Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
Data File : BE092621.D
Acq On : 27 Dec 2016 13:41
Operator : UM/SJ
Sample : PB95532BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB95532BSD

Quant Time: Dec 28 01:24:56 2016
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	11793	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	53052	5.00	ng		-0.02
12) Acenaphthene-d10	14.80	164	33730	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	62423	5.00	ng		-0.02
24) Chrysene-d12	21.72	240	68070	5.00	ng		0.00
31) Perylene-d12	24.08	264	61312	5.00	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	23003	10.04	ng		-0.03
5) Phenol-d6	7.31	99	34228	9.84	ng		-0.07
8) Nitrobenzene-d5	9.32	82	15376	4.22	ng		-0.05
13) 2,4,6-Tribromophenol	16.28	330	8108	8.32	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	37277	4.62	ng		-0.02
26) Terphenyl-d14	20.16	244	41460	4.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	4787	3.51	ng	#	64
3) n-Nitrosodimethylamine	3.73	42	8143	4.16	ng		93
6) bis(2-Chloroethyl)ether	7.57	93	13647	4.04	ng		91
9) Naphthalene	10.97	128	43993	4.04	ng		94
10) Hexachlorobutadiene	11.26	225	6584	3.98	ng		99
11) 2-Methylnaphthalene	12.60	142	30165	4.35	ng	#	85
15) Acenaphthylene	14.51	152	203681	4.38	ng		100
16) Acenaphthene	14.85	154	30999	4.04	ng		93
17) Fluorene	15.83	166	40176	4.26	ng		98
19) Hexachlorobenzene	16.87	284	11612	4.35	ng	#	63
20) Pentachlorophenol	17.21	266	8859	7.32	ng		85
21) Phenanthrene	17.58	178	73117	4.64	ng	#	94
22) Anthracene	17.67	178	67868	4.72	ng		99
23) Fluoranthene	19.58	202	274484	4.04	ng		99
25) Pyrene	19.95	202	275169	4.59	ng		99
27) Benzo(a)anthracene	21.75	228	571195	9.34	ng		96
28) Chrysene	21.75	228	572601	8.08	ng	#	83
29) Bis(2-ethylhexyl)phthalate	21.61	149	33987	3.80	ng	#	77
30) Indeno(1,2,3-cd)pyrene	26.55	276	307622	4.81	ng		98
32) Benzo(b)fluoranthene	23.34	252	68632	4.87	ng		95
33) Benzo(k)fluoranthene	23.39	252	61192	3.89	ng		95
34) Benzo(a)pyrene	23.96	252	62661	4.60	ng	#	95
35) Dibenzo(a,h)anthracene	26.56	278	63497	4.91	ng		96
36) Benzo(g,h,i)perylene	27.30	276	265866	4.80	ng		97

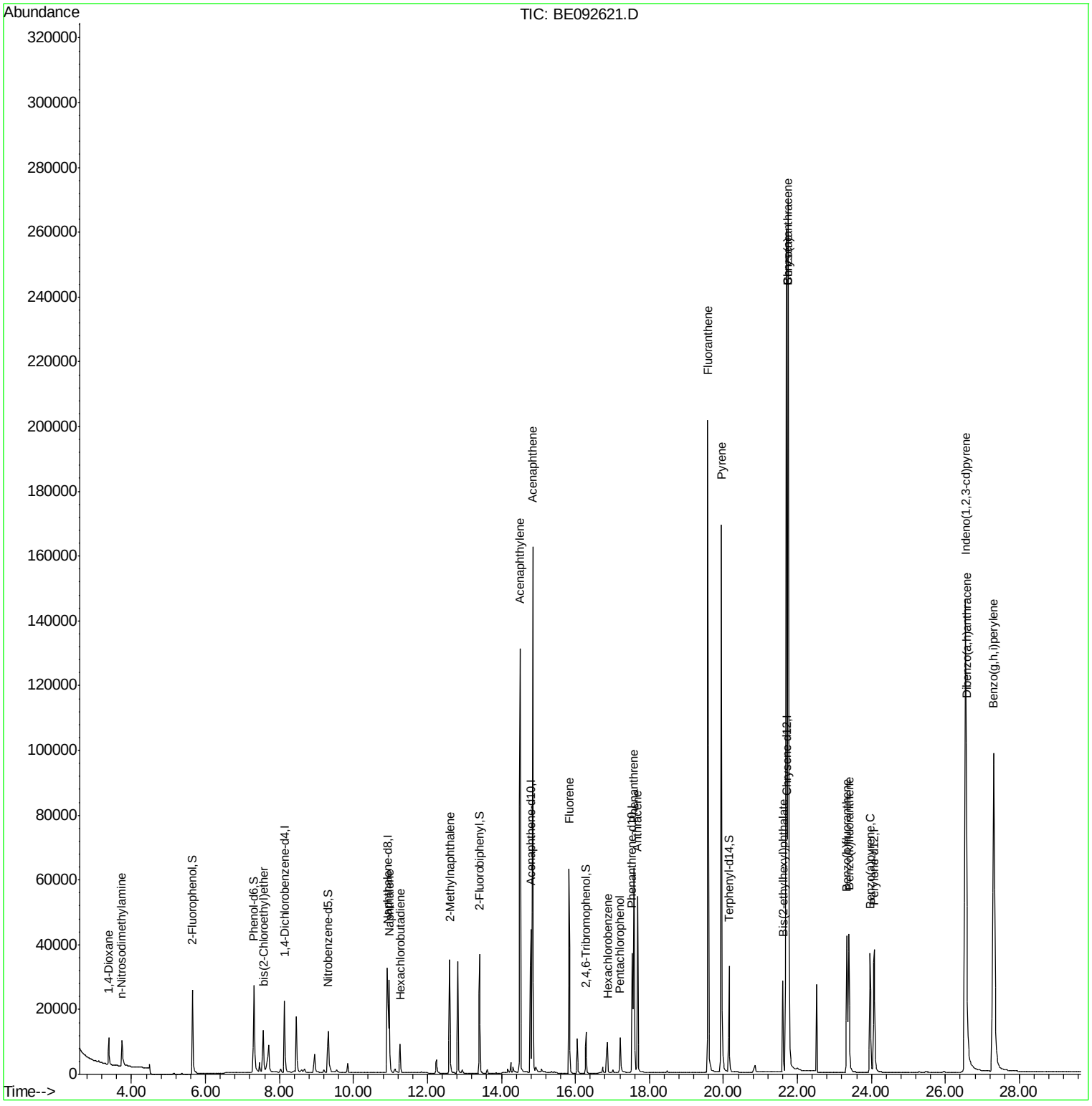
(#) = qualifier out of range (m) = manual integration (+) = signals summed

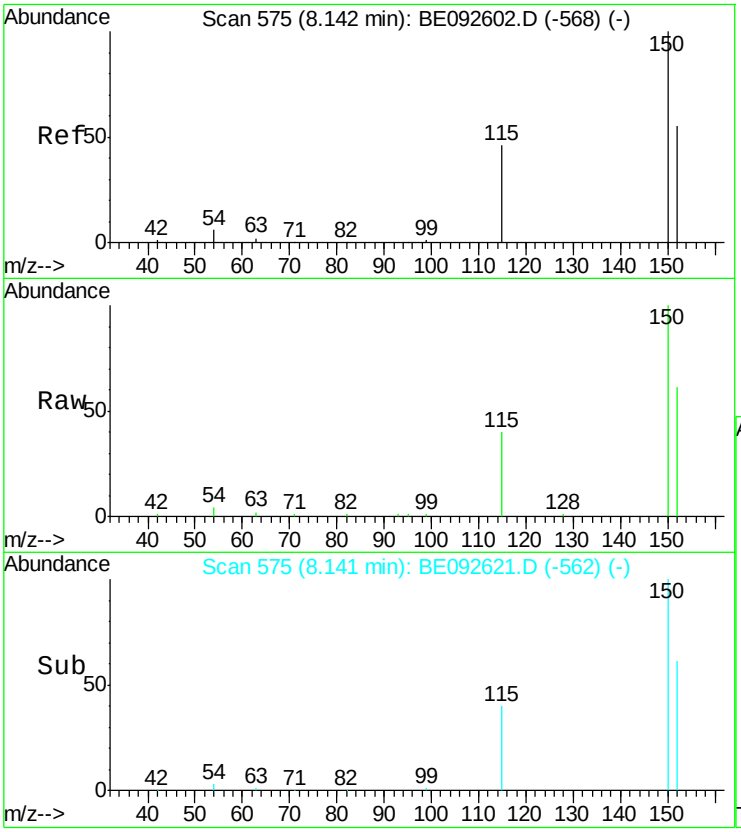
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE122716\
Data File : BE092621.D
Acq On : 27 Dec 2016 13:41
Operator : UM/SJ
Sample : PB95532BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Quant Time: Dec 28 01:24:56 2016
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



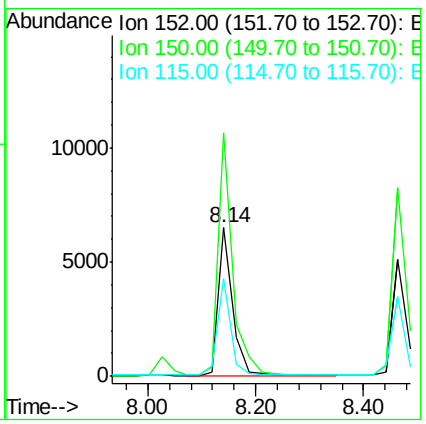


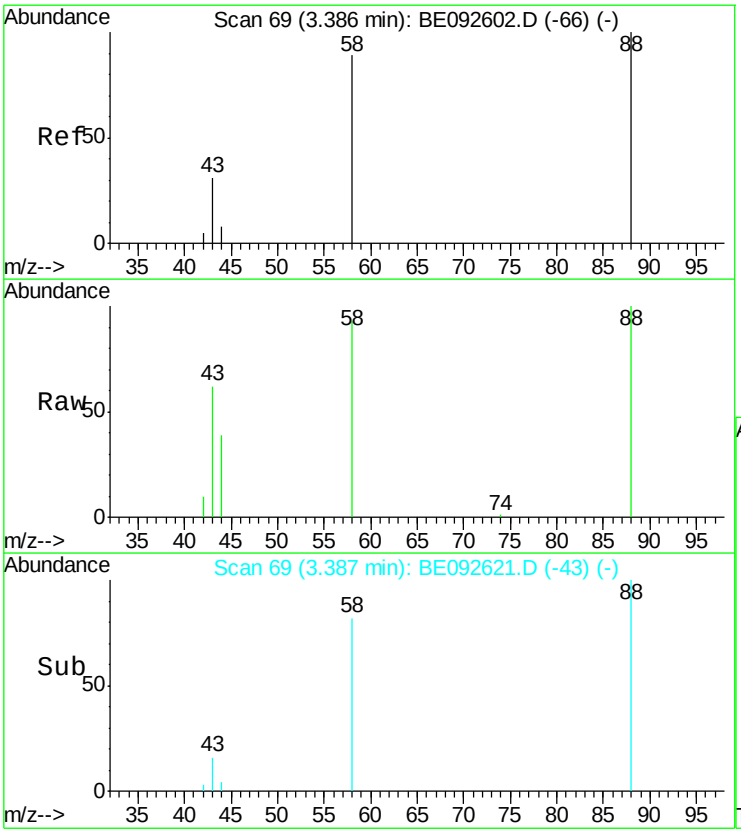
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:152 Resp: 11793

Ion	Ratio	Lower	Upper
152	100		
150	164.0	106.0	159.0#
115	66.2	31.2	46.8#

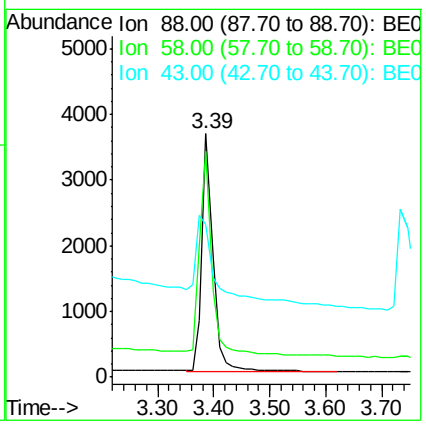


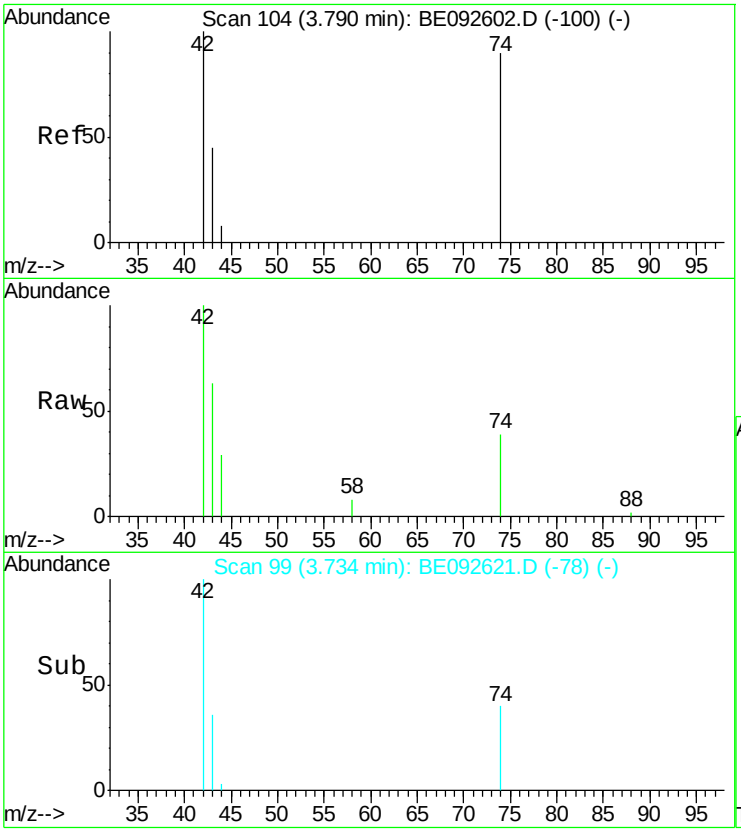


#2
1,4-Dioxane
Concen: 3.51 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion: 88 Resp: 4787

Ion	Ratio	Lower	Upper
88	100		
58	95.3	63.6	95.4
43	80.4	28.0	42.0#



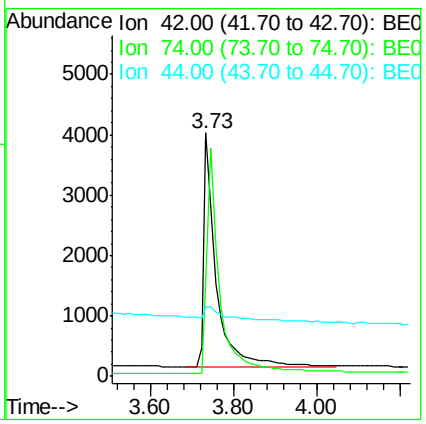


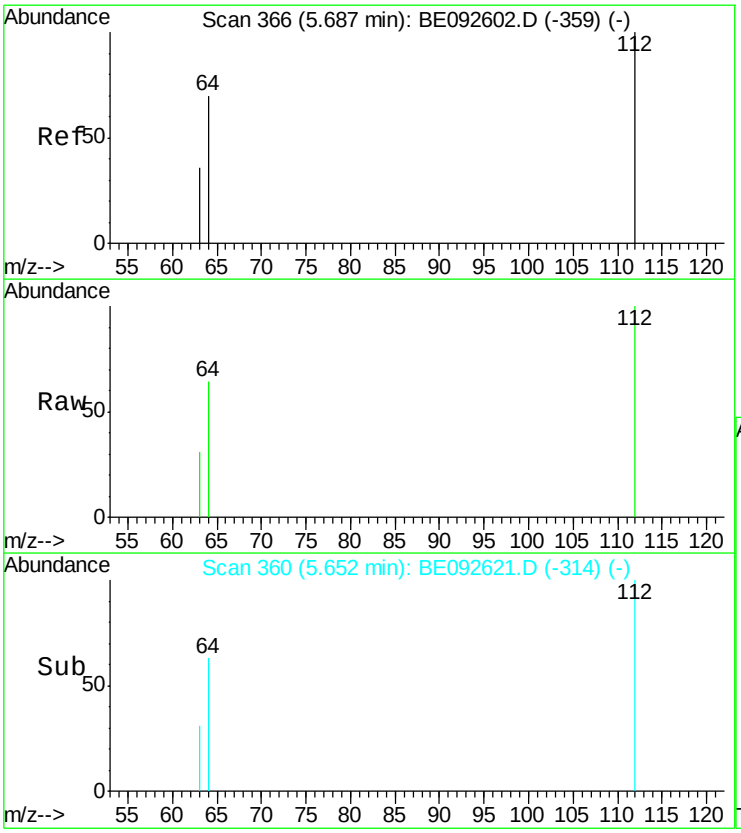
#3
n-Nitrosodimethylamine
Concen: 4.16 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.06 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion: 42 Resp: 8143

Ion	Ratio	Lower	Upper
42	100		
74	100.2	86.0	129.0
44	7.5	5.1	7.7

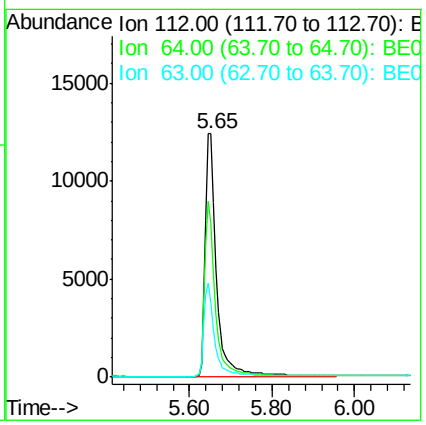


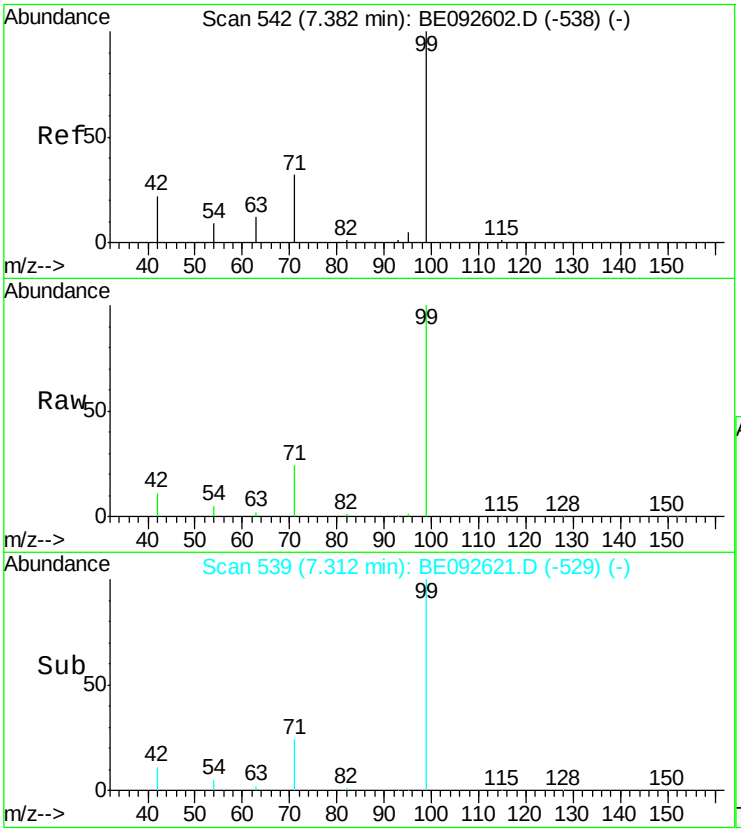


#4
2-Fluorophenol
Concen: 10.04 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.03 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:112 Resp: 23003

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	37.0	27.9	41.9



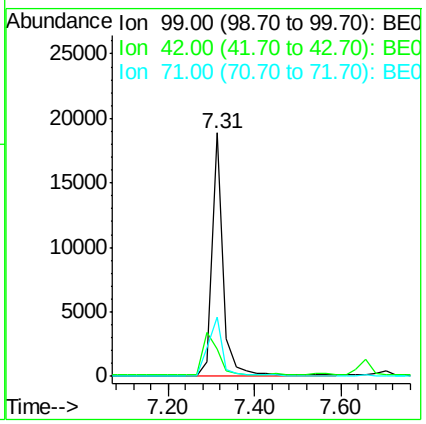


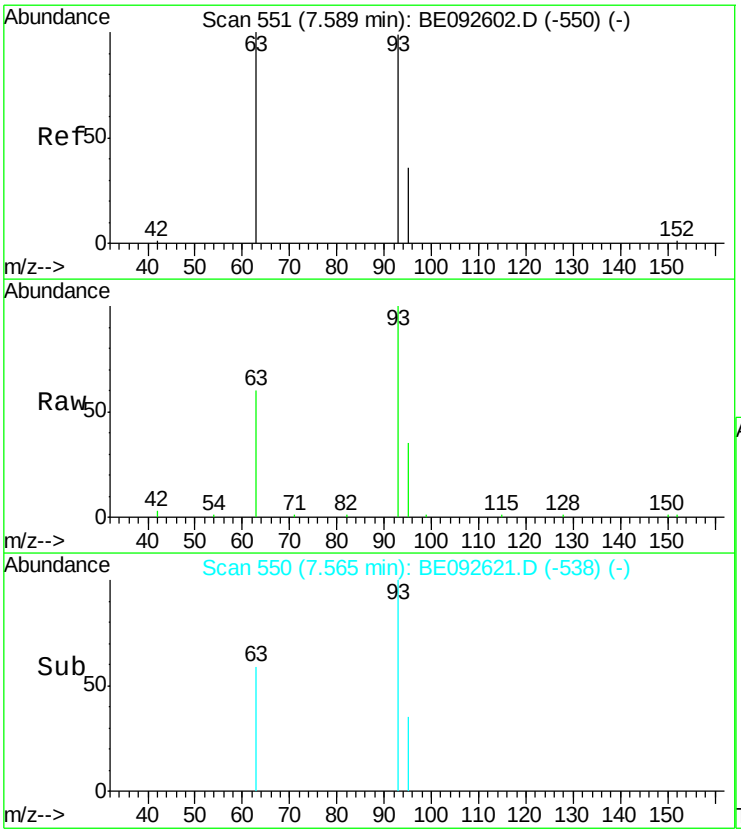
#5
Phenol-d6
Concen: 9.84 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion: 99 Resp: 34228

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.0	24.0#
71	31.6	30.6	45.8

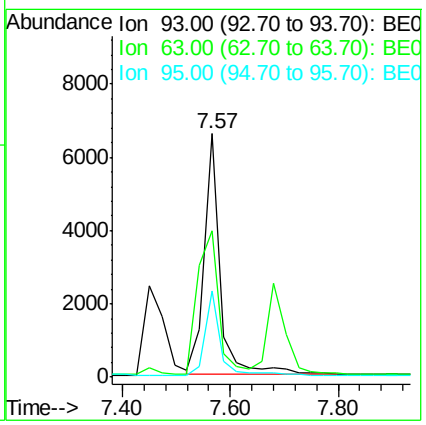


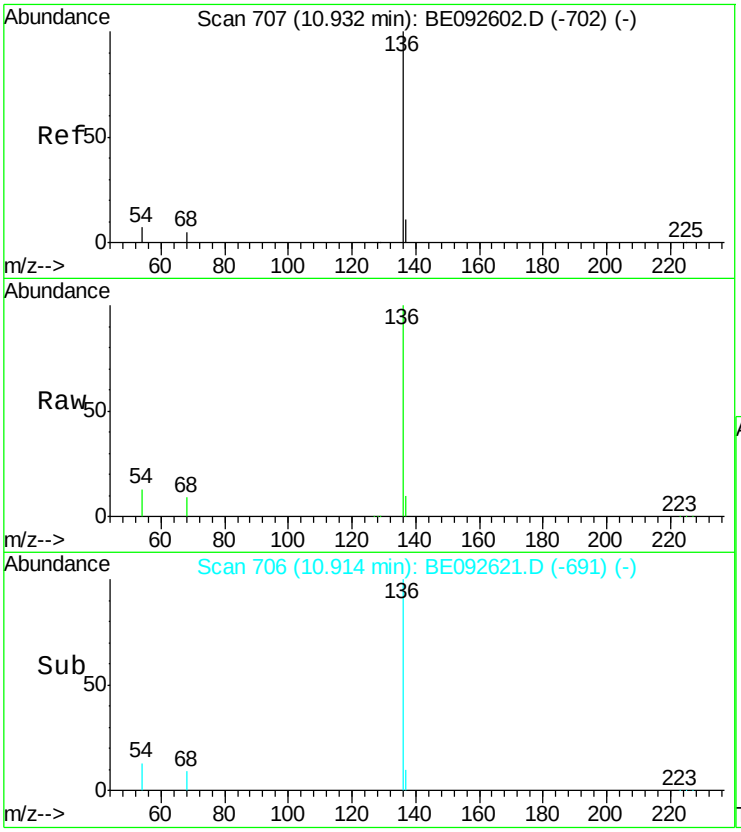


#6
bis(2-Chloroethyl)ether
Concen: 4.04 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion: 93 Resp: 13647

Ion	Ratio	Lower	Upper
93	100		
63	79.6	71.6	107.4
95	32.7	24.0	36.0



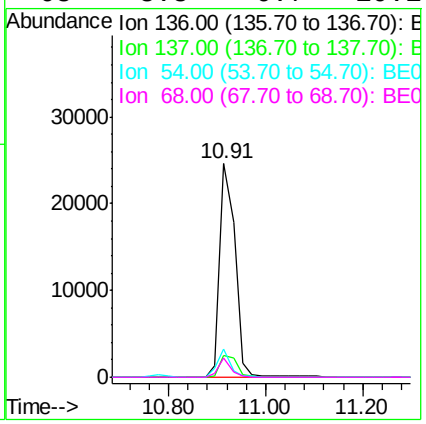


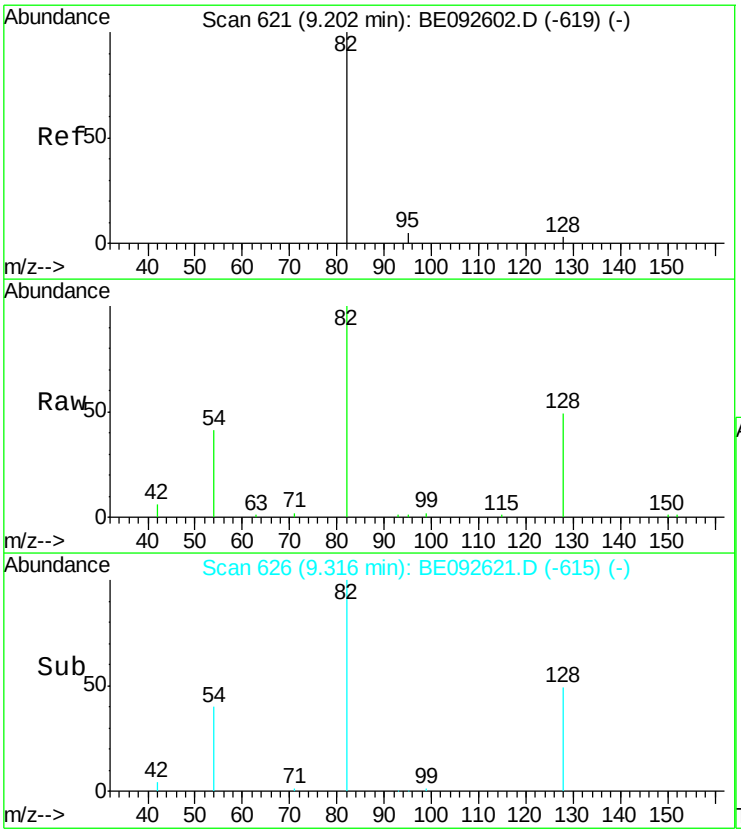
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:136 Resp: 53052

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.4
54	13.3	9.6	14.4
68	8.8	6.7	10.1

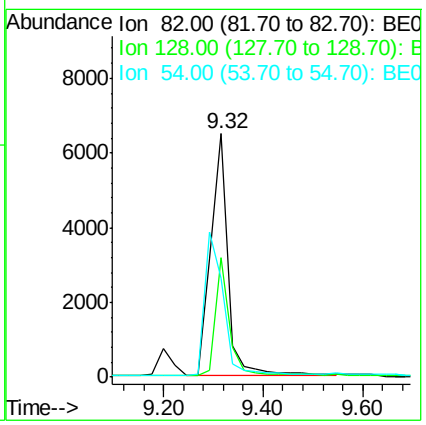


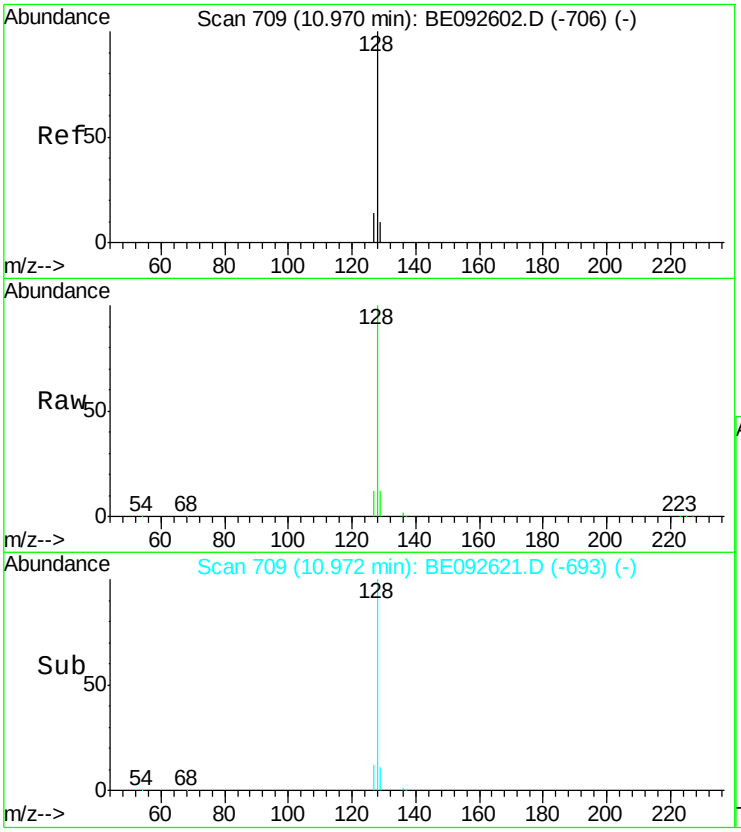


#8
Nitrobenzene-d5
Concen: 4.22 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion: 82 Resp: 15376

Ion	Ratio	Lower	Upper
82	100		
128	49.1	39.0	58.4
54	40.9	44.8	67.2#



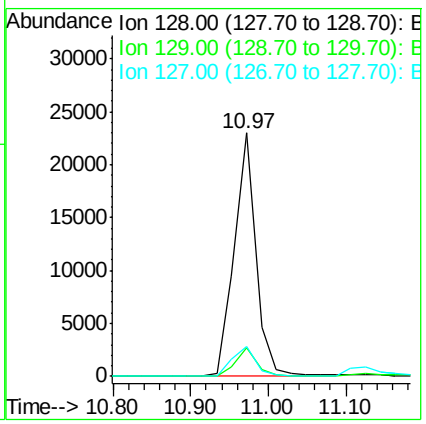


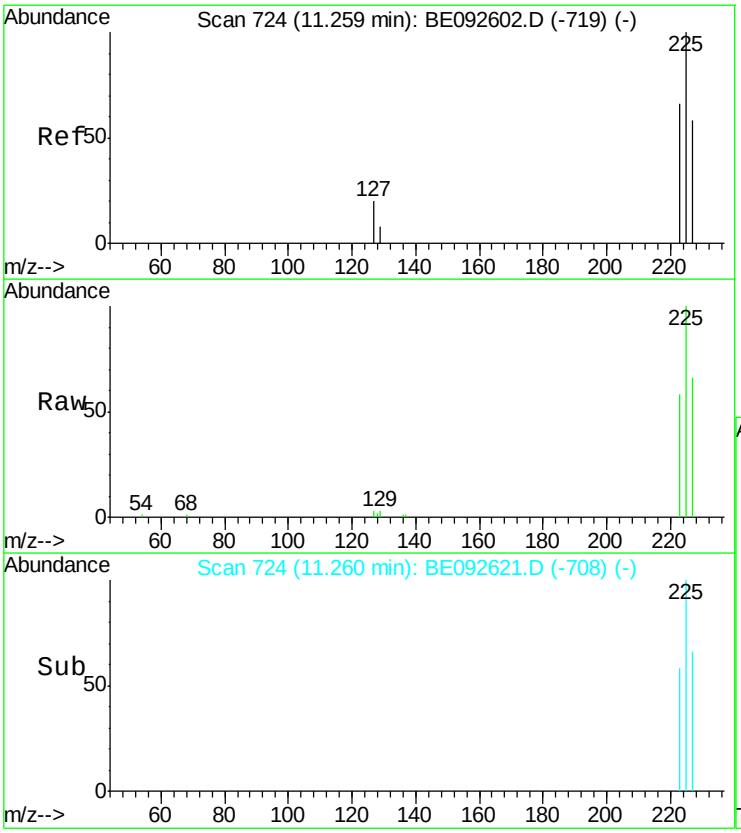
#9
Naphthalene
Concen: 4.04 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:128 Resp: 43993

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.2	16.8
127	12.2	11.6	17.4

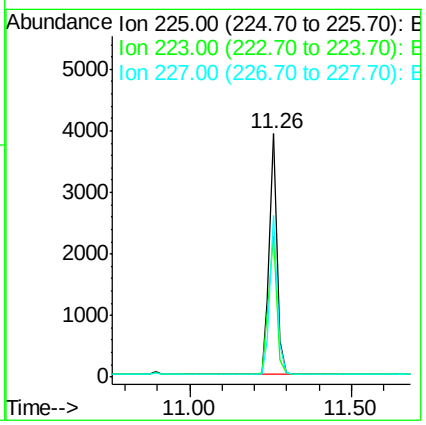


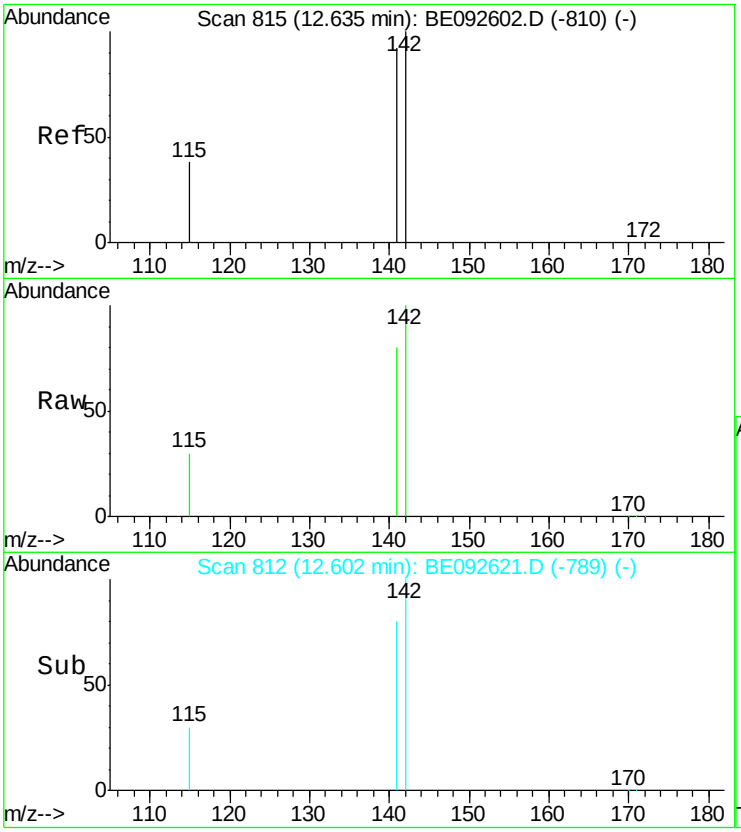


#10
Hexachlorobutadiene
Concen: 3.98 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:225 Resp: 6584

Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.6	76.0
227	64.1	51.4	77.0



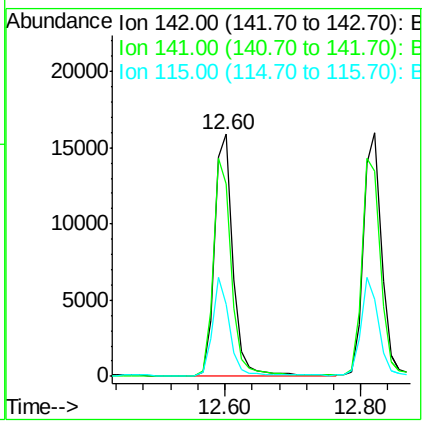


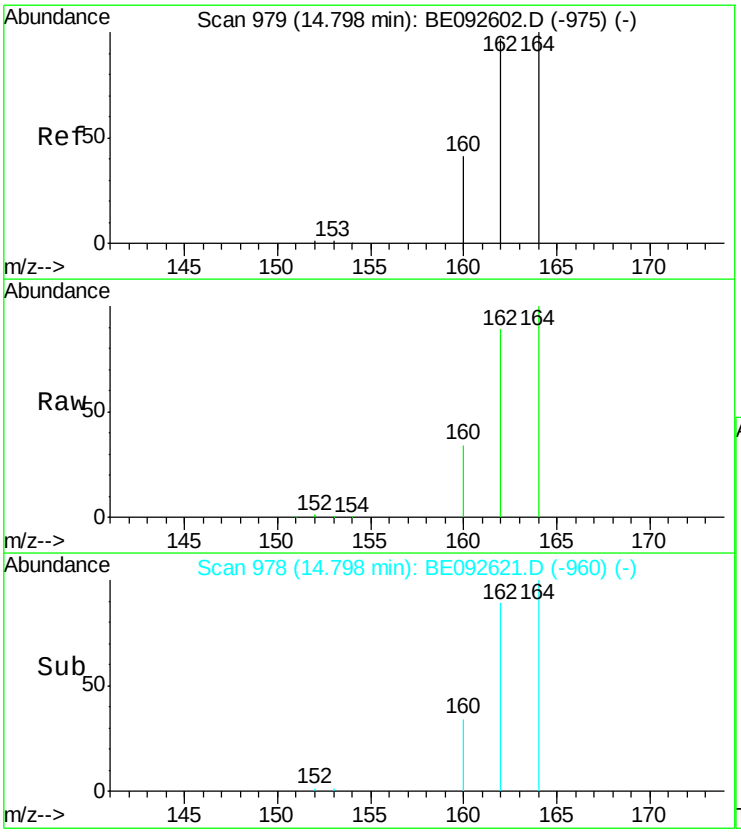
#11
2-Methylnaphthalene
Concen: 4.35 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.03 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:142 Resp: 30165

Ion	Ratio	Lower	Upper
142	100		
141	79.7	73.7	110.5
115	29.6	34.0	51.0#

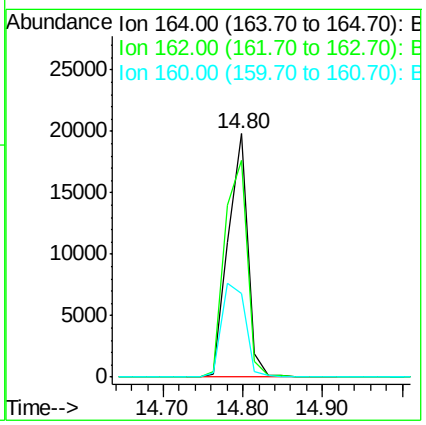


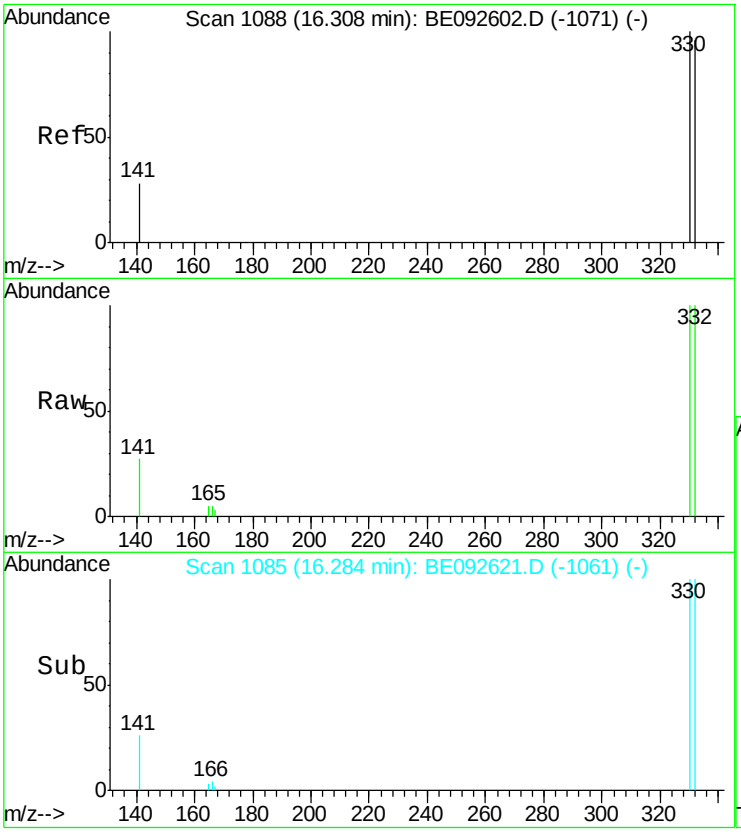


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 978
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:164 Resp: 33730

Ion	Ratio	Lower	Upper
164	100		
162	89.0	71.4	107.0
160	34.3	27.4	41.2



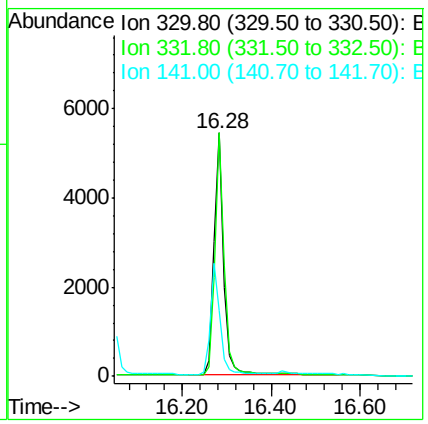


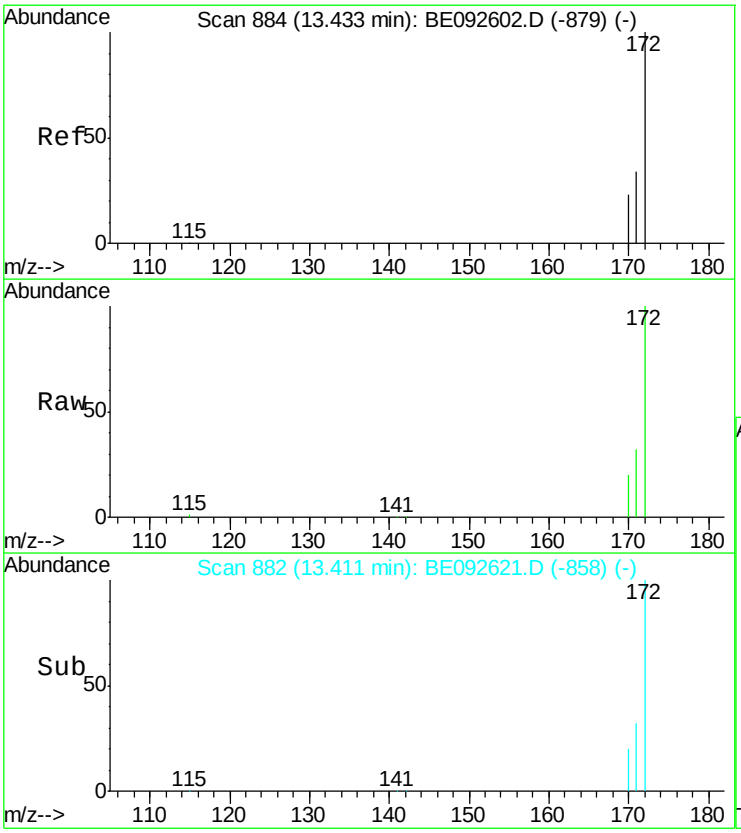
#13
2,4,6-Tribromophenol
Concen: 8.32 ng
RT: 16.28 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:330 Resp: 8108

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.4	113.0
141	45.5	31.0	46.6

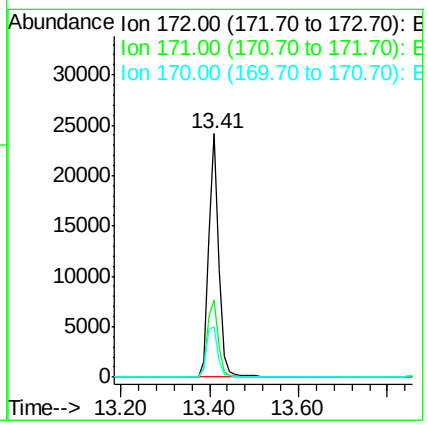


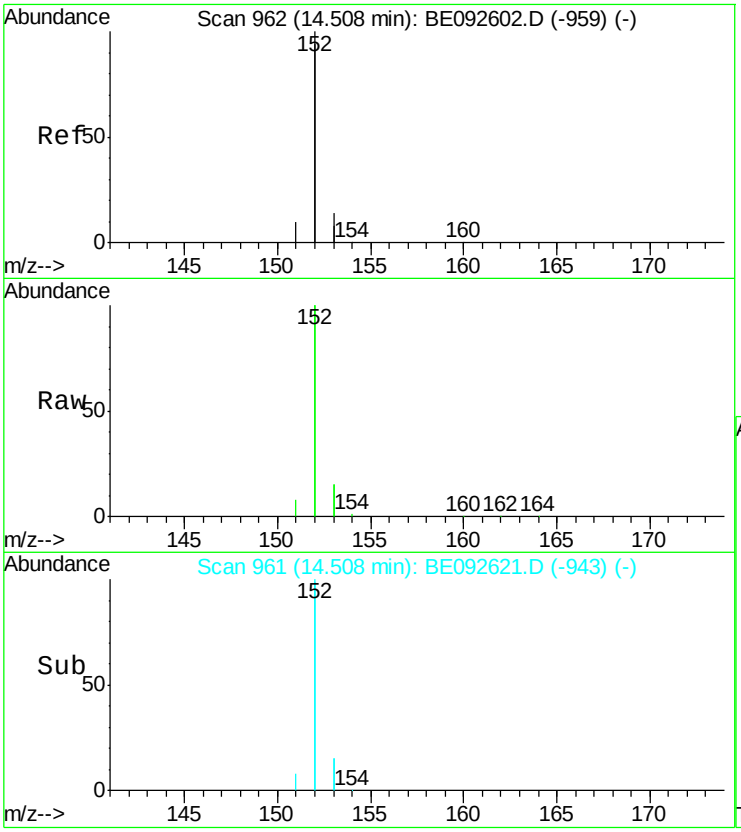


#14
2-Fluorobiphenyl
Concen: 4.62 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:172 Resp: 37277

Ion	Ratio	Lower	Upper
172	100		
171	32.0	30.1	45.1
170	20.5	21.8	32.6#



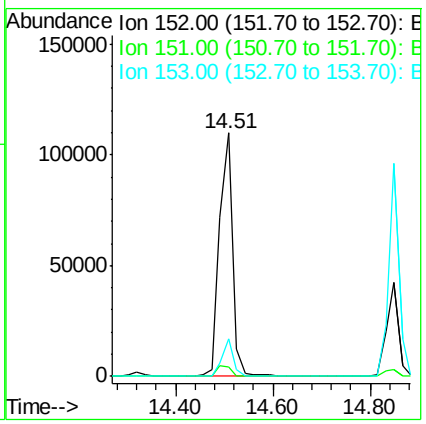


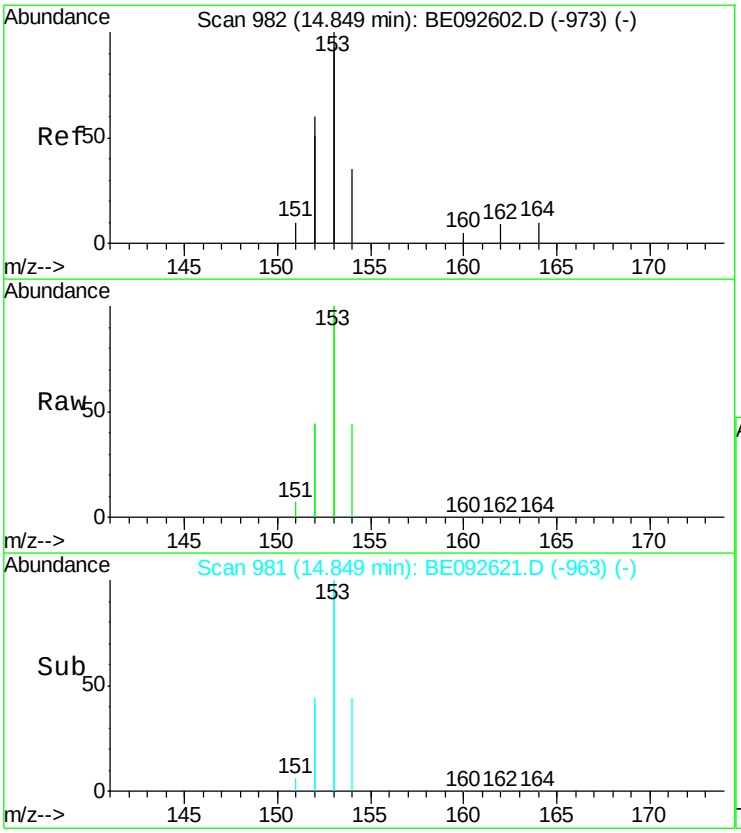
#15
Acenaphthylene
Concen: 4.38 ng
RT: 14.51 min Scan# 961
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:152 Resp: 203681

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

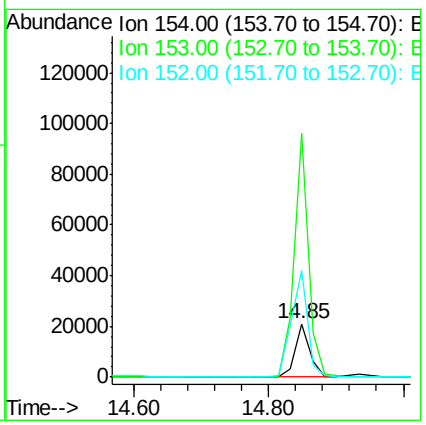


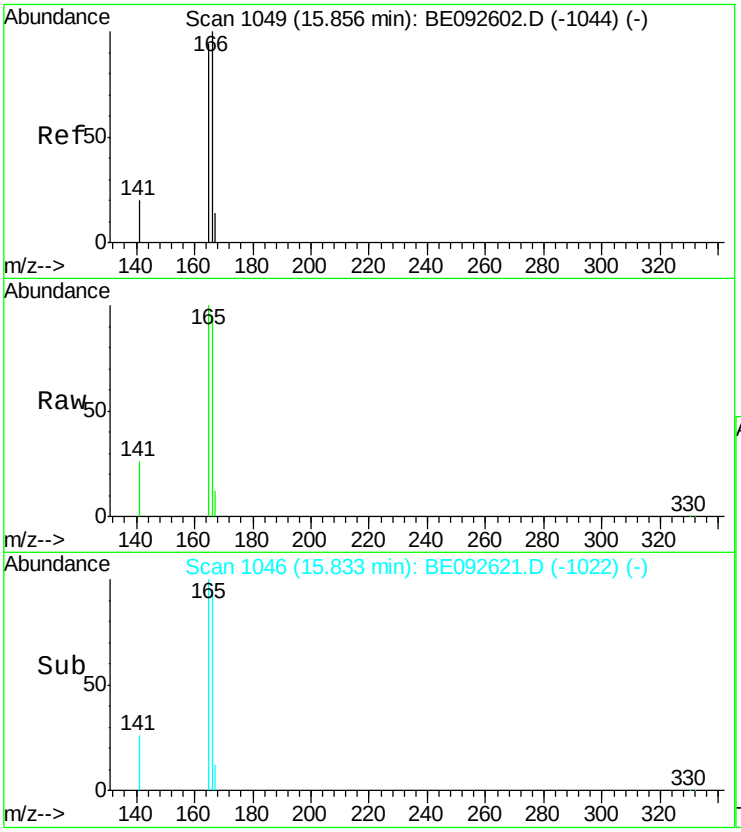


#16
Acenaphthene
Concen: 4.04 ng
RT: 14.85 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:154 Resp: 30999

Ion	Ratio	Lower	Upper
154	100		
153	455.2	350.8	526.2
152	224.2	171.1	256.7



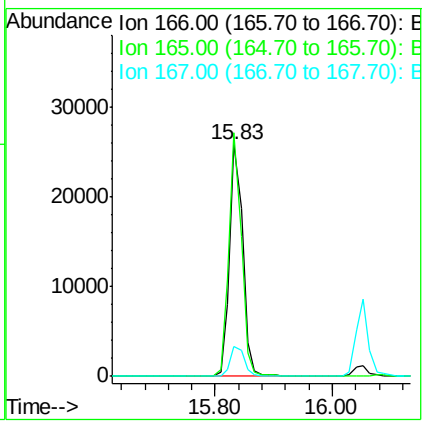


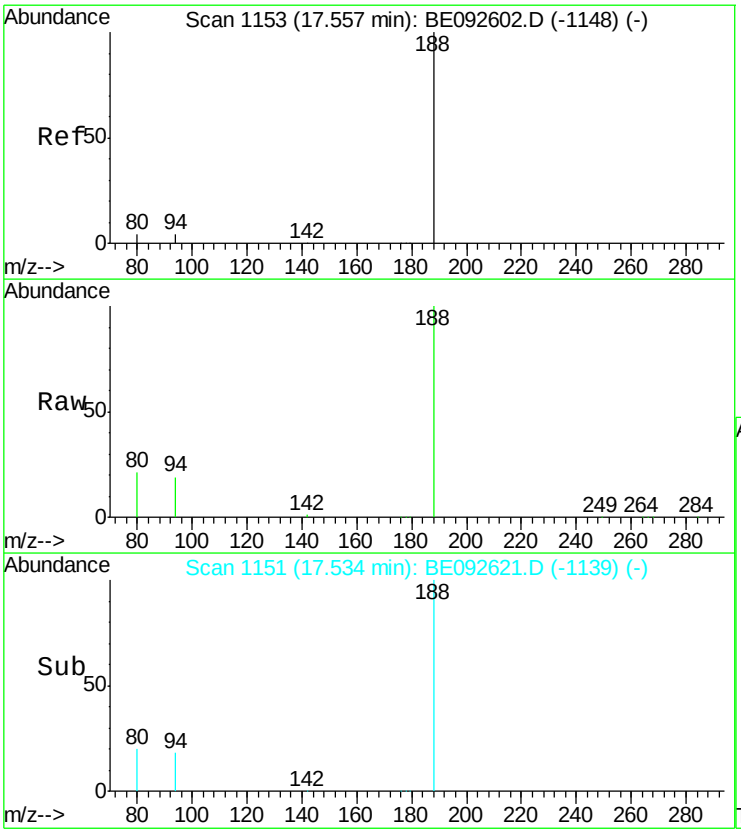
#17
Fluorene
Concen: 4.26 ng
RT: 15.83 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:166 Resp: 40176

Ion	Ratio	Lower	Upper
166	100		
165	100.0	78.2	117.4
167	13.4	11.0	16.4

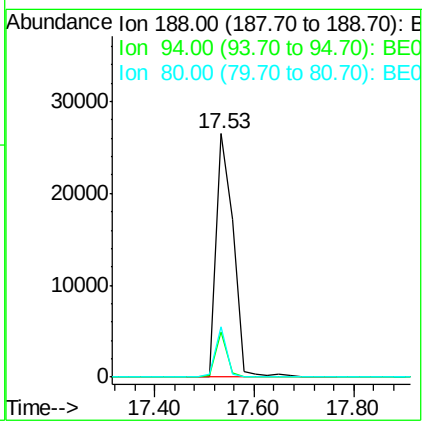


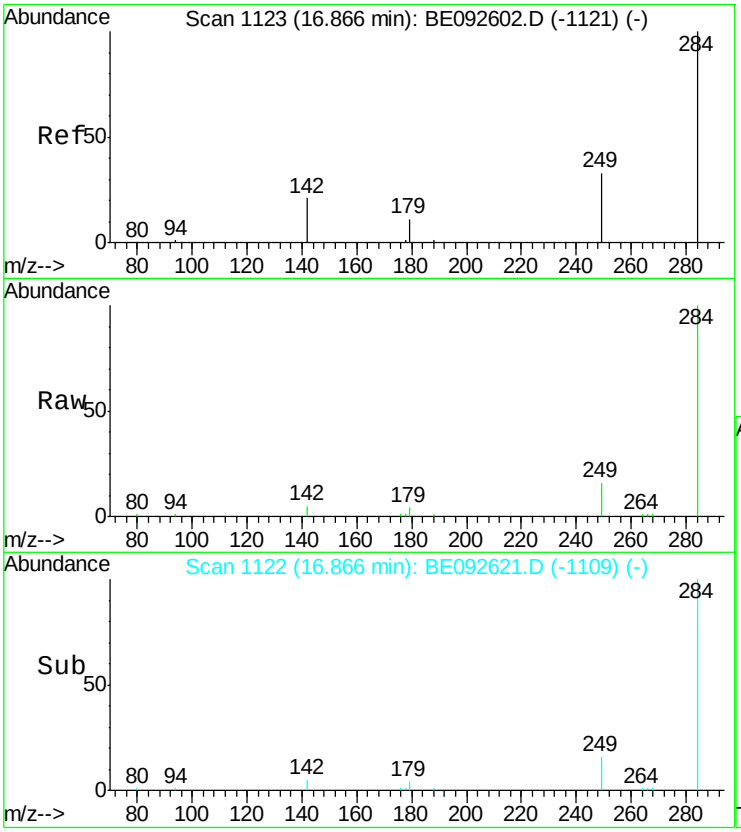


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:188 Resp: 62423

Ion	Ratio	Lower	Upper
188	100		
94	18.7	3.2	4.8#
80	20.6	2.6	3.8#



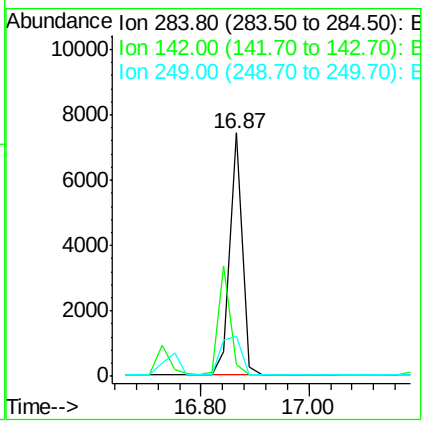


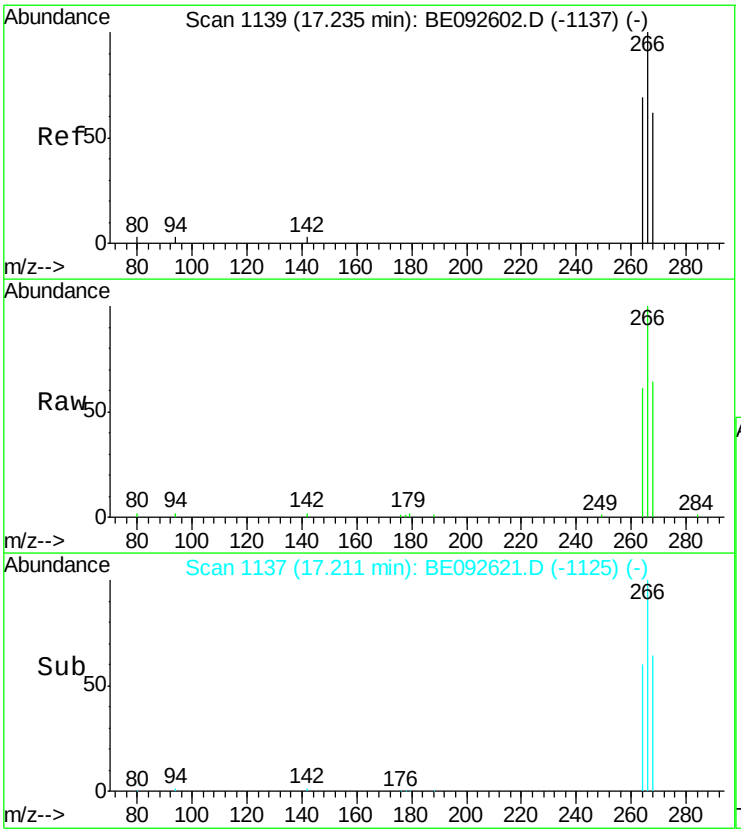
#19
Hexachlorobenzene
Concen: 4.35 ng
RT: 16.87 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:284 Resp: 11612

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	28.1	27.9	41.9

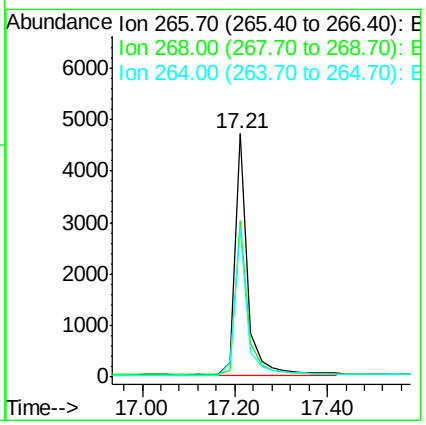


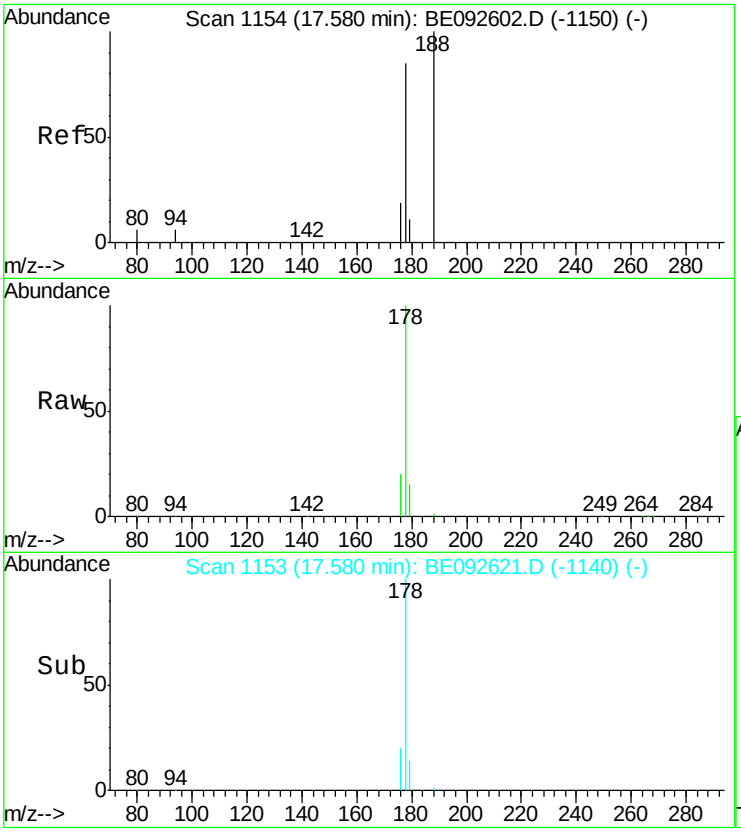


#20
Pentachlorophenol
Concen: 7.32 ng
RT: 17.21 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:266 Resp: 8859

Ion	Ratio	Lower	Upper
266	100		
268	64.2	62.5	93.7
264	60.6	57.2	85.8



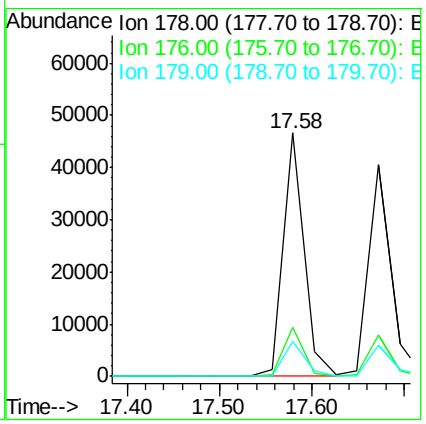


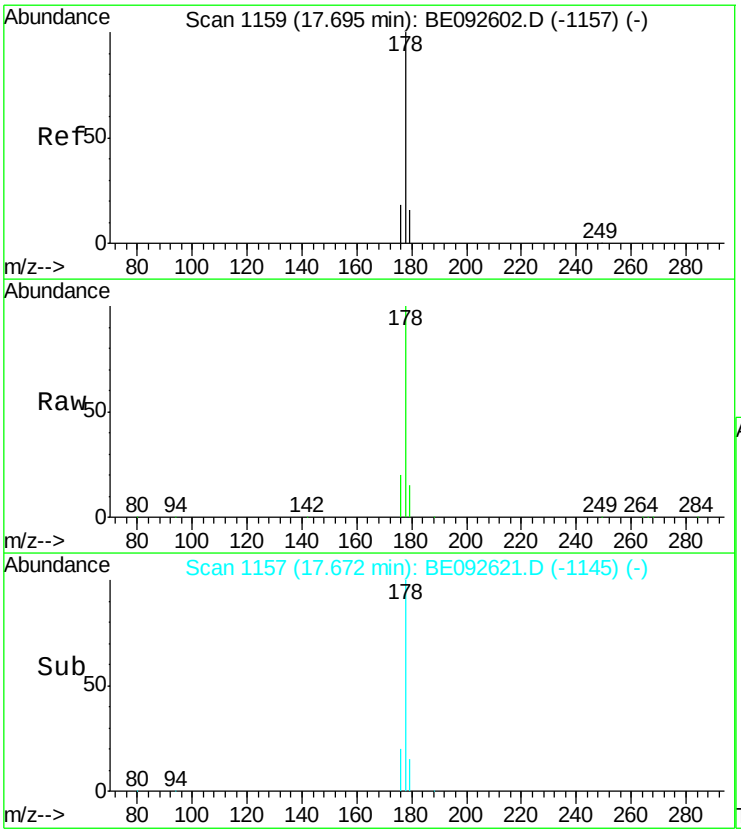
#21
Phenanthrene
Concen: 4.64 ng
RT: 17.58 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:178 Resp: 73117

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.0	16.0	24.0#

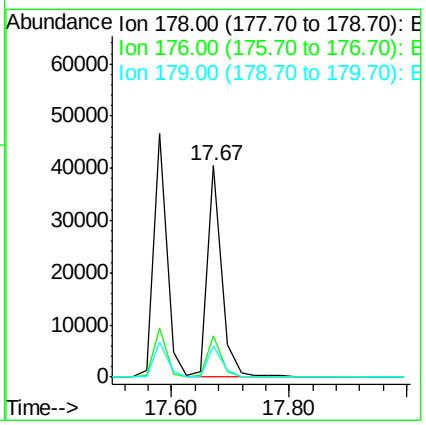


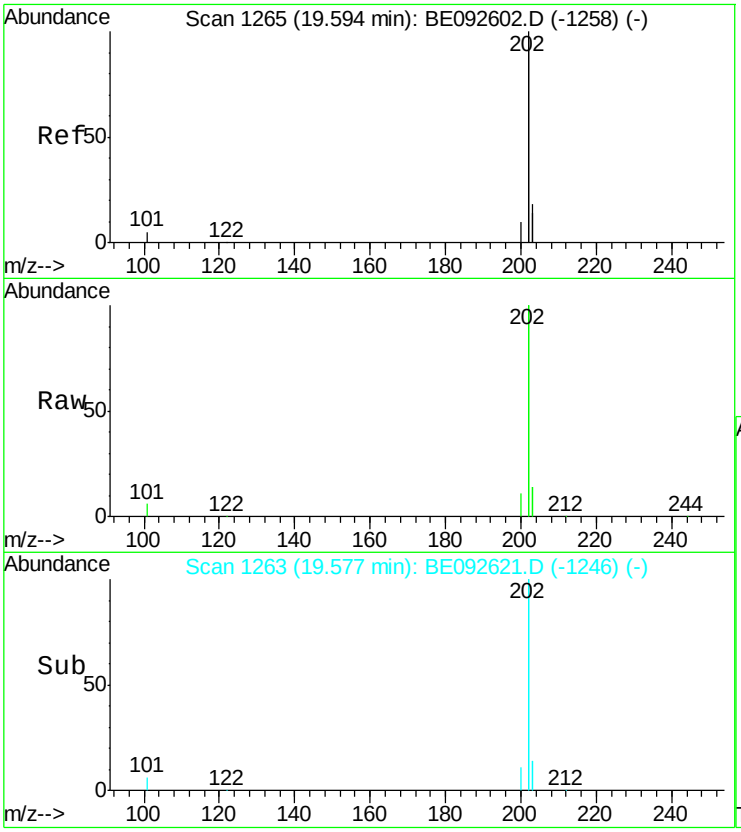


#22
Anthracene
Concen: 4.72 ng
RT: 17.67 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:178 Resp: 67868

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.0	22.4
179	15.2	12.2	18.2



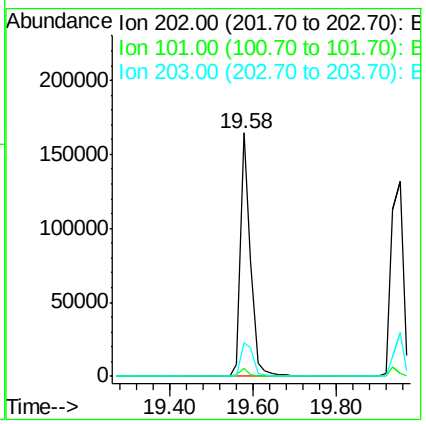


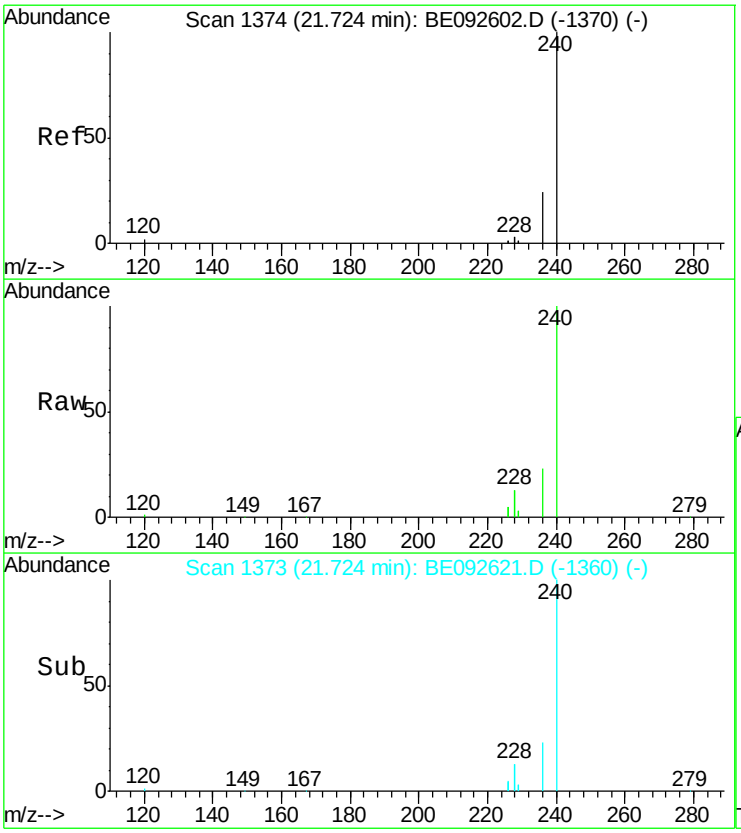
#23
Fluoranthene
Concen: 4.04 ng
RT: 19.58 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:202 Resp: 274484

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.4	13.7	20.5

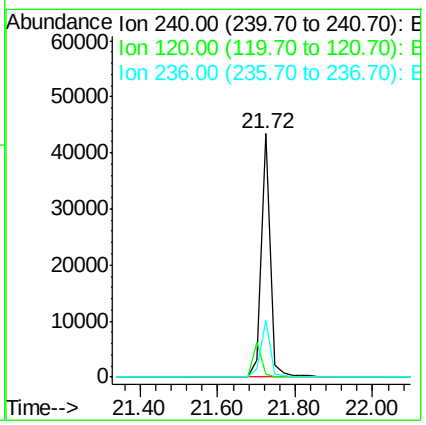


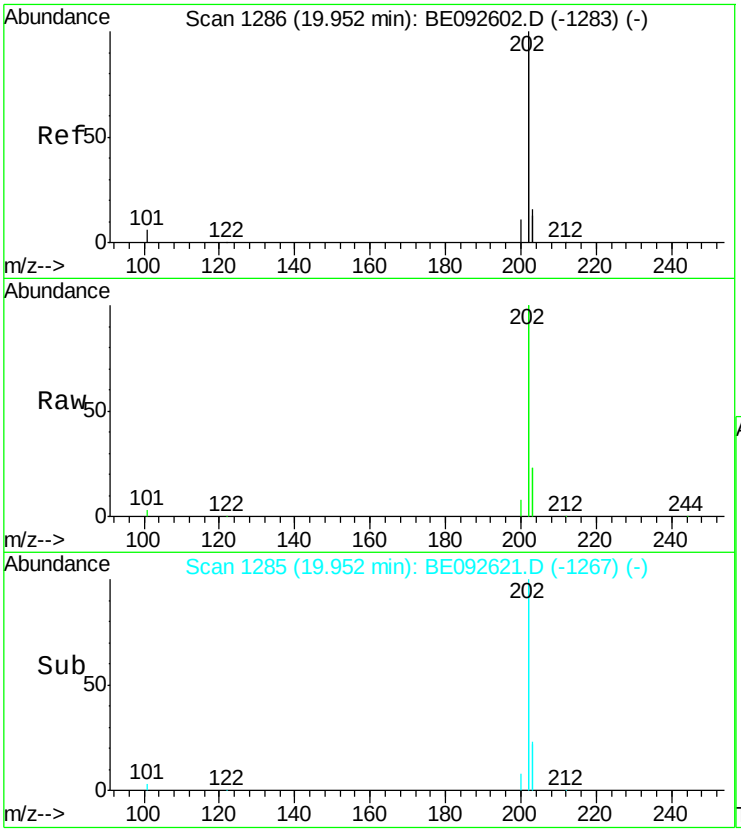


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:240 Resp: 68070

Ion	Ratio	Lower	Upper
240	100		
120	1.1	2.6	4.0#
236	23.4	24.6	37.0#



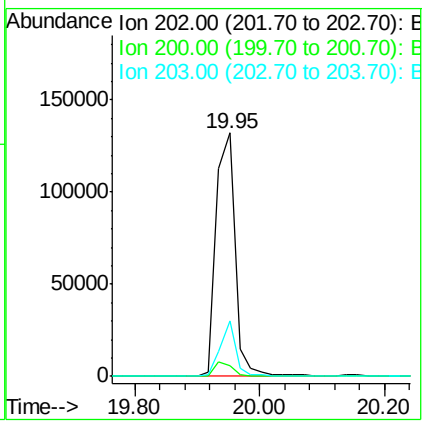


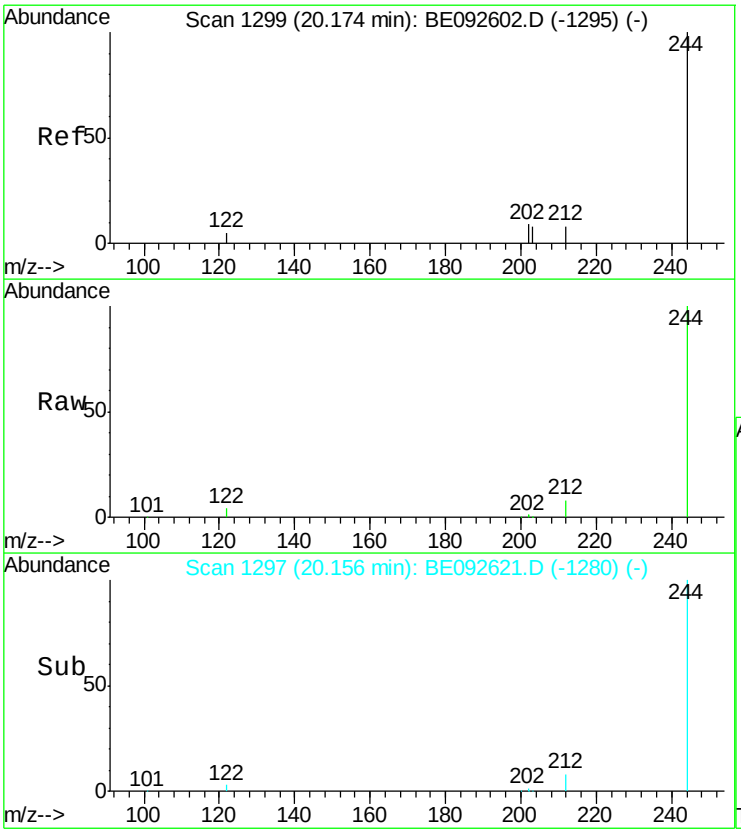
#25
Pyrene
Concen: 4.59 ng
RT: 19.95 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:202 Resp: 275169

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

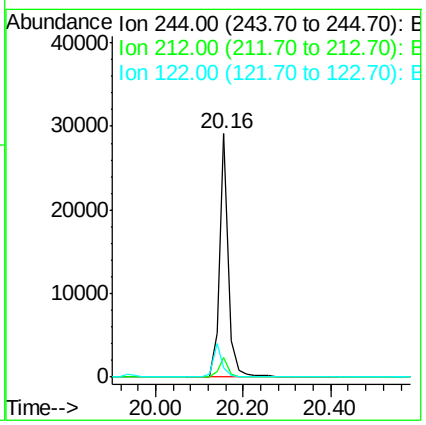


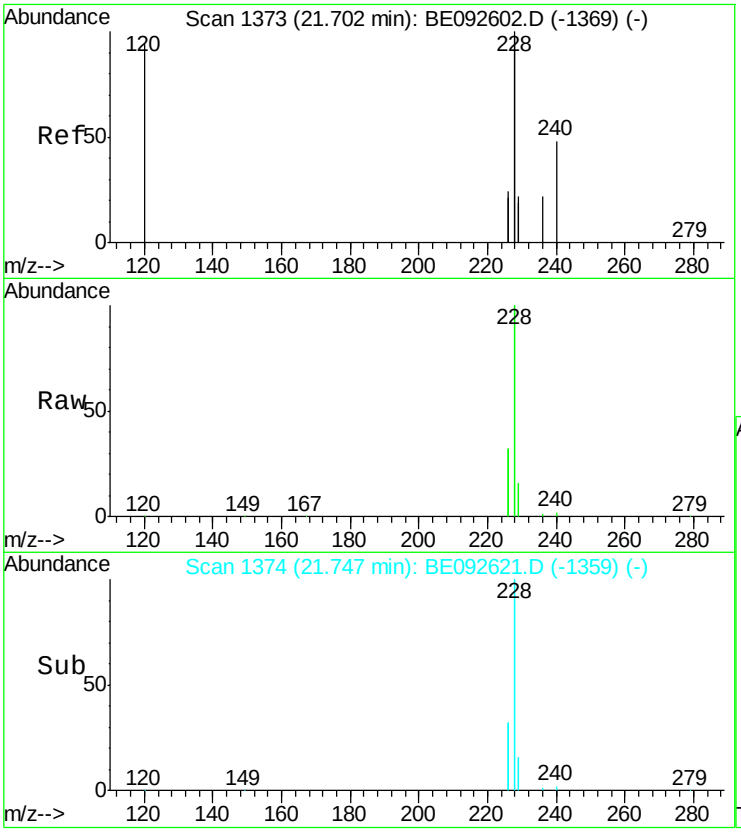


#26
Terphenyl-d14
Concen: 4.97 ng
RT: 20.16 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:244 Resp: 41460

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.7	10.1
122	3.6	3.6	5.4



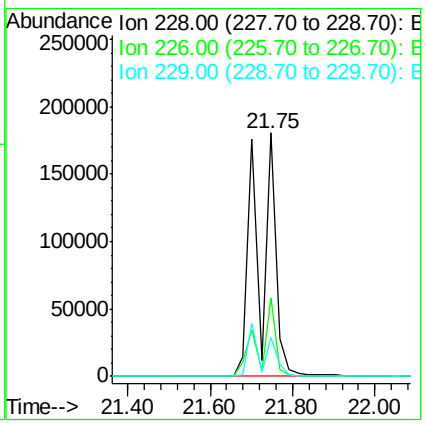


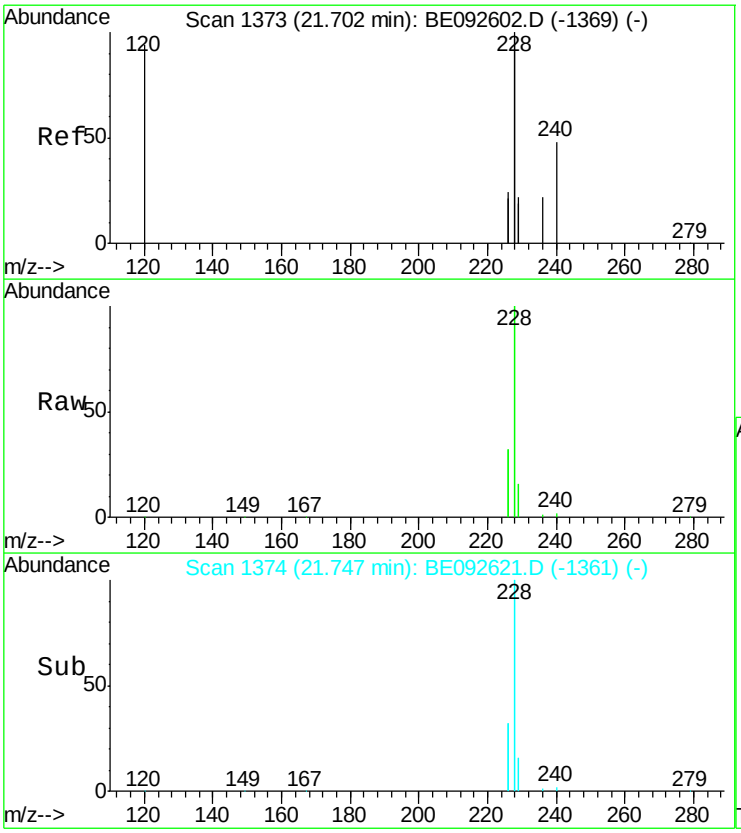
#27
Benzo(a)anthracene
Concen: 9.34 ng
RT: 21.75 min Scan# 1374
Delta R.T. 0.05 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:228 Resp: 571195

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.6	35.4
229	15.8	13.3	19.9

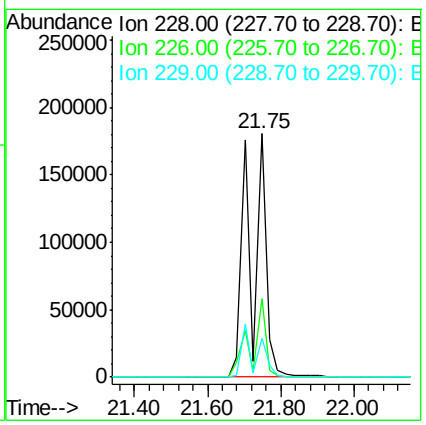


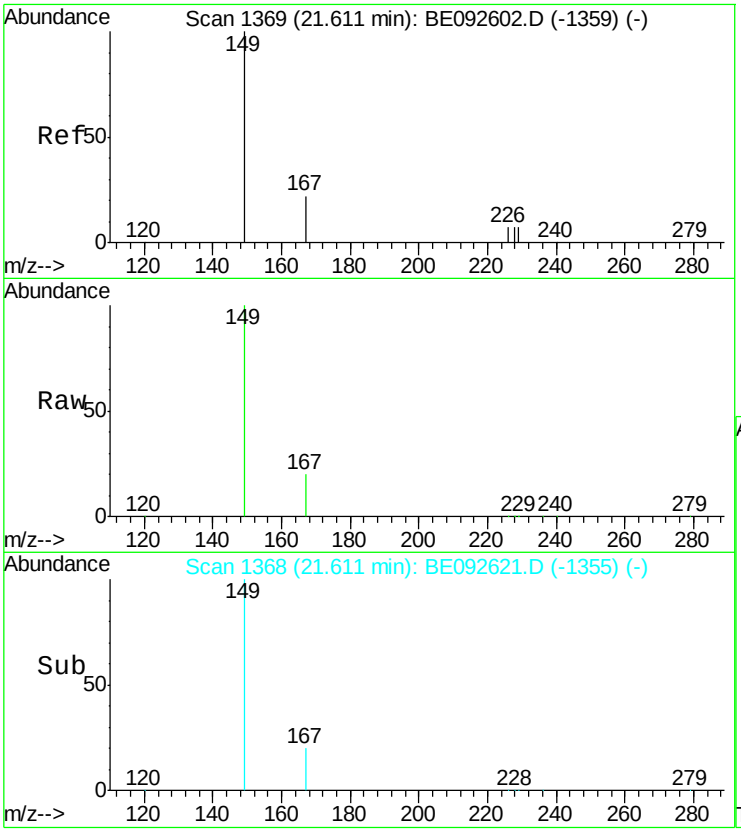


#28
Chrysene
Concen: 8.08 ng
RT: 21.75 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:228 Resp: 572601

Ion	Ratio	Lower	Upper
228	100		
226	32.3	36.3	54.5#
229	15.8	10.6	16.0



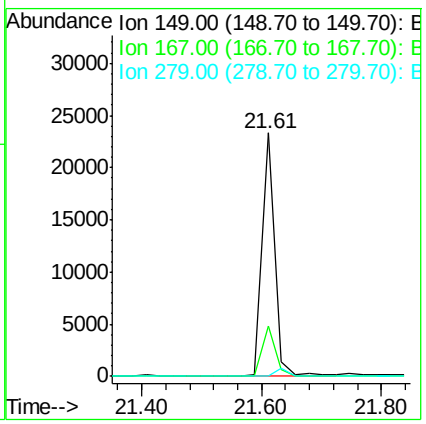


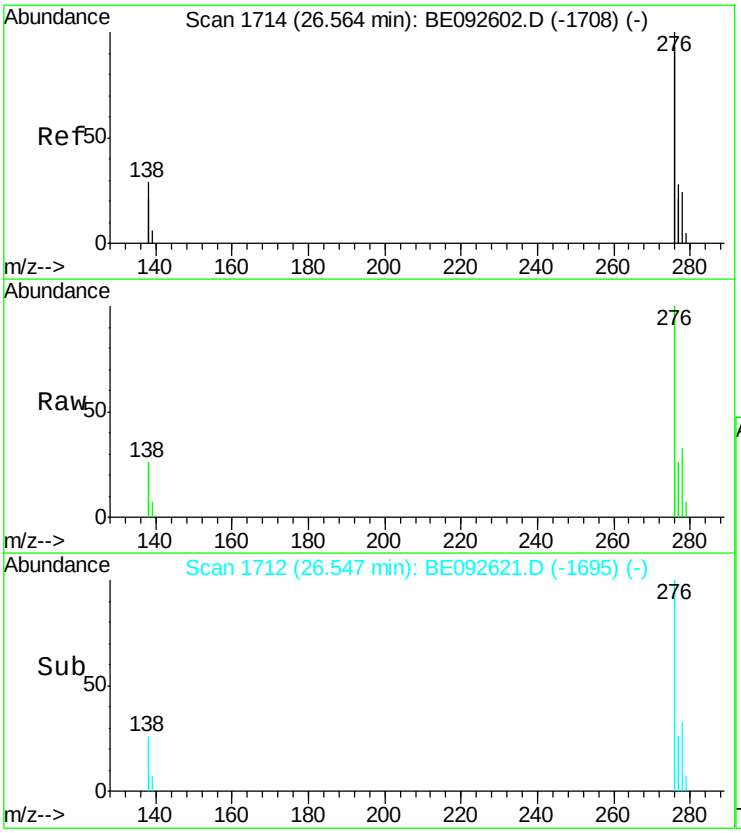
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.80 ng
RT: 21.61 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:149 Resp: 33987

Ion	Ratio	Lower	Upper
149	100		
167	21.5	16.0	24.0
279	0.0	16.0	24.0#

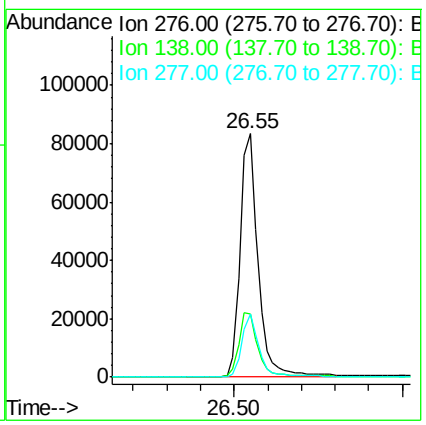


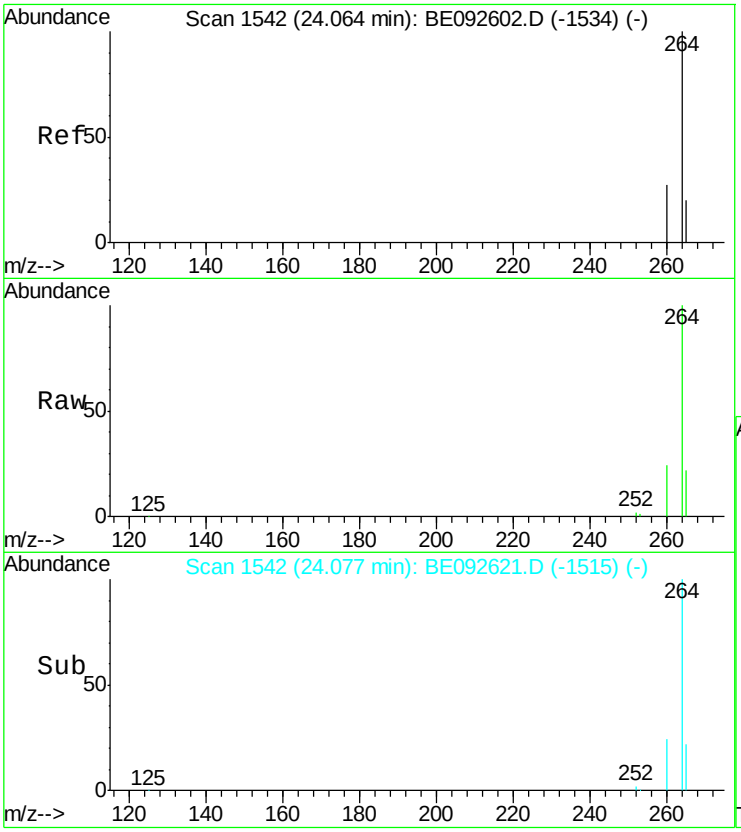


#30
Indeno(1,2,3-cd)pyrene
Concen: 4.81 ng
RT: 26.55 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:276 Resp: 307622

Ion	Ratio	Lower	Upper
276	100		
138	27.7	20.3	30.5
277	24.7	19.7	29.5



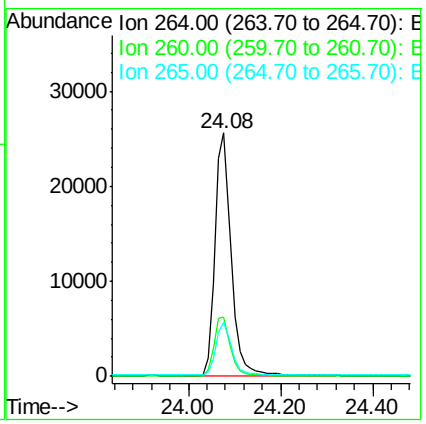


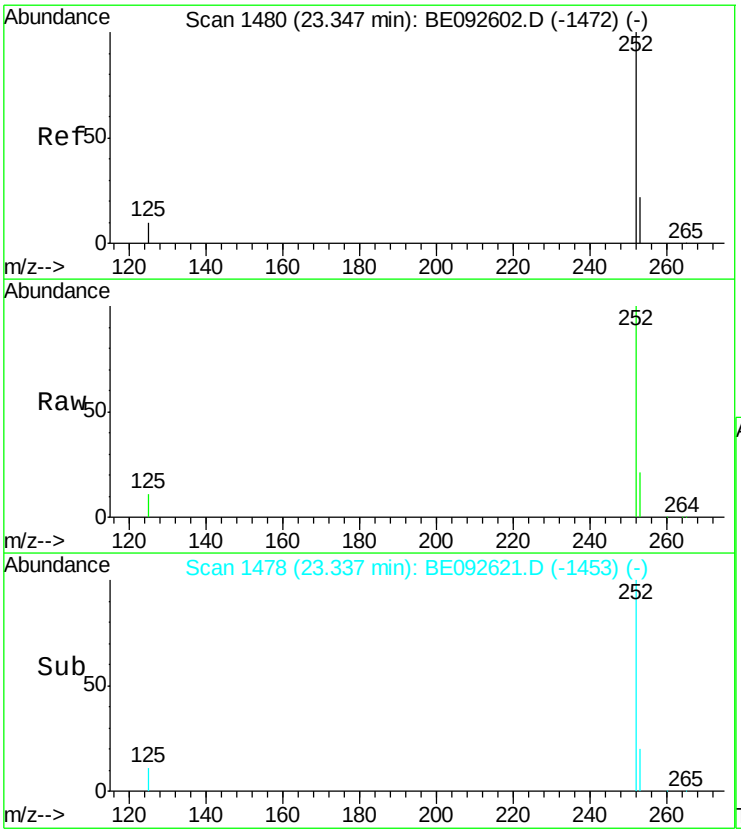
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:264 Resp: 61312

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	22.2	17.9	26.9

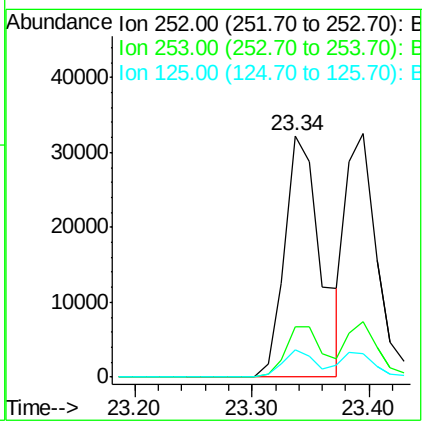


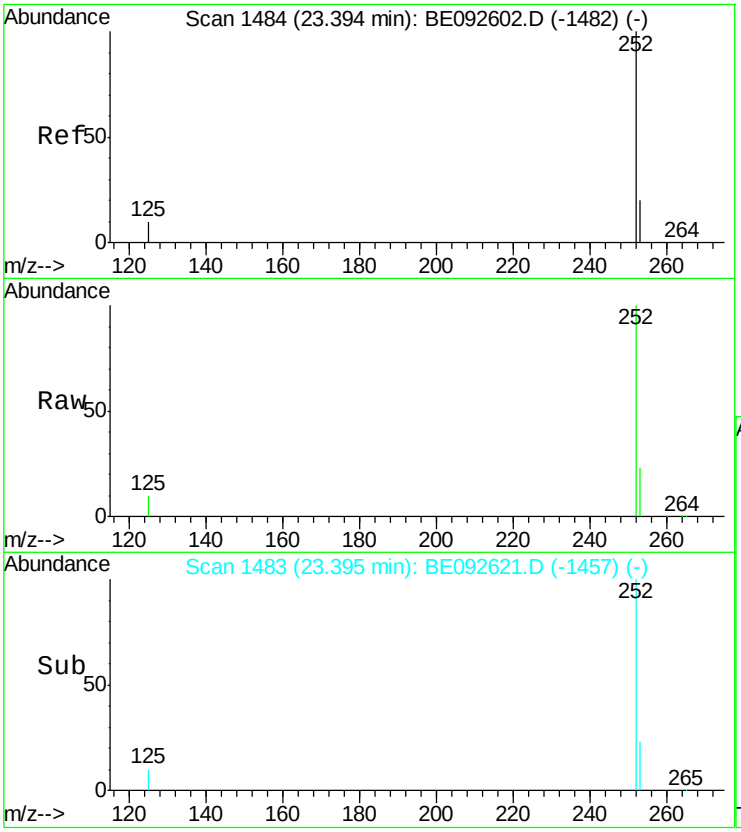


#32
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 23.34 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:252 Resp: 68632

Ion	Ratio	Lower	Upper
252	100		
253	20.7	18.7	28.1
125	11.1	10.5	15.7



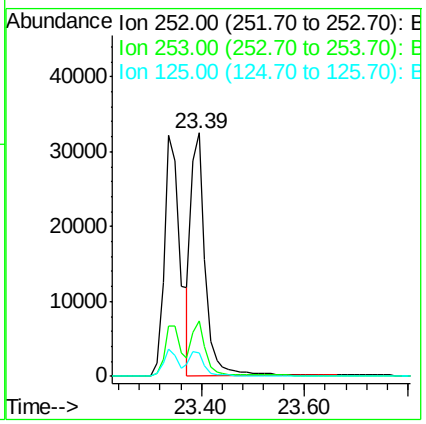


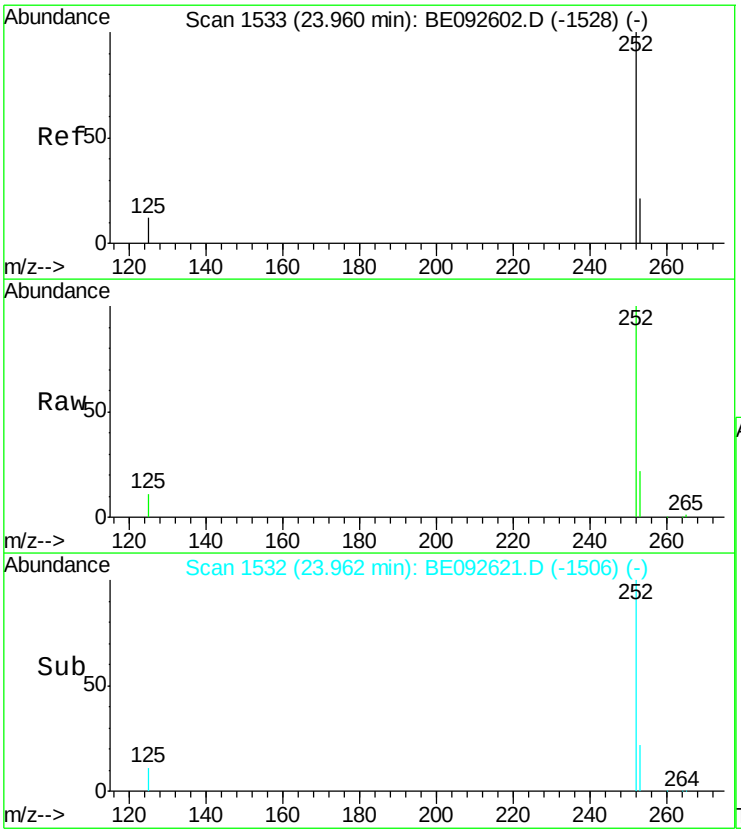
#33
Benzo(k)fluoranthene
Concen: 3.89 ng
RT: 23.39 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:252 Resp: 61192

Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	9.9	9.6	14.4

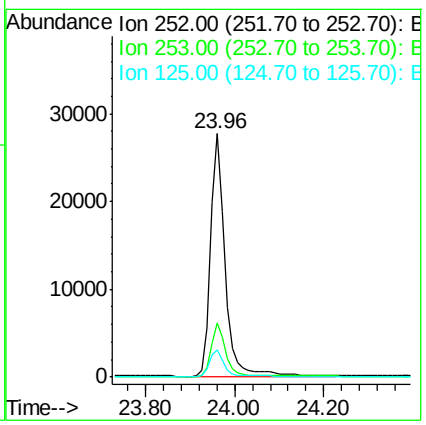


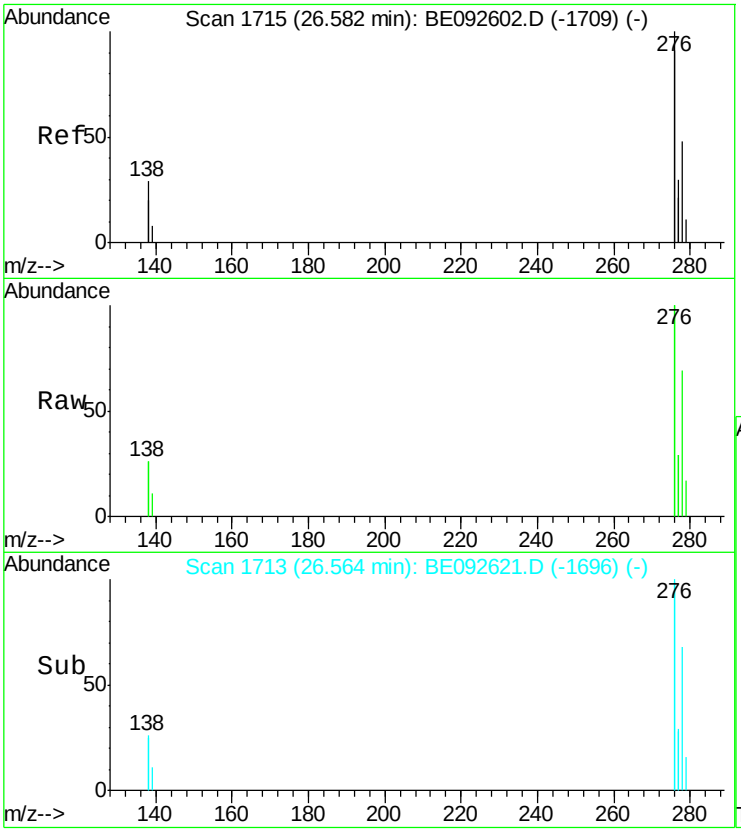


#34
Benzo(a)pyrene
Concen: 4.60 ng
RT: 23.96 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:252 Resp: 62661

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.0	28.6
125	11.5	11.8	17.8#



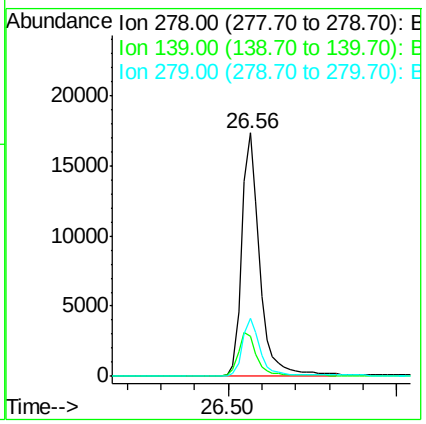


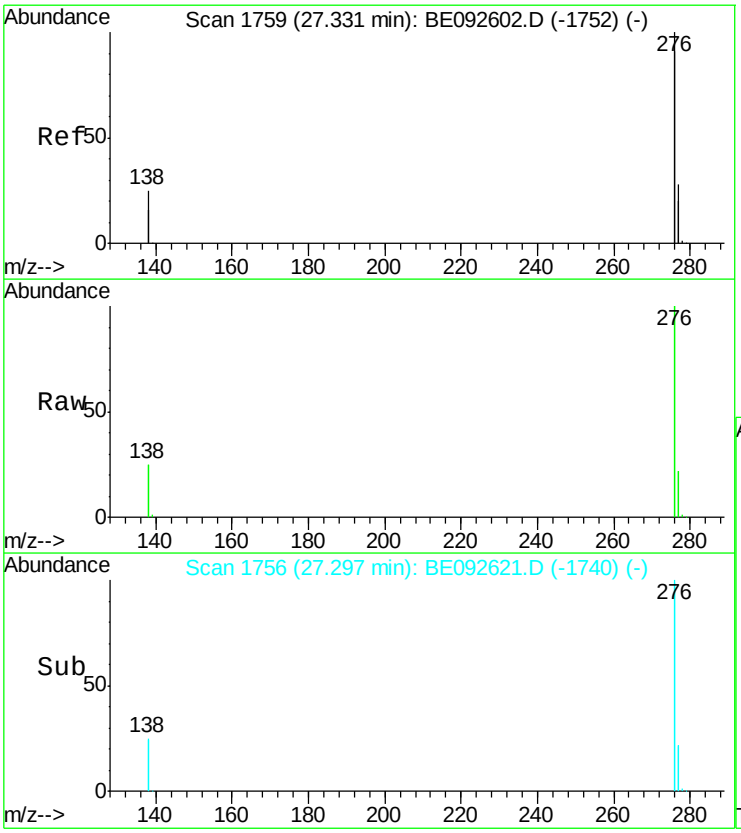
#35
Dibenzo(a,h)anthracene
Concen: 4.91 ng
RT: 26.56 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Instrument :
BNA_E
ClientSampleId :
PB95532BSD

Tgt Ion:278 Resp: 63497

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.8	20.8
279	24.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 4.80 ng
RT: 27.30 min Scan# 1756
Delta R.T. -0.03 min
Lab File: BE092621.D
Acq: 27 Dec 2016 13:41

Tgt Ion:276 Resp: 265866

Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.8	29.8
138	24.9	19.8	29.6