Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
Data File : BE092607.D
Acq On : 19 Dec 2016 14:39
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Dec 19 15:36:56 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 14:52:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	9174	5.00	ng		0.00
7) Naphthalene-d8	10.91	136	44847	5.00	ng		-0.02
12) Acenaphthene-d10	14.80	164	30841	5.00	ng		0.00
18) Phenanthrene-d10	17.53	188	61698	5.00	ng		-0.02
24) Chrysene-d12	21.72	240	75326	5.00	ng		0.00
31) Perylene-d12	24.06	264	71474	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.65	112	19686	12.71	ng		-0.04
5) Phenol-d6	7.31	99	29761	14.69	ng		-0.07
8) Nitrobenzene-d5	9.29	82	32111	13.29	ng		-0.07
13) 2,4,6-Tribromophenol	16.28	330	10456	15.11	ng		-0.02
14) 2-Fluorobiphenyl	13.41	172	74777	9.94	ng		-0.02
26) Terphenyl-d14	20.16	244	100806	11.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	10148	8.12	ng		91
3) n-Nitrosodimethylamine	3.72	42	15778	13.15	ng		91
6) bis(2-Chloroethyl)ether	7.57	93	24086	9.79	ng	#	26
9) Naphthalene	10.97	128	89207	9.64	ng		94
10) Hexachlorobutadiene	11.26	225	13152	9.34	ng		100
11) 2-Methylnaphthalene	12.60	142	61587	10.43	ng	#	84
15) Acenaphthylene	14.51	152	450064	10.48	ng		100
16) Acenaphthene	14.85	154	67227	9.59	ng		95
17) Fluorene	15.83	166	88334	10.17	ng		100
19) Hexachlorobenzene	16.87	284	25955	10.66	ng	#	64
20) Pentachlorophenol	17.21	266	10911	24.27	ng		86
21) Phenanthrene	17.58	178	156859	11.36	ng	#	95
22) Anthracene	17.67	178	160036	12.31	ng		99
23) Fluoranthene	19.58	202	712205	11.06	ng		100
25) Pyrene	19.94	202	733563	12.25	ng		100
27) Benzo(a)anthracene	21.70	228	711216	10.06	ng	#	77
28) Chrysene	21.70	228	711188	11.11	ng	#	60
29) Bis(2-ethylhexyl)phthalate	21.61	149	138006	30.05	ng	#	75
30) Indeno(1,2,3-cd)pyrene	26.53	276	805079	11.32	ng		97
32) Benzo(b)fluoranthene	23.34	252	179303	10.34	ng		96
33) Benzo(k)fluoranthene	23.38	252	183555	10.11	ng		94
34) Benzo(a)pyrene	23.96	252	174547	10.88	ng	#	96
35) Dibenzo(a,h)anthracene	26.55	278	167098	10.52	ng		94
36) Benzo(g,h,i)perylene	27.30	276	687776	10.23	ng		98

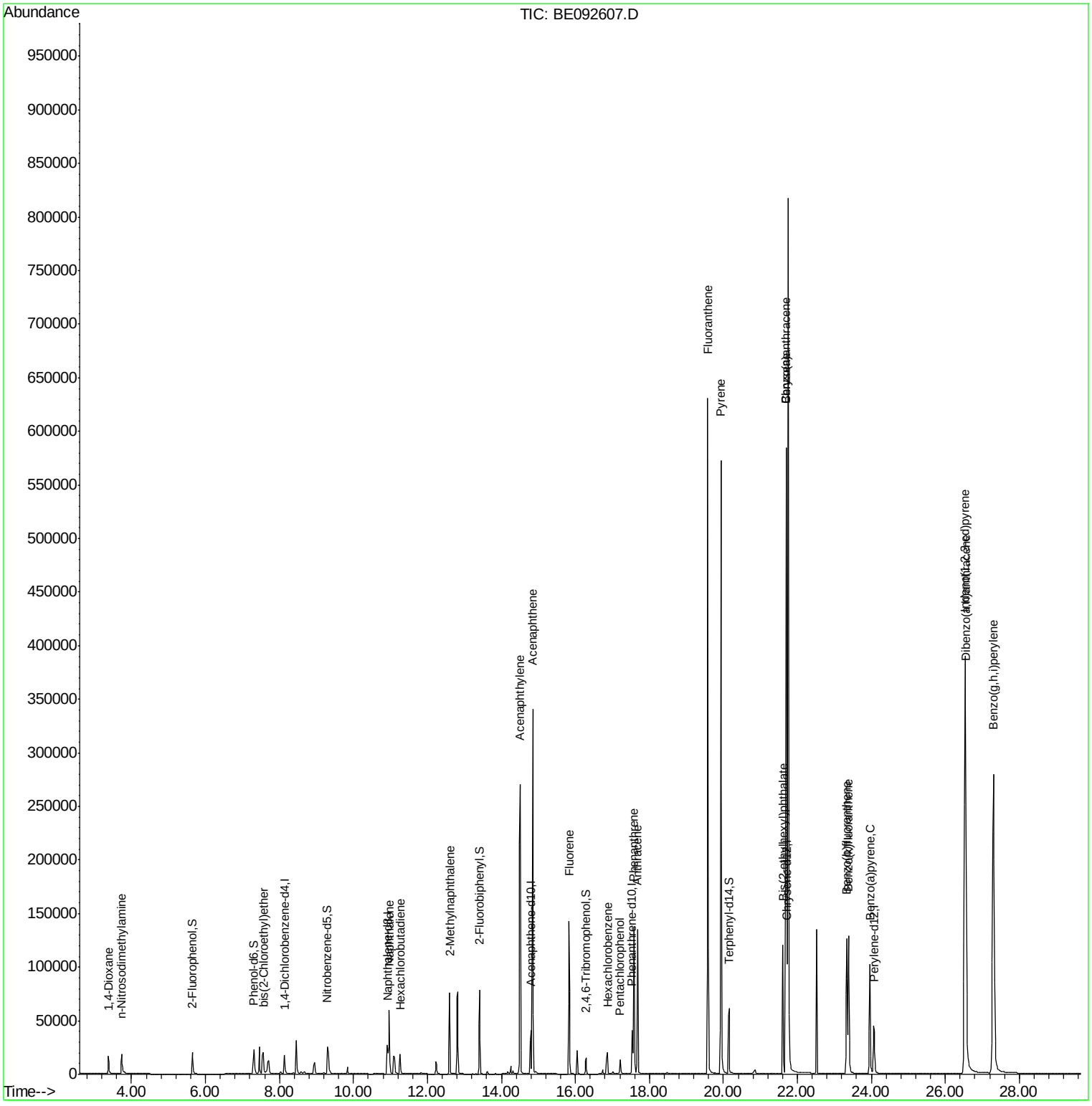
(#) = qualifier out of range (m) = manual integration (+) = signals summed

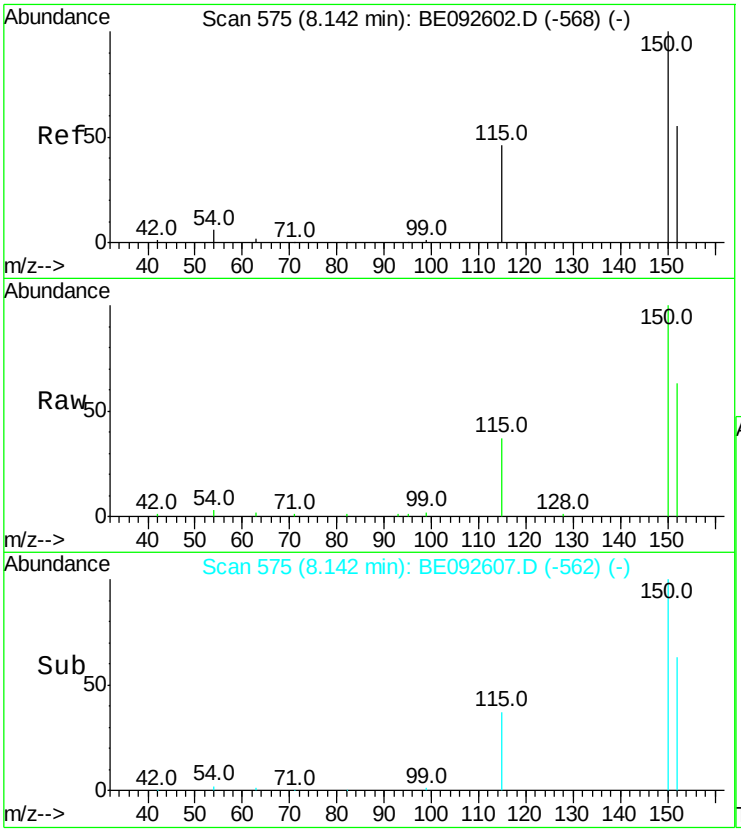
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
Data File : BE092607.D
Acq On : 19 Dec 2016 14:39
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Dec 19 15:36:56 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 14:52:01 2016
Response via : Initial Calibration



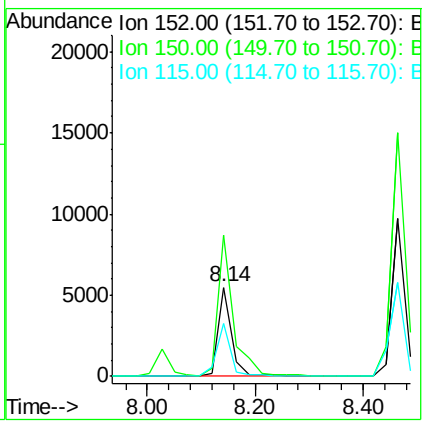


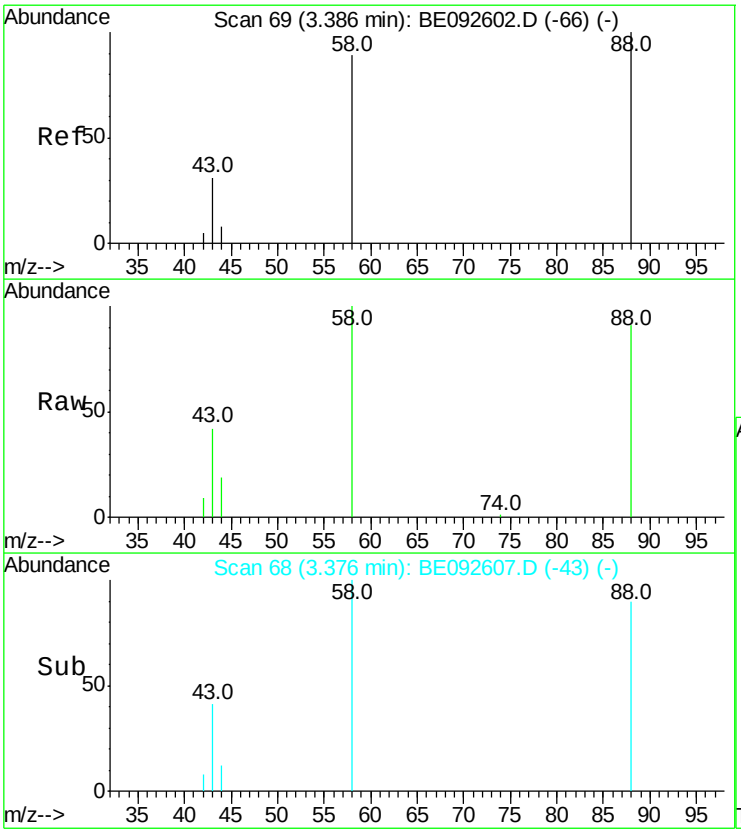
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 9174

Ion	Ratio	Lower	Upper
152	100		
150	158.3	106.0	159.0
115	58.8	31.2	46.8#

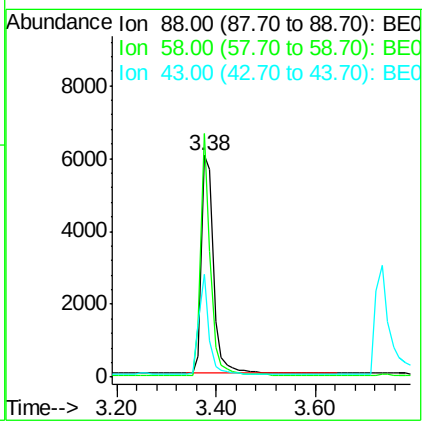


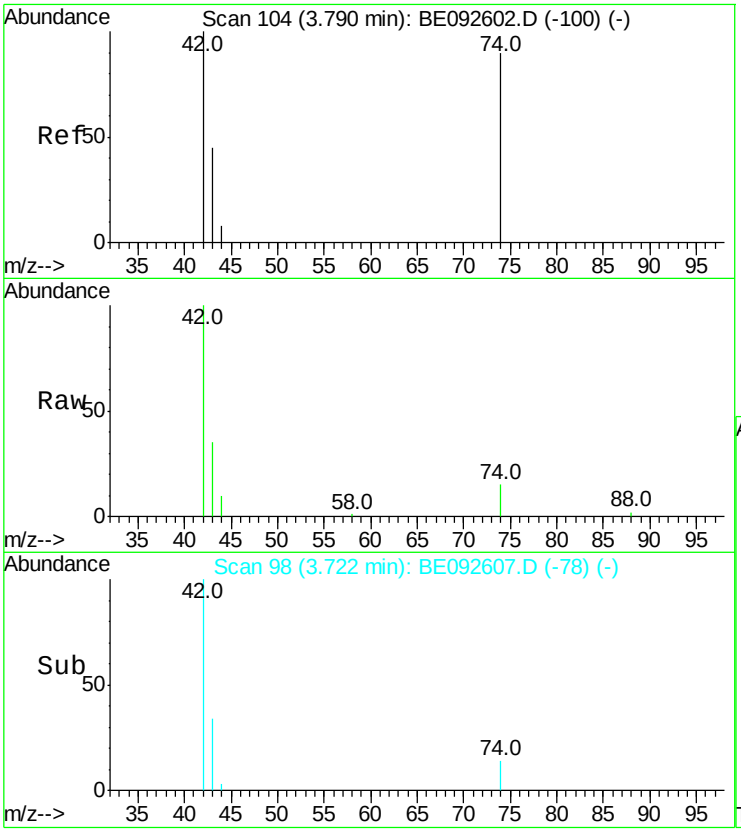


#2
1,4-Dioxane
Concen: 8.12 ng
RT: 3.38 min Scan# 68
Delta R.T. -0.01 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion: 88 Resp: 10148

Ion	Ratio	Lower	Upper
88	100		
58	89.2	63.6	95.4
43	38.0	28.0	42.0



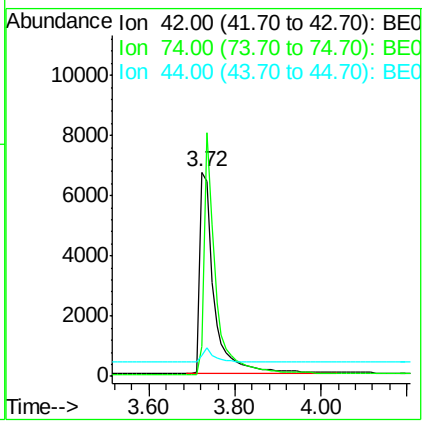


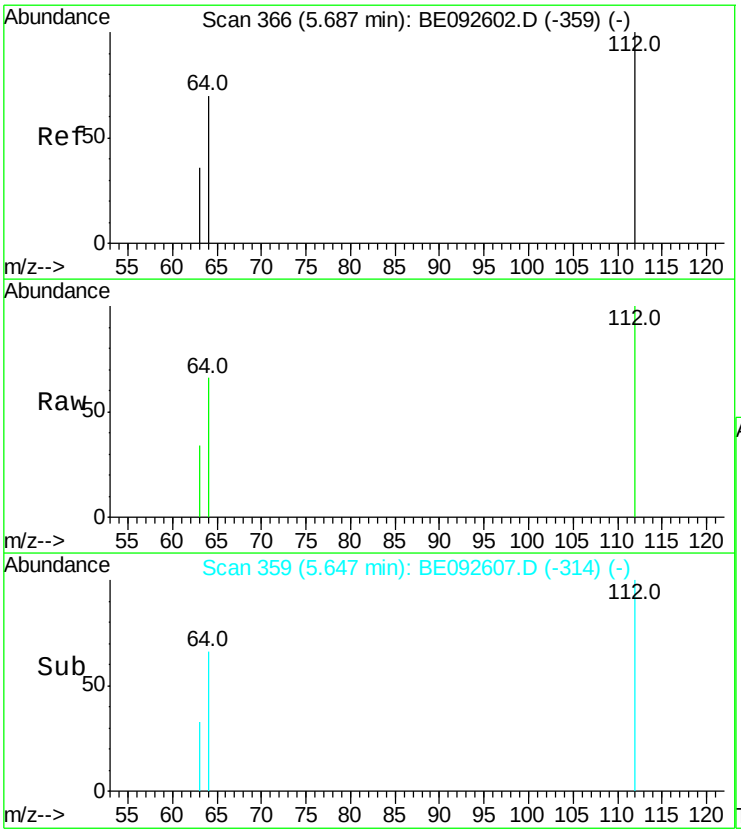
#3
n-Nitrosodimethylamine
Concen: 13.15 ng
RT: 3.72 min Scan# 98
Delta R.T. -0.07 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 15778

Ion	Ratio	Lower	Upper
42	100		
74	97.9	86.0	129.0
44	6.0	5.1	7.7

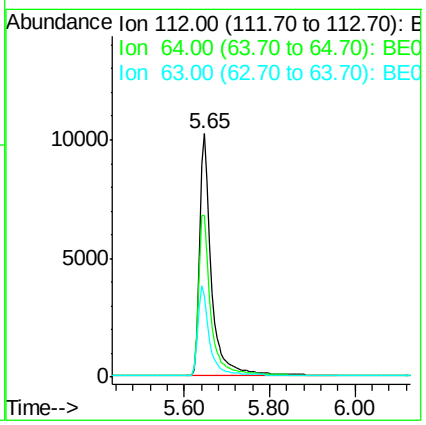


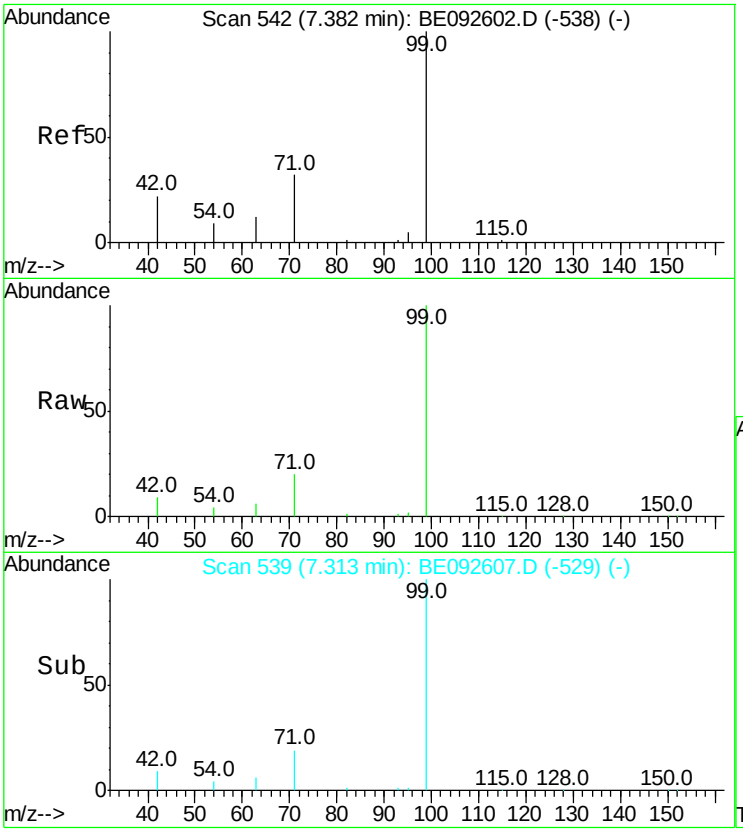


#4
2-Fluorophenol
Concen: 12.71 ng
RT: 5.65 min Scan# 359
Delta R.T. -0.04 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:112 Resp: 19686

Ion	Ratio	Lower	Upper
112	100		
64	68.6	53.5	80.3
63	37.1	27.9	41.9



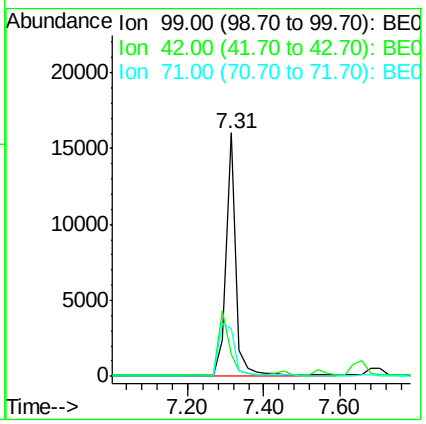


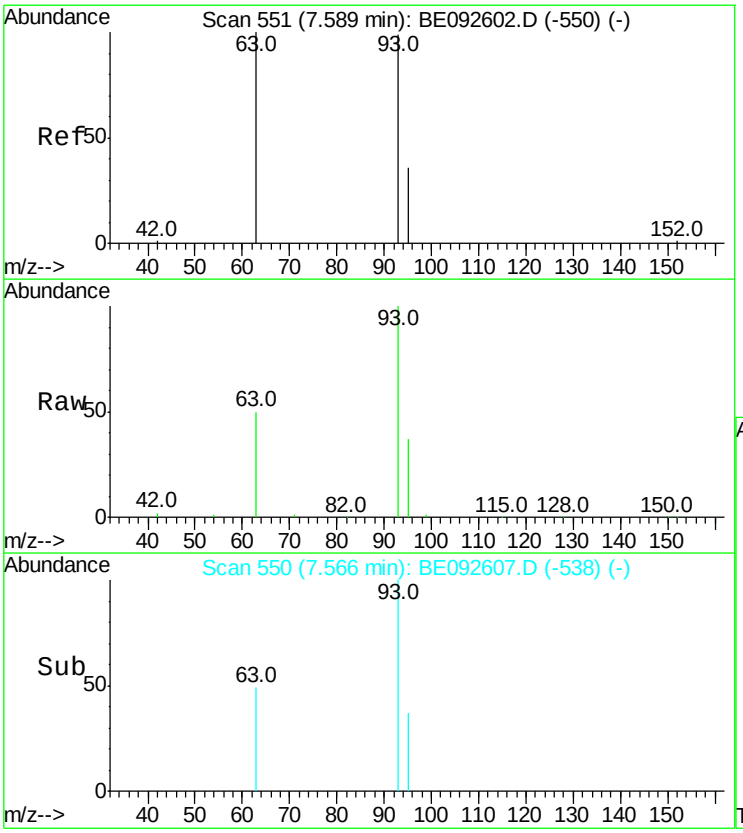
#5
Phenol-d6
Concen: 14.69 ng
RT: 7.31 min Scan# 539
Delta R.T. -0.07 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 29761

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

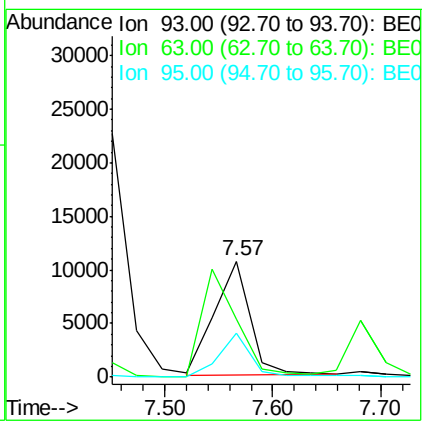


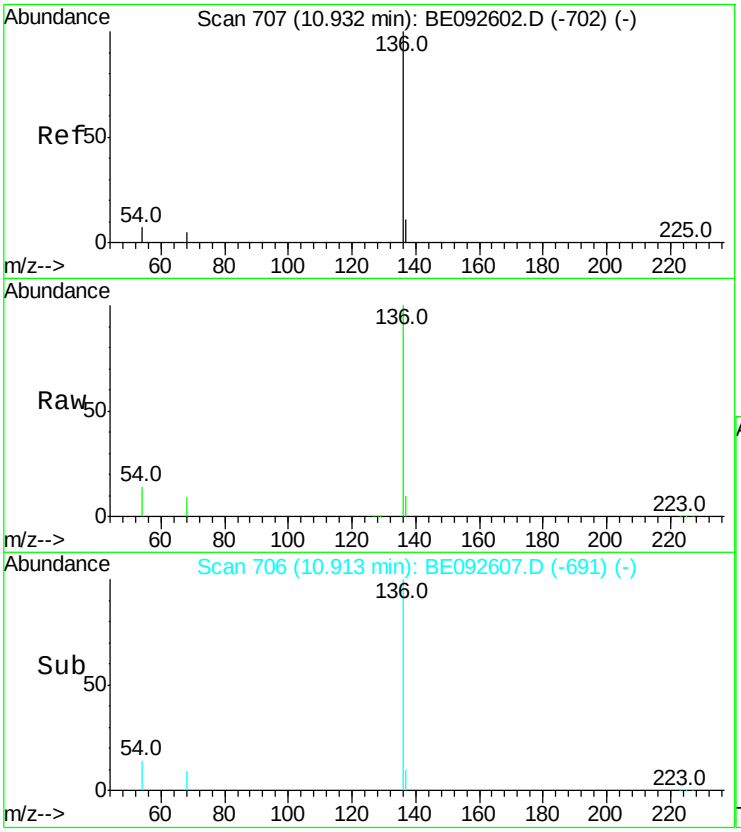


#6
bis(2-Chloroethyl)ether
Concen: 9.79 ng
RT: 7.57 min Scan# 550
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion: 93 Resp: 24086

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	34.7	24.0	36.0



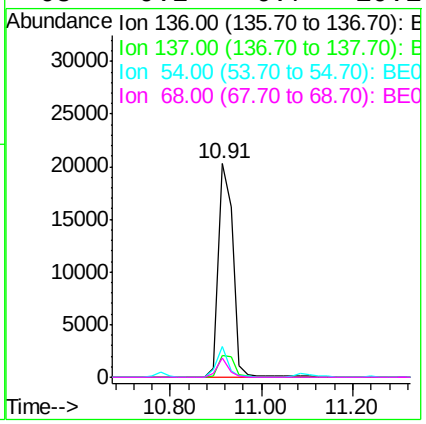


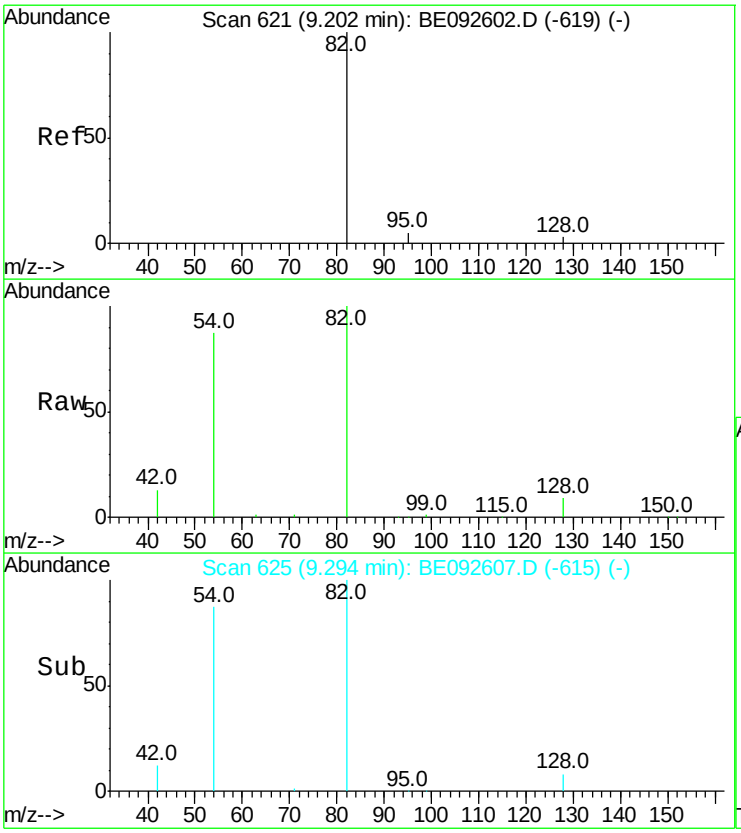
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.91 min Scan# 706
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 44847

Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.2	12.4
54	14.2	9.6	14.4
68	9.2	6.7	10.1

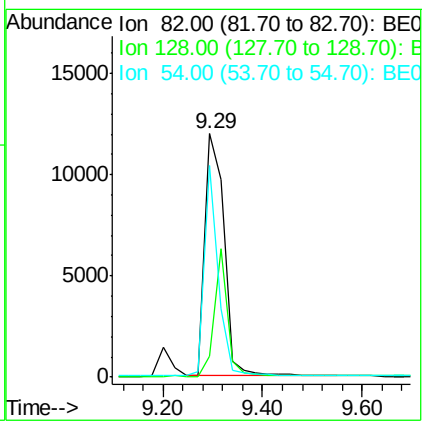


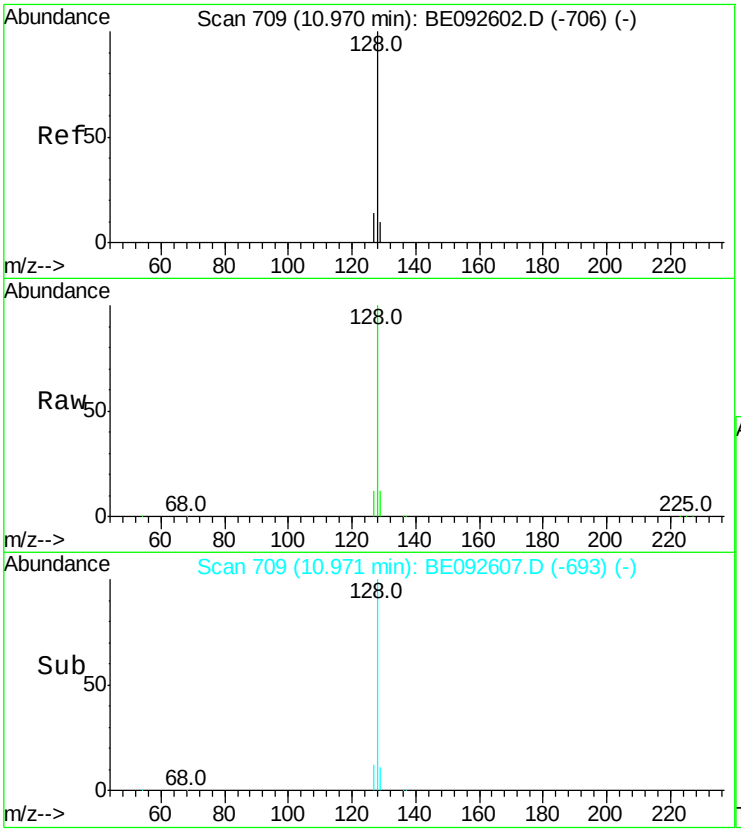


#8
Nitrobenzene-d5
Concen: 13.29 ng
RT: 9.29 min Scan# 625
Delta R.T. -0.07 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion: 82 Resp: 32111

Ion	Ratio	Lower	Upper
82	100		
128	8.8	39.0	58.4#
54	87.0	44.8	67.2#



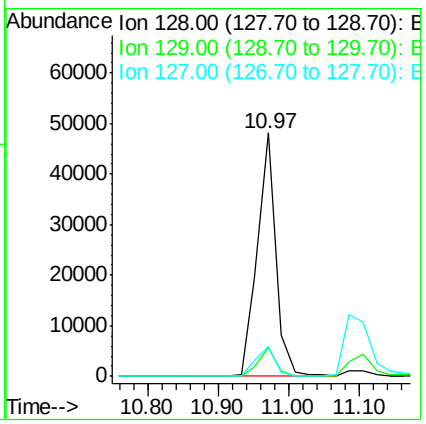


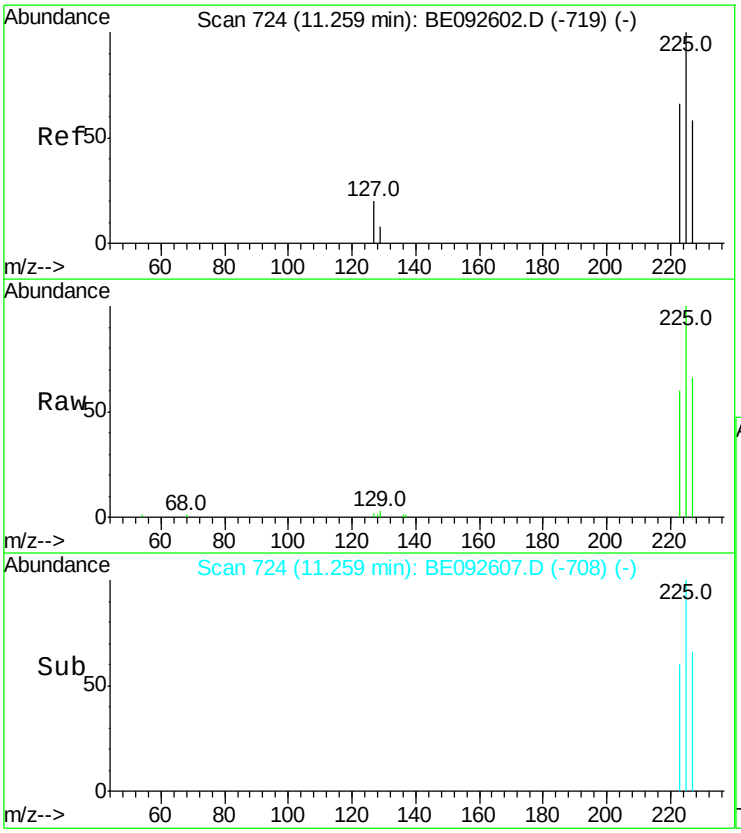
#9
Naphthalene
Concen: 9.64 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 89207

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

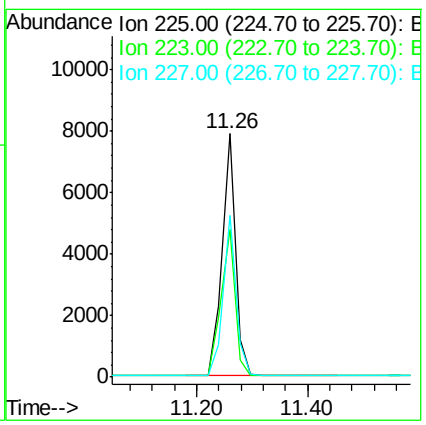


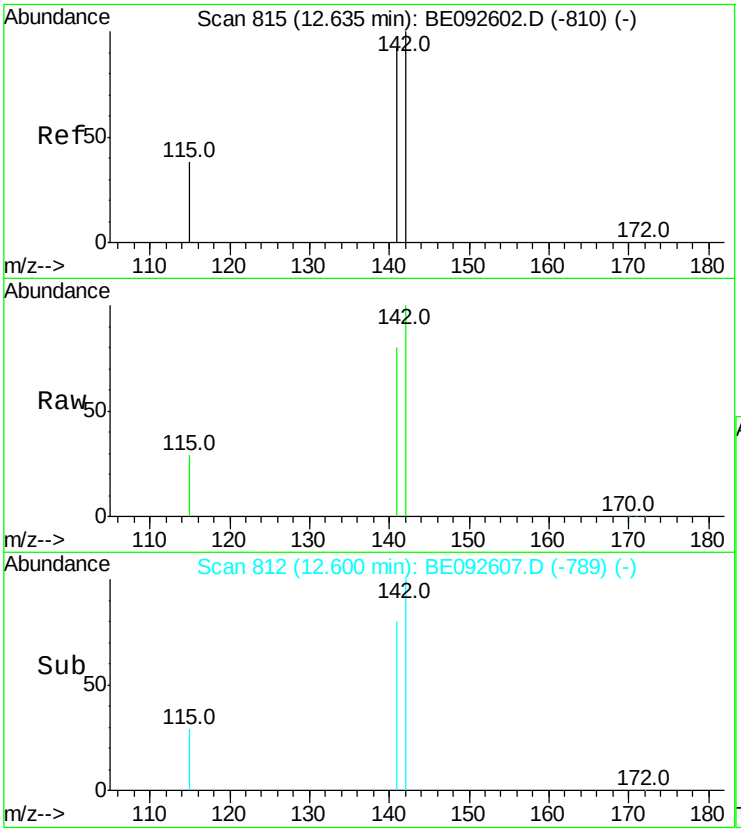


#10
Hexachlorobutadiene
Concen: 9.34 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:225 Resp: 13152

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.5	51.4	77.0



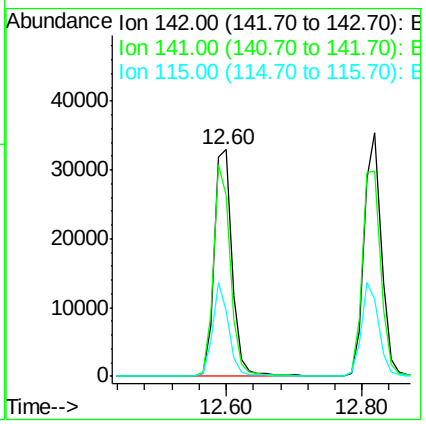


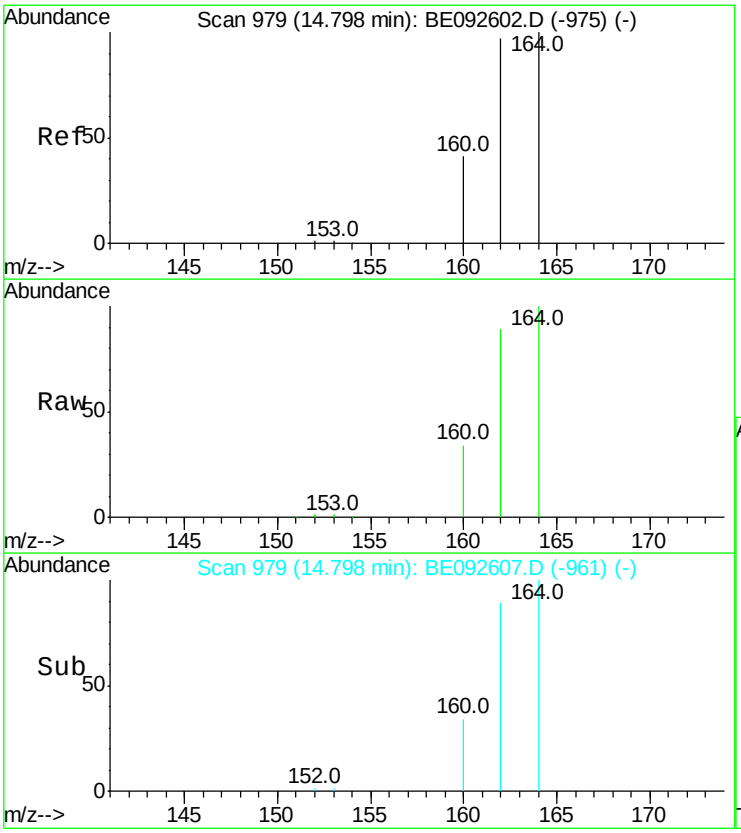
#11
2-Methylnaphthalene
Concen: 10.43 ng
RT: 12.60 min Scan# 812
Delta R.T. -0.04 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 61587

Ion	Ratio	Lower	Upper
142	100		
141	79.8	73.7	110.5
115	28.8	34.0	51.0#

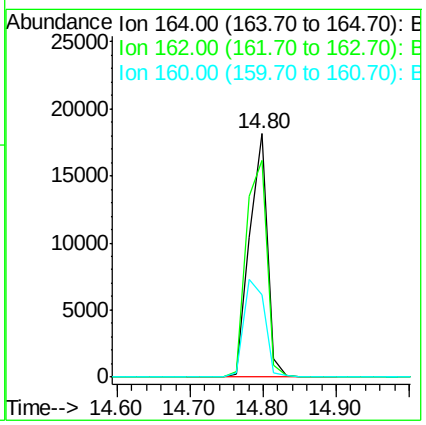


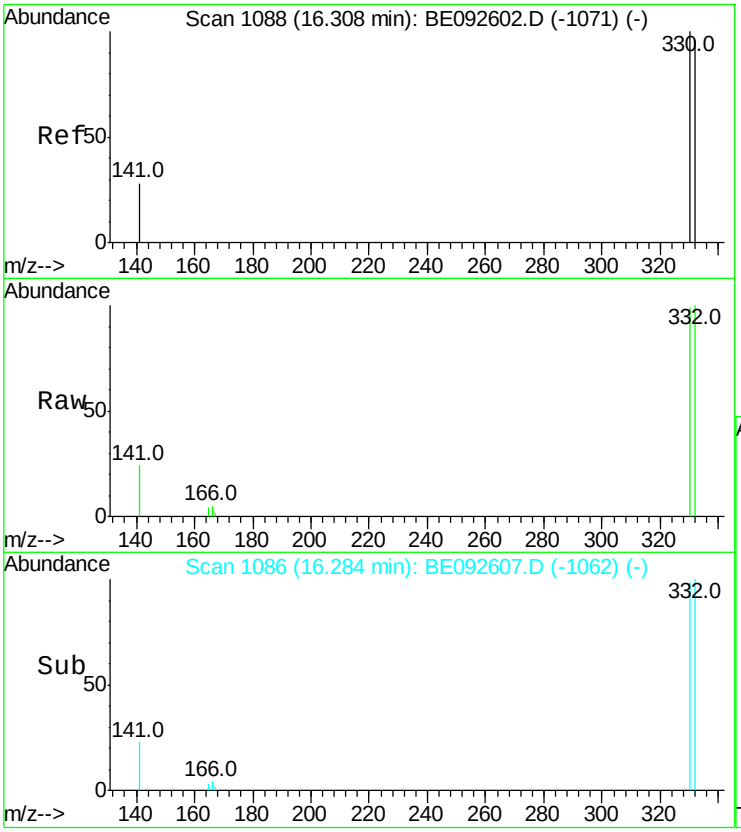


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:164 Resp: 30841

Ion	Ratio	Lower	Upper
164	100		
162	89.2	71.4	107.0
160	33.8	27.4	41.2



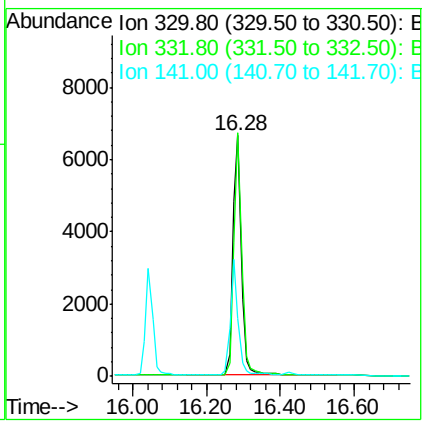


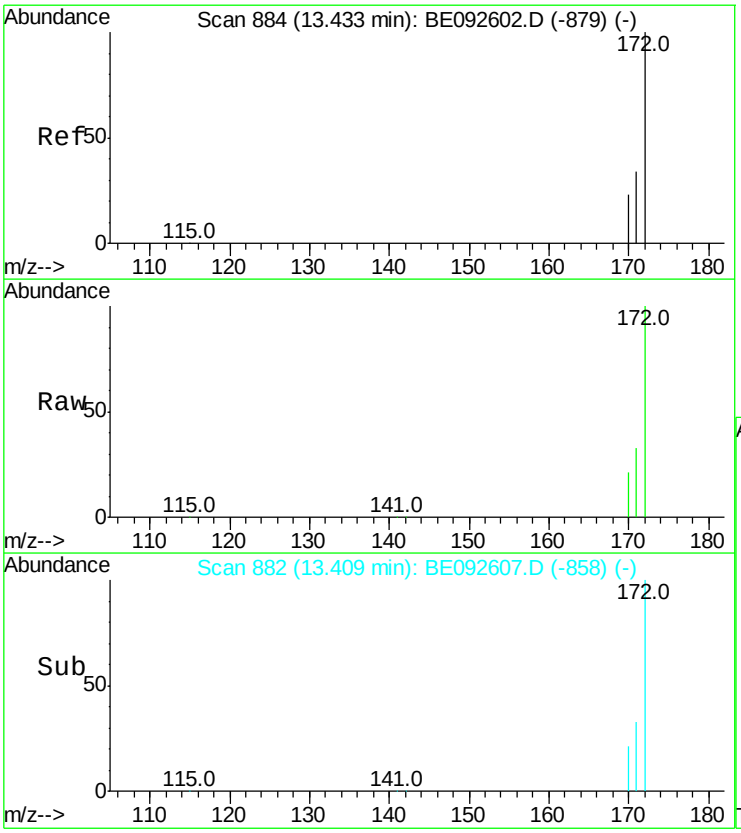
#13
2,4,6-Tribromophenol
Concen: 15.11 ng
RT: 16.28 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 10456

Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.4	113.0
141	43.9	31.0	46.6

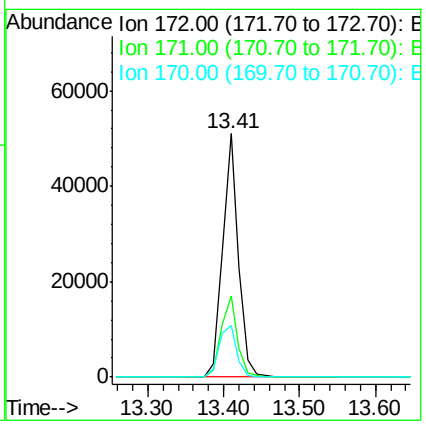


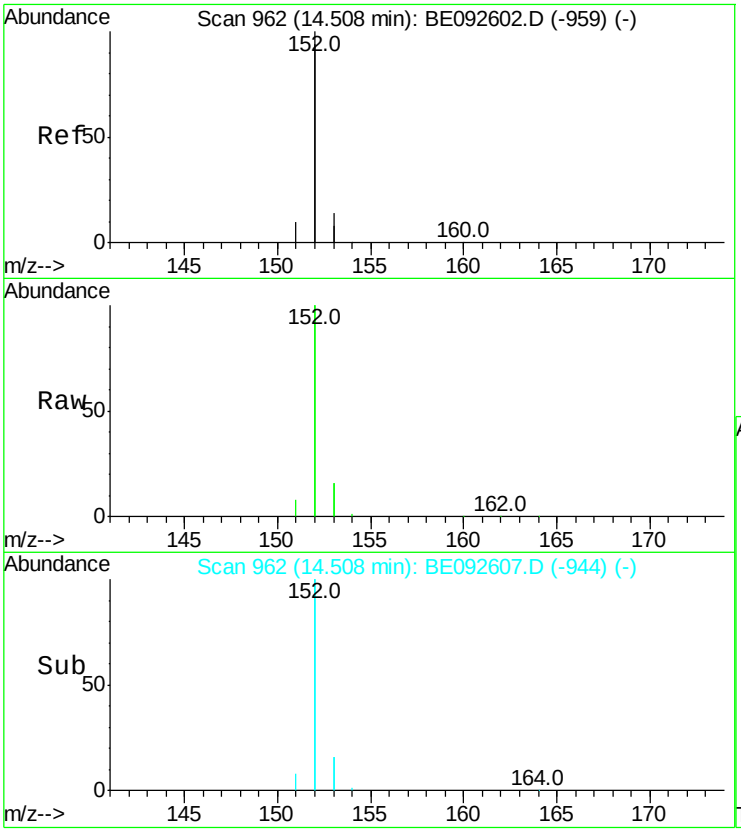


#14
2-Fluorobiphenyl
Concen: 9.94 ng
RT: 13.41 min Scan# 882
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:172 Resp: 74777

Ion	Ratio	Lower	Upper
172	100		
171	33.0	30.1	45.1
170	21.2	21.8	32.6#



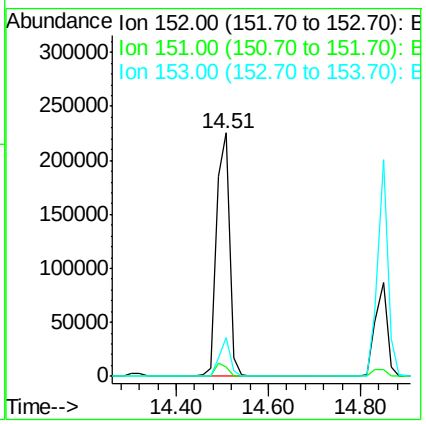


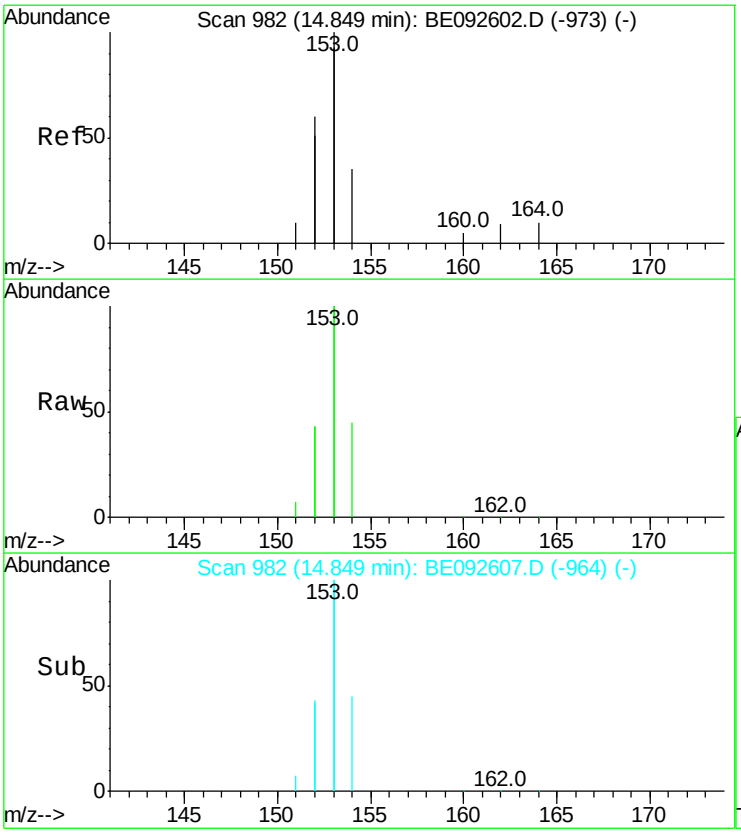
#15
Acenaphthylene
Concen: 10.48 ng
RT: 14.51 min Scan# 962
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 450064

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

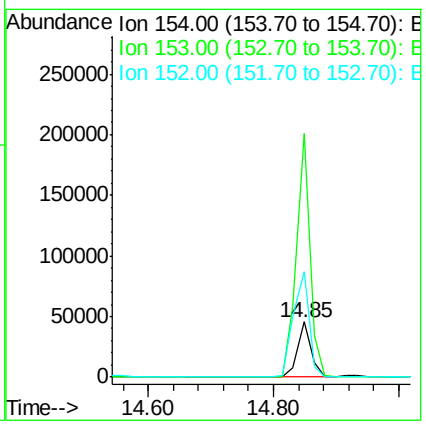


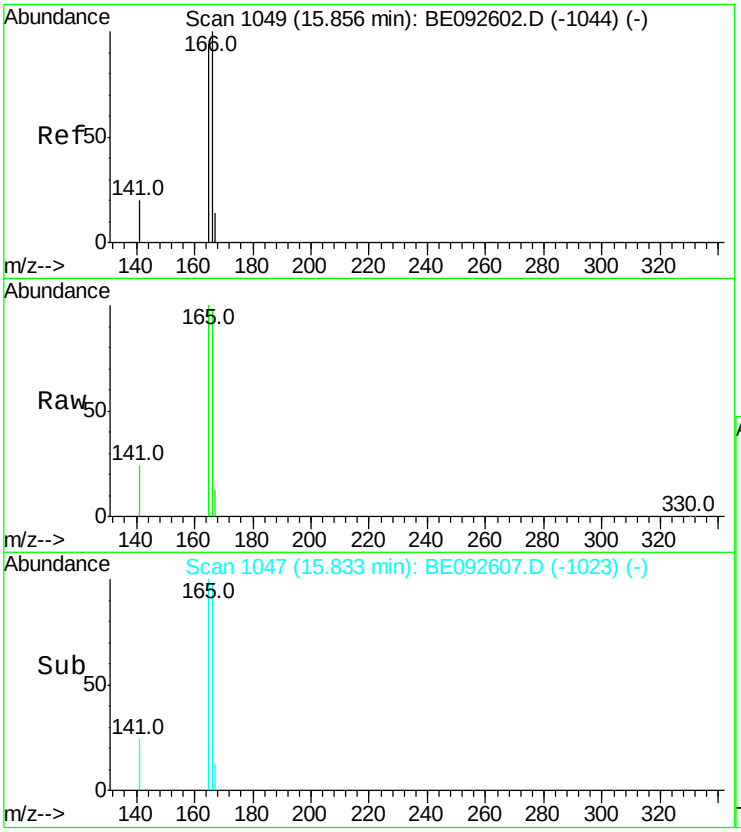


#16
Acenaphthene
Concen: 9.59 ng
RT: 14.85 min Scan# 982
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:154 Resp: 67227

Ion	Ratio	Lower	Upper
154	100		
153	450.3	350.8	526.2
152	224.3	171.1	256.7



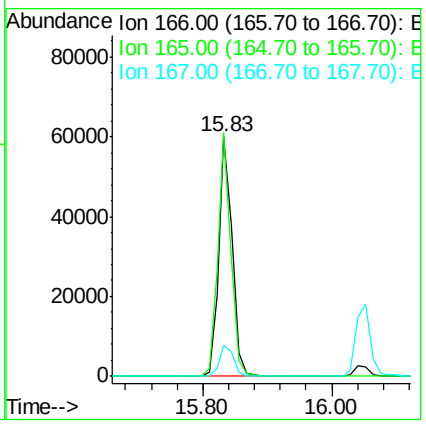


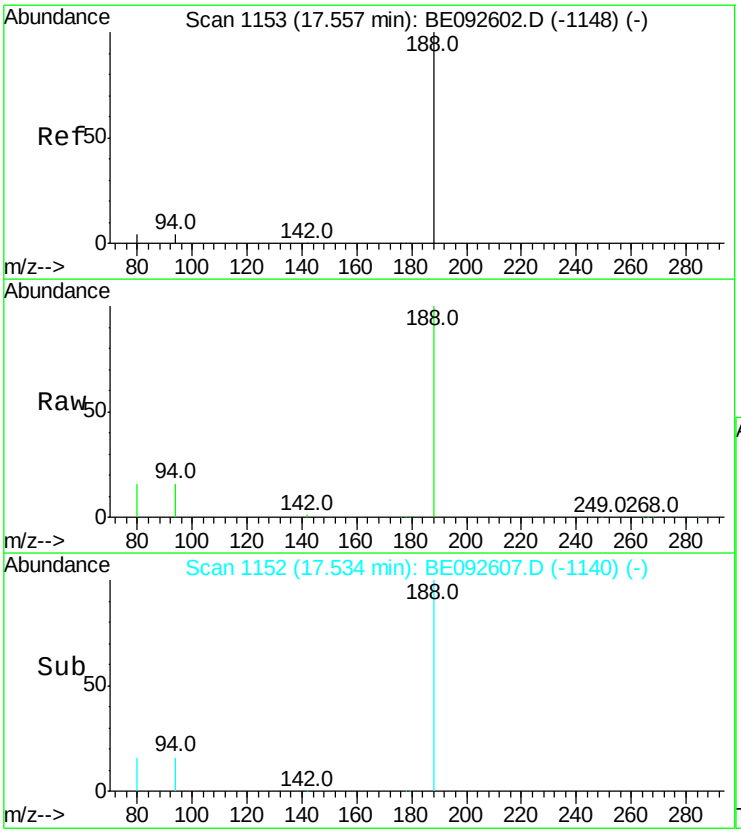
#17
Fluorene
Concen: 10.17 ng
RT: 15.83 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 88334

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.2	117.4
167	13.5	11.0	16.4

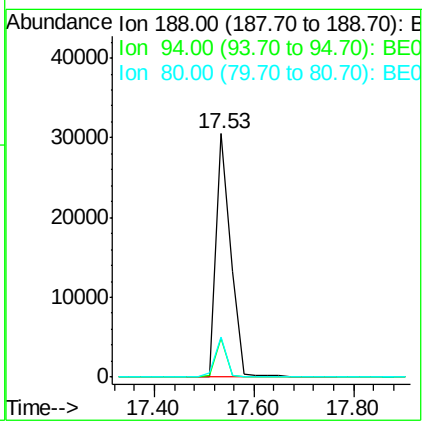


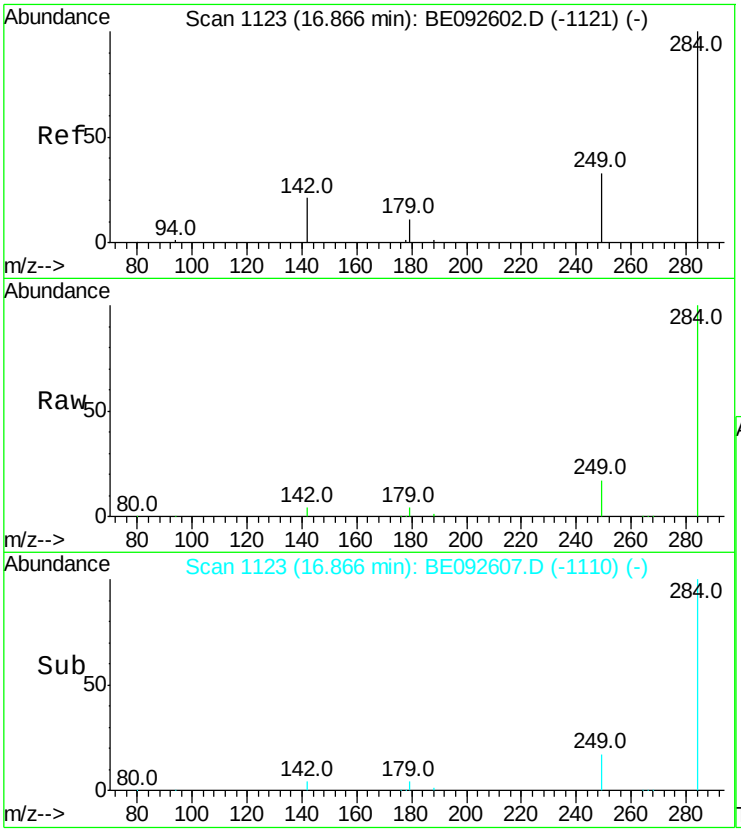


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:188 Resp: 61698

Ion	Ratio	Lower	Upper
188	100		
94	15.8	3.2	4.8#
80	16.5	2.6	3.8#



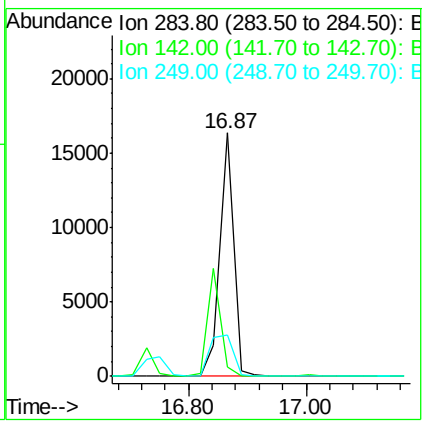


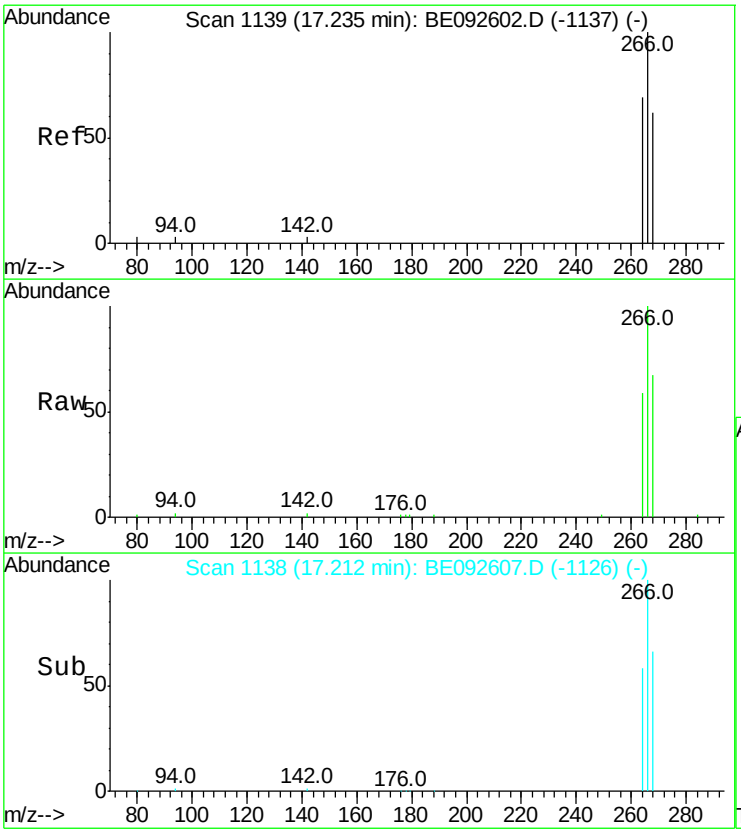
#19
Hexachlorobenzene
Concen: 10.66 ng
RT: 16.87 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 25955

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

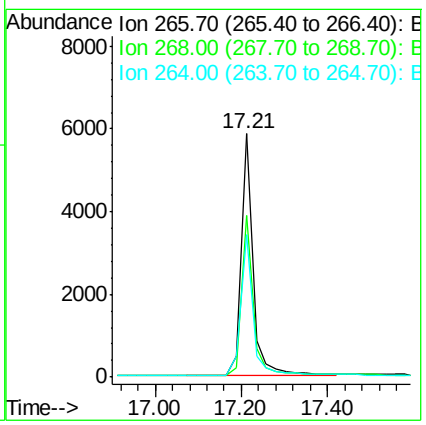


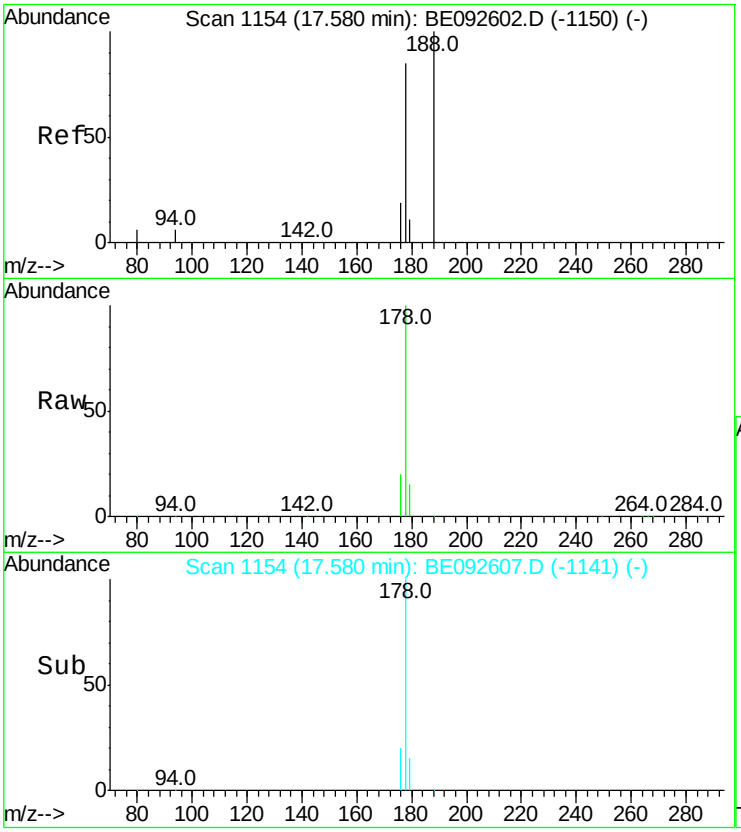


#20
Pentachlorophenol
Concen: 24.27 ng
RT: 17.21 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:266 Resp: 10911

Ion	Ratio	Lower	Upper
266	100		
268	66.6	62.5	93.7
264	58.6	57.2	85.8



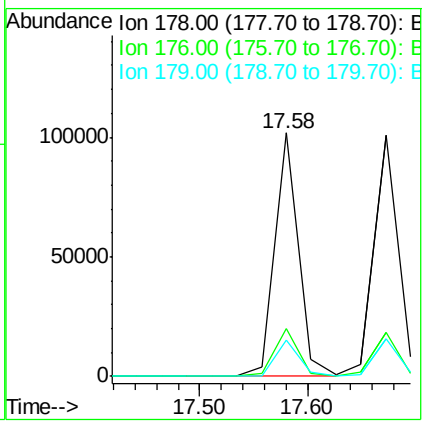


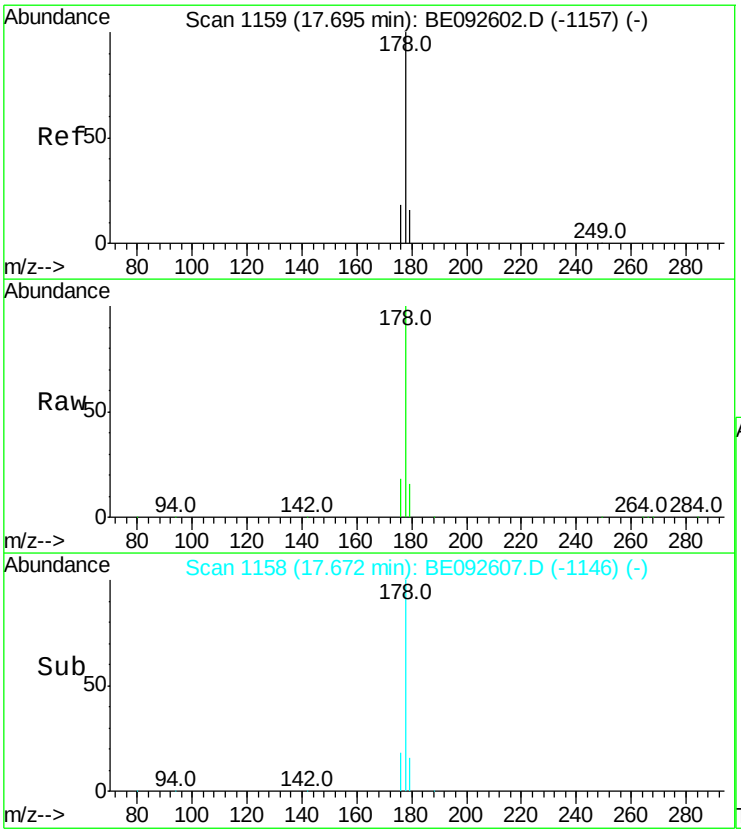
#21
Phenanthrene
Concen: 11.36 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 156859

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.3	16.0	24.0#

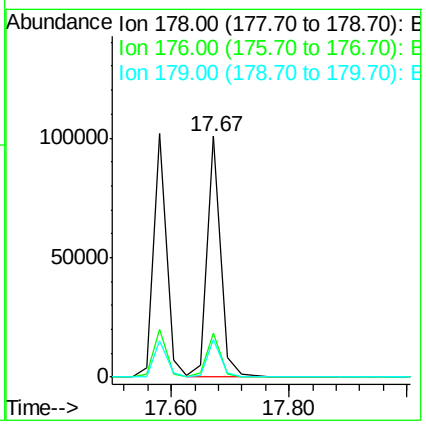


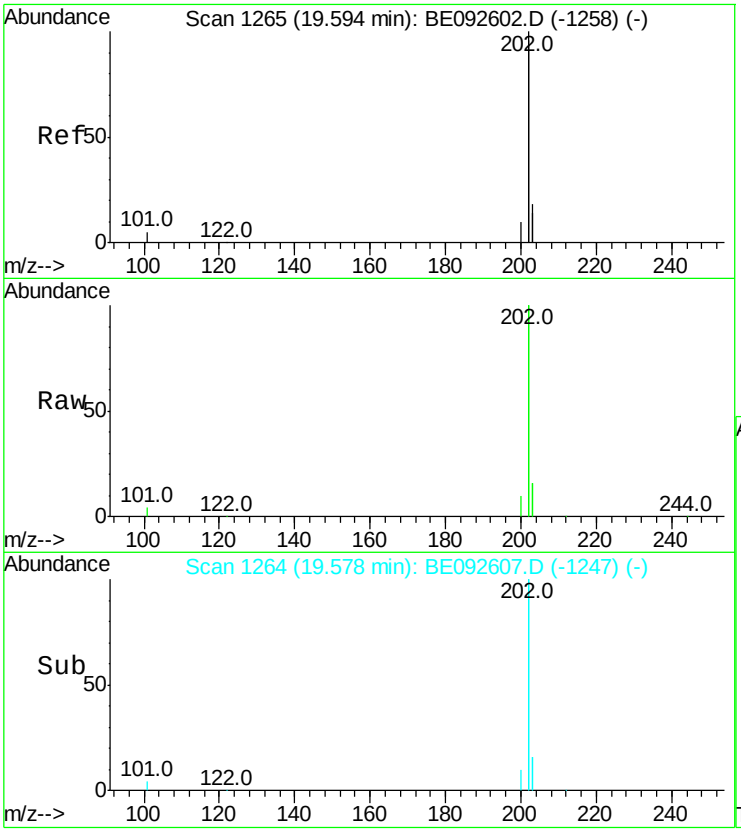


#22
Anthracene
Concen: 12.31 ng
RT: 17.67 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:178 Resp: 160036

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.8	12.2	18.2



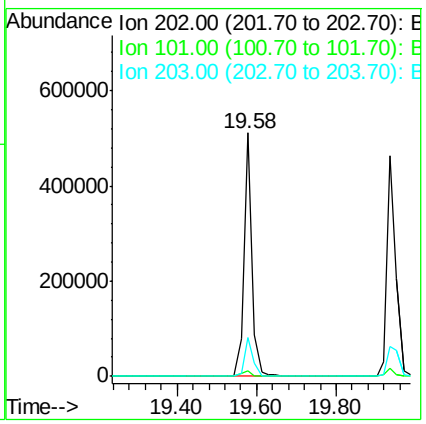


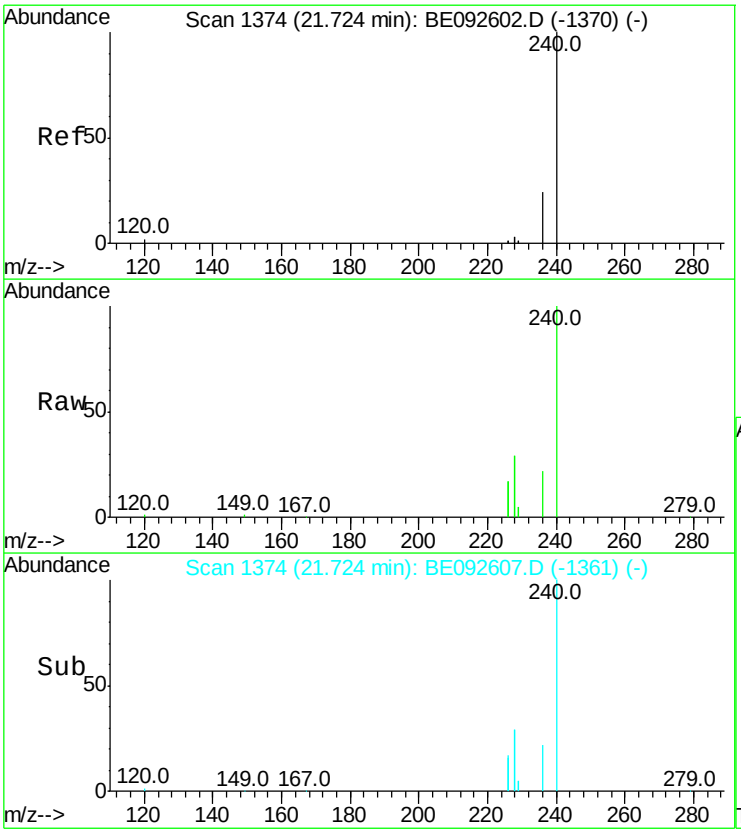
#23
Fluoranthene
Concen: 11.06 ng
RT: 19.58 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 712205

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.0	13.7	20.5

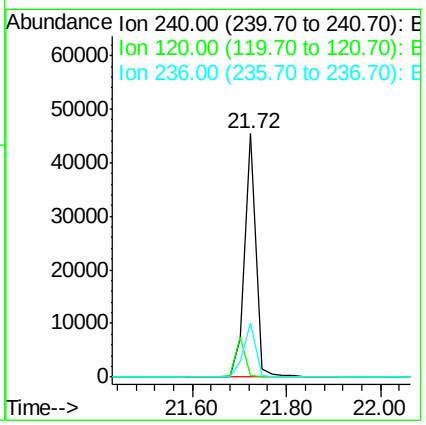


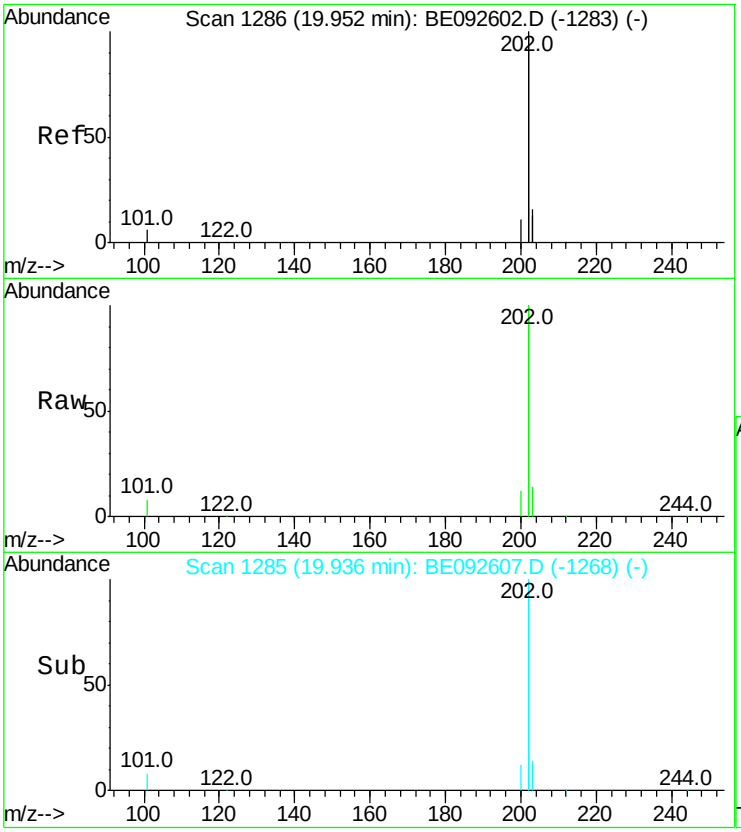


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:240 Resp: 75326

Ion	Ratio	Lower	Upper
240	100		
120	0.8	2.6	4.0#
236	22.3	24.6	37.0#



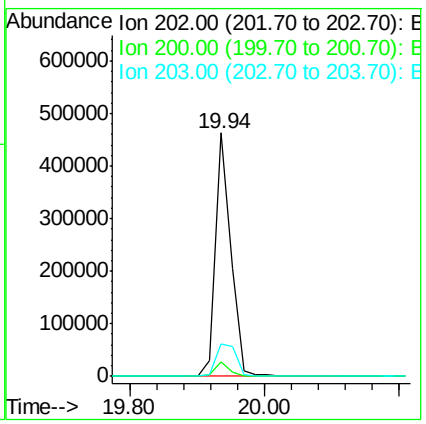


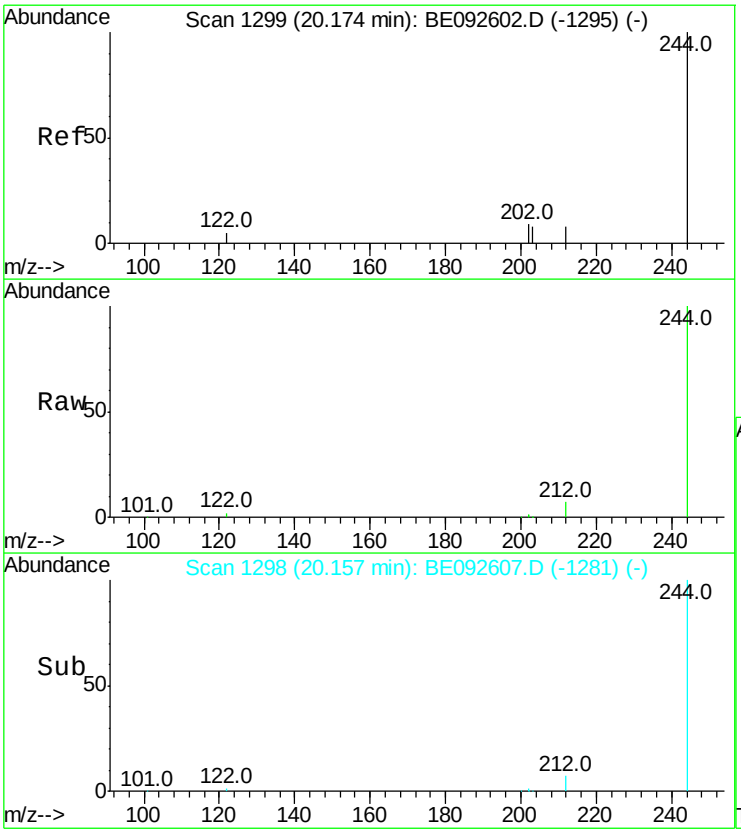
#25
Pyrene
Concen: 12.25 ng
RT: 19.94 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 733563

Ion	Ratio	Lower	Upper
202	100		
200	5.4	4.2	6.4
203	17.5	13.9	20.9

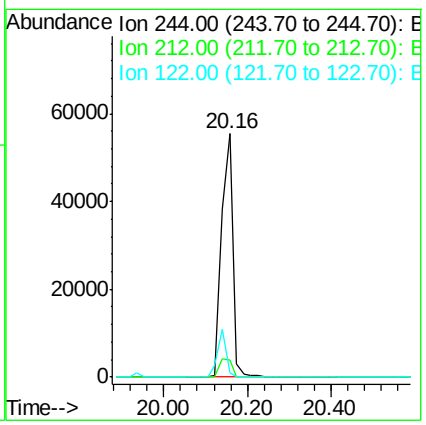


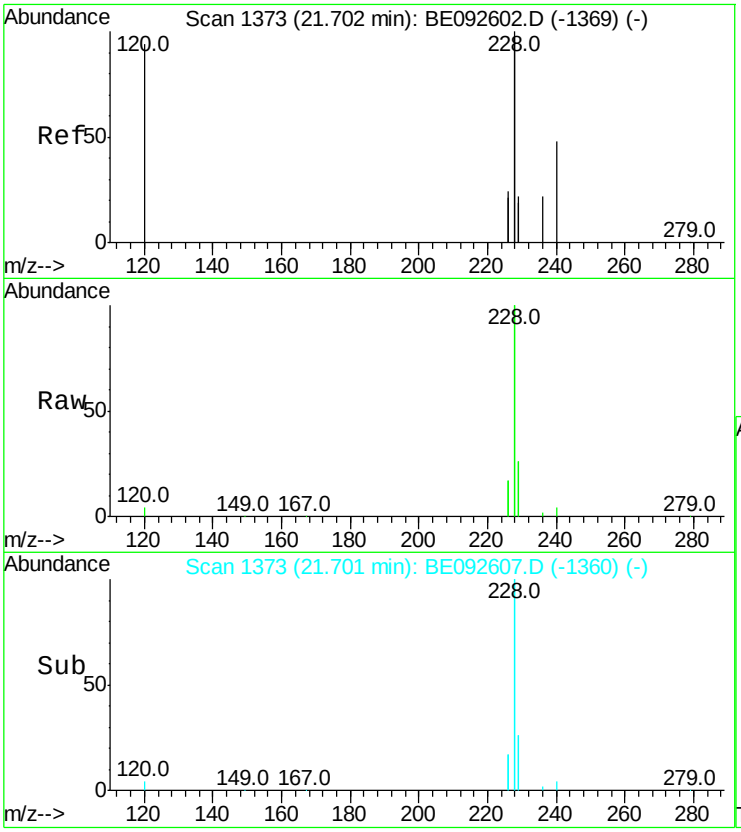


#26
Terphenyl-d14
Concen: 11.70 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:244 Resp: 100806

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.7	10.1
122	1.5	3.6	5.4#



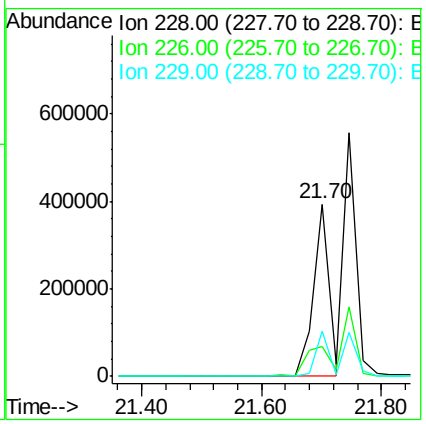


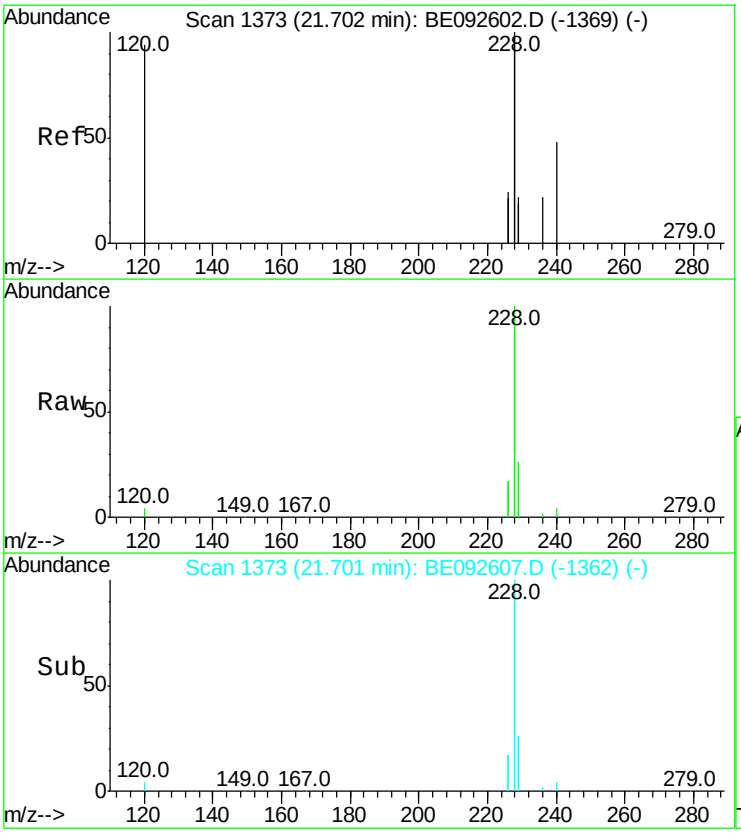
#27
Benzo(a)anthracene
Concen: 10.06 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 711216

Ion	Ratio	Lower	Upper
228	100		
226	17.3	23.6	35.4#
229	26.3	13.3	19.9#

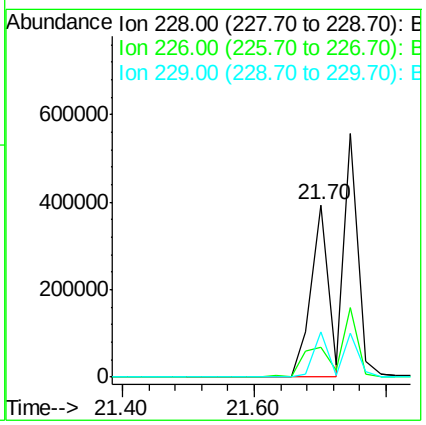


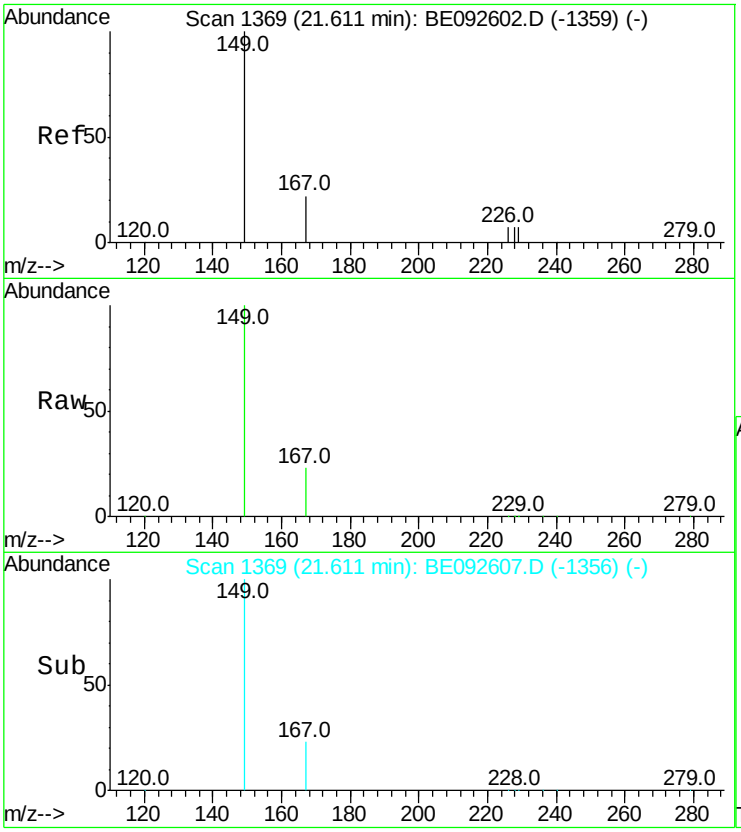


#28
Chrysene
Concen: 11.11 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:228 Resp: 711188

Ion	Ratio	Lower	Upper
228	100		
226	17.3	36.3	54.5#
229	26.3	10.6	16.0#



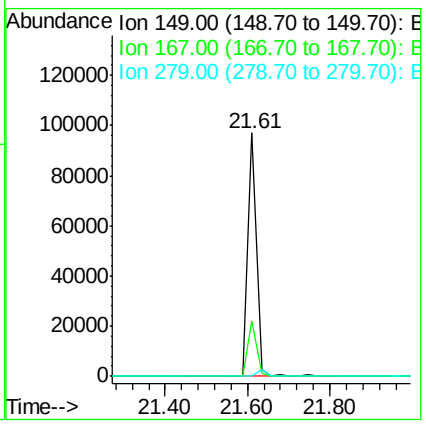


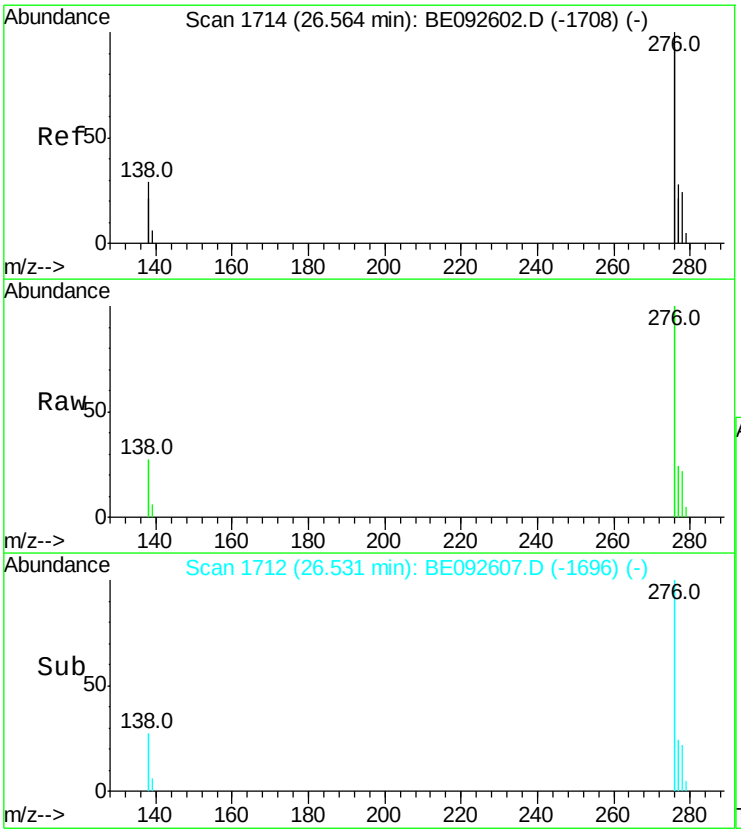
#29
Bis(2-ethylhexyl)phthalate
Concen: 30.05 ng
RT: 21.61 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 138006

Ion	Ratio	Lower	Upper
149	100		
167	23.3	16.0	24.0
279	0.0	16.0	24.0#

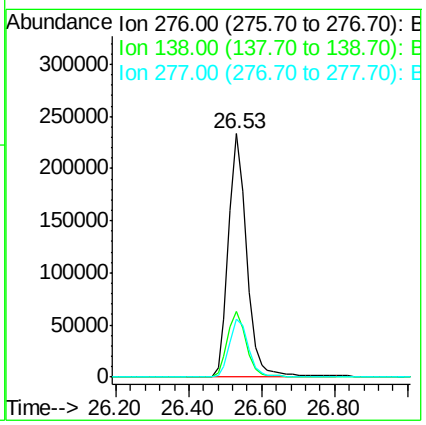


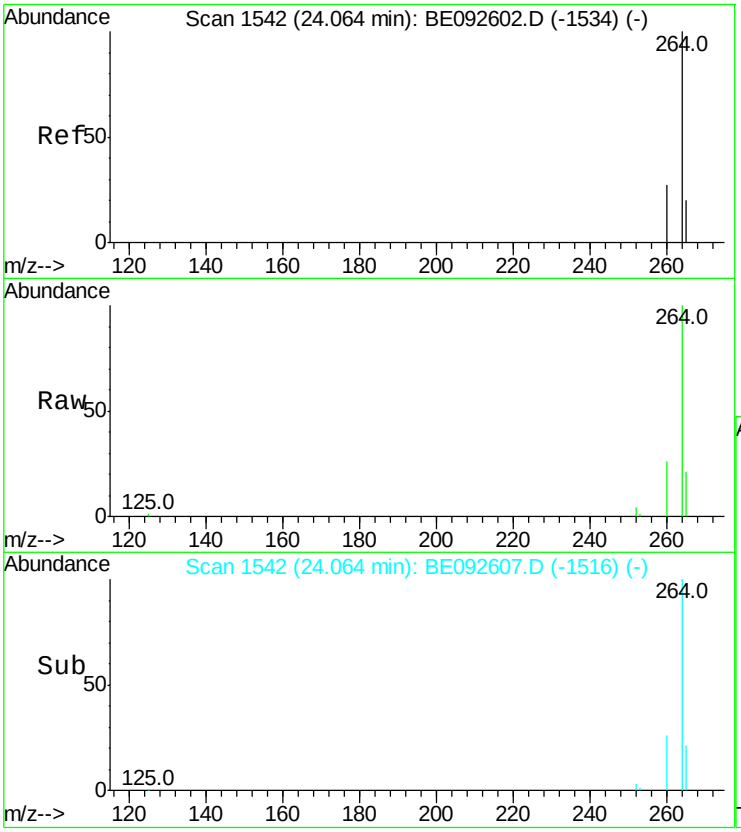


#30
Indeno(1,2,3-cd)pyrene
Concen: 11.32 ng
RT: 26.53 min Scan# 1712
Delta R.T. -0.03 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:276 Resp: 805079

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.3	30.5
277	24.9	19.7	29.5



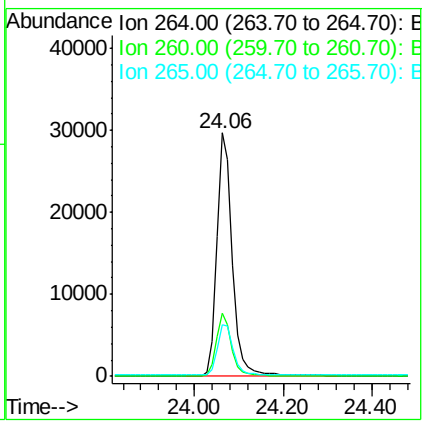


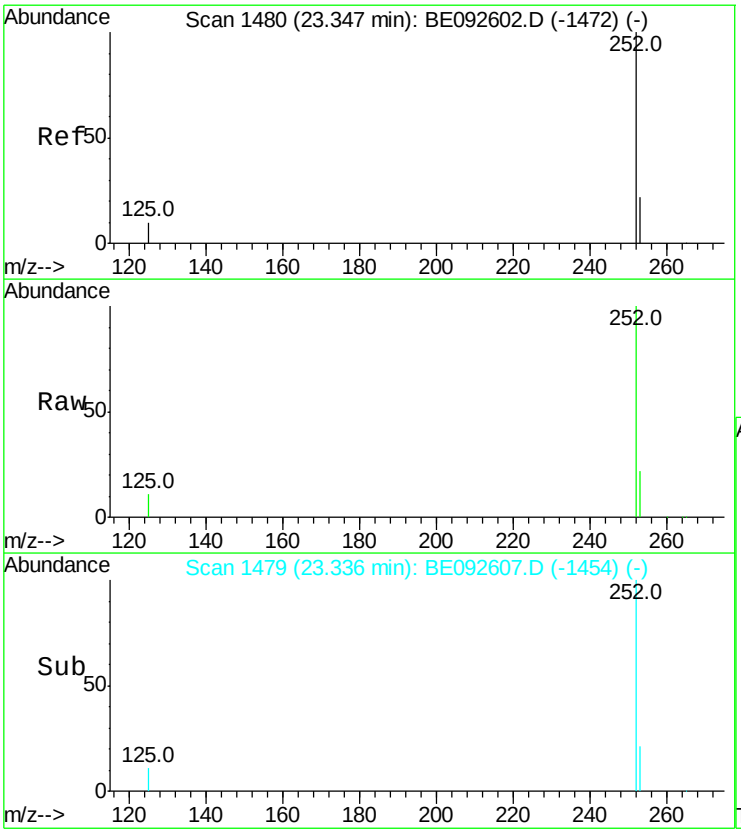
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 71474

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.1	30.1
265	21.3	17.9	26.9

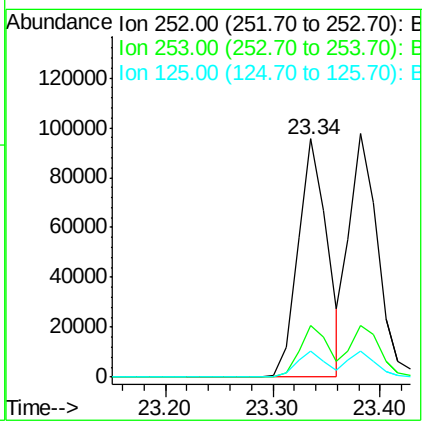


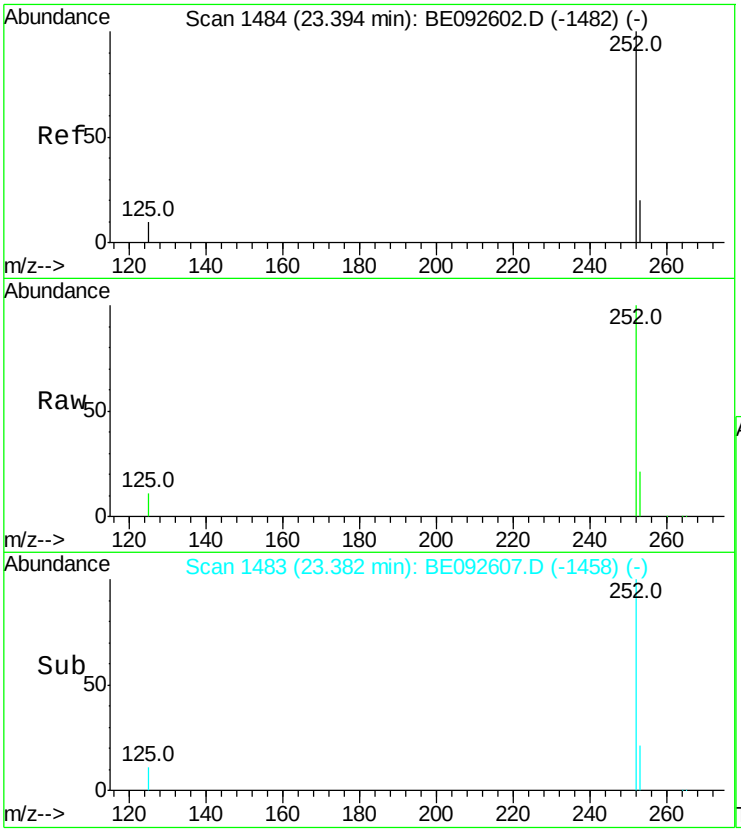


#32
Benzo(b)fluoranthene
Concen: 10.34 ng
RT: 23.34 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:252 Resp: 179303

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.7	28.1
125	10.9	10.5	15.7



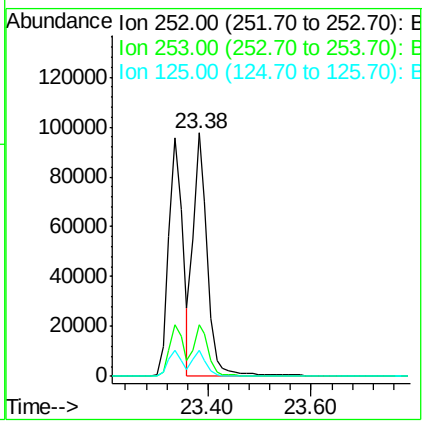


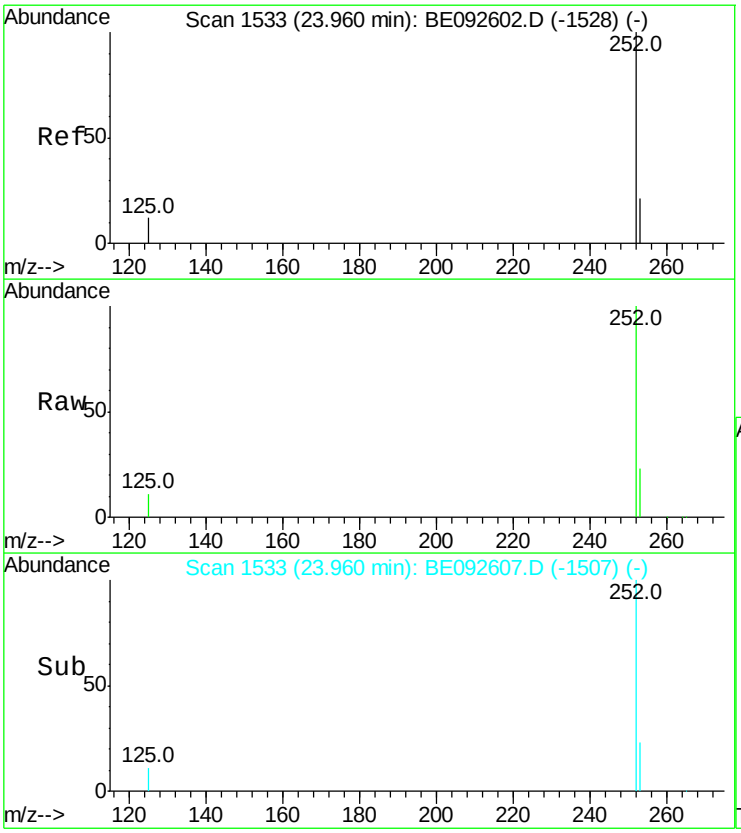
#33
Benzo(k)fluoranthene
Concen: 10.11 ng
RT: 23.38 min Scan# 1483
Delta R.T. -0.01 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 183555

Ion	Ratio	Lower	Upper
252	100		
253	21.4	20.3	30.5
125	10.9	9.6	14.4

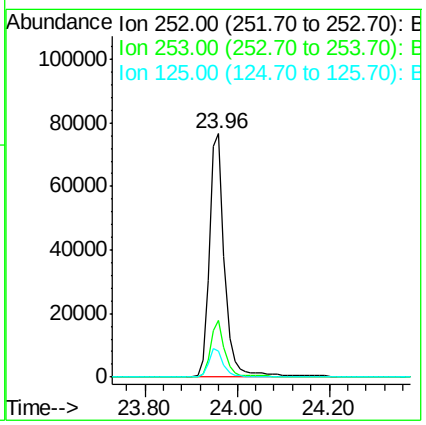


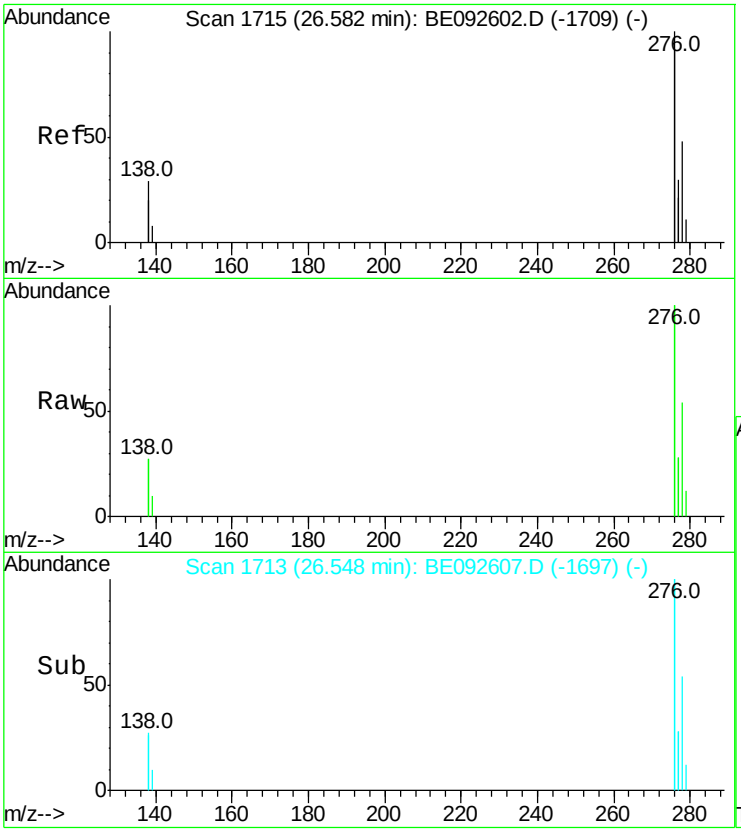


#34
Benzo(a)pyrene
Concen: 10.88 ng
RT: 23.96 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:252 Resp: 174547

Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.0	28.6
125	10.8	11.8	17.8#



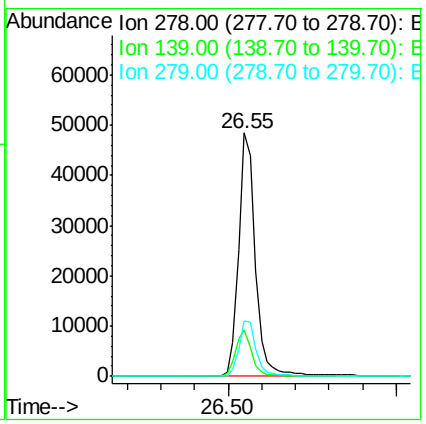


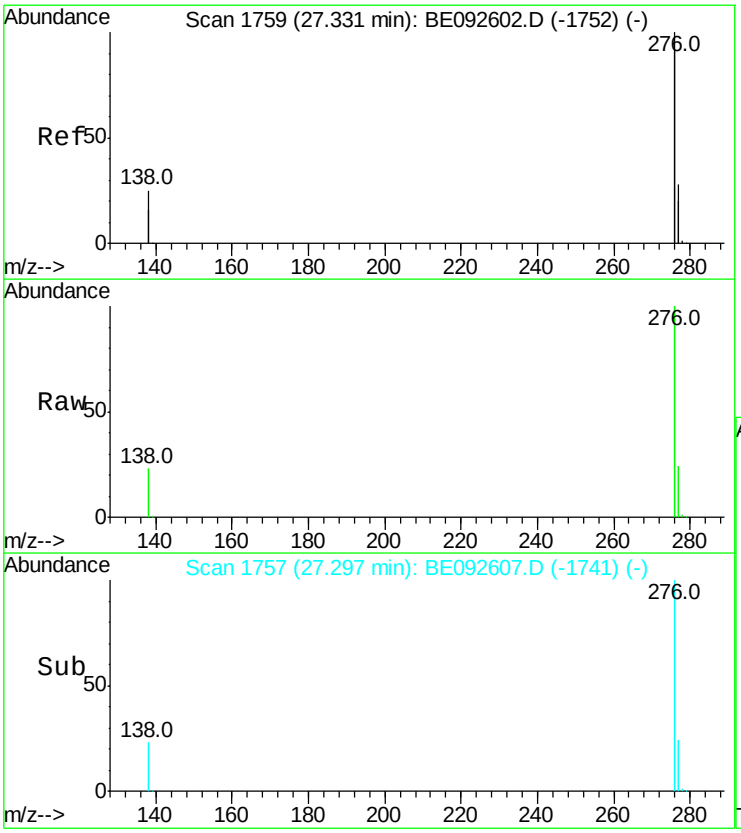
#35
Dibenzo(a,h)anthracene
Concen: 10.52 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 167098

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.8	20.8
279	22.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 10.23 ng
RT: 27.30 min Scan# 1757
Delta R.T. -0.03 min
Lab File: BE092607.D
Acq: 19 Dec 2016 14:39

Tgt Ion:276 Resp: 687776

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.8
138	23.4	19.8	29.6