Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042117\
Data File : BE092906.D
Acq On : 21 Apr 2017 12:55
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 22 05:51:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	645	0.40	ng		0.00
7) Naphthalene-d8	10.53	136	2657	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	1194	0.40	ng		0.00
19) Phenanthrene-d10	17.13	188	3028	0.40	ng		0.00
26) Chrysene-d12	21.28	240	3026	0.40	ng		0.00
33) Perylene-d12	23.69	264	2291	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	534	0.38	ng		0.00
5) Phenol-d6	6.95	99	741	0.38	ng		0.00
8) Nitrobenzene-d5	8.90	82	677	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.13	152	1471	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	65	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	2122	0.39	ng		0.00
24) Fluoranthene-d10	19.15	212	2735	0.38	ng		0.00
28) Terphenyl-d14	19.74	244	1951	0.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	461	0.37	ng		98
3) n-Nitrosodimethylamine	3.61	42	346	0.37	ng	#	84
6) bis(2-Chloroethyl)ether	7.20	93	886	0.37	ng		99
9) Naphthalene	10.58	128	2685	0.38	ng	#	87
10) Hexachlorobutadiene	10.89	225	370	0.38	ng		97
12) 2-Methylnaphthalene	12.19	142	1613	0.37	ng		95
16) Acenaphthylene	14.10	152	6764	0.35	ng		98
17) Acenaphthene	14.45	154	1412	0.37	ng		94
18) Fluorene	15.44	166	1712	0.37	ng		98
20) Hexachlorobenzene	16.47	284	496	0.37	ng	#	100
21) Pentachlorophenol	16.79	266	94	0.44	ng		86
22) Phenanthrene	17.18	178	3277	0.37	ng		98
23) Anthracene	17.27	178	2383	0.36	ng		99
25) Fluoranthene	19.17	202	13978	0.37	ng	#	98
27) Pyrene	19.53	202	14442	0.37	ng	#	100
29) Benzo(a)anthracene	21.27	228	2556	0.36	ng	#	83
30) Chrysene	21.32	228	3463	0.38	ng	#	81
31) Bis(2-ethylhexyl)phthalate	21.20	149	714	0.39	ng	#	97
32) Indeno(1,2,3-cd)pyrene	26.22	276	11859	0.40	ng		100
34) Benzo(b)fluoranthene	22.95	252	2877	0.36	ng	#	85
35) Benzo(k)fluoranthene	23.00	252	2887	0.35	ng	#	82
36) Benzo(a)pyrene	23.59	252	2366	0.36	ng	#	78
37) Dibenzo(a,h)anthracene	26.25	278	2652	0.37	ng	#	79
38) Benzo(g,h,i)perylene	27.00	276	11360	0.36	ng	#	81

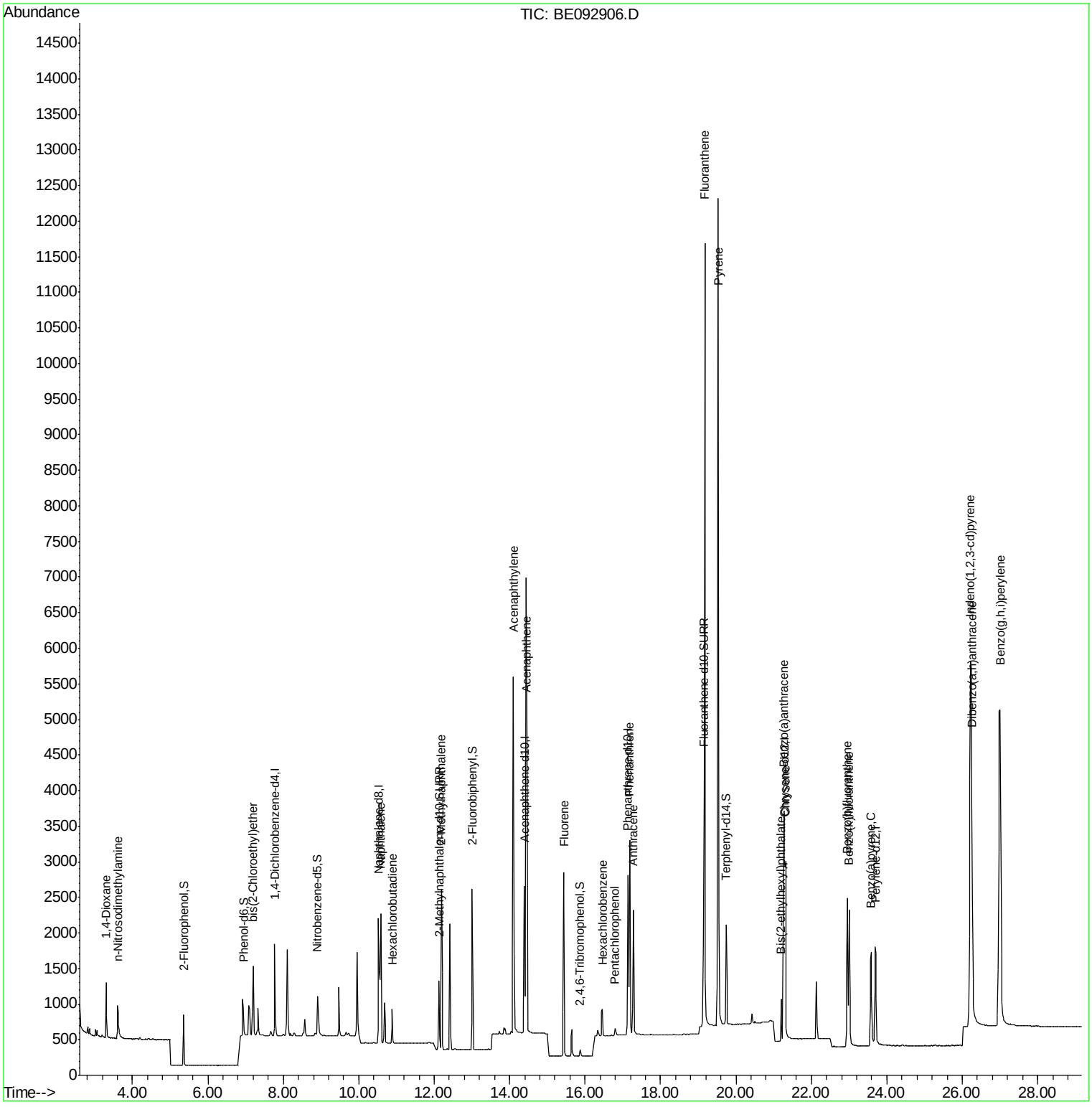
(#) = qualifier out of range (m) = manual integration (+) = signals summed

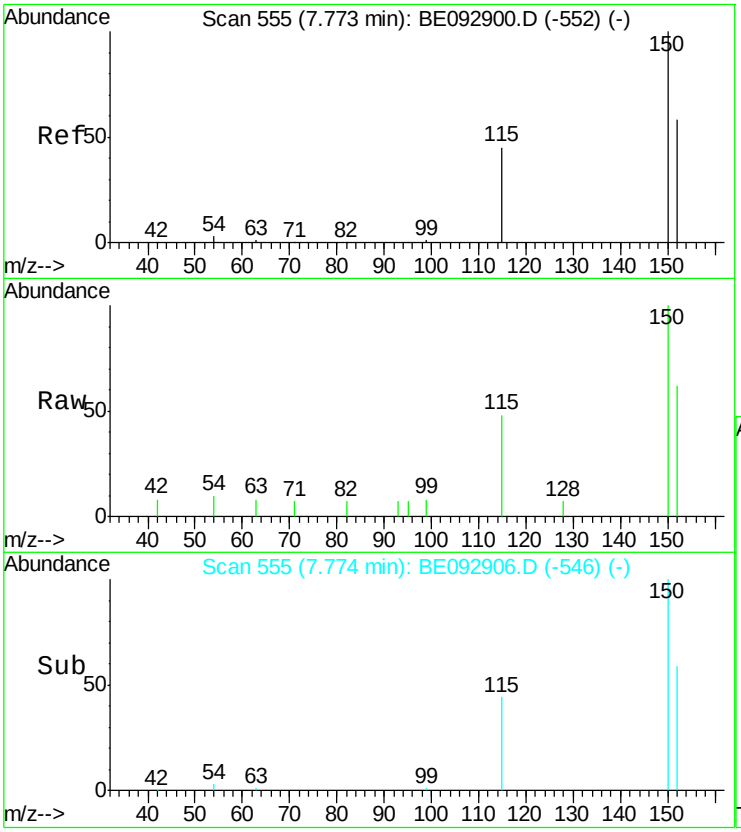
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE042117\
Data File : BE092906.D
Acq On : 21 Apr 2017 12:55
Operator : SJ/MA
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 22 05:51:08 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 20 17:35:10 2017
Response via : Initial Calibration



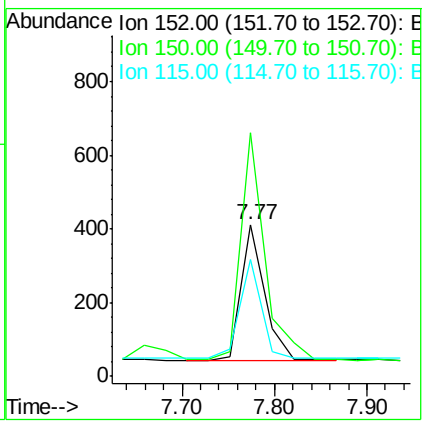


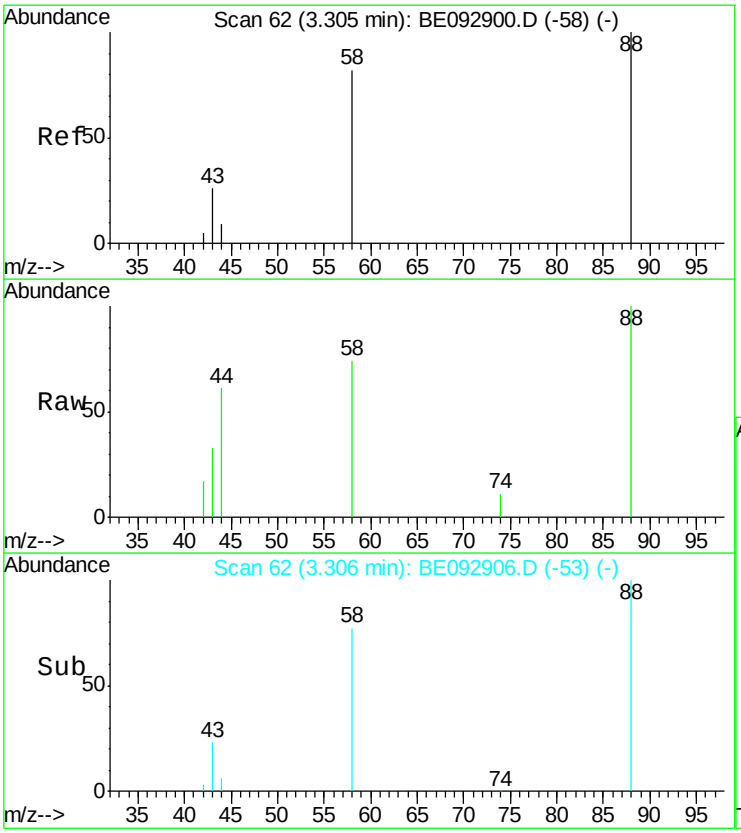
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 645

Ion	Ratio	Lower	Upper
152	100		
150	160.8	129.9	194.9
115	77.4	62.6	93.8

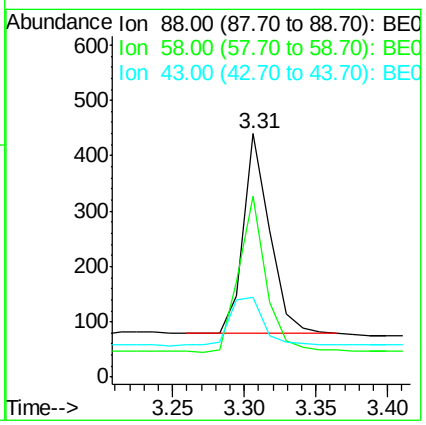


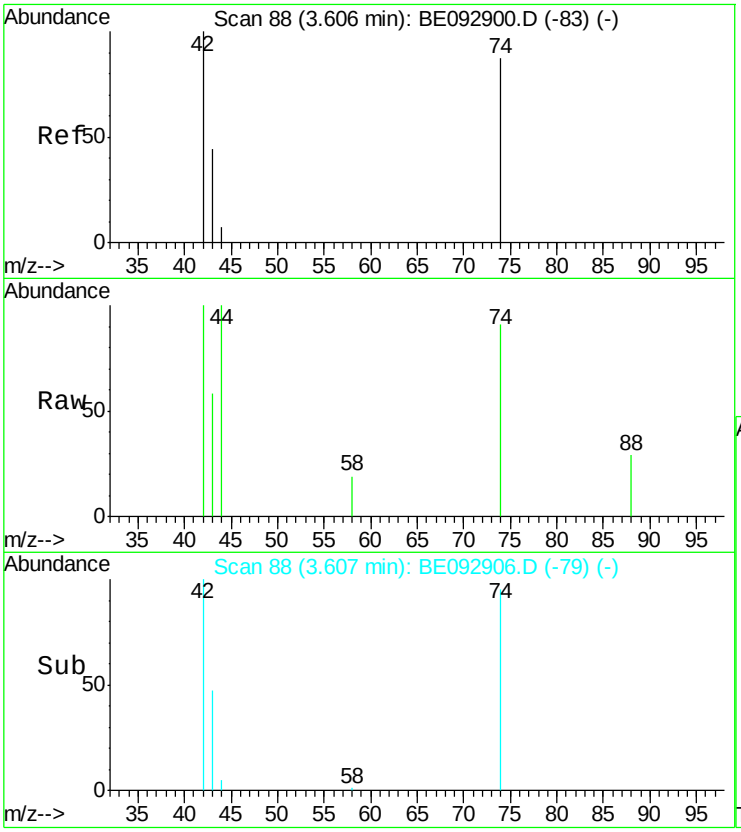


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.31 min Scan# 62
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion: 88 Resp: 461

Ion	Ratio	Lower	Upper
88	100		
58	80.5	64.9	97.3
43	31.2	26.6	40.0



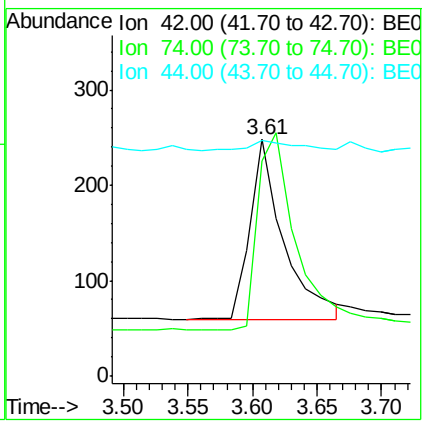


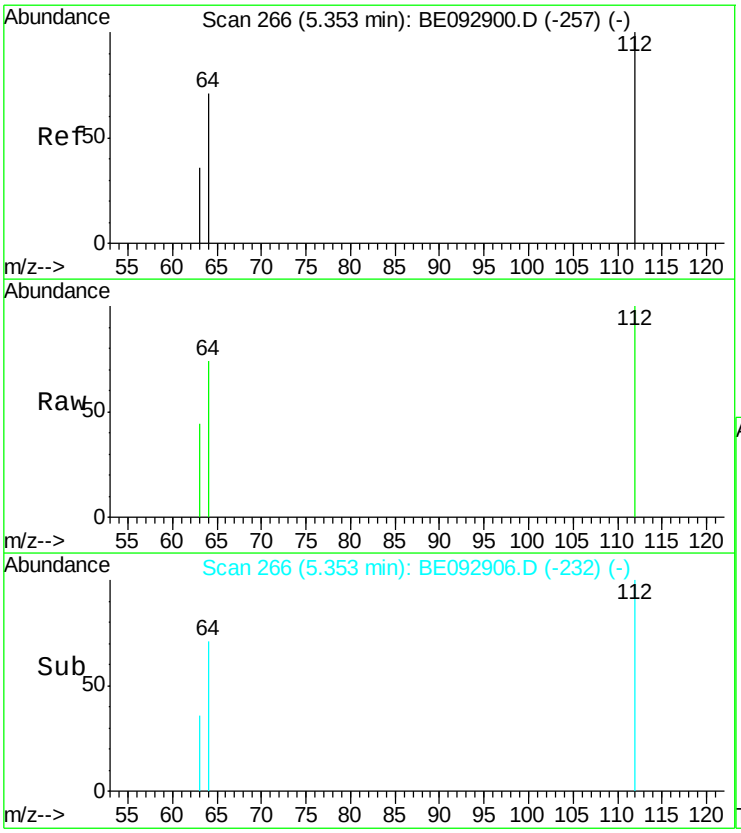
#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.61 min Scan# 88
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 346

Ion	Ratio	Lower	Upper
42	100		
74	121.7	106.6	160.0
44	8.7	25.7	38.5#

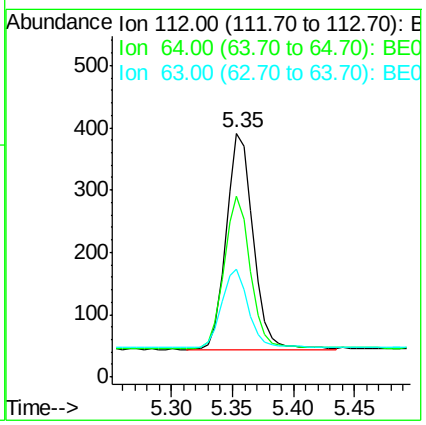


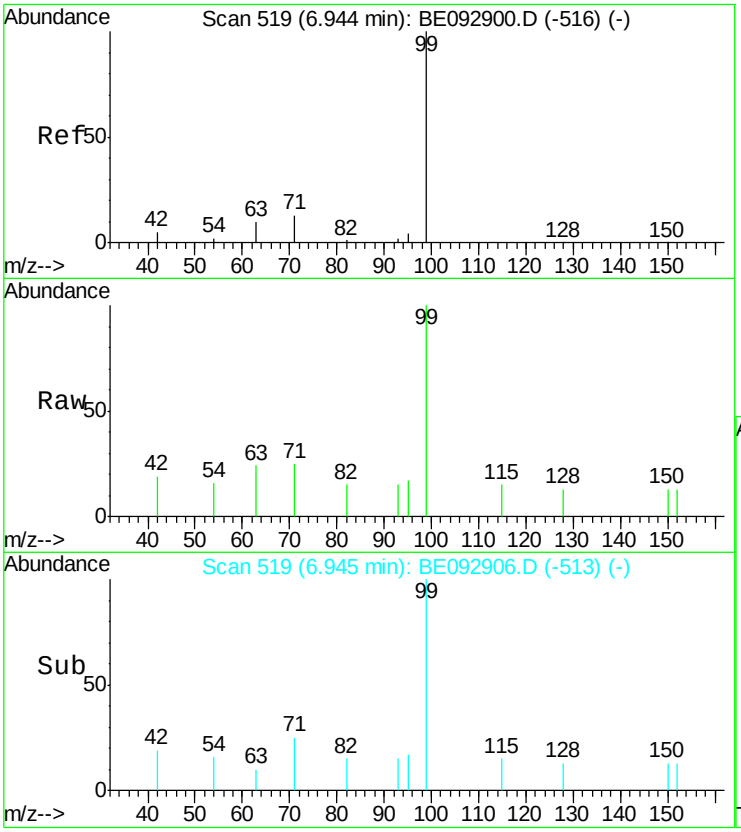


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.35 min Scan# 266
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:112 Resp: 534

Ion	Ratio	Lower	Upper
112	100		
64	69.5	52.6	79.0
63	35.6	29.0	43.4



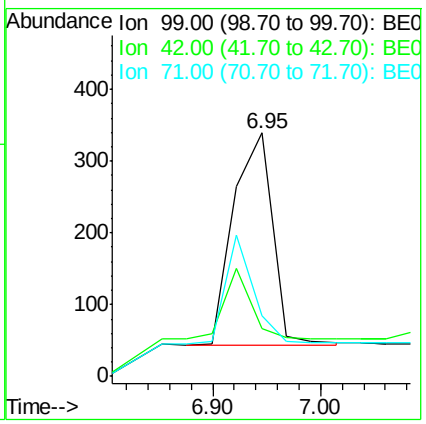


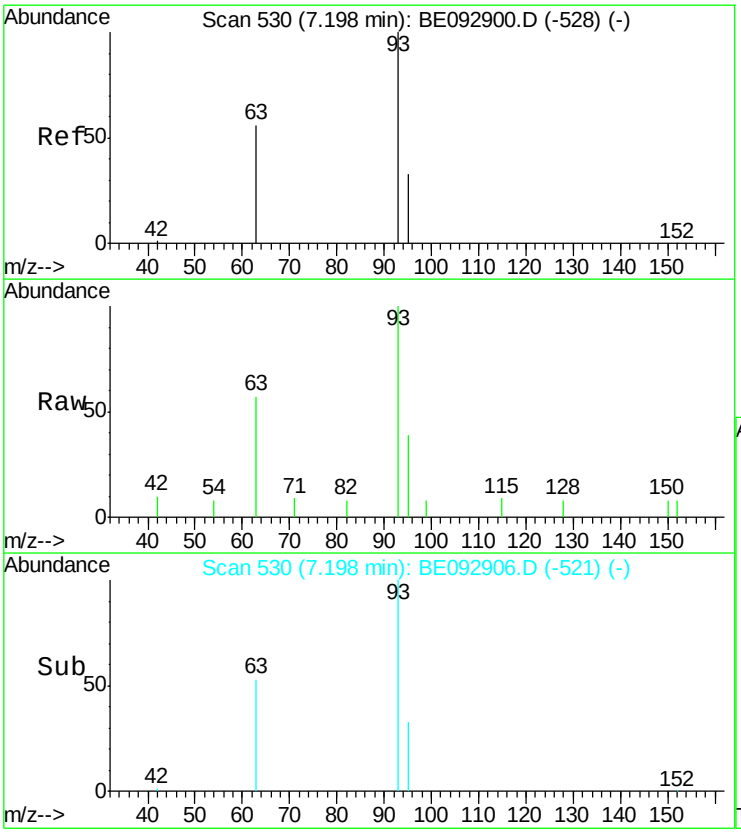
#5
Phenol-d6
Concen: 0.38 ng
RT: 6.95 min Scan# 519
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 741

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

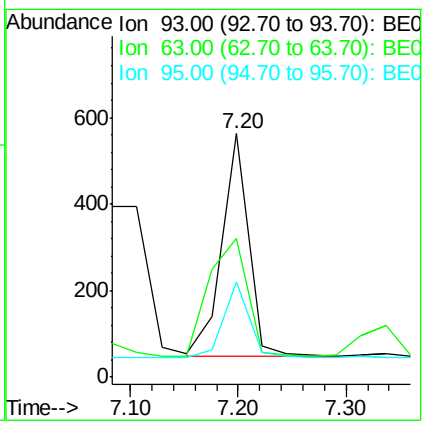


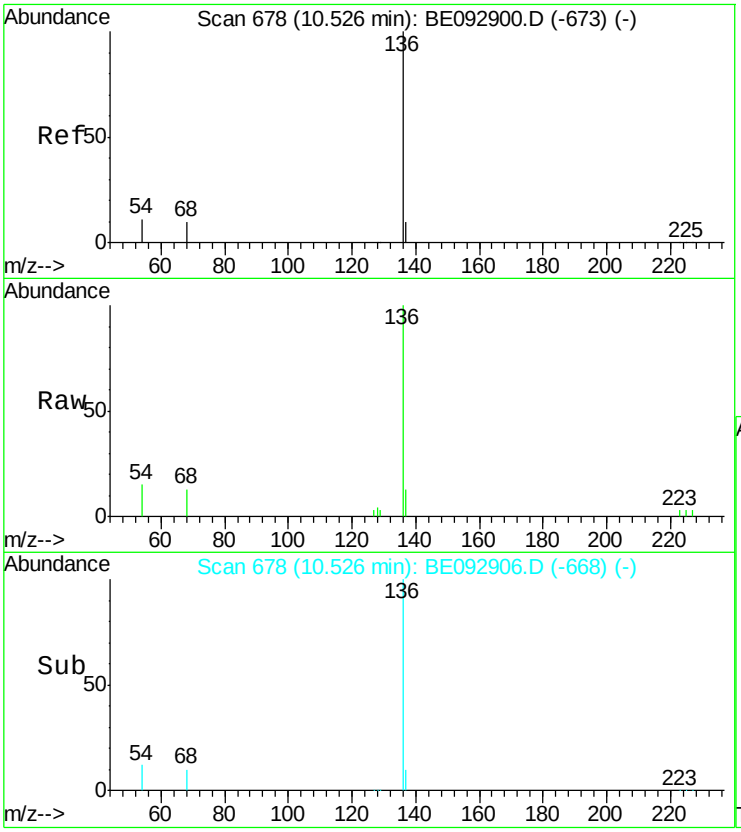


#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.20 min Scan# 530
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion: 93 Resp: 886

Ion	Ratio	Lower	Upper
93	100		
63	75.5	61.2	91.8
95	33.1	25.5	38.3



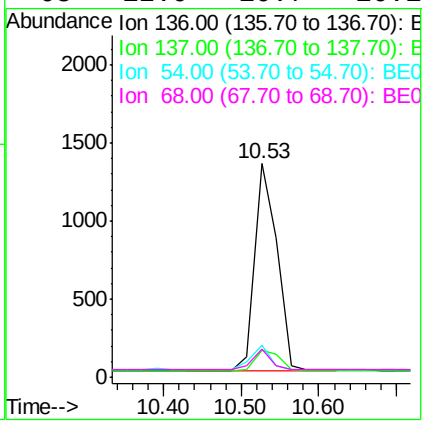


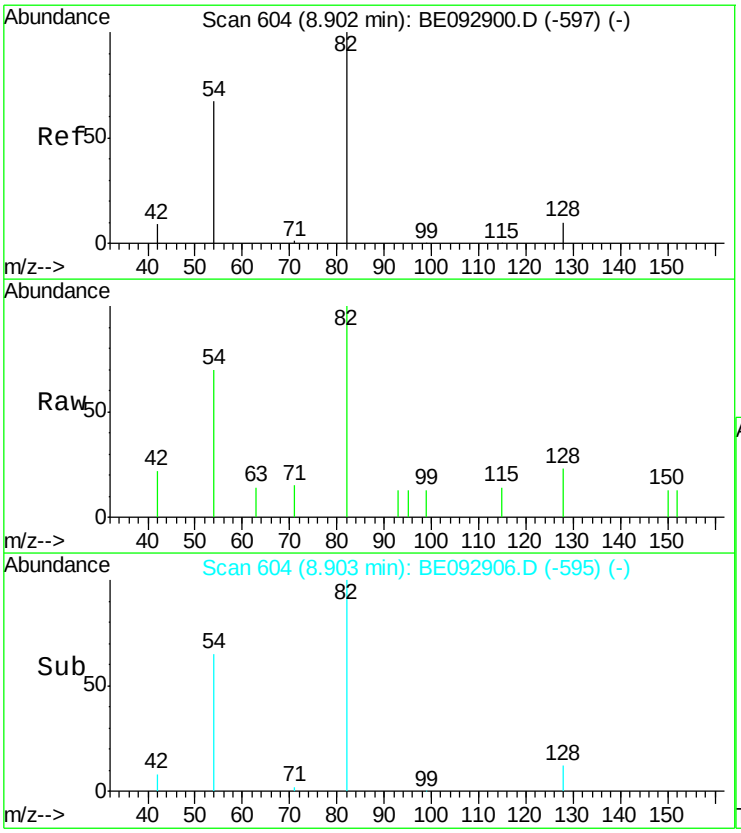
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.53 min Scan# 678
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 2657

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.4	15.6
54	15.0	12.6	18.8
68	12.9	10.7	16.1

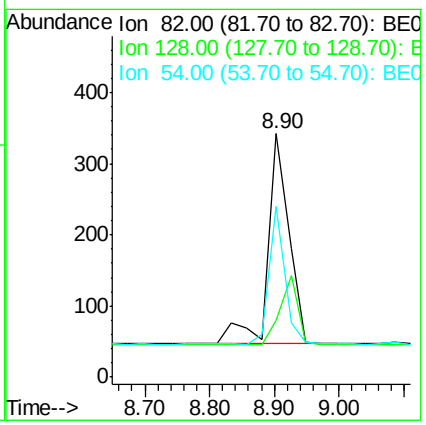


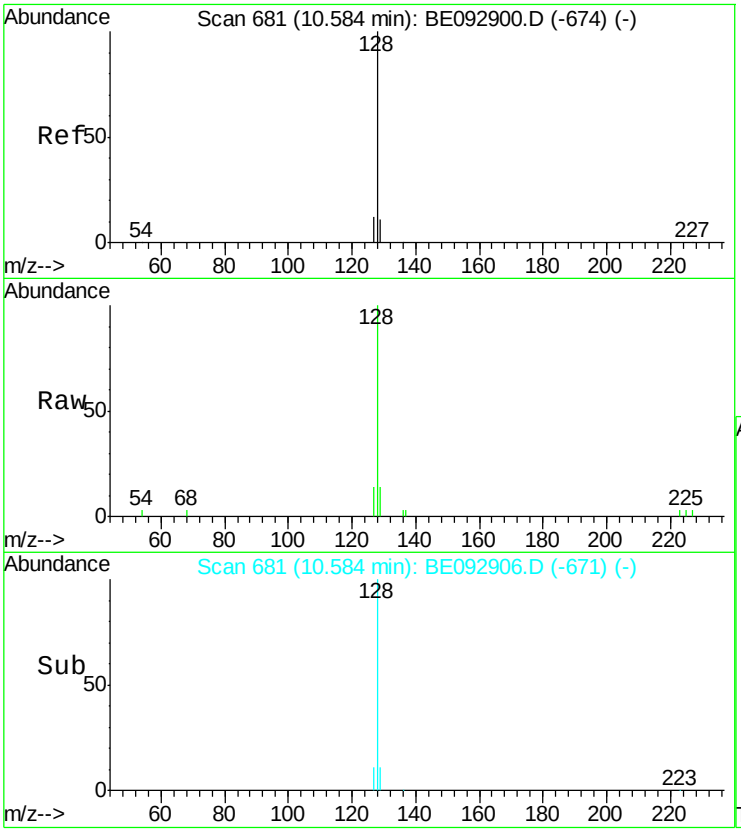


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.90 min Scan# 604
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion: 82 Resp: 677

Ion	Ratio	Lower	Upper
82	100		
128	23.4	35.3	52.9#
54	70.2	65.1	97.7



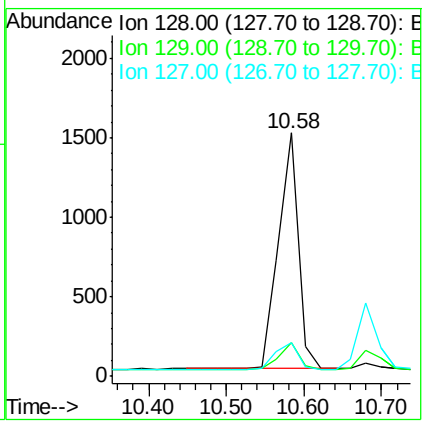


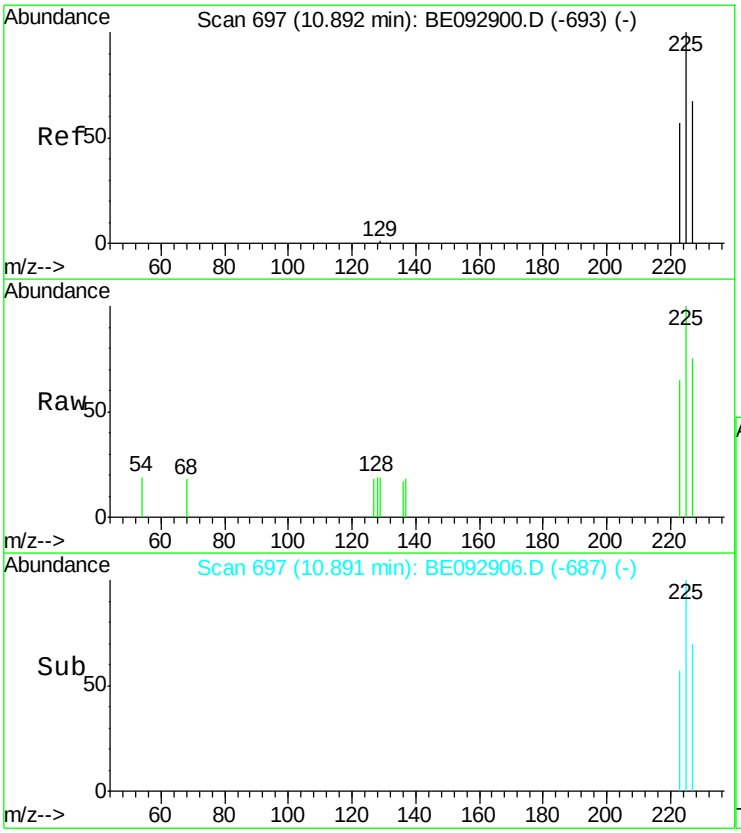
#9
Naphthalene
Concen: 0.38 ng
RT: 10.58 min Scan# 681
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 2685

Ion	Ratio	Lower	Upper
128	100		
129	13.9	15.8	23.8#
127	14.0	16.0	24.0#

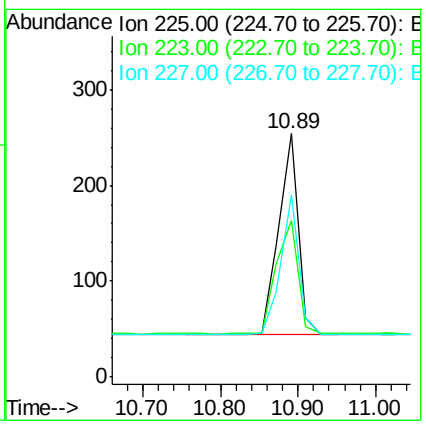


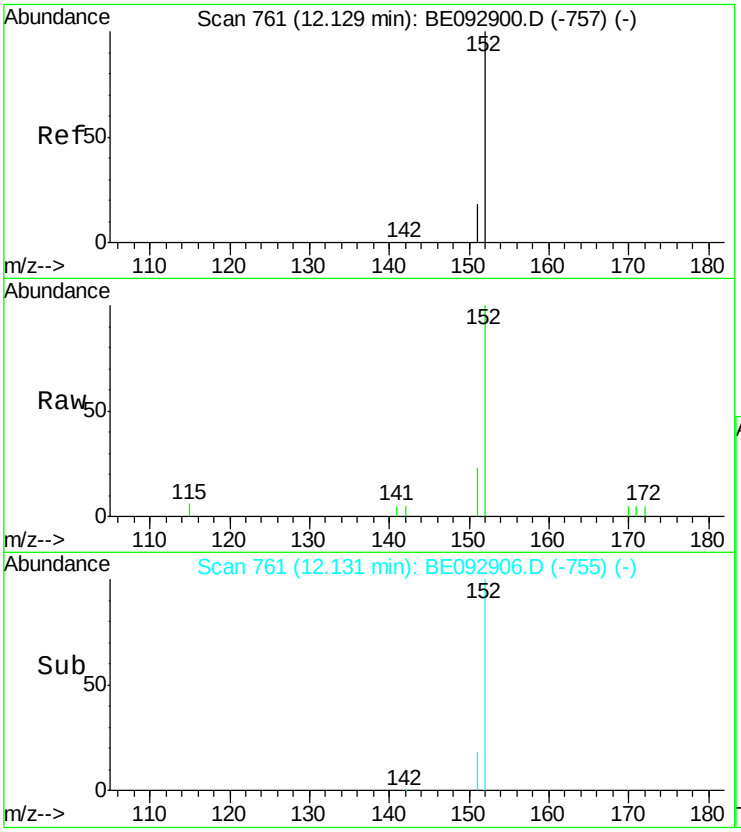


#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.89 min Scan# 697
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:225 Resp: 370

Ion	Ratio	Lower	Upper
225	100		
223	64.9	55.4	83.2
227	65.1	52.2	78.4



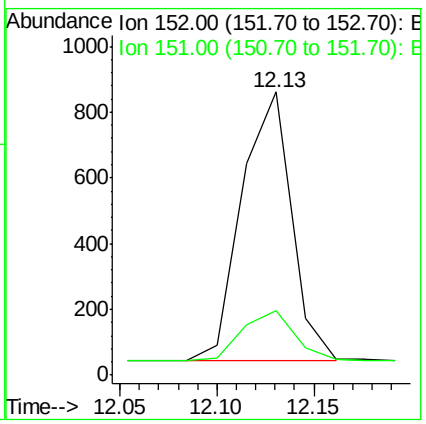


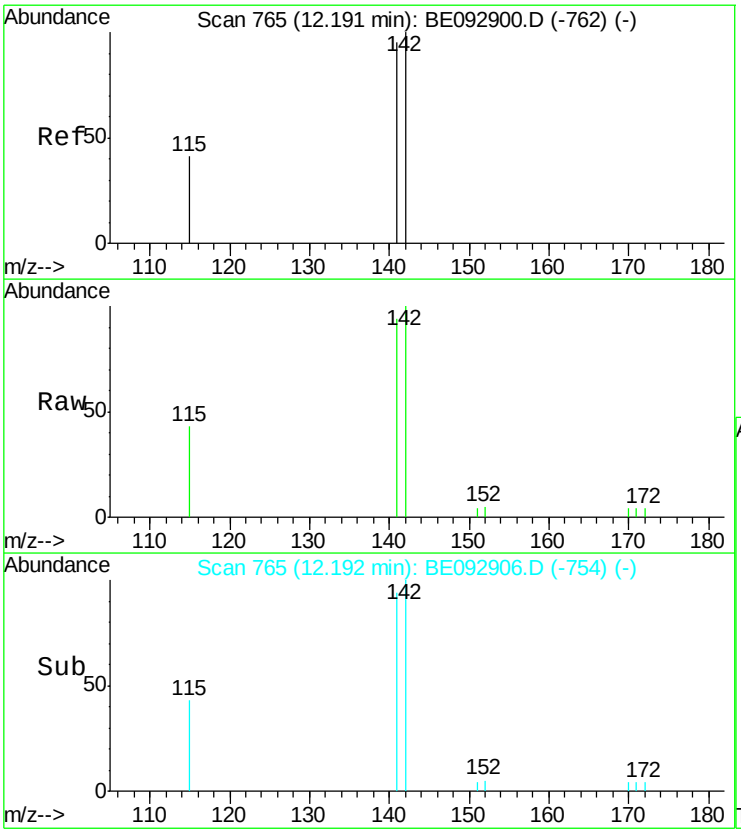
#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 12.13 min Scan# 761
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 1471

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5

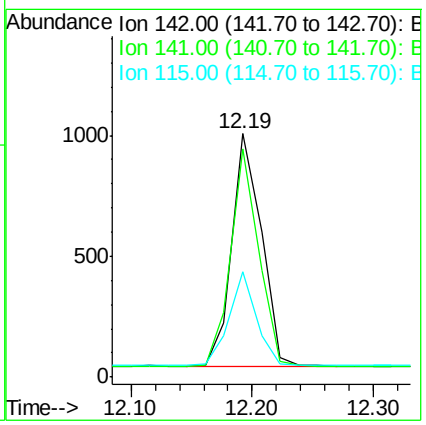


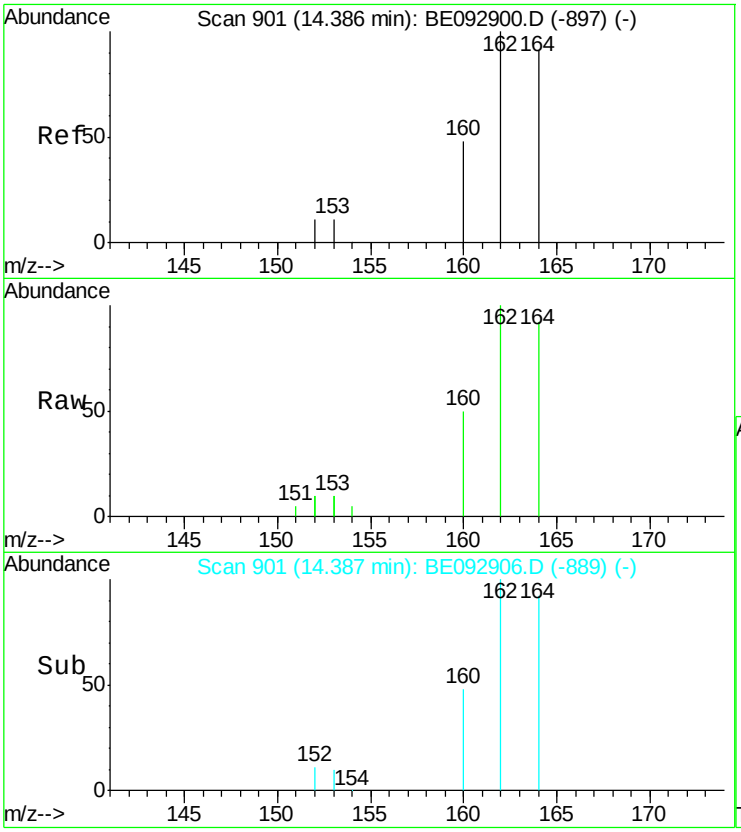


#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.19 min Scan# 765
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:142 Resp: 1613

Ion	Ratio	Lower	Upper
142	100		
141	93.9	76.0	114.0
115	43.4	41.6	62.4



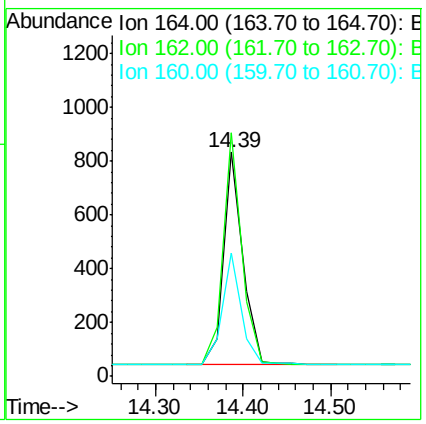


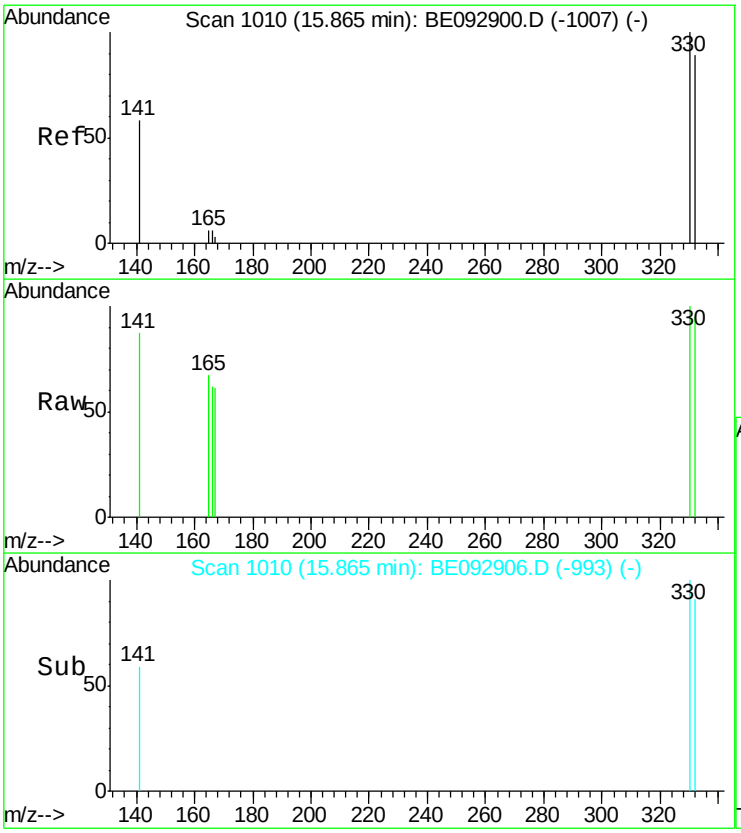
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 1194

Ion	Ratio	Lower	Upper
164	100		
162	108.8	86.6	130.0
160	54.9	44.5	66.7

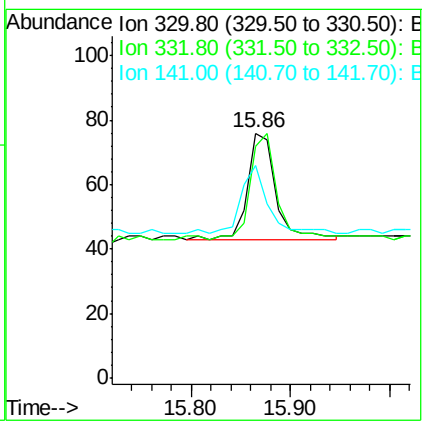


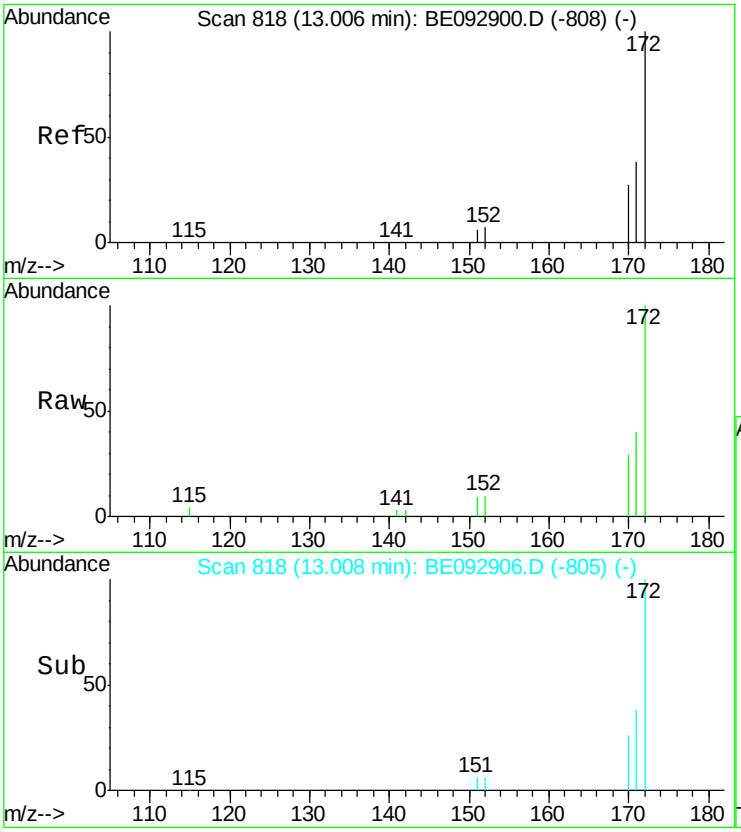


#14
2,4,6-Tribromophenol
Concen: 0.33 ng
RT: 15.86 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:330 Resp: 65

Ion	Ratio	Lower	Upper
330	100		
332	95.4	69.1	103.7
141	60.0	54.6	81.8



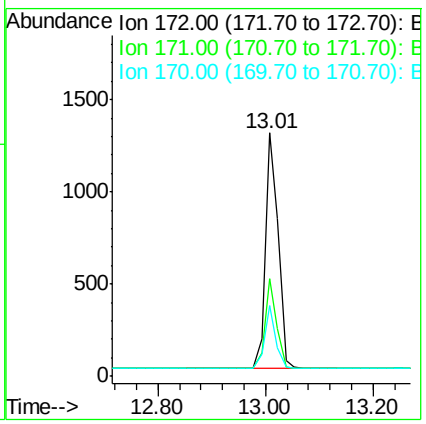


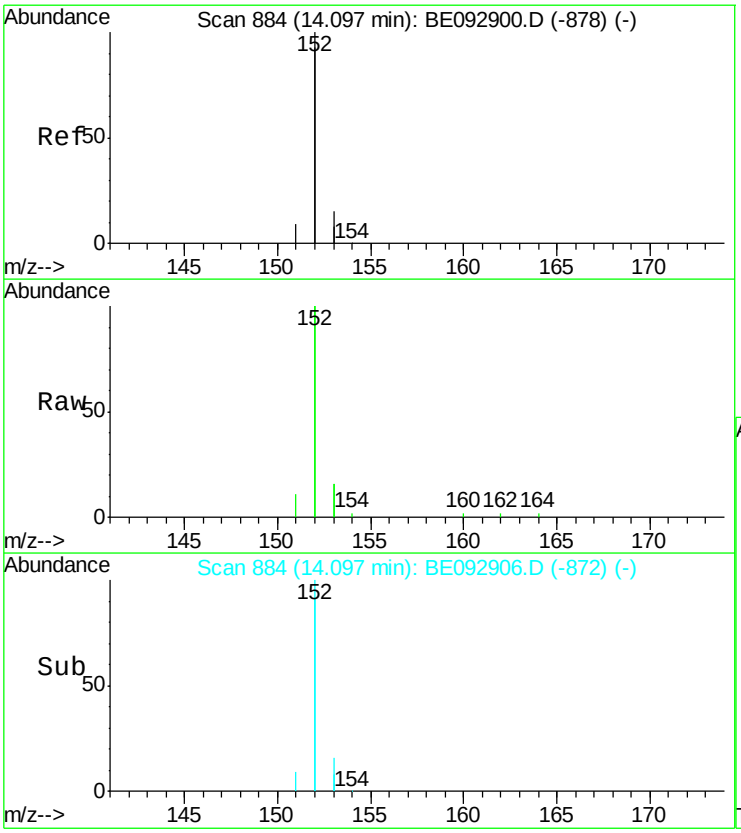
#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.01 min Scan# 818
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 2122

Ion	Ratio	Lower	Upper
172	100		
171	39.9	35.8	53.6
170	28.9	28.5	42.7

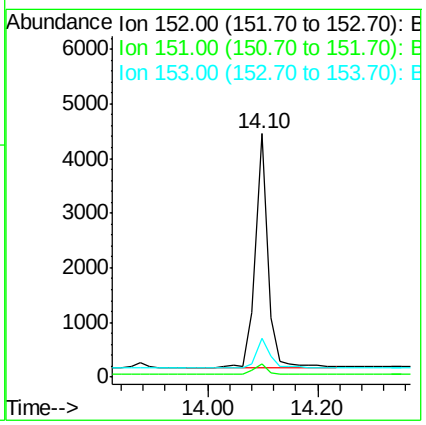


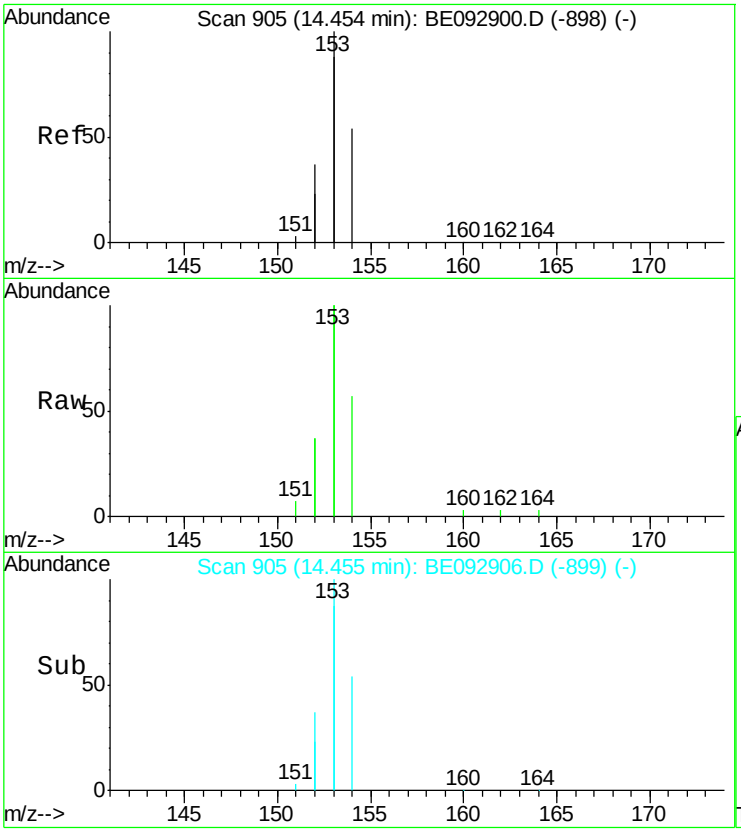


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.10 min Scan# 884
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:152 Resp: 6764

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.5	10.0	15.0



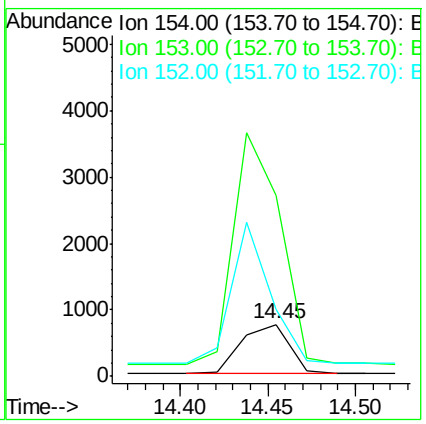


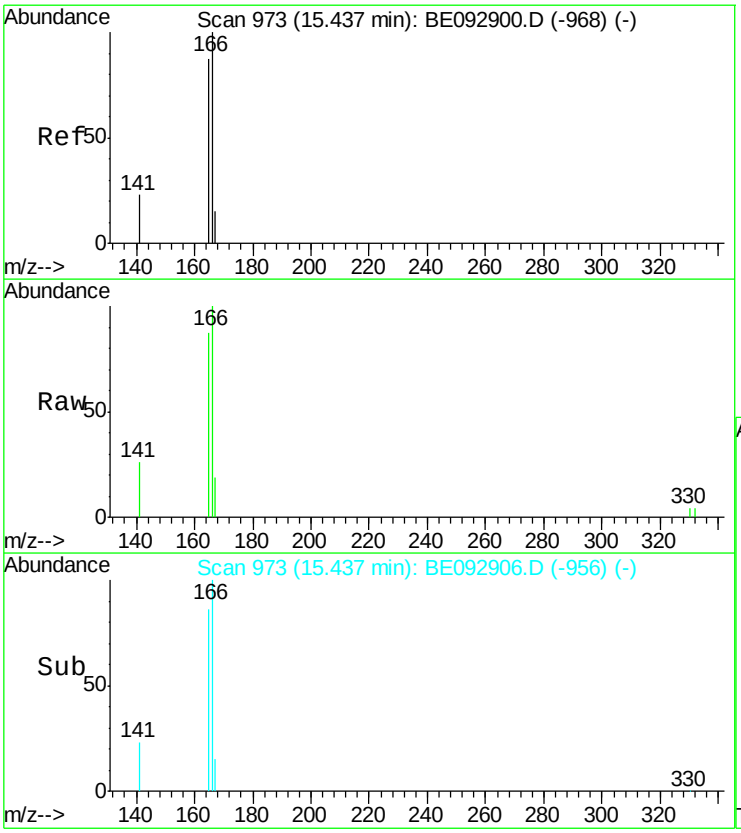
#17
Acenaphthene
Concen: 0.37 ng
RT: 14.45 min Scan# 905
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 1412

Ion	Ratio	Lower	Upper
154	100		
153	459.1	355.6	533.4
152	234.8	177.8	266.8

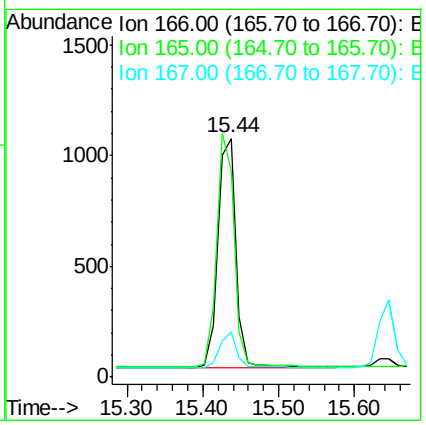


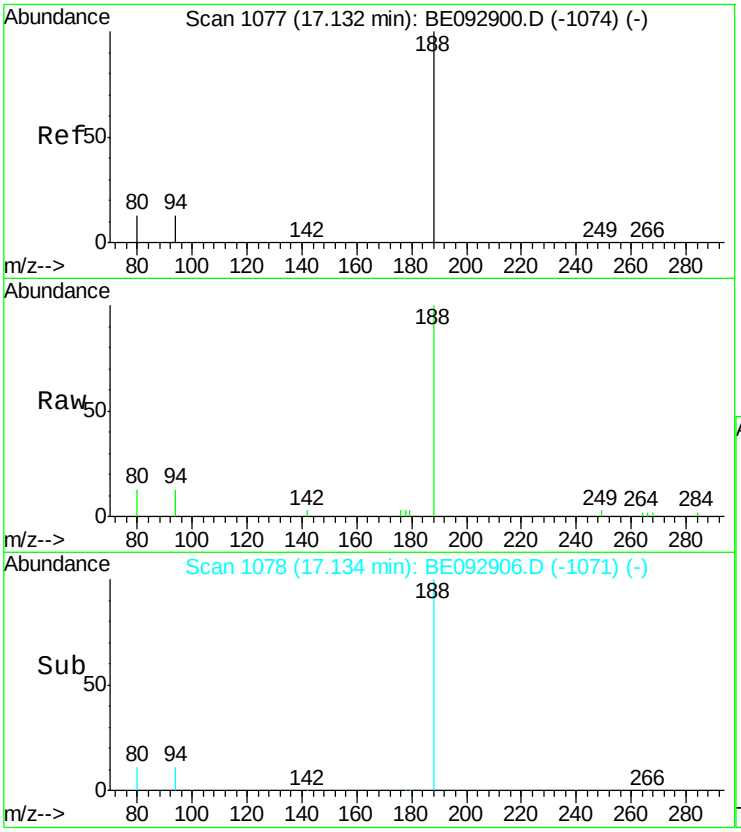


#18
Fluorene
Concen: 0.37 ng
RT: 15.44 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:166 Resp: 1712

Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.7	121.1
167	14.8	11.3	16.9



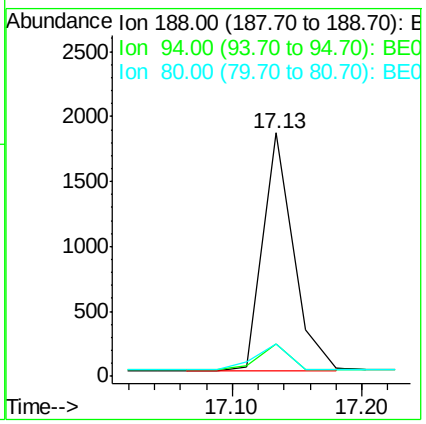


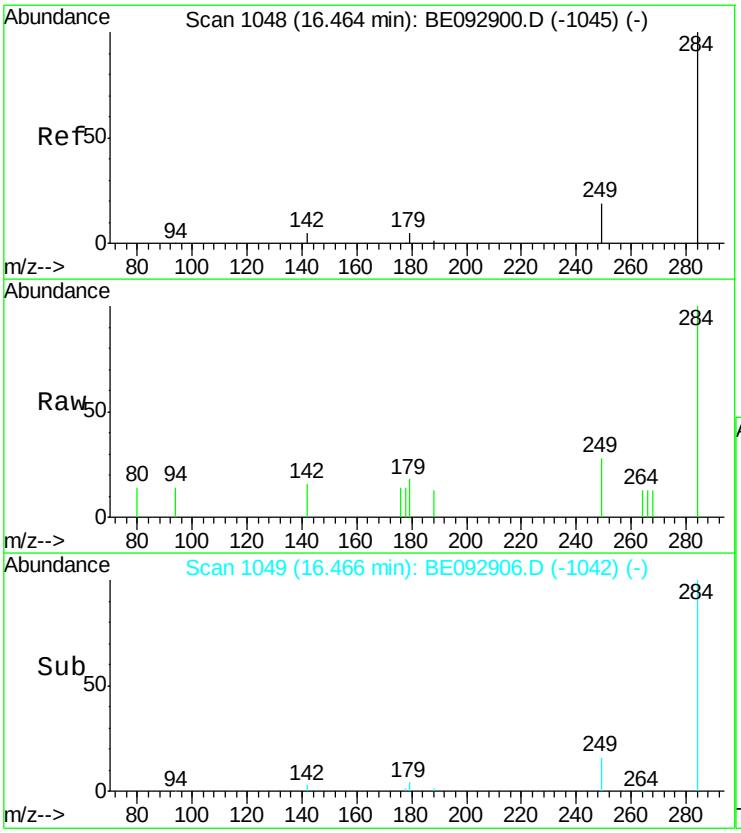
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1078
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 3028

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.2	15.4
80	13.4	10.6	15.8

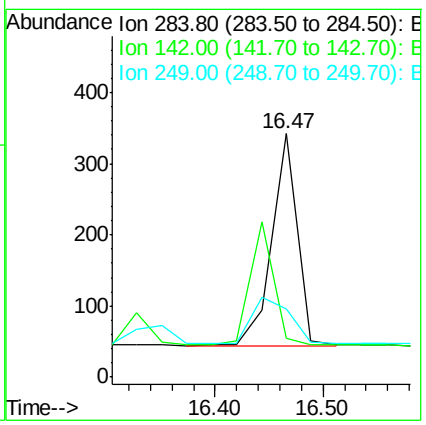


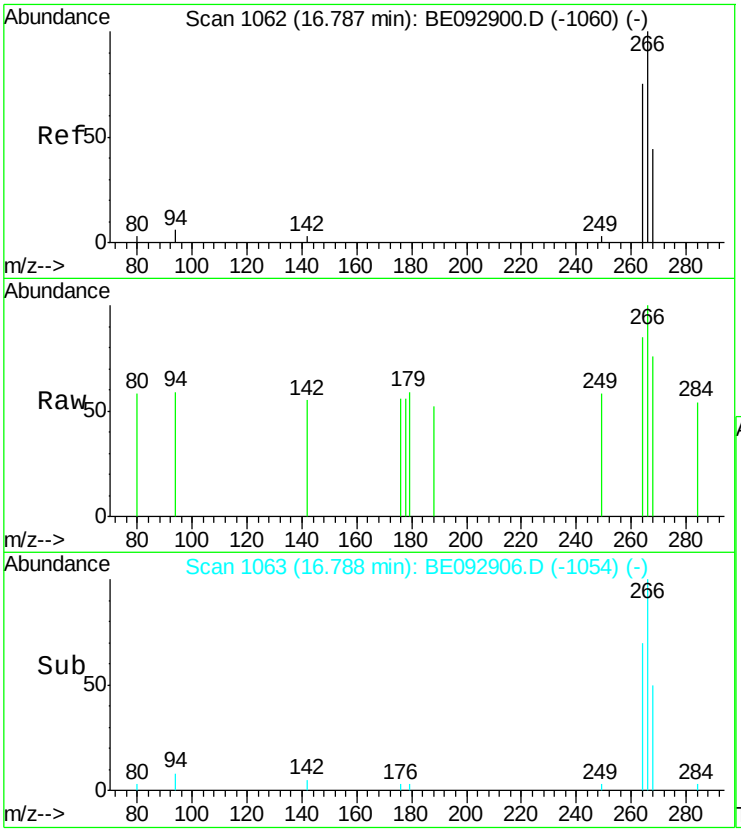


#20
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.47 min Scan# 1049
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:284 Resp: 496

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



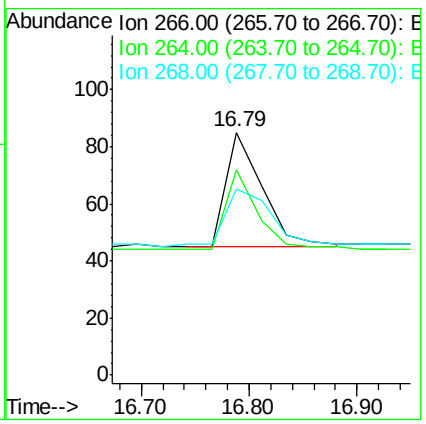


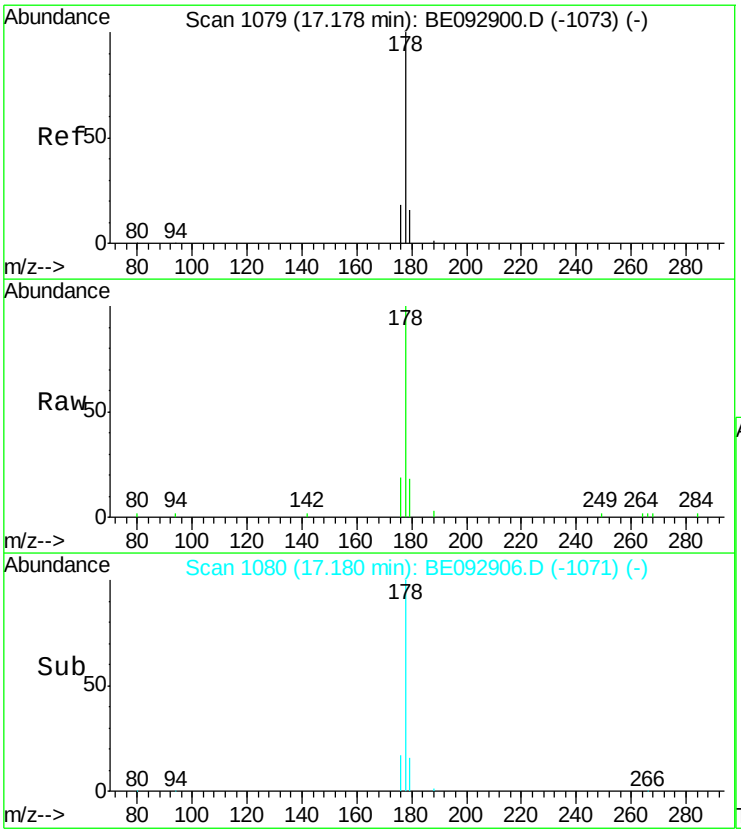
#21
Pentachlorophenol
Concen: 0.44 ng
RT: 16.79 min Scan# 1063
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 94

Ion	Ratio	Lower	Upper
266	100		
264	84.7	75.4	113.2
268	76.5	75.4	113.2

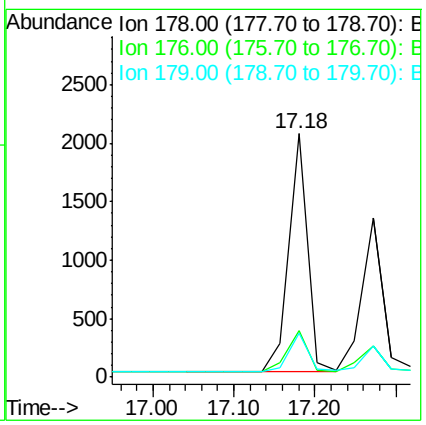


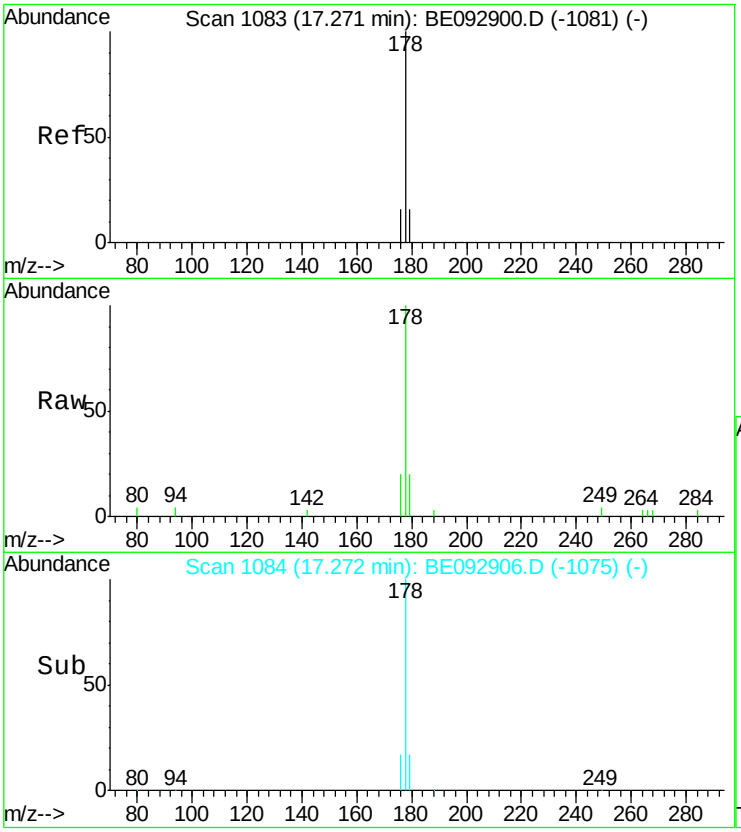


#22
Phenanthrene
Concen: 0.37 ng
RT: 17.18 min Scan# 1080
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:178 Resp: 3277

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.2	21.4
179	16.2	13.6	20.4



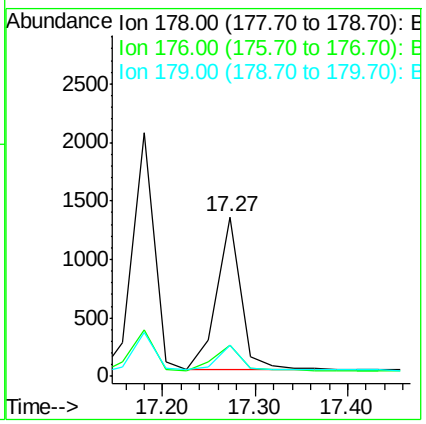


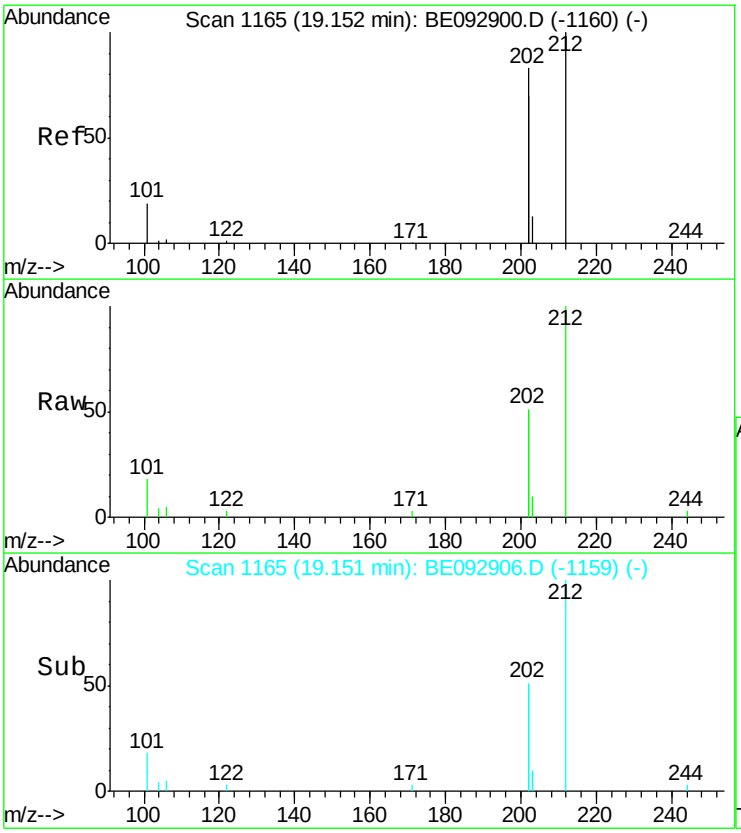
#23
Anthracene
Concen: 0.36 ng
RT: 17.27 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 2383

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.7	12.8	19.2

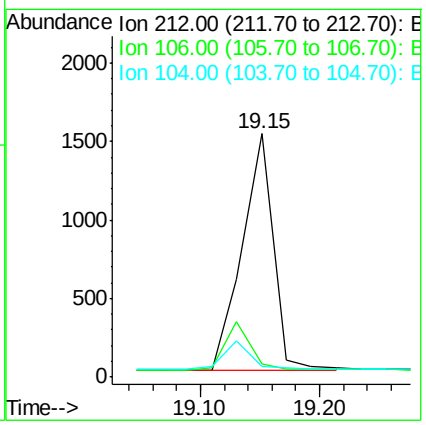


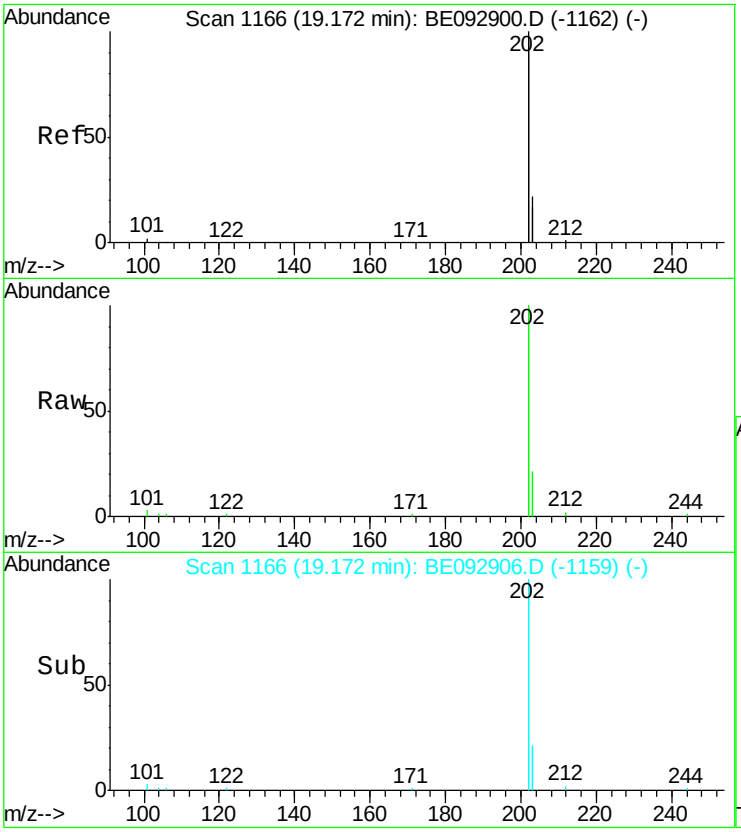


#24
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.15 min Scan# 1165
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:212 Resp: 2735

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



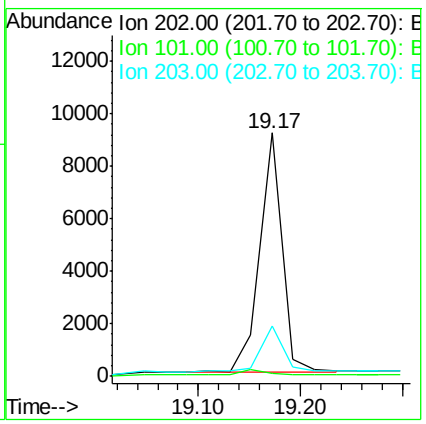


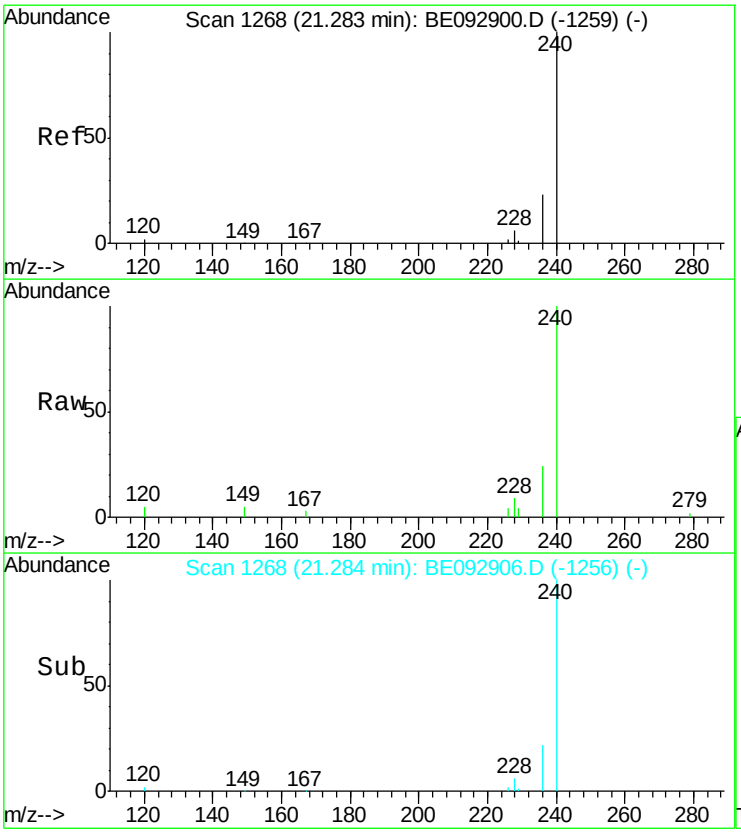
#25
Fluoranthene
Concen: 0.37 ng
RT: 19.17 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 13978

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	0.0
203	18.4	15.3	22.9

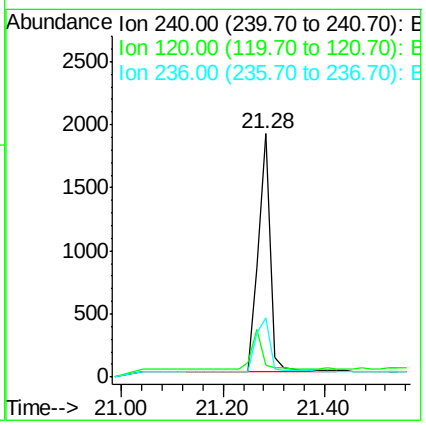


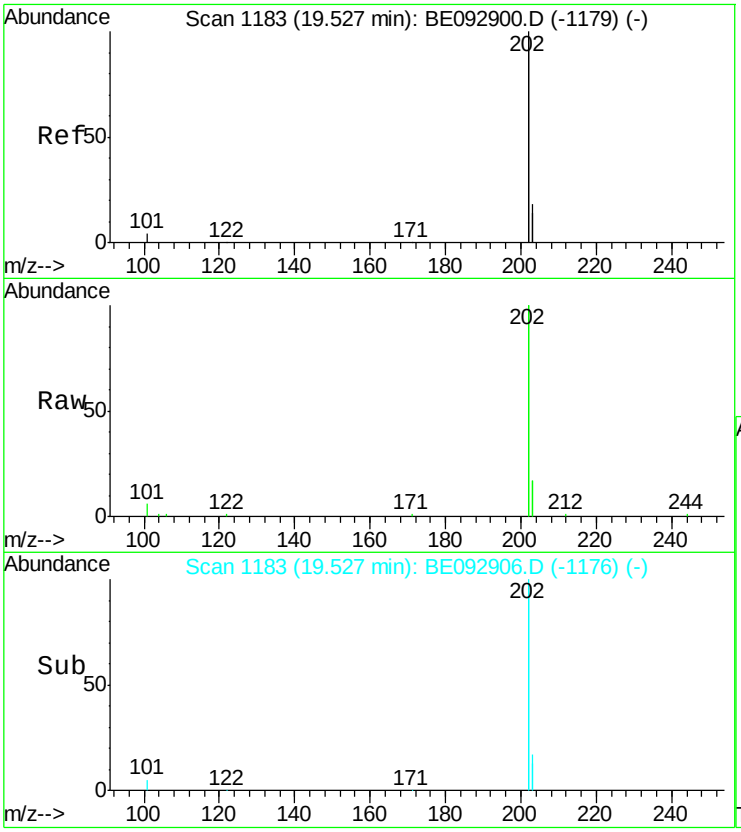


#26
Chrysene-d12
Concen: 0.40 ng
RT: 21.28 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:240 Resp: 3026

Ion	Ratio	Lower	Upper
240	100		
120	5.1	4.6	6.8
236	24.1	19.8	29.8



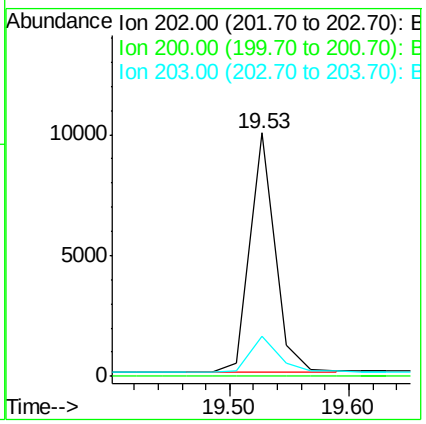


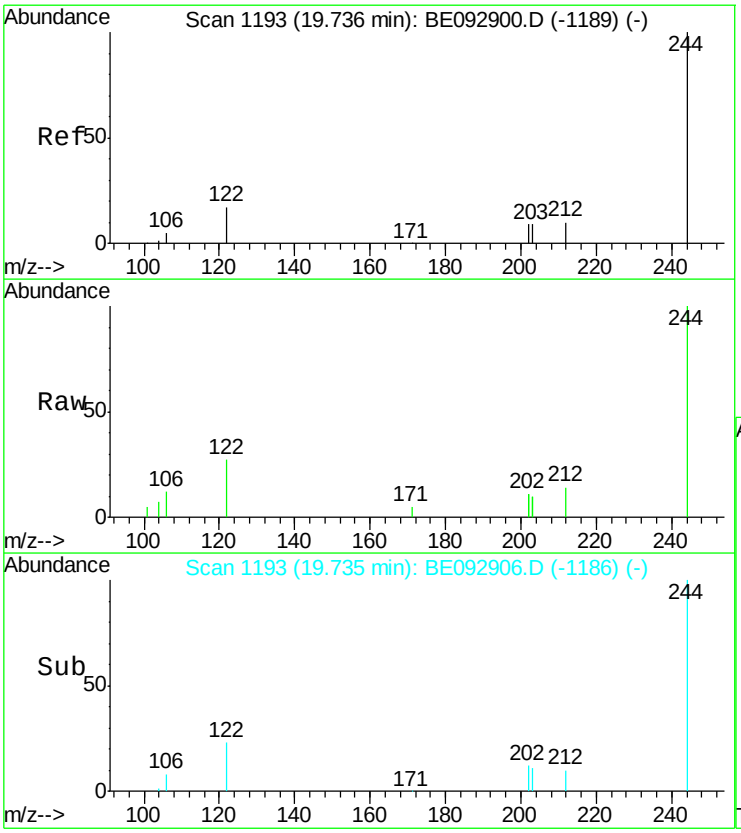
#27
Pyrene
Concen: 0.37 ng
RT: 19.53 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 14442

Ion	Ratio	Lower	Upper
202	100		
200	0.0	0.0	0.0
203	17.0	13.5	20.3

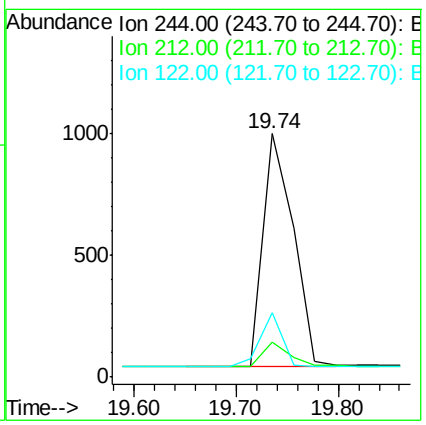


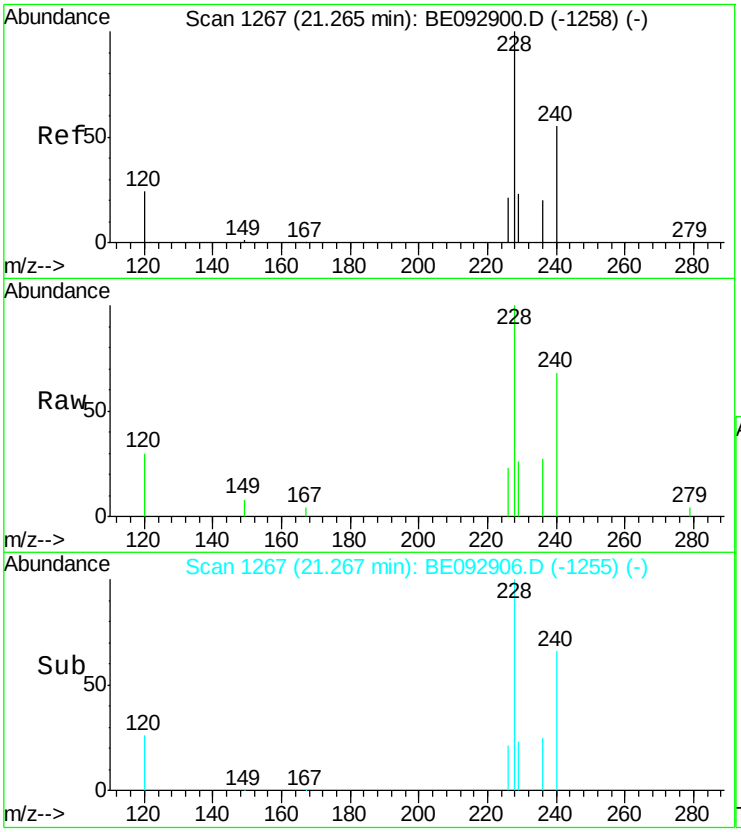


#28
Terphenyl-d14
Concen: 0.37 ng
RT: 19.74 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:244 Resp: 1951

Ion	Ratio	Lower	Upper
244	100		
212	14.3	18.4	27.6#
122	26.5	23.3	34.9



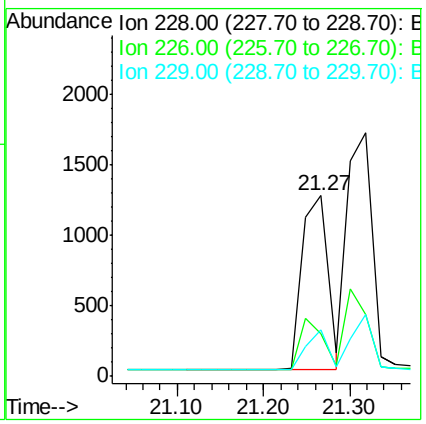


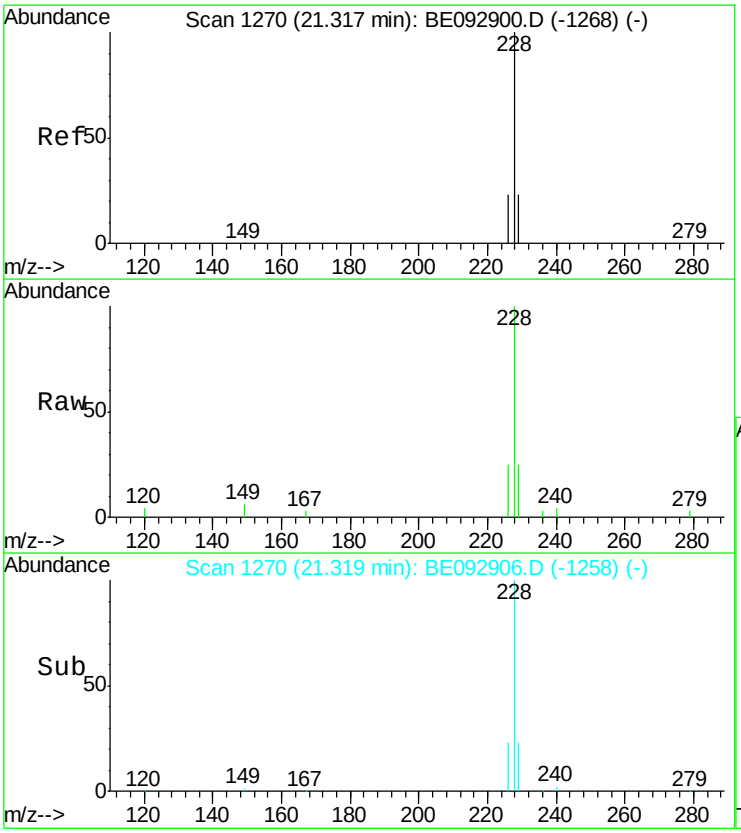
#29
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.27 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 2556

Ion	Ratio	Lower	Upper
228	100		
226	23.5	32.0	48.0#
229	26.1	21.4	32.0

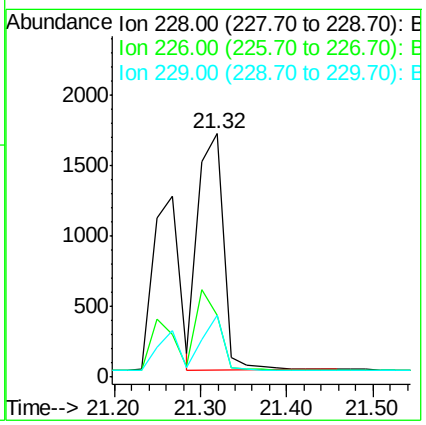


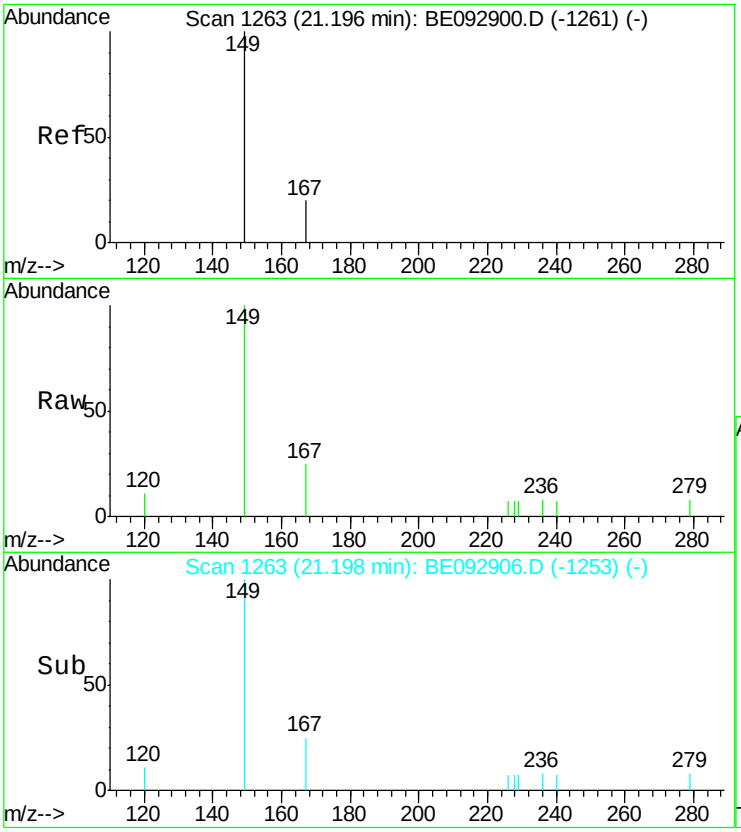


#30
Chrysene
Concen: 0.38 ng
RT: 21.32 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:228 Resp: 3463

Ion	Ratio	Lower	Upper
228	100		
226	25.3	34.2	51.2#
229	25.3	18.6	28.0



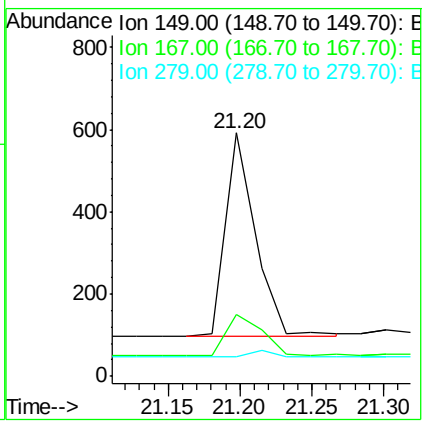


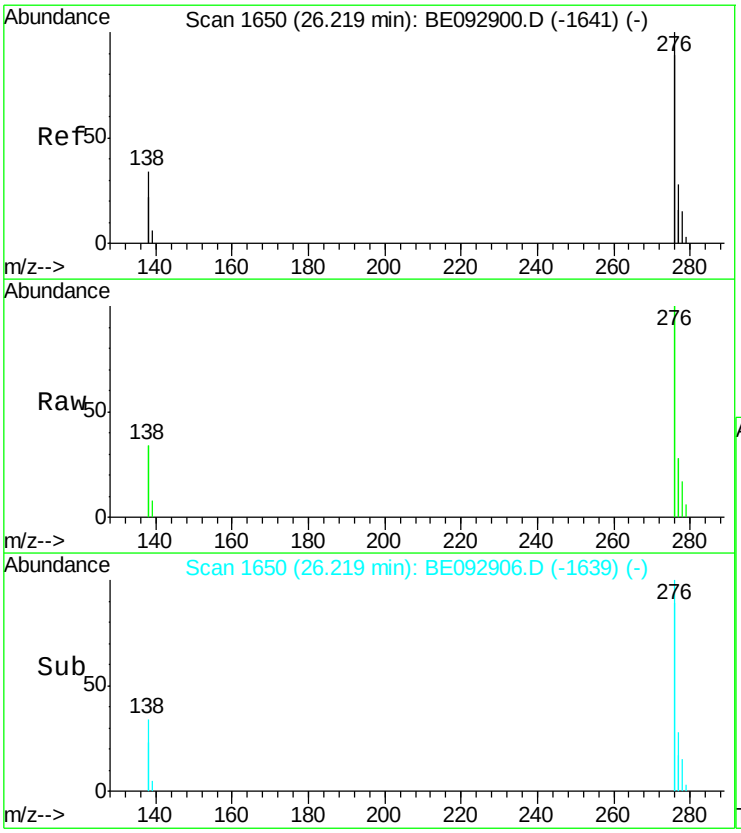
#31
Bis(2-ethylhexyl)phthalate
Concen: 0.39 ng
RT: 21.20 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 714

Ion	Ratio	Lower	Upper
149	100		
167	24.5	20.9	31.3
279	0.0	0.0	0.0

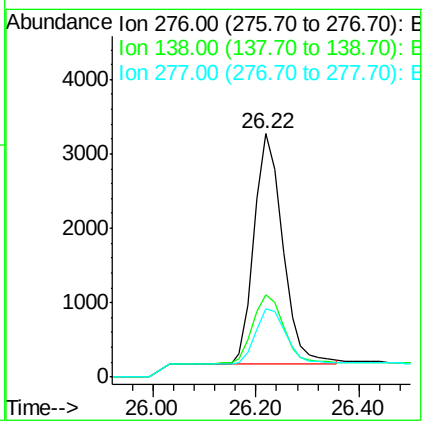


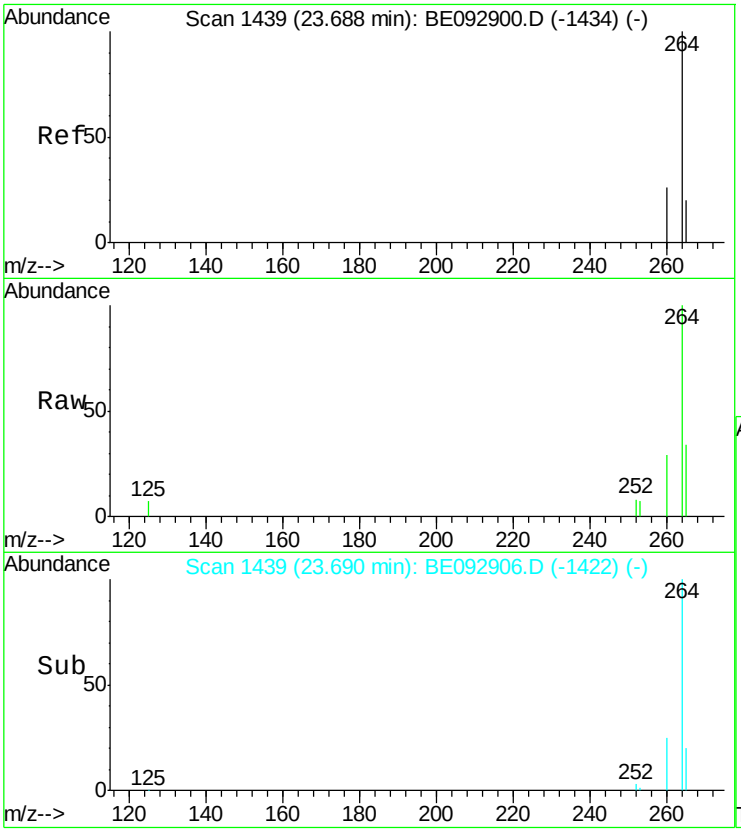


#32
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.22 min Scan# 1650
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:276 Resp: 11859

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.8	38.6
277	25.2	20.2	30.4



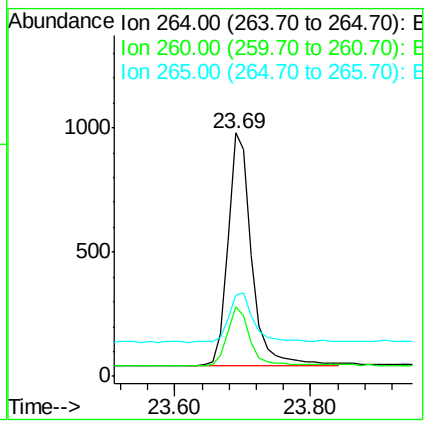


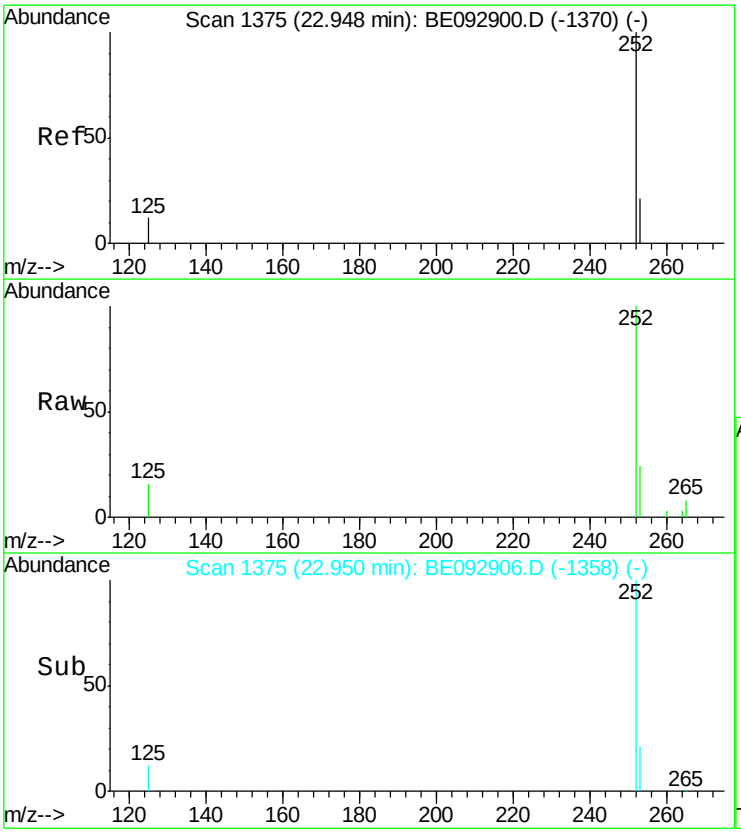
#33
Perylene-d12
Concen: 0.40 ng
RT: 23.69 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 2291

Ion	Ratio	Lower	Upper
264	100		
260	28.8	23.5	35.3
265	33.5	27.2	40.8

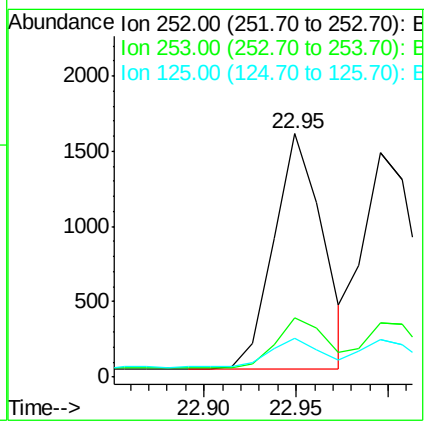


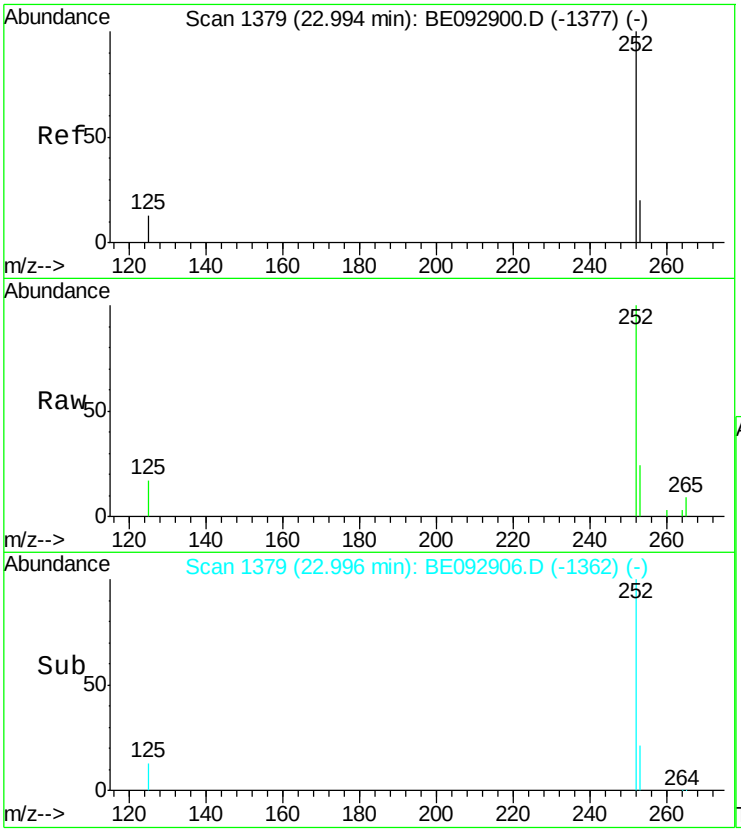


#34
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.95 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:252 Resp: 2877

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.7	37.1#
125	16.0	20.3	30.5#



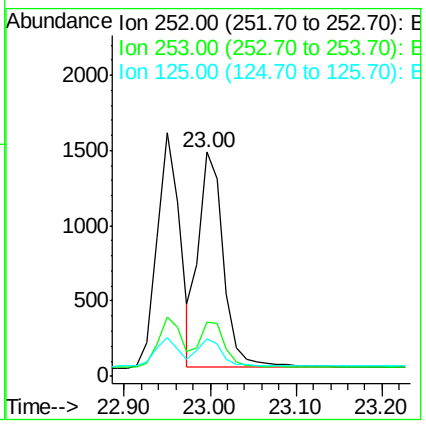


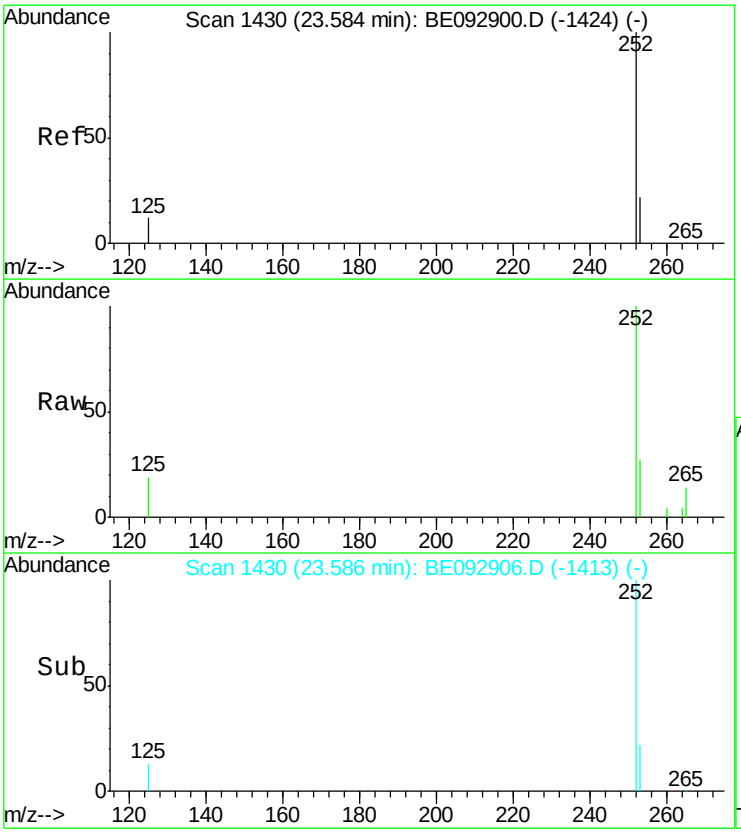
#35
Benzo(k)fluoranthene
Concen: 0.35 ng
RT: 23.00 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 2887

Ion	Ratio	Lower	Upper
252	100		
253	24.0	25.8	38.8#
125	16.9	22.9	34.3#

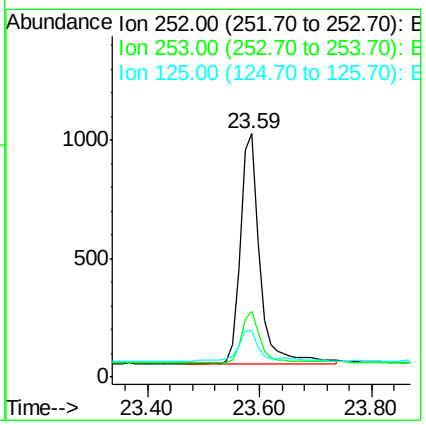


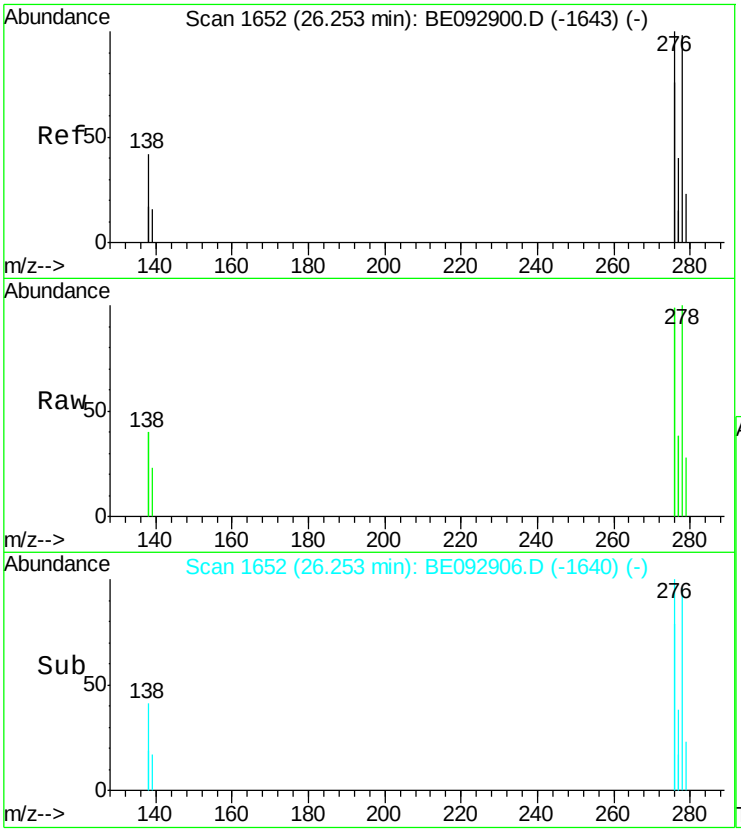


#36
Benzo(a)pyrene
Concen: 0.36 ng
RT: 23.59 min Scan# 1430
Delta R.T. 0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:252 Resp: 2366

Ion	Ratio	Lower	Upper
252	100		
253	27.1	31.3	46.9#
125	18.9	26.4	39.6#



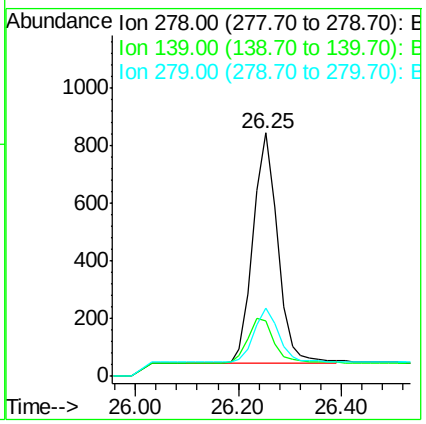


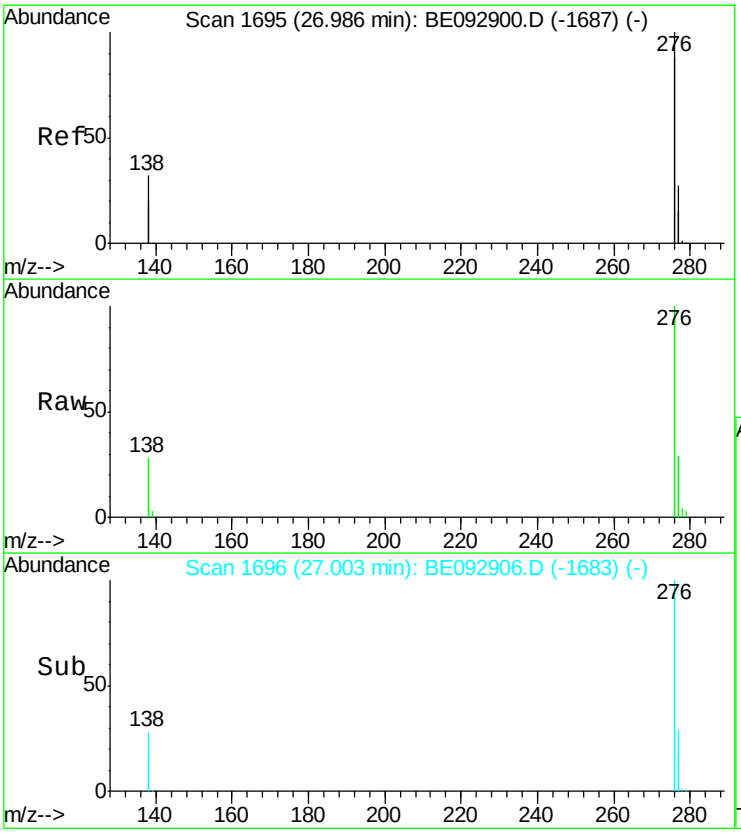
#37
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.25 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 2652

Ion	Ratio	Lower	Upper
278	100		
139	22.7	27.4	41.2#
279	28.2	33.3	49.9#





#38
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 27.00 min Scan# 1696
Delta R.T. 0.02 min
Lab File: BE092906.D
Acq: 21 Apr 2017 12:55

Tgt Ion:276 Resp: 11360

Ion	Ratio	Lower	Upper
276	100		
277	28.7	29.9	44.9#
138	28.1	34.6	51.8#