Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
Data File : BE092582.D
Acq On : 1 Dec 2016 11:28
Operator : UM/SJ
Sample : PB94961BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB94961BS

Quant Time: Dec 02 01:00:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9907	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	45224	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	28126	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	52857	5.00	ng		0.00
24) Chrysene-d12	21.72	240	68689	5.00	ng		0.00
31) Perylene-d12	24.08	264	62152	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	16636	9.94	ng		-0.02
5) Phenol-d6	7.31	99	24343	8.71	ng		-0.05
8) Nitrobenzene-d5	9.32	82	11549	3.95	ng		-0.05
13) 2,4,6-Tribromophenol	16.28	330	5266	8.35	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	26232	3.83	ng		-0.02
26) Terphenyl-d14	20.16	244	31086	3.96	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4125	3.52	ng	#	59
3) n-Nitrosodimethylamine	3.73	42	6482	3.95	ng	#	92
6) bis(2-Chloroethyl)ether	7.56	93	11036	3.67	ng		88
9) Naphthalene	10.97	128	33877	3.63	ng	#	95
10) Hexachlorobutadiene	11.26	225	5081	3.58	ng		99
11) 2-Methylnaphthalene	12.60	142	22270	3.74	ng		96
15) Acenaphthylene	14.51	152	146191	3.73	ng		100
16) Acenaphthene	14.85	154	21899	3.43	ng		91
17) Fluorene	15.84	166	28426	3.59	ng		99
19) Hexachlorobenzene	16.87	284	8463	4.06	ng	#	66
20) Pentachlorophenol	17.21	266	5735	6.43	ng	#	87
21) Phenanthrene	17.58	178	47515	4.02	ng	#	94
22) Anthracene	17.67	178	45153	4.05	ng		98
23) Fluoranthene	19.59	202	196426	3.56	ng		99
25) Pyrene	19.95	202	205516	3.76	ng		99
27) Benzo(a)anthracene	21.70	228	441934	6.75	ng		96
28) Chrysene	21.70	228	443554	7.60	ng	#	76
29) Bis(2-ethylhexyl)phthalate	21.61	149	14256	3.24	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.55	276	289919	4.55	ng		98
32) Benzo(b)fluoranthene	23.35	252	54276	3.60	ng		96
33) Benzo(k)fluoranthene	23.39	252	56883	3.60	ng		93
34) Benzo(a)pyrene	23.97	252	55761	4.00	ng	#	95
35) Dibenzo(a,h)anthracene	26.56	278	60114	4.35	ng		93
36) Benzo(g,h,i)perylene	27.31	276	247288	4.23	ng		97

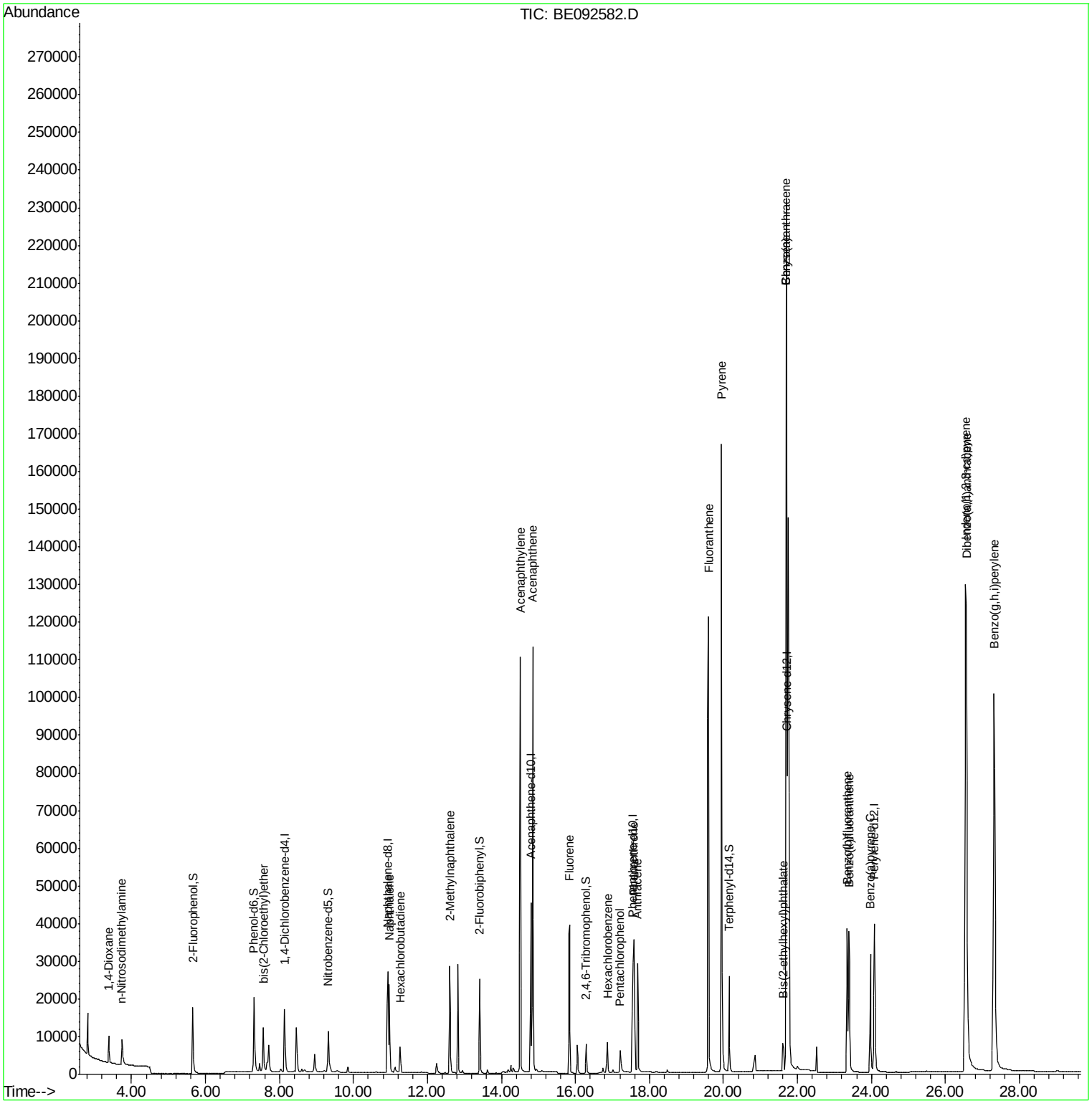
(#) = qualifier out of range (m) = manual integration (+) = signals summed

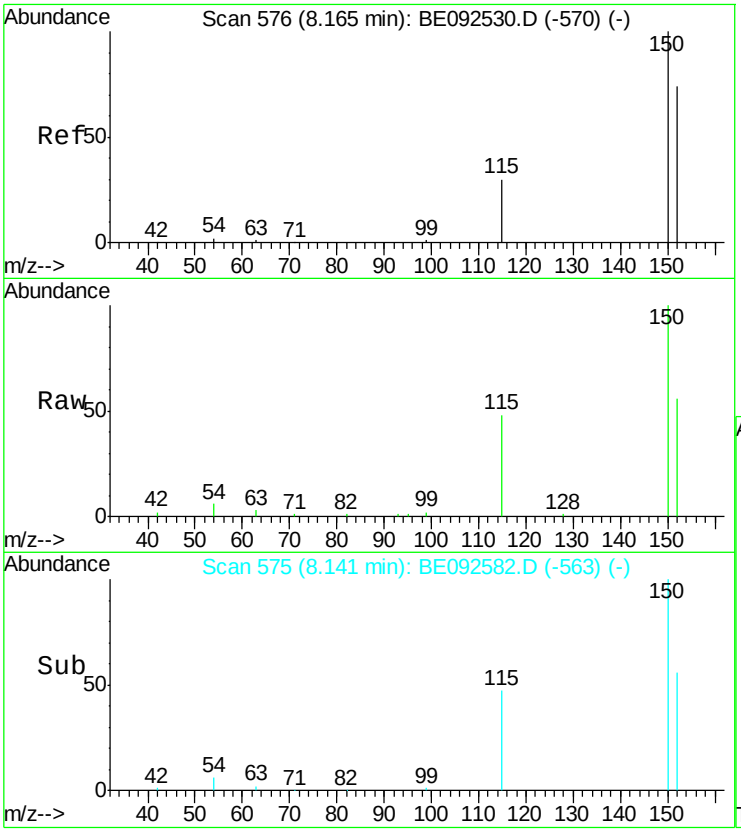
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE120116\
Data File : BE092582.D
Acq On : 1 Dec 2016 11:28
Operator : UM/SJ
Sample : PB94961BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Quant Time: Dec 02 01:00:05 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 15:43:18 2016
Response via : Initial Calibration



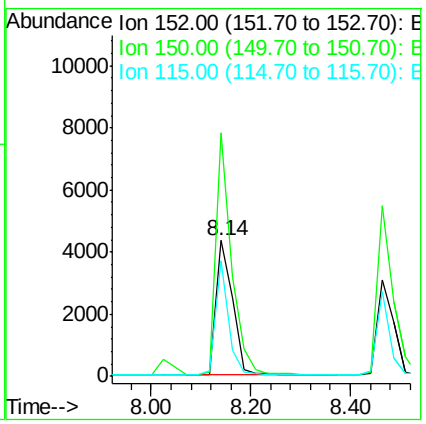


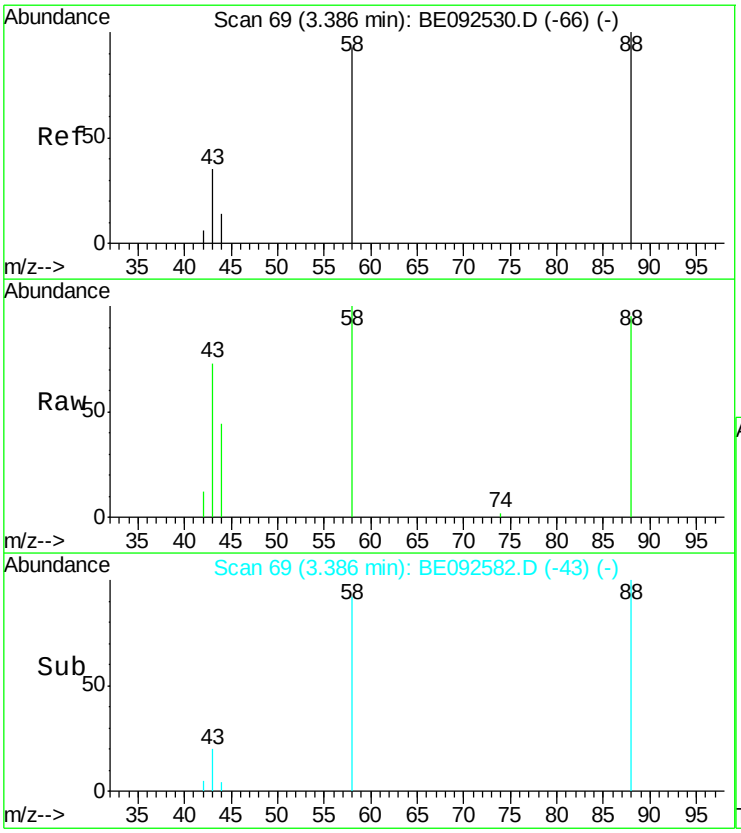
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:152 Resp: 9907

Ion	Ratio	Lower	Upper
152	100		
150	179.2	106.0	159.0#
115	85.5	31.2	46.8#

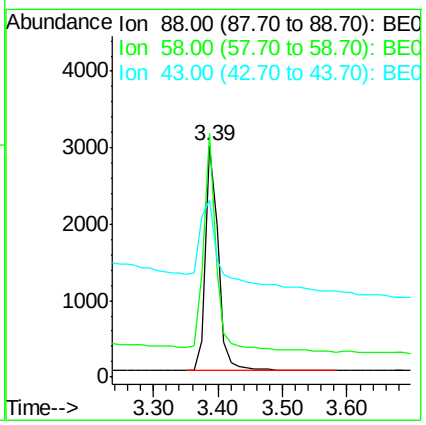


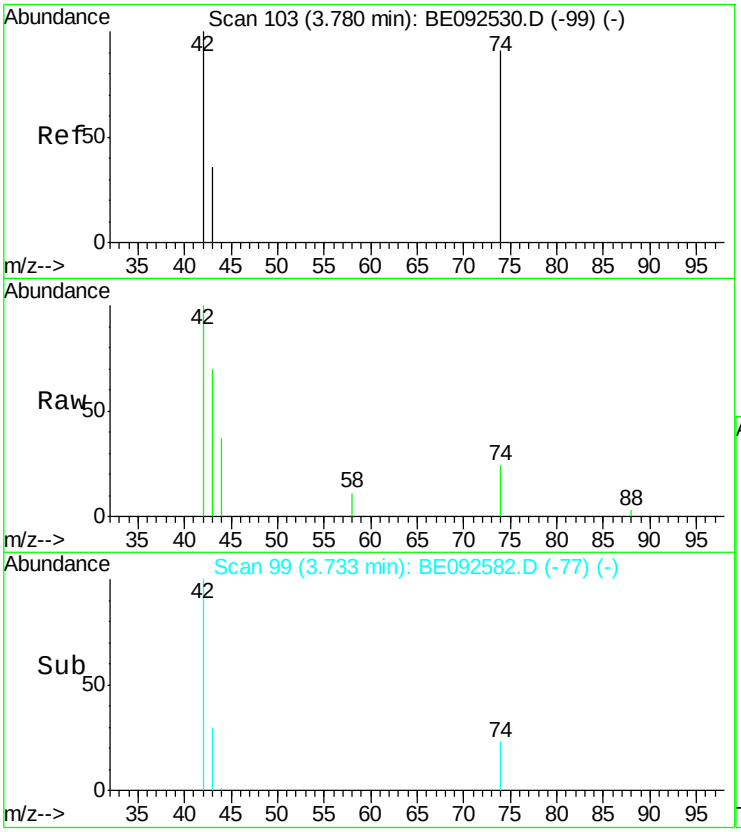


#2
1,4-Dioxane
Concen: 3.52 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion: 88 Resp: 4125

Ion	Ratio	Lower	Upper
88	100		
58	98.0	63.6	95.4#
43	85.4	28.0	42.0#



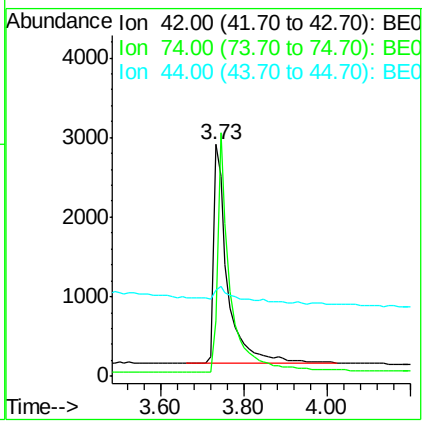


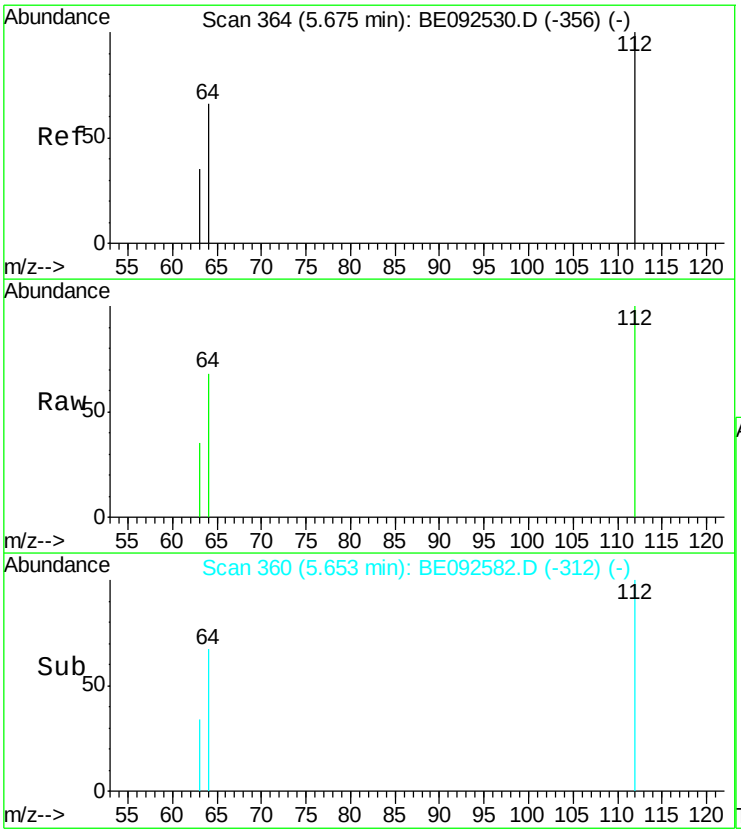
#3
n-Nitrosodimethylamine
Concen: 3.95 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.05 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion: 42 Resp: 6482

Ion	Ratio	Lower	Upper
42	100		
74	100.1	86.0	129.0
44	13.7	5.1	7.7#

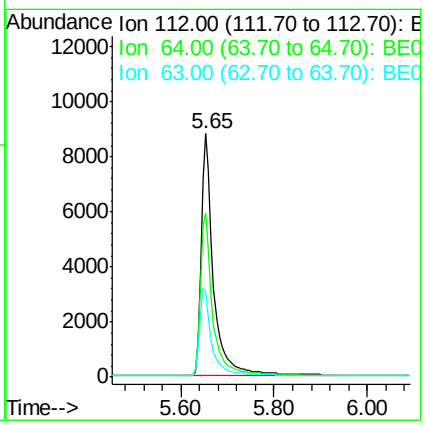


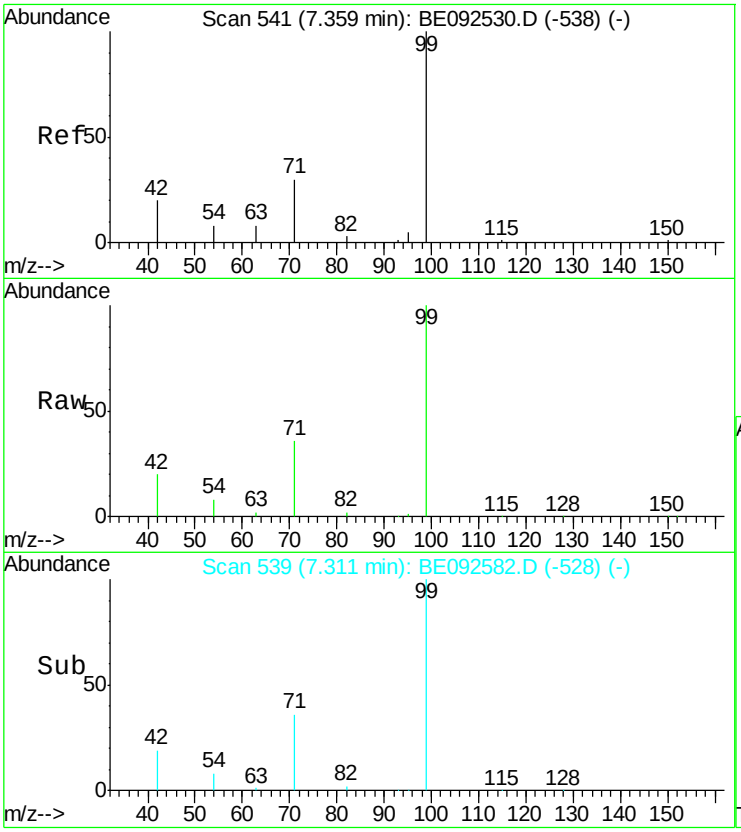


#4
2-Fluorophenol
Concen: 9.94 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:112 Resp: 16636

Ion	Ratio	Lower	Upper
112	100		
64	68.5	53.5	80.3
63	36.8	27.9	41.9



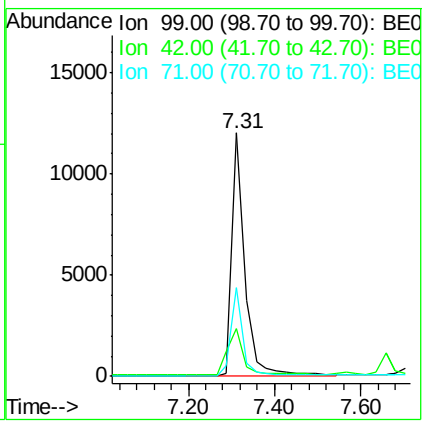


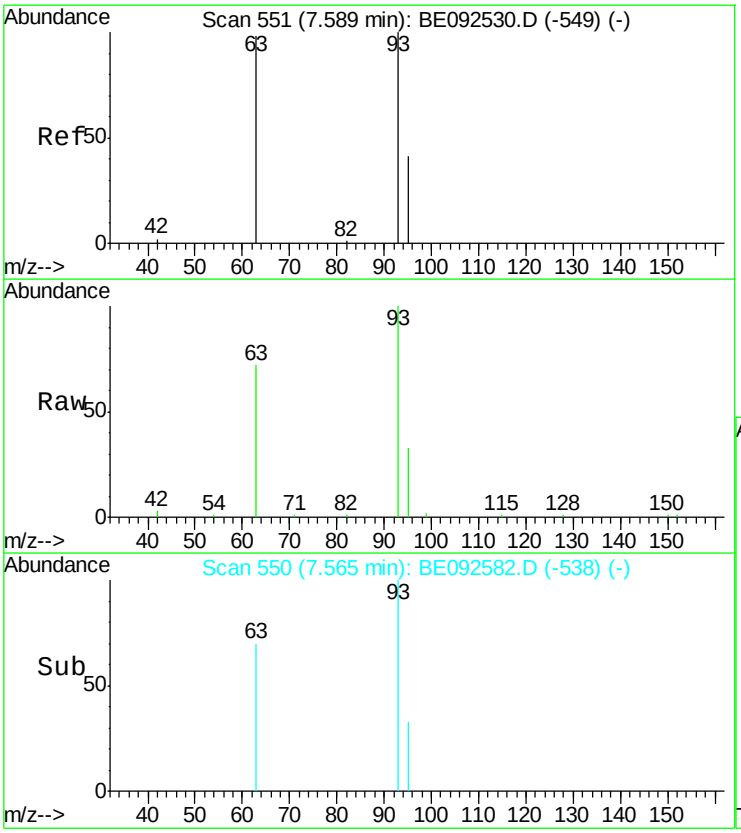
#5
Phenol-d6
Concen: 8.71 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.05 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion: 99 Resp: 24343

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.0	24.0
71	33.8	30.6	45.8

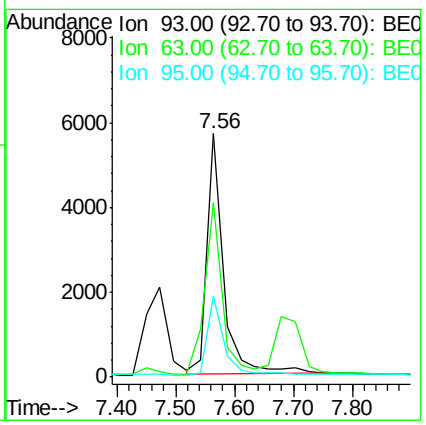


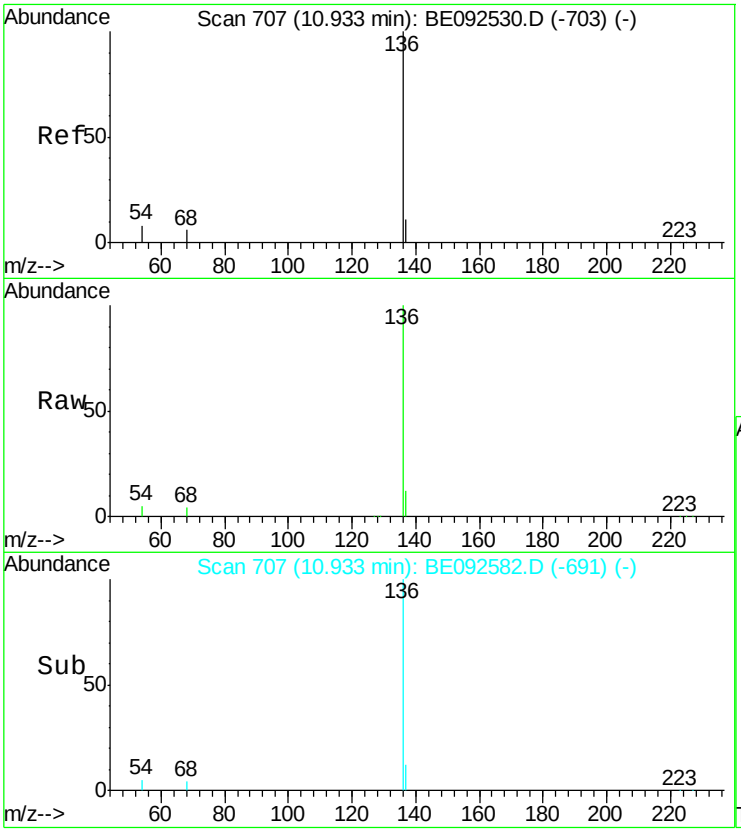


#6
bis(2-Chloroethyl)ether
Concen: 3.67 ng
RT: 7.56 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion: 93 Resp: 11036

Ion	Ratio	Lower	Upper
93	100		
63	75.6	71.6	107.4
95	33.0	24.0	36.0



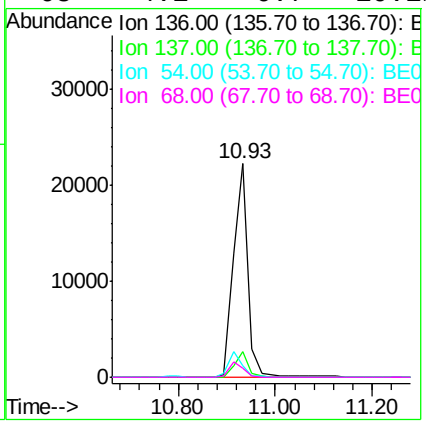


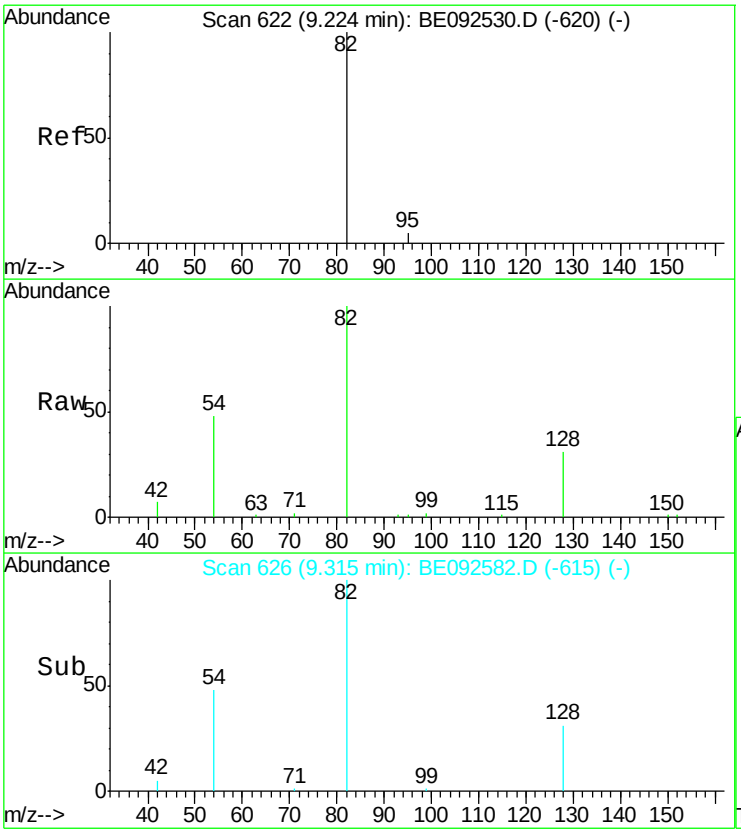
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:136 Resp: 45224

Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.2	12.4
54	5.2	9.6	14.4#
68	4.1	6.7	10.1#

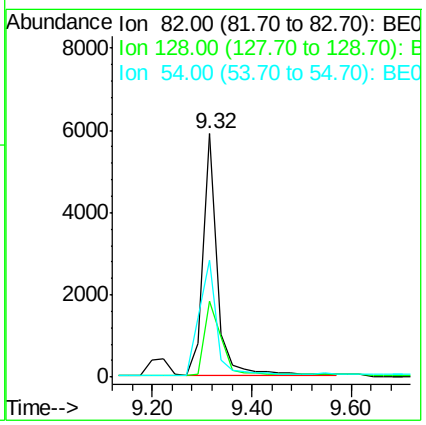


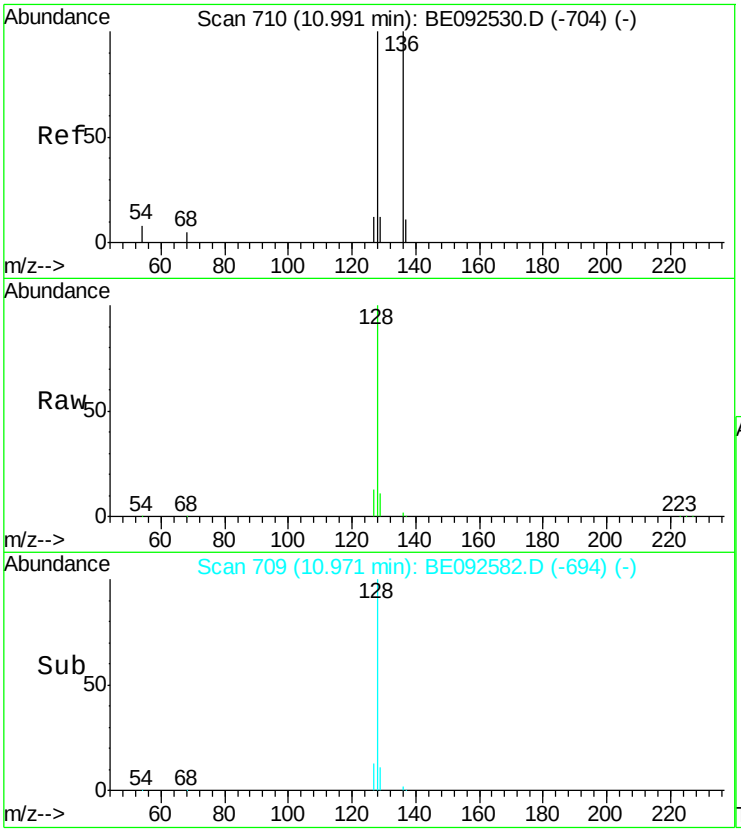


#8
Nitrobenzene-d5
Concen: 3.95 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion: 82 Resp: 11549

Ion	Ratio	Lower	Upper
82	100		
128	31.3	39.0	58.4#
54	48.2	44.8	67.2



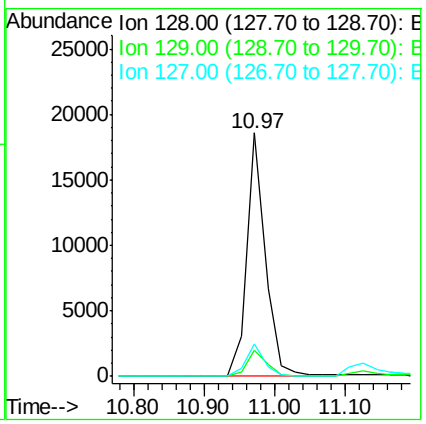


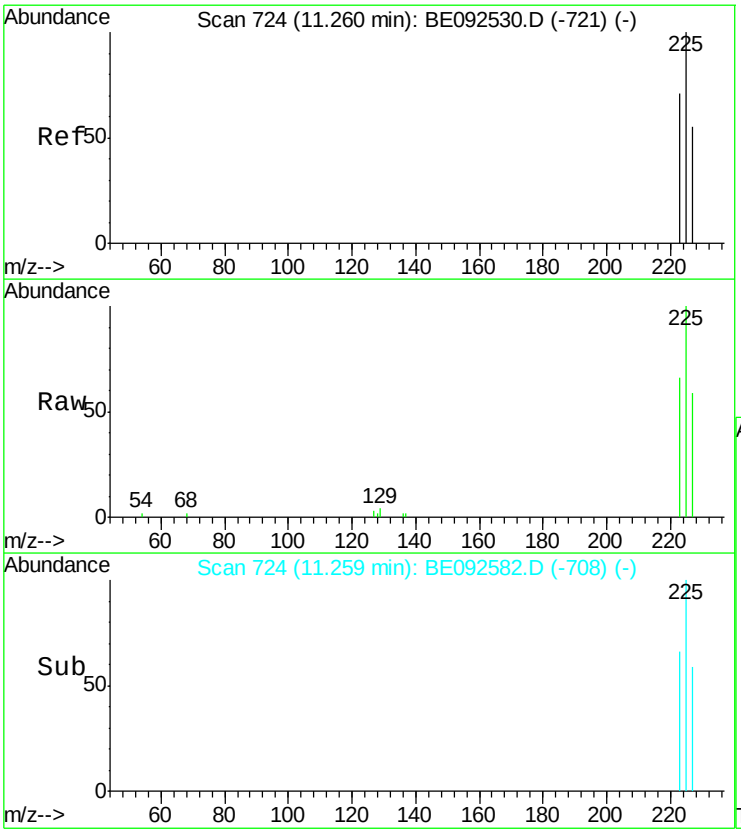
#9
Naphthalene
Concen: 3.63 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:128 Resp: 33877

Ion	Ratio	Lower	Upper
128	100		
129	10.8	11.2	16.8#
127	13.3	11.6	17.4

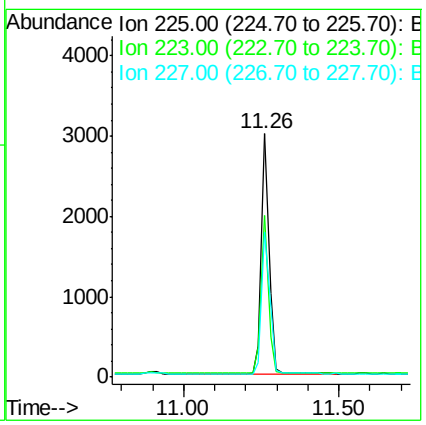


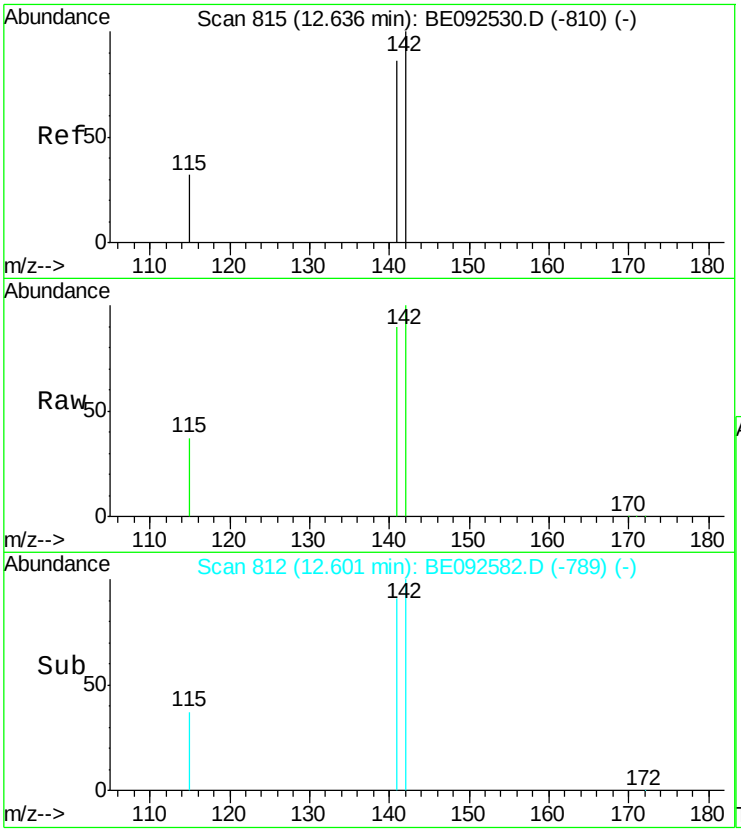


#10
Hexachlorobutadiene
Concen: 3.58 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:225 Resp: 5081

Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.6	76.0
227	63.1	51.4	77.0



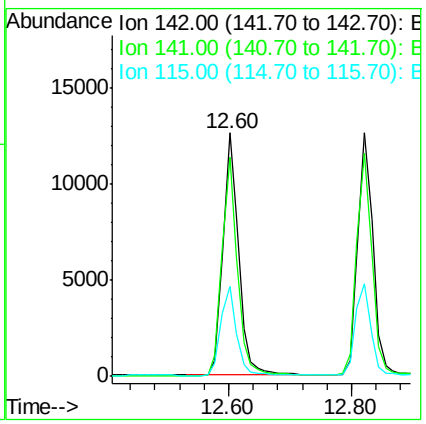


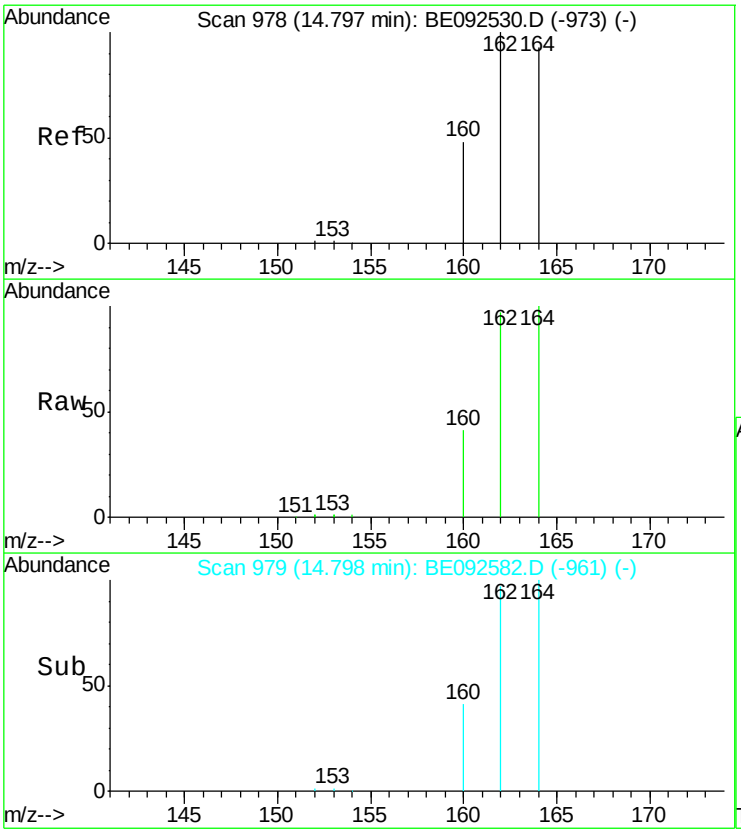
#11
2-Methylnaphthalene
Concen: 3.74 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.04 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:142 Resp: 22270

Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.7	110.5
115	36.8	34.0	51.0

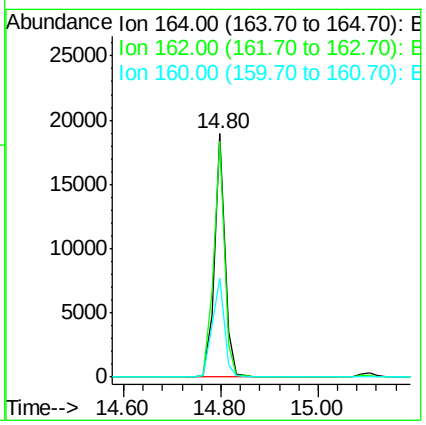


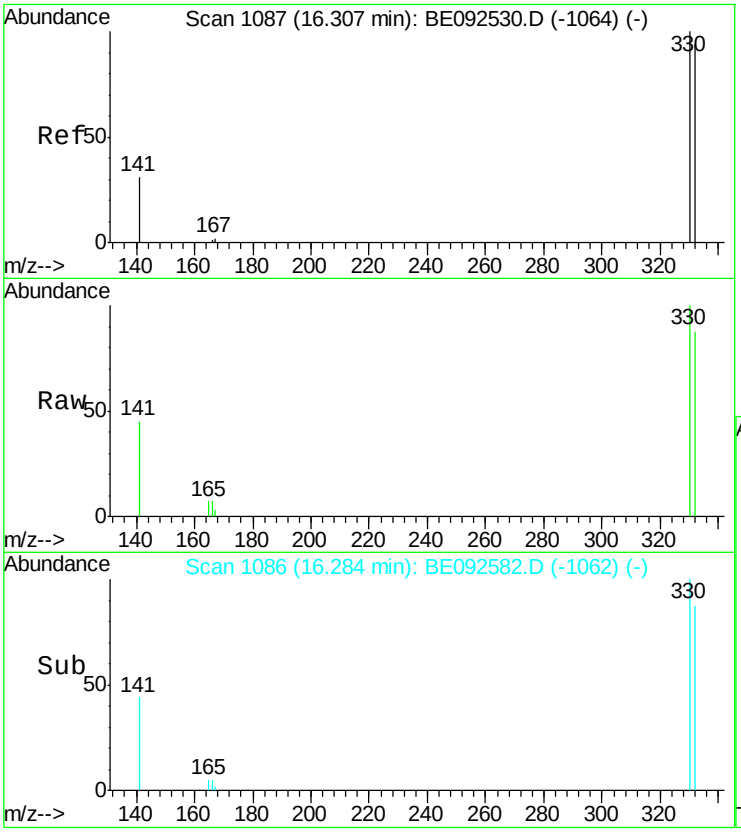


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:164 Resp: 28126

Ion	Ratio	Lower	Upper
164	100		
162	96.7	71.4	107.0
160	40.8	27.4	41.2



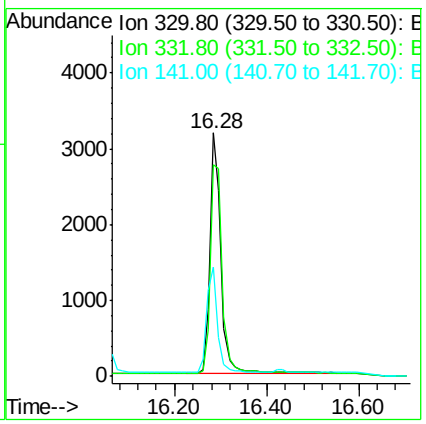


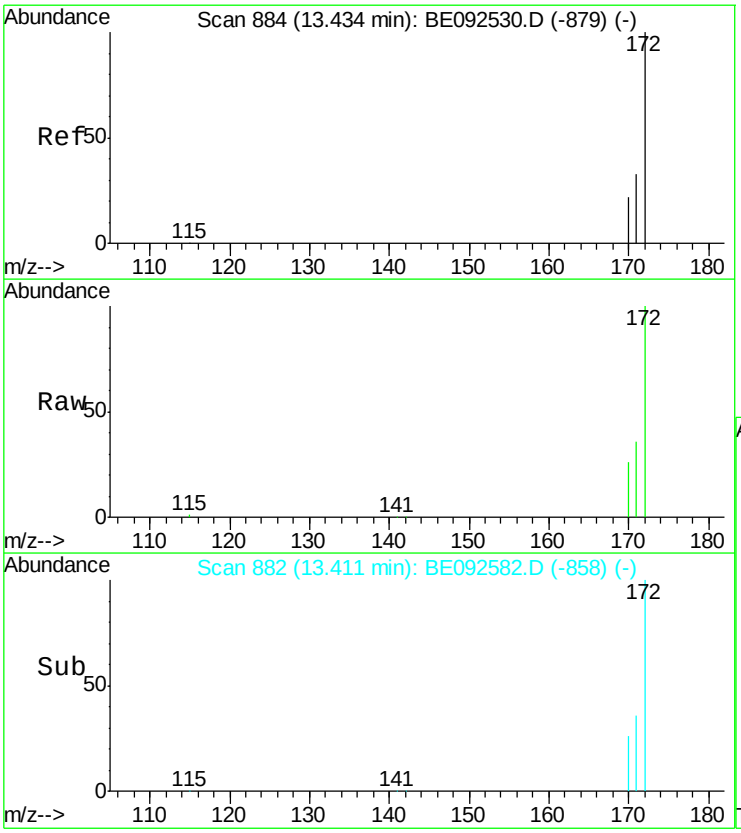
#13
2,4,6-Tribromophenol
Concen: 8.35 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:330 Resp: 5266

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	44.0	31.0	46.6

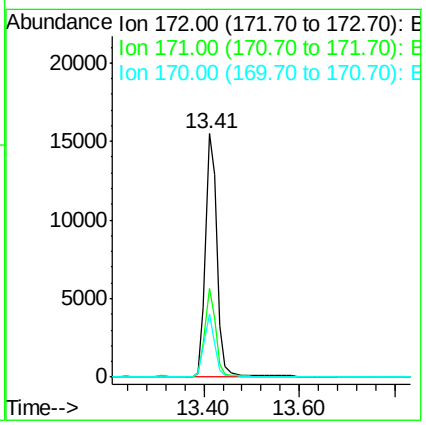


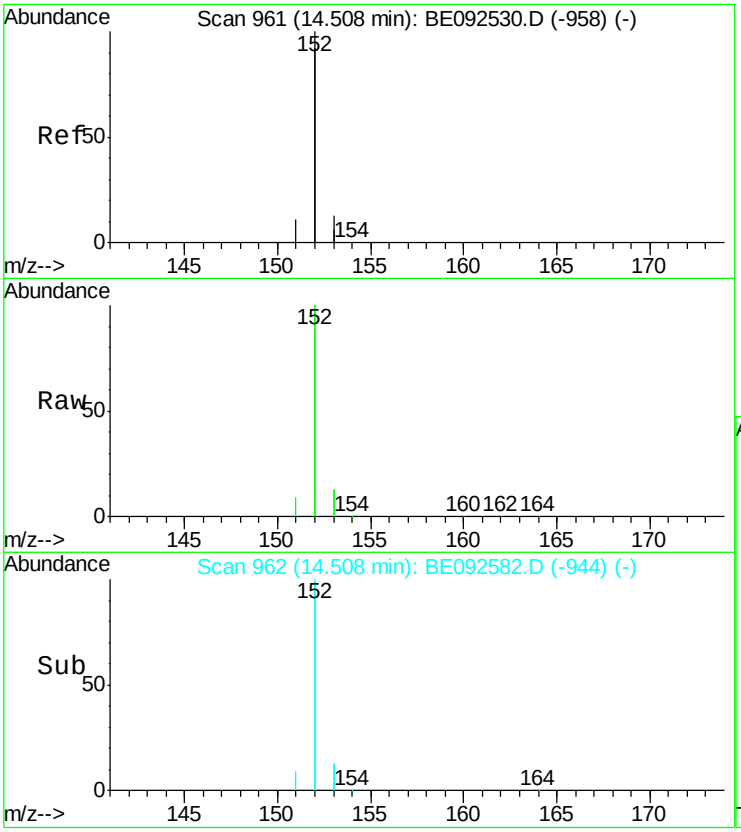


#14
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:172 Resp: 26232

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.1	45.1
170	25.8	21.8	32.6



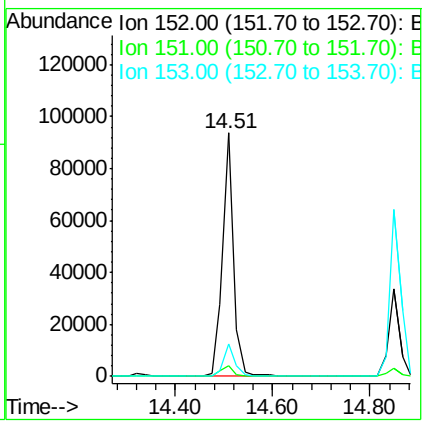


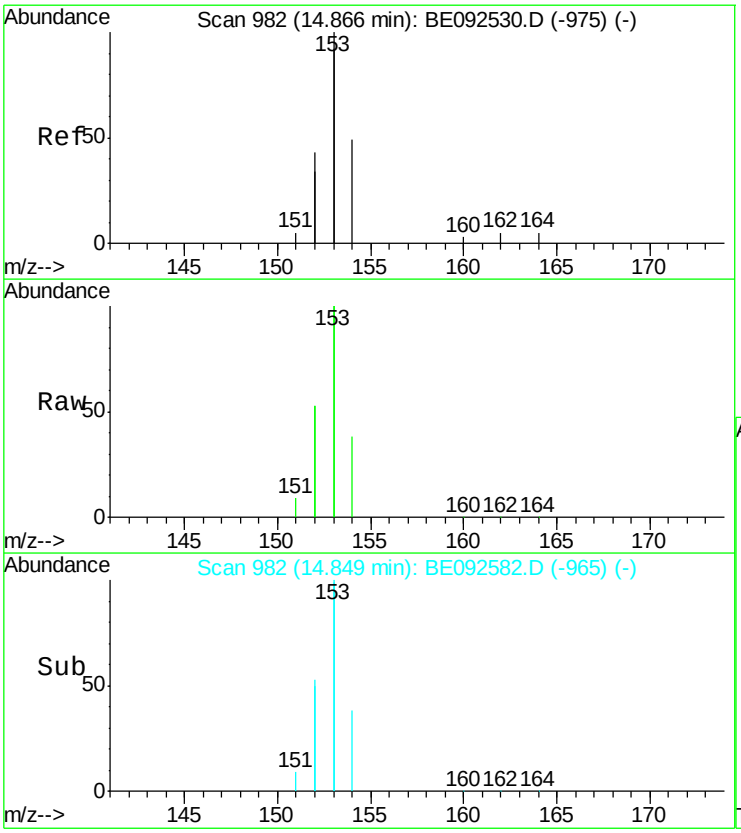
#15
Acenaphthylene
Concen: 3.73 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:152 Resp: 146191

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.0	10.4	15.6

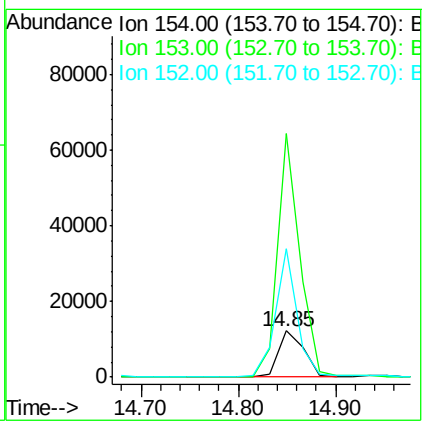


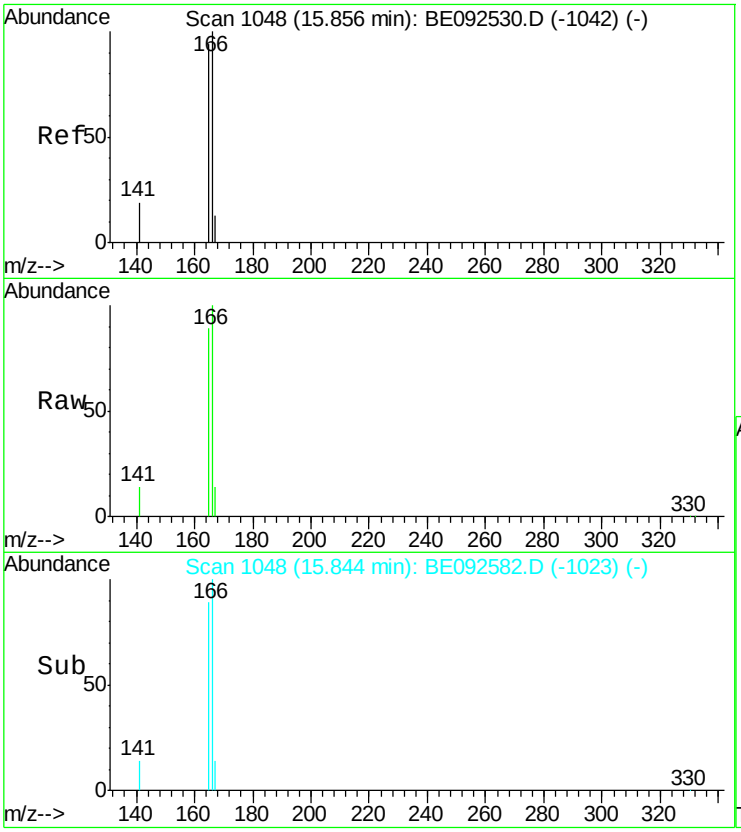


#16
Acenaphthene
Concen: 3.43 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:154 Resp: 21899

Ion	Ratio	Lower	Upper
154	100		
153	458.5	350.8	526.2
152	230.9	171.1	256.7



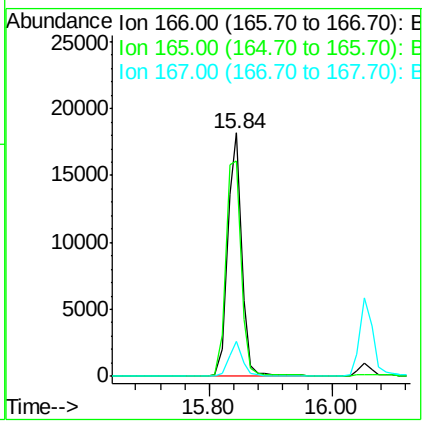


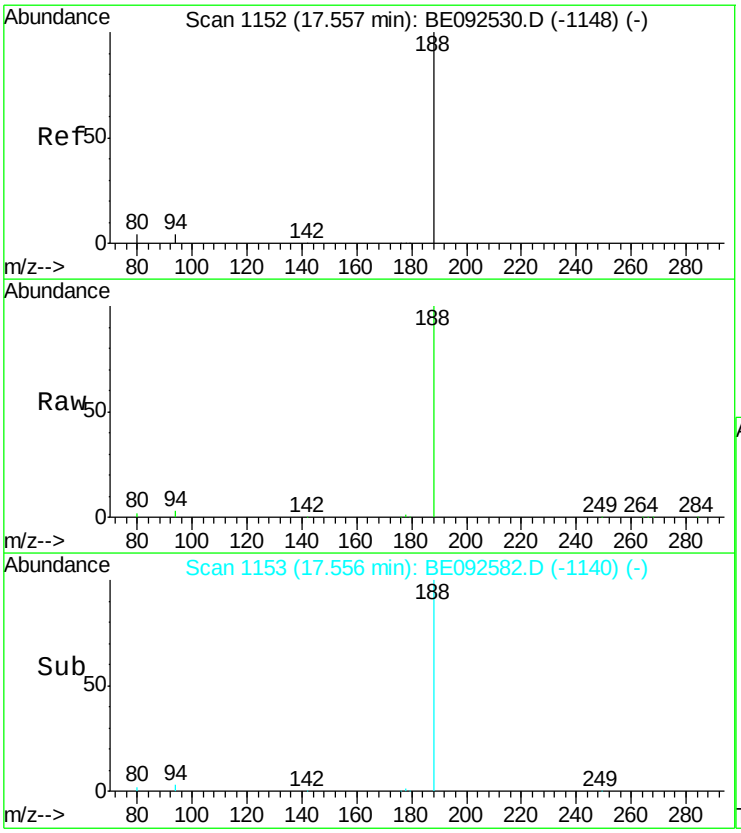
#17
Fluorene
Concen: 3.59 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:166 Resp: 28426

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.4
167	13.4	11.0	16.4

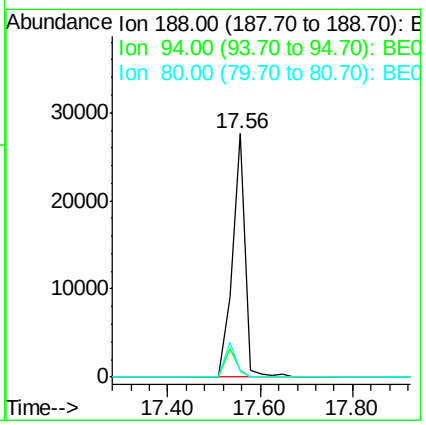


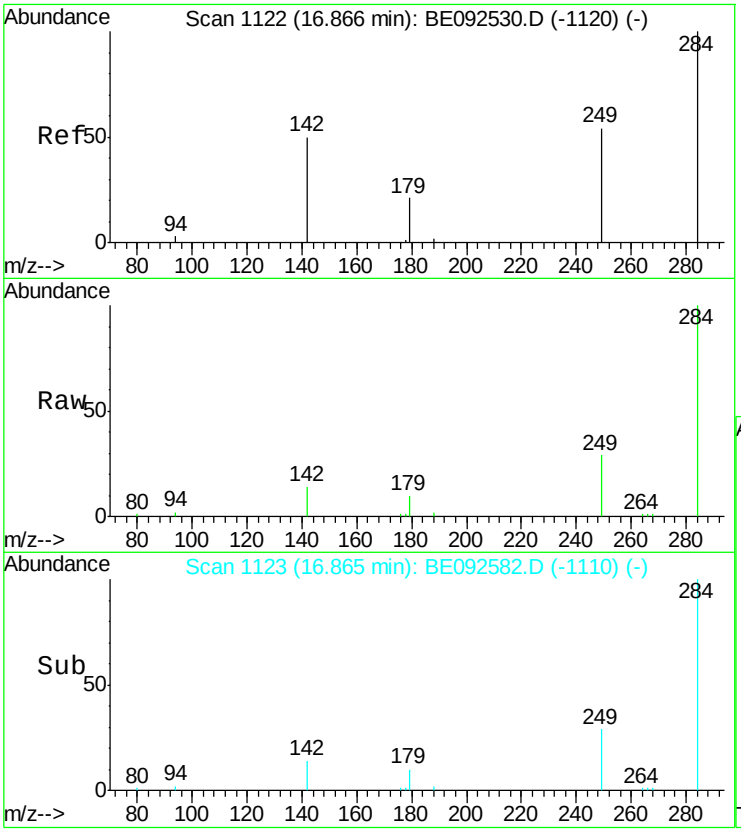


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:188 Resp: 52857

Ion	Ratio	Lower	Upper
188	100		
94	2.9	3.2	4.8#
80	2.3	2.6	3.8#



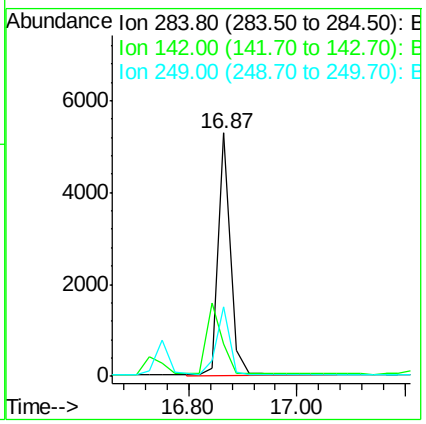


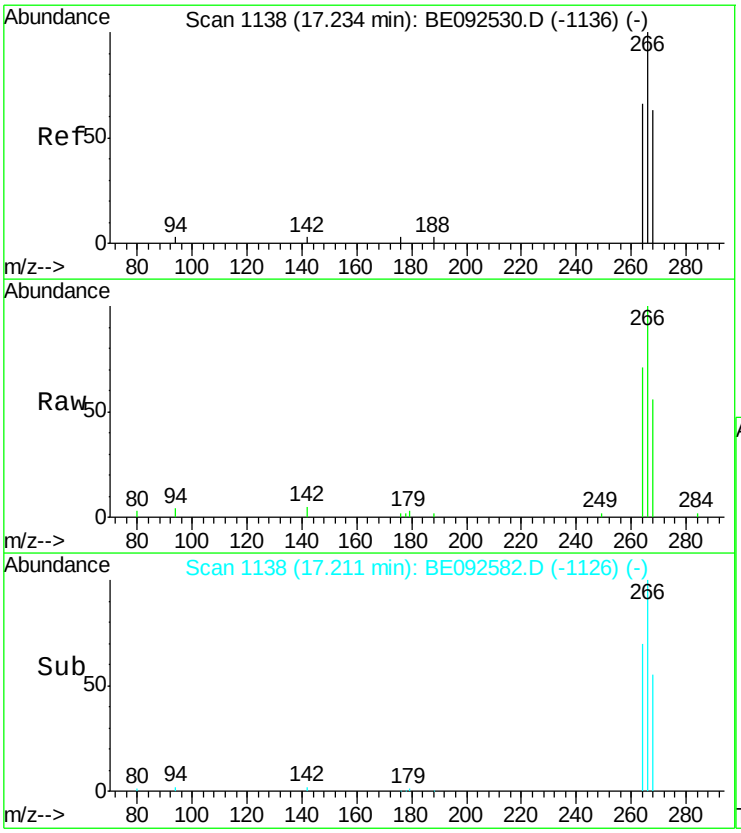
#19
Hexachlorobenzene
Concen: 4.06 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:284 Resp: 8463

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.8	27.9	41.9

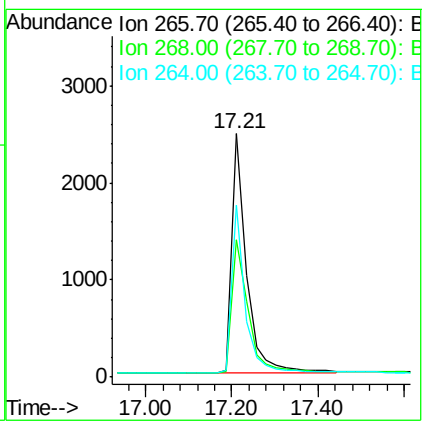


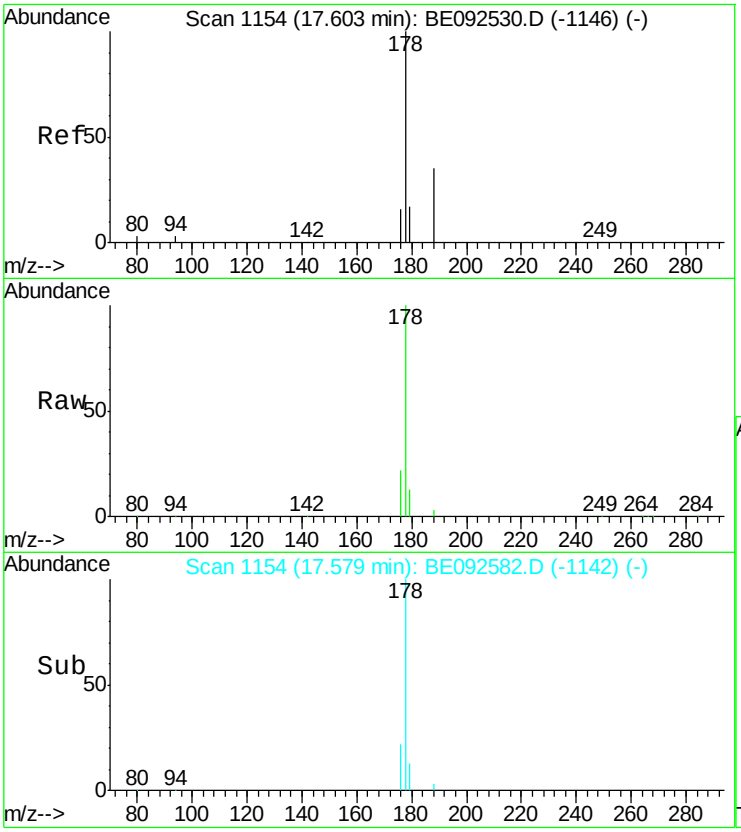


#20
Pentachlorophenol
Concen: 6.43 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:266 Resp: 5735

Ion	Ratio	Lower	Upper
266	100		
268	56.3	62.5	93.7#
264	70.8	57.2	85.8



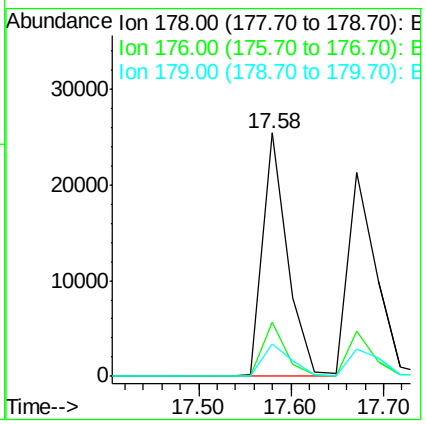


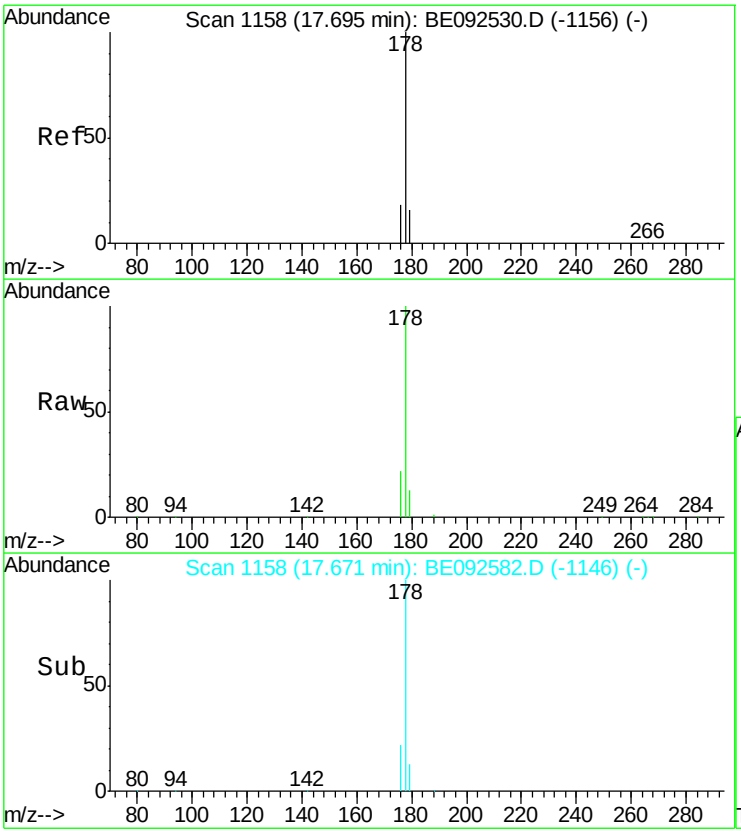
#21
Phenanthrene
Concen: 4.02 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:178 Resp: 47515

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	15.0	16.0	24.0#

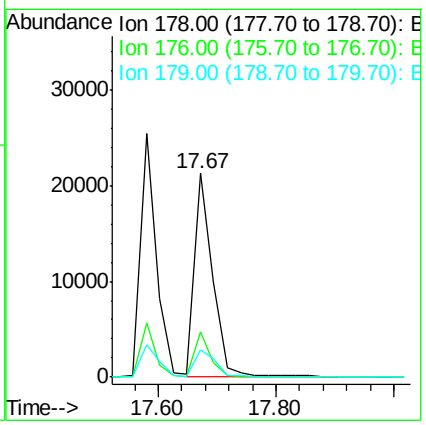


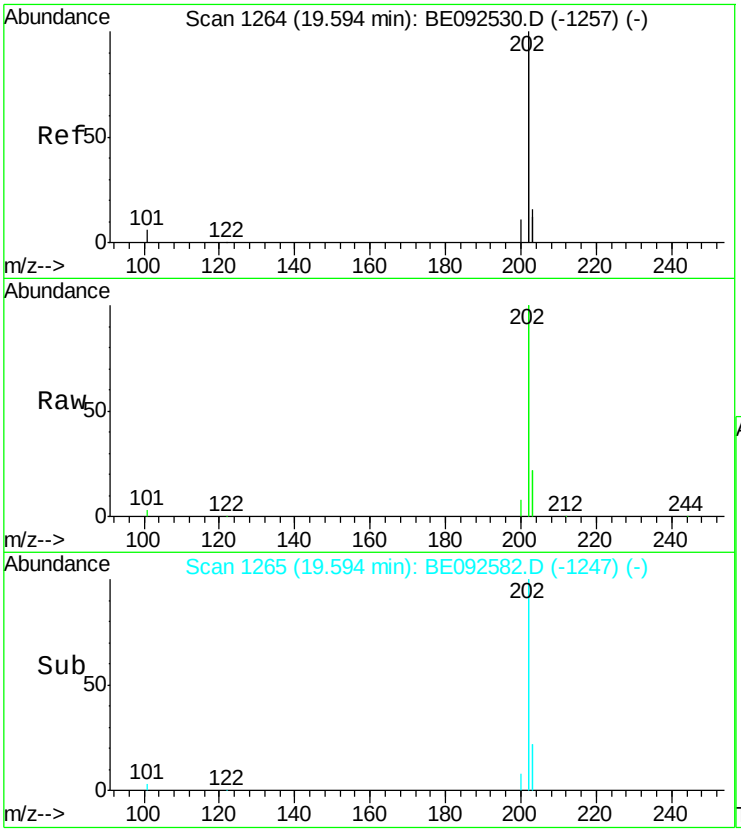


#22
Anthracene
Concen: 4.05 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:178 Resp: 45153

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	15.0	12.2	18.2



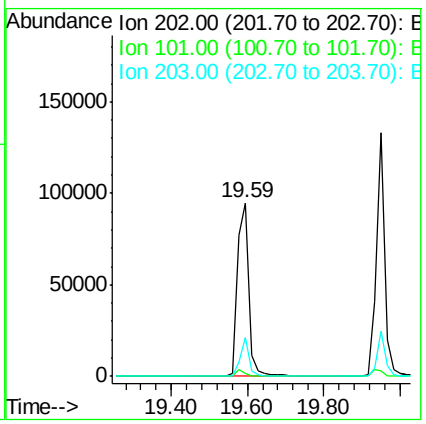


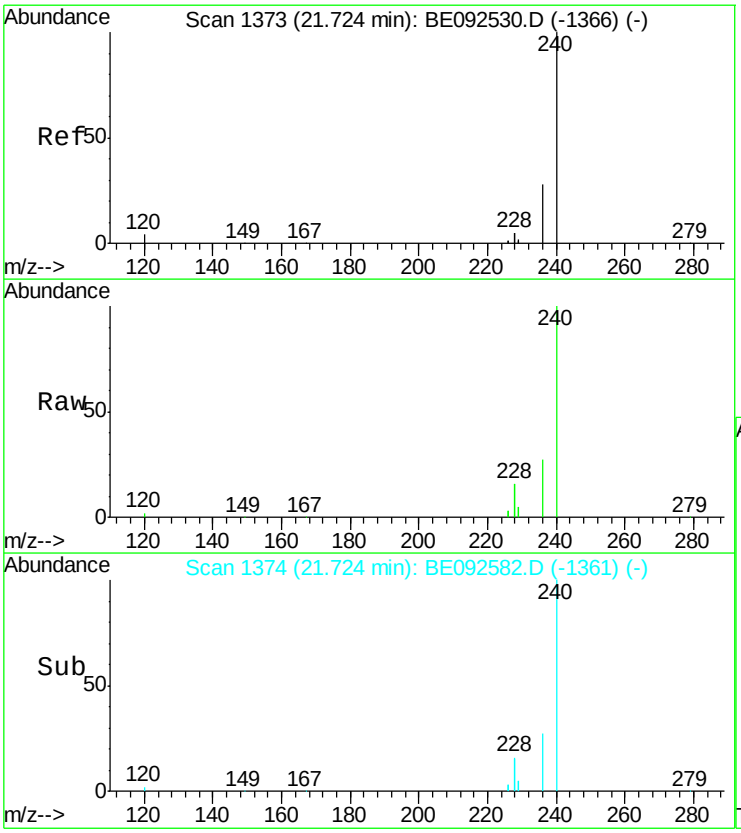
#23
Fluoranthene
Concen: 3.56 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:202 Resp: 196426

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.4	13.7	20.5

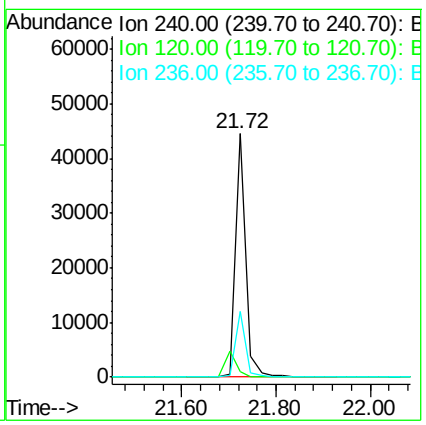


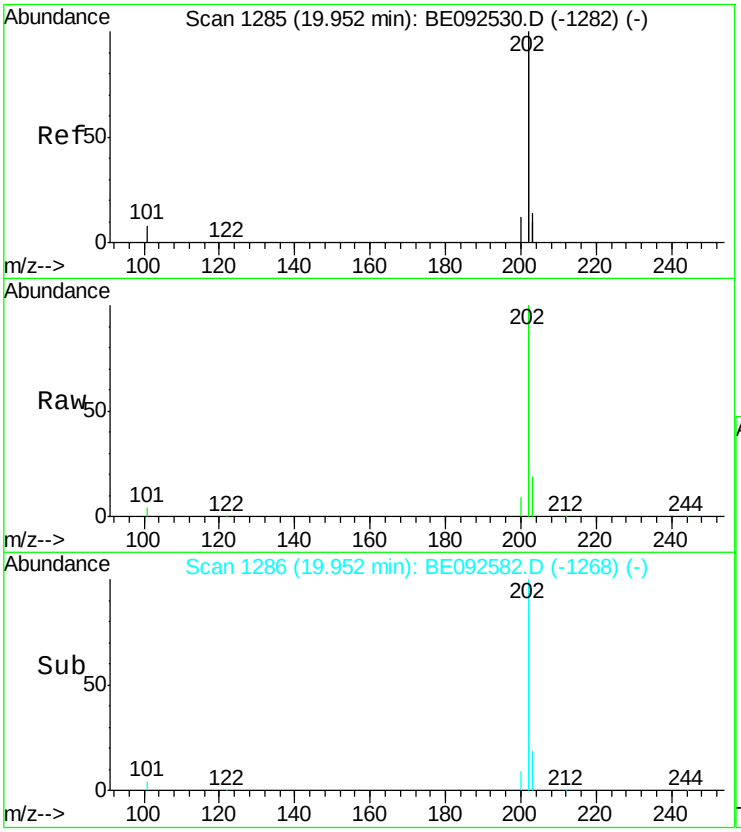


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:240 Resp: 68689

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.6	4.0#
236	27.1	24.6	37.0



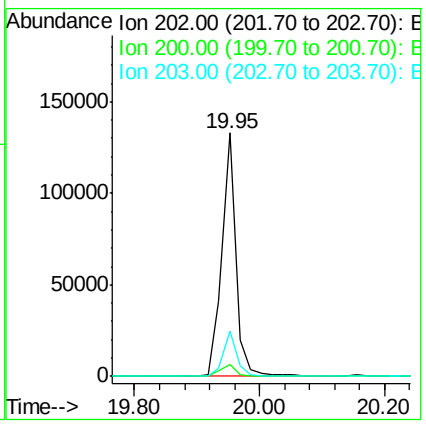


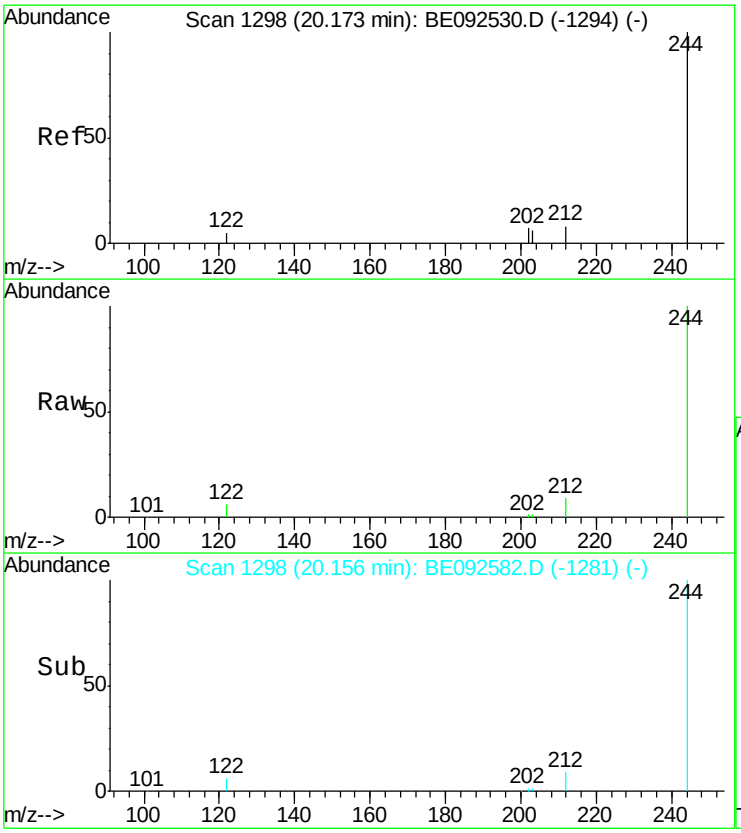
#25
Pyrene
Concen: 3.76 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:202 Resp: 205516

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	18.2	13.9	20.9

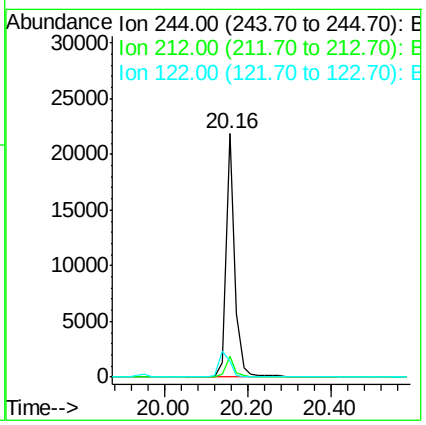


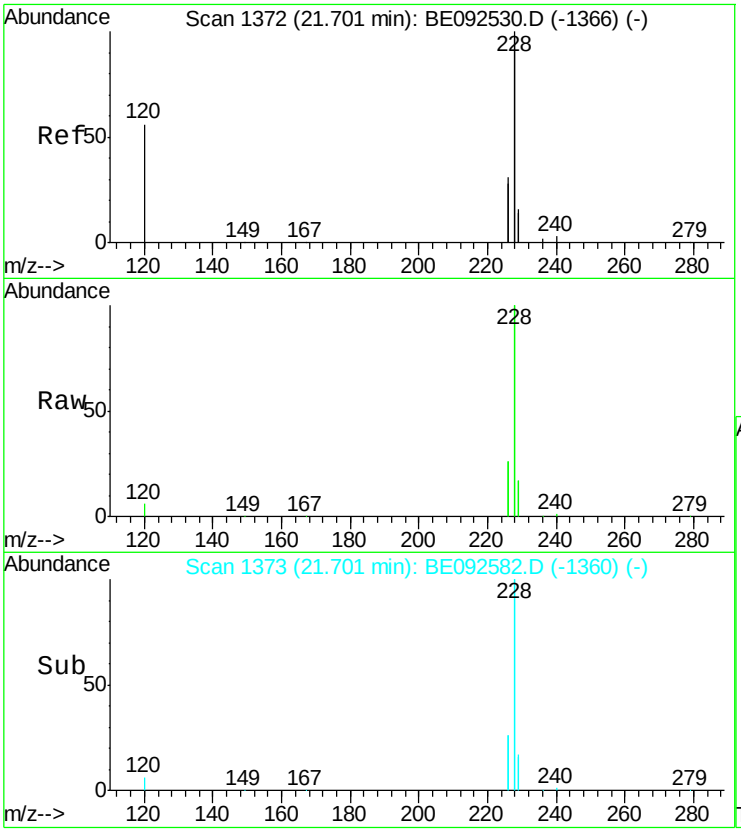


#26
Terphenyl-d14
Concen: 3.96 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:244 Resp: 31086

Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.7	10.1
122	6.3	3.6	5.4#



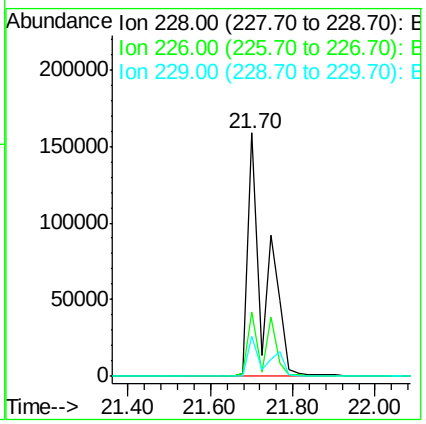


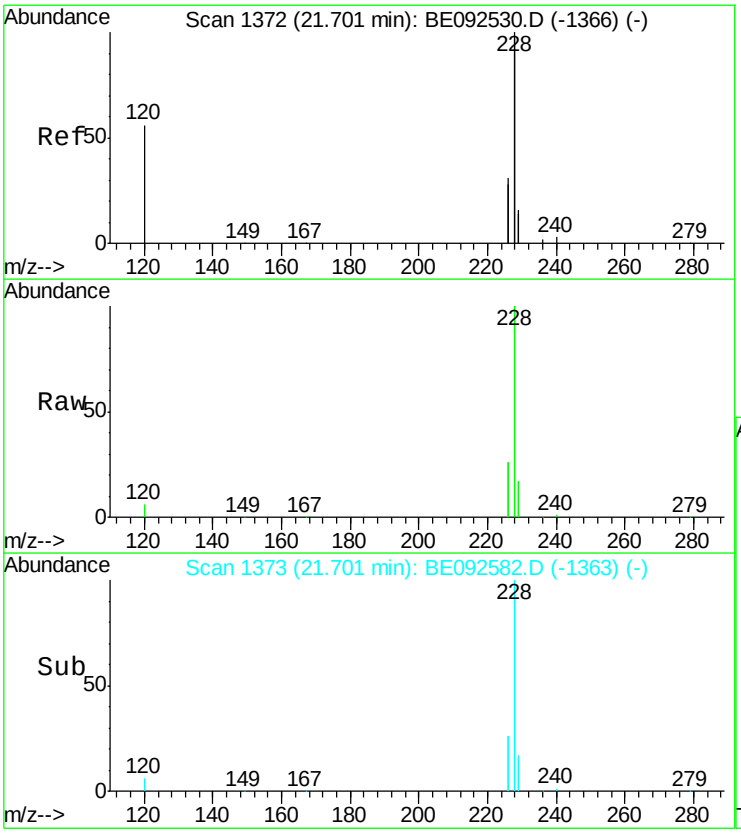
#27
Benzo(a)anthracene
Concen: 6.75 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:228 Resp: 441934

Ion	Ratio	Lower	Upper
228	100		
226	26.3	23.6	35.4
229	16.5	13.3	19.9

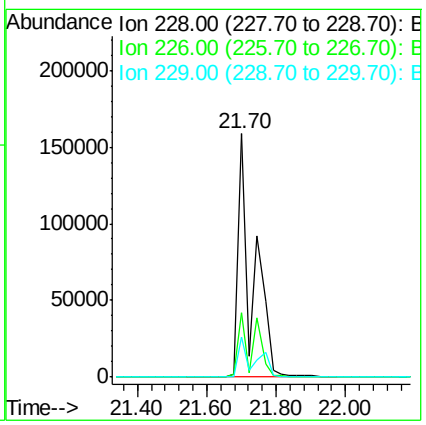


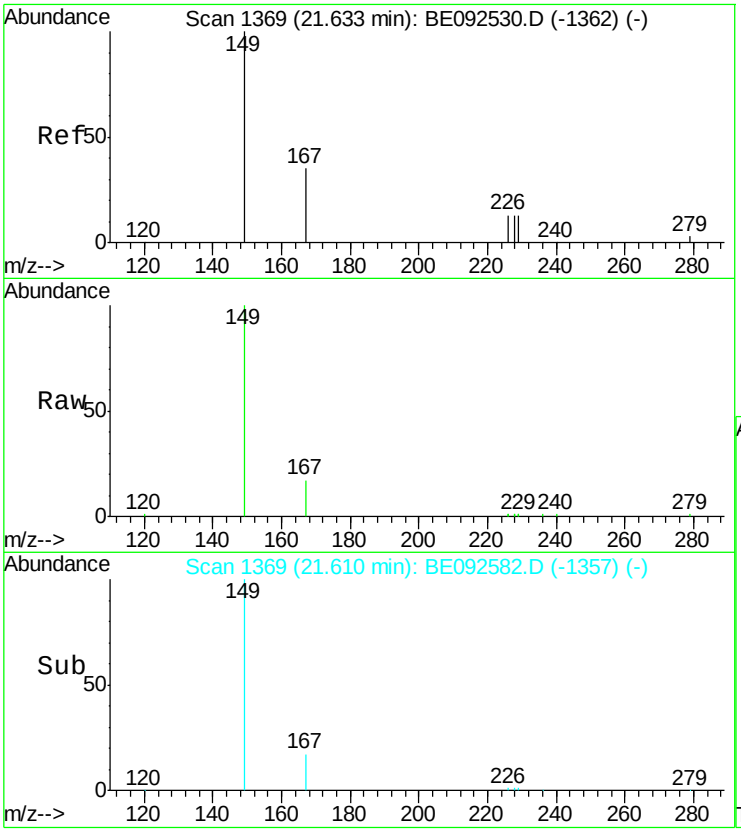


#28
Chrysene
Concen: 7.60 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:228 Resp: 443554

Ion	Ratio	Lower	Upper
228	100		
226	26.3	36.3	54.5#
229	16.5	10.6	16.0#



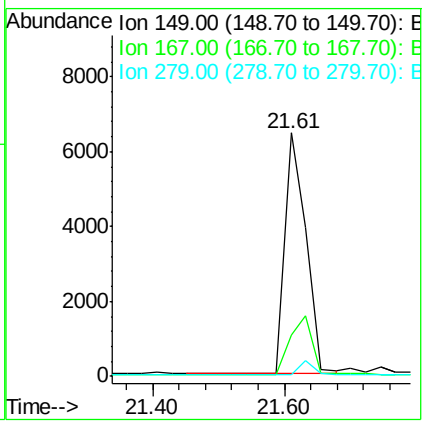


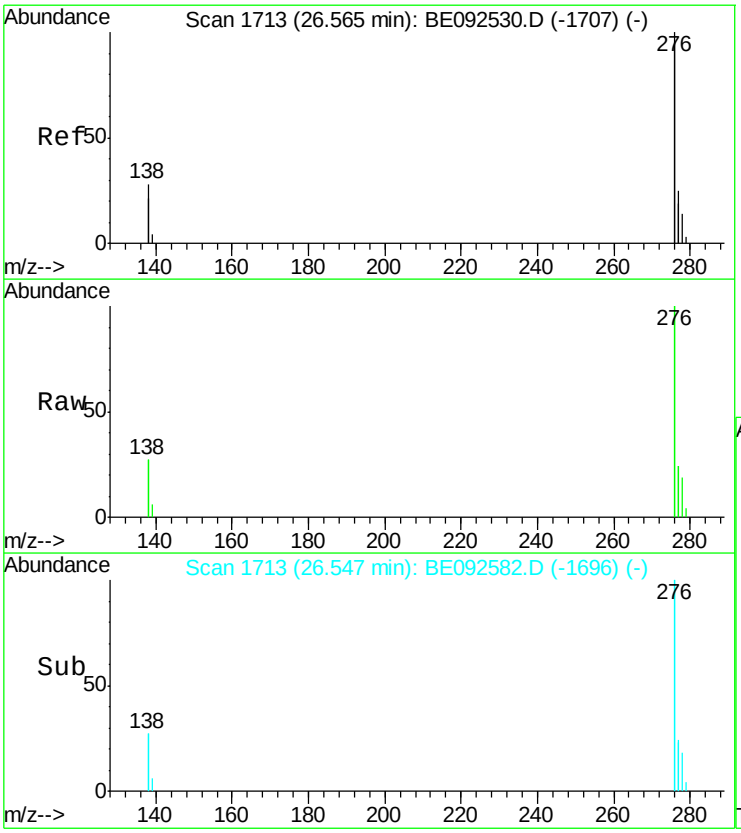
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.24 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:149 Resp: 14256

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

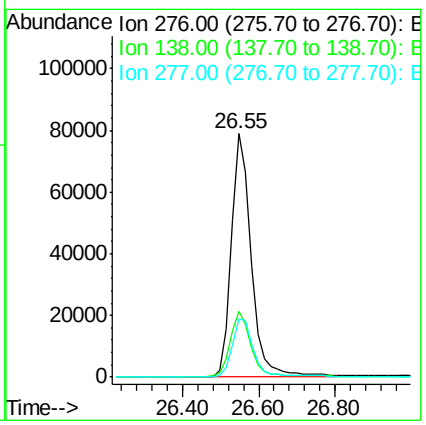


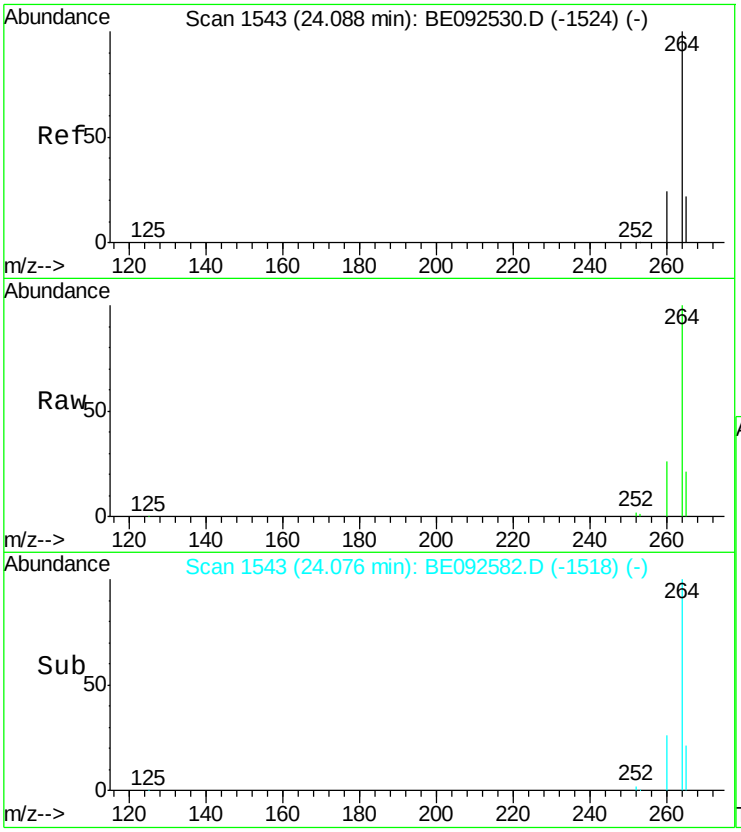


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.55 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:276 Resp: 289919

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.8	19.7	29.5



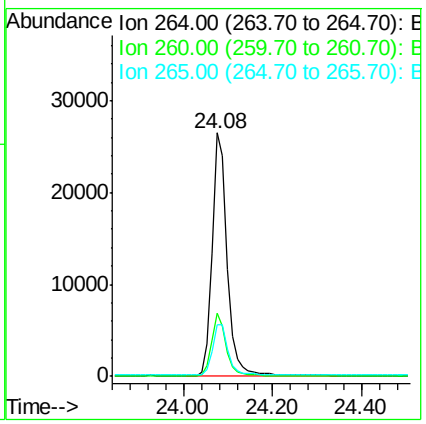


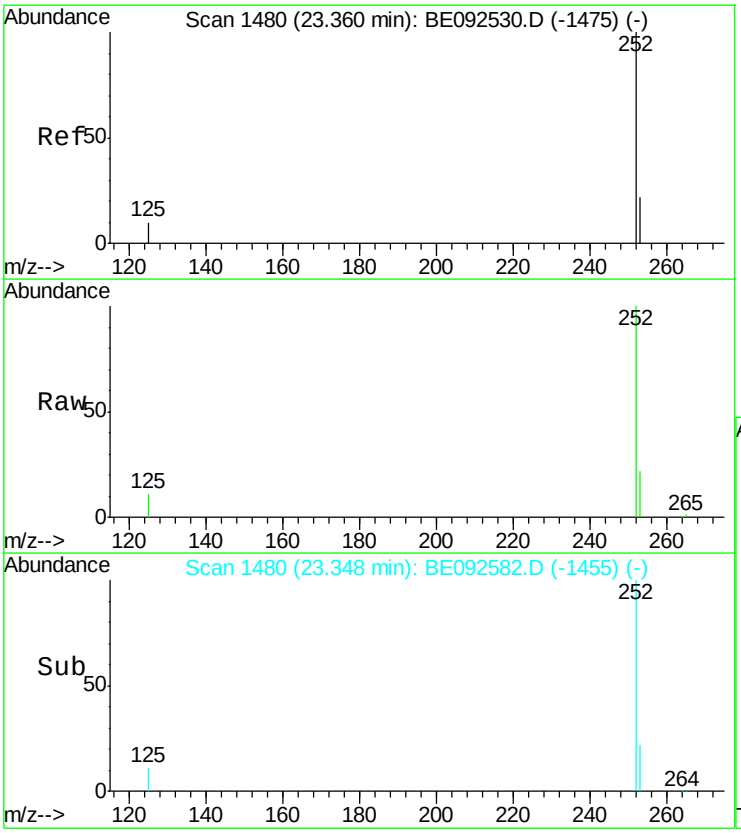
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:264 Resp: 62152

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.4	17.9	26.9

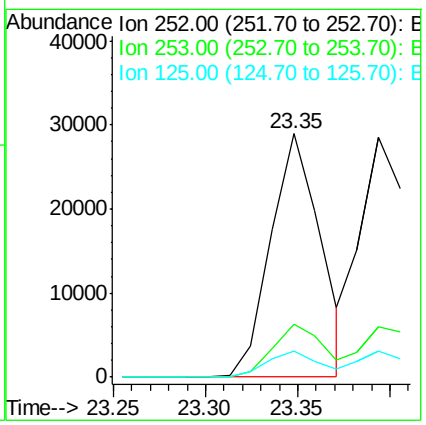


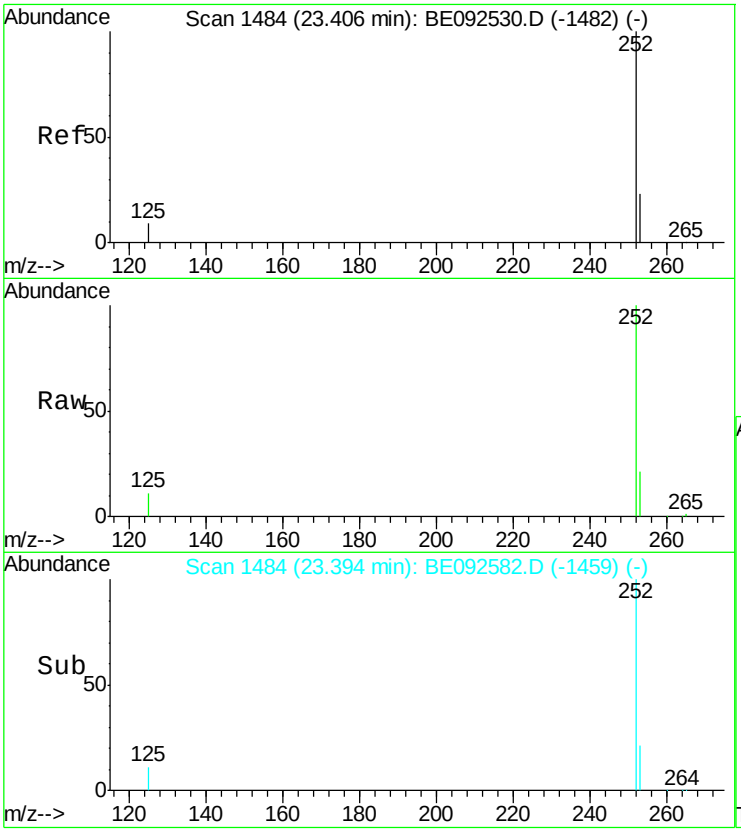


#32
Benzo(b)fluoranthene
Concen: 3.60 ng
RT: 23.35 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:252 Resp: 54276

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.7	28.1
125	10.7	10.5	15.7



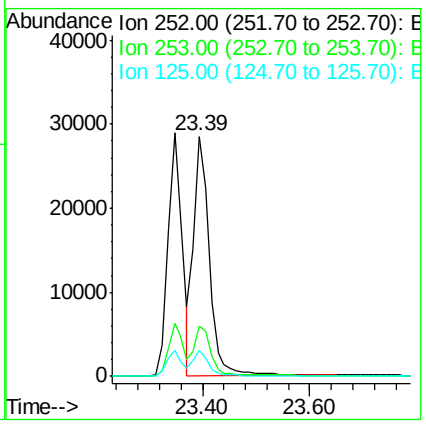


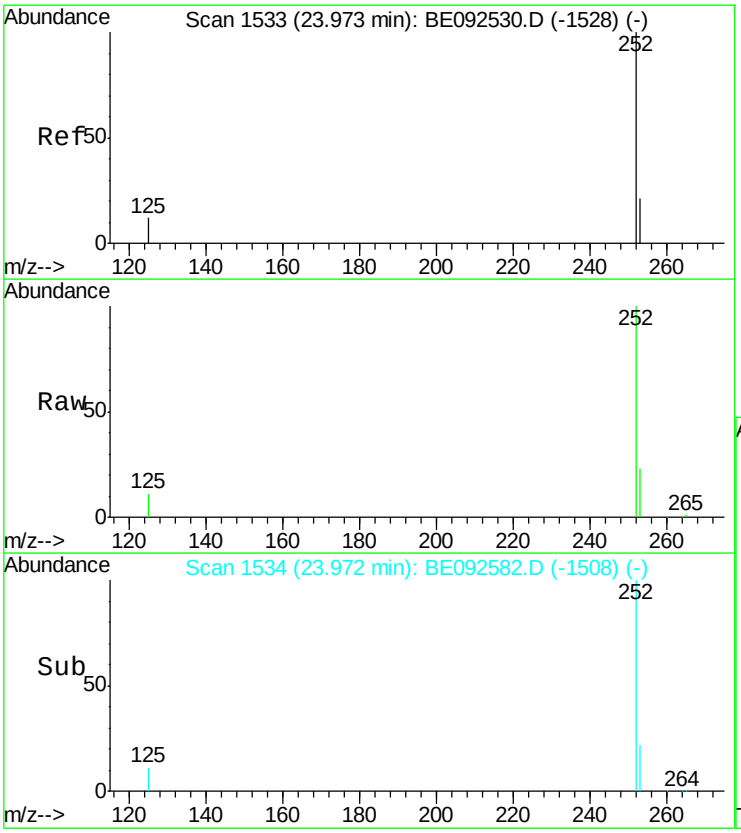
#33
Benzo(k)fluoranthene
Concen: 3.60 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:252 Resp: 56883

Ion	Ratio	Lower	Upper
252	100		
253	21.0	20.3	30.5
125	11.0	9.6	14.4

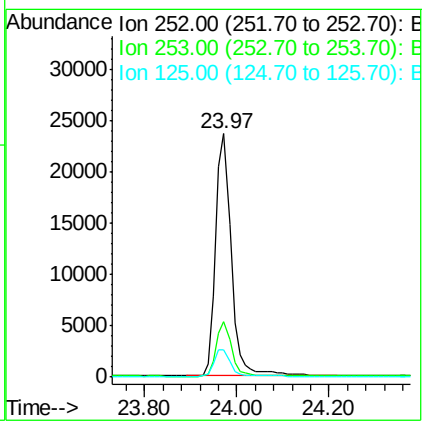


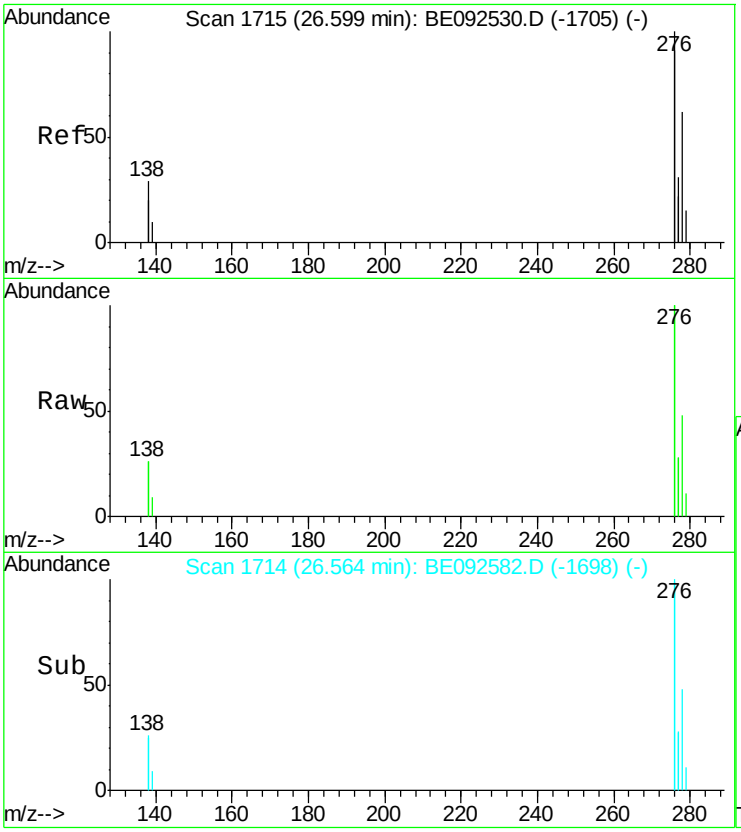


#34
Benzo(a)pyrene
Concen: 4.00 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:252 Resp: 55761

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.0	28.6
125	11.2	11.8	17.8#



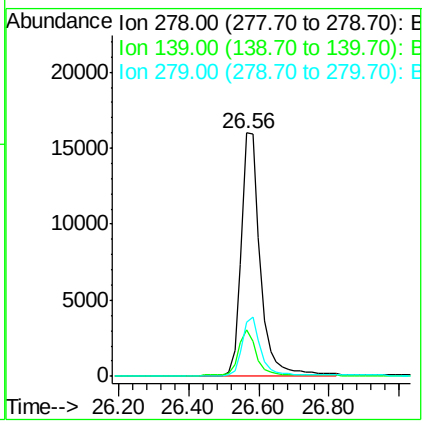


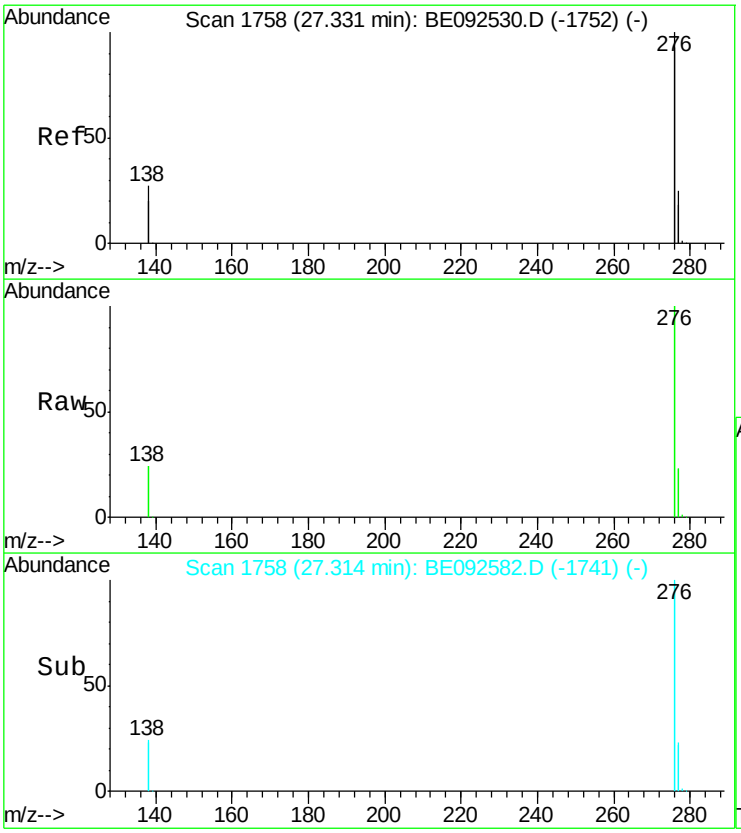
#35
Dibenzo(a,h)anthracene
Concen: 4.35 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Instrument :
BNA_E
ClientSampleId :
PB94961BS

Tgt Ion:278 Resp: 60114

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.8	20.8
279	22.4	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.23 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092582.D
Acq: 1 Dec 2016 11:28

Tgt Ion:276 Resp: 247288

Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.8	29.8
138	23.6	19.8	29.6