Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
Data File : BE092632.D
Acq On : 6 Jan 2017 15:01
Operator : UM/SJ
Sample : PB95799BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB95799BS

Quant Time: Jan 06 23:12:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	10501	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	44951	5.00	ng		-0.02
12) Acenaphthene-d10	14.80	164	26678	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	46664	5.00	ng		-0.02
24) Chrysene-d12	21.72	240	58493	5.00	ng		0.00
31) Perylene-d12	24.08	264	53519	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	19161	9.40	ng		-0.03
5) Phenol-d6	7.31	99	26679	8.64	ng		-0.07
8) Nitrobenzene-d5	9.32	82	12315	4.00	ng		-0.05
13) 2,4,6-Tribromophenol	16.28	330	5636	7.33	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	28125	4.41	ng		-0.02
26) Terphenyl-d14	20.16	244	29350	4.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4712	3.90	ng	#	57
3) n-Nitrosodimethylamine	3.73	42	7353	4.21	ng	#	89
6) bis(2-Chloroethyl)ether	7.57	93	12204	4.06	ng		90
9) Naphthalene	10.97	128	38575	4.18	ng		94
10) Hexachlorobutadiene	11.26	225	5748	4.10	ng		99
11) 2-Methylnaphthalene	12.60	142	24963	4.25	ng	#	90
15) Acenaphthylene	14.51	152	159534	4.33	ng		100
16) Acenaphthene	14.85	154	24076	3.97	ng		92
17) Fluorene	15.83	166	30796	4.13	ng		100
19) Hexachlorobenzene	16.87	284	9138	4.58	ng	#	63
20) Pentachlorophenol	17.21	266	5630	6.68	ng	#	85
21) Phenanthrene	17.58	178	53454	4.54	ng	#	95
22) Anthracene	17.67	178	52052	4.84	ng		99
23) Fluoranthene	19.58	202	208114	4.09	ng		100
25) Pyrene	19.95	202	212323	4.12	ng		99
27) Benzo(a)anthracene	21.70	228	217759	4.15	ng	#	85
28) Chrysene	21.70	228	217759	3.58	ng	#	66
29) Bis(2-ethylhexyl)phthalate	21.61	149	22005	3.10	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.55	276	280197	5.09	ng		97
32) Benzo(b)fluoranthene	23.35	252	58549	4.76	ng	#	97
33) Benzo(k)fluoranthene	23.39	252	54278	3.96	ng		95
34) Benzo(a)pyrene	23.96	252	55235	4.65	ng	#	95
35) Dibenzo(a,h)anthracene	26.56	278	58552	5.19	ng		96
36) Benzo(g,h,i)perylene	27.31	276	244659	5.06	ng		96

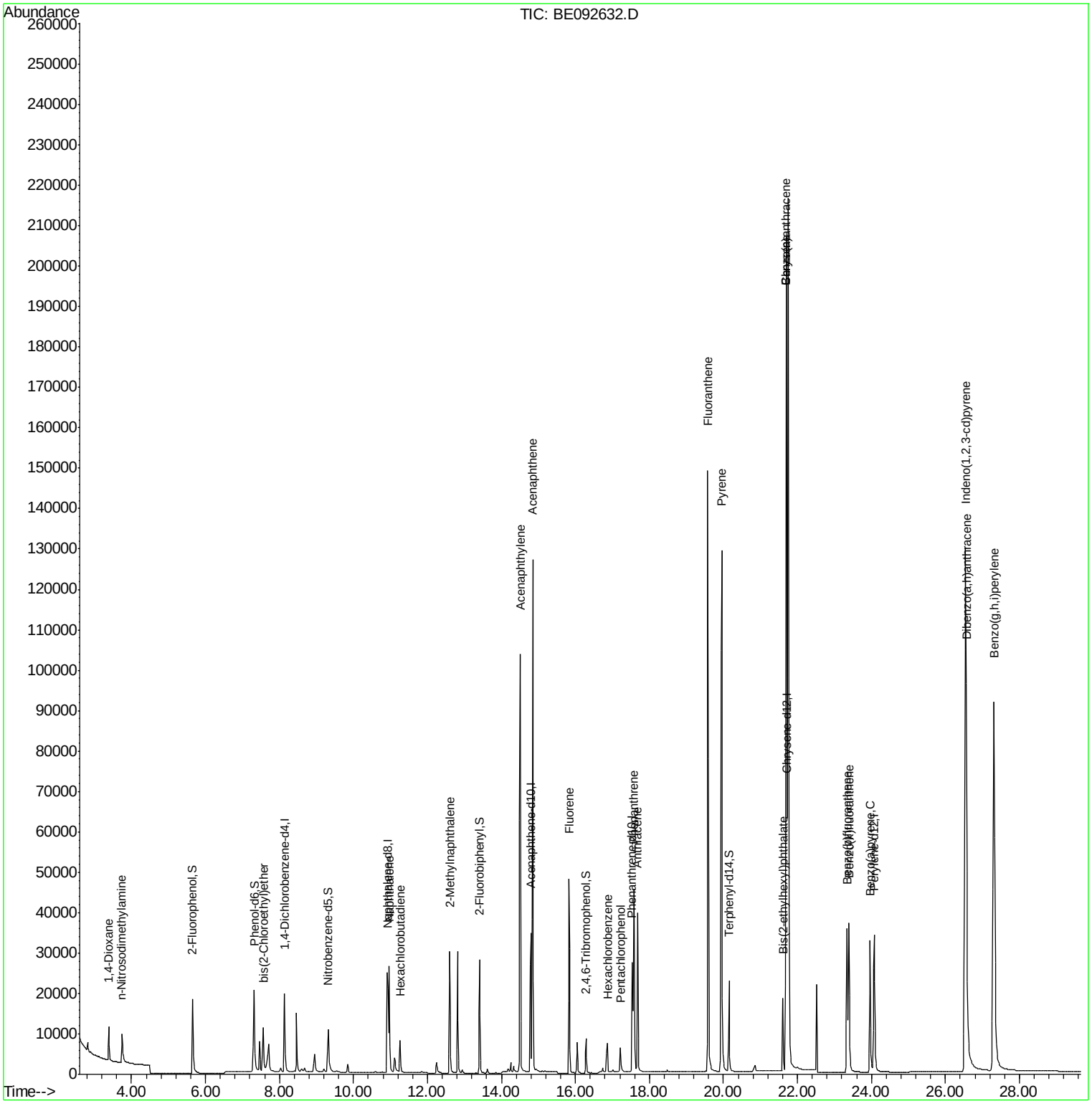
(#) = qualifier out of range (m) = manual integration (+) = signals summed

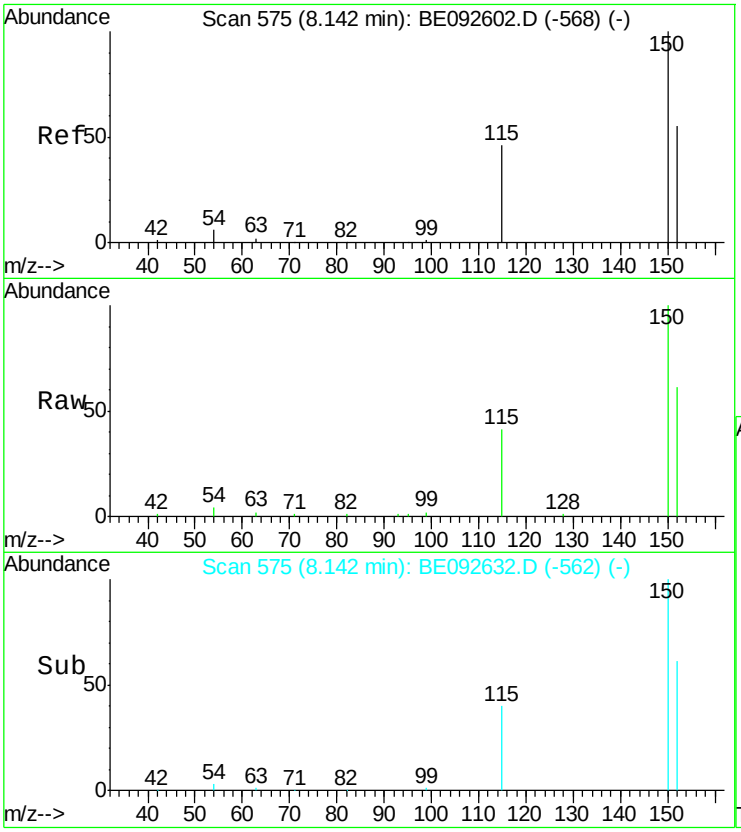
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE010617\
Data File : BE092632.D
Acq On : 6 Jan 2017 15:01
Operator : UM/SJ
Sample : PB95799BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Quant Time: Jan 06 23:12:50 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 19 16:16:32 2016
Response via : Initial Calibration



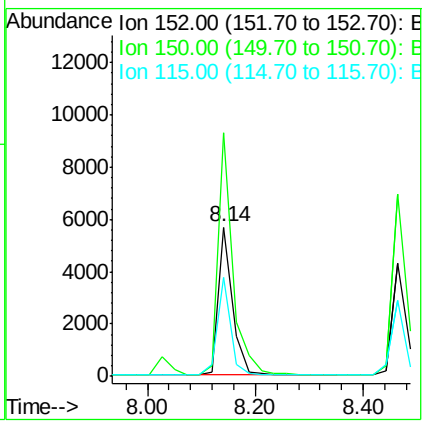


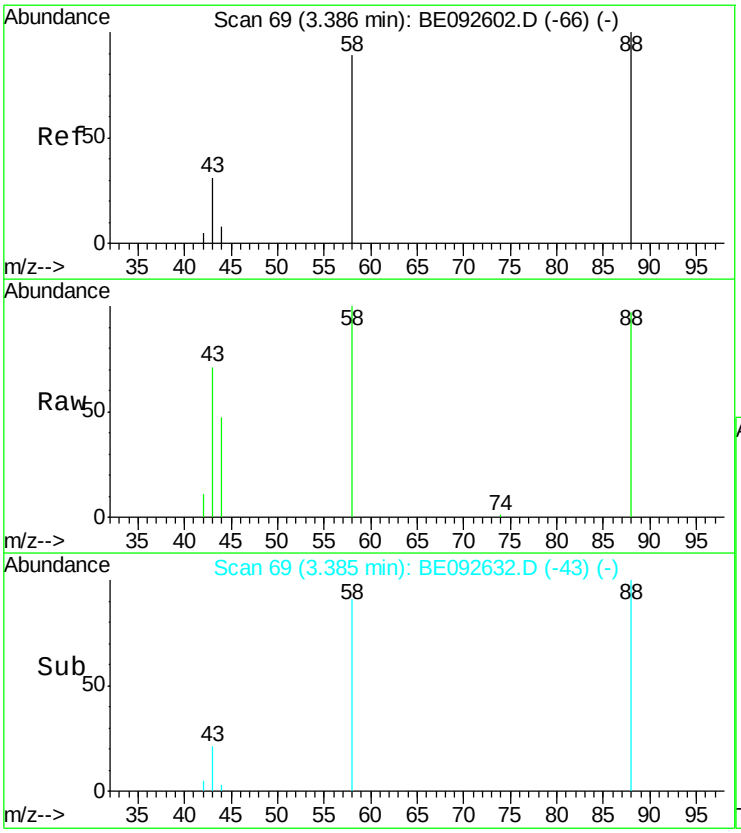
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:152 Resp: 10501

Ion	Ratio	Lower	Upper
152	100		
150	163.2	106.0	159.0#
115	66.7	31.2	46.8#

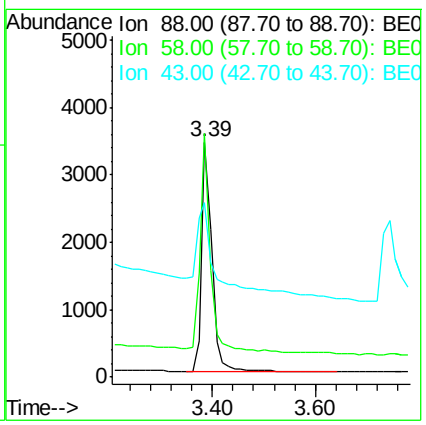


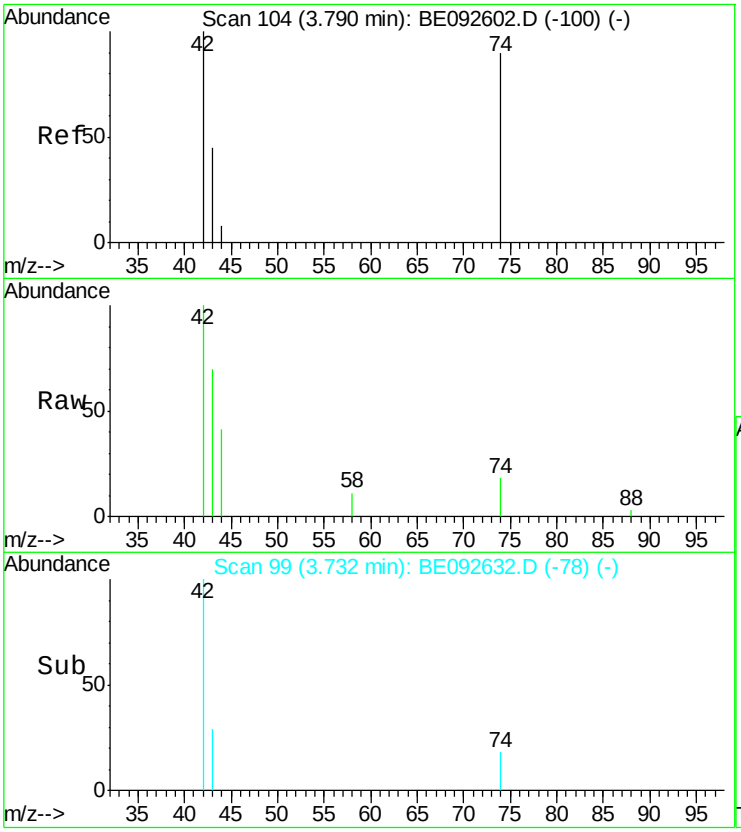


#2
1,4-Dioxane
Concen: 3.90 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion: 88 Resp: 4712

Ion	Ratio	Lower	Upper
88	100		
58	100.4	63.6	95.4#
43	84.8	28.0	42.0#



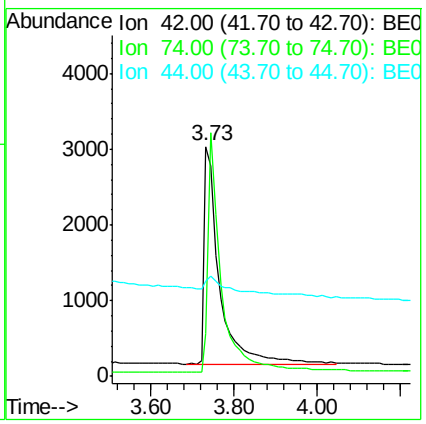


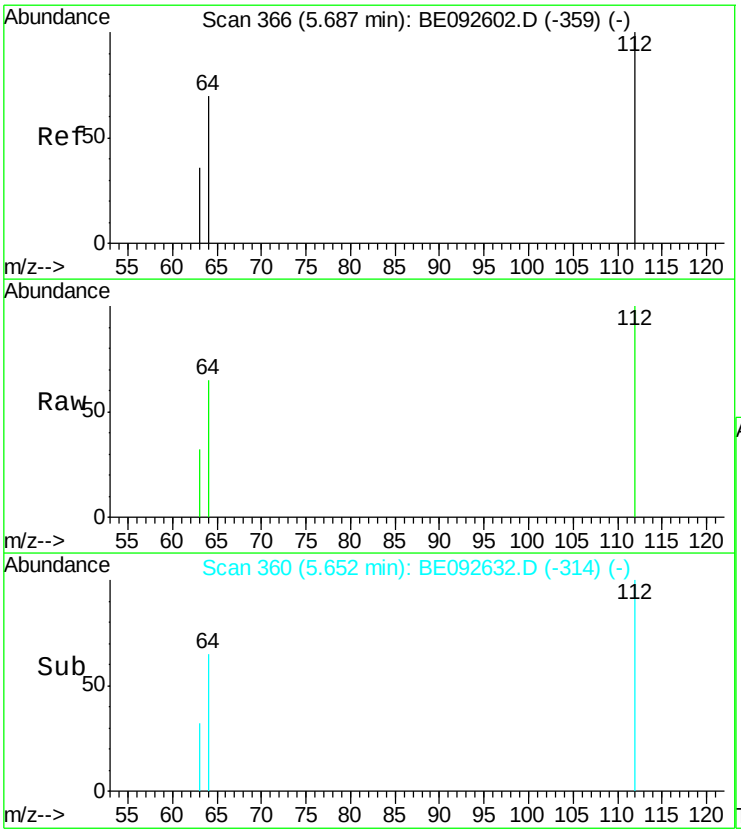
#3
n-Nitrosodimethylamine
Concen: 4.21 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.06 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion: 42 Resp: 7353

Ion	Ratio	Lower	Upper
42	100		
74	98.3	86.0	129.0
44	21.0	5.1	7.7#

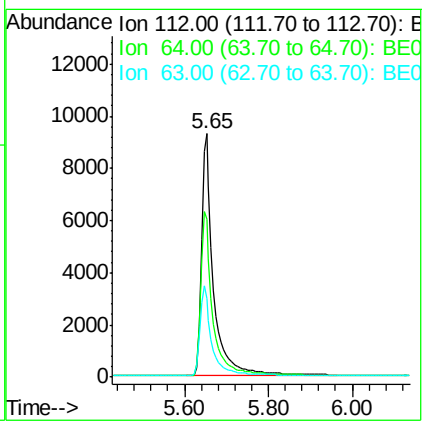


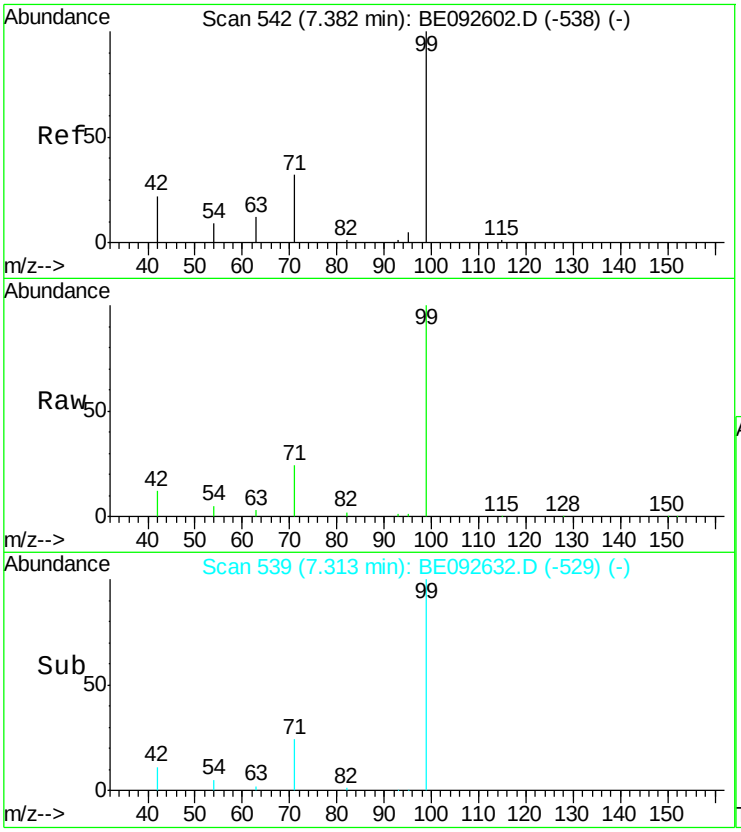


#4
2-Fluorophenol
Concen: 9.40 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.03 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:112 Resp: 19161

Ion	Ratio	Lower	Upper
112	100		
64	68.7	53.5	80.3
63	37.0	27.9	41.9



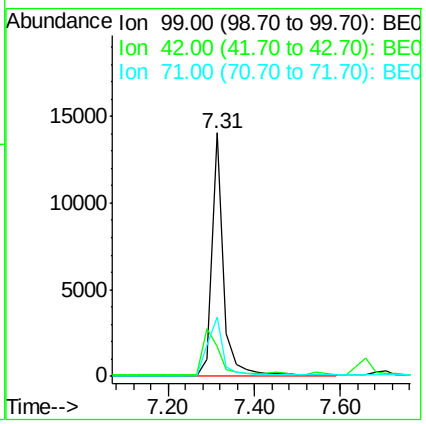


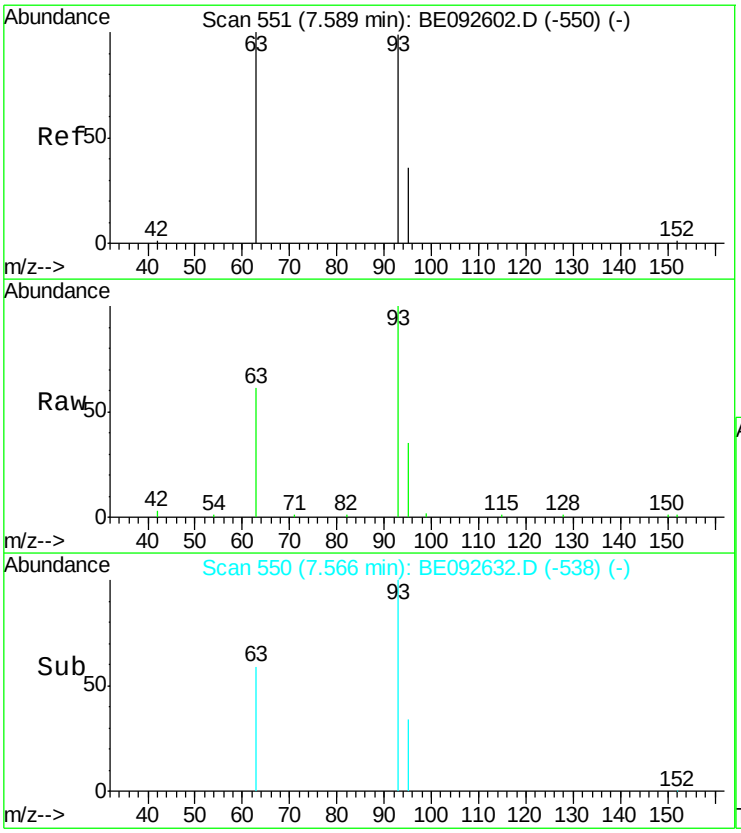
#5
Phenol-d6
Concen: 8.64 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion: 99 Resp: 26679

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	32.3	30.6	45.8

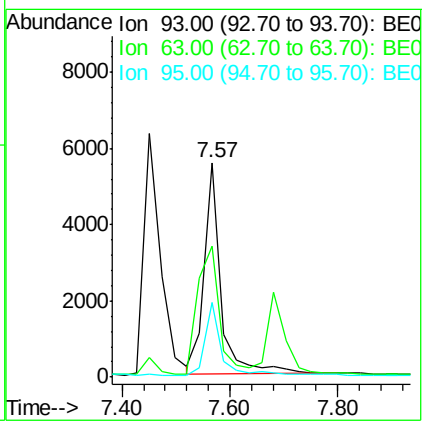


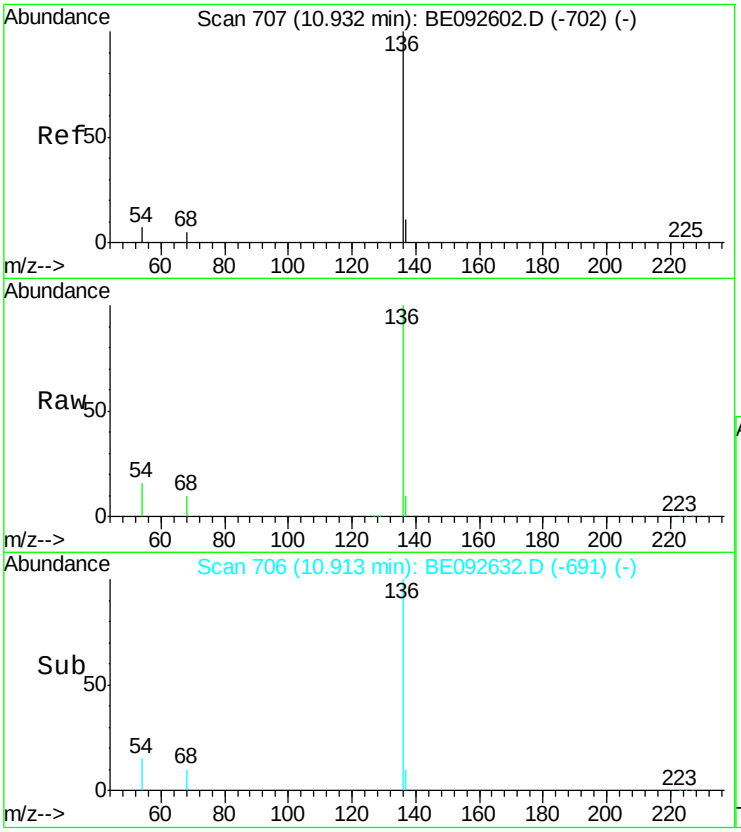


#6
bis(2-Chloroethyl)ether
Concen: 4.06 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion: 93 Resp: 12204

Ion	Ratio	Lower	Upper
93	100		
63	77.6	71.6	107.4
95	32.0	24.0	36.0



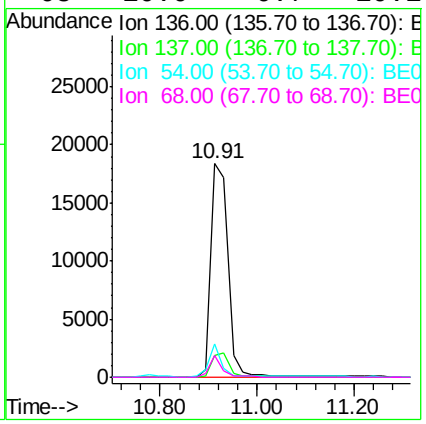


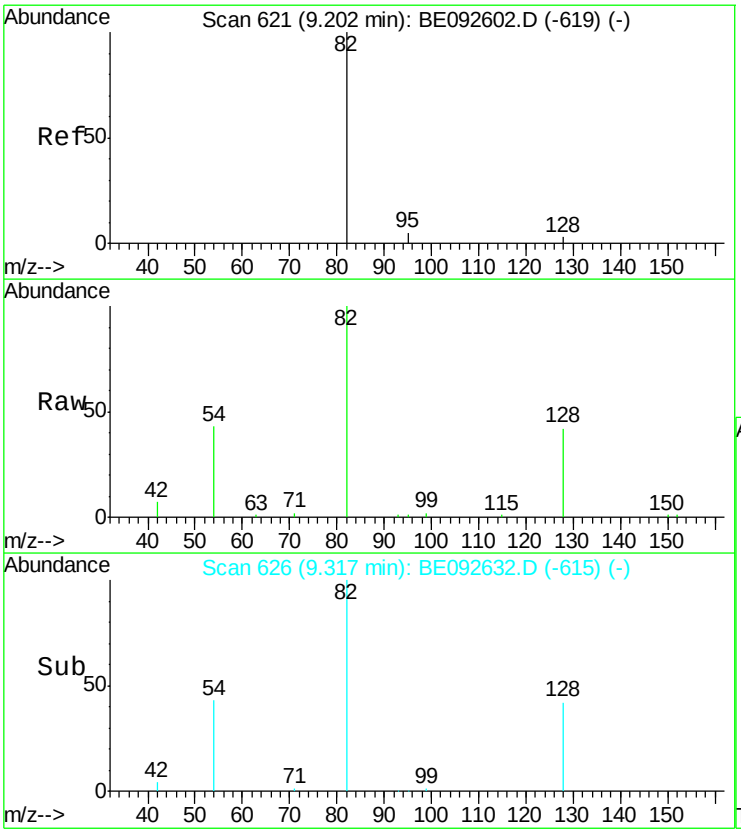
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:136 Resp: 44951

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.2	12.4
54	15.7	9.6	14.4#
68	10.0	6.7	10.1

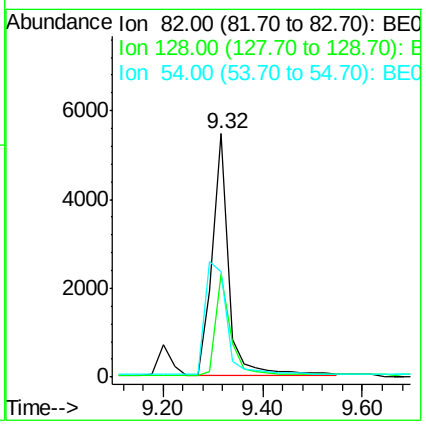


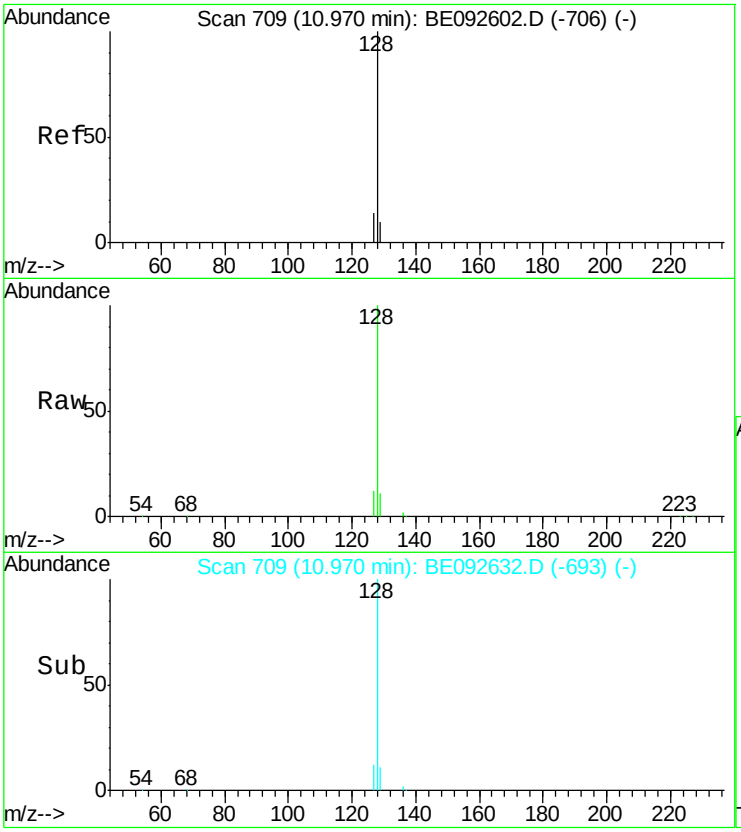


#8
Nitrobenzene-d5
Concen: 4.00 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion: 82 Resp: 12315

Ion	Ratio	Lower	Upper
82	100		
128	42.1	39.0	58.4
54	43.4	44.8	67.2#



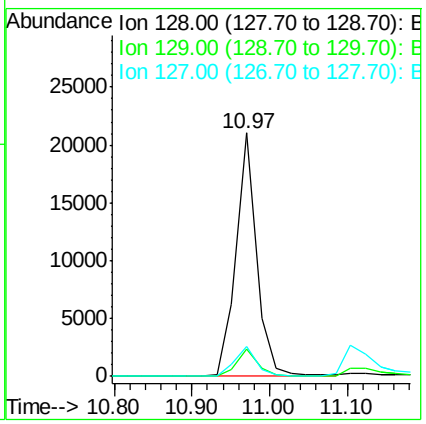


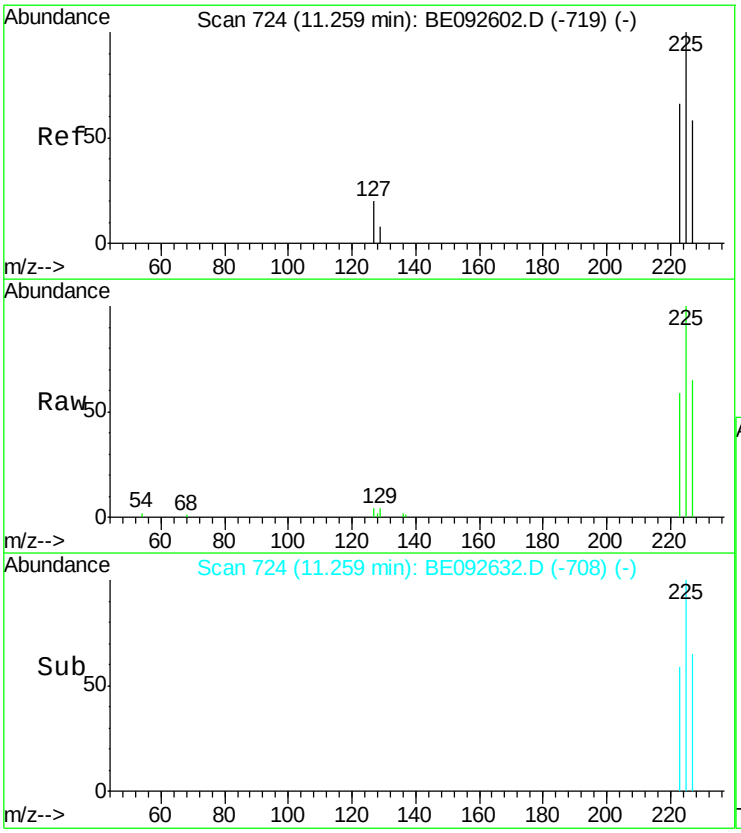
#9
Naphthalene
Concen: 4.18 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:128 Resp: 38575

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.2	16.8
127	12.4	11.6	17.4

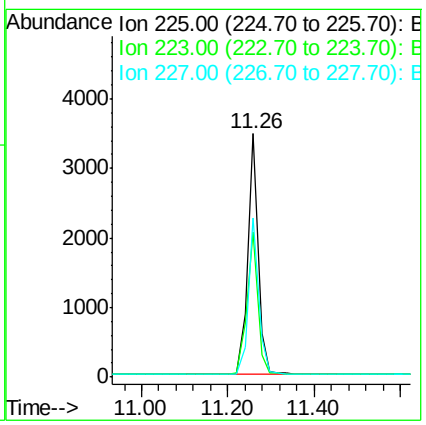


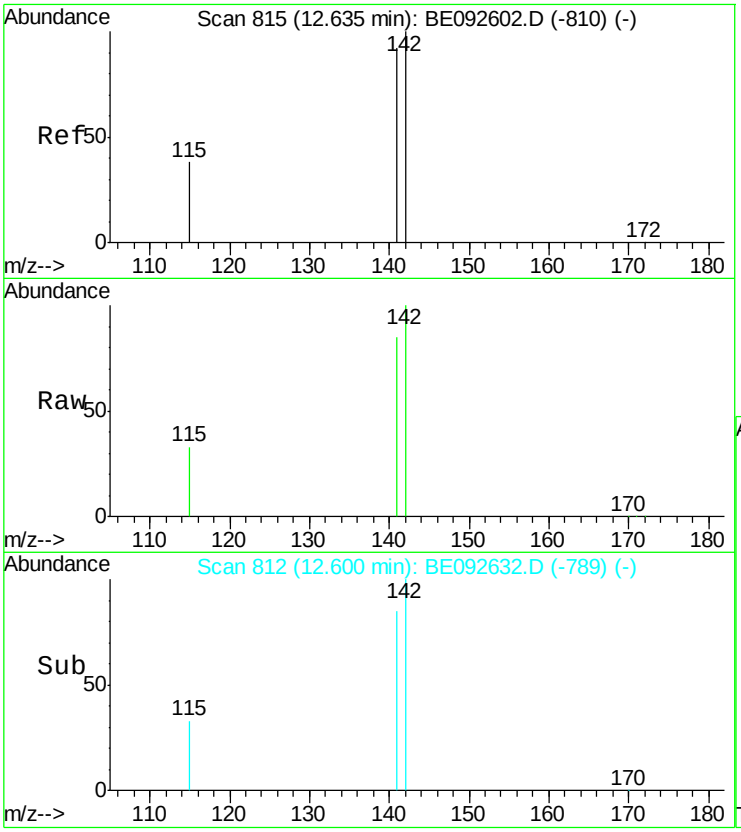


#10
Hexachlorobutadiene
Concen: 4.10 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:225 Resp: 5748

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.6	76.0
227	63.9	51.4	77.0



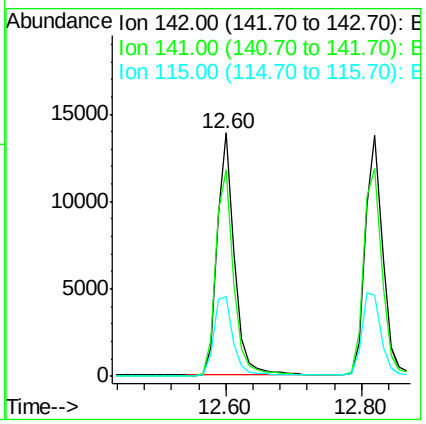


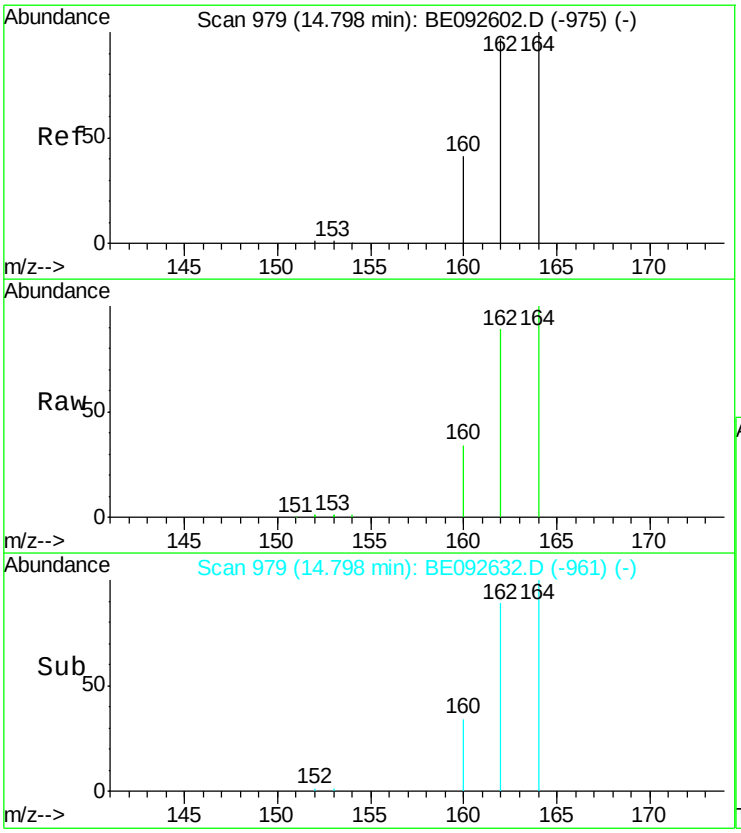
#11
2-Methylnaphthalene
Concen: 4.25 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:142 Resp: 24963

Ion	Ratio	Lower	Upper
142	100		
141	84.6	73.7	110.5
115	32.7	34.0	51.0#

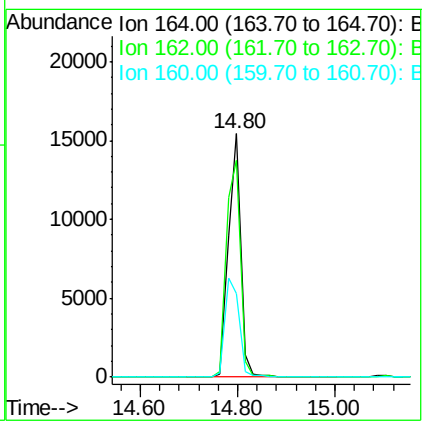


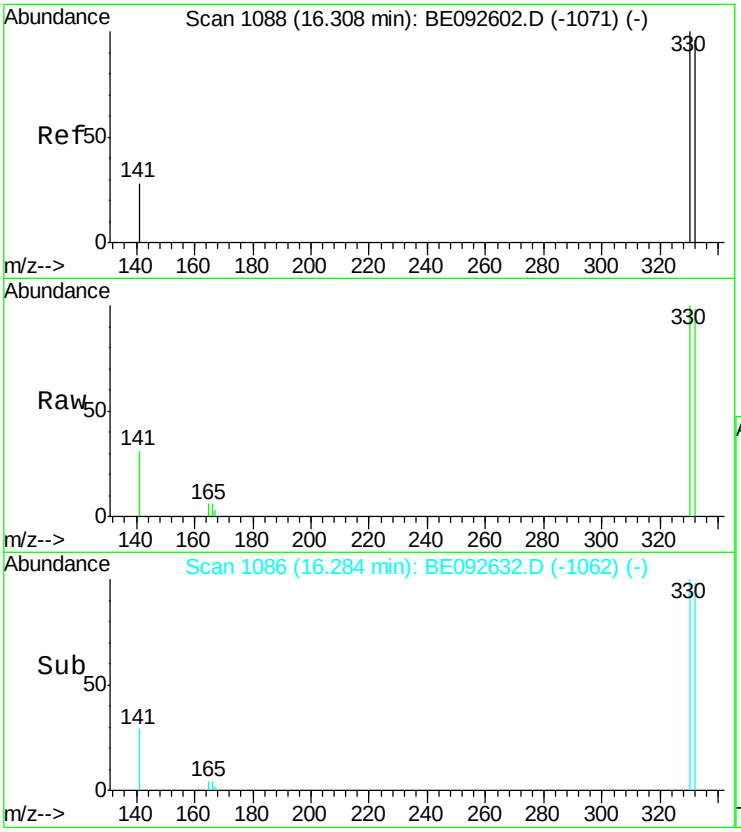


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:164 Resp: 26678

Ion	Ratio	Lower	Upper
164	100		
162	89.2	71.4	107.0
160	34.3	27.4	41.2



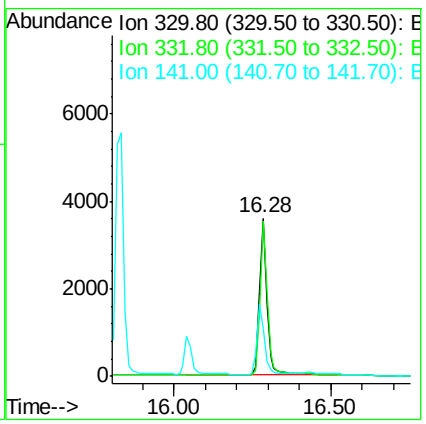


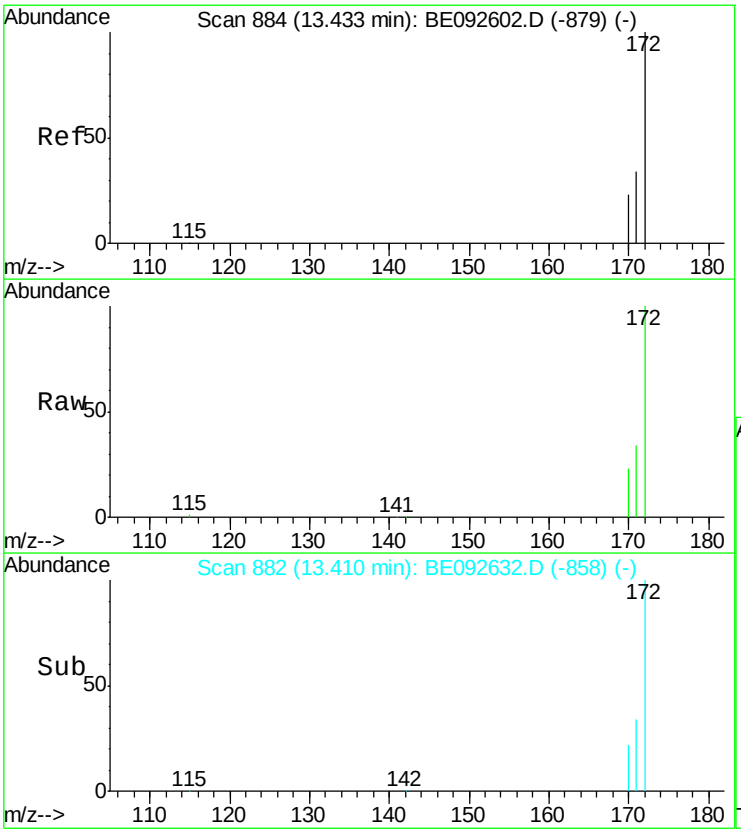
#13
2,4,6-Tribromophenol
Concen: 7.33 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:330 Resp: 5636

Ion	Ratio	Lower	Upper
330	100		
332	97.3	75.4	113.0
141	45.1	31.0	46.6

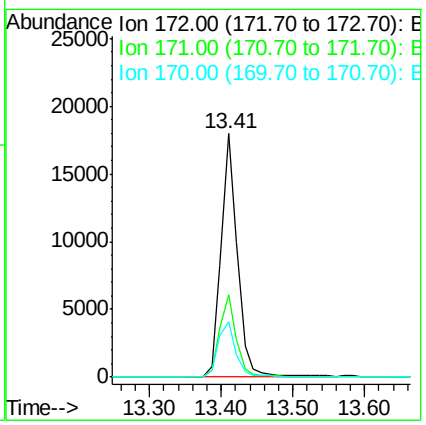


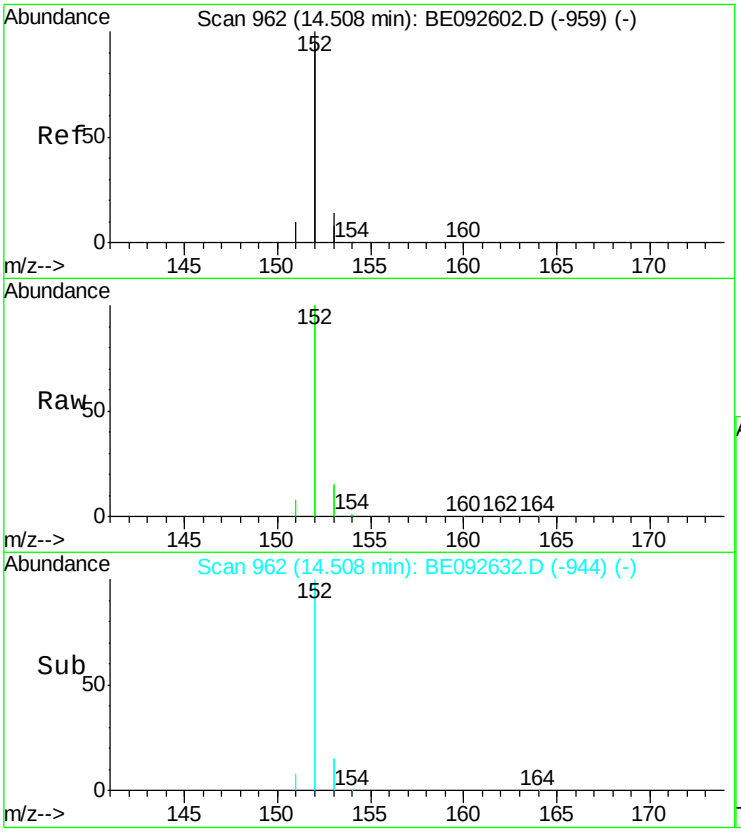


#14
2-Fluorobiphenyl
Concen: 4.41 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:172 Resp: 28125

Ion	Ratio	Lower	Upper
172	100		
171	34.1	30.1	45.1
170	22.6	21.8	32.6



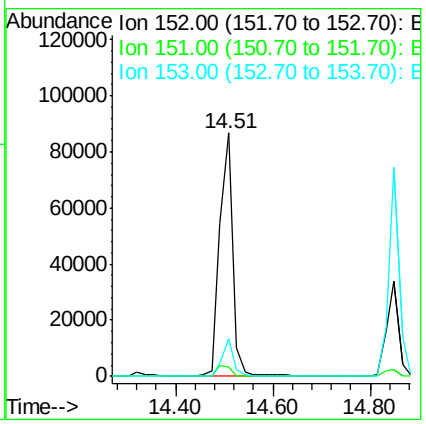


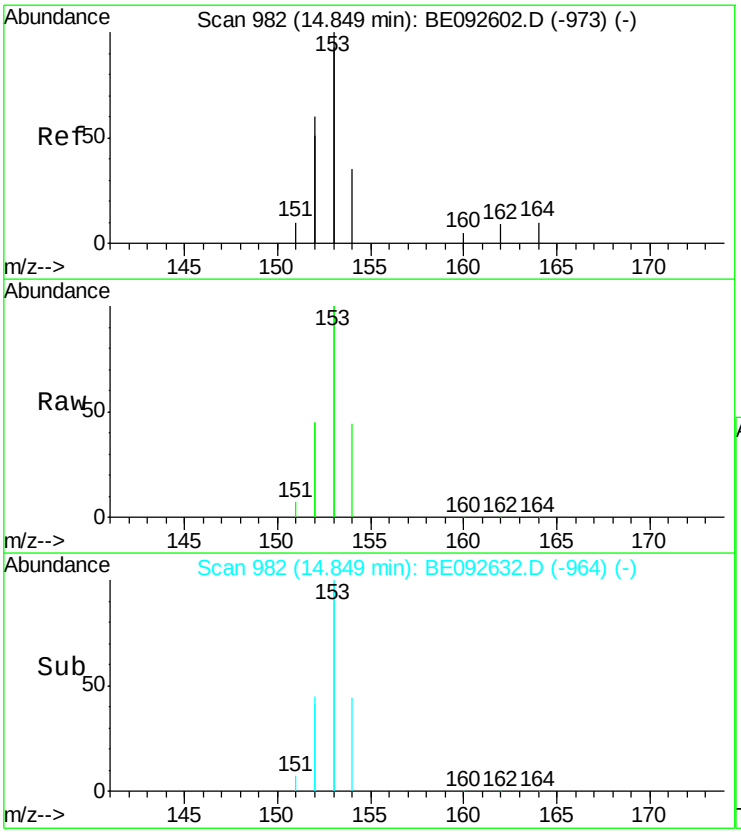
#15
Acenaphthylene
Concen: 4.33 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:152 Resp: 159534

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

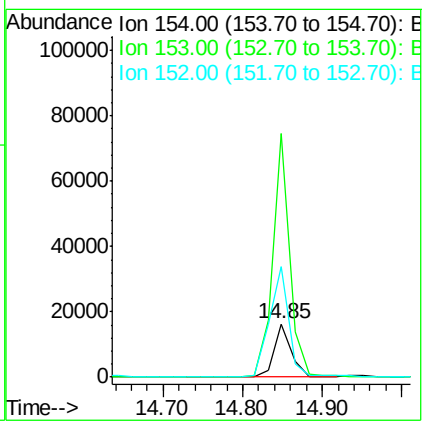


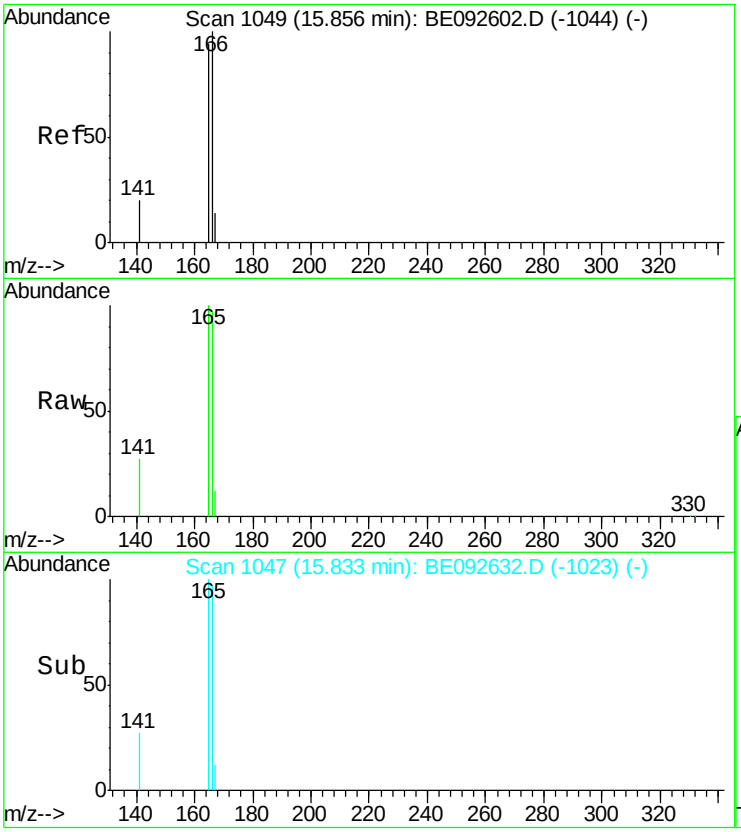


#16
Acenaphthene
Concen: 3.97 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:154 Resp: 24076

Ion	Ratio	Lower	Upper
154	100		
153	454.8	350.8	526.2
152	231.1	171.1	256.7



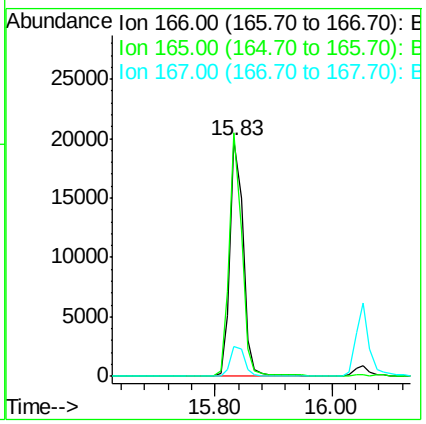


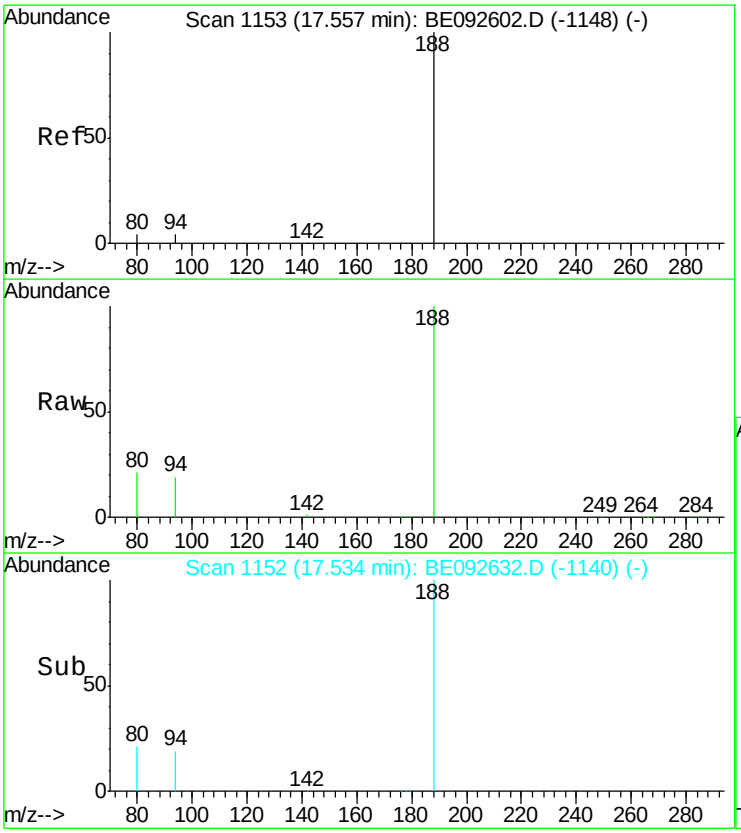
#17
Fluorene
Concen: 4.13 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:166 Resp: 30796

Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.2	117.4
167	13.5	11.0	16.4

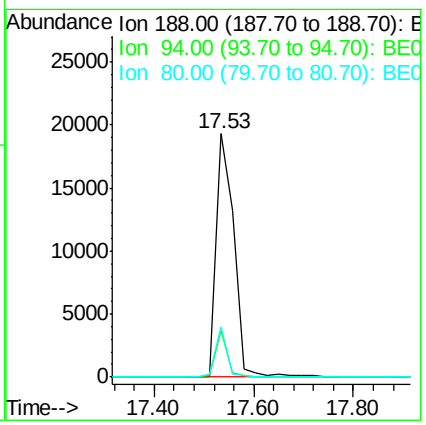


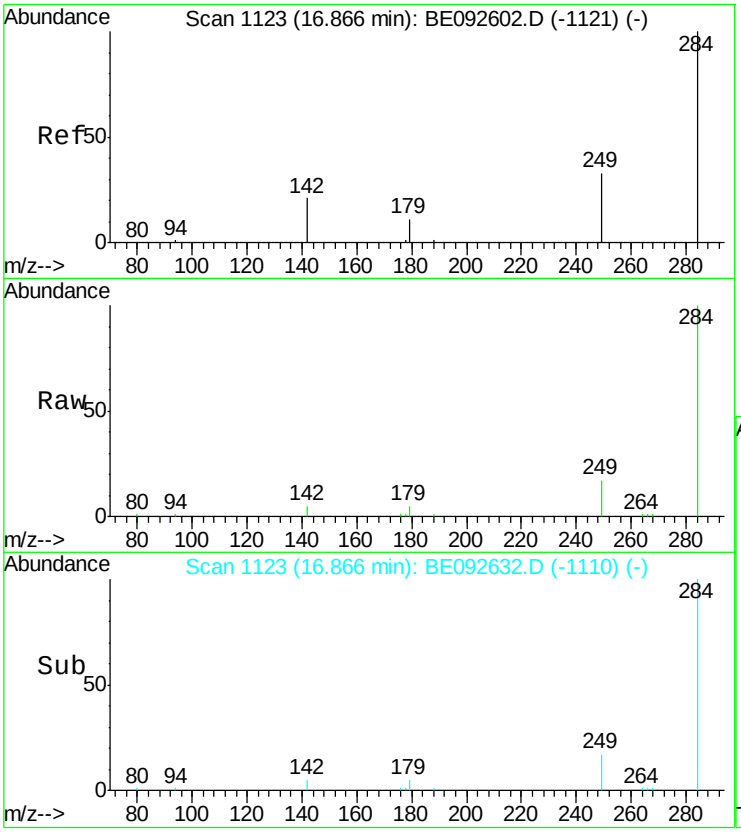


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:188 Resp: 46664

Ion	Ratio	Lower	Upper
188	100		
94	19.3	3.2	4.8#
80	20.8	2.6	3.8#



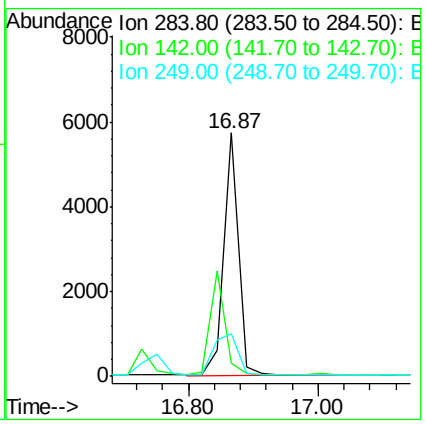


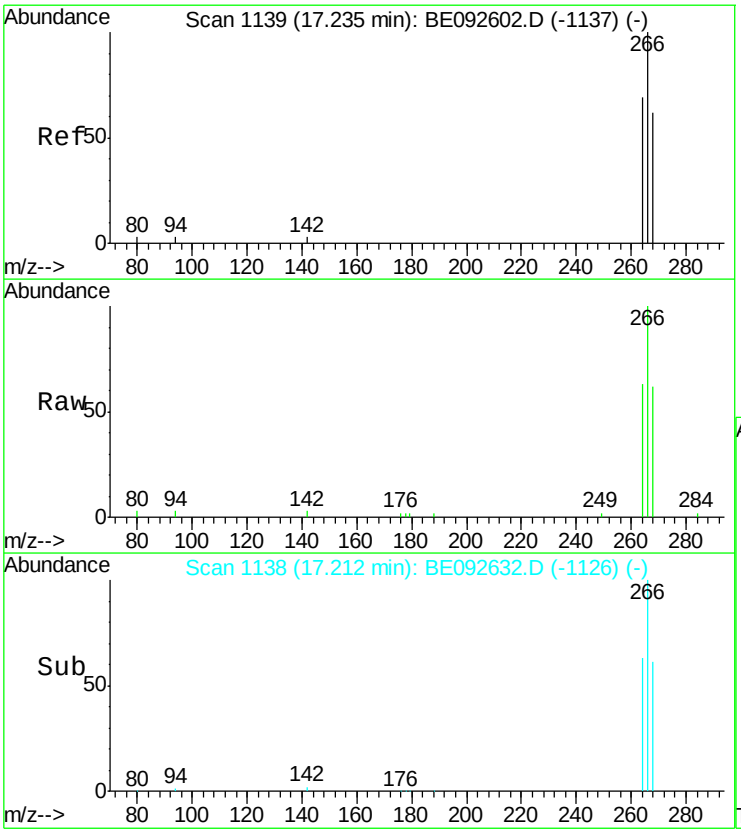
#19
Hexachlorobenzene
Concen: 4.58 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:284 Resp: 9138

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	28.3	27.9	41.9

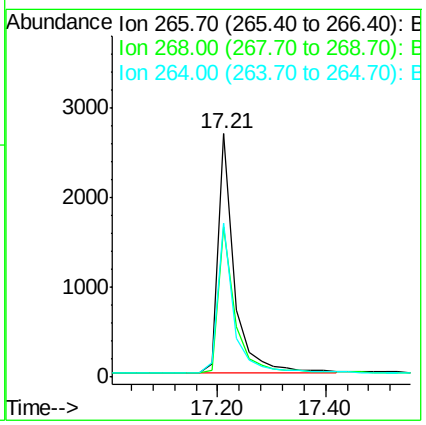


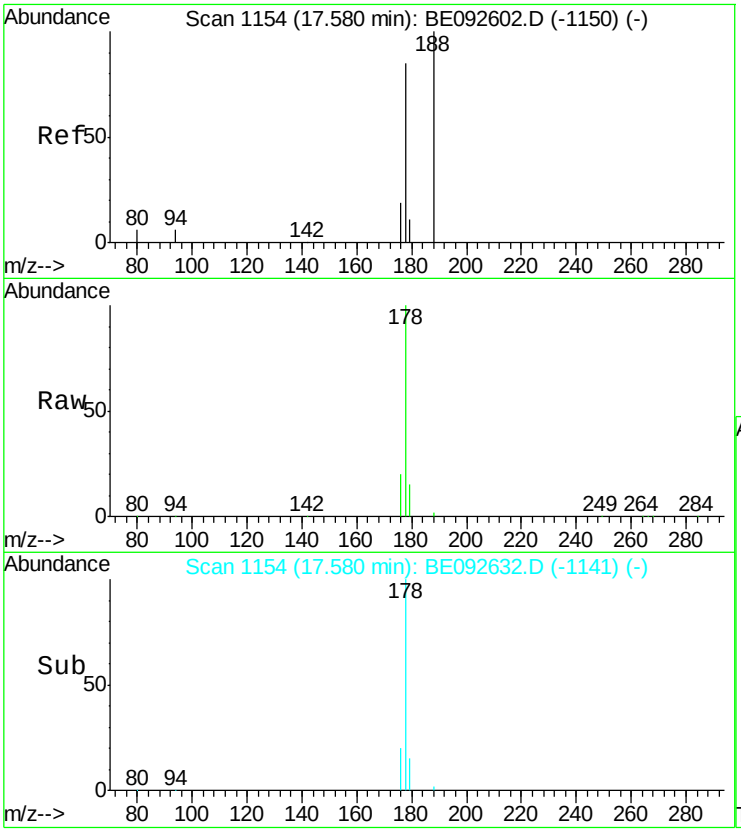


#20
Pentachlorophenol
Concen: 6.68 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:266 Resp: 5630

Ion	Ratio	Lower	Upper
266	100		
268	61.7	62.5	93.7#
264	63.3	57.2	85.8



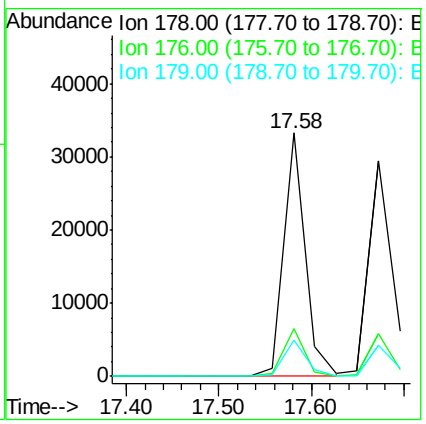


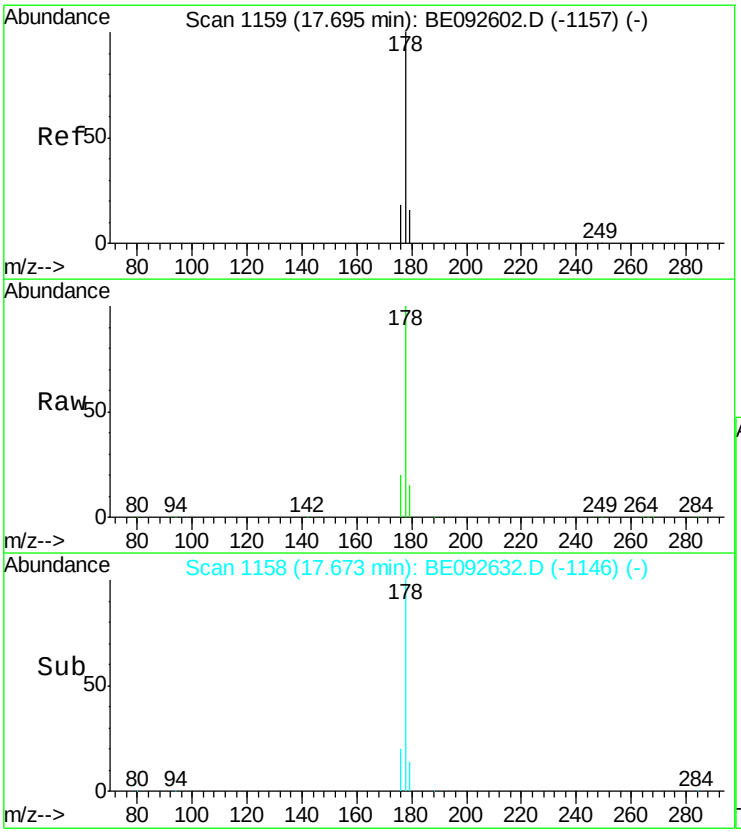
#21
Phenanthrene
Concen: 4.54 ng
RT: 17.58 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:178 Resp: 53454

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	16.0	24.0#

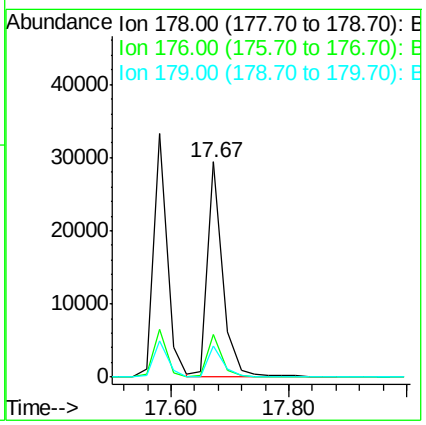


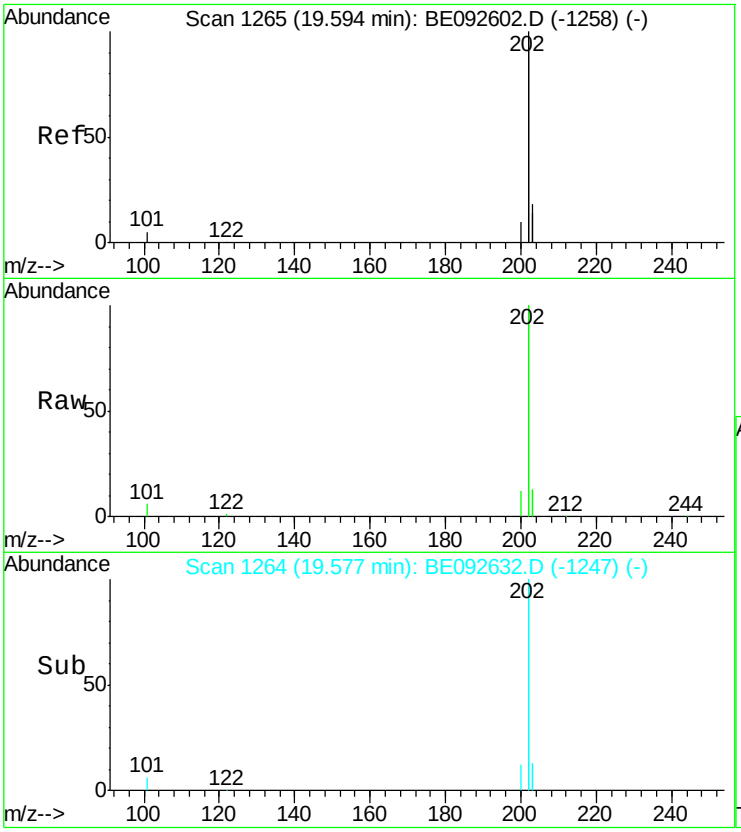


#22
Anthracene
Concen: 4.84 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:178 Resp: 52052

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.4
179	15.1	12.2	18.2



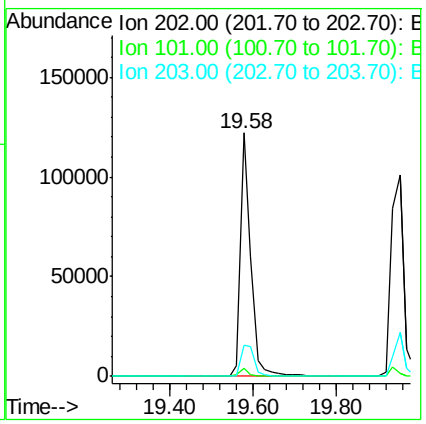


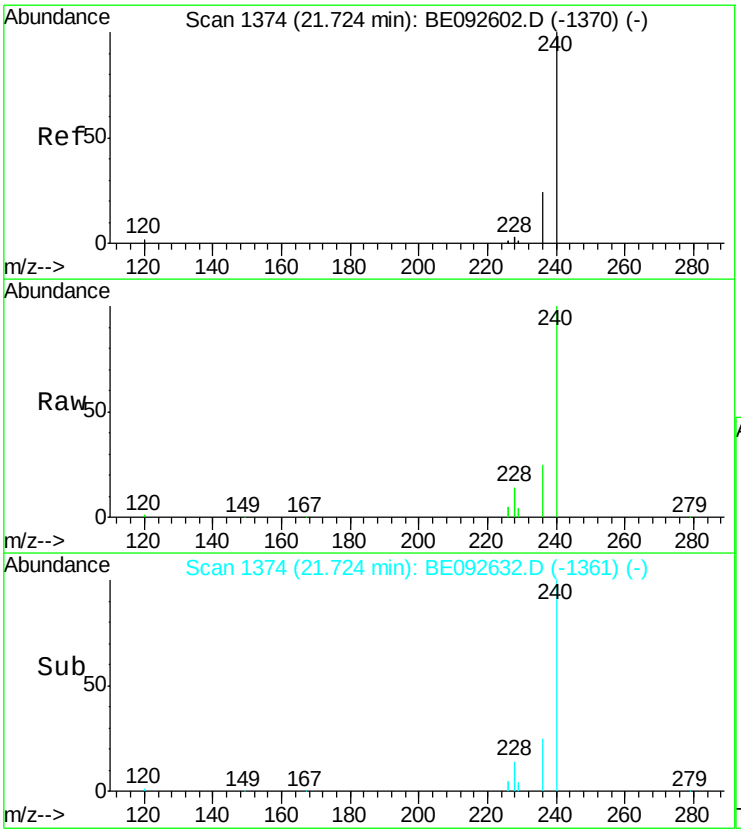
#23
Fluoranthene
Concen: 4.09 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:202 Resp: 208114

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.1	13.7	20.5

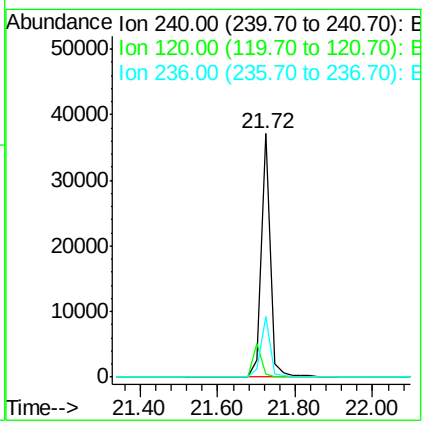


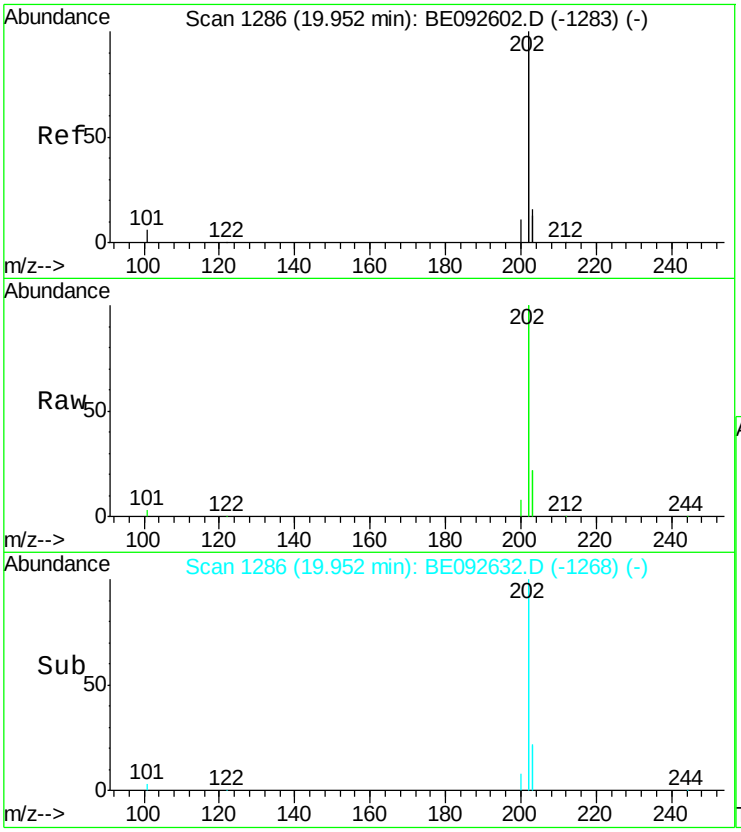


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:240 Resp: 58493

Ion	Ratio	Lower	Upper
240	100		
120	1.2	2.6	4.0#
236	24.6	24.6	37.0#



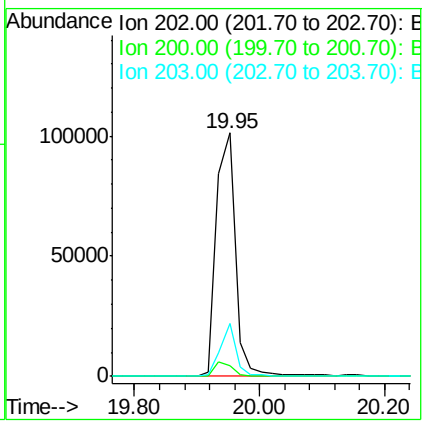


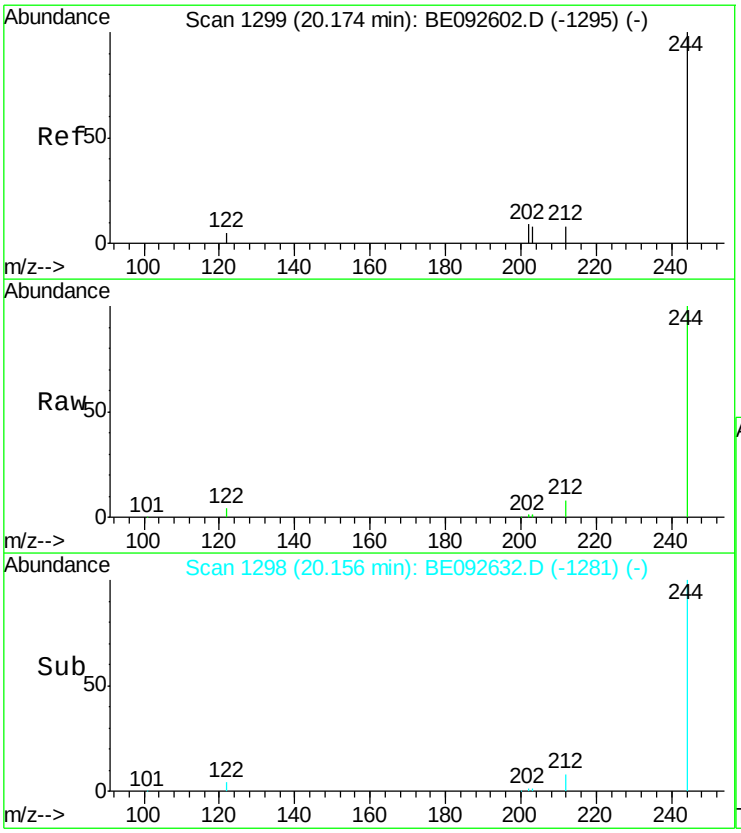
#25
Pyrene
Concen: 4.12 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:202 Resp: 212323

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.8	13.9	20.9

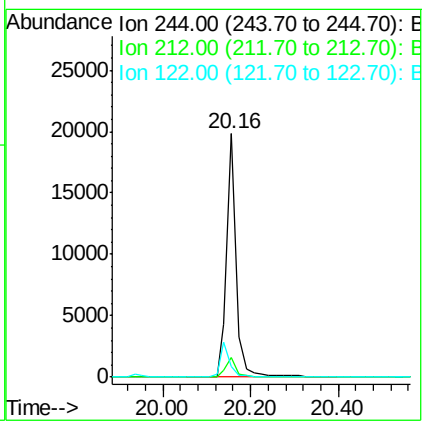


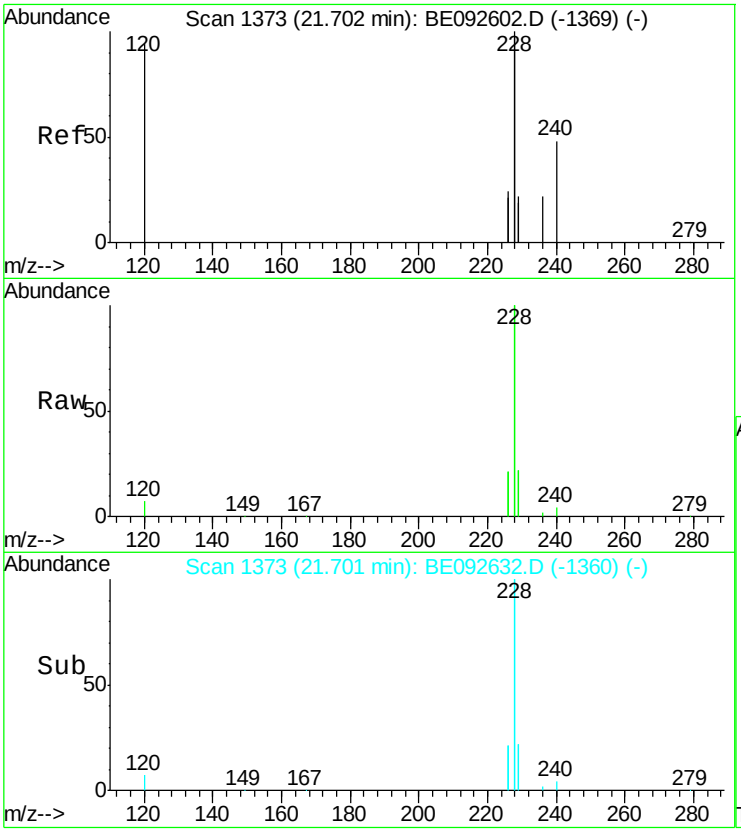


#26
Terphenyl-d14
Concen: 4.09 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:244 Resp: 29350

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	4.2	3.6	5.4



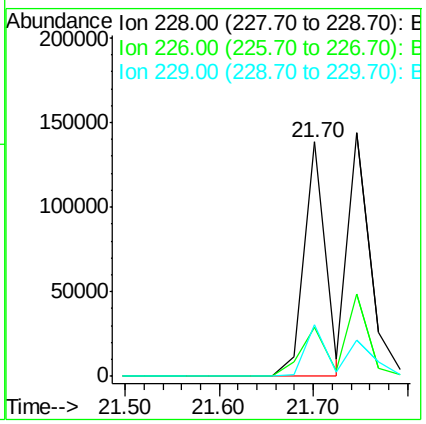


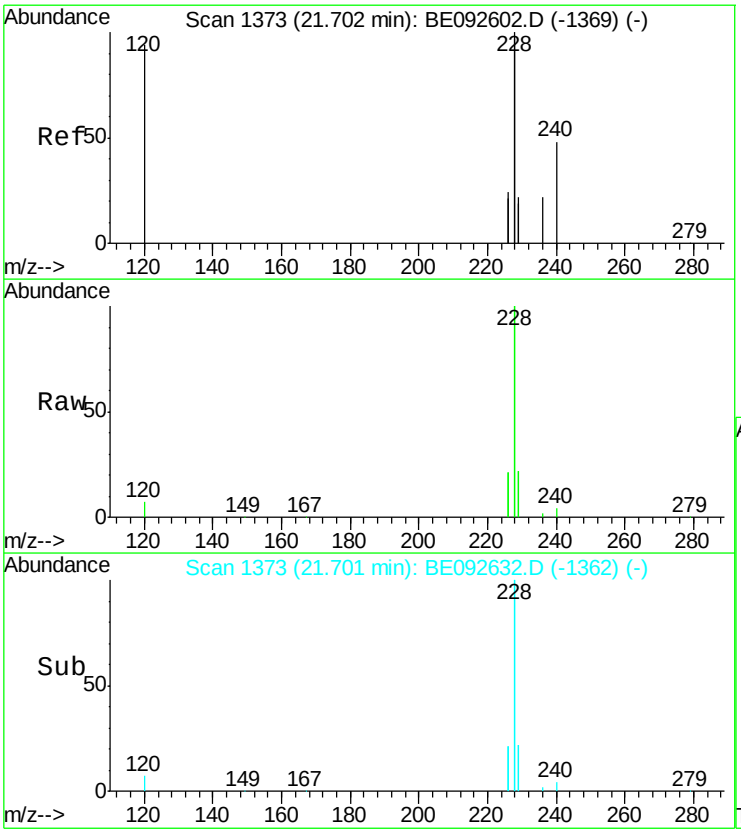
#27
Benzo(a)anthracene
Concen: 4.15 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:228 Resp: 217759

Ion	Ratio	Lower	Upper
228	100		
226	21.0	23.6	35.4#
229	22.1	13.3	19.9#

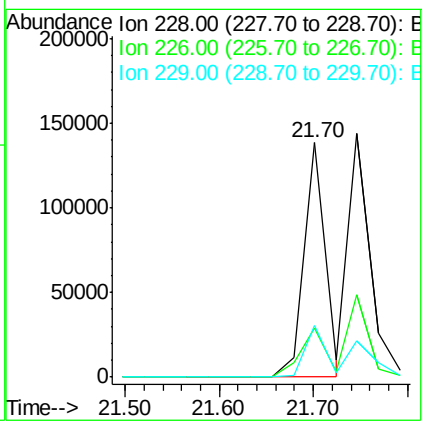


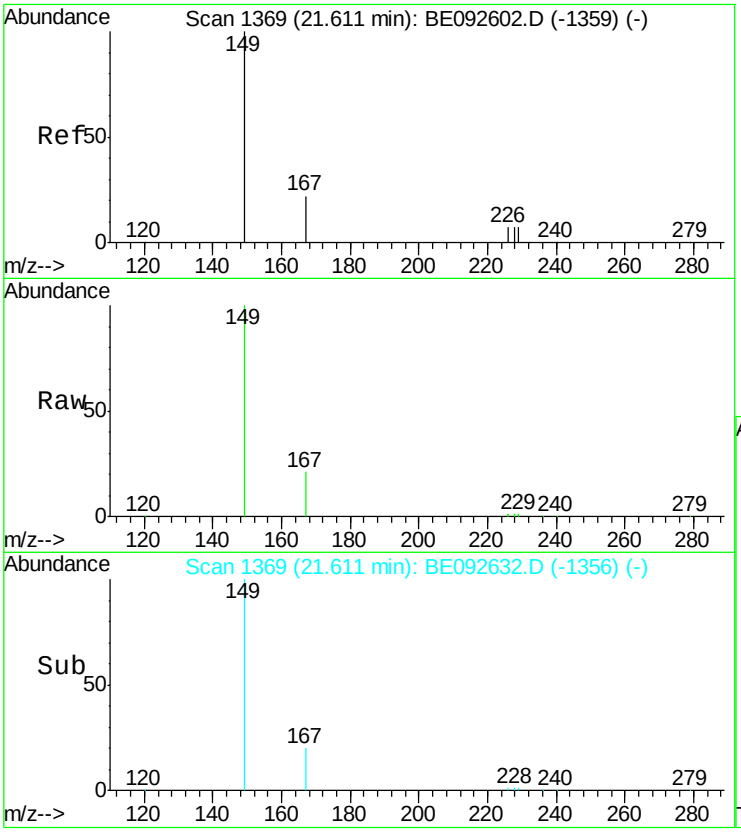


#28
Chrysene
Concen: 3.58 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:228 Resp: 217759

Ion	Ratio	Lower	Upper
228	100		
226	21.0	36.3	54.5#
229	22.1	10.6	16.0#



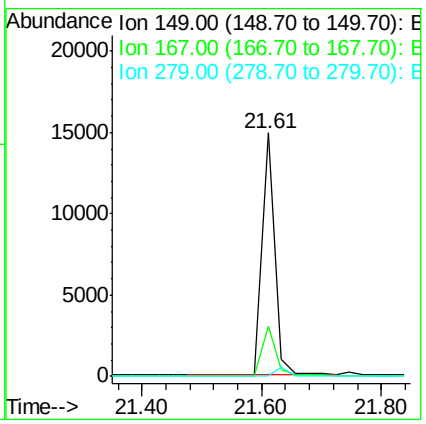


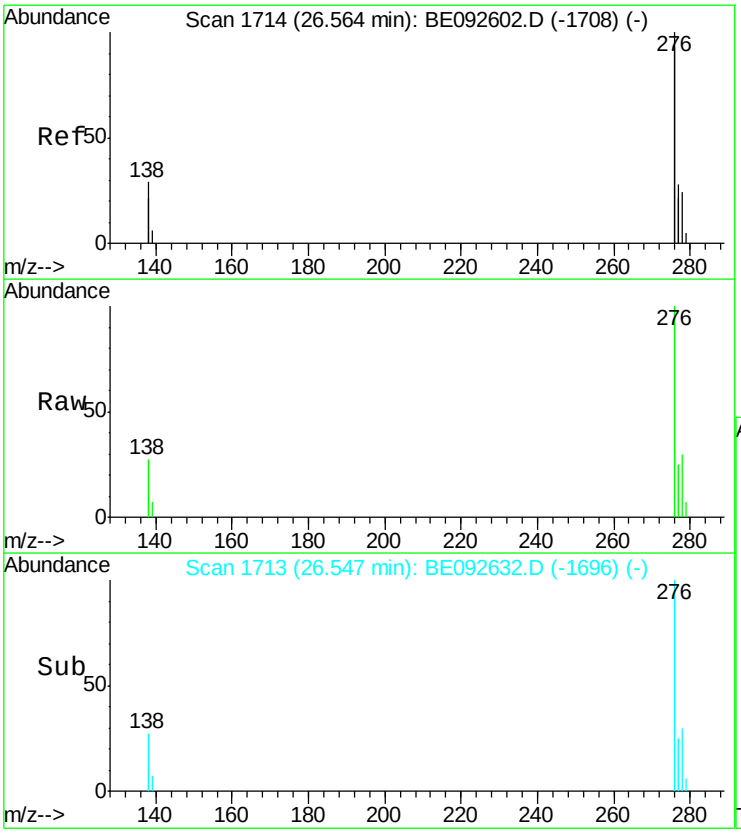
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.10 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:149 Resp: 22005

Ion	Ratio	Lower	Upper
149	100		
167	21.7	16.0	24.0
279	0.0	16.0	24.0#

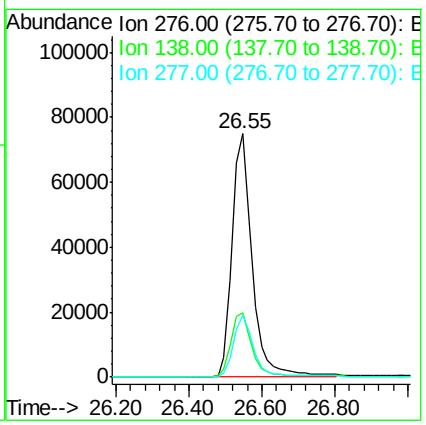


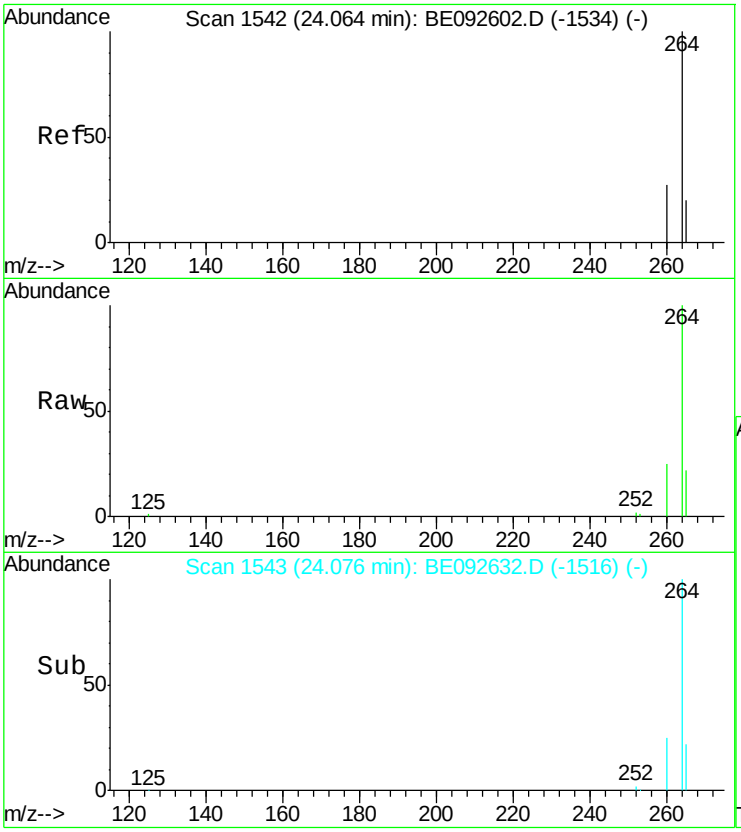


#30
Indeno(1,2,3-cd)pyrene
Concen: 5.09 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:276 Resp: 280197

Ion	Ratio	Lower	Upper
276	100		
138	27.8	20.3	30.5
277	24.9	19.7	29.5



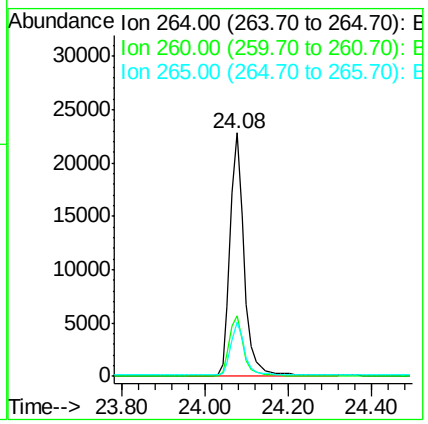


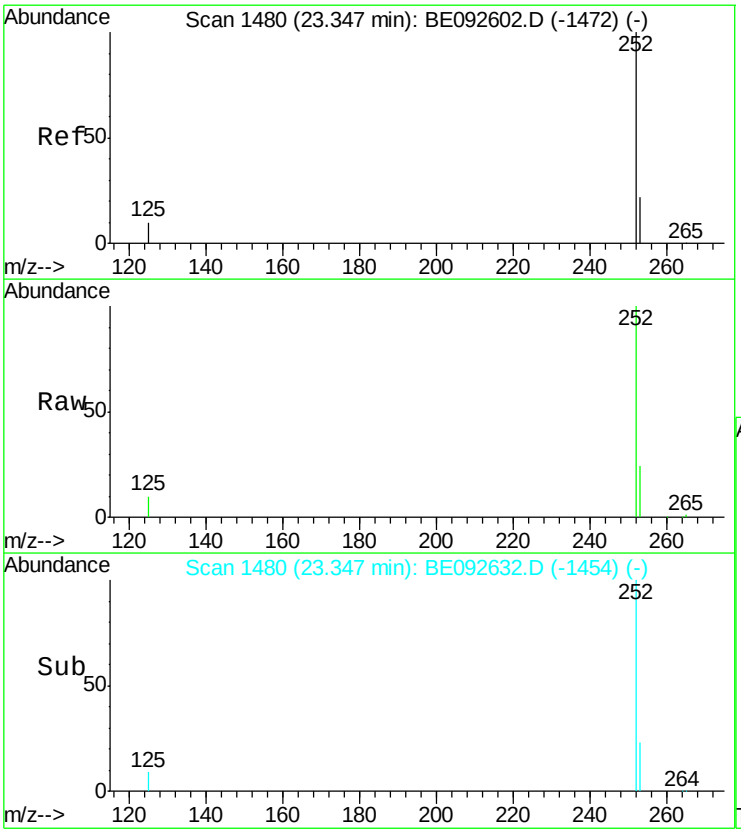
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:264 Resp: 53519

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.1	30.1
265	22.3	17.9	26.9

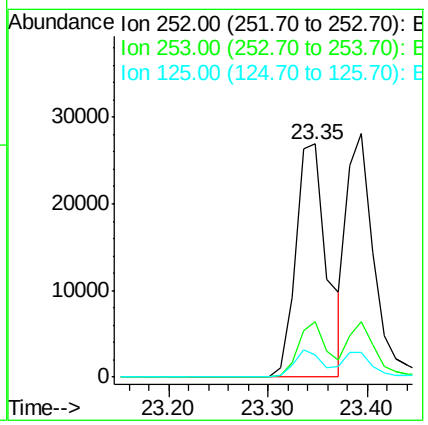


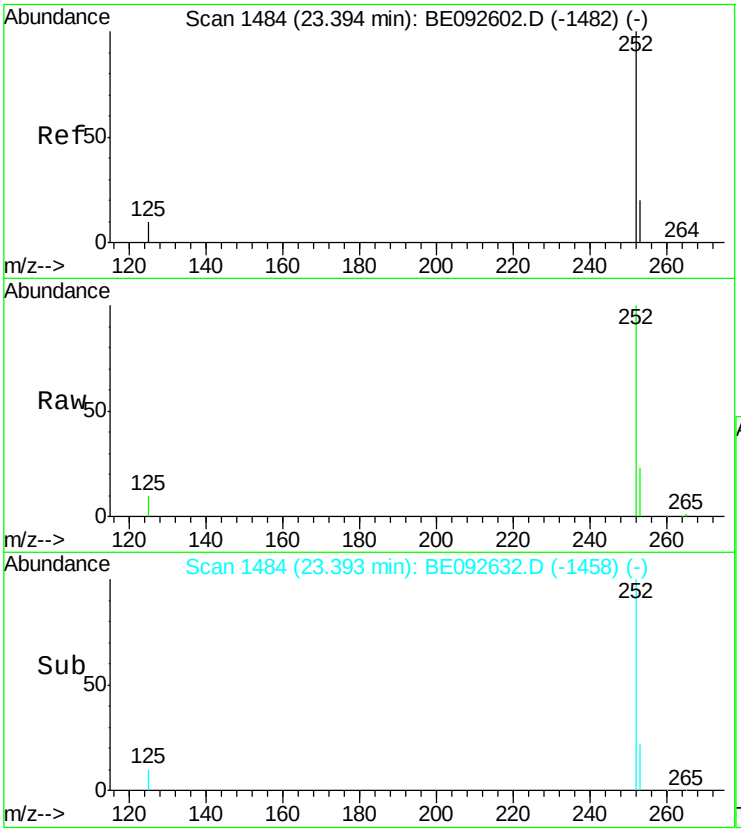


#32
Benzo(b)fluoranthene
Concen: 4.76 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:252 Resp: 58549

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.7	28.1
125	9.6	10.5	15.7#



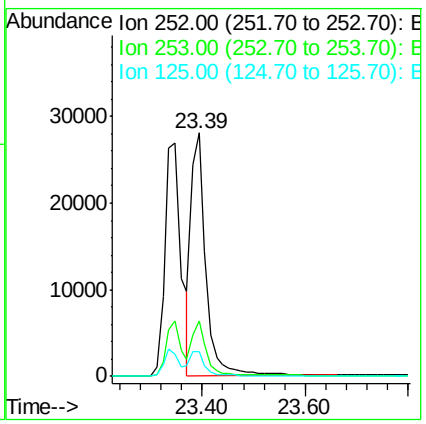


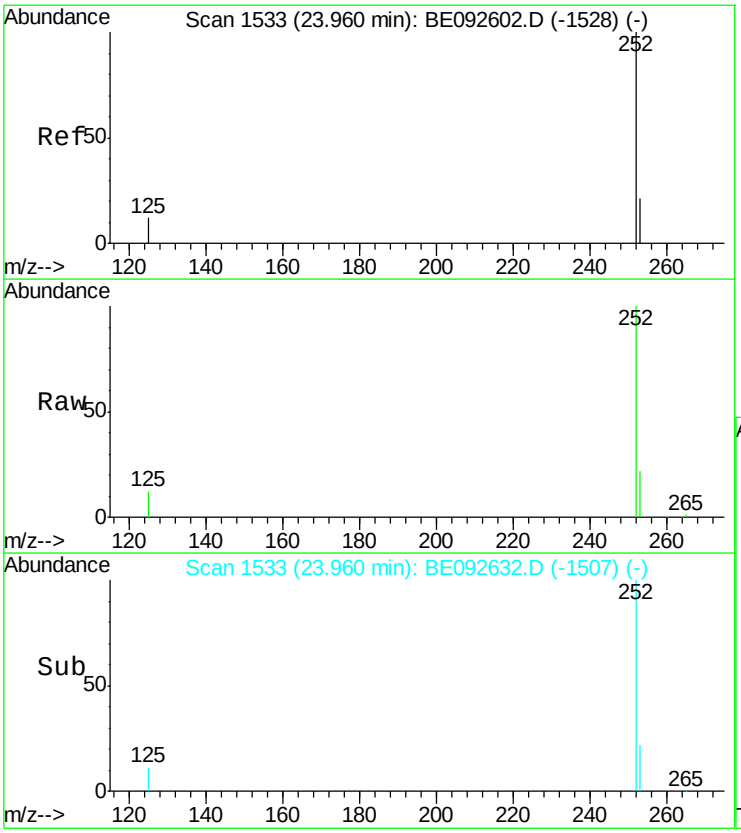
#33
Benzo(k)fluoranthene
Concen: 3.96 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:252 Resp: 54278

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.3	30.5
125	10.0	9.6	14.4

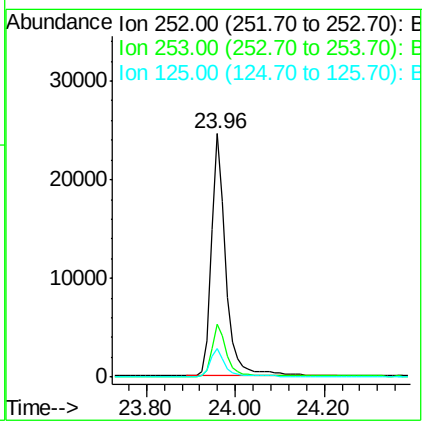


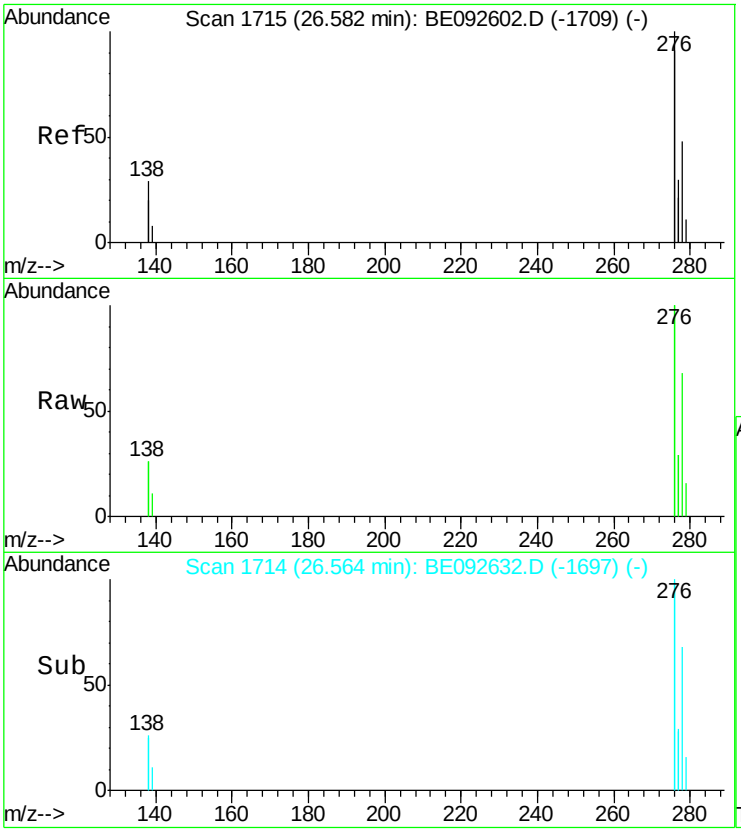


#34
Benzo(a)pyrene
Concen: 4.65 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:252 Resp: 55235

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.0	28.6
125	11.6	11.8	17.8#



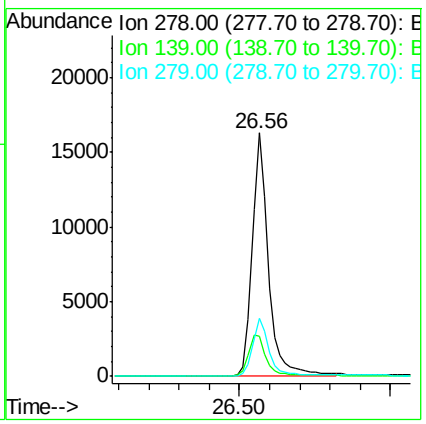


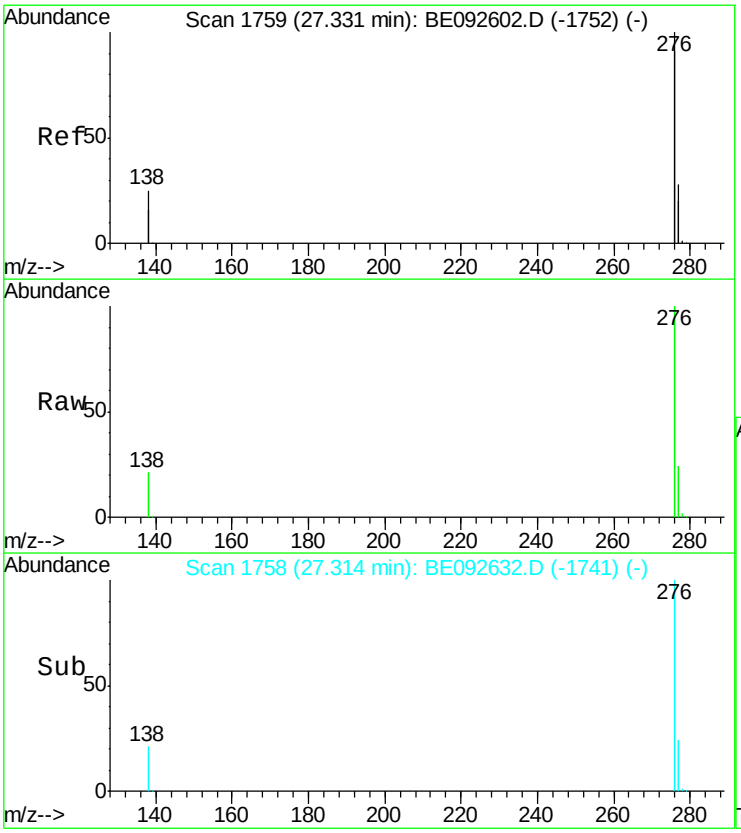
#35
Dibenzo(a,h)anthracene
Concen: 5.19 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Instrument :
BNA_E
ClientSampleId :
PB95799BS

Tgt Ion:278 Resp: 58552

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	23.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 5.06 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092632.D
Acq: 6 Jan 2017 15:01

Tgt Ion:276 Resp: 244659

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.8	29.8
138	21.3	19.8	29.6