Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
Data File : BE092603.D
Acq On : 19 Dec 2016 11:52
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Dec 19 15:01:21 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	8150	5.00	ng		0.00
7) Naphthalene-d8	10.93	136	39077	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	26501	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	55585	5.00	ng		0.00
24) Chrysene-d12	21.72	240	72014	5.00	ng		0.00
31) Perylene-d12	24.06	264	64706	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	979	0.71	ng		-0.02
5) Phenol-d6	7.34	99	1399	0.78	ng		-0.05
8) Nitrobenzene-d5	9.34	82	1733	0.82	ng		-0.02
13) 2,4,6-Tribromophenol	16.30	330	428	0.72	ng		-0.01
14) 2-Fluorobiphenyl	13.42	172	5227	0.81	ng		-0.01
26) Terphenyl-d14	20.16	244	6888	0.84	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	919	0.83	ng		100
3) n-Nitrosodimethylamine	3.77	42	816	0.77	ng	#	95
6) bis(2-Chloroethyl)ether	7.59	93	1537	0.70	ng	#	28
9) Naphthalene	10.97	128	6353	0.79	ng		97
10) Hexachlorobutadiene	11.26	225	982	0.80	ng		99
11) 2-Methylnaphthalene	12.62	142	4021	0.78	ng		89
15) Acenaphthylene	14.51	152	28804	0.78	ng		100
16) Acenaphthene	14.85	154	4717	0.78	ng		92
17) Fluorene	15.85	166	5924	0.79	ng		99
19) Hexachlorobenzene	16.86	284	1946	0.89	ng	#	66
20) Pentachlorophenol	17.23	266	286	0.71	ng		97
21) Phenanthrene	17.58	178	10638	0.86	ng	#	95
22) Anthracene	17.69	178	9603	0.82	ng		100
23) Fluoranthene	19.59	202	46225	0.80	ng		99
25) Pyrene	19.95	202	48823	0.85	ng		100
27) Benzo(a)anthracene	21.70	228	50471	0.75	ng	#	88
28) Chrysene	21.70	228	50444	0.82	ng	#	68
29) Bis(2-ethylhexyl)phthalate	21.61	149	4771	1.09	ng	#	76
30) Indeno(1,2,3-cd)pyrene	26.55	276	53171	0.78	ng		97
32) Benzo(b)fluoranthene	23.35	252	12335	0.79	ng		98
33) Benzo(k)fluoranthene	23.39	252	12478	0.76	ng		96
34) Benzo(a)pyrene	23.96	252	11234	0.77	ng		98
35) Dibenzo(a,h)anthracene	26.57	278	10646	0.74	ng		94
36) Benzo(g,h,i)perylene	27.32	276	46001	0.76	ng		99

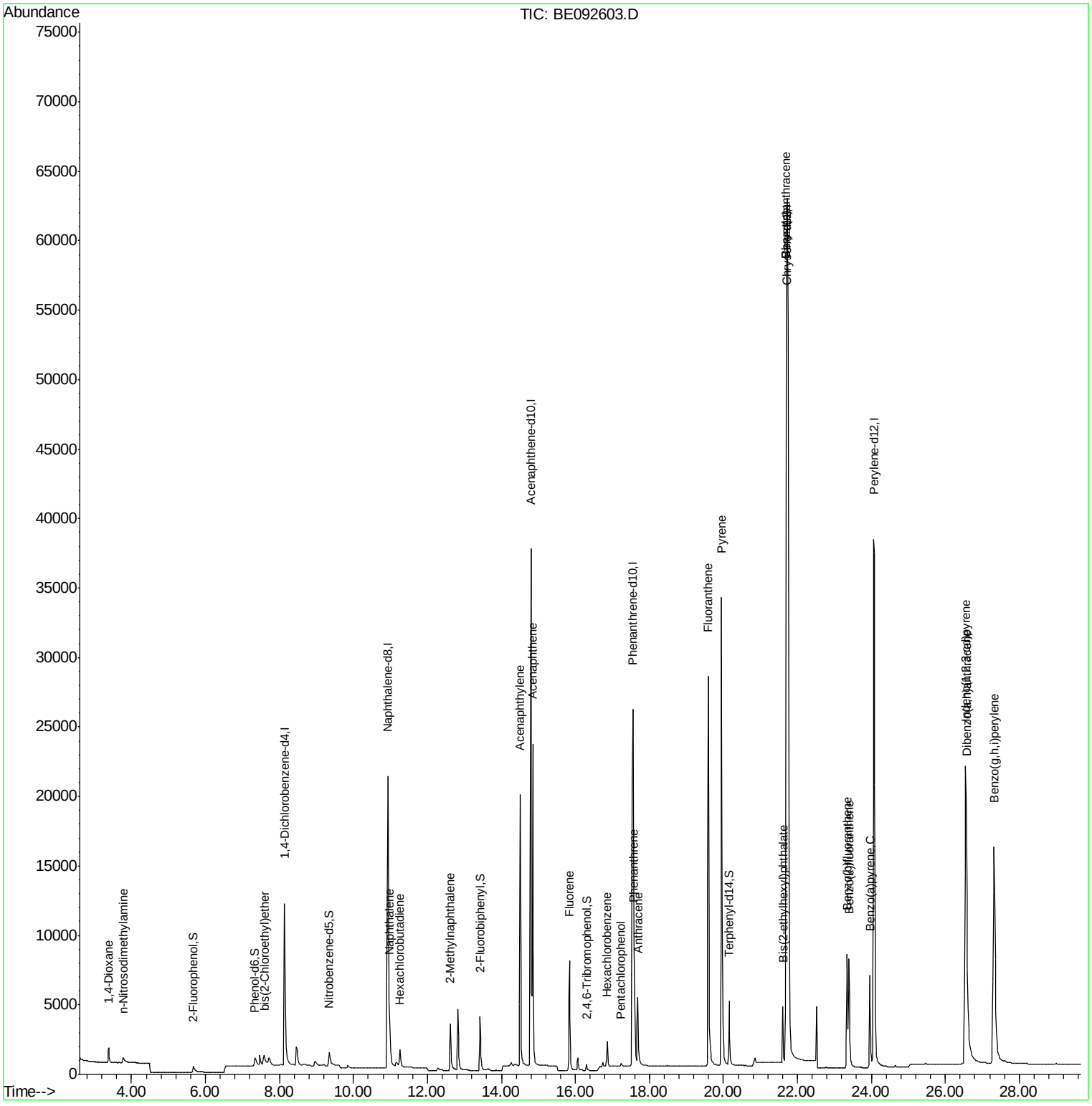
(#) = qualifier out of range (m) = manual integration (+) = signals summed

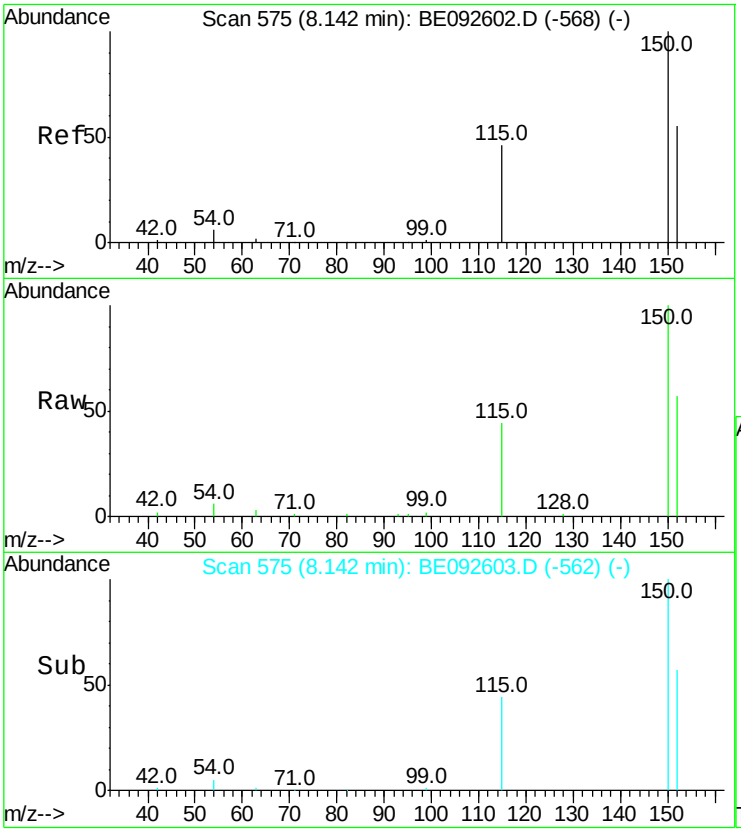
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE121916\
Data File : BE092603.D
Acq On : 19 Dec 2016 11:52
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Dec 19 15:01:21 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



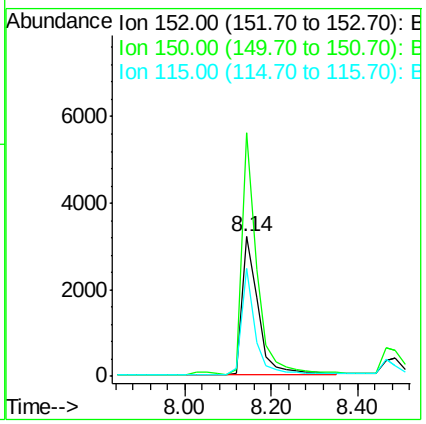


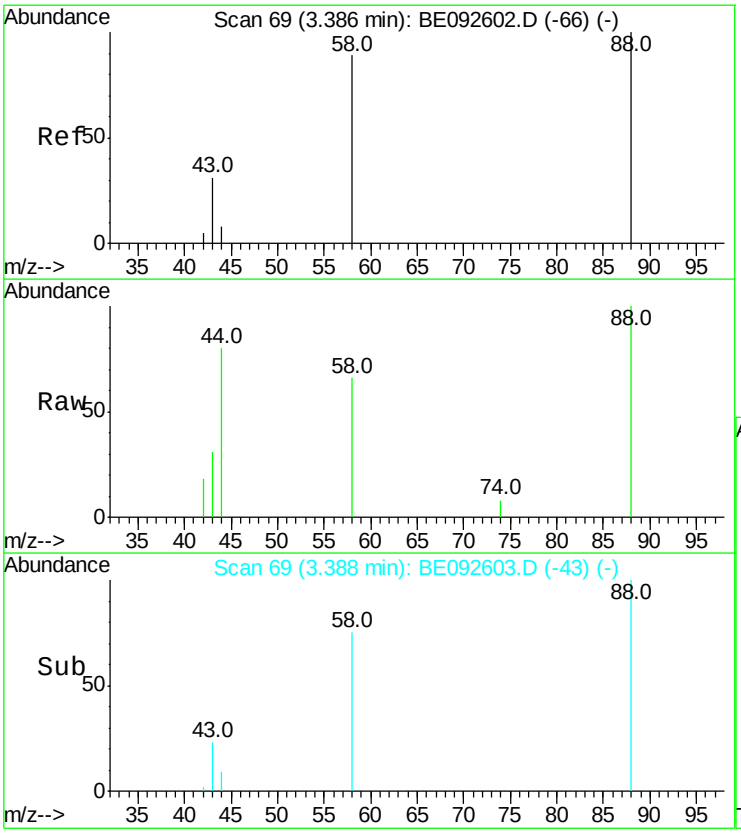
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 8150

Ion	Ratio	Lower	Upper
152	100		
150	174.4	106.0	159.0#
115	77.2	31.2	46.8#

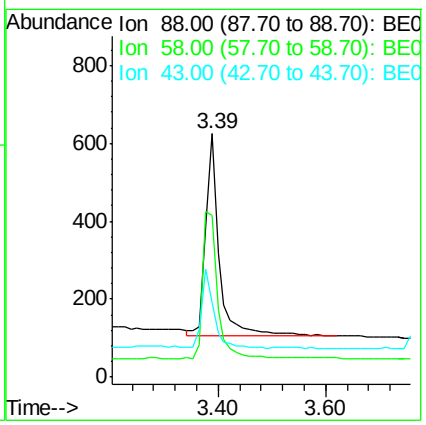


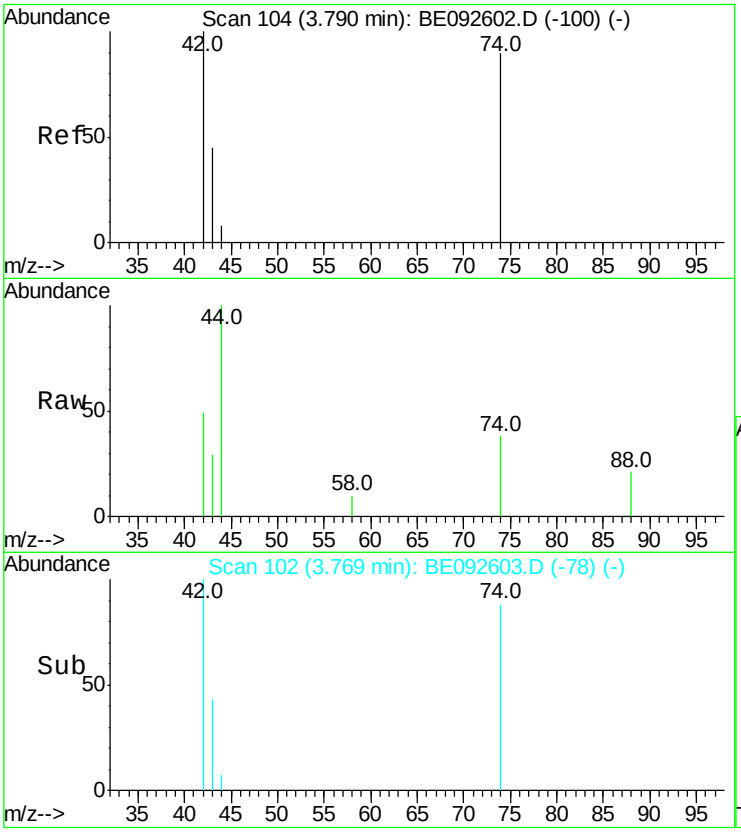


#2
1,4-Dioxane
Concen: 0.83 ng
RT: 3.39 min Scan# 69
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion: 88 Resp: 919

Ion	Ratio	Lower	Upper
88	100		
58	80.0	63.6	95.4
43	34.9	28.0	42.0



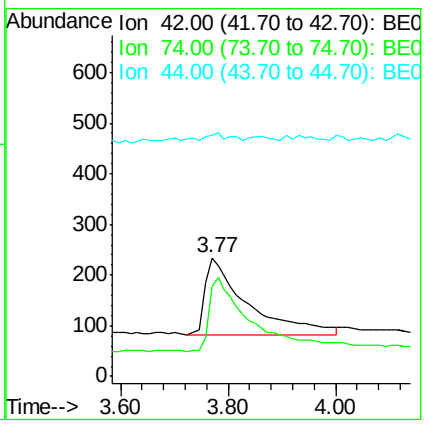


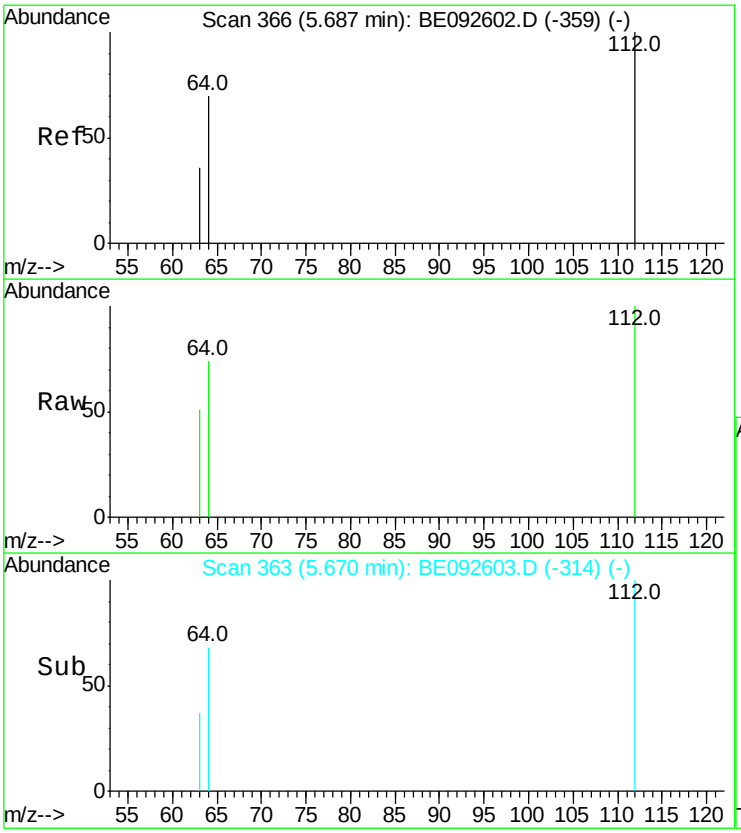
#3
n-Nitrosodimethylamine
Concen: 0.77 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 816

Ion	Ratio	Lower	Upper
42	100		
74	101.7	86.0	129.0
44	4.9	5.1	7.7#

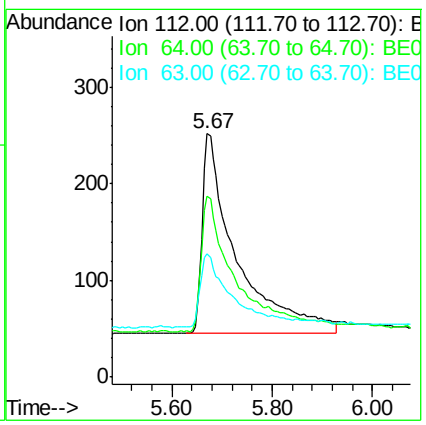


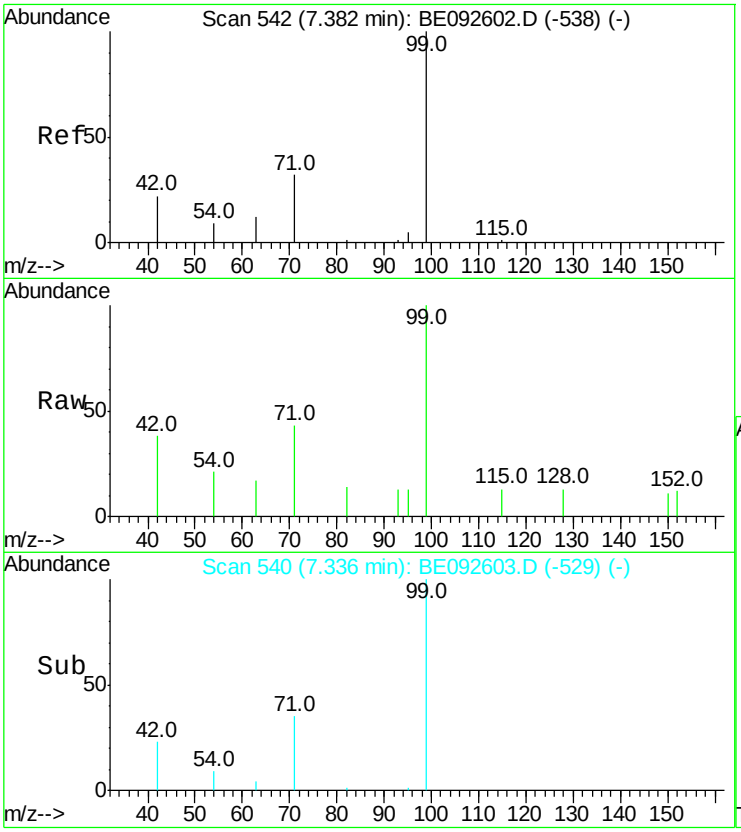


#4
2-Fluorophenol
Concen: 0.71 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:112 Resp: 979

Ion	Ratio	Lower	Upper
112	100		
64	69.4	53.5	80.3
63	33.4	27.9	41.9



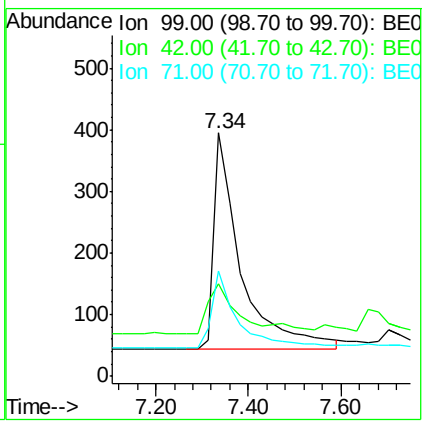


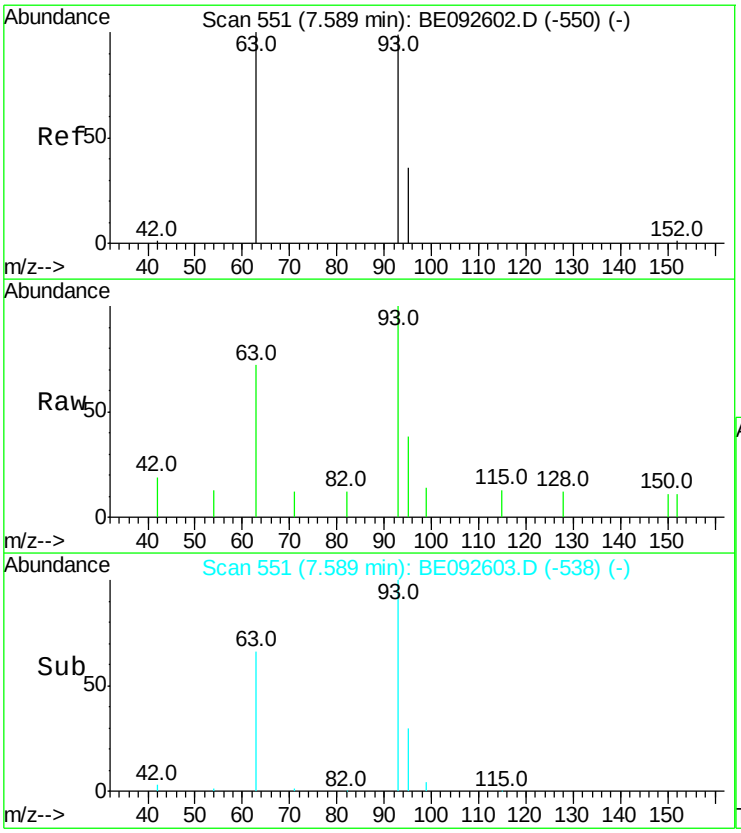
#5
Phenol-d6
Concen: 0.78 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.05 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 1399

Ion	Ratio	Lower	Upper
99	100		
42	28.7	16.0	24.0#
71	34.7	30.6	45.8

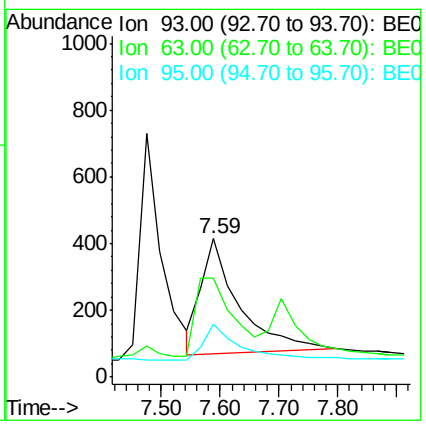


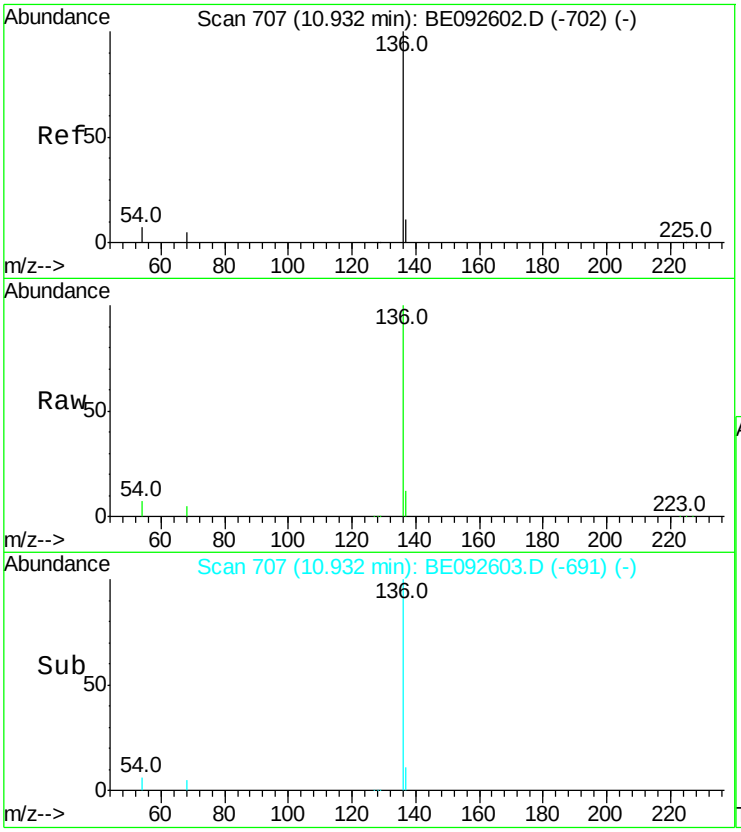


#6
bis(2-Chloroethyl)ether
Concen: 0.70 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion: 93 Resp: 1537

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	31.1	24.0	36.0



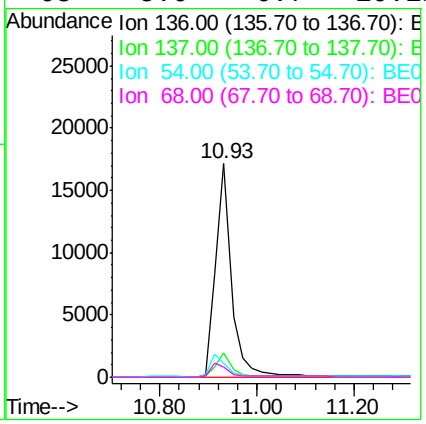


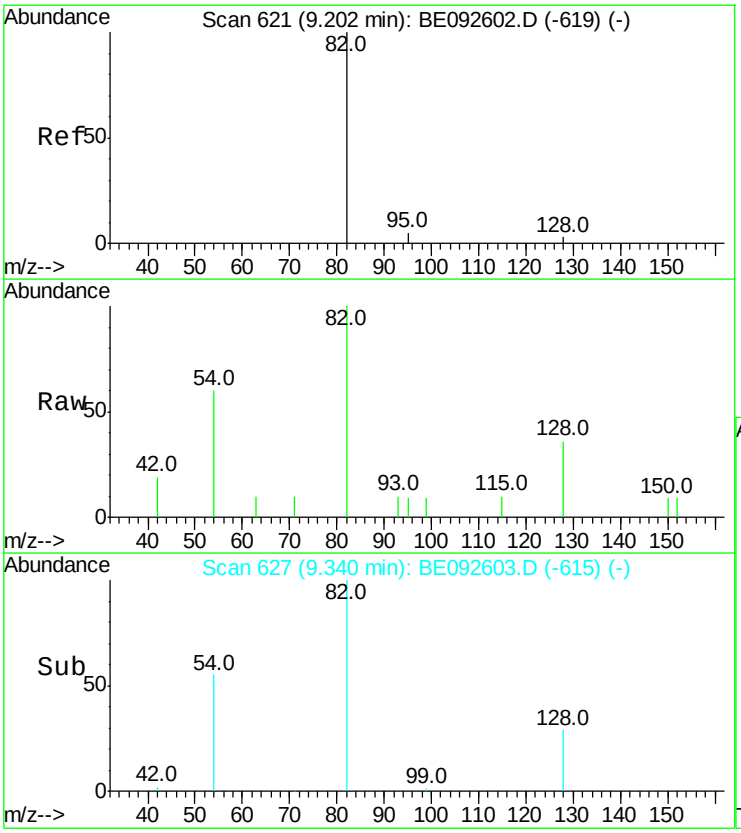
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 39077

Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	6.7	9.6	14.4#
68	5.0	6.7	10.1#

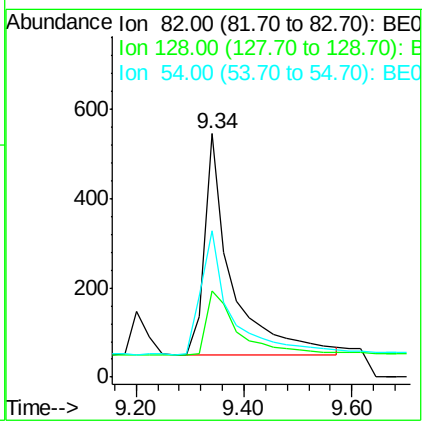


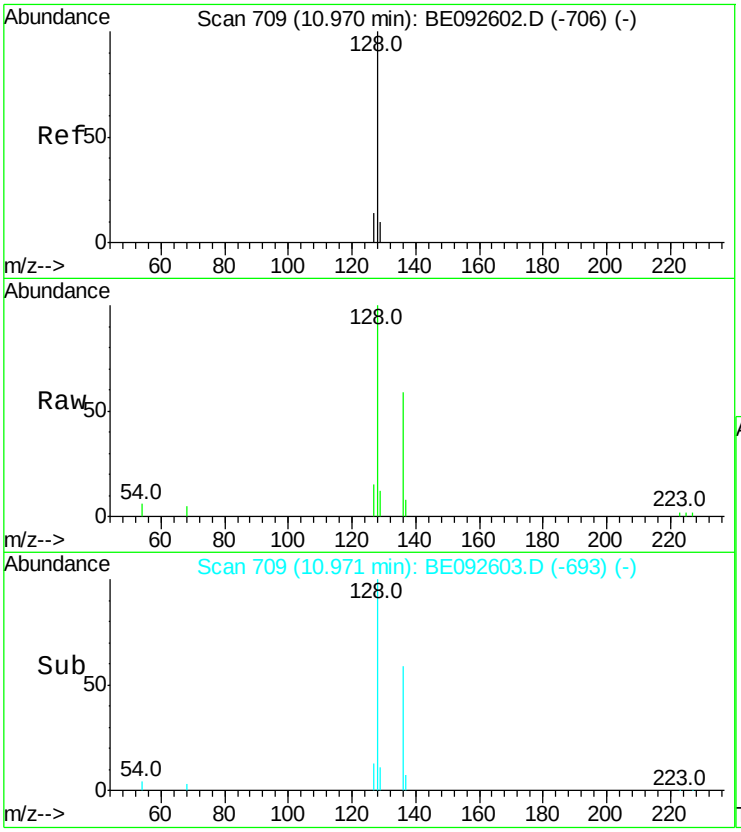


#8
Nitrobenzene-d5
Concen: 0.82 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion: 82 Resp: 1733

Ion	Ratio	Lower	Upper
82	100		
128	35.6	39.0	58.4#
54	60.0	44.8	67.2



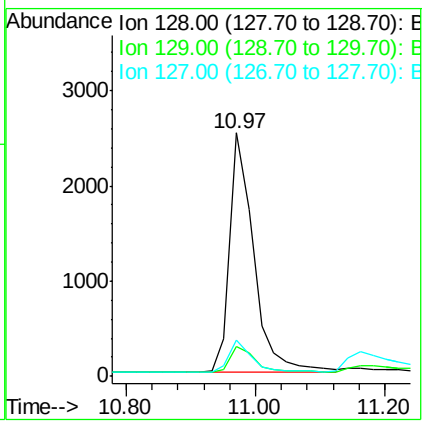


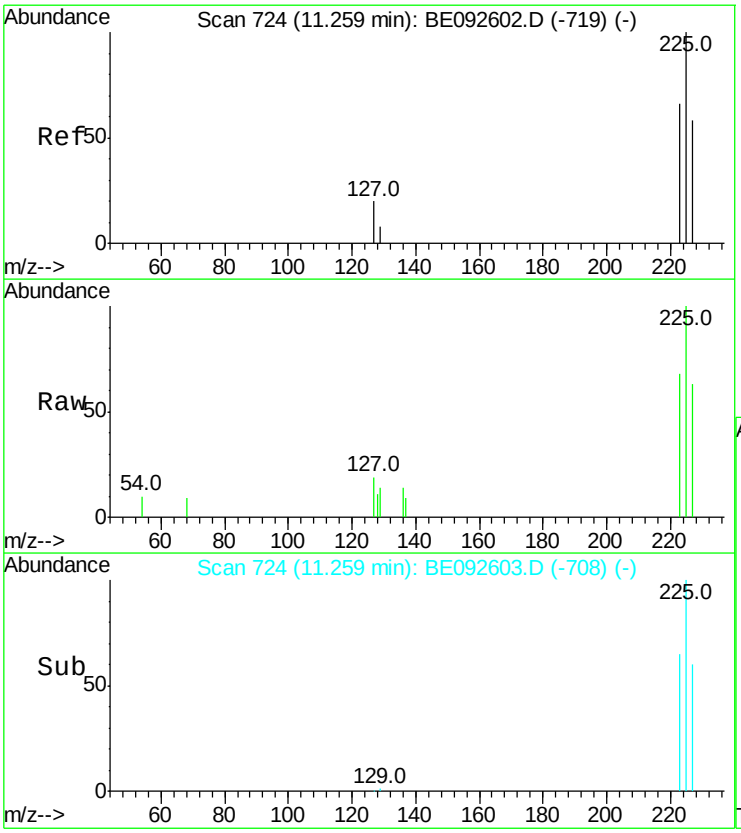
#9
Naphthalene
Concen: 0.79 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 6353

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.2	16.8
127	14.9	11.6	17.4

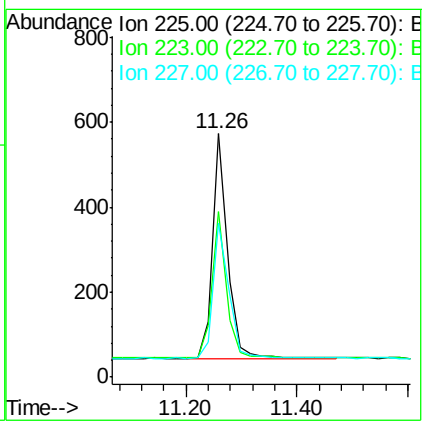


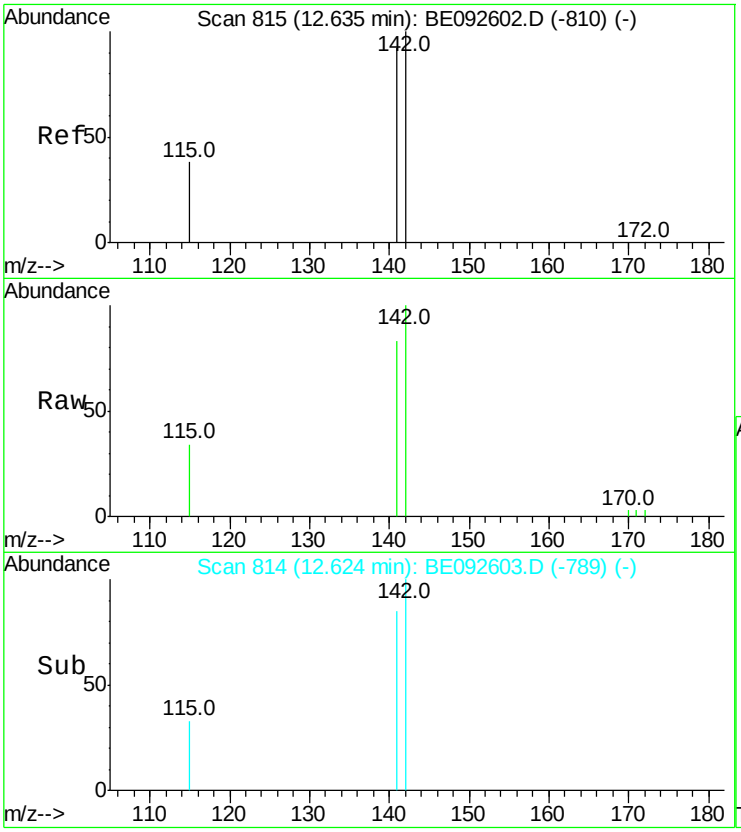


#10
Hexachlorobutadiene
Concen: 0.80 ng
RT: 11.26 min Scan# 724
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:225 Resp: 982

Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.6	76.0
227	63.5	51.4	77.0



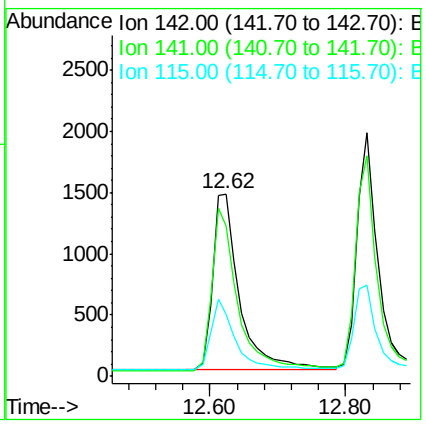


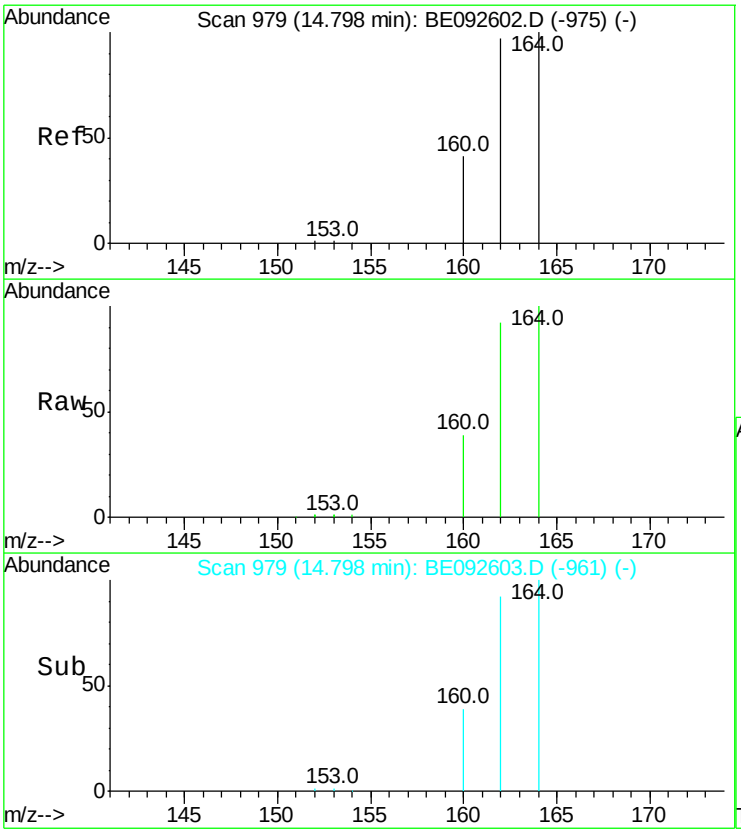
#11
2-Methylnaphthalene
Concen: 0.78 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 4021

Ion	Ratio	Lower	Upper
142	100		
141	82.6	73.7	110.5
115	34.1	34.0	51.0

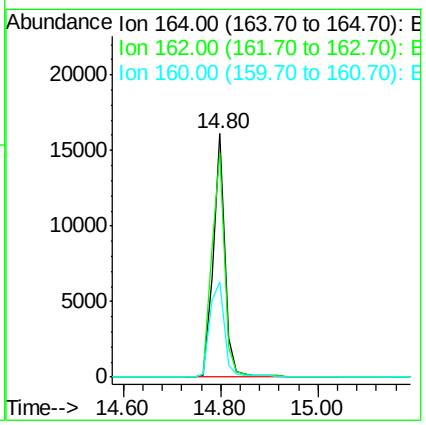


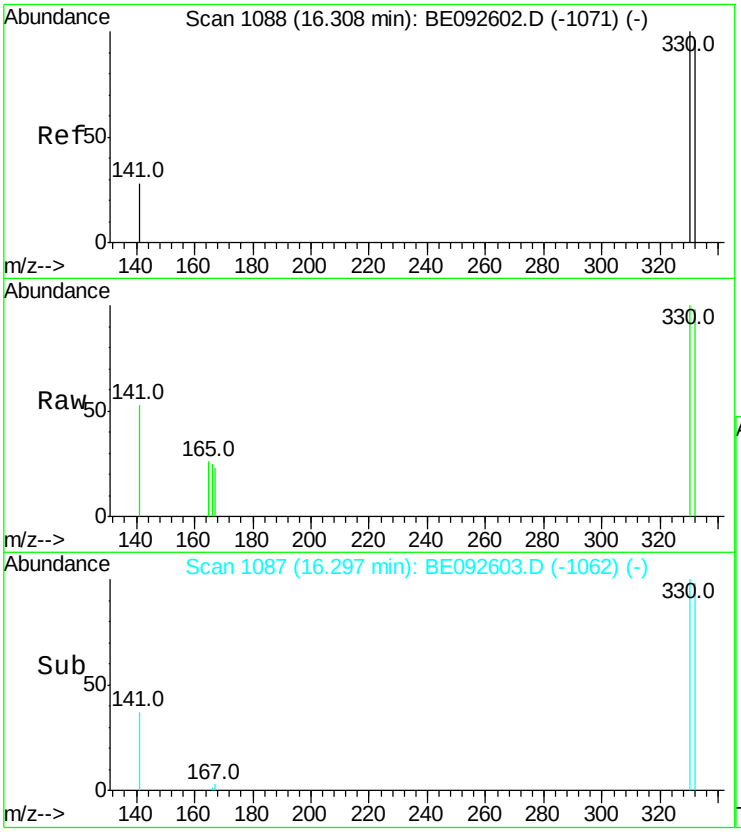


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:164 Resp: 26501

Ion	Ratio	Lower	Upper
164	100		
162	92.4	71.4	107.0
160	38.9	27.4	41.2



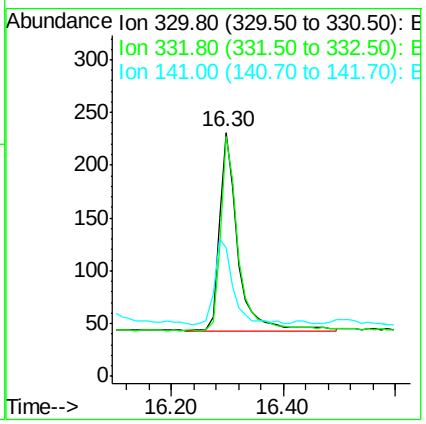


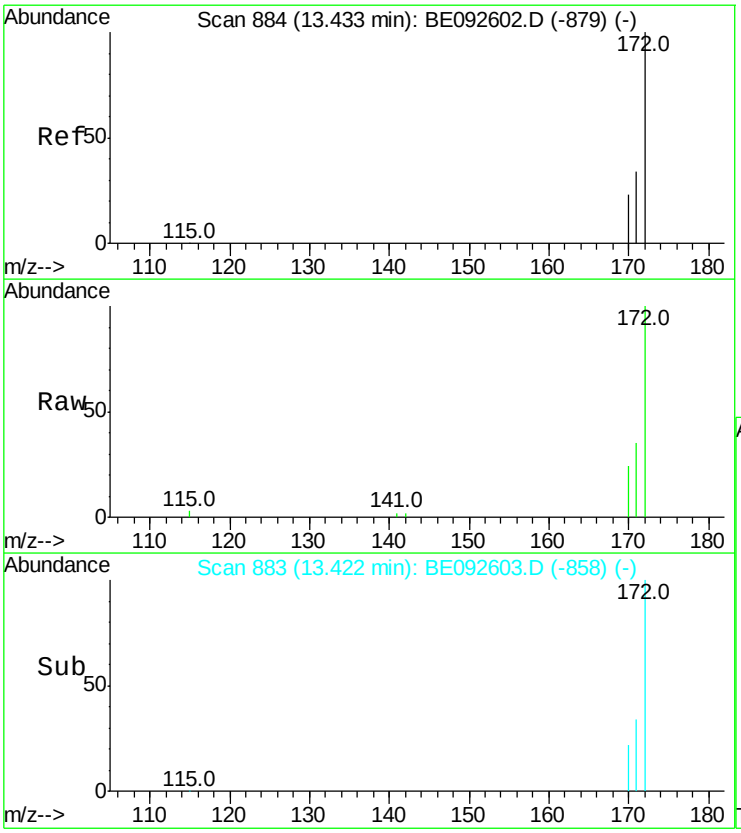
#13
2,4,6-Tribromophenol
Concen: 0.72 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 428

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	43.0	31.0	46.6

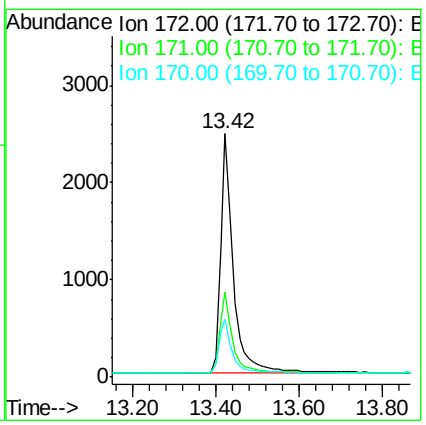


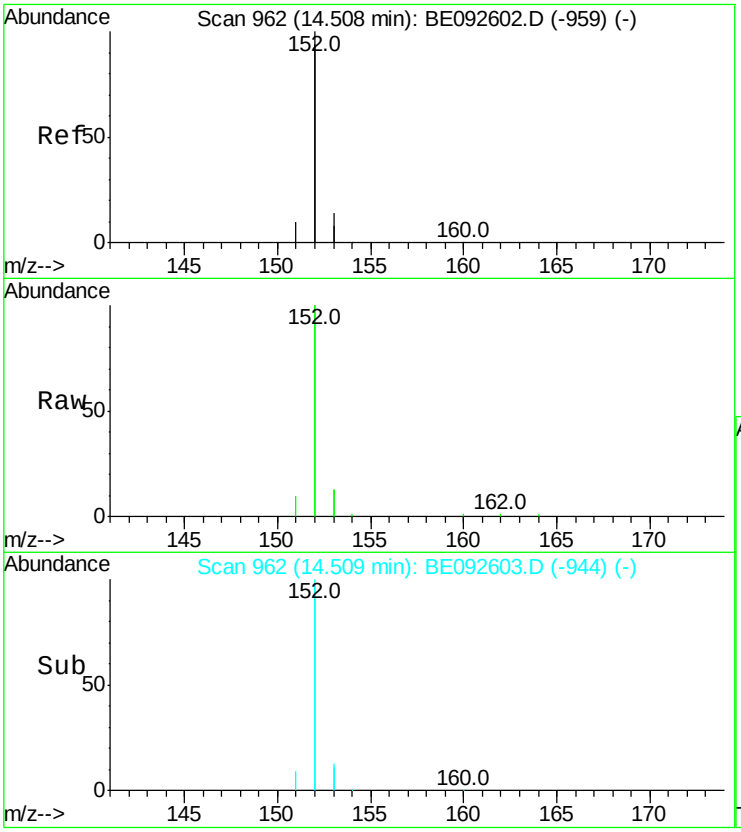


#14
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:172 Resp: 5227

Ion	Ratio	Lower	Upper
172	100		
171	35.0	30.1	45.1
170	23.8	21.8	32.6



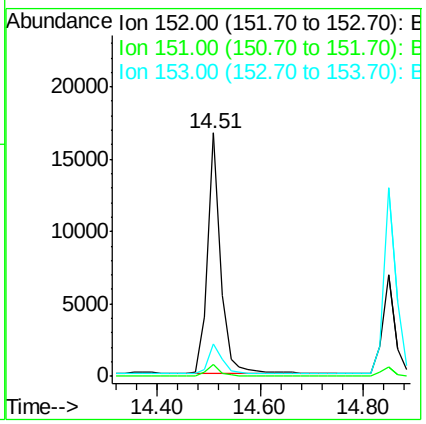


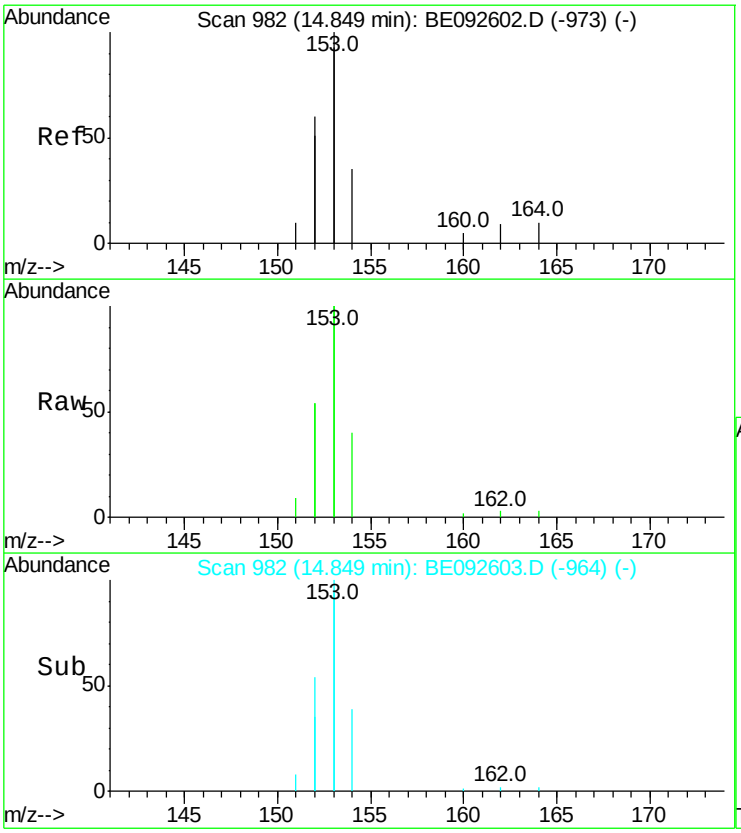
#15
Acenaphthylene
Concen: 0.78 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 28804

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.2	10.4	15.6

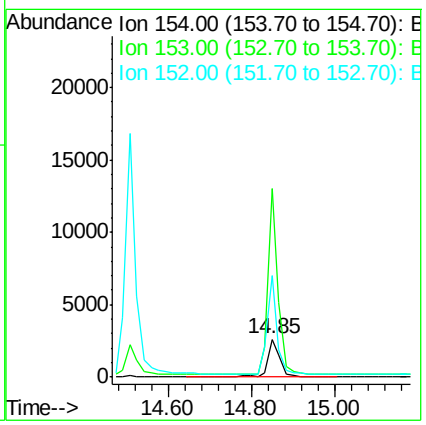


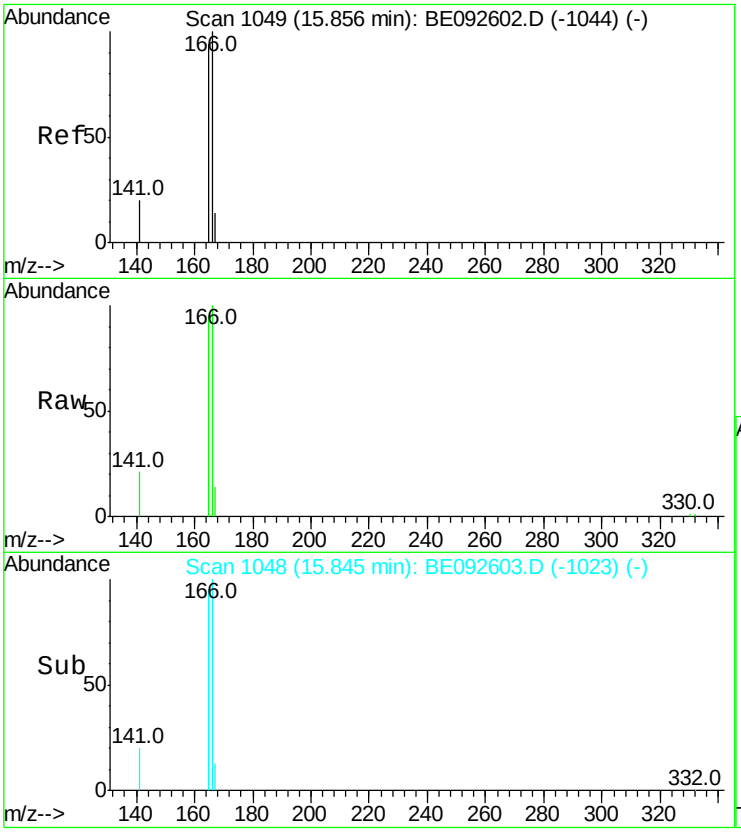


#16
Acenaphthene
Concen: 0.78 ng
RT: 14.85 min Scan# 982
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:154 Resp: 4717

Ion	Ratio	Lower	Upper
154	100		
153	449.7	350.8	526.2
152	236.0	171.1	256.7



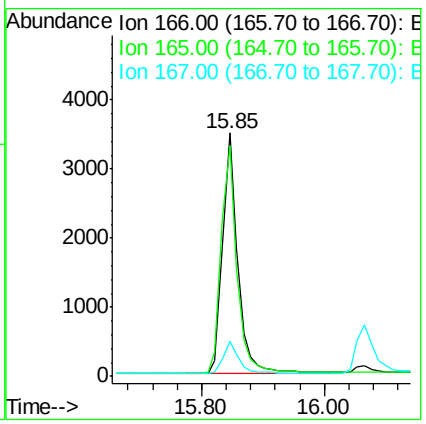


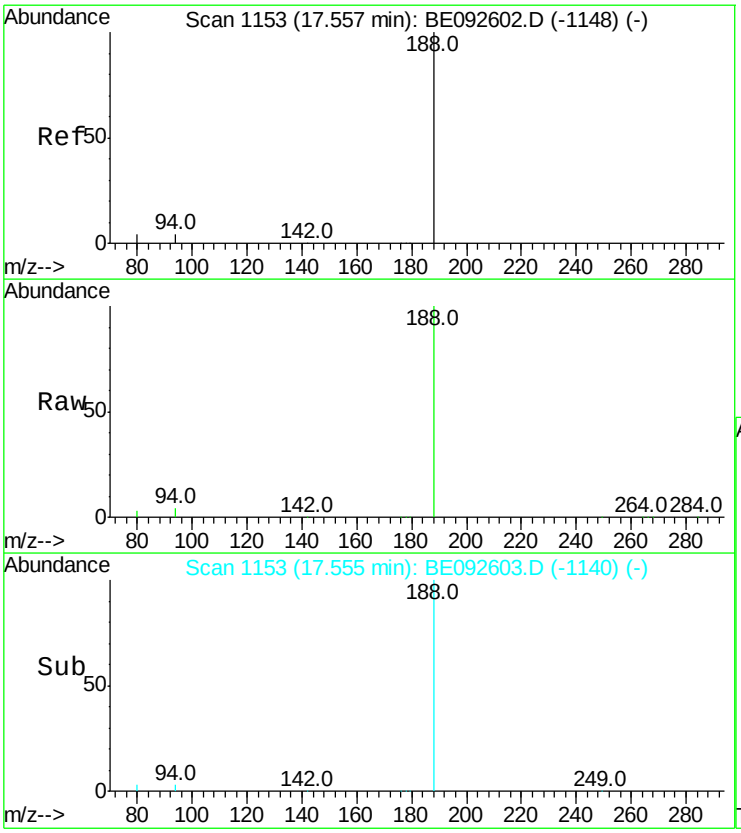
#17
Fluorene
Concen: 0.79 ng
RT: 15.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 5924

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.2	117.4
167	13.3	11.0	16.4

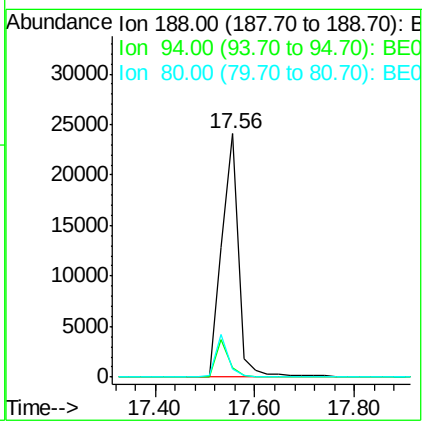


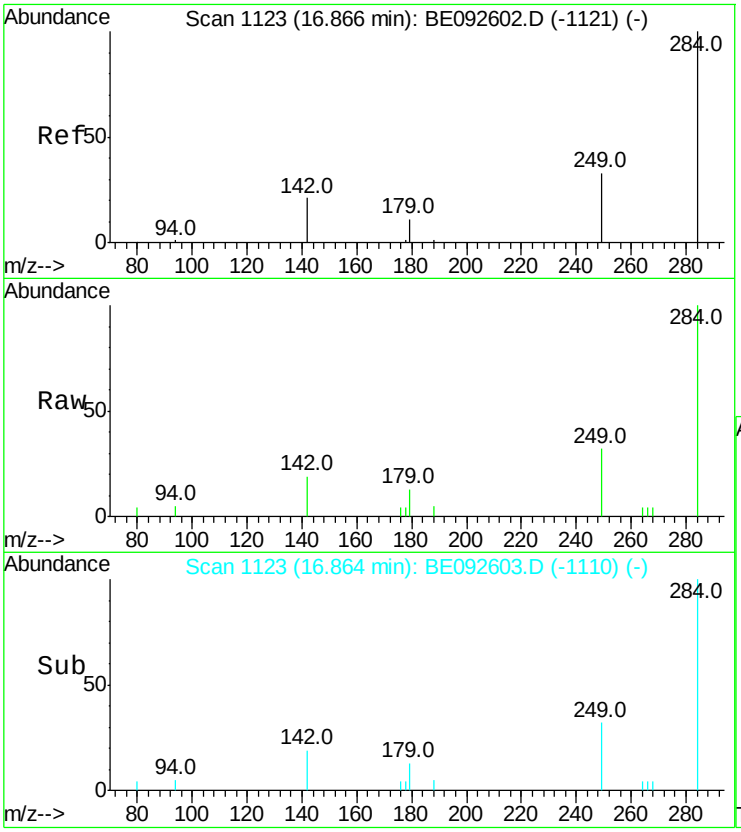


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:188 Resp: 55585

Ion	Ratio	Lower	Upper
188	100		
94	3.7	3.2	4.8
80	3.2	2.6	3.8



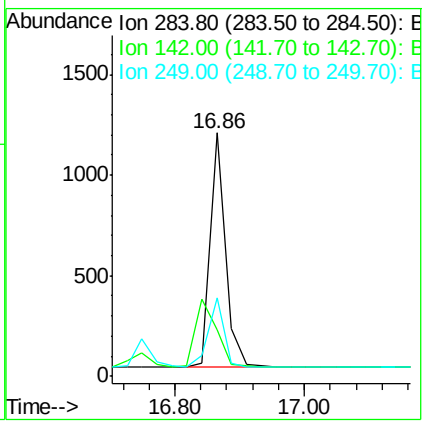


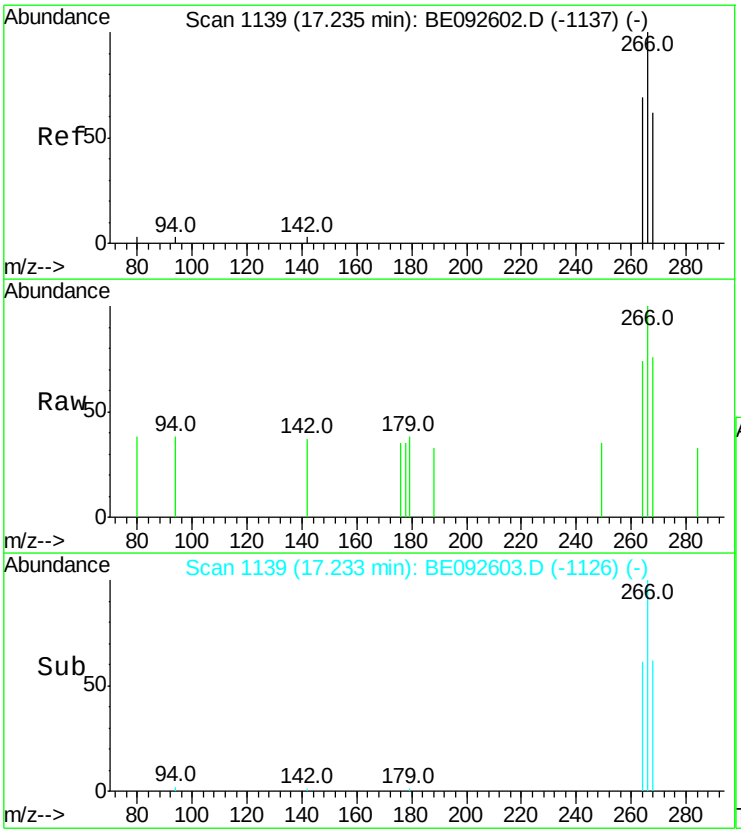
#19
Hexachlorobenzene
Concen: 0.89 ng
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 1946

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	38.3	27.9	41.9

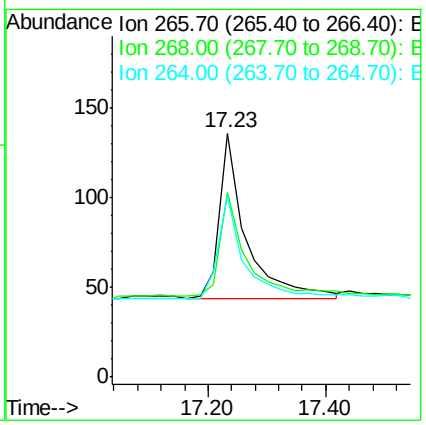


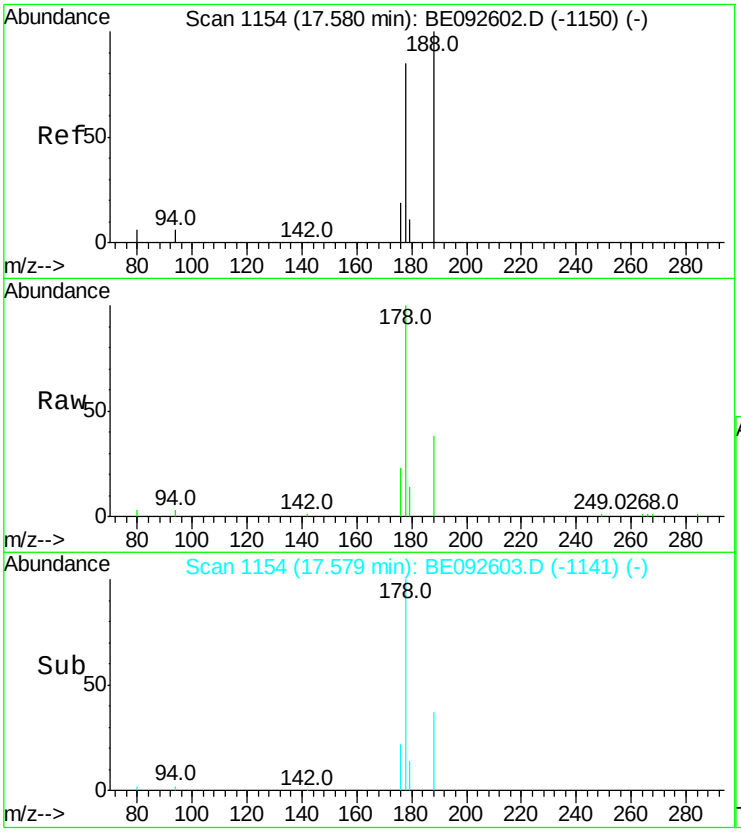


#20
Pentachlorophenol
Concen: 0.71 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:266 Resp: 286

Ion	Ratio	Lower	Upper
266	100		
268	75.7	62.5	93.7
264	74.3	57.2	85.8



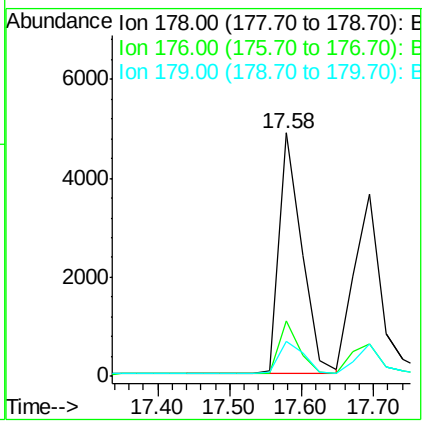


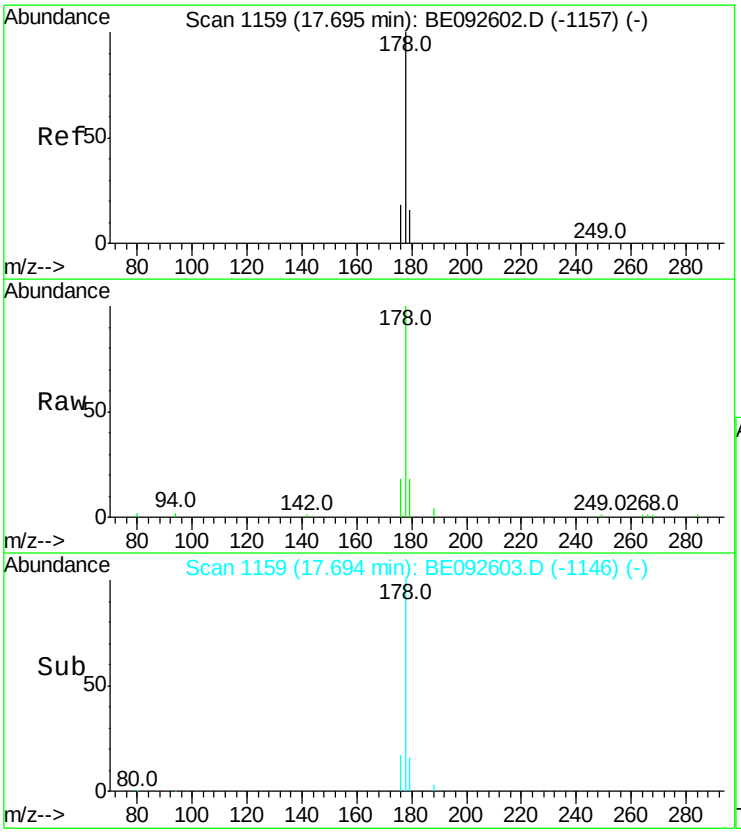
#21
Phenanthrene
Concen: 0.86 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 10638

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.5	16.0	24.0#

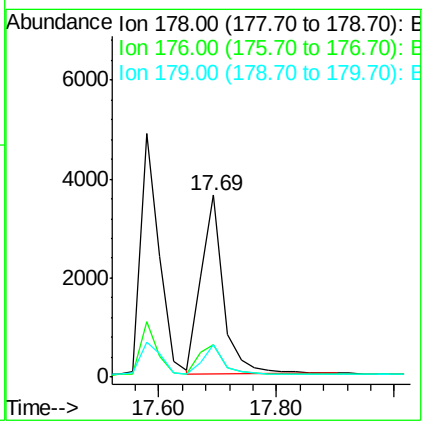


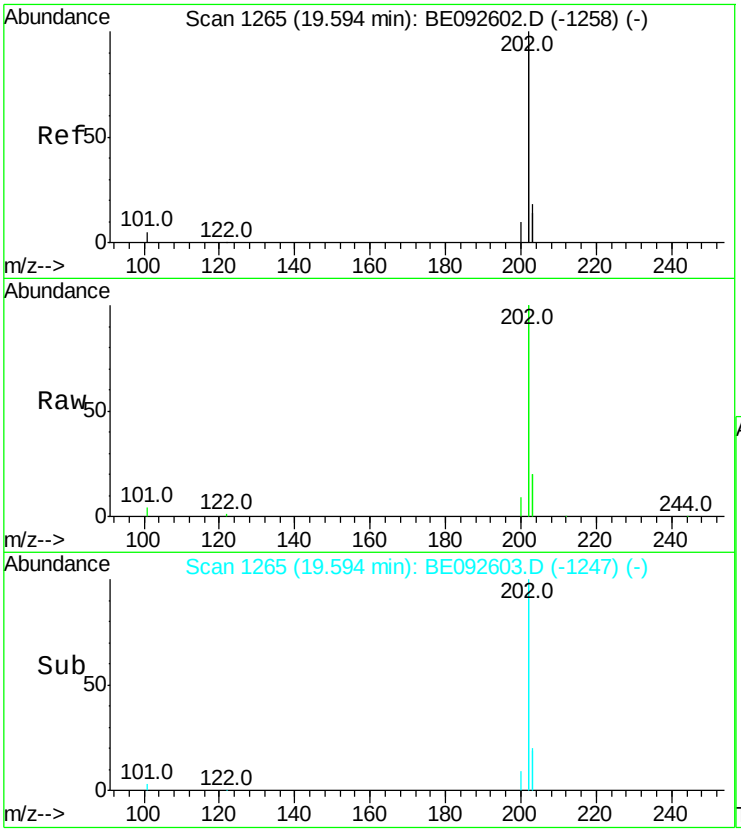


#22
Anthracene
Concen: 0.82 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:178 Resp: 9603

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.5	12.2	18.2



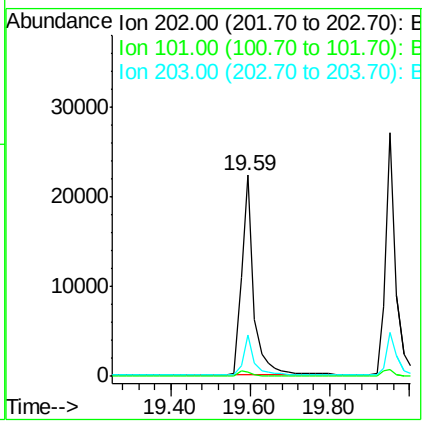


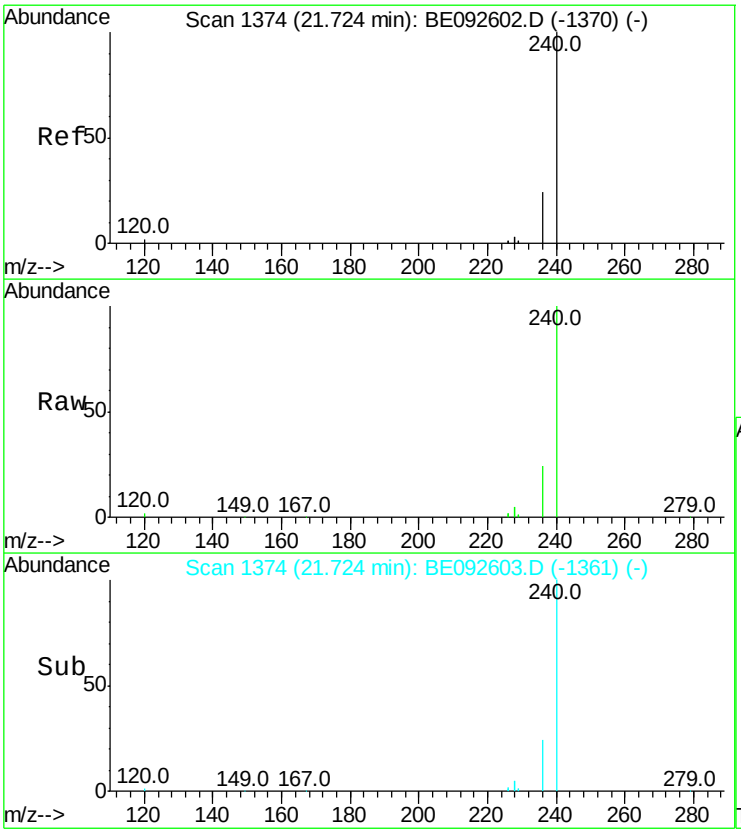
#23
Fluoranthene
Concen: 0.80 ng
RT: 19.59 min Scan# 1265
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 46225

Ion	Ratio	Lower	Upper
202	100		
101	2.8	2.2	3.4
203	17.6	13.7	20.5

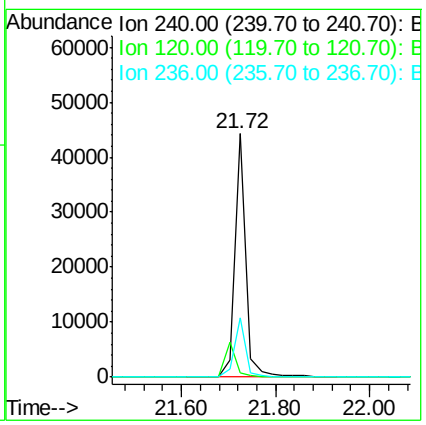


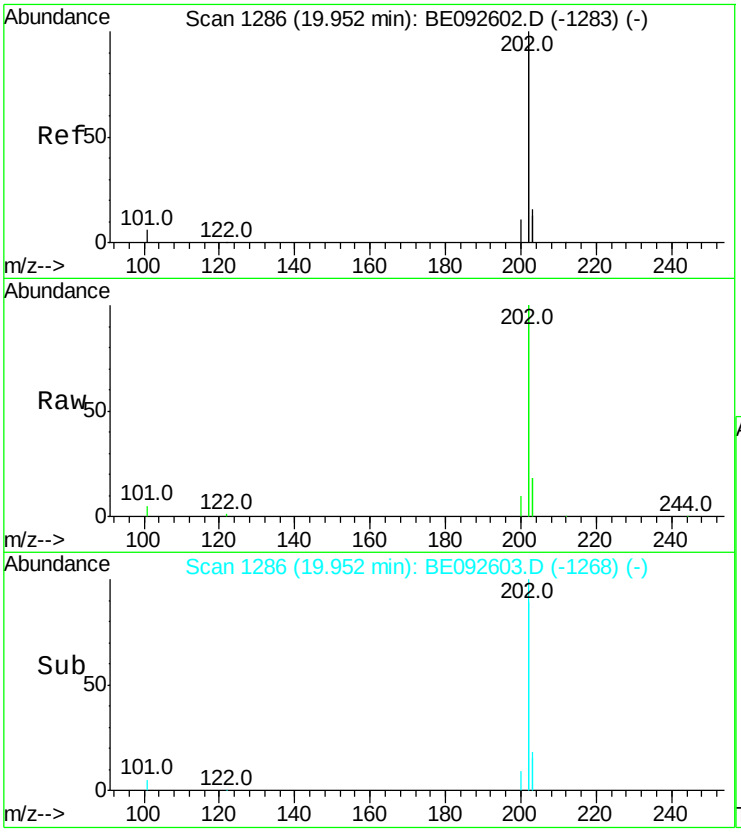


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:240 Resp: 72014

Ion	Ratio	Lower	Upper
240	100		
120	1.5	2.6	4.0#
236	24.1	24.6	37.0#



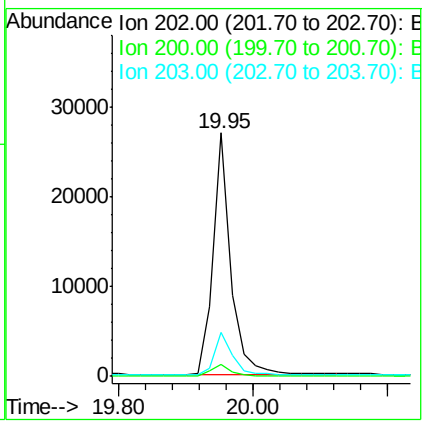


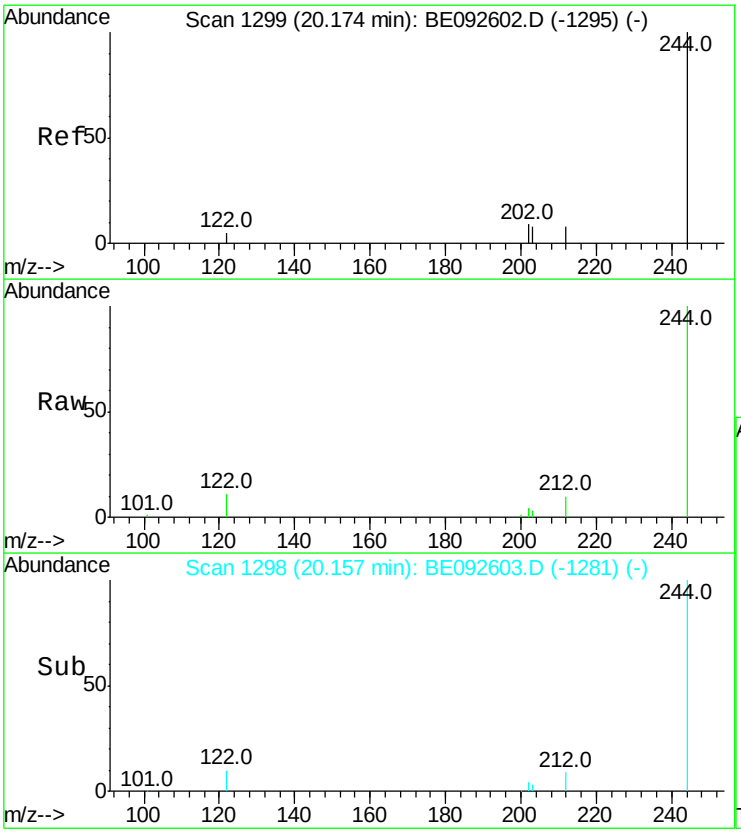
#25
Pyrene
Concen: 0.85 ng
RT: 19.95 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 48823

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.6	13.9	20.9

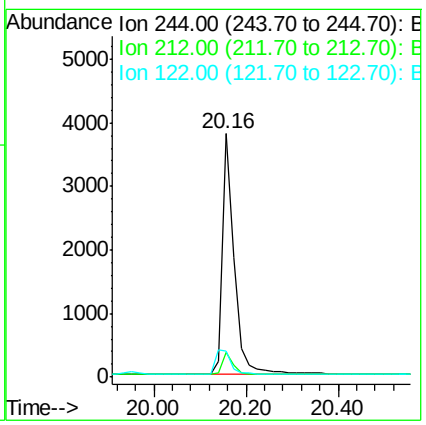


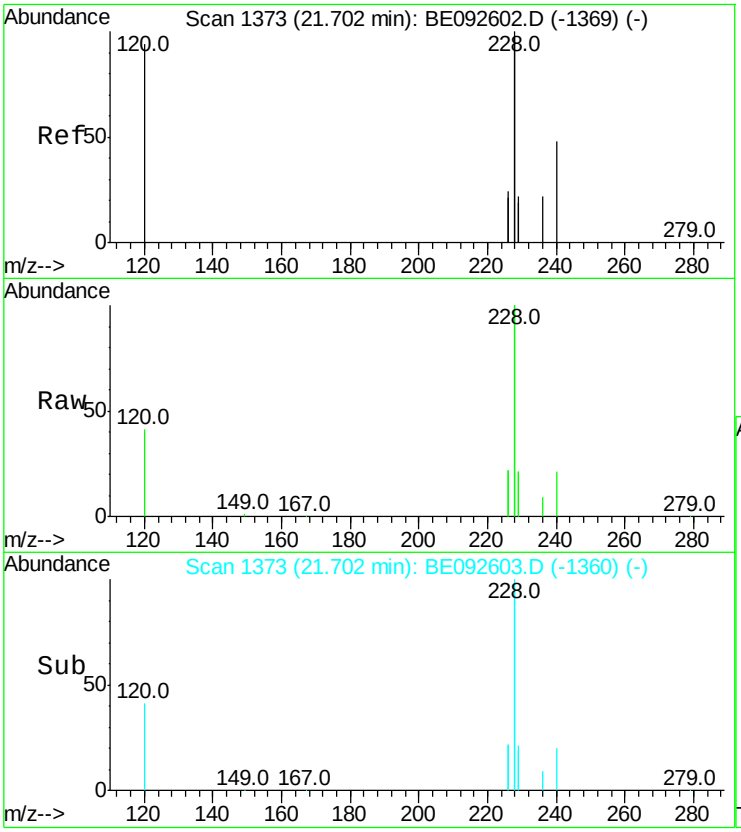


#26
Terphenyl-d14
Concen: 0.84 ng
RT: 20.16 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:244 Resp: 6888

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	10.9	3.6	5.4#



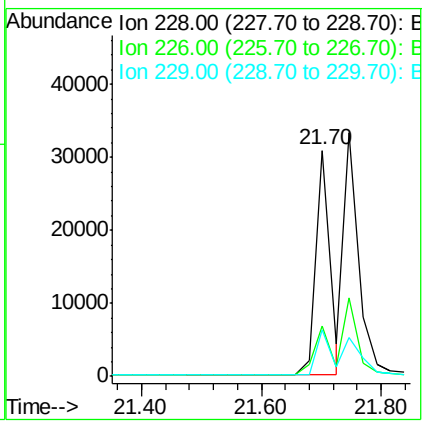


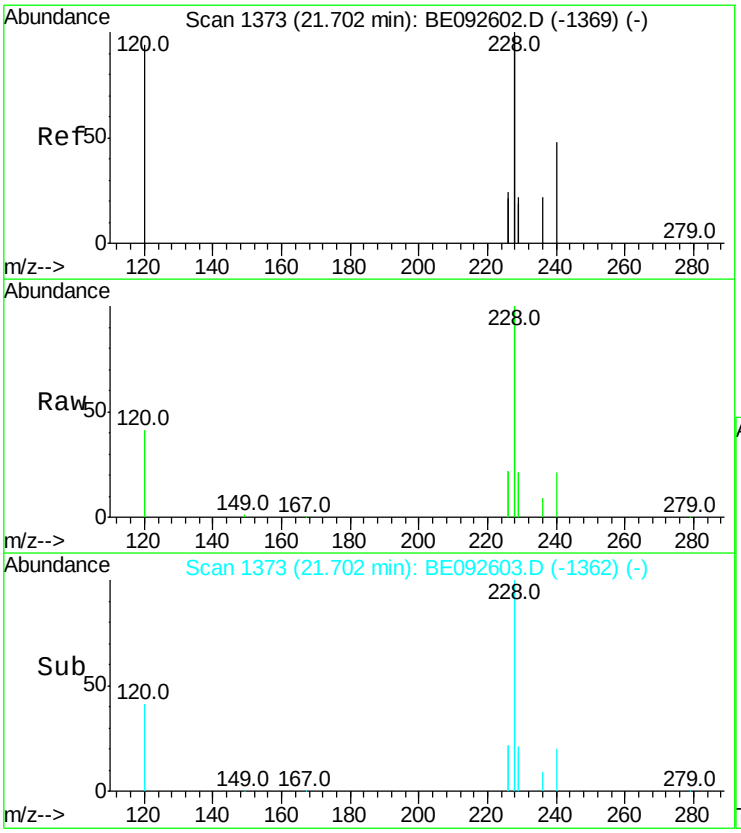
#27
Benzo(a)anthracene
Concen: 0.75 ng
RT: 21.70 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 50471

Ion	Ratio	Lower	Upper
228	100		
226	22.1	23.6	35.4#
229	20.7	13.3	19.9#

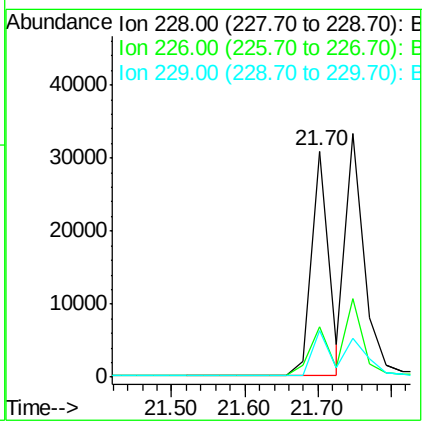


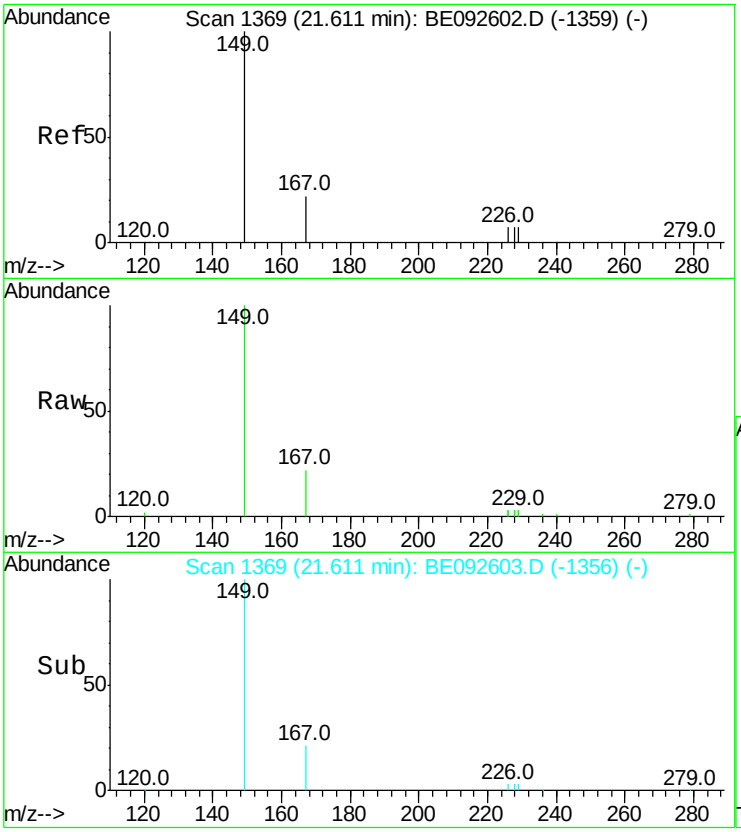


#28
Chrysene
Concen: 0.82 ng
RT: 21.70 min Scan# 1373
Delta R.T. -0.05 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:228 Resp: 50444

Ion	Ratio	Lower	Upper
228	100		
226	22.1	36.3	54.5#
229	20.7	10.6	16.0#



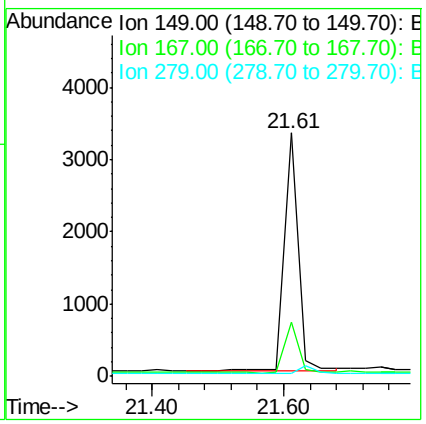


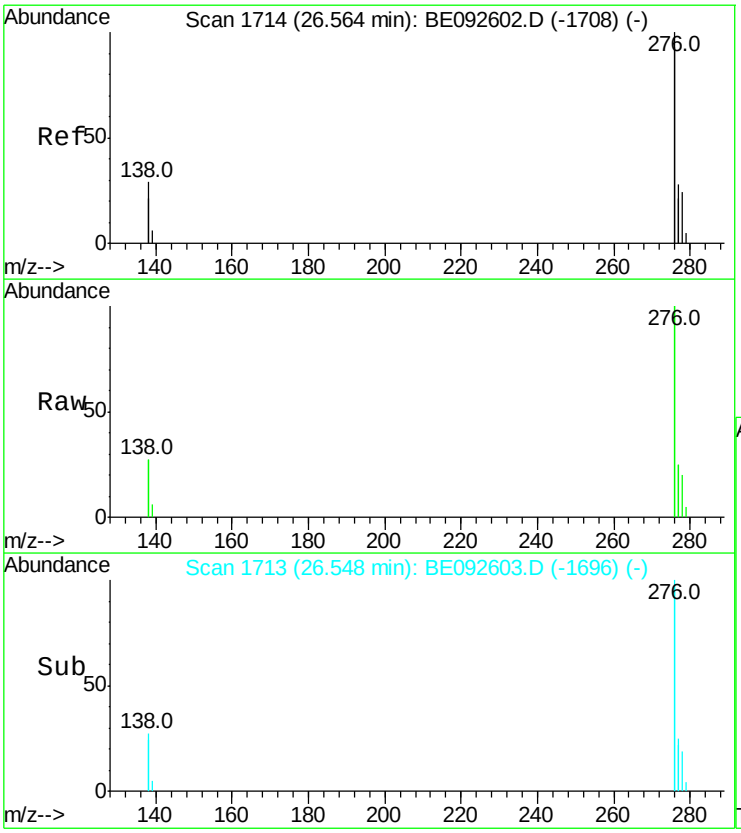
#29
Bis(2-ethylhexyl)phthalate
Concen: 1.09 ng
RT: 21.61 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 4771

Ion	Ratio	Lower	Upper
149	100		
167	21.9	16.0	24.0
279	0.0	16.0	24.0#

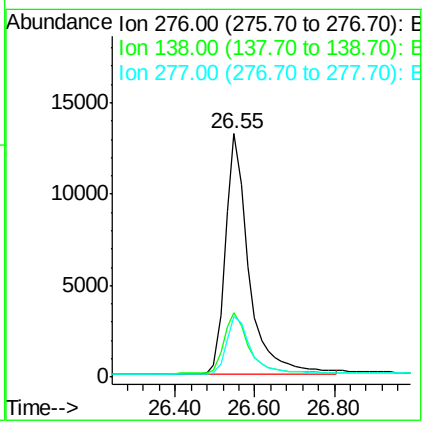


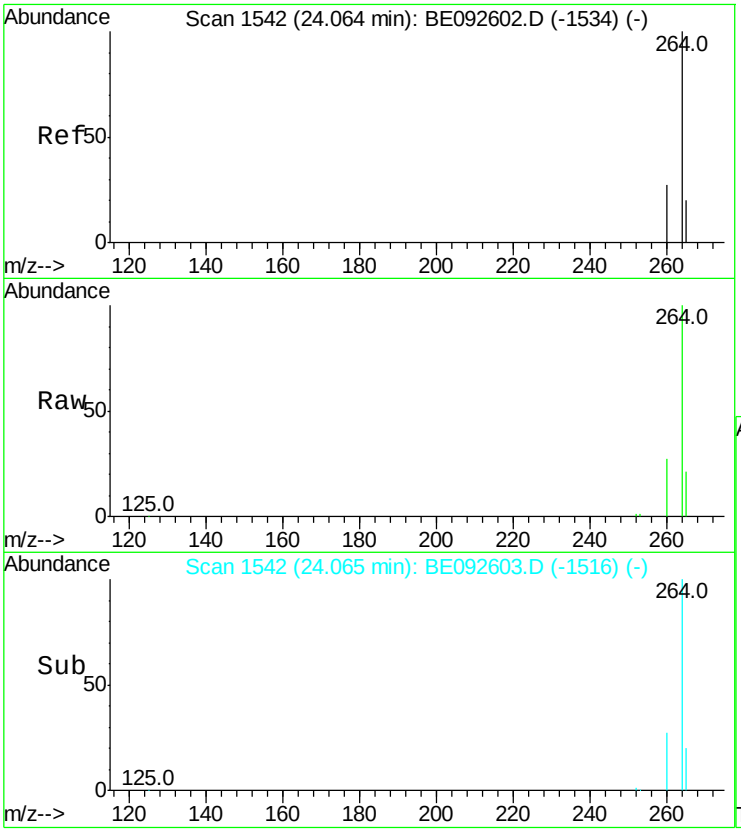


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.78 ng
RT: 26.55 min Scan# 1713
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:276 Resp: 53171

Ion	Ratio	Lower	Upper
276	100		
138	27.6	20.3	30.5
277	24.9	19.7	29.5



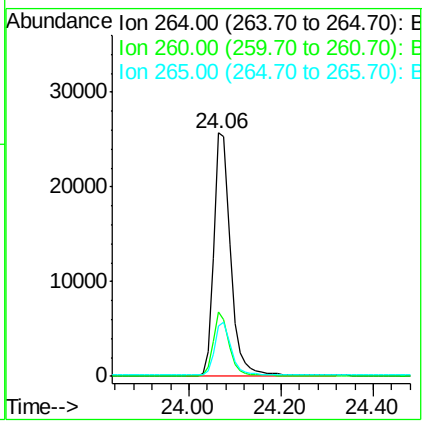


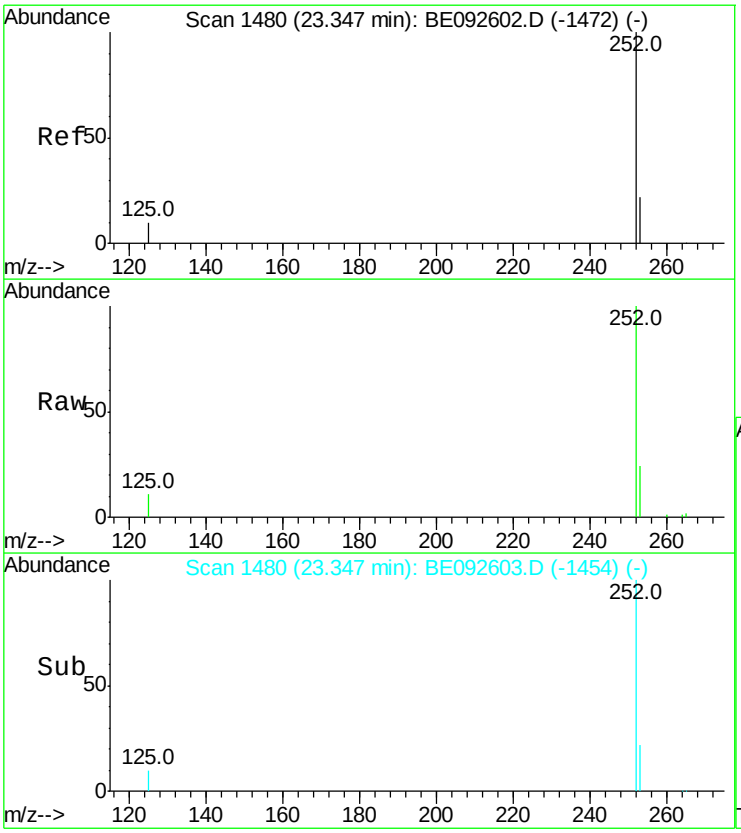
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.06 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 64706

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.1	30.1
265	20.9	17.9	26.9

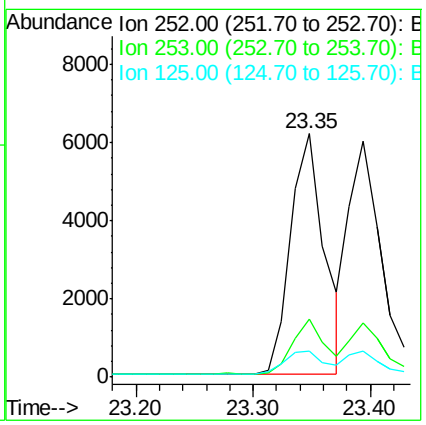


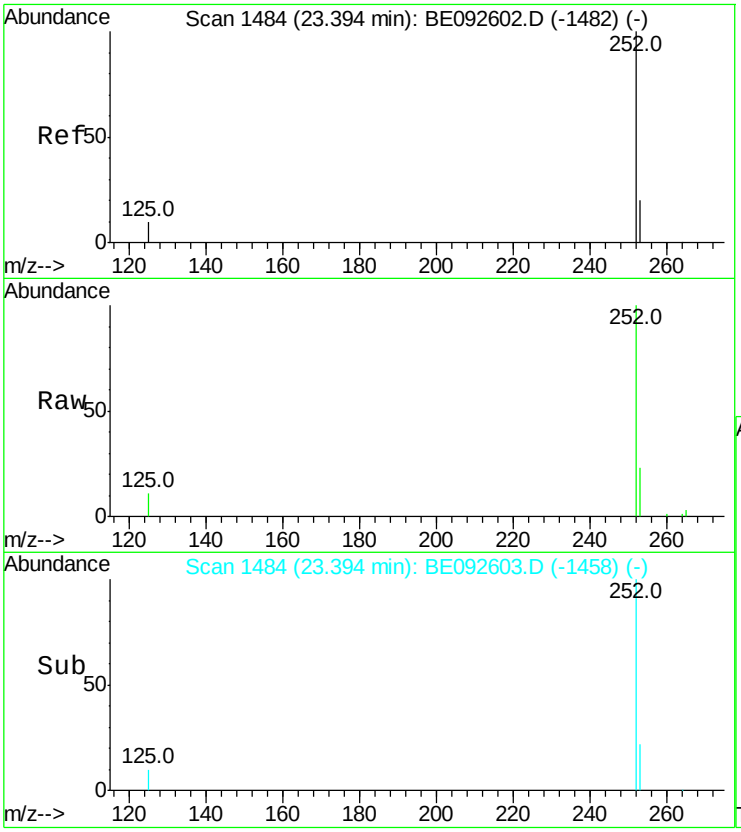


#32
Benzo(b)fluoranthene
Concen: 0.79 ng
RT: 23.35 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:252 Resp: 12335

Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.7	28.1
125	10.9	10.5	15.7



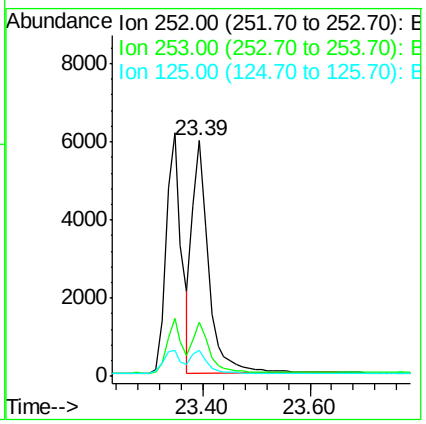


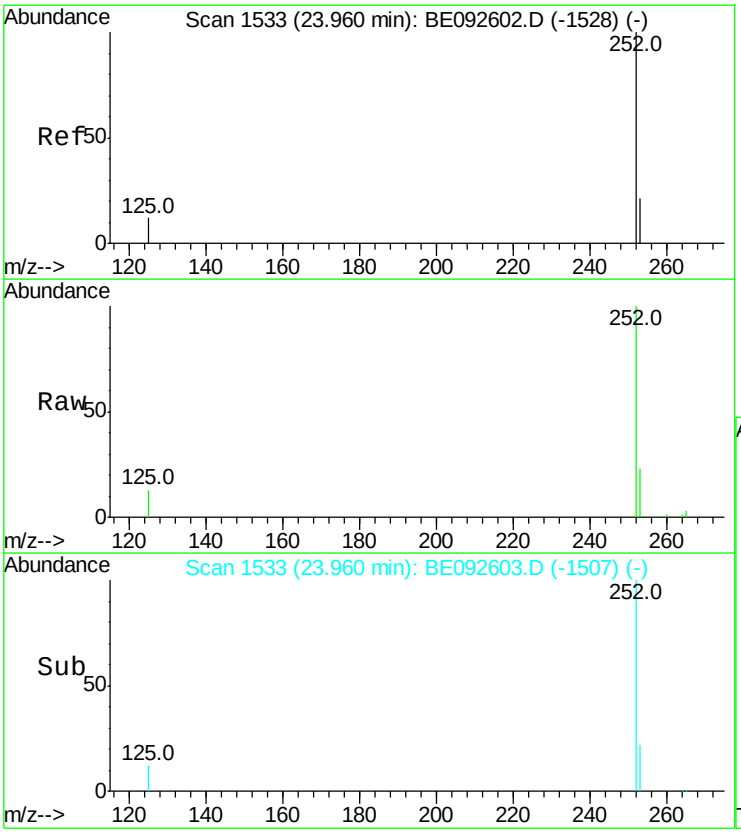
#33
Benzo(k)fluoranthene
Concen: 0.76 ng
RT: 23.39 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12478

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.3	30.5
125	11.1	9.6	14.4

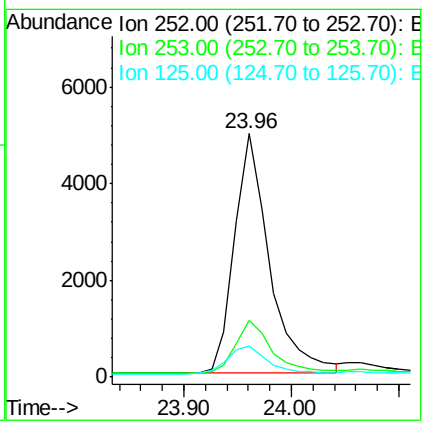


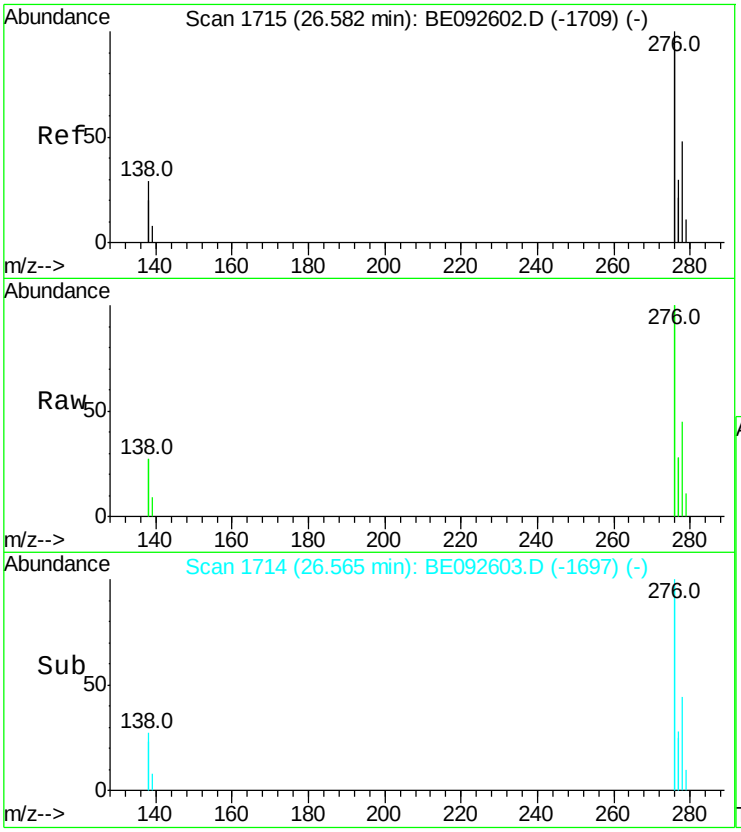


#34
Benzo(a)pyrene
Concen: 0.77 ng
RT: 23.96 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:252 Resp: 11234

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.0	28.6
125	12.8	11.8	17.8



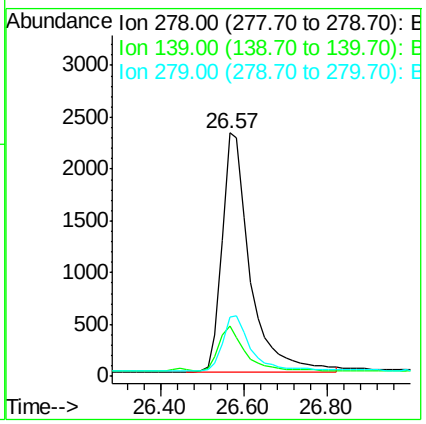


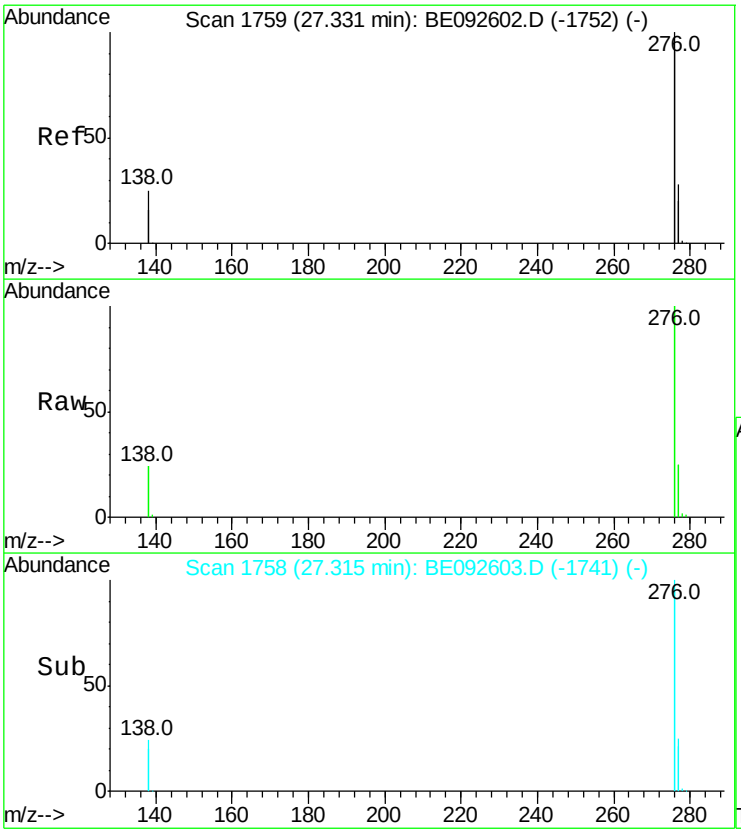
#35
Dibenzo(a,h)anthracene
Concen: 0.74 ng
RT: 26.57 min Scan# 1714
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 10646

Ion	Ratio	Lower	Upper
278	100		
139	20.7	13.8	20.8
279	24.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.76 ng
RT: 27.32 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BE092603.D
Acq: 19 Dec 2016 11:52

Tgt Ion:276 Resp: 46001

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	23.9	19.8	29.6