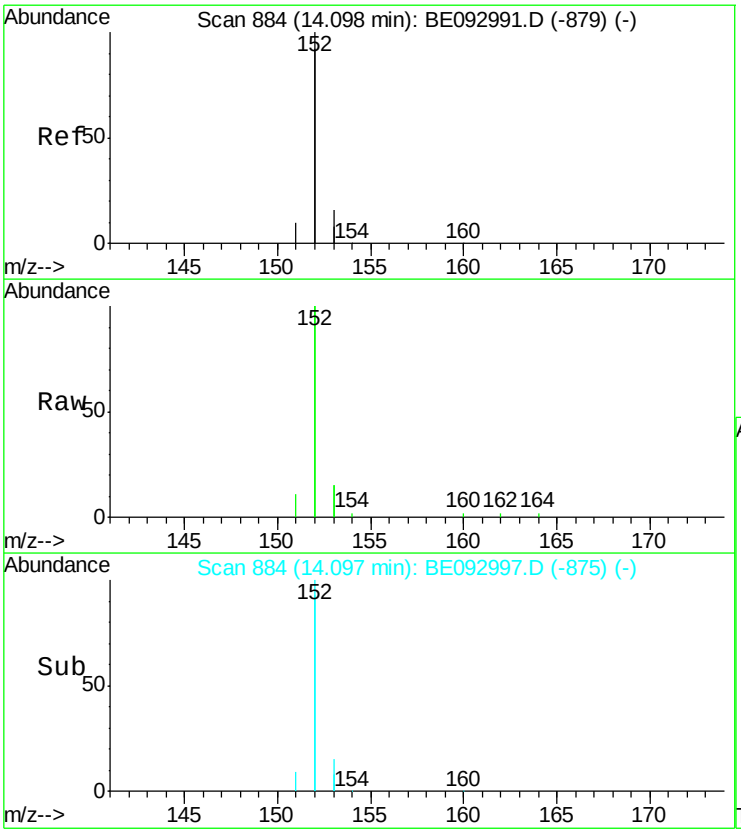
#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2379

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.0	20.7	31.1

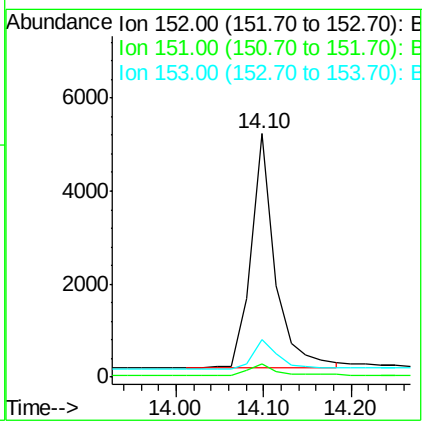


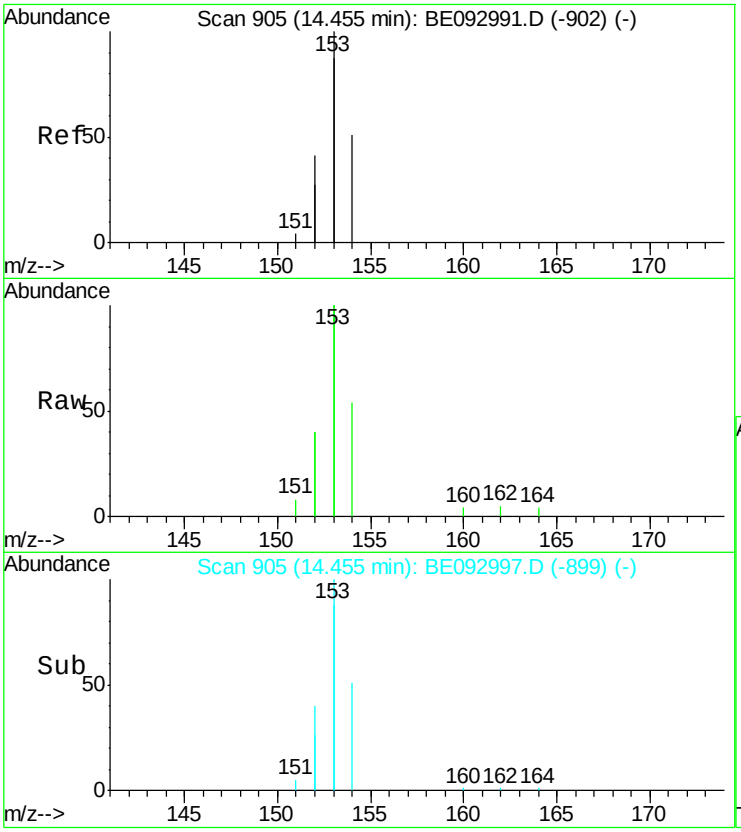


#16
Acenaphthylene
Concen: 0.34 ng
RT: 14.10 min Scan# 884
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:152 Resp: 9774

Ion	Ratio	Lower	Upper
152	100		
151	4.9	4.0	6.0
153	12.8	10.3	15.5



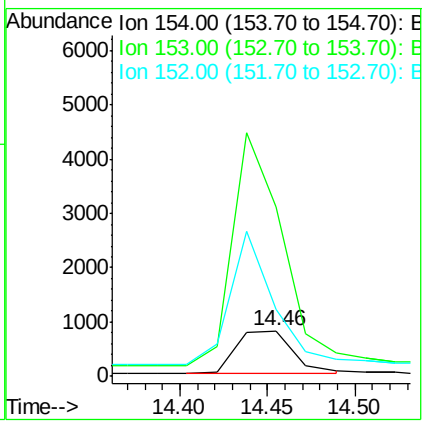


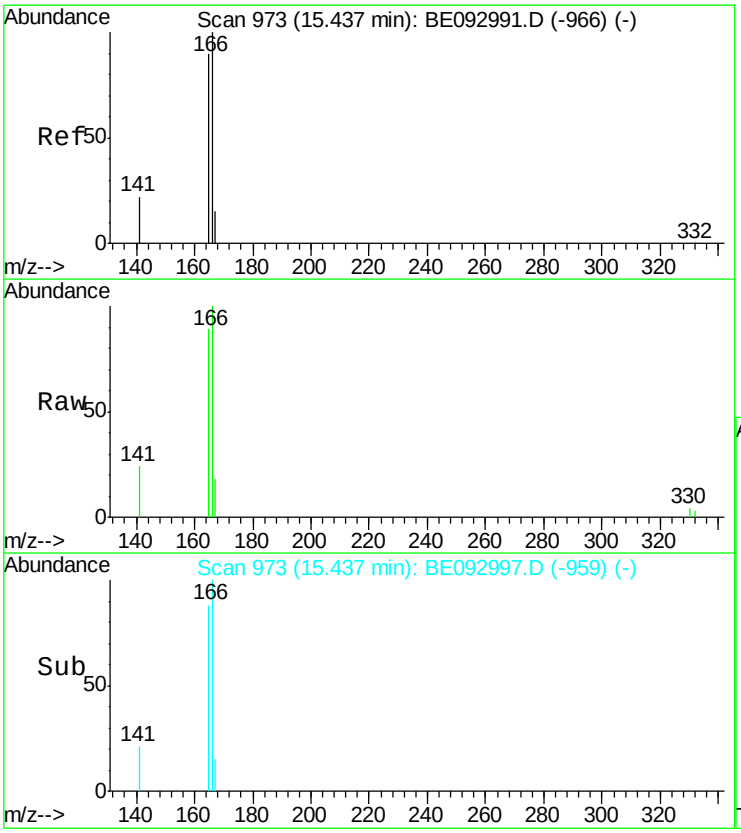
#17
Acenaphthene
Concen: 0.35 ng
RT: 14.46 min Scan# 905
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1855

Ion	Ratio	Lower	Upper
154	100		
153	464.1	367.8	551.6
152	231.5	188.2	282.2

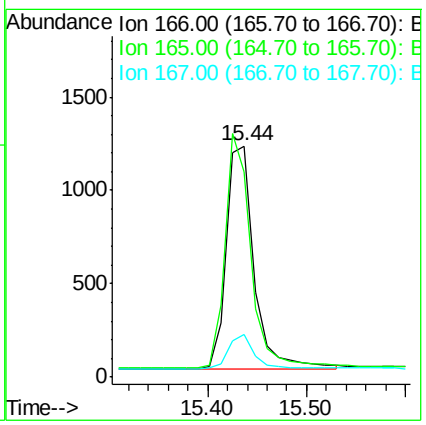


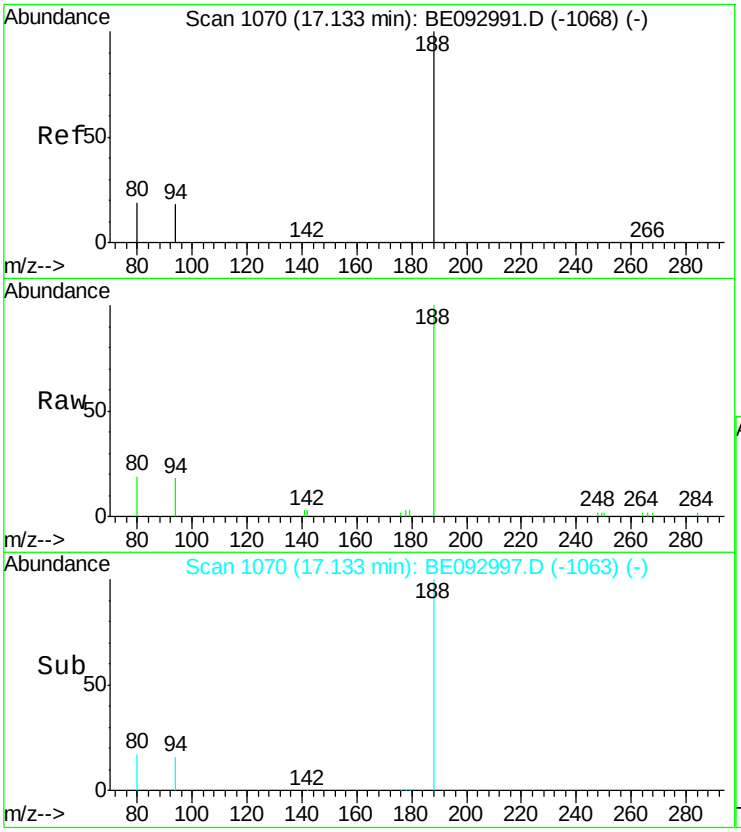


#18
Fluorene
Concen: 0.35 ng
RT: 15.44 min Scan# 973
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:166 Resp: 2318

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	14.2	11.1	16.7



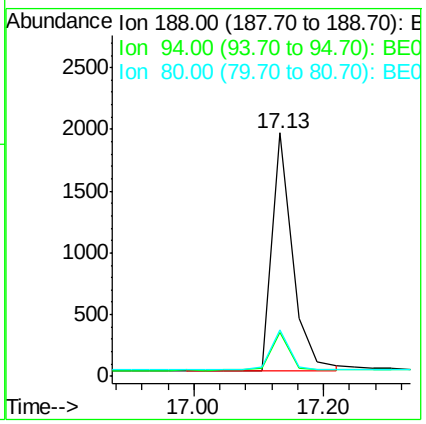


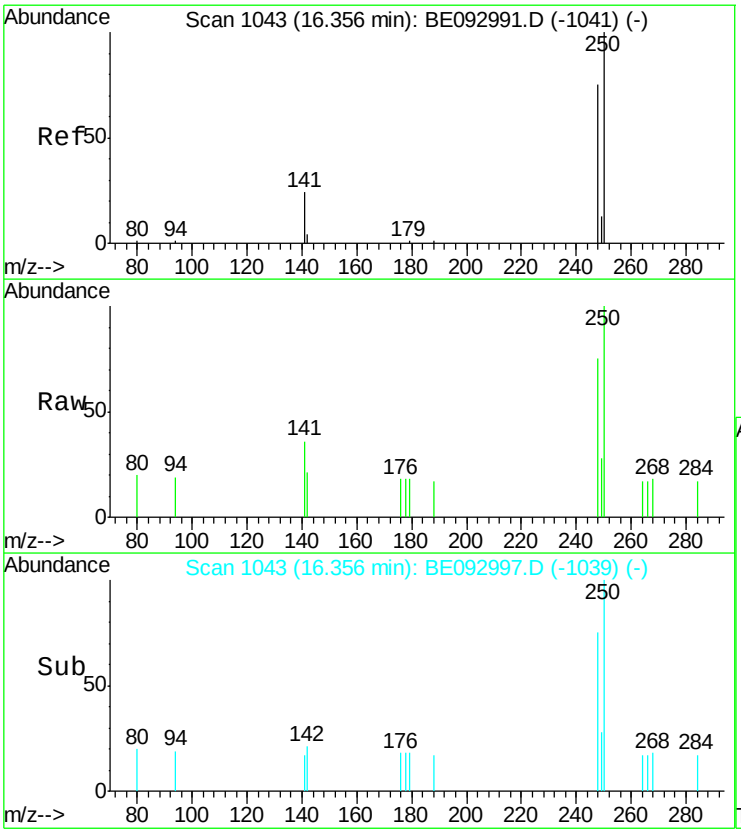
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1070
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 4267

Ion	Ratio	Lower	Upper
188	100		
94	18.1	11.3	16.9#
80	19.3	11.7	17.5#

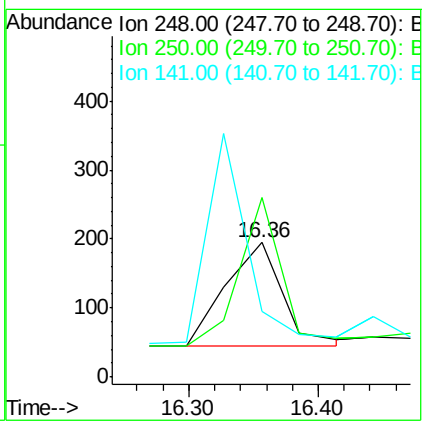


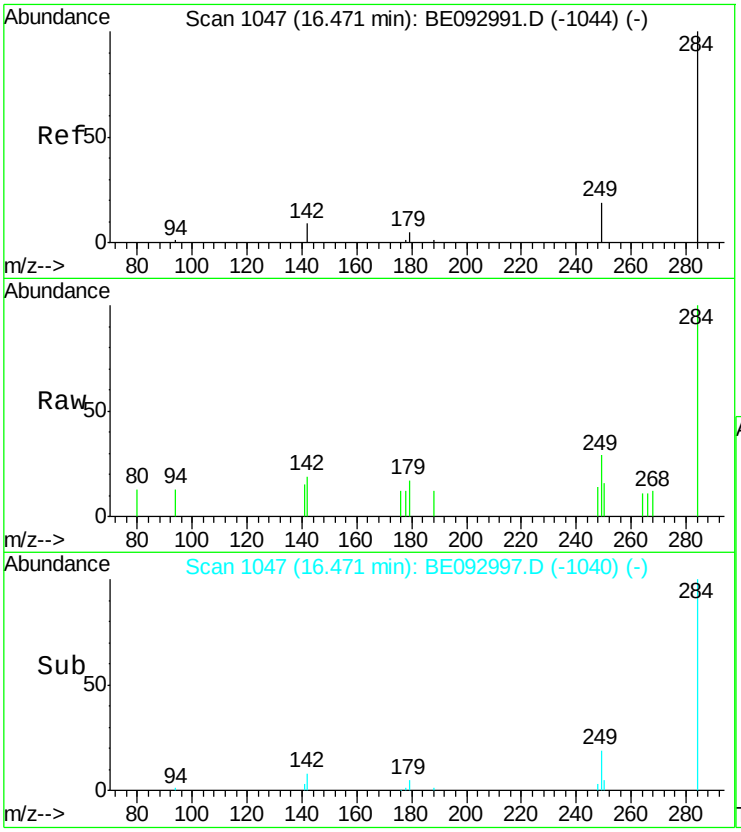


#20
4-Bromophenyl-phenylether
Concen: 0.34 ng
RT: 16.36 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:248 Resp: 459

Ion	Ratio	Lower	Upper
248	100		
250	133.3	100.0	150.0
141	48.2	40.0	60.0



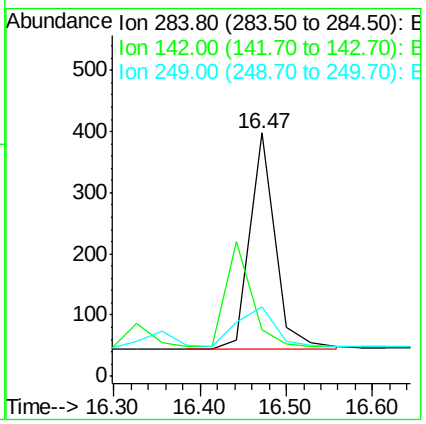


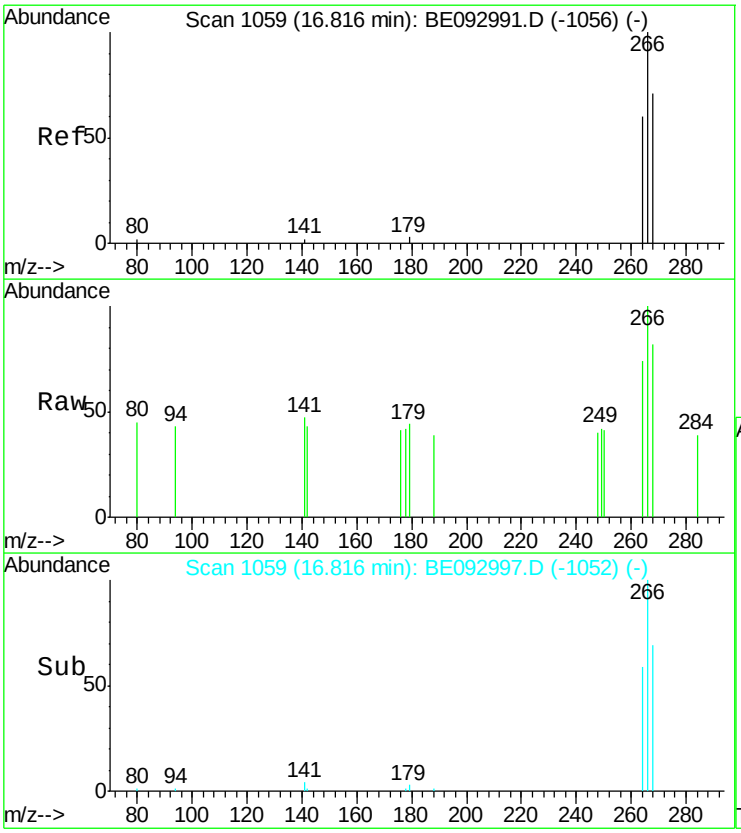
#21
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.47 min Scan# 1047
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 718

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	28.6	0.0	0.0#

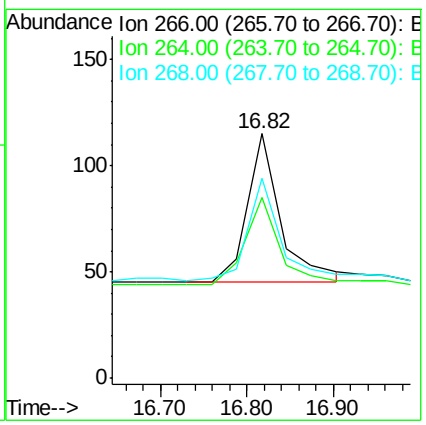


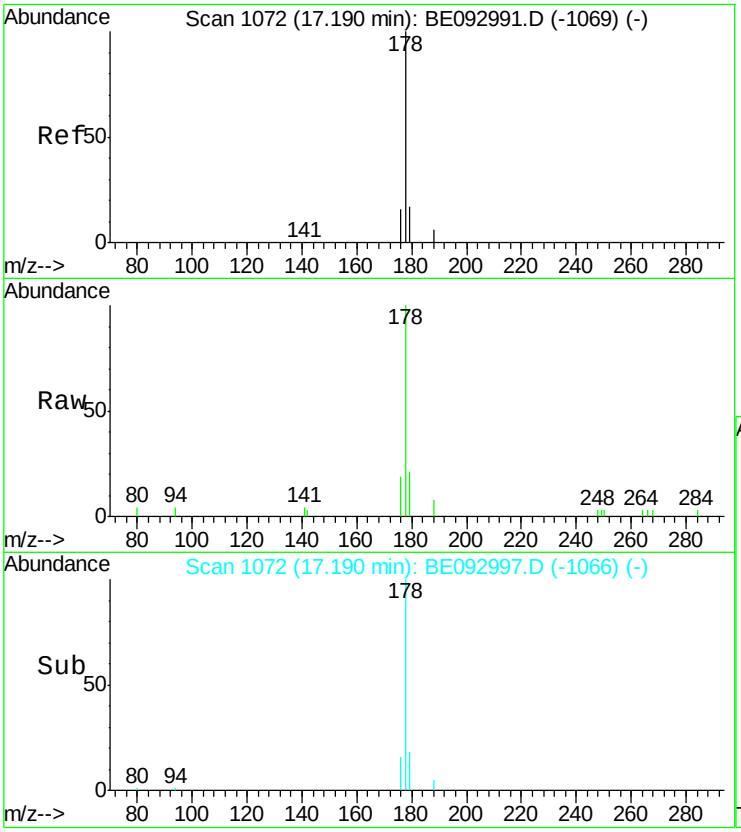


#22
Pentachlorophenol
Concen: 0.43 ng
RT: 16.82 min Scan# 1059
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:266 Resp: 190

Ion	Ratio	Lower	Upper
266	100		
264	73.9	58.2	87.2
268	81.7	71.9	107.9



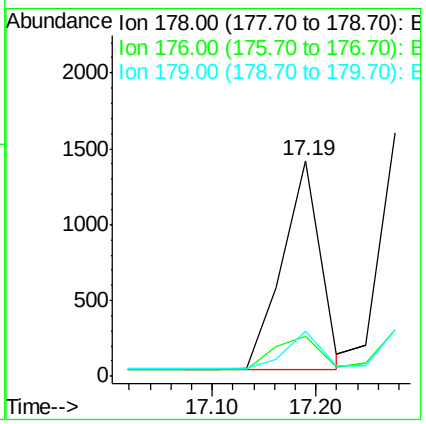


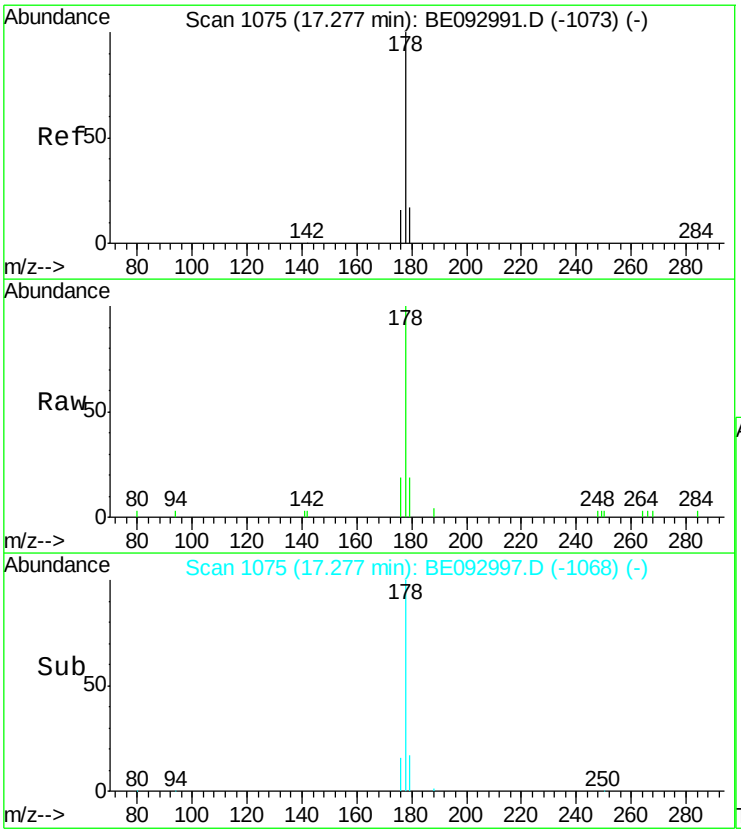
#23
Phenanthrene
Concen: 0.35 ng
RT: 17.19 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 3483

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	16.4	12.7	19.1

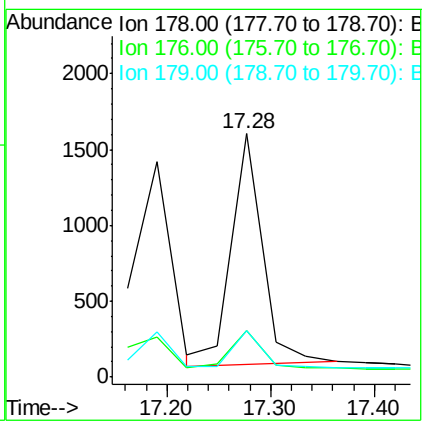


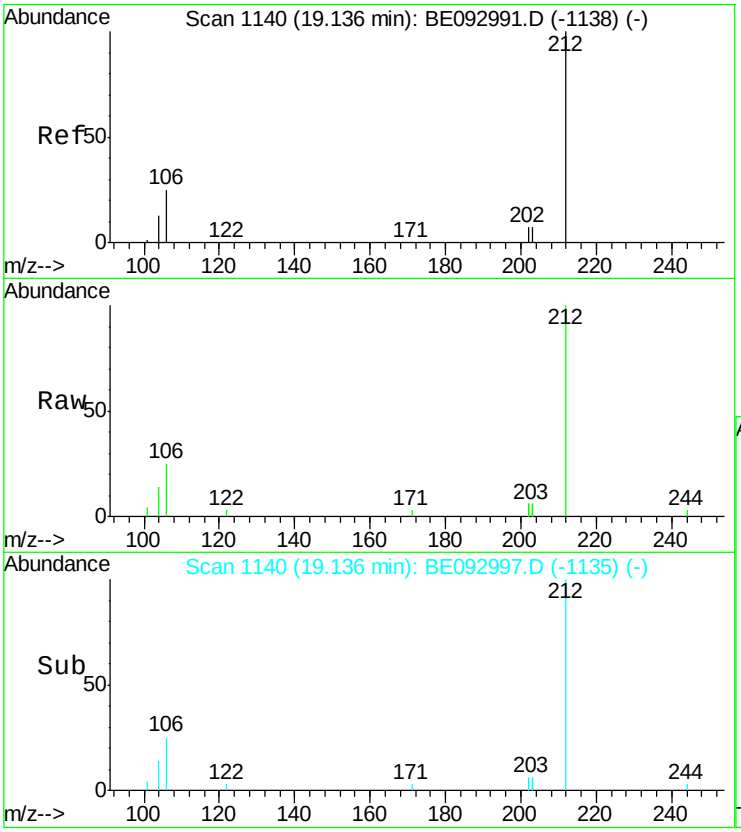


#24
Anthracene
Concen: 0.36 ng
RT: 17.28 min Scan# 1075
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:178 Resp: 3188

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.6	22.0
179	15.1	12.0	18.0



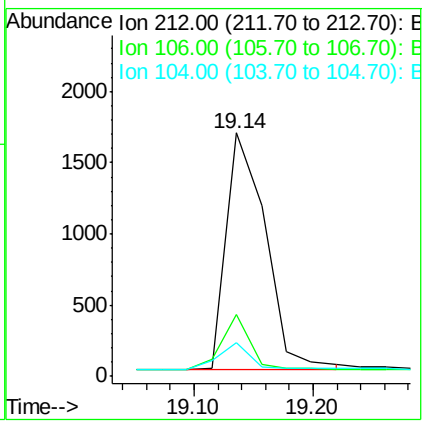


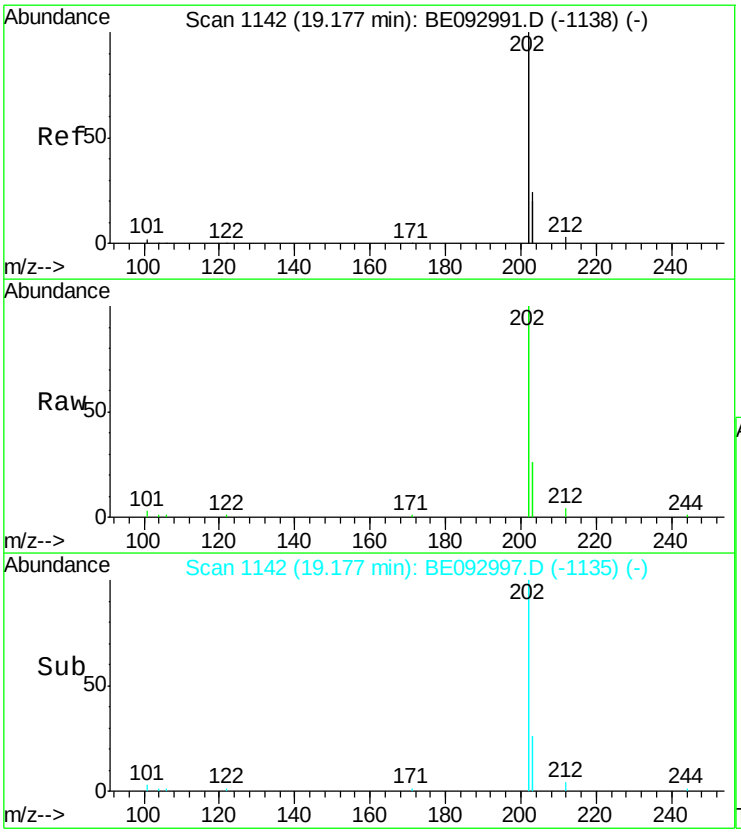
#25
Fluoranthene-d10
Concen: 0.34 ng
RT: 19.14 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 3823

Ion	Ratio	Lower	Upper
212	100		
106	17.1	0.0	0.0#
104	9.3	0.0	0.0#

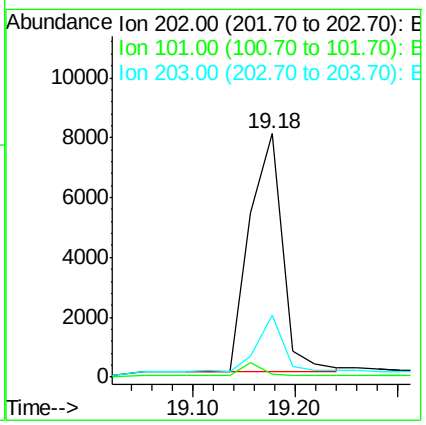


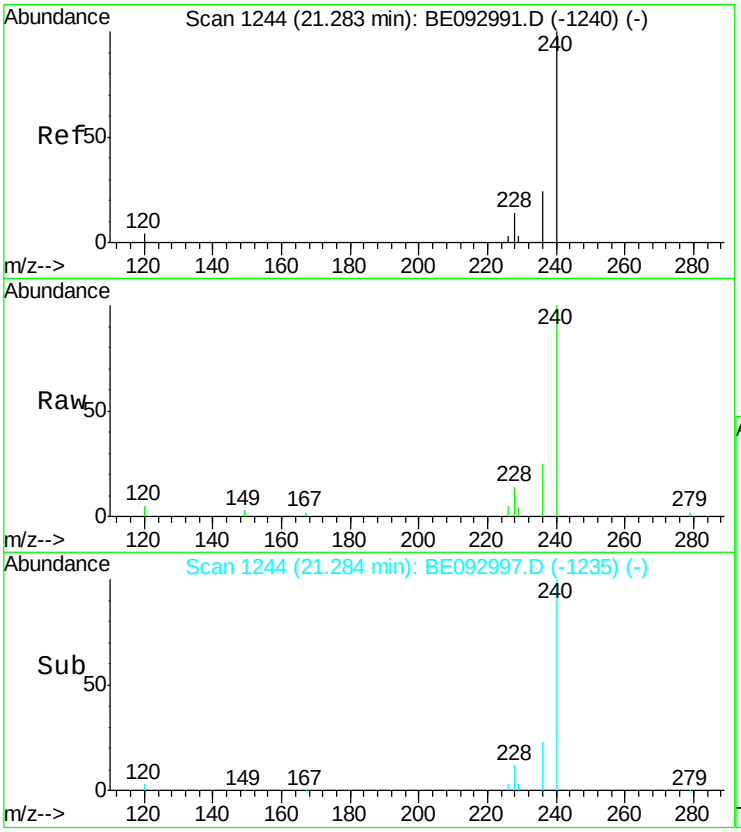


#26
Fluoranthene
Concen: 0.33 ng
RT: 19.18 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:202 Resp: 18095

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.7	14.4	21.6



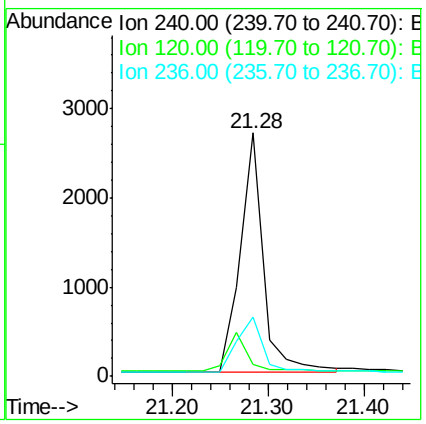


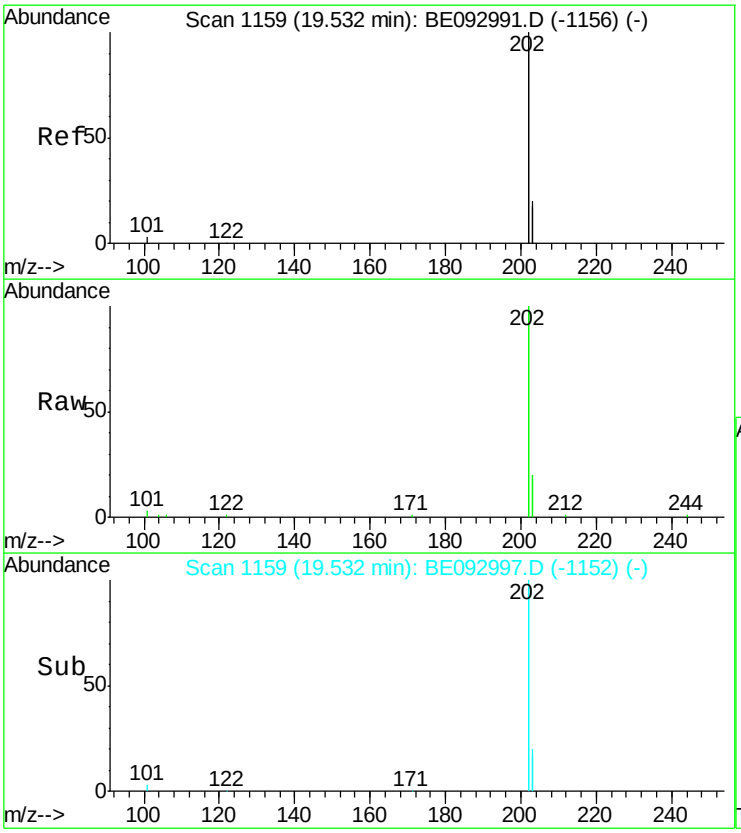
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1244
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 4523

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	7.0
236	24.5	20.8	31.2

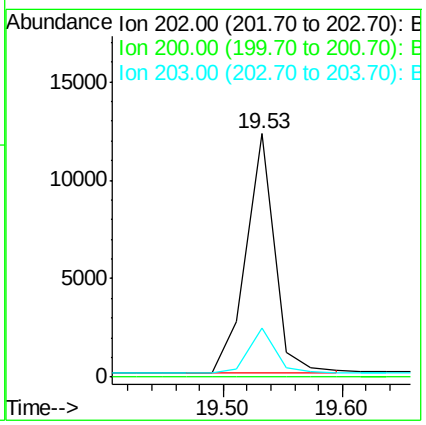


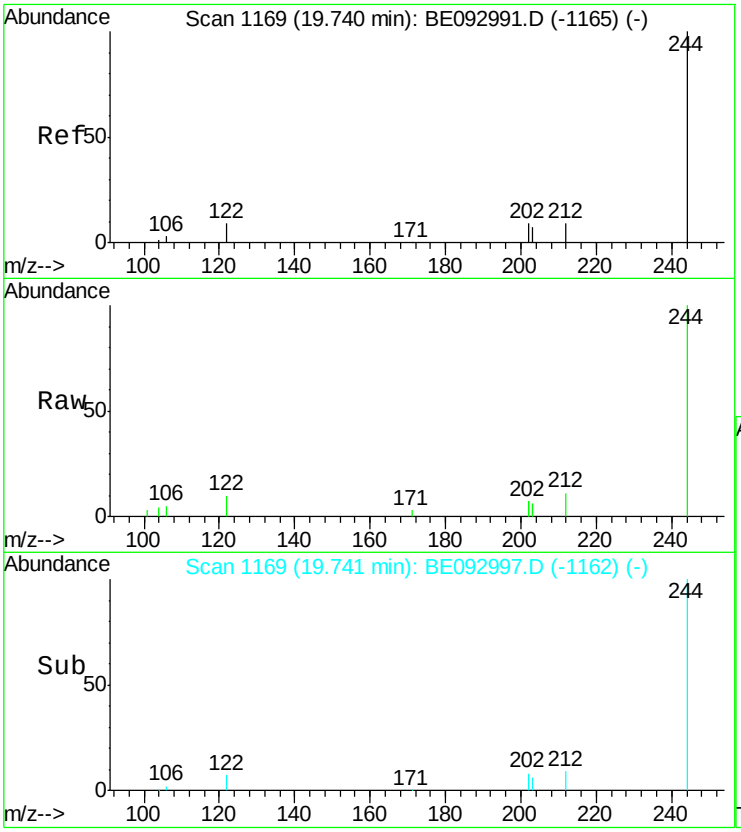


#28
Pyrene
Concen: 0.36 ng
RT: 19.53 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:202 Resp: 20337

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.6	13.7	20.5



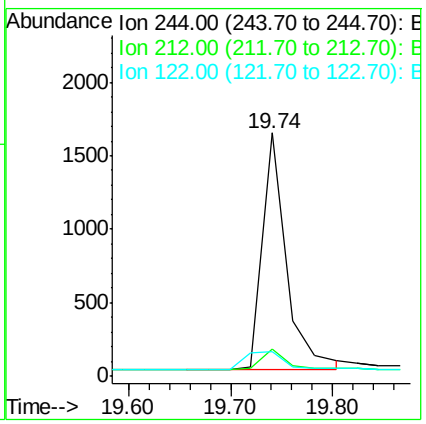


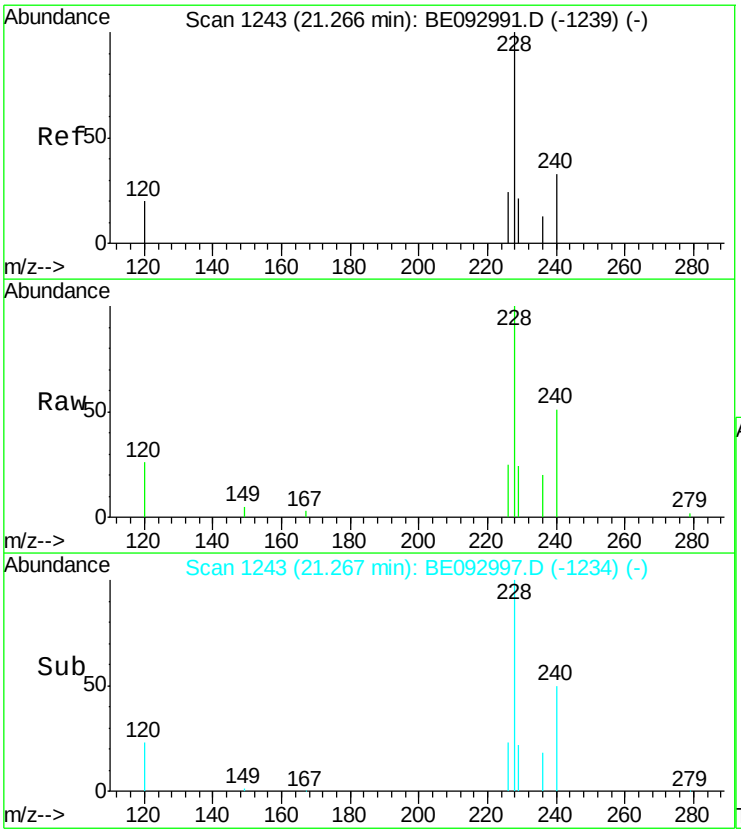
#29
Terphenyl-d14
Concen: 0.33 ng
RT: 19.74 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 2666

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.6	16.0
122	10.0	15.4	23.0#

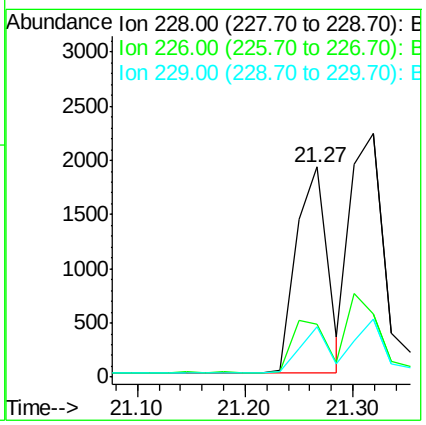


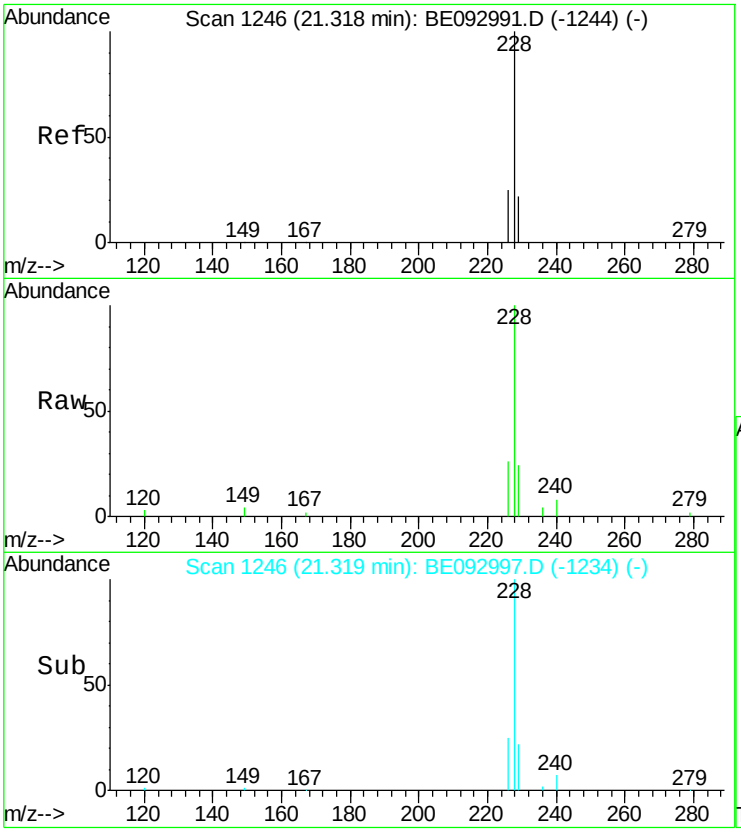


#30
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.27 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:228 Resp: 3794

Ion	Ratio	Lower	Upper
228	100		
226	25.2	19.7	29.5
229	23.8	19.2	28.8



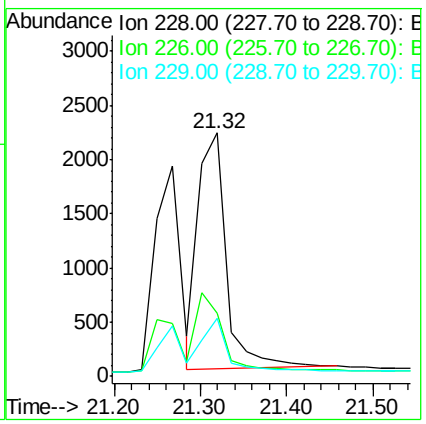


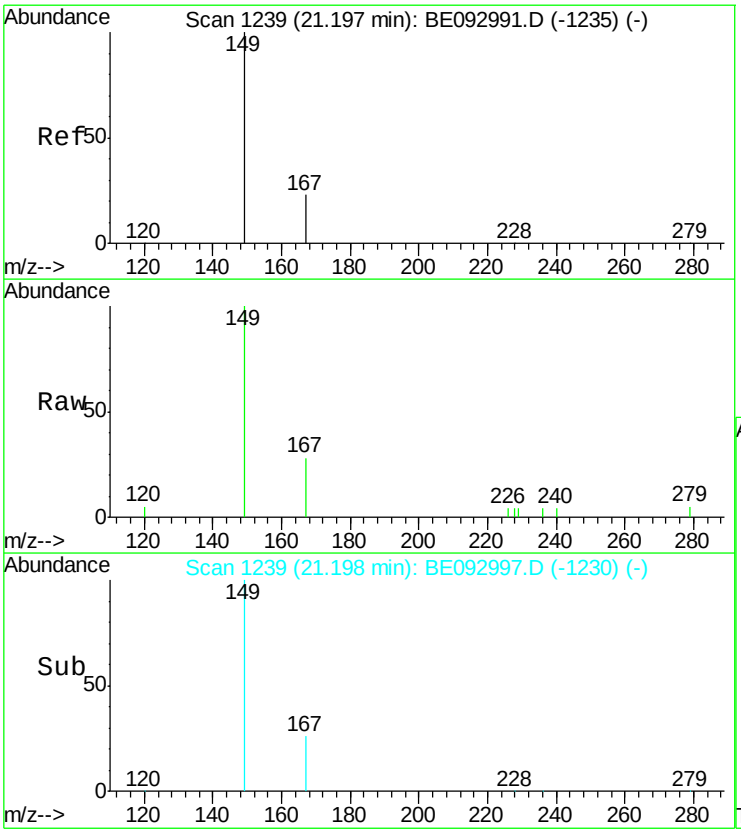
#31
Chrysene
Concen: 0.36 ng
RT: 21.32 min Scan# 1246
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 4981

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.5	32.3
229	23.9	18.6	28.0

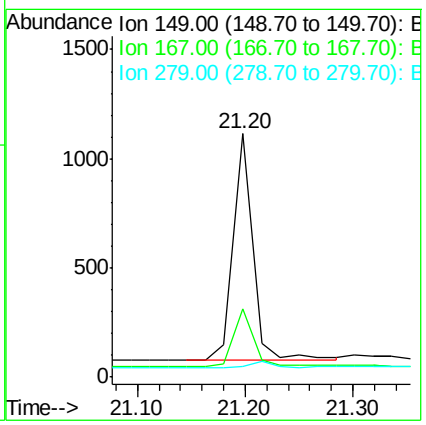


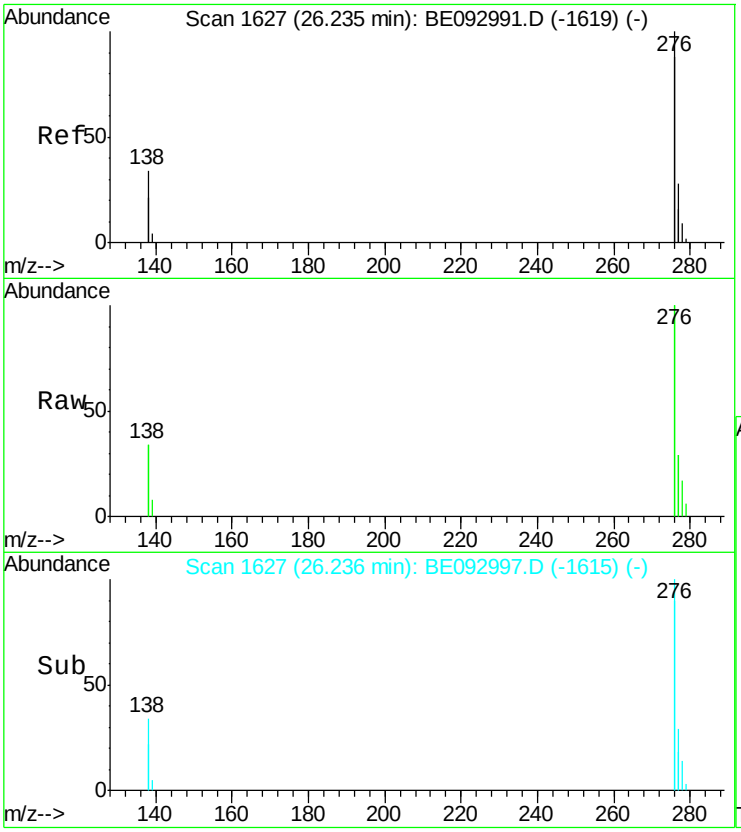


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.20 min Scan# 1239
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:149 Resp: 1298

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.1	30.1
279	2.4	2.2	3.4



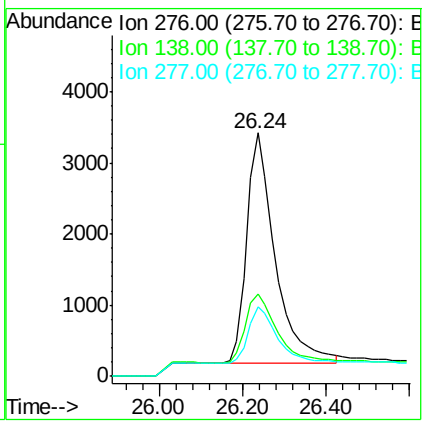


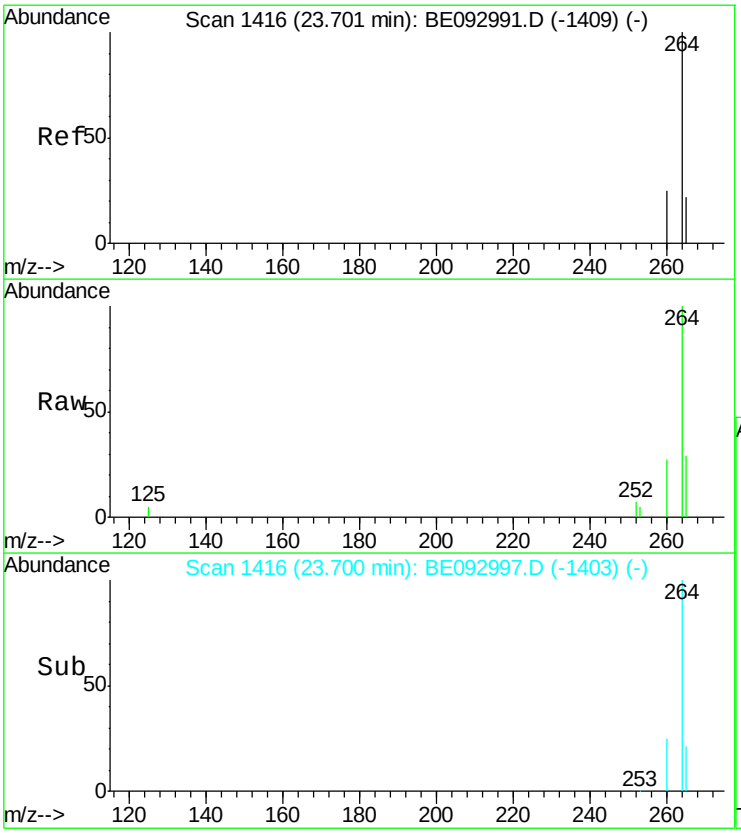
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 26.24 min Scan# 1627
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 15589

Ion	Ratio	Lower	Upper
276	100		
138	32.8	27.4	41.2
277	25.1	20.1	30.1

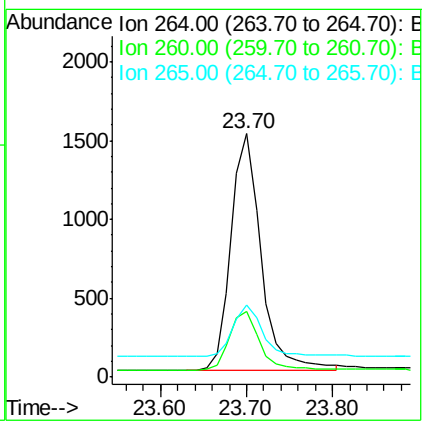


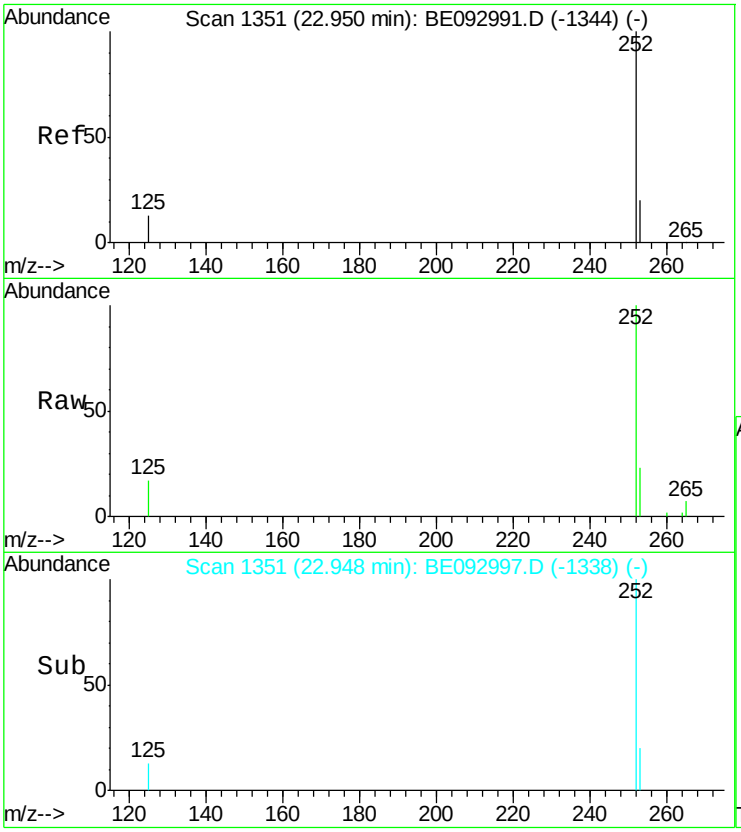


#34
Perylene-d12
Concen: 0.40 ng
RT: 23.70 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:264 Resp: 3624

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.0	31.4
265	29.4	24.6	36.8



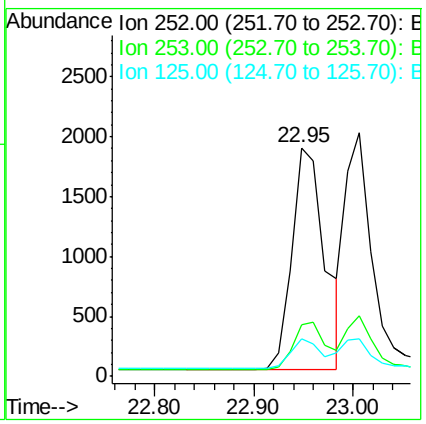


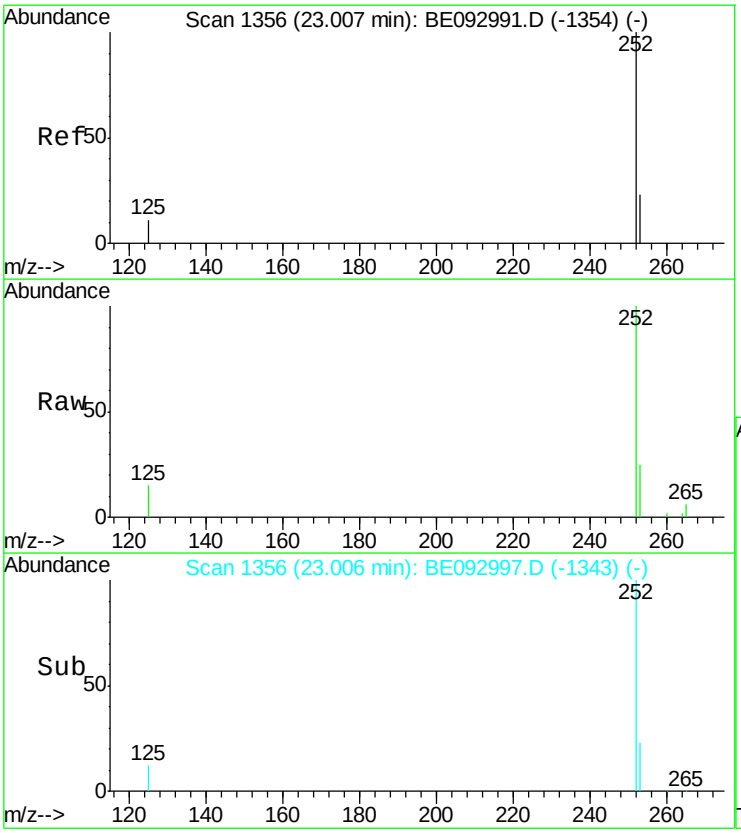
#35
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.95 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 4290

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	16.5	13.4	20.0

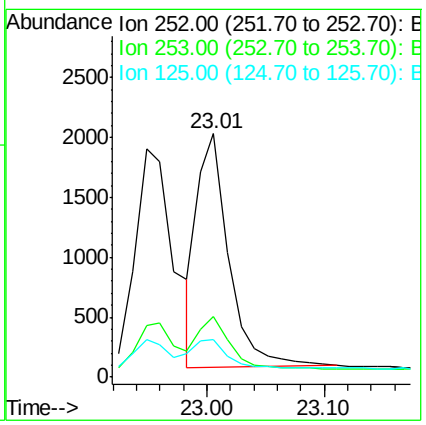


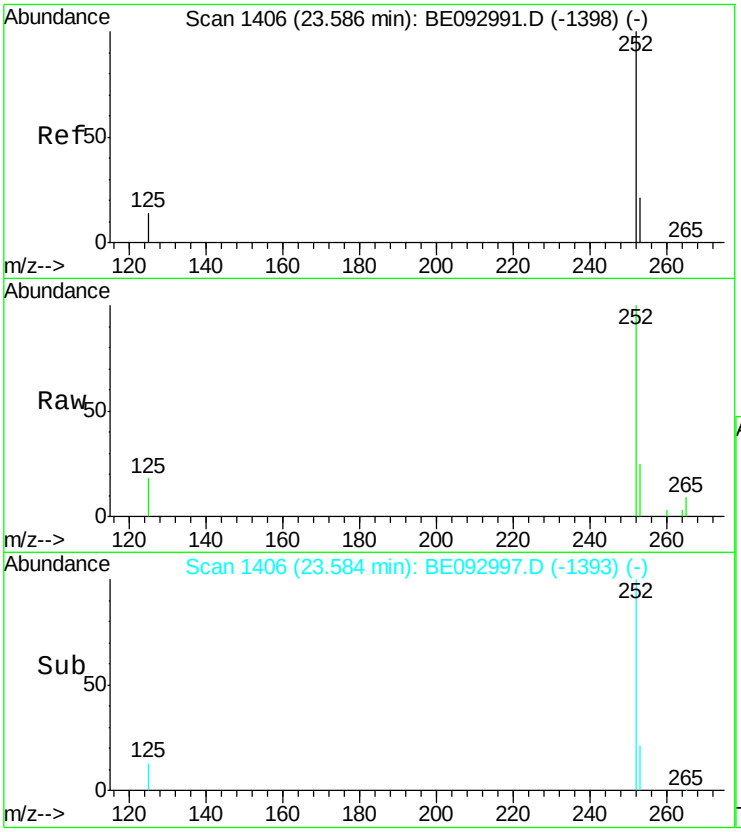


#36
Benzo(k)fluoranthene
Concen: 0.31 ng
RT: 23.01 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:252 Resp: 3656

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.3	30.5
125	15.2	12.2	18.4



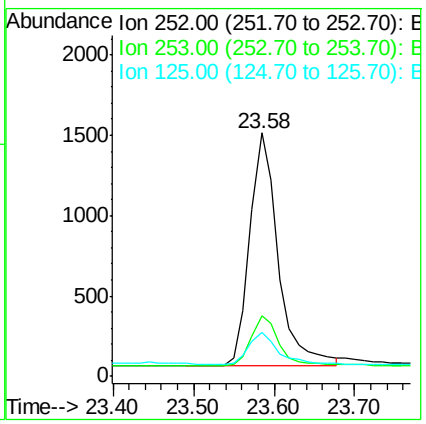


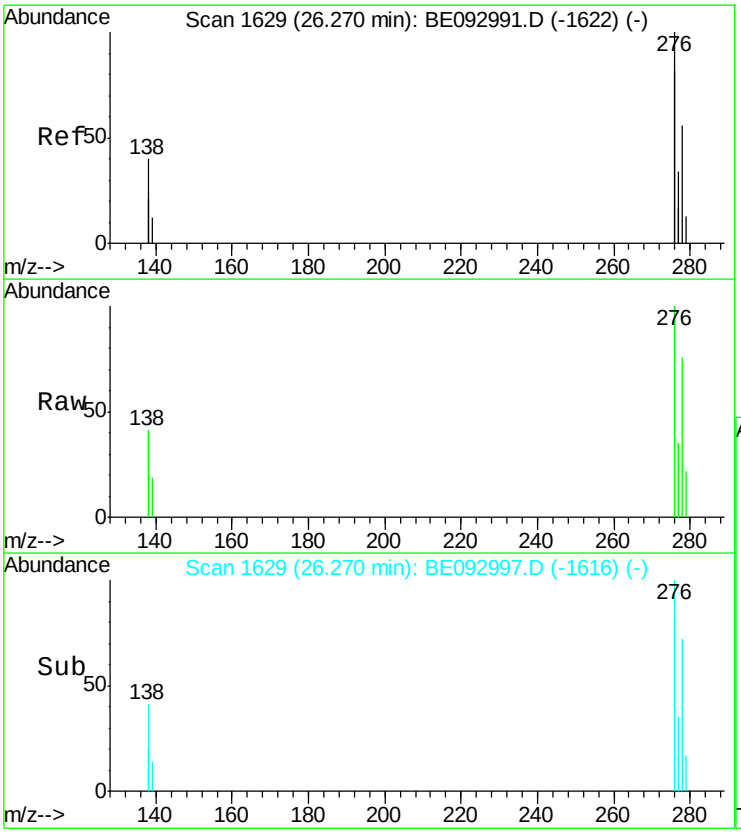
#37
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.58 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 3581

Ion	Ratio	Lower	Upper
252	100		
253	24.8	19.9	29.9
125	18.3	14.6	21.8

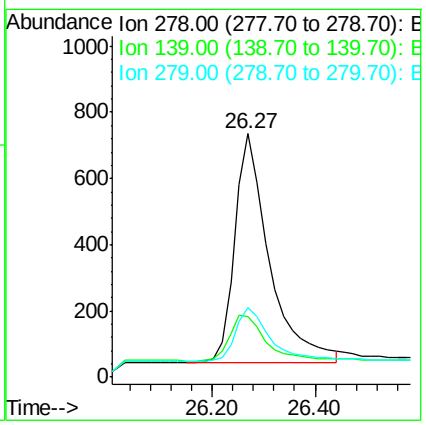


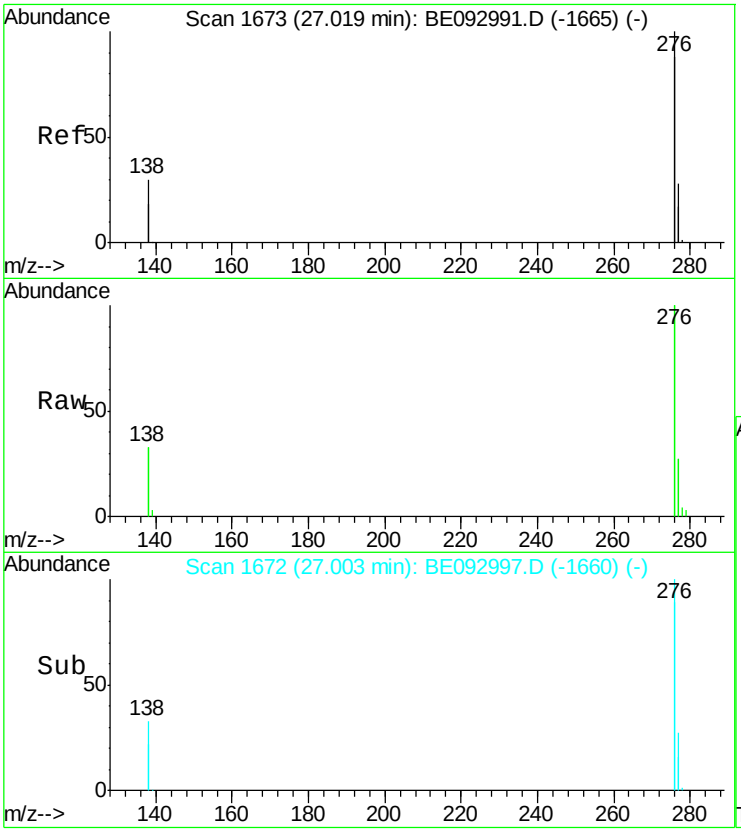


#38
Dibenzo(a,h)anthracene
Concen: 0.35 ng
RT: 26.27 min Scan# 1629
Delta R.T. 0.02 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Tgt Ion:278 Resp: 3212

Ion	Ratio	Lower	Upper
278	100		
139	25.1	21.4	32.0
279	28.8	22.2	33.2





#39
Benzo(g,h,i)perylene
Concen: 0.35 ng
RT: 27.00 min Scan# 1672
Delta R.T. 0.00 min
Lab File: BE092997.D
Acq: 11 May 2017 15:42

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 14514

Ion	Ratio	Lower	Upper
276	100		
277	26.6	21.2	31.8
138	32.9	24.5	36.7