Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092535.D
Acq On : 16 Nov 2016 14:43
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Nov 16 15:15:47 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 13:29:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	8219	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	41804	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	30265	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	60544	5.00	ng		0.00
24) Chrysene-d12	21.72	240	85473	5.00	ng		0.00
31) Perylene-d12	24.08	264	70675	5.00	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	18984	10.47	ng		-0.02
5) Phenol-d6	7.31	99	30469	12.60	ng		-0.05
8) Nitrobenzene-d5	9.32	82	29238	10.66	ng		-0.05
13) 2,4,6-Tribromophenol	16.28	330	10350	12.05	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	71955	9.61	ng		-0.02
26) Terphenyl-d14	20.16	244	105378	10.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	9451	7.42	ng		92
3) n-Nitrosodimethylamine	3.73	42	14157	9.52	ng		98
6) bis(2-Chloroethyl)ether	7.57	93	24761	9.36	ng		91
9) Naphthalene	10.97	128	85114	9.41	ng	#	95
10) Hexachlorobutadiene	11.26	225	12454	9.08	ng		100
11) 2-Methylnaphthalene	12.60	142	58854	10.01	ng		92
15) Acenaphthylene	14.51	152	437330	10.07	ng		100
16) Acenaphthene	14.85	154	63546	9.06	ng		89
17) Fluorene	15.84	166	84778	9.62	ng		99
19) Hexachlorobenzene	16.87	284	25211	11.03	ng	#	67
20) Pentachlorophenol	17.21	266	11934	18.06	ng	#	85
21) Phenanthrene	17.58	178	141447	10.81	ng	#	93
22) Anthracene	17.67	178	144912	11.41	ng		99
23) Fluoranthene	19.58	202	672145	10.23	ng		100
25) Pyrene	19.95	202	724591	10.35	ng		99
27) Benzo(a)anthracene	21.70	228	1577443	18.21	ng		93
28) Chrysene	21.70	228	1580937	17.03	ng	#	73
29) Bis(2-ethylhexyl)phthalate	21.61	149	78241	8.56	ng	#	56
30) Indeno(1,2,3-cd)pyrene	26.55	276	806556	8.53	ng		97
32) Benzo(b)fluoranthene	23.39	252	176631	6.63	ng		95
33) Benzo(k)fluoranthene	23.39	252	177640	6.37	ng		94
34) Benzo(a)pyrene	23.97	252	169813	9.30	ng	#	95
35) Dibenzo(a,h)anthracene	26.56	278	168659	9.81	ng		94
36) Benzo(g,h,i)perylene	27.31	276	692195	9.78	ng		97

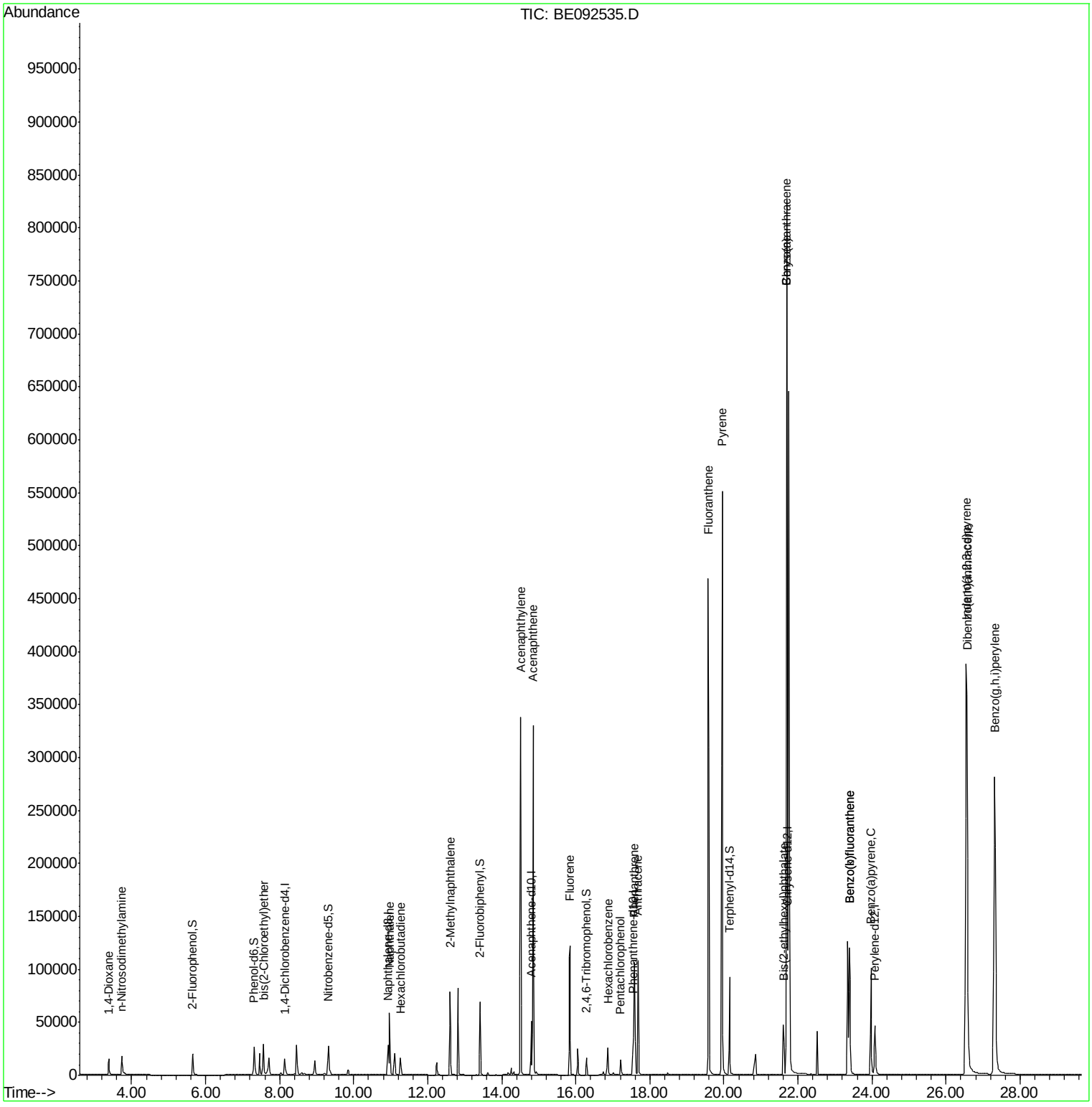
(#) = qualifier out of range (m) = manual integration (+) = signals summed

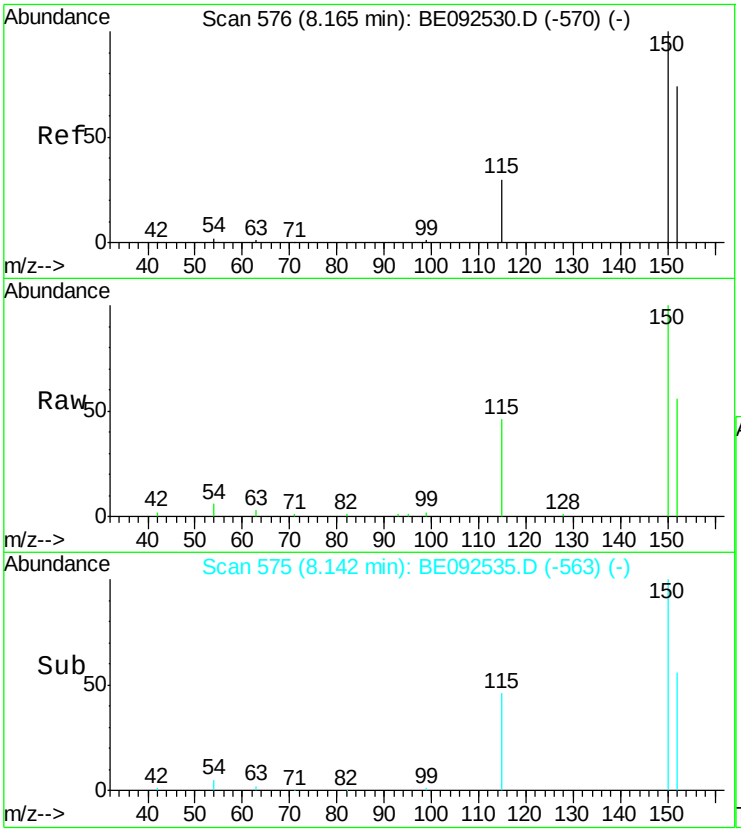
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE111616\
Data File : BE092535.D
Acq On : 16 Nov 2016 14:43
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Nov 16 15:15:47 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 13:29:35 2016
Response via : Initial Calibration



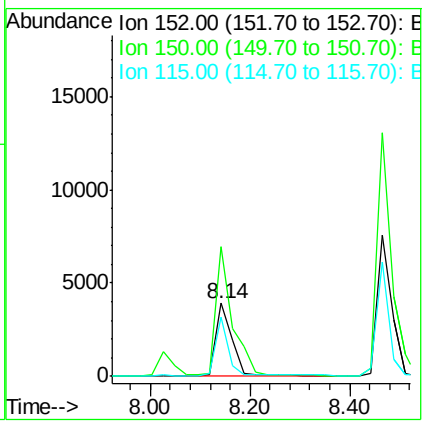


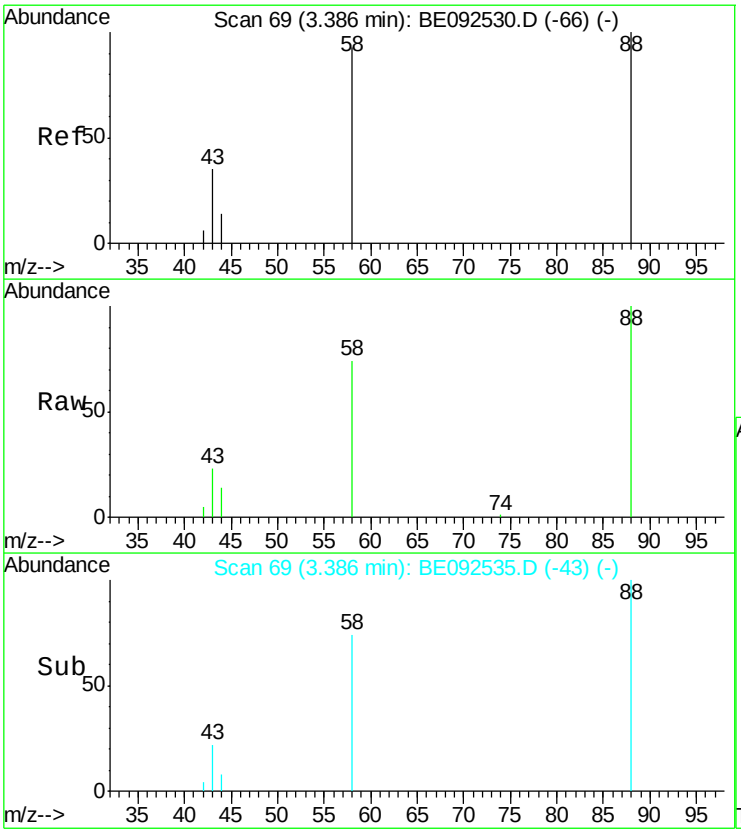
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 8219

Ion	Ratio	Lower	Upper
152	100		
150	178.1	106.0	159.0#
115	82.2	31.2	46.8#

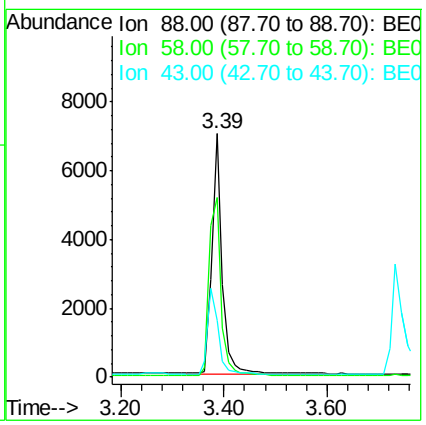


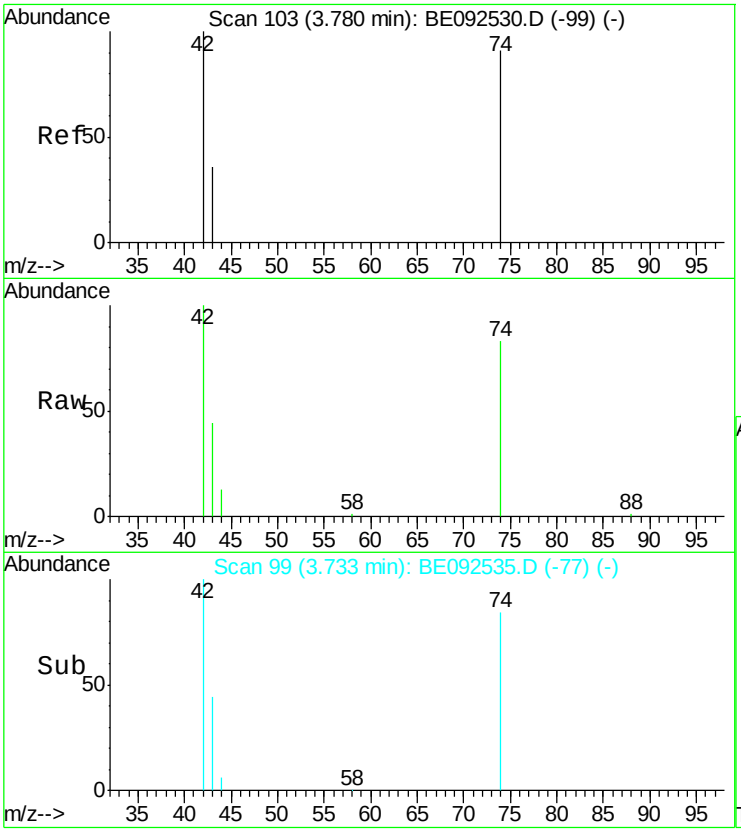


#2
1,4-Dioxane
Concen: 7.42 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion: 88 Resp: 9451

Ion	Ratio	Lower	Upper
88	100		
58	88.1	63.6	95.4
43	36.9	28.0	42.0



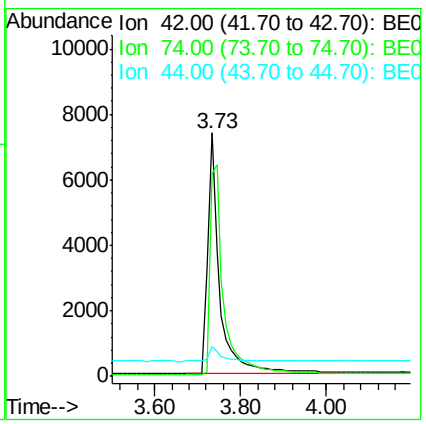


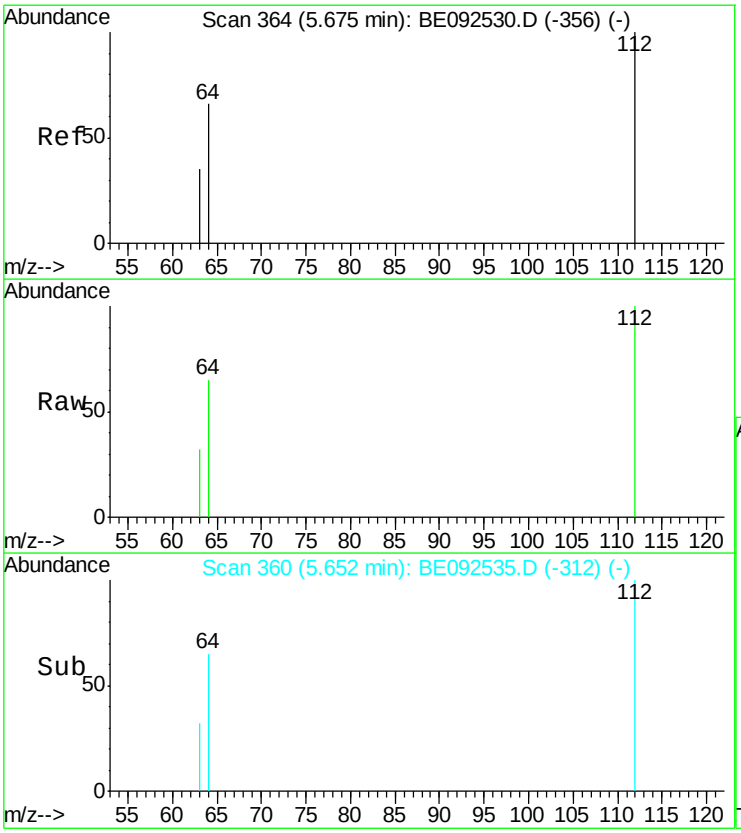
#3
n-Nitrosodimethylamine
Concen: 9.52 ng
RT: 3.73 min Scan# 99
Delta R.T. -0.05 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 14157

Ion	Ratio	Lower	Upper
42	100		
74	104.9	86.0	129.0
44	6.2	5.1	7.7

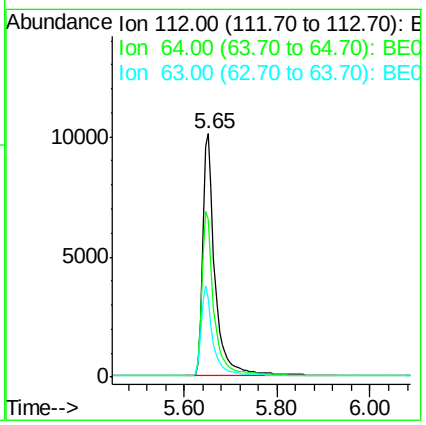


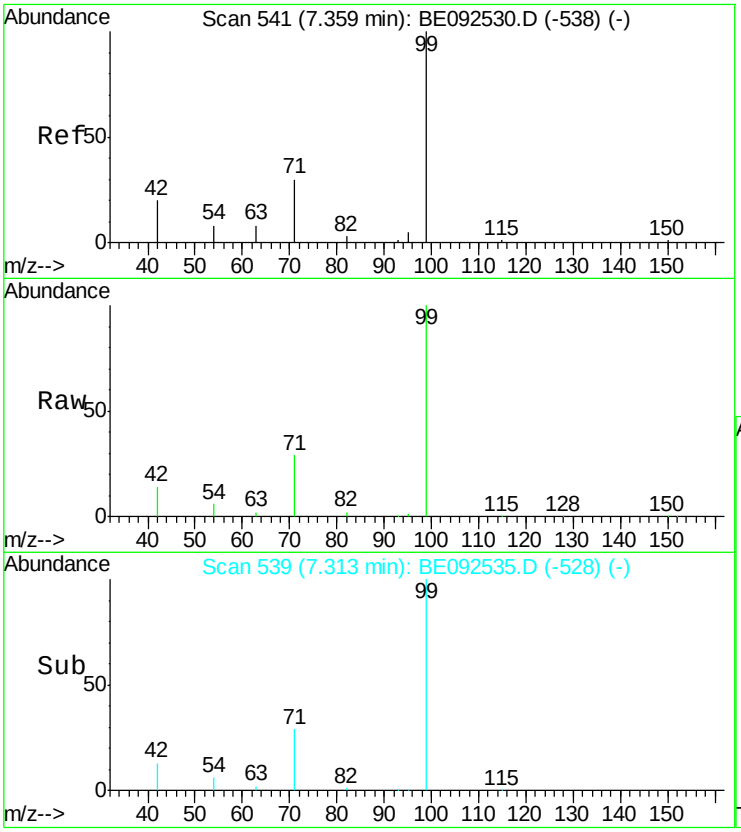


#4
2-Fluorophenol
Concen: 10.47 ng
RT: 5.65 min Scan# 360
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:112 Resp: 18984

Ion	Ratio	Lower	Upper
112	100		
64	68.1	53.5	80.3
63	36.5	27.9	41.9



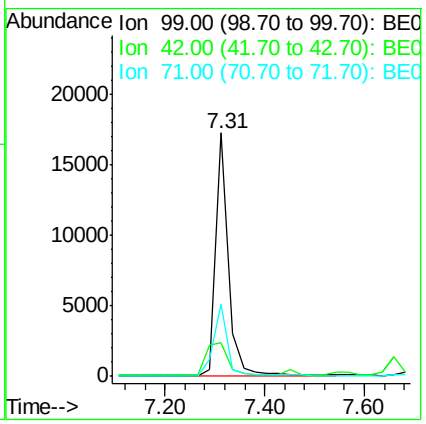


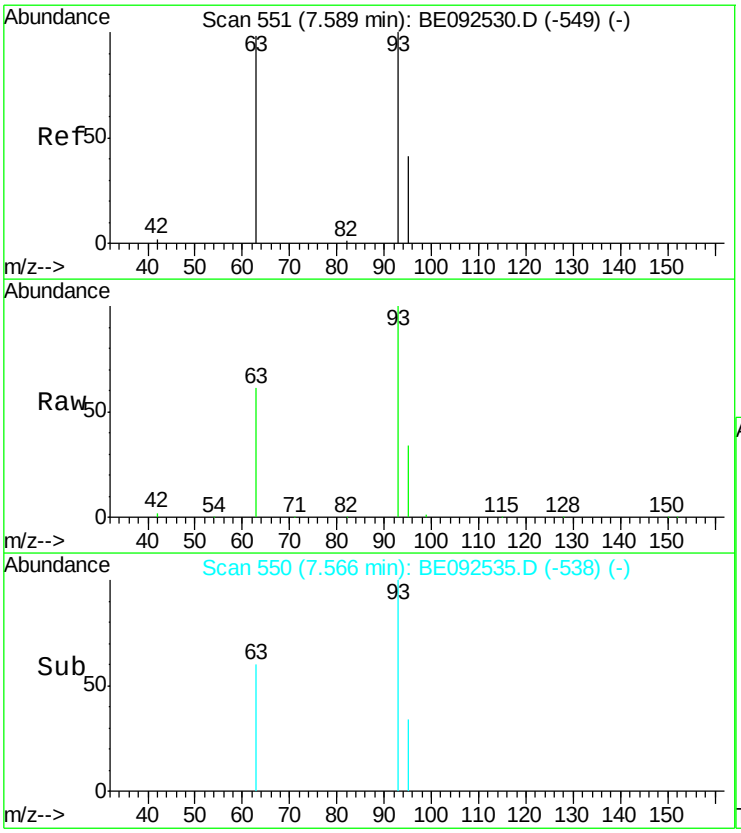
#5
Phenol-d6
Concen: 12.60 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.05 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 30469

Ion	Ratio	Lower	Upper
99	100		
42	22.9	16.0	24.0
71	32.3	30.6	45.8

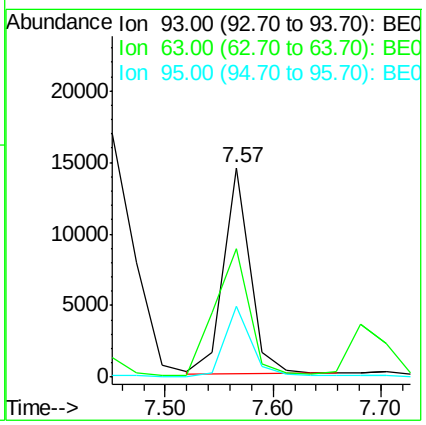


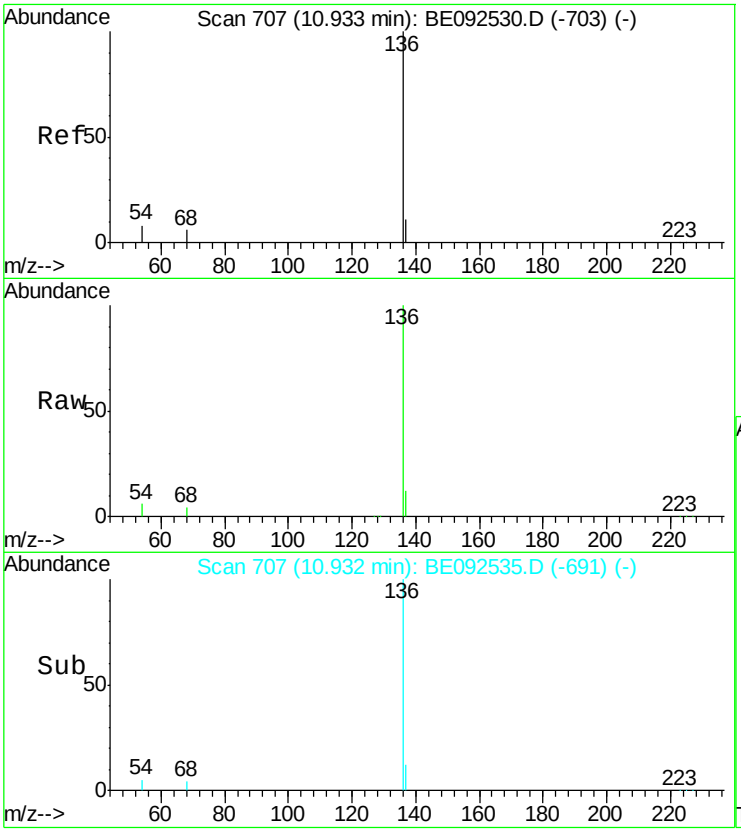


#6
bis(2-Chloroethyl)ether
Concen: 9.36 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion: 93 Resp: 24761

Ion	Ratio	Lower	Upper
93	100		
63	80.7	71.6	107.4
95	34.8	24.0	36.0



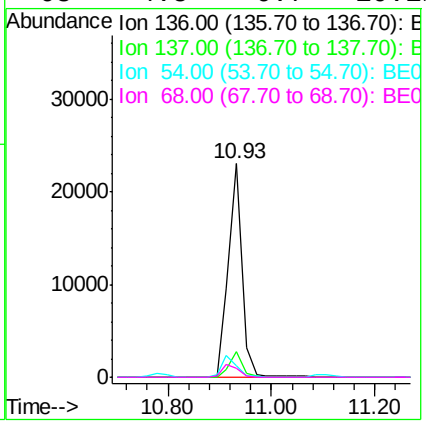


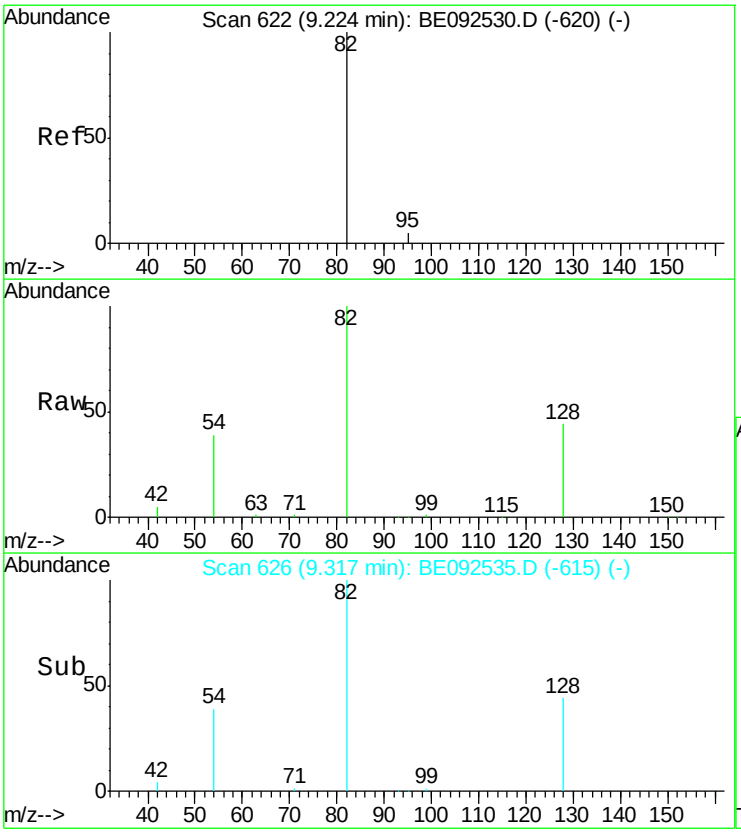
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 41804

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	5.6	9.6	14.4#
68	4.5	6.7	10.1#

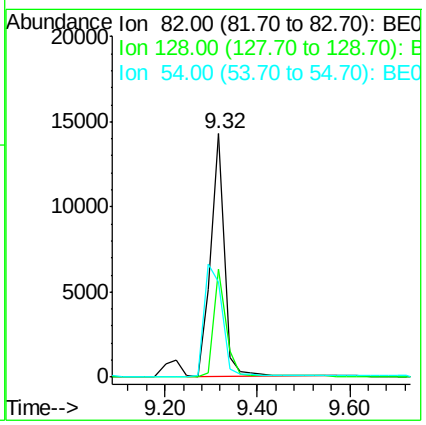


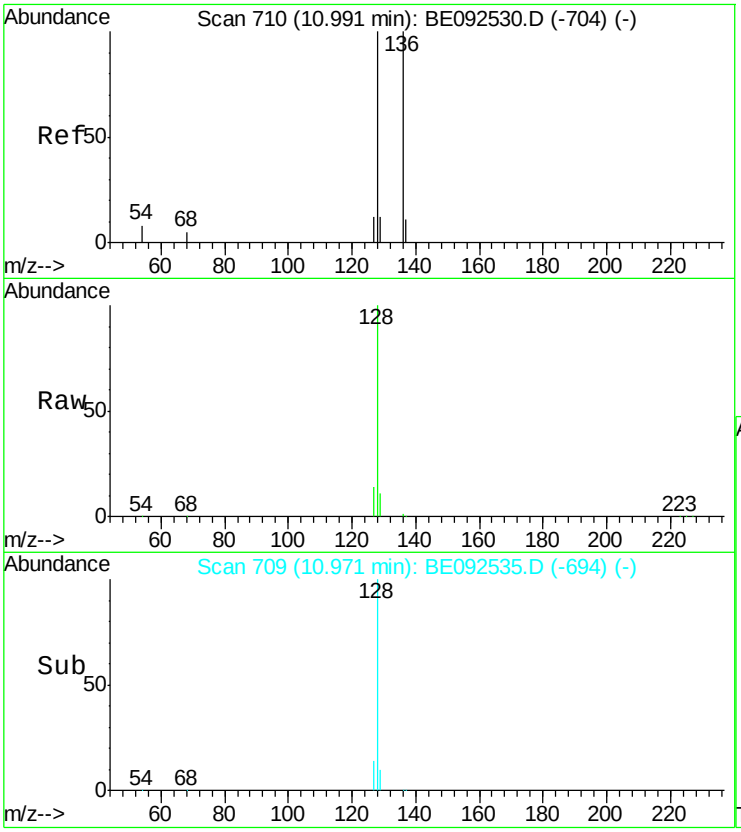


#8
Nitrobenzene-d5
Concen: 10.66 ng
RT: 9.32 min Scan# 626
Delta R.T. -0.05 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion: 82 Resp: 29238

Ion	Ratio	Lower	Upper
82	100		
128	44.1	39.0	58.4
54	39.1	44.8	67.2#



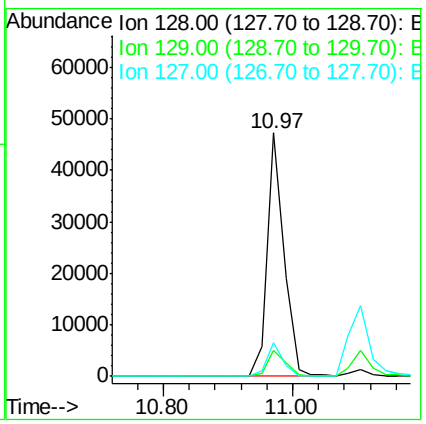


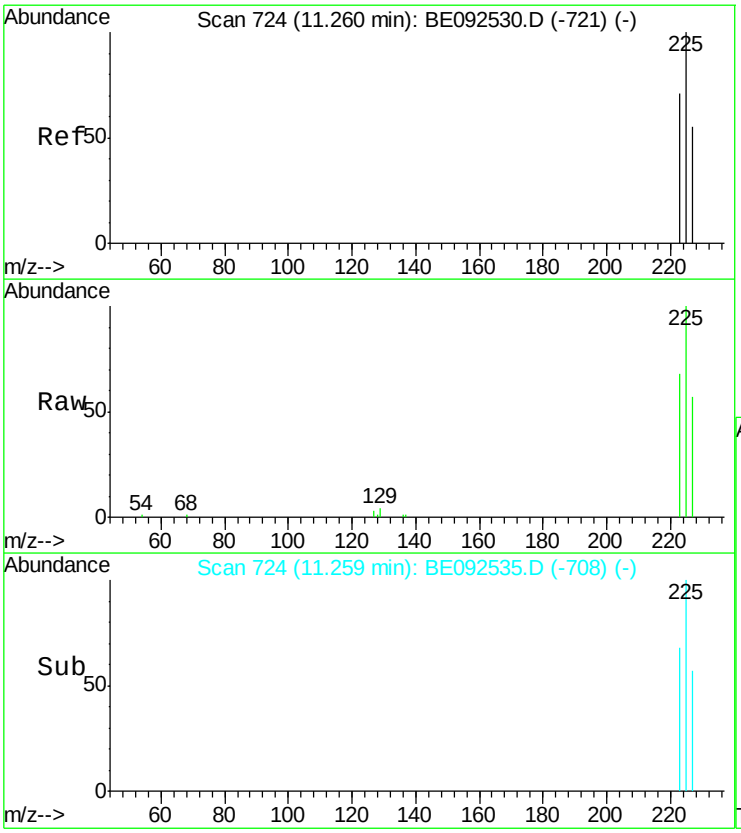
#9
Naphthalene
Concen: 9.41 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 85114

Ion	Ratio	Lower	Upper
128	100		
129	10.5	11.2	16.8#
127	13.7	11.6	17.4

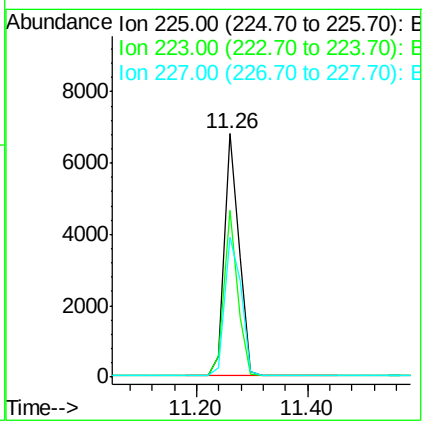


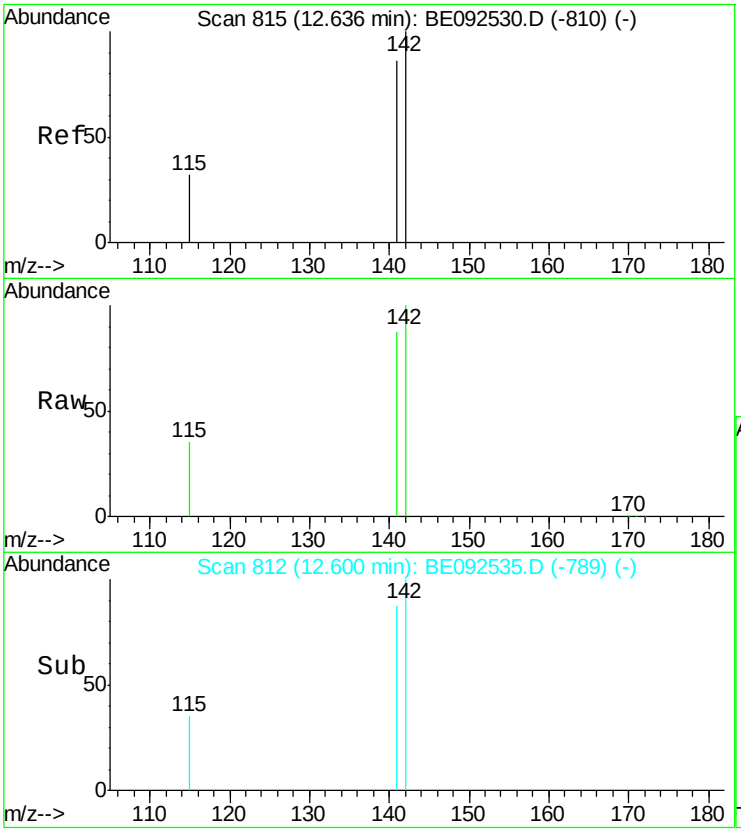


#10
Hexachlorobutadiene
Concen: 9.08 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:225 Resp: 12454

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	63.8	51.4	77.0



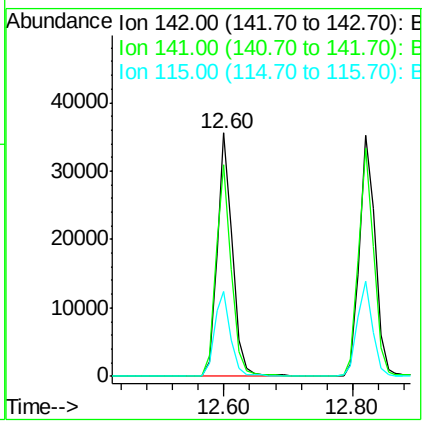


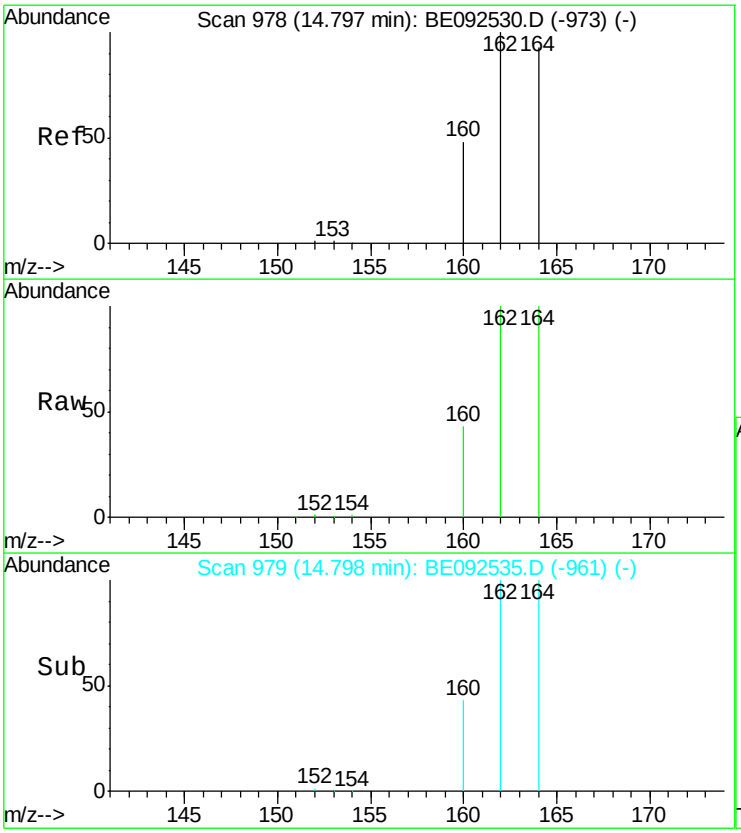
#11
2-Methylnaphthalene
Concen: 10.01 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.04 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 58854

Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.7	110.5
115	34.6	34.0	51.0

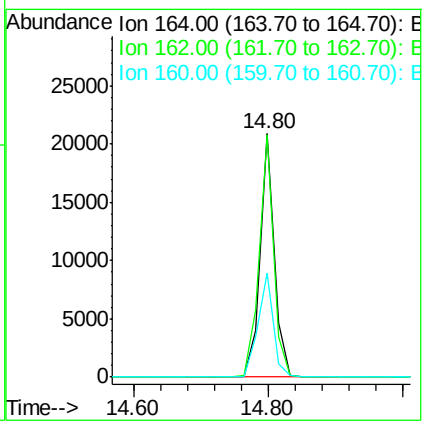


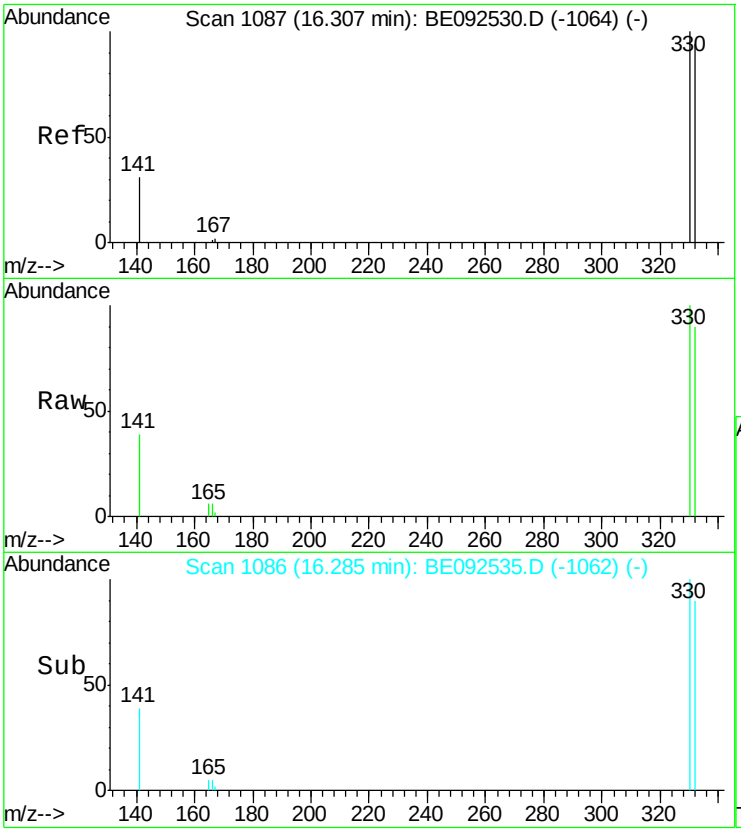


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:164 Resp: 30265

Ion	Ratio	Lower	Upper
164	100		
162	99.6	71.4	107.0
160	42.9	27.4	41.2#



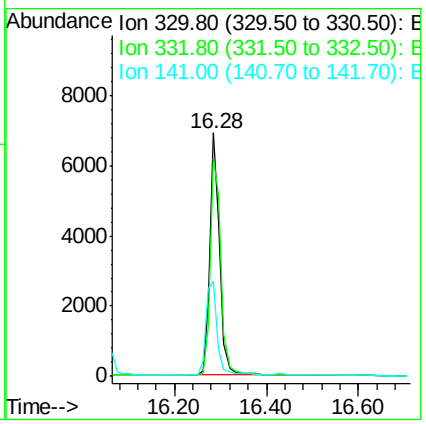


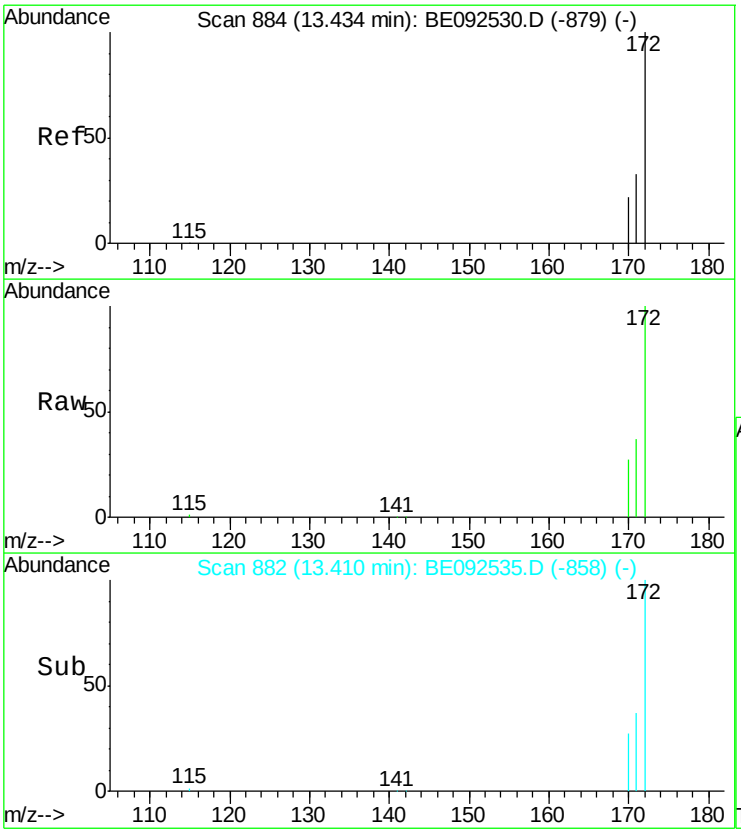
#13
2,4,6-Tribromophenol
Concen: 12.05 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 10350

Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.4	113.0
141	43.7	31.0	46.6

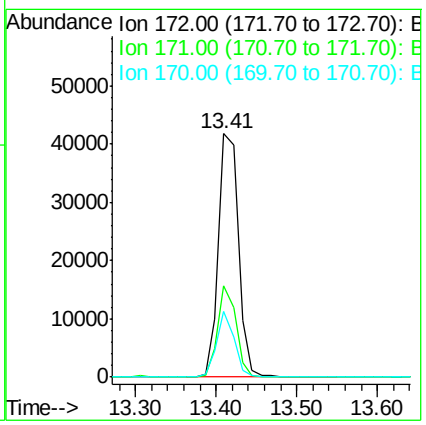


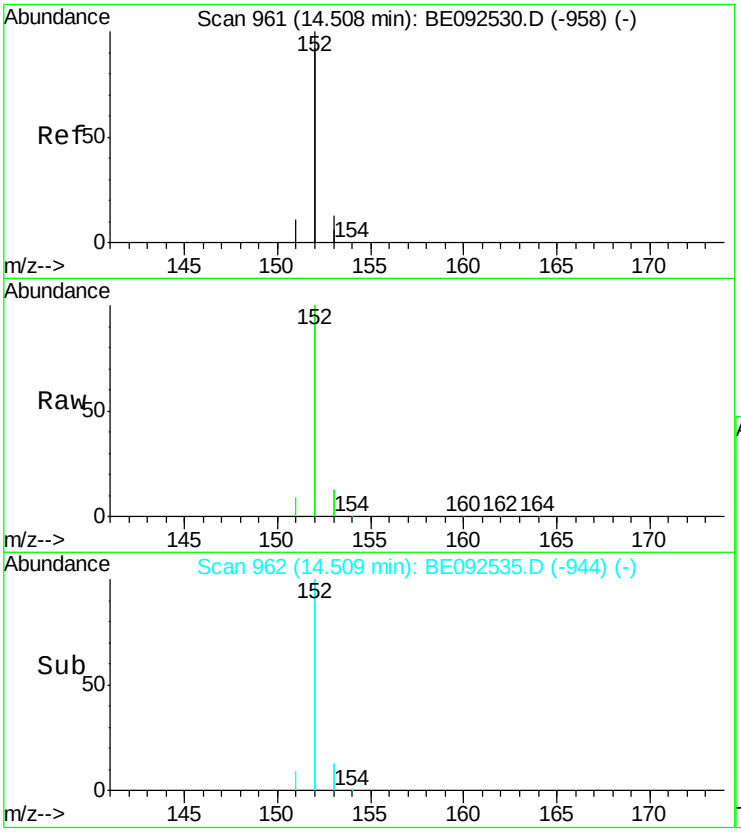


#14
2-Fluorobiphenyl
Concen: 9.61 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:172 Resp: 71955

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	27.0	21.8	32.6



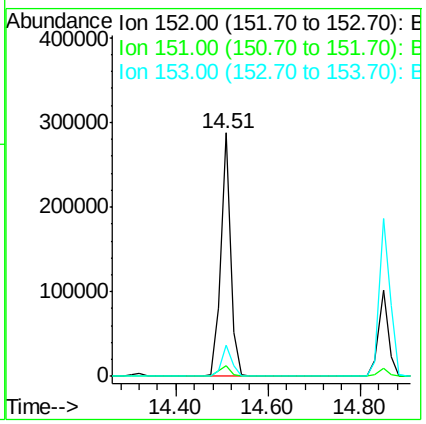


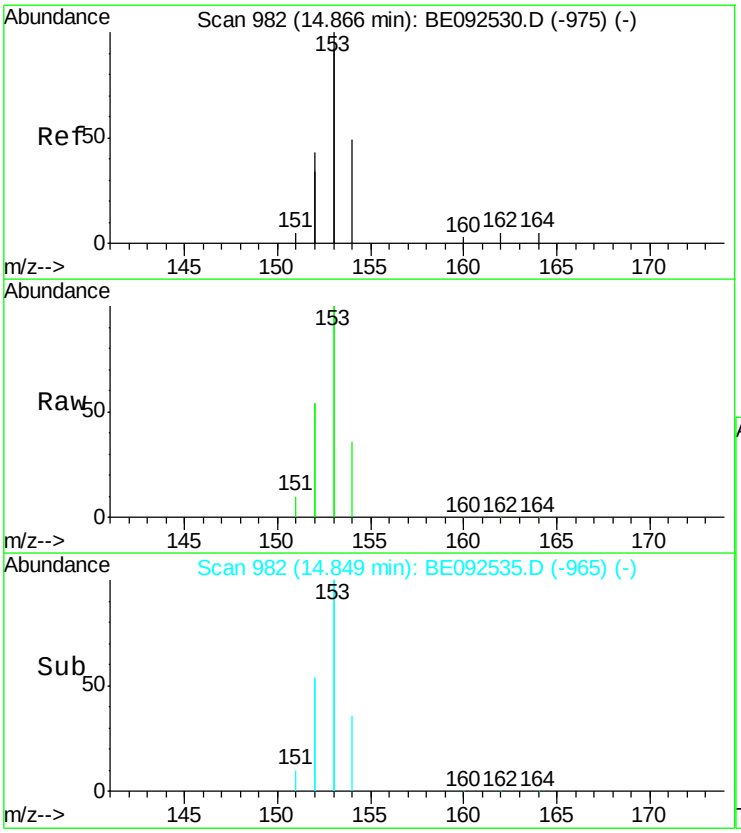
#15
Acenaphthylene
Concen: 10.07 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 437330

Ion	Ratio	Lower	Upper
152	100		
151	4.8	3.9	5.9
153	13.0	10.4	15.6

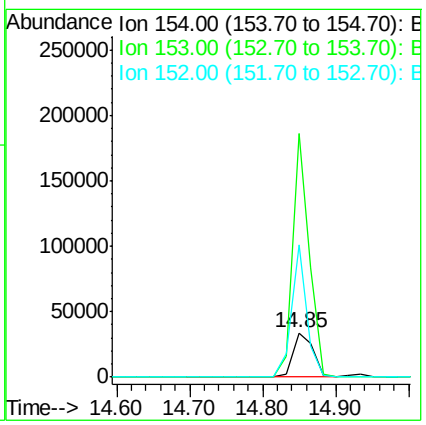


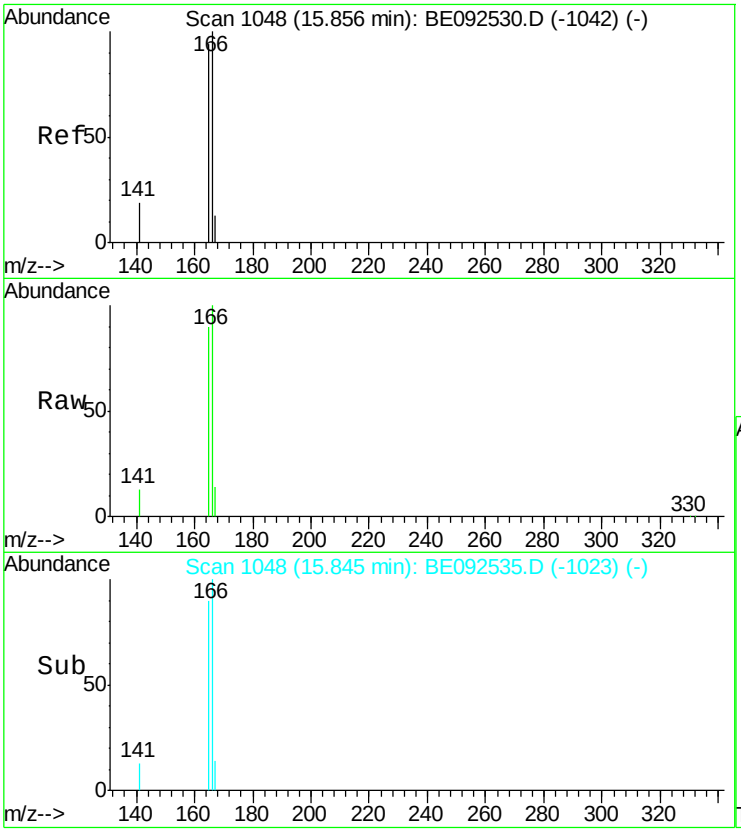


#16
Acenaphthene
Concen: 9.06 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:154 Resp: 63546

Ion	Ratio	Lower	Upper
154	100		
153	464.7	350.8	526.2
152	231.7	171.1	256.7



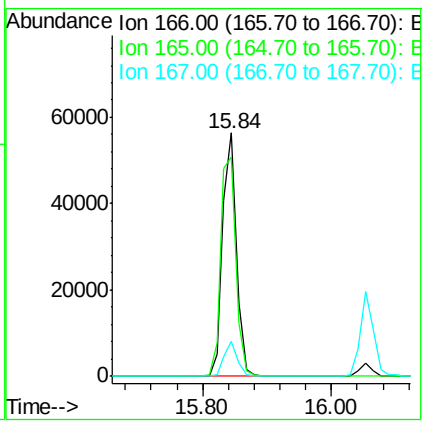


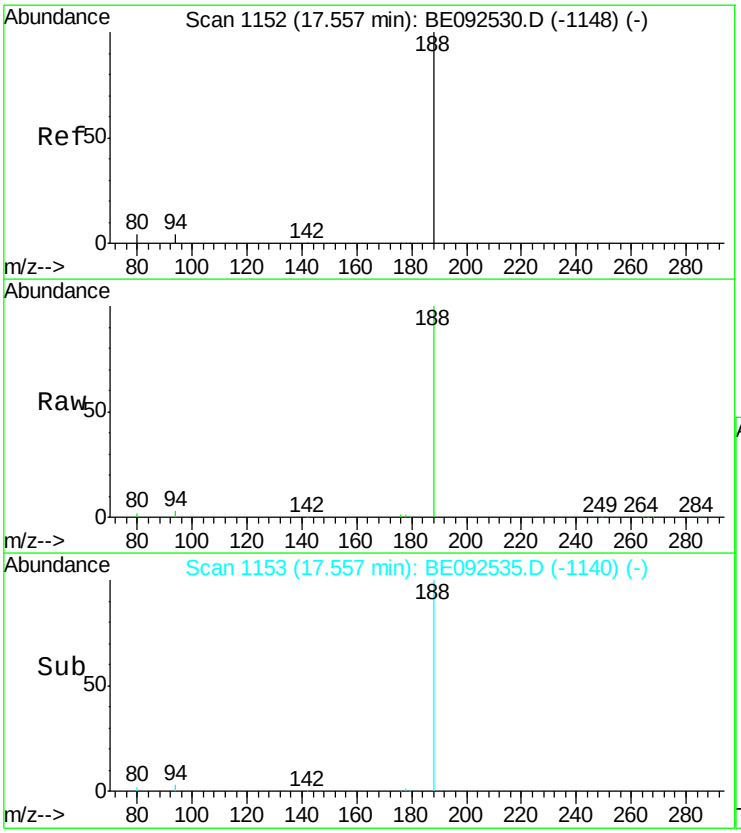
#17
Fluorene
Concen: 9.62 ng
RT: 15.84 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 84778

Ion	Ratio	Lower	Upper
166	100		
165	98.9	78.2	117.4
167	13.5	11.0	16.4

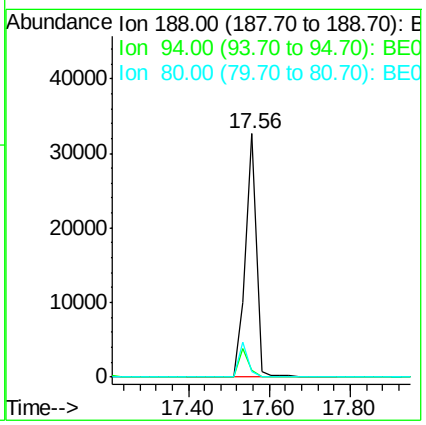


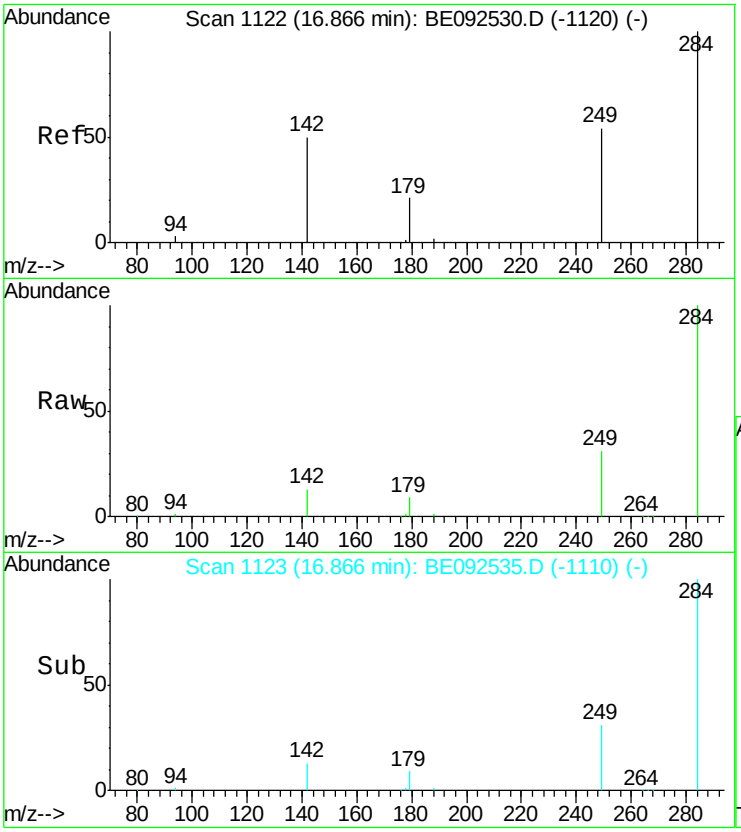


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:188 Resp: 60544

Ion	Ratio	Lower	Upper
188	100		
94	3.0	3.2	4.8#
80	2.4	2.6	3.8#



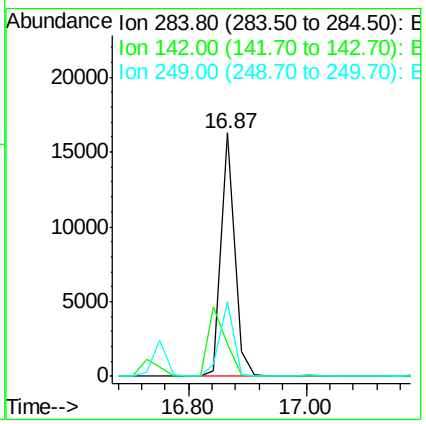


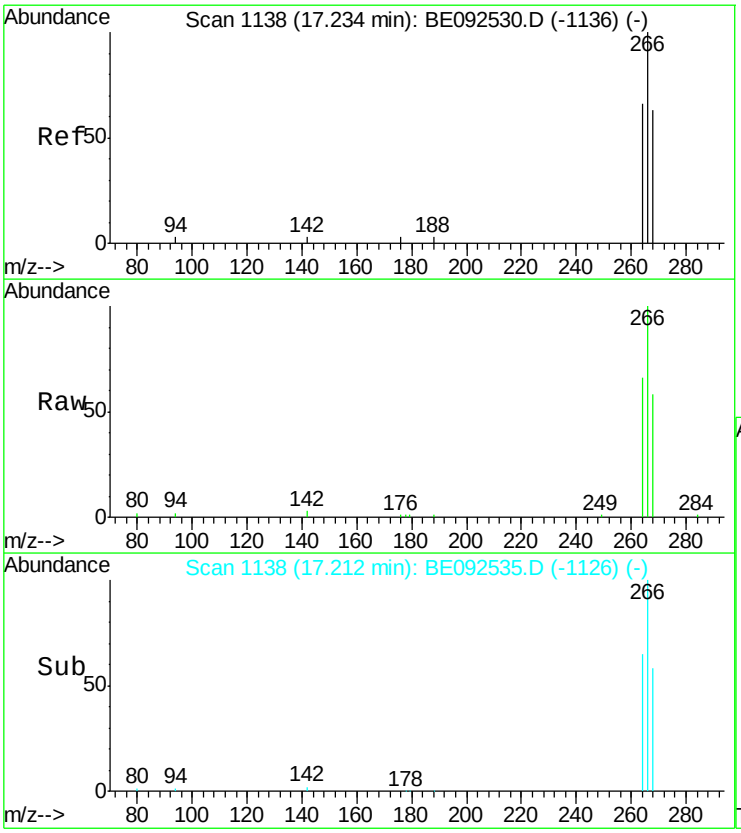
#19
Hexachlorobenzene
Concen: 11.03 ng
RT: 16.87 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 25211

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	32.8	27.9	41.9

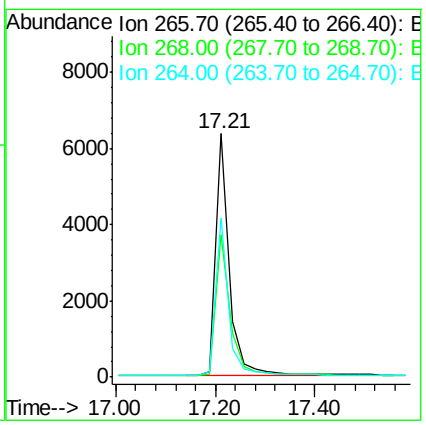


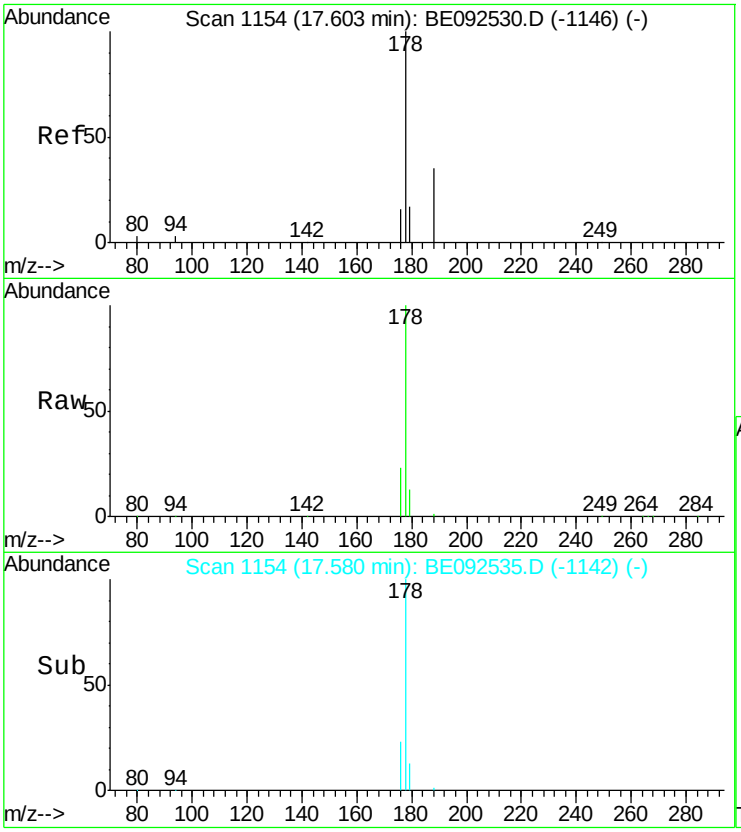


#20
Pentachlorophenol
Concen: 18.06 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:266 Resp: 11934

Ion	Ratio	Lower	Upper
266	100		
268	58.4	62.5	93.7#
264	65.6	57.2	85.8



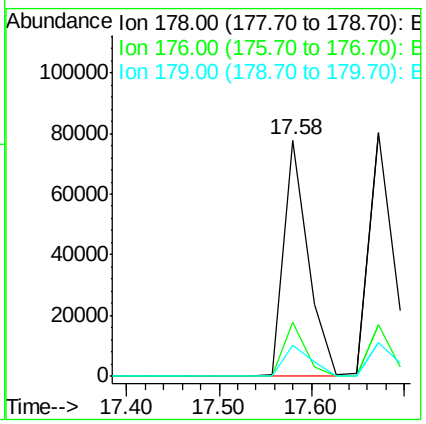


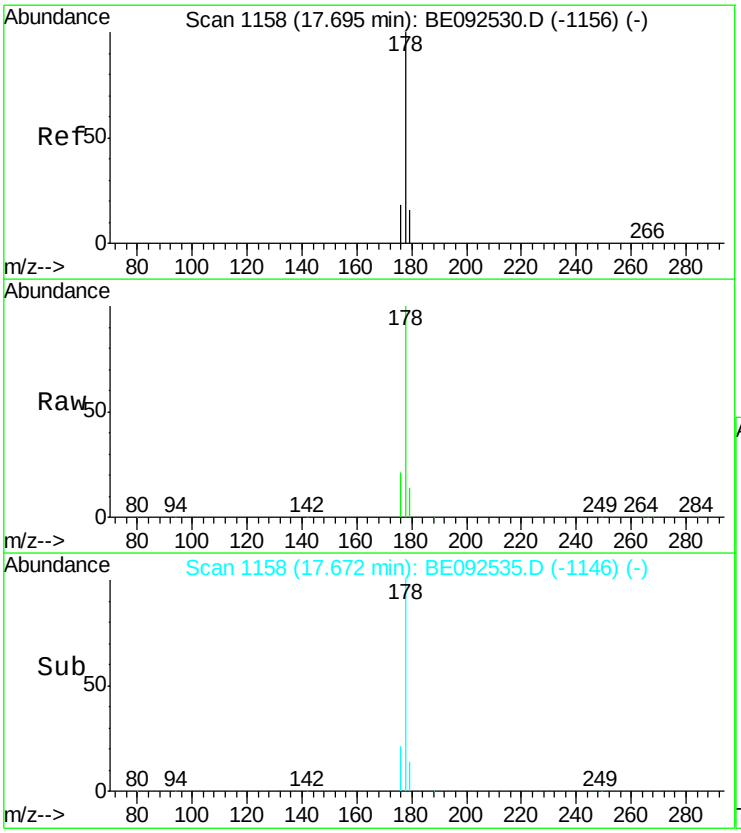
#21
Phenanthrene
Concen: 10.81 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 141447

Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	14.8	16.0	24.0#

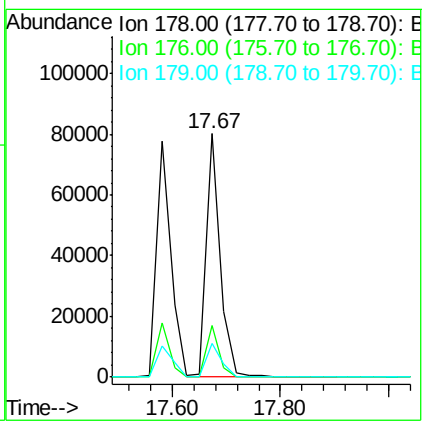


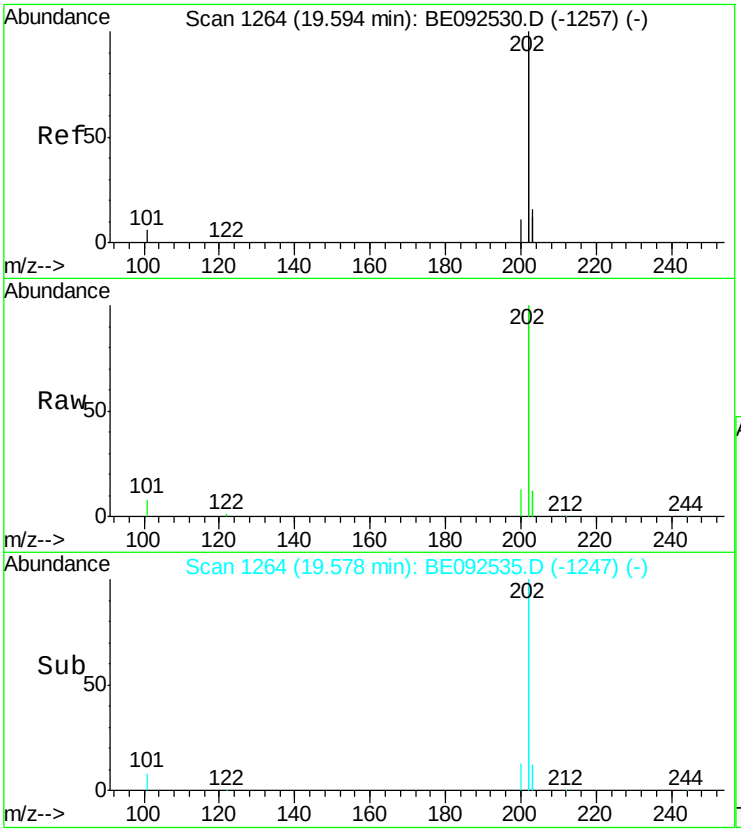


#22
Anthracene
Concen: 11.41 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:178 Resp: 144912

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	15.1	12.2	18.2



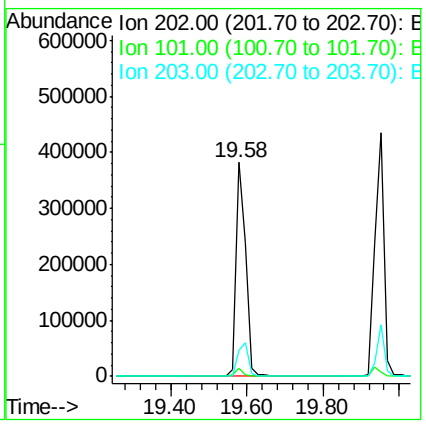


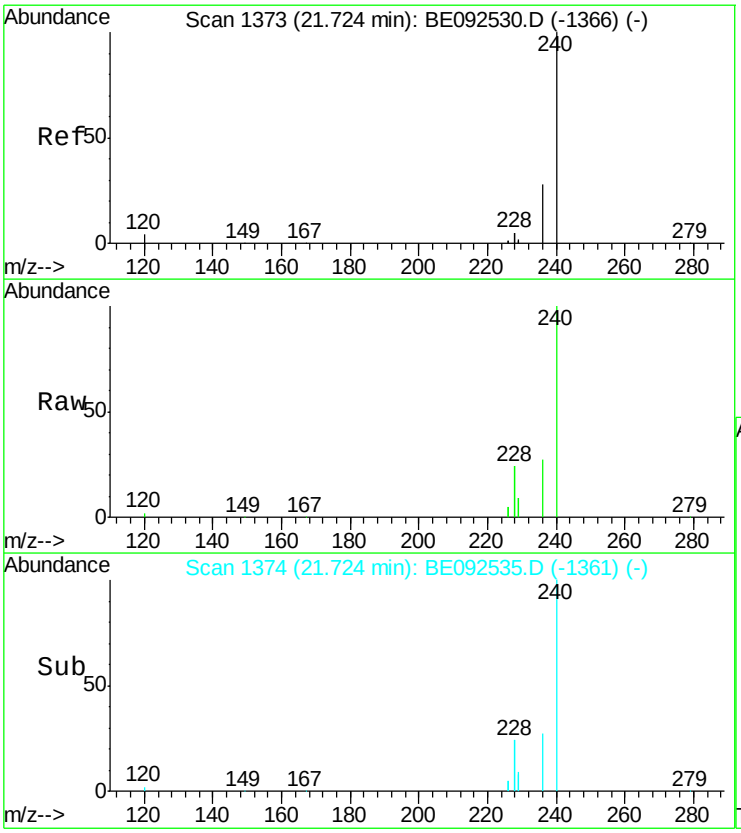
#23
Fluoranthene
Concen: 10.23 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 672145

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.2	13.7	20.5

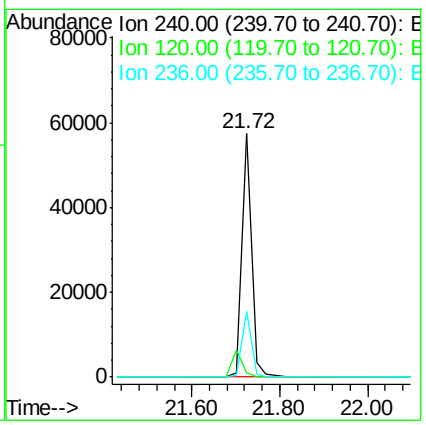


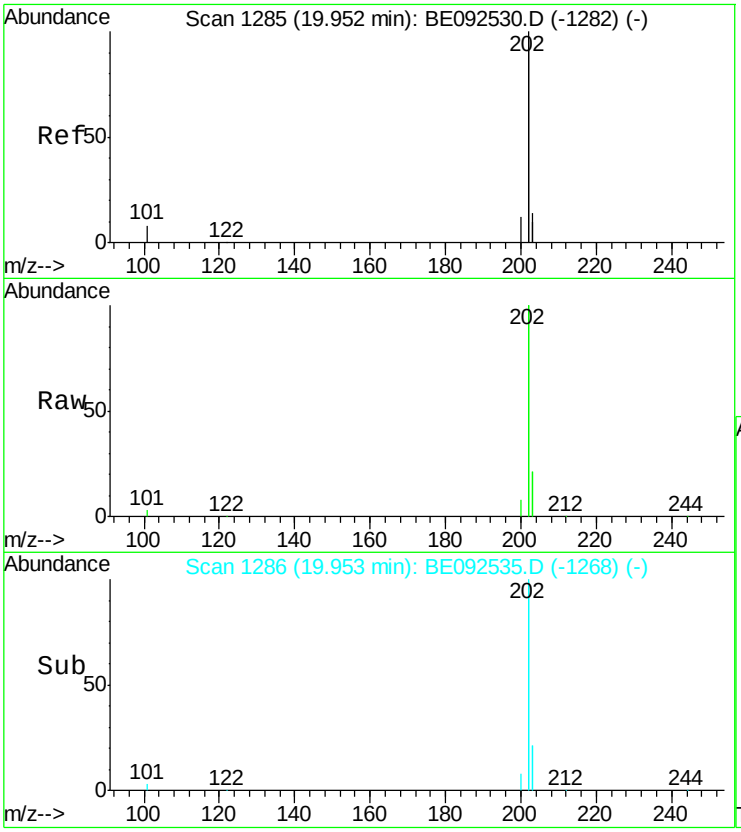


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:240 Resp: 85473

Ion	Ratio	Lower	Upper
240	100		
120	1.6	2.6	4.0#
236	27.0	24.6	37.0



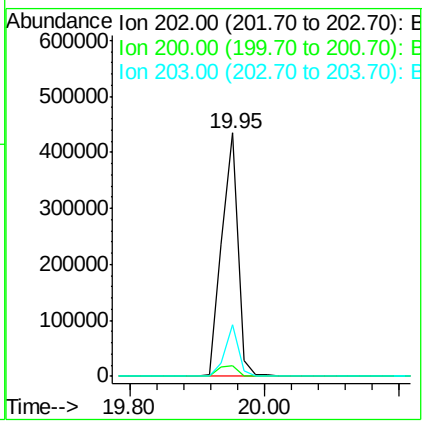


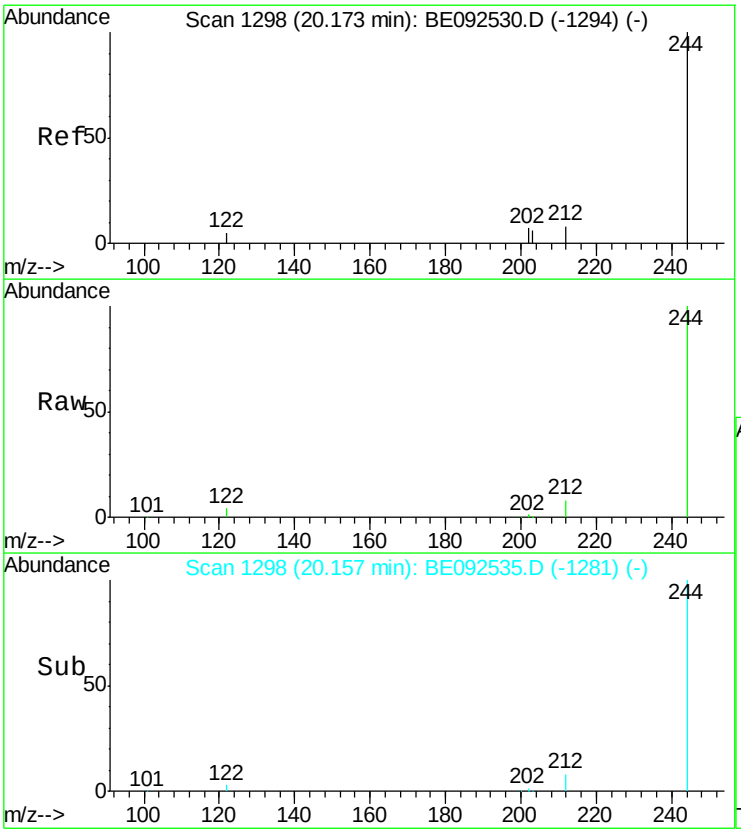
#25
Pyrene
Concen: 10.35 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 724591

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.8	13.9	20.9

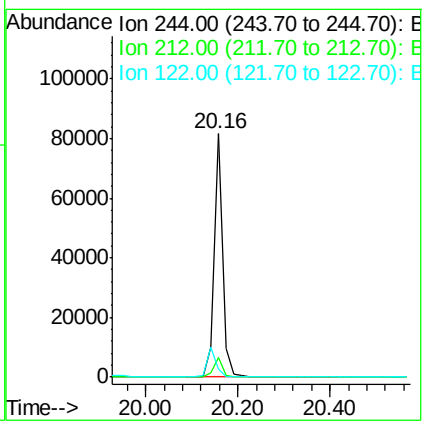


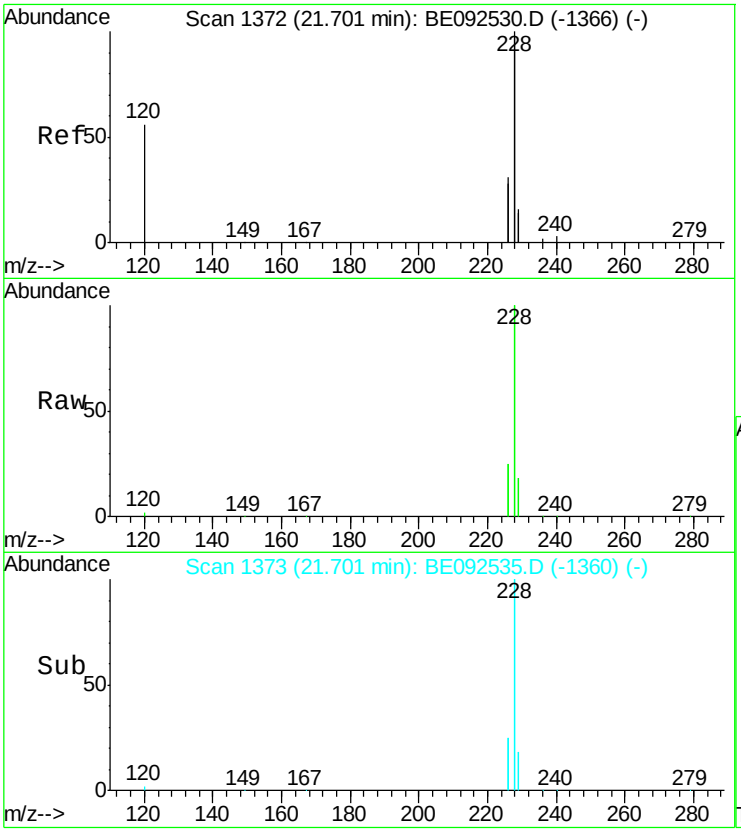


#26
Terphenyl-d14
Concen: 10.15 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:244 Resp: 105378

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.7	10.1
122	3.5	3.6	5.4#



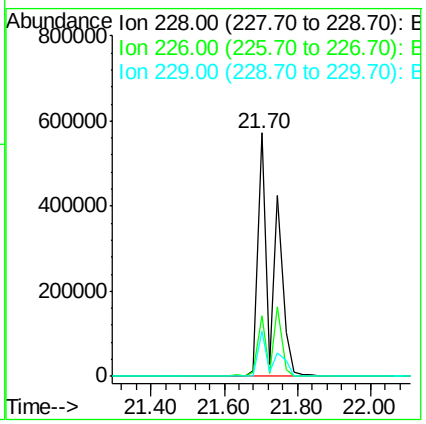


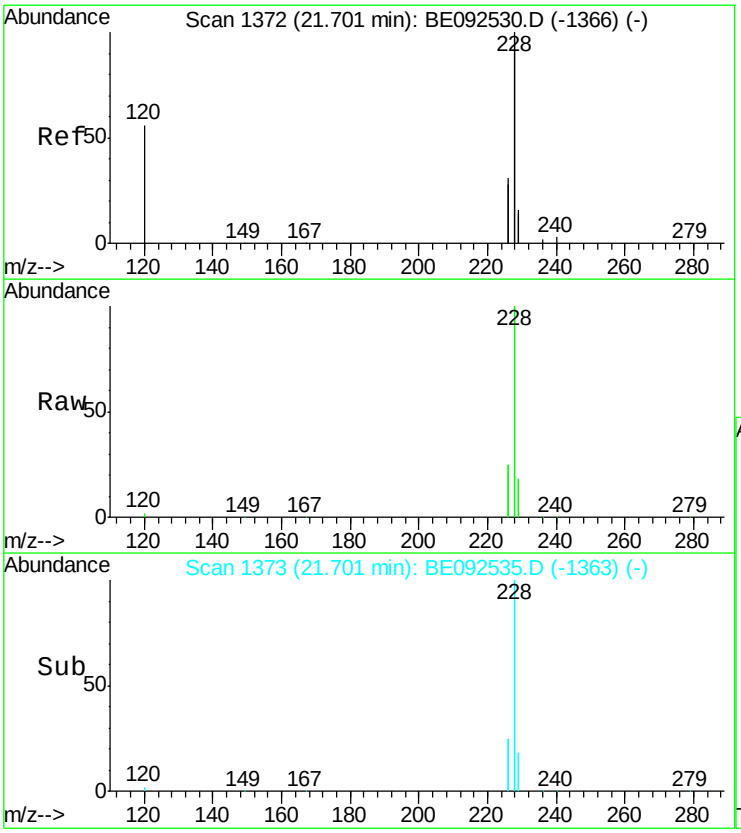
#27
Benzo(a)anthracene
Concen: 18.21 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1577443

Ion	Ratio	Lower	Upper
228	100		
226	24.9	23.6	35.4
229	18.4	13.3	19.9

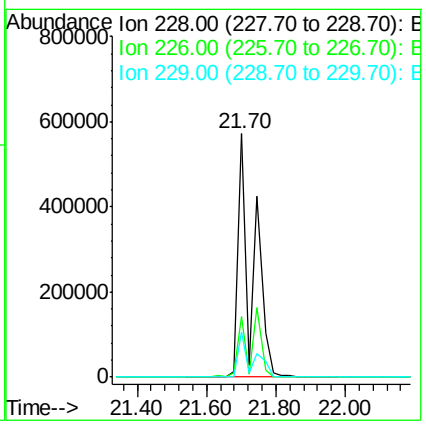


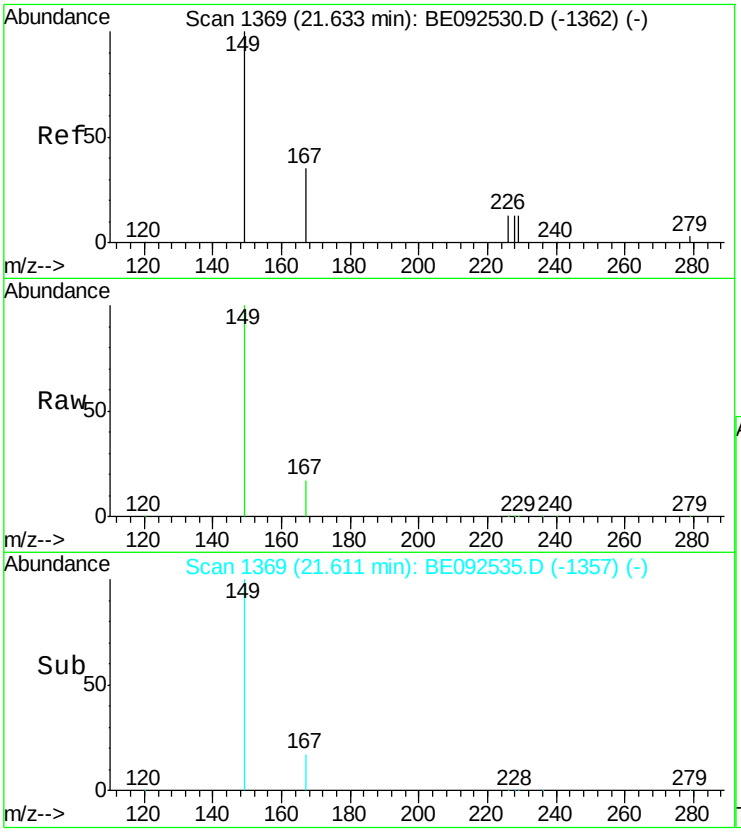


#28
Chrysene
Concen: 17.03 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.07 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:228 Resp: 1580937

Ion	Ratio	Lower	Upper
228	100		
226	24.9	36.3	54.5#
229	18.4	10.6	16.0#



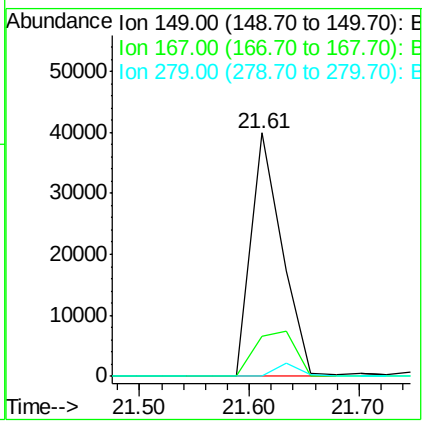


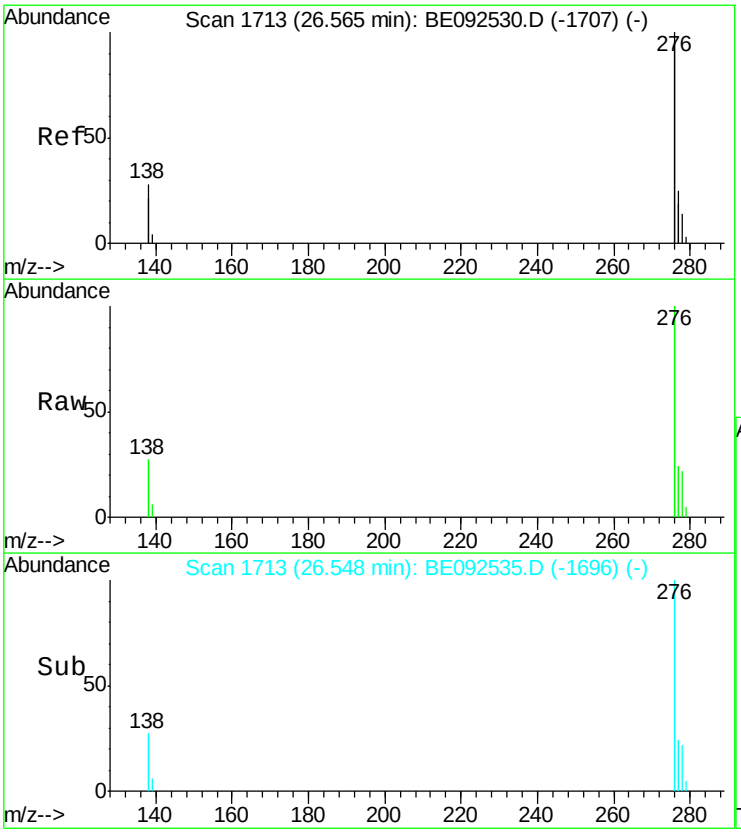
#29
Bis(2-ethylhexyl)phthalate
Concen: 8.56 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 78241

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

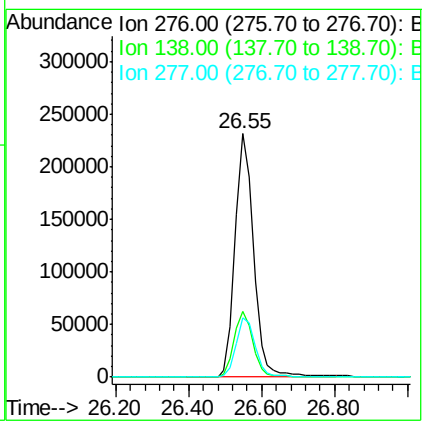


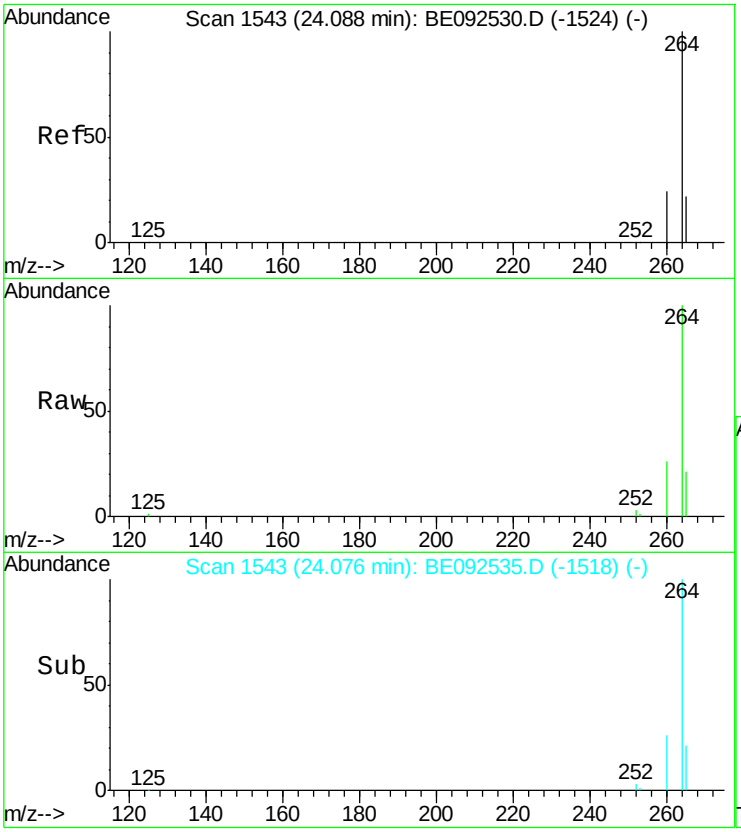


#30
Indeno(1,2,3-cd)pyrene
Concen: 8.53 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:276 Resp: 806556

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	25.0	19.7	29.5



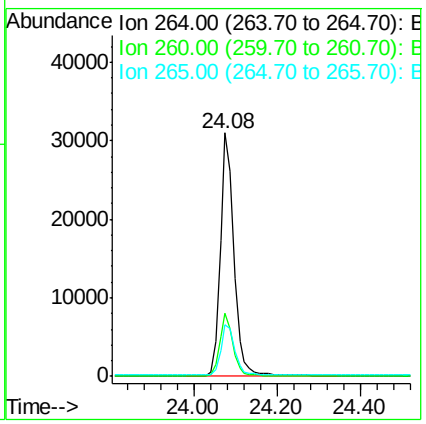


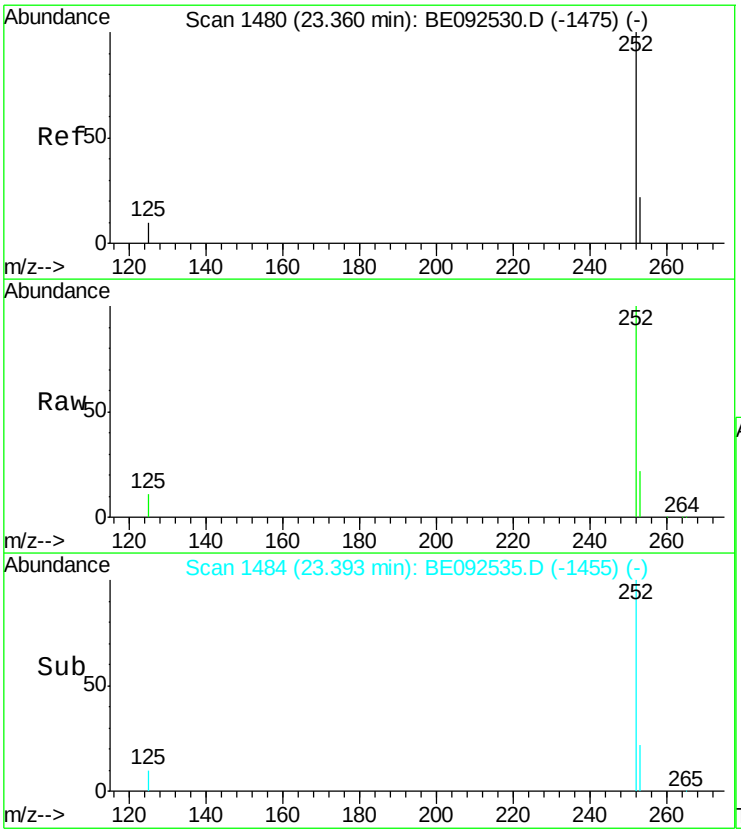
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.08 min Scan# 1543
Delta R.T. -0.01 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 70675

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.1	30.1
265	21.3	17.9	26.9

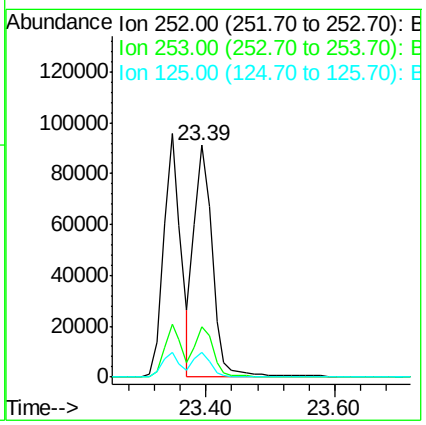


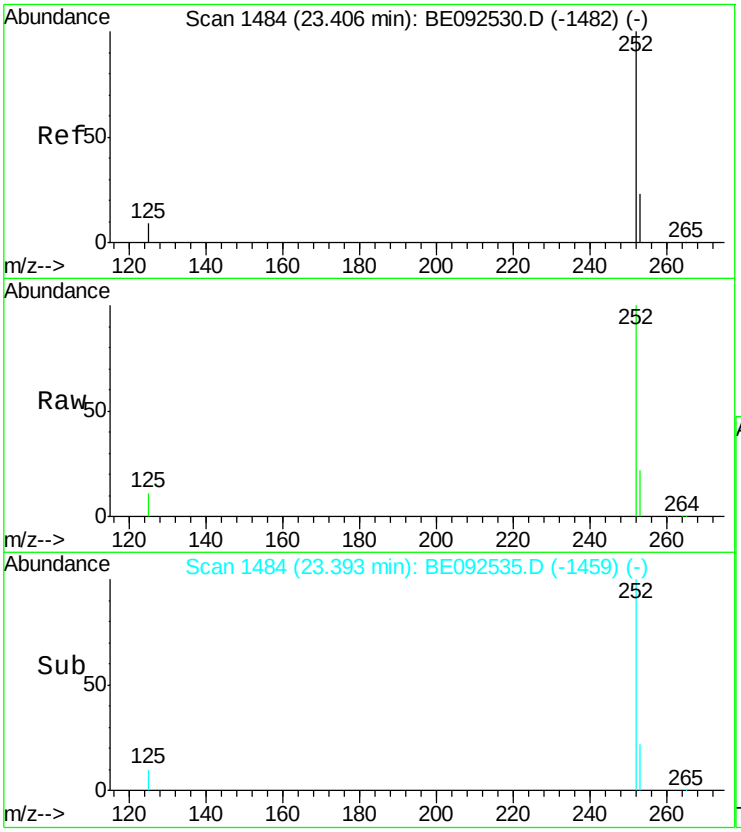


#32
Benzo(b)fluoranthene
Concen: 6.63 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.03 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:252 Resp: 176631

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.7	28.1
125	10.5	10.5	15.7



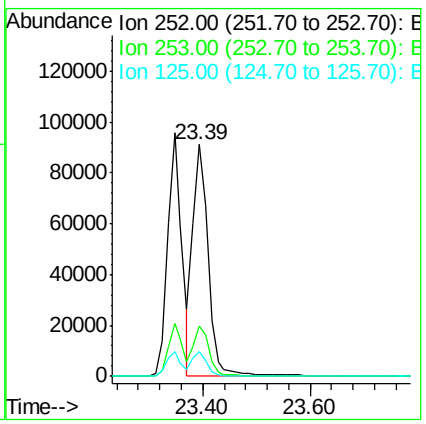


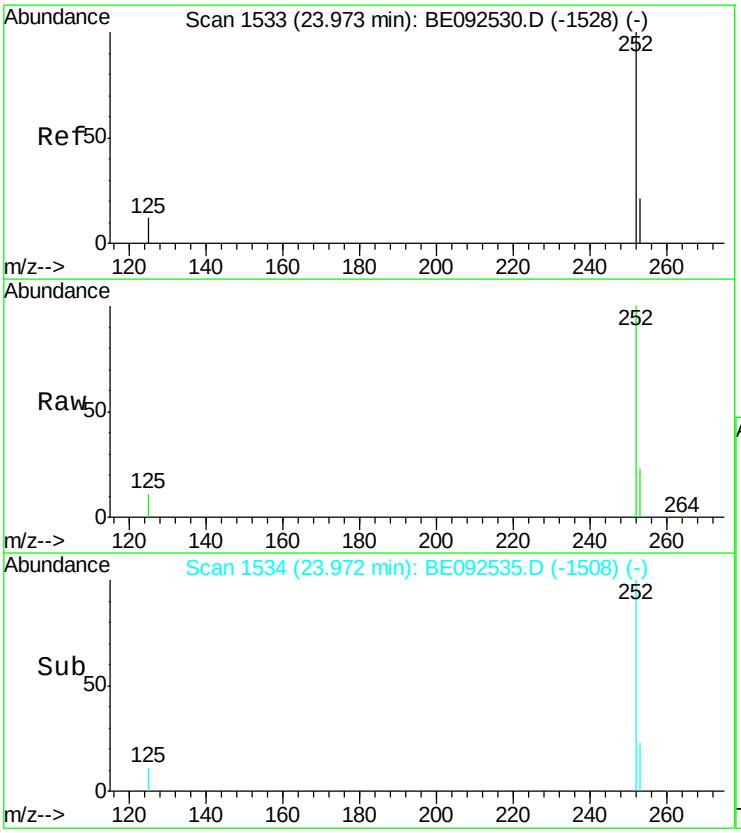
#33
Benzo(k)fluoranthene
Concen: 6.37 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.01 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 177640

Ion	Ratio	Lower	Upper
252	100		
253	21.7	20.3	30.5
125	10.5	9.6	14.4

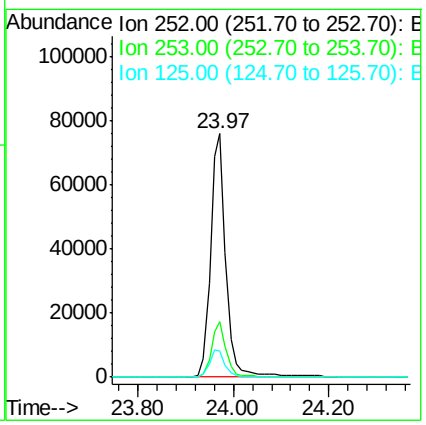


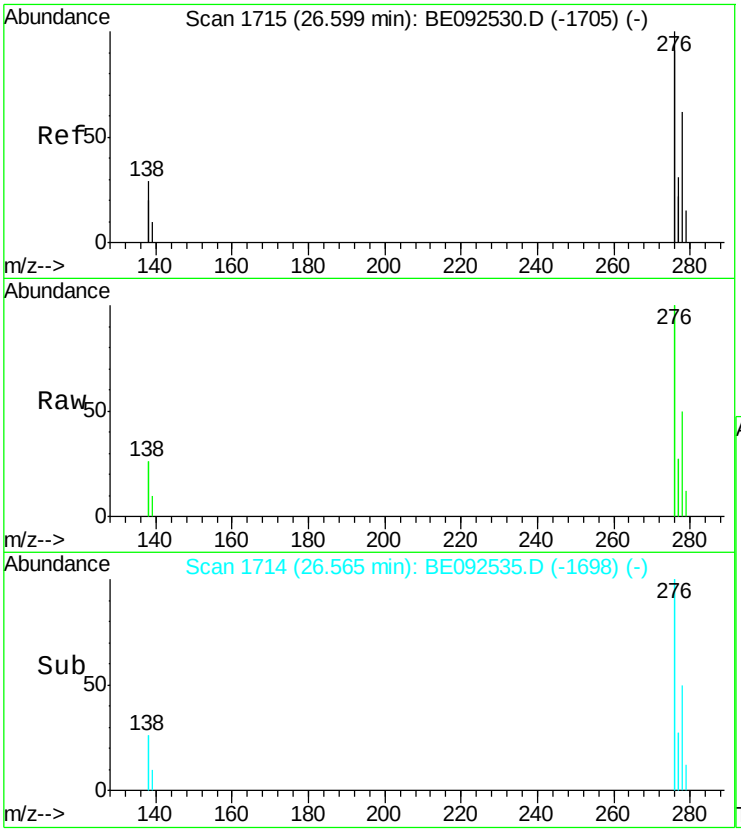


#34
Benzo(a)pyrene
Concen: 9.30 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:252 Resp: 169813

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.6
125	10.8	11.8	17.8#



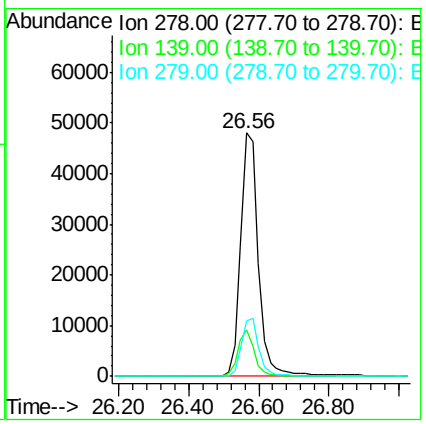


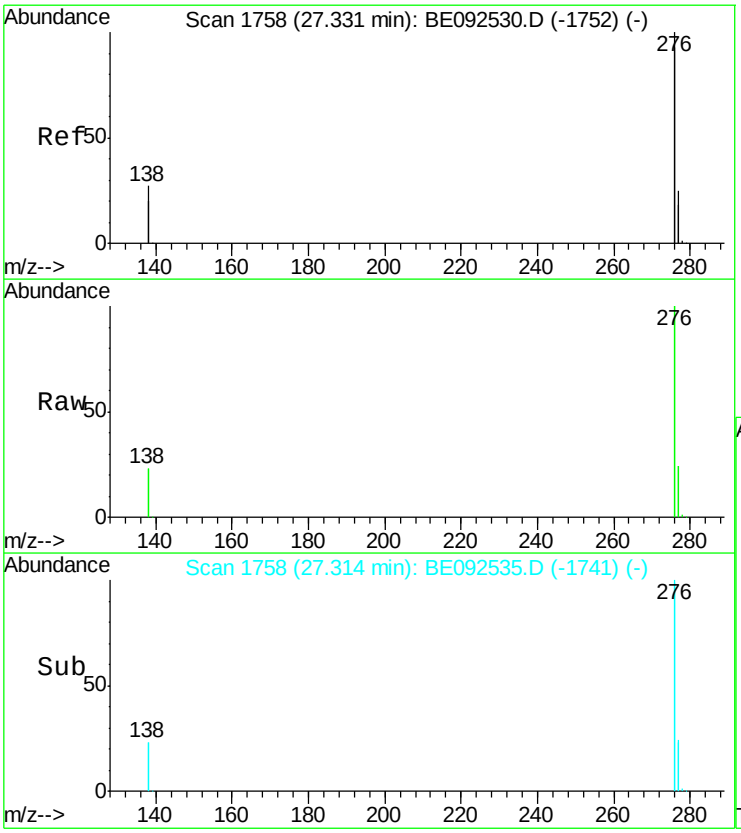
#35
Dibenzo(a,h)anthracene
Concen: 9.81 ng
RT: 26.56 min Scan# 1714
Delta R.T. -0.03 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 168659

Ion	Ratio	Lower	Upper
278	100		
139	19.3	13.8	20.8
279	23.0	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 9.78 ng
RT: 27.31 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092535.D
Acq: 16 Nov 2016 14:43

Tgt Ion:276 Resp: 692195

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