Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092241.D
Acq On : 9 Aug 2016 23:04
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC010

Quant Time: Aug 10 04:45:11 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	11913	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	56818	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	31545	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	73632	5.00	ng		0.00
24) Chrysene-d12	21.73	240	69566	5.00	ng		-0.02
31) Perylene-d12	24.13	264	74547	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	30219	11.60	ng		-0.01
5) Phenol-d6	7.34	99	44704	11.93	ng		-0.02
8) Nitrobenzene-d5	9.32	82	43776	10.91	ng		-0.05
13) 2,4,6-Tribromophenol	16.32	330	12587	13.34	ng		-0.01
14) 2-Fluorobiphenyl	13.46	172	94459	9.69	ng		-0.01
26) Terphenyl-d14	20.19	244	120999	10.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	13185	8.67	ng		93
3) n-Nitrosodimethylamine	3.78	42	22624	12.26	ng		98
6) bis(2-Chloroethyl)ether	7.59	93	34032	11.21	ng	#	33
9) Naphthalene	11.01	128	120376	9.45	ng	#	95
10) Hexachlorobutadiene	11.30	225	17633	9.59	ng		98
11) 2-Methylnaphthalene	12.64	142	79527	10.00	ng		94
15) Acenaphthylene	14.54	152	551933	10.12	ng		99
16) Acenaphthene	14.90	154	82142	9.38	ng		98
17) Fluorene	15.88	166	103824	9.81	ng		99
19) Hexachlorobenzene	16.89	284	26387	9.03	ng	#	100
20) Pentachlorophenol	17.24	266	13100	16.85	ng	#	80
21) Phenanthrene	17.60	178	181464	9.53	ng		100
22) Anthracene	17.70	178	174714	10.12	ng		99
23) Fluoranthene	19.61	202	758635	10.03	ng		99
25) Pyrene	19.99	202	826810	10.05	ng		100
27) Benzo(a)anthracene	21.70	228	836148	10.01	ng	#	63
28) Chrysene	21.70	228	836148	10.81	ng	#	69
29) Bis(2-ethylhexyl)phthalate	21.64	149	144044	13.44	ng	#	98
30) Indeno(1,2,3-cd)pyrene	26.63	276	873092	10.51	ng		99
32) Benzo(b)fluoranthene	23.44	252	192291	9.82	ng		95
33) Benzo(k)fluoranthene	23.44	252	194781	9.63	ng		95
34) Benzo(a)pyrene	24.02	252	191015	10.35	ng	#	93
35) Dibenzo(a,h)anthracene	26.65	278	182549	10.63	ng		93
36) Benzo(g,h,i)perylene	27.40	276	752355	10.19	ng		95

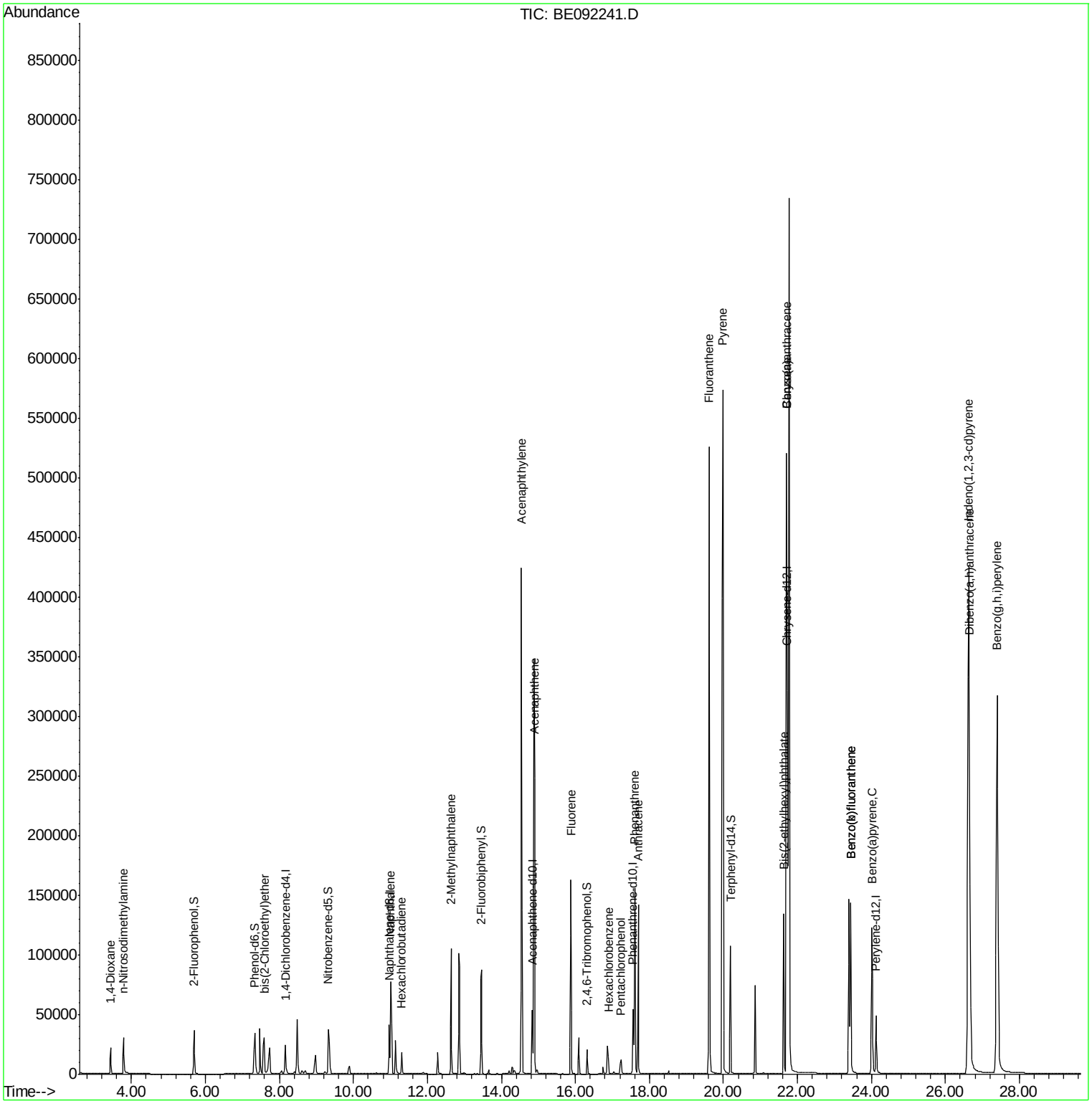
(#) = qualifier out of range (m) = manual integration (+) = signals summed

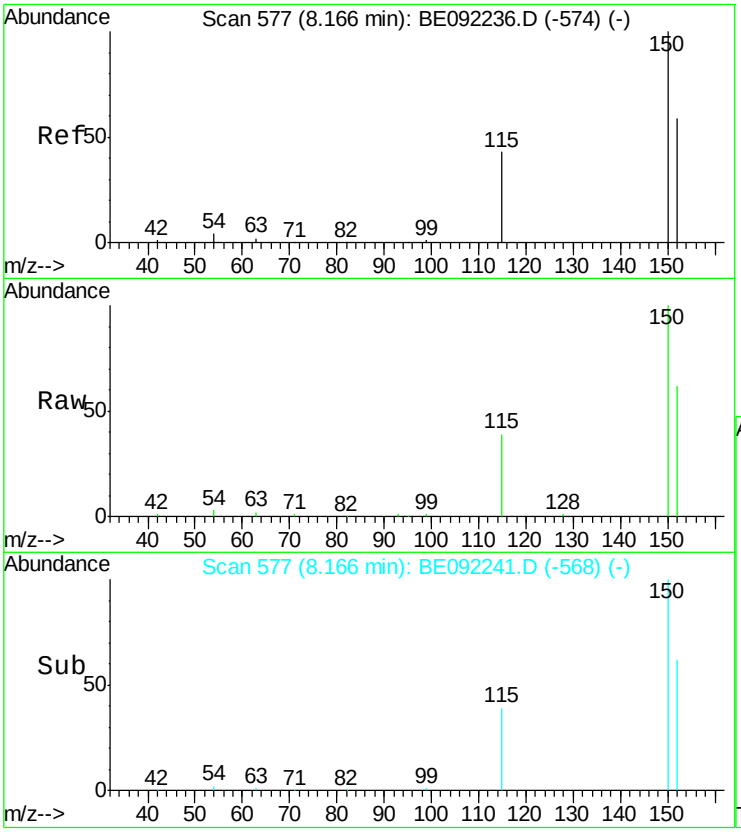
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092241.D
Acq On : 9 Aug 2016 23:04
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Quant Time: Aug 10 04:45:11 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 04:43:27 2016
Response via : Initial Calibration



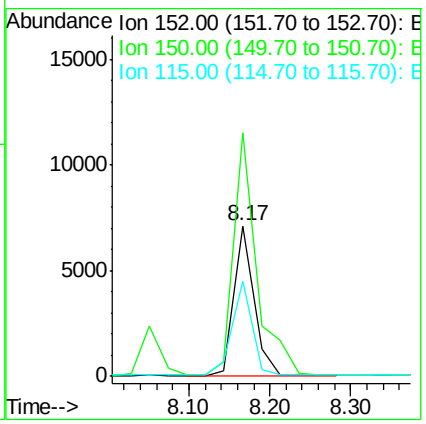


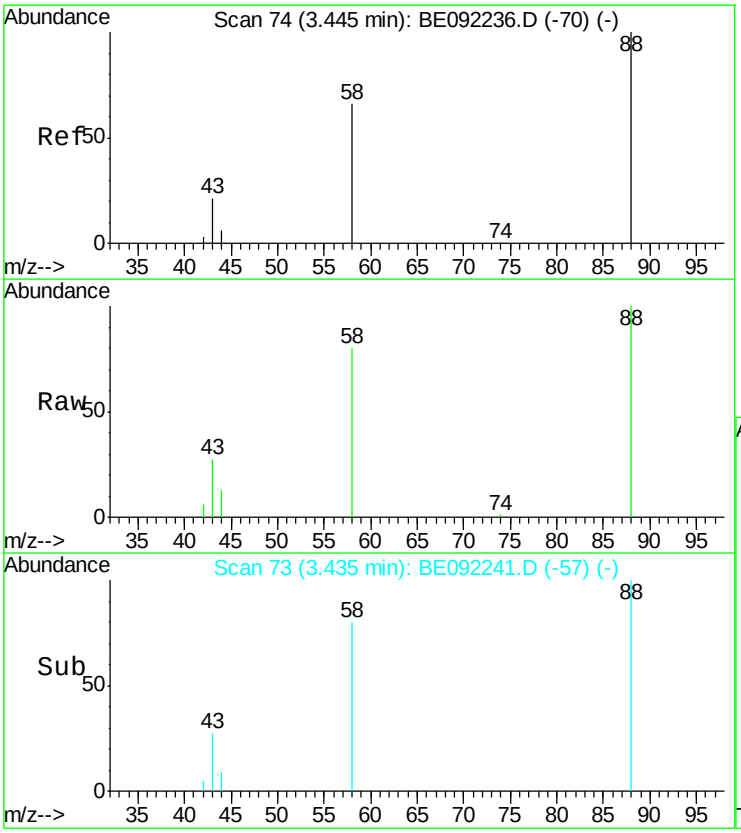
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 11913

Ion	Ratio	Lower	Upper
152	100		
150	161.9	135.6	203.4
115	63.2	59.4	89.0

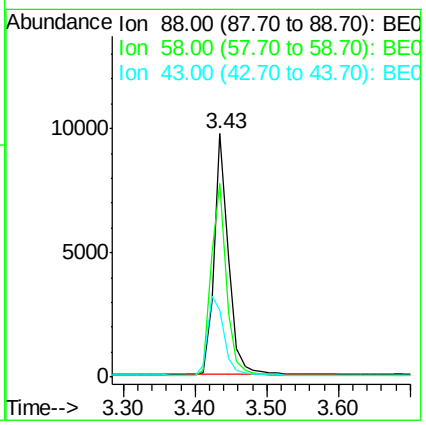


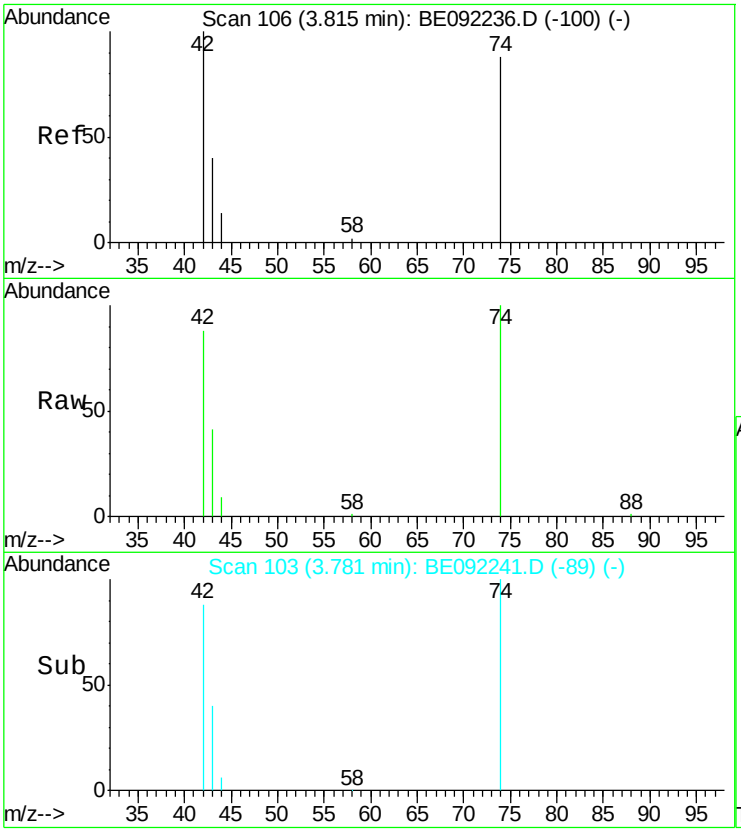


#2
1,4-Dioxane
Concen: 8.67 ng
RT: 3.43 min Scan# 73
Delta R.T. -0.01 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion: 88 Resp: 13185

Ion	Ratio	Lower	Upper
88	100		
58	87.0	64.4	96.6
43	37.6	33.4	50.2



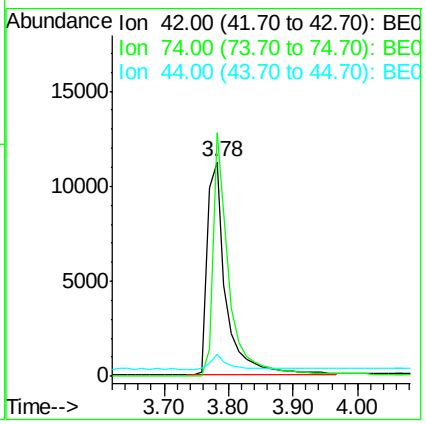


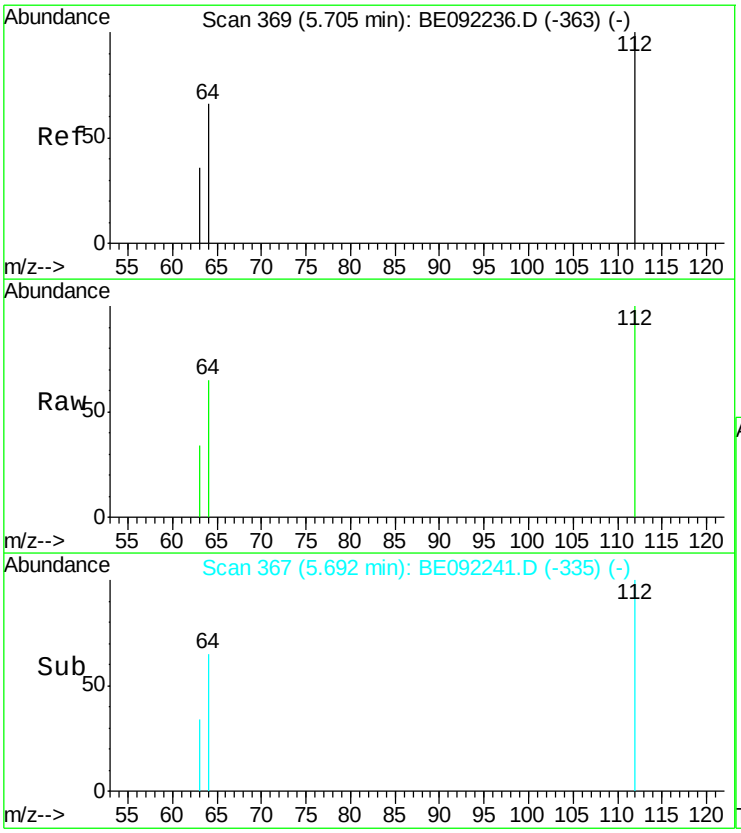
#3
n-Nitrosodimethylamine
Concen: 12.26 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.03 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 42 Resp: 22624

Ion	Ratio	Lower	Upper
42	100		
74	98.9	77.2	115.8
44	5.9	5.0	7.4

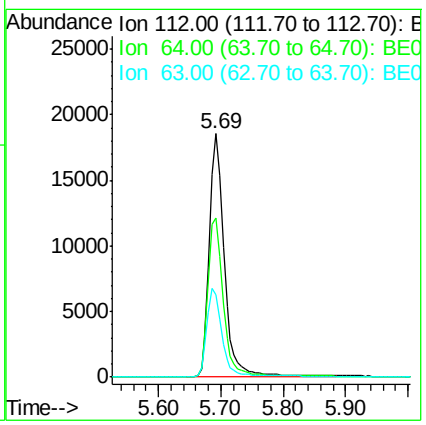


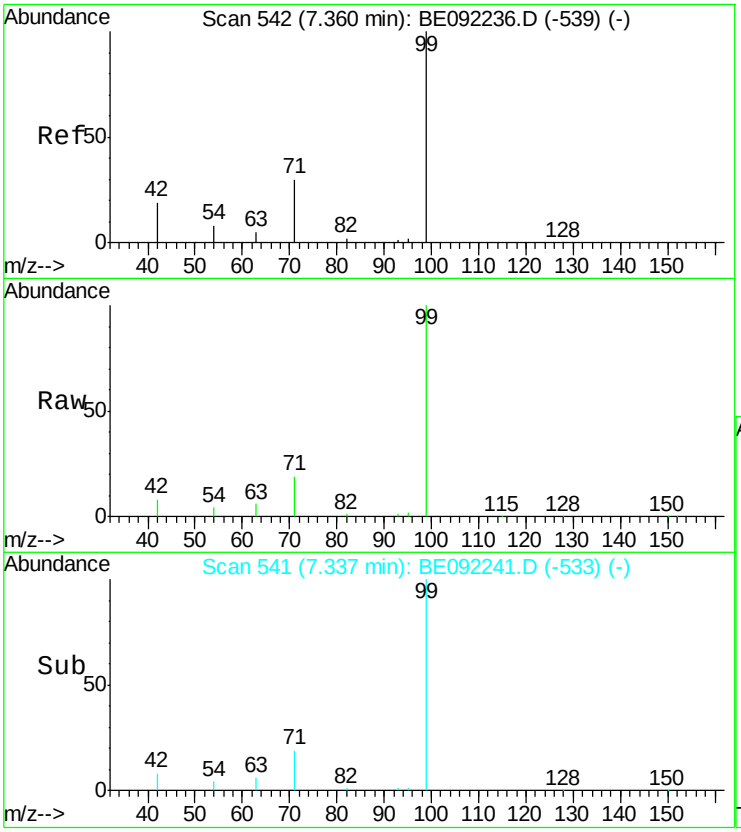


#4
2-Fluorophenol
Concen: 11.60 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:112 Resp: 30219

Ion	Ratio	Lower	Upper
112	100		
64	67.2	53.2	79.8
63	36.7	27.4	41.2



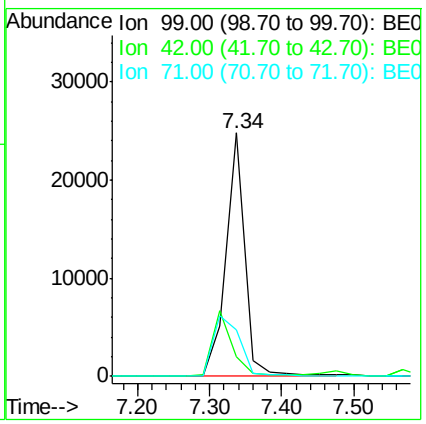


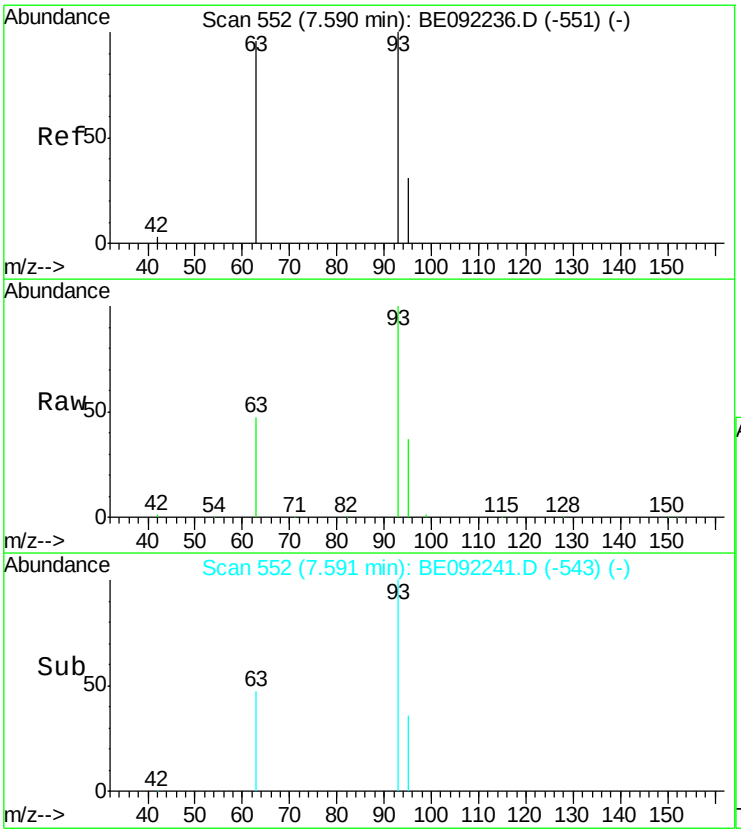
#5
Phenol-d6
Concen: 11.93 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion: 99 Resp: 44704

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	0.0	29.8	44.8#

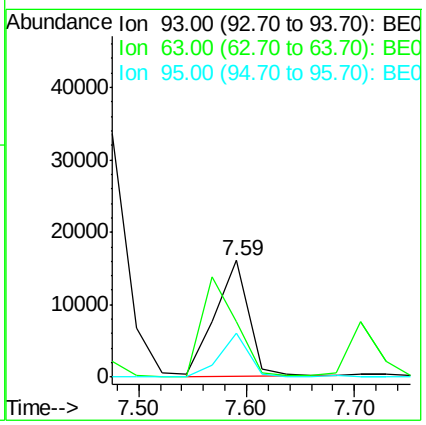


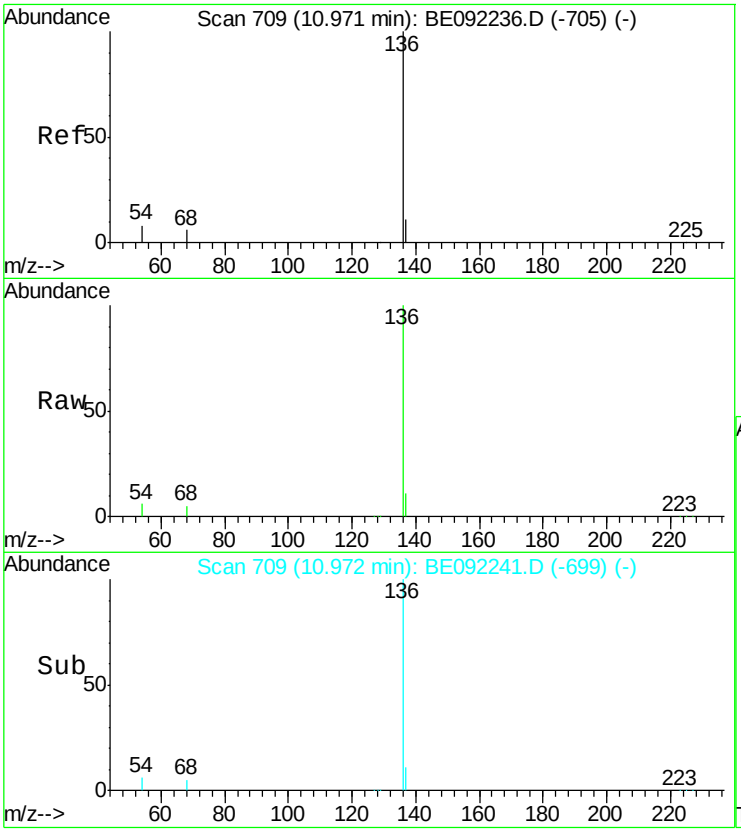


#6
bis(2-Chloroethyl)ether
Concen: 11.21 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion: 93 Resp: 34032

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	33.1	27.2	40.8



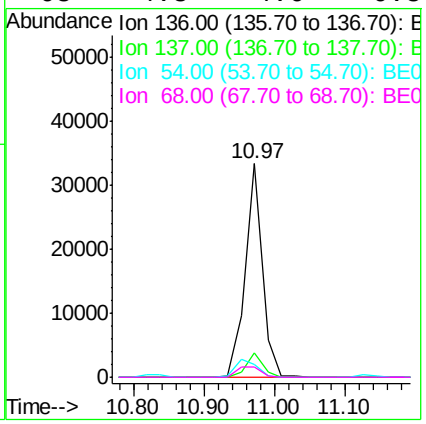


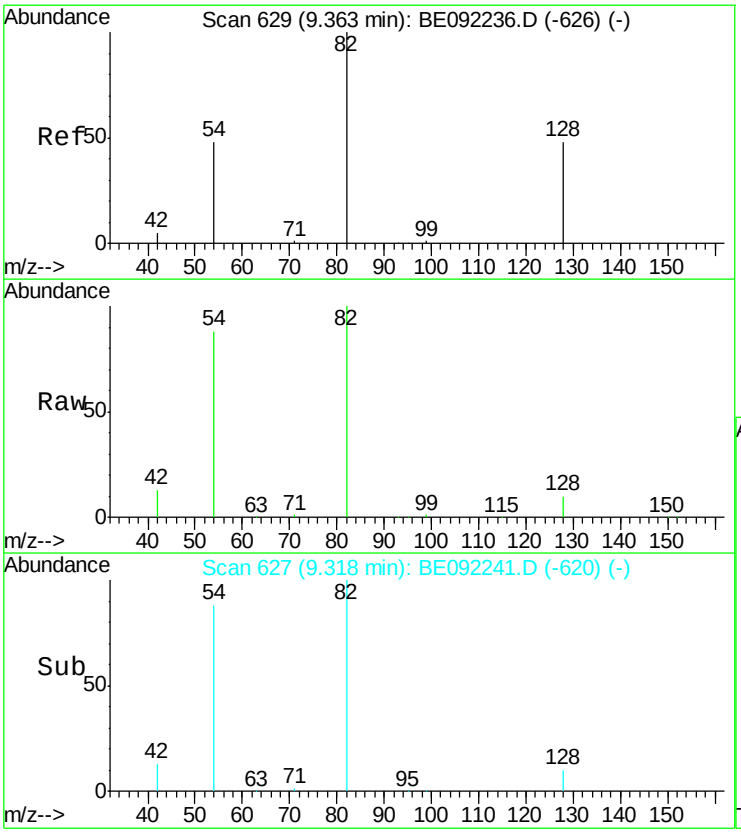
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:136 Resp: 56818

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.3	6.2	9.4
68	4.8	4.6	6.8

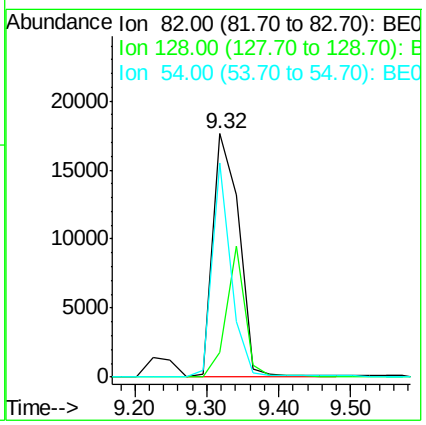


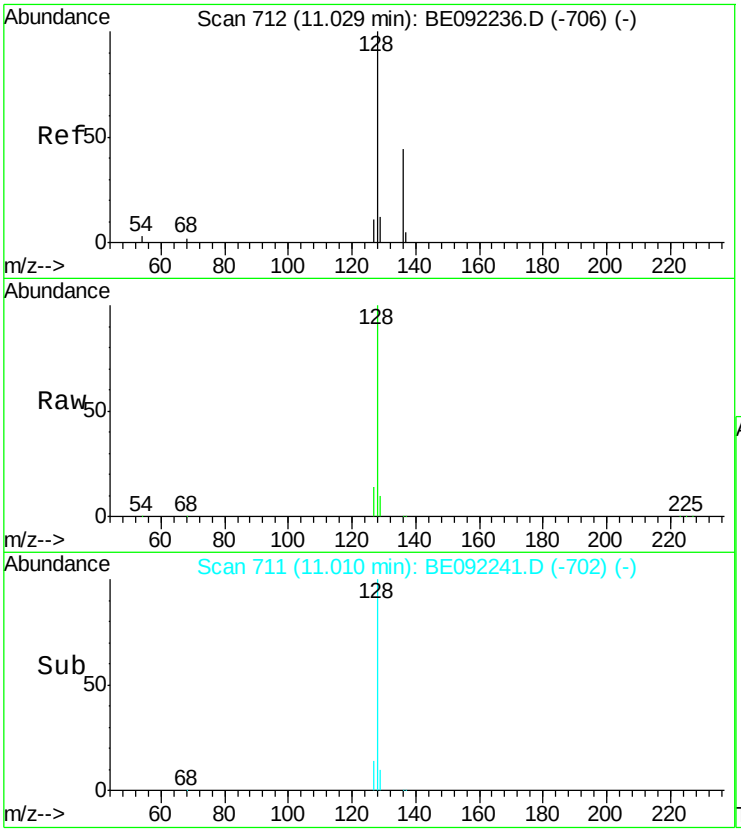


#8
Nitrobenzene-d5
Concen: 10.91 ng
RT: 9.32 min Scan# 627
Delta R.T. -0.05 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion: 82 Resp: 43776

Ion	Ratio	Lower	Upper
82	100		
128	10.4	45.0	67.4#
54	87.8	45.4	68.2#



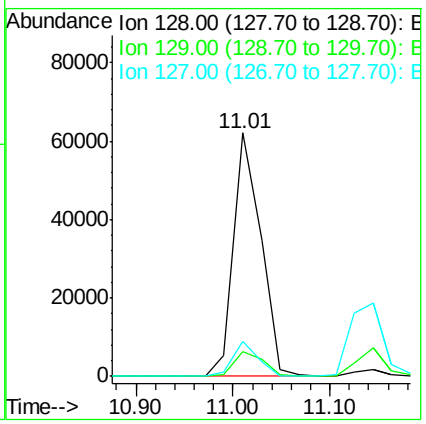


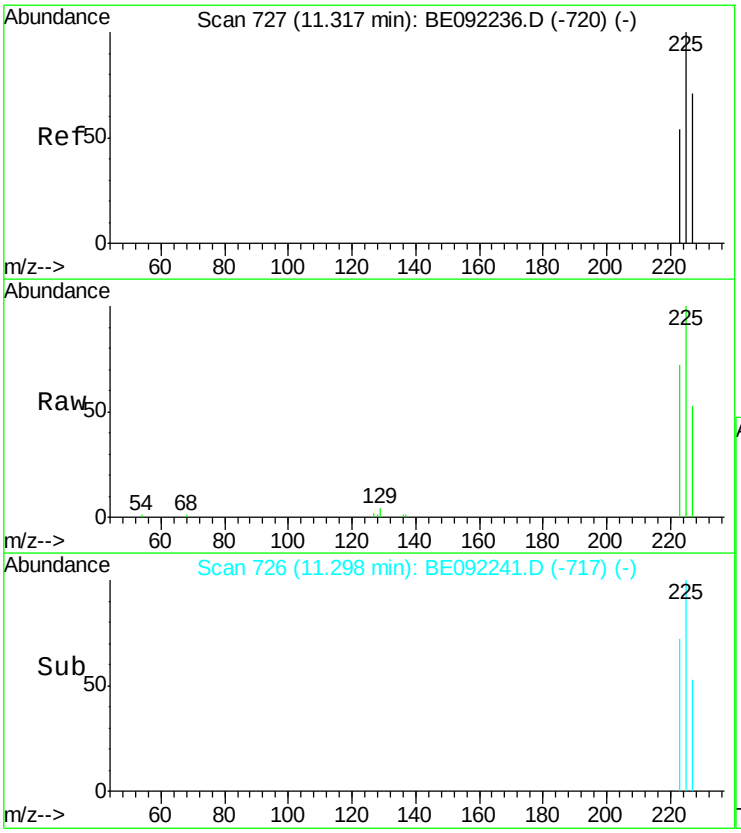
#9
Naphthalene
Concen: 9.45 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:128 Resp: 120376

Ion	Ratio	Lower	Upper
128	100		
129	10.4	11.5	17.3#
127	14.1	11.0	16.6

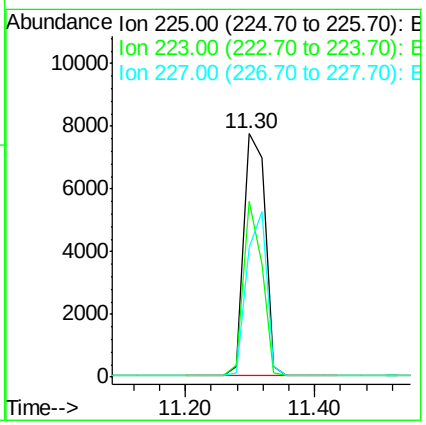


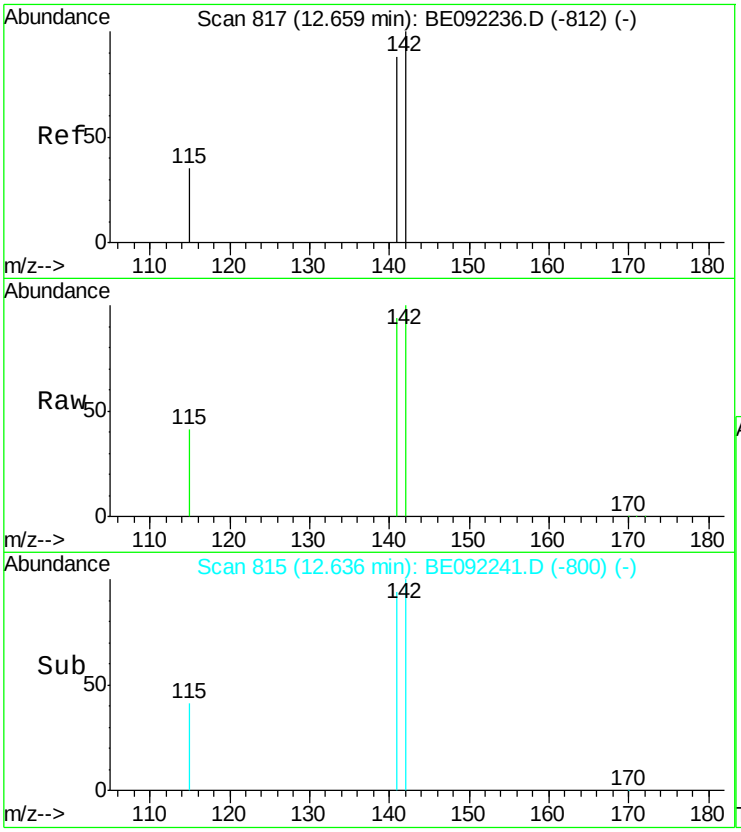


#10
Hexachlorobutadiene
Concen: 9.59 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:225 Resp: 17633

Ion	Ratio	Lower	Upper
225	100		
223	62.7	52.2	78.4
227	63.7	51.0	76.6



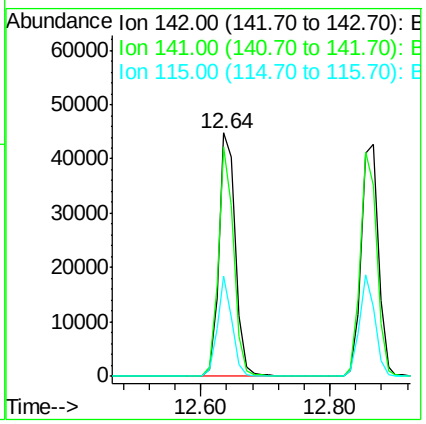


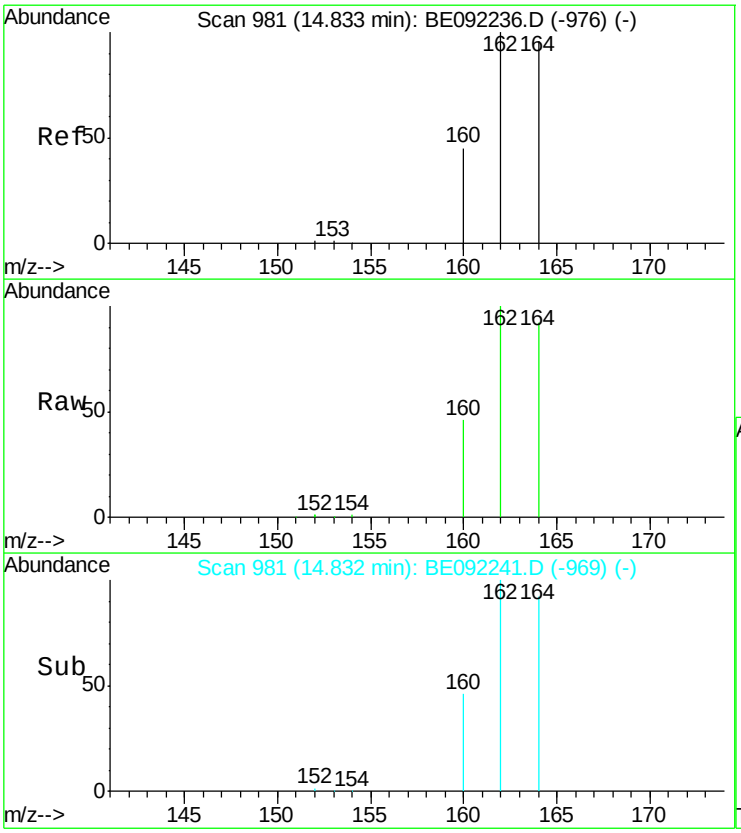
#11
2-Methylnaphthalene
Concen: 10.00 ng
RT: 12.64 min Scan# 815
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:142 Resp: 79527

Ion	Ratio	Lower	Upper
142	100		
141	94.2	70.6	105.8
115	41.1	31.0	46.4

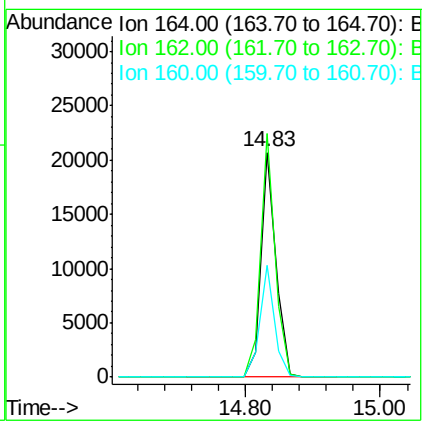


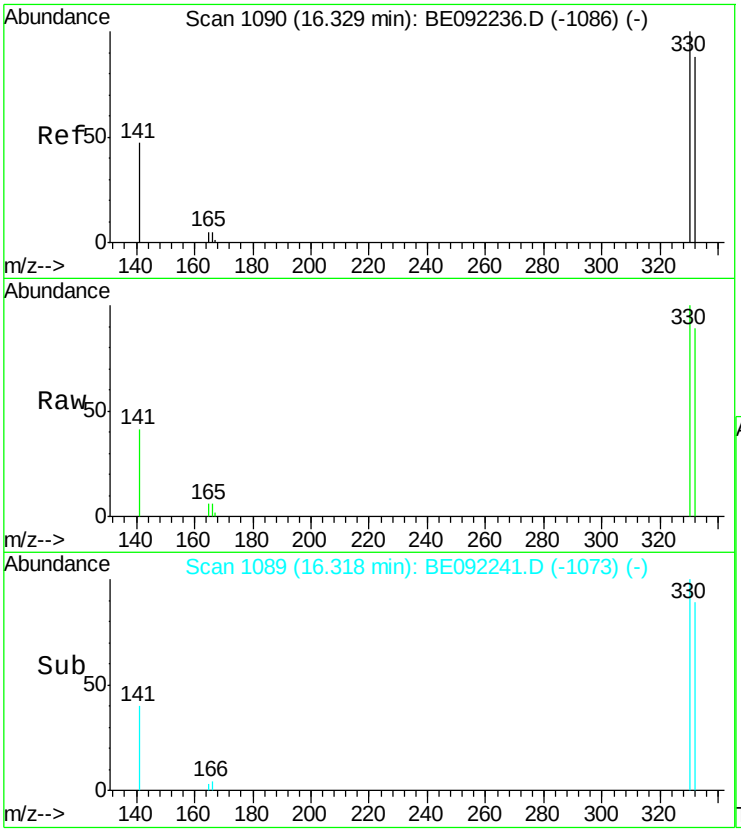


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:164 Resp: 31545

Ion	Ratio	Lower	Upper
164	100		
162	108.3	83.3	124.9
160	50.0	38.0	57.0



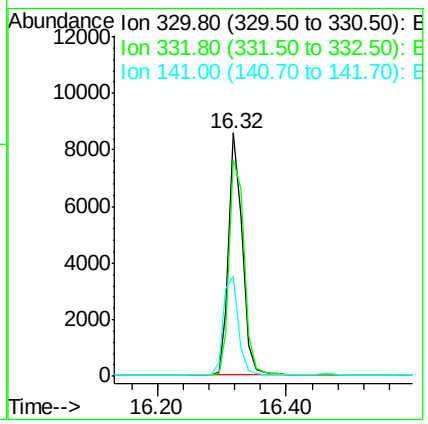


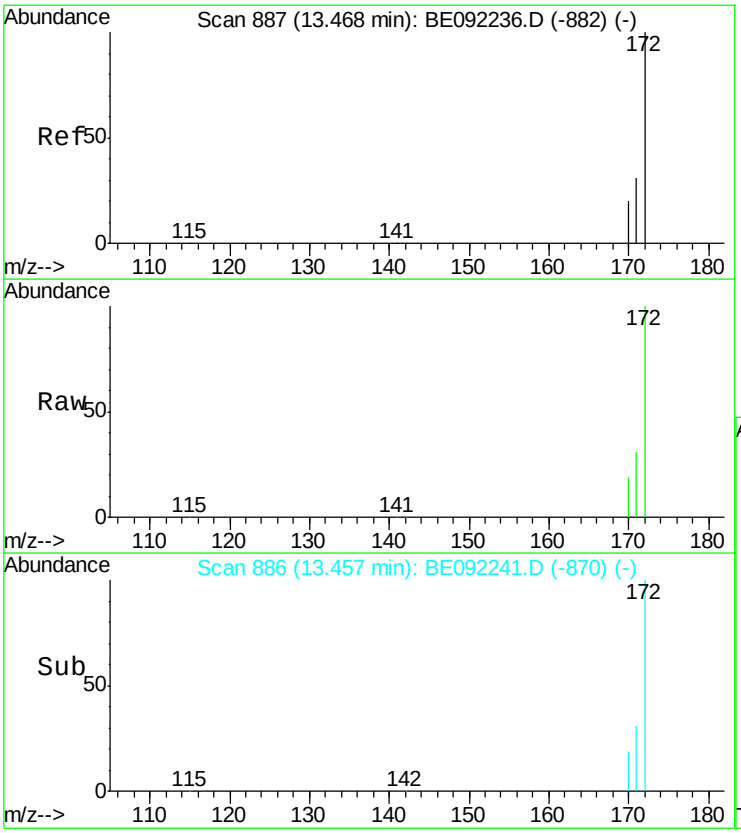
#13
2,4,6-Tribromophenol
Concen: 13.34 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:330 Resp: 12587

Ion	Ratio	Lower	Upper
330	100		
332	97.9	75.4	113.0
141	45.1	37.7	56.5

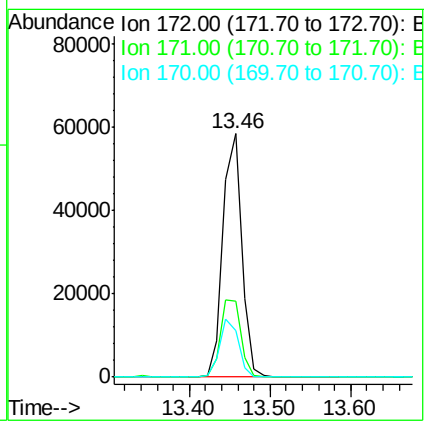


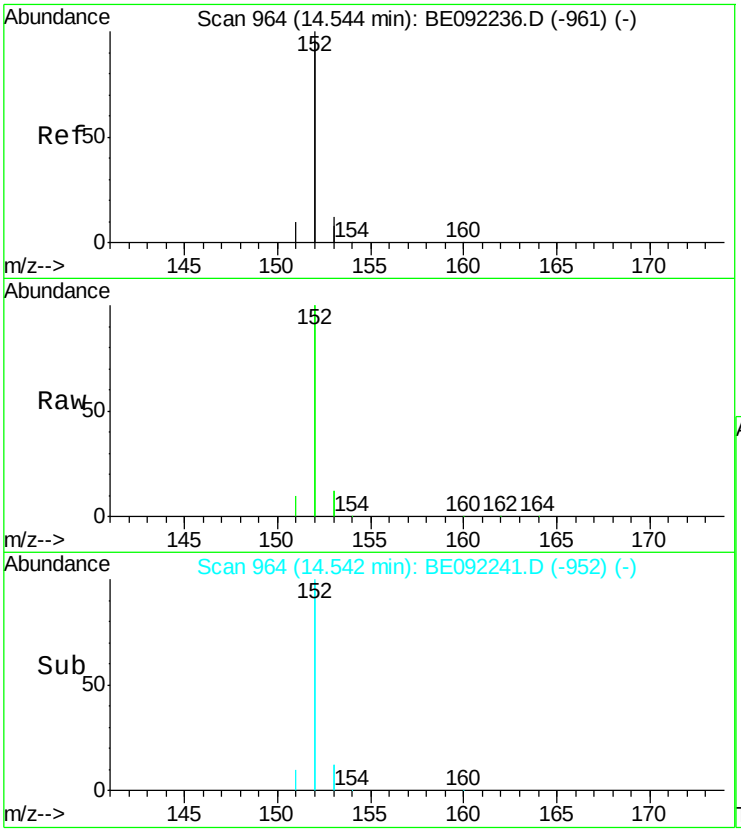


#14
2-Fluorobiphenyl
Concen: 9.69 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:172 Resp: 94459

Ion	Ratio	Lower	Upper
172	100		
171	31.0	26.8	40.2
170	19.1	17.8	26.6



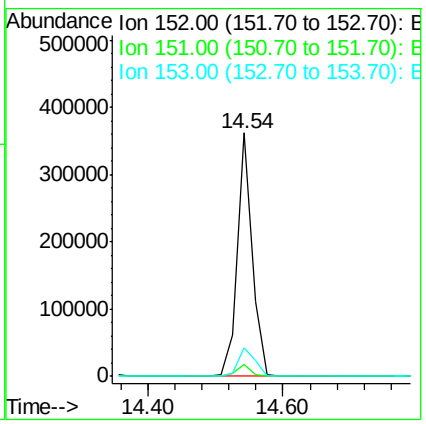


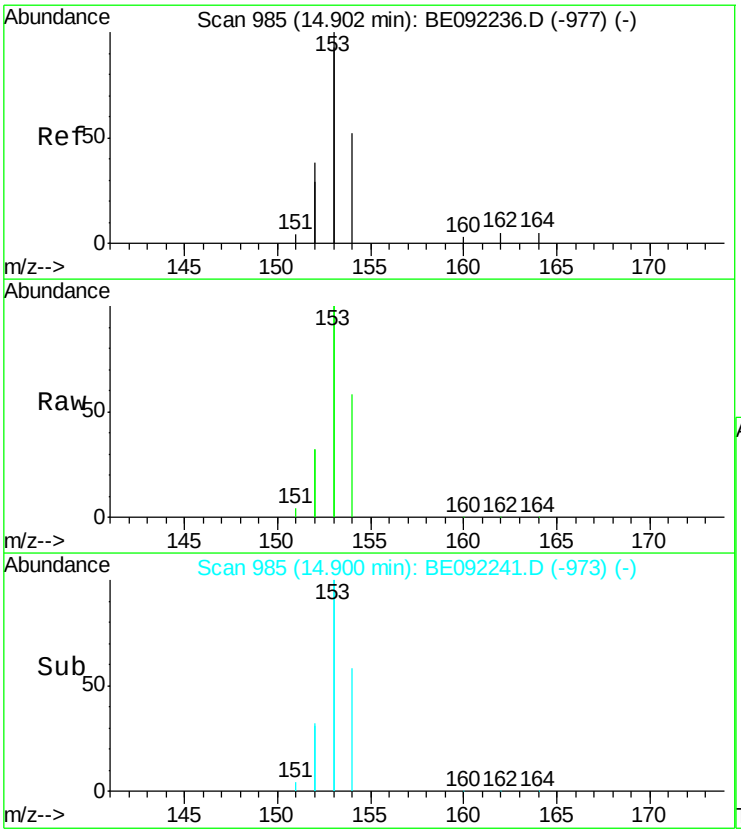
#15
Acenaphthylene
Concen: 10.12 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:152 Resp: 551933

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.3	10.2	15.2

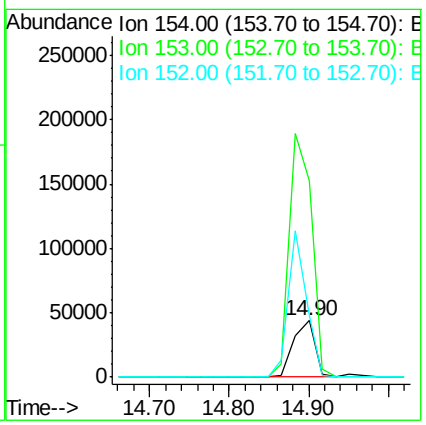


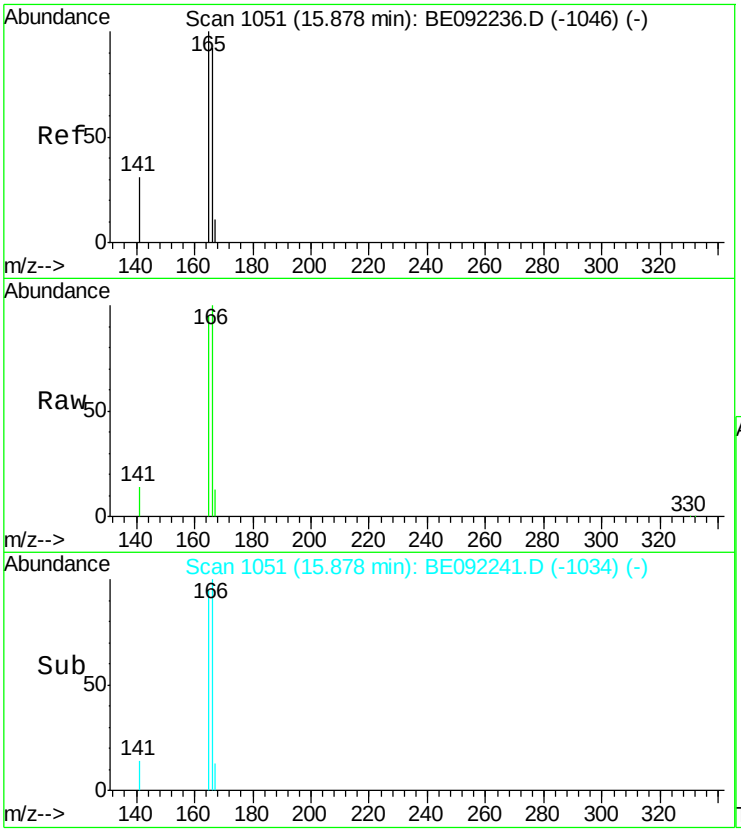


#16
Acenaphthene
Concen: 9.38 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:154 Resp: 82142

Ion	Ratio	Lower	Upper
154	100		
153	446.5	355.0	532.4
152	219.9	179.7	269.5



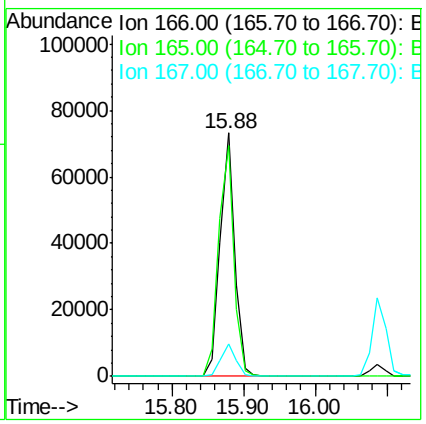


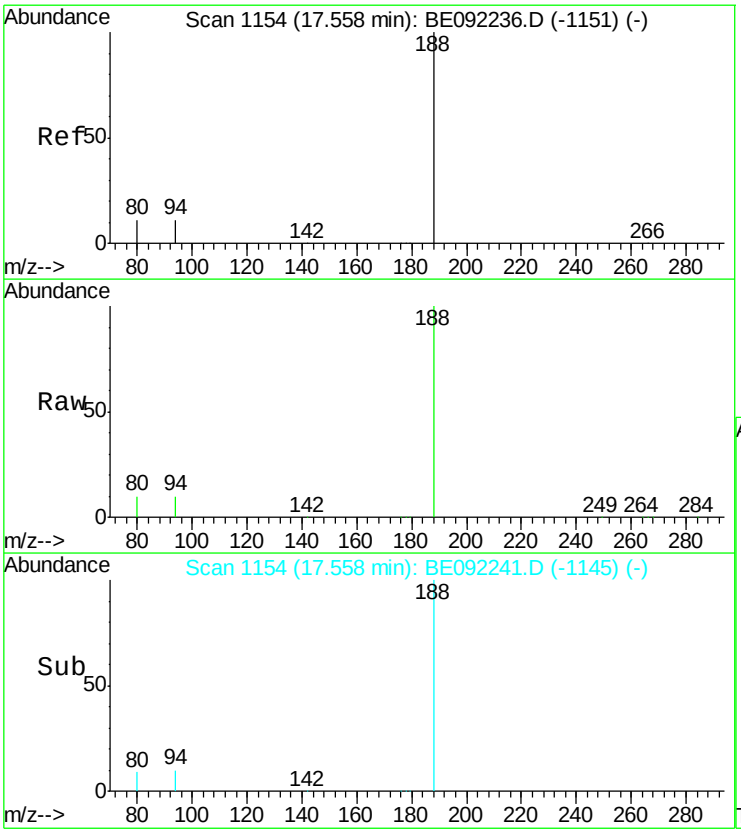
#17
Fluorene
Concen: 9.81 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:166 Resp: 103824

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.1	120.1
167	13.4	10.6	16.0

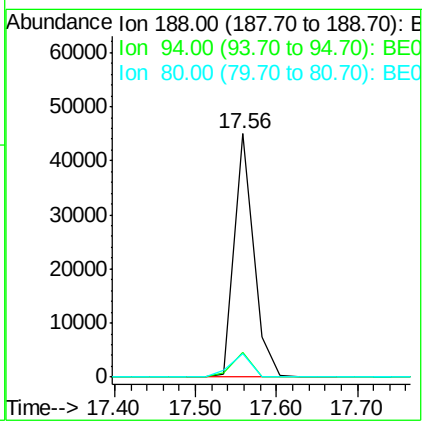


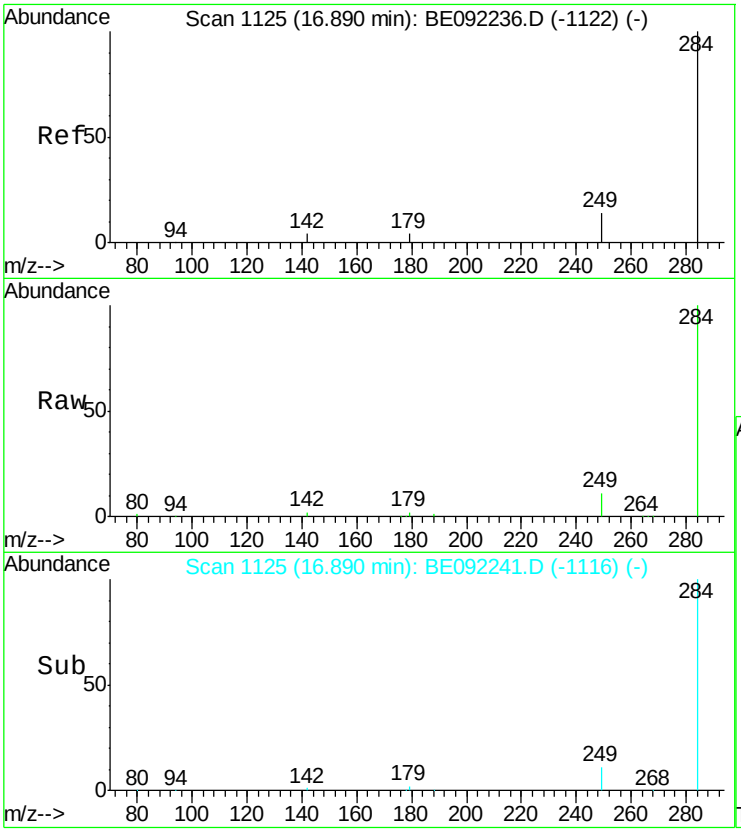


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:188 Resp: 73632

Ion	Ratio	Lower	Upper
188	100		
94	9.9	9.2	13.8
80	9.5	9.1	13.7



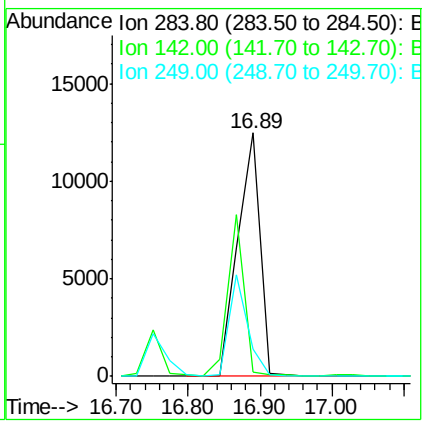


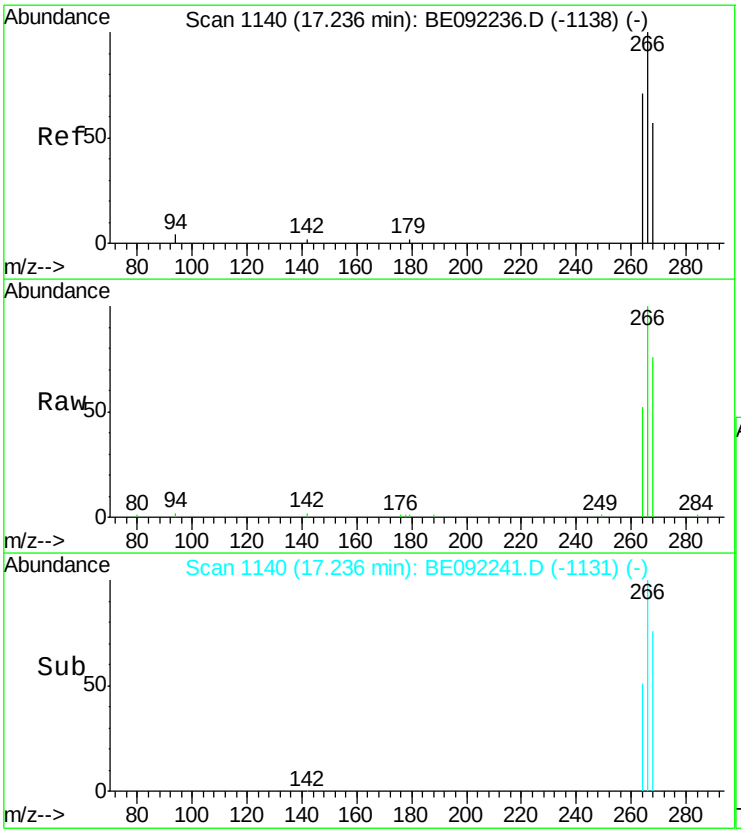
#19
Hexachlorobenzene
Concen: 9.03 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:284 Resp: 26387

Ion	Ratio	Lower	Upper
284	100		
142	0.0	0.0	0.0
249	0.0	0.0	0.0

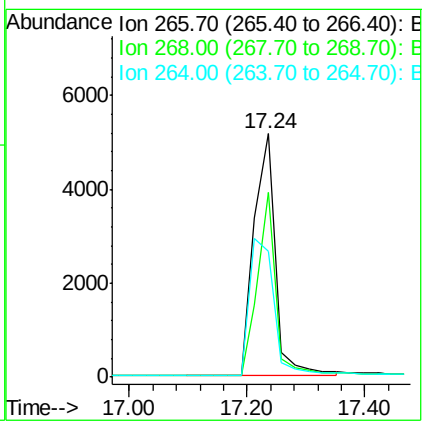


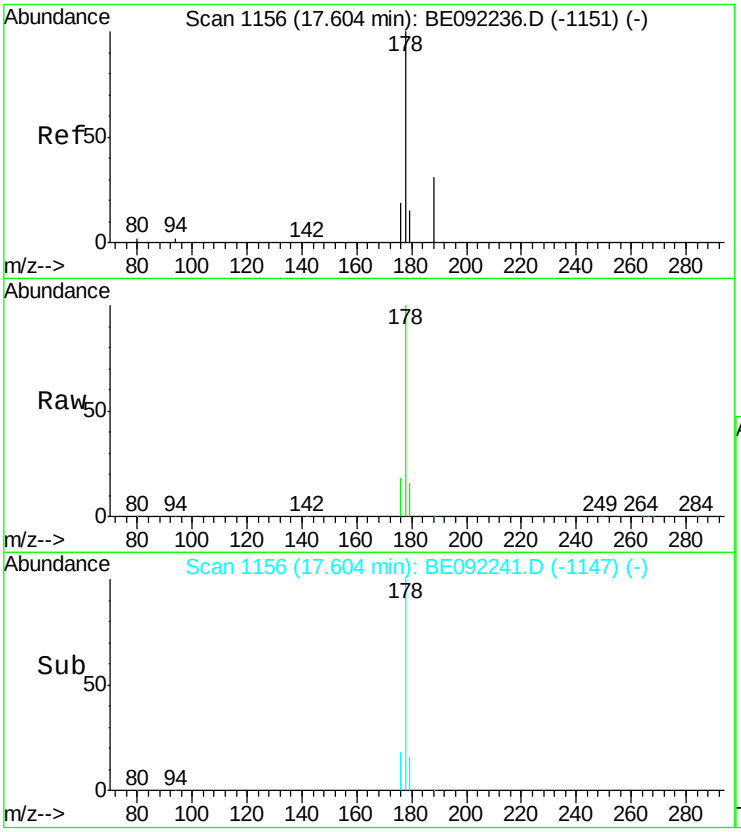


#20
Pentachlorophenol
Concen: 16.85 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:266 Resp: 13100

Ion	Ratio	Lower	Upper
266	100		
268	76.1	62.3	93.5
264	51.7	67.4	101.0#



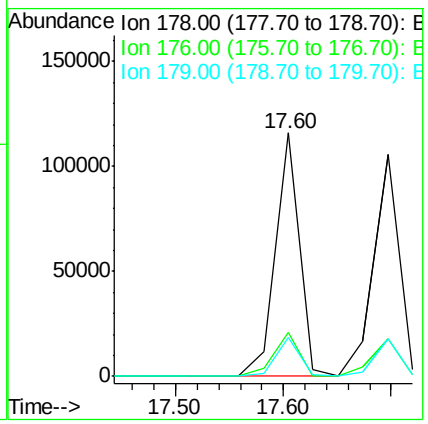


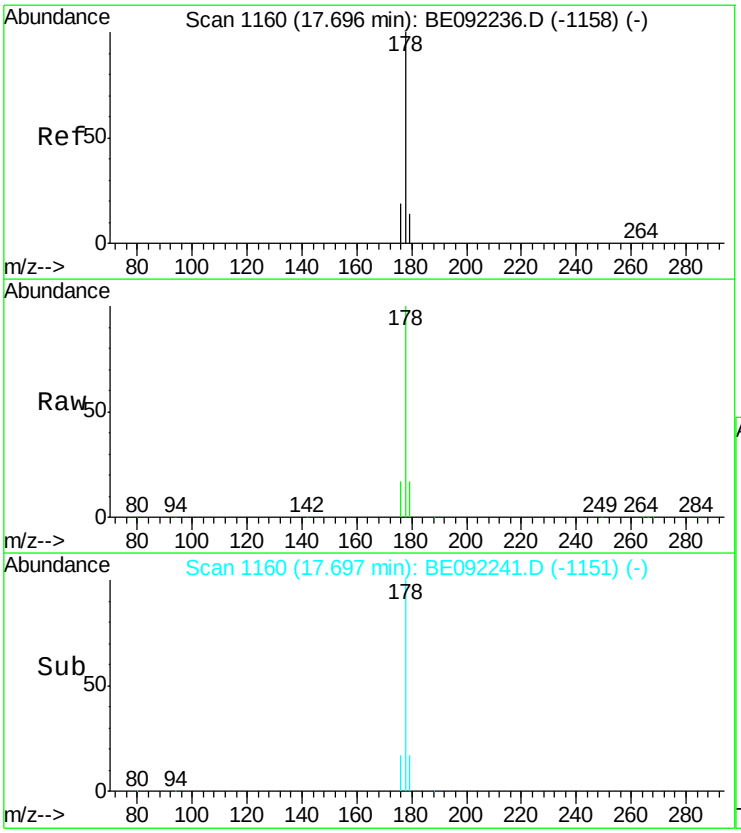
#21
Phenanthrene
Concen: 9.53 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:178 Resp: 181464

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.7	12.9	19.3

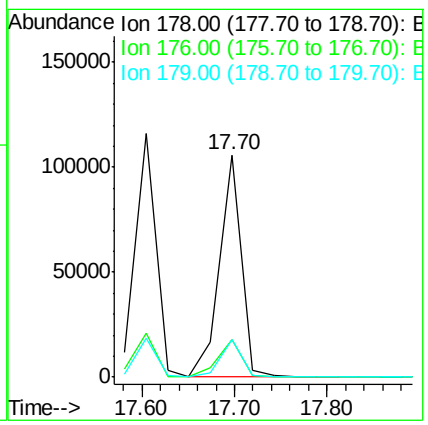


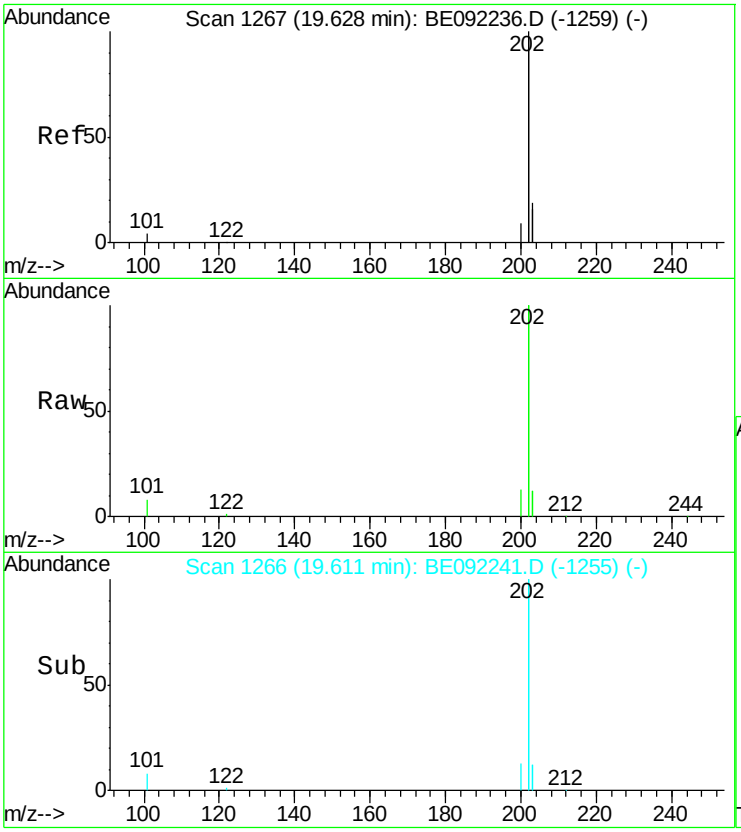


#22
Anthracene
Concen: 10.12 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:178 Resp: 174714

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.0	12.0	18.0



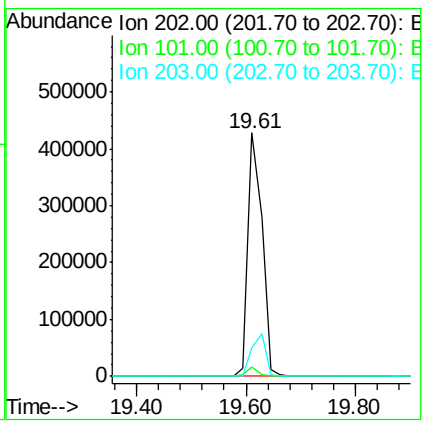


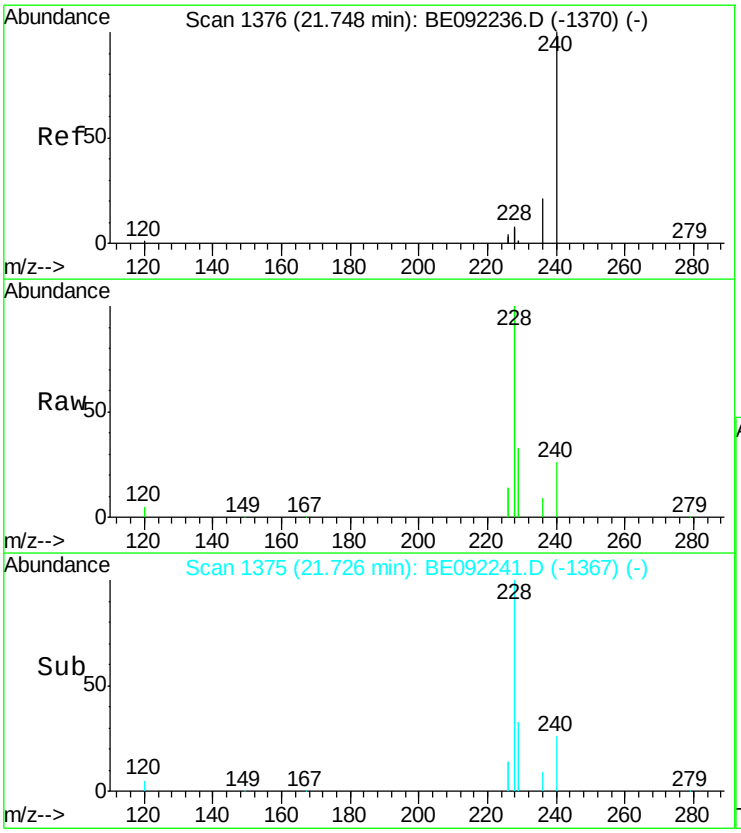
#23
Fluoranthene
Concen: 10.03 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 758635

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.7	13.7	20.5

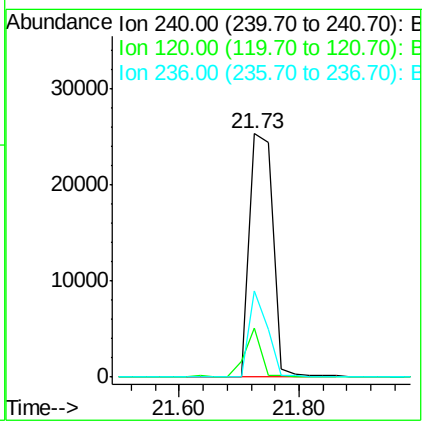


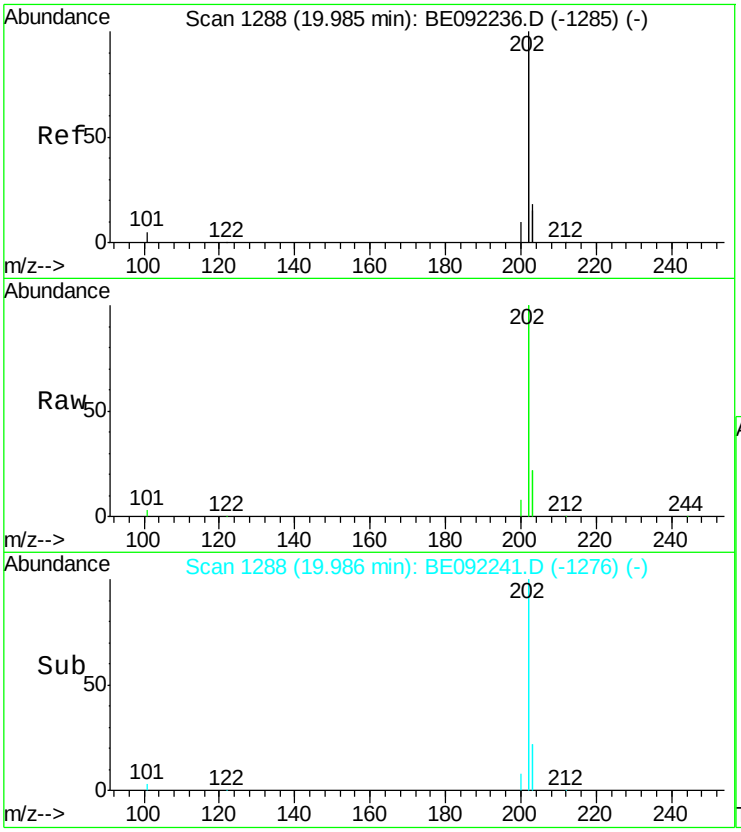


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:240 Resp: 69566

Ion	Ratio	Lower	Upper
240	100		
120	20.3	1.2	1.8#
236	35.2	17.1	25.7#



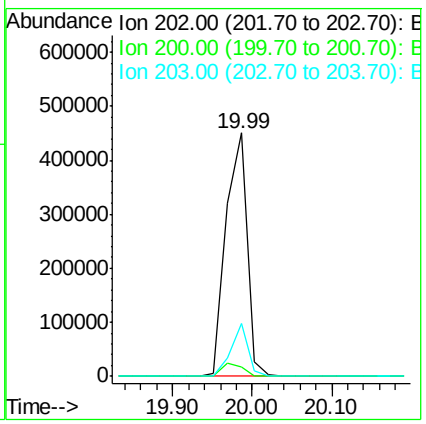


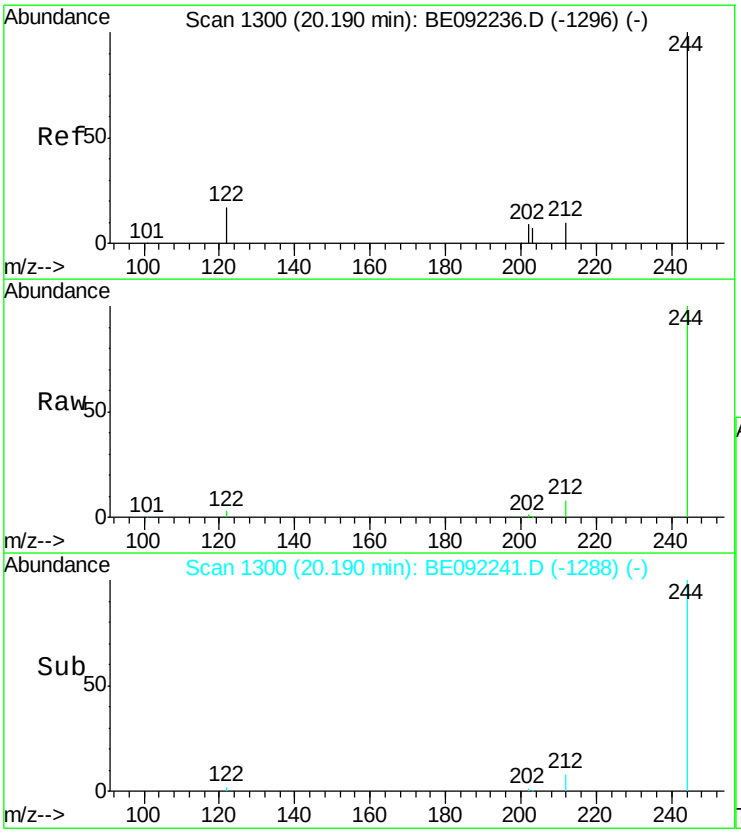
#25
Pyrene
Concen: 10.05 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:202 Resp: 826810

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.6	14.0	21.0

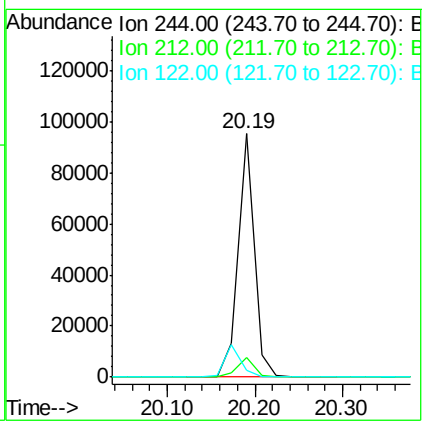


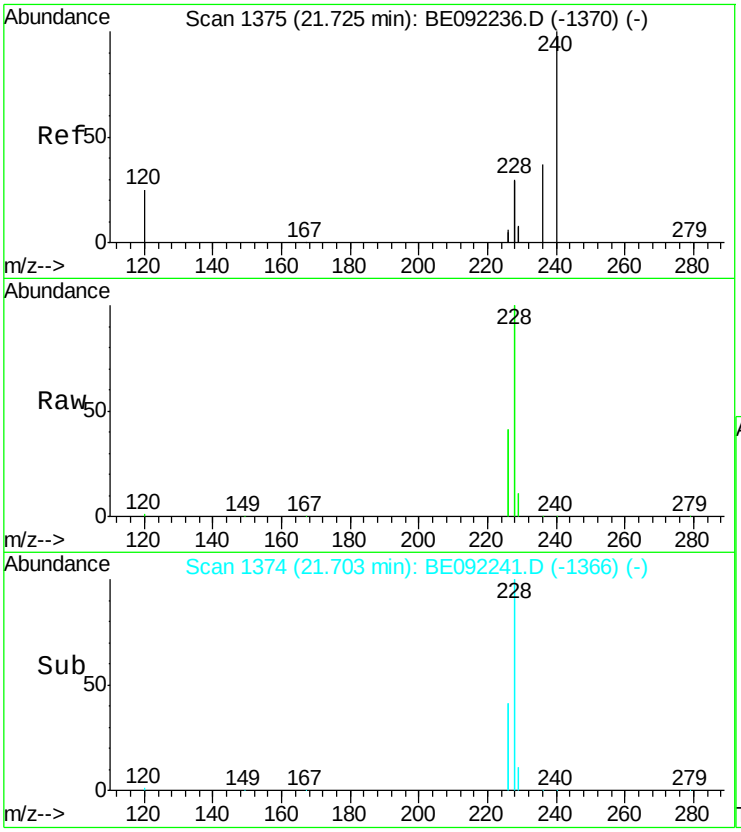


#26
Terphenyl-d14
Concen: 10.29 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:244 Resp: 120999

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.2	15.2#
122	2.9	15.9	23.9#



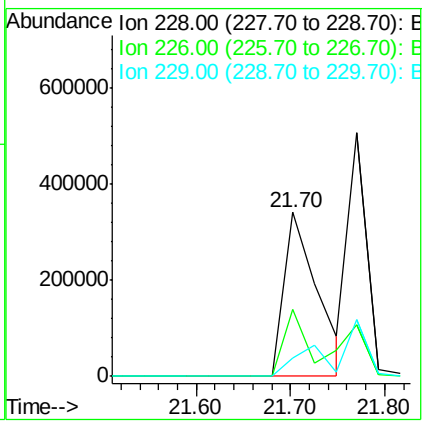


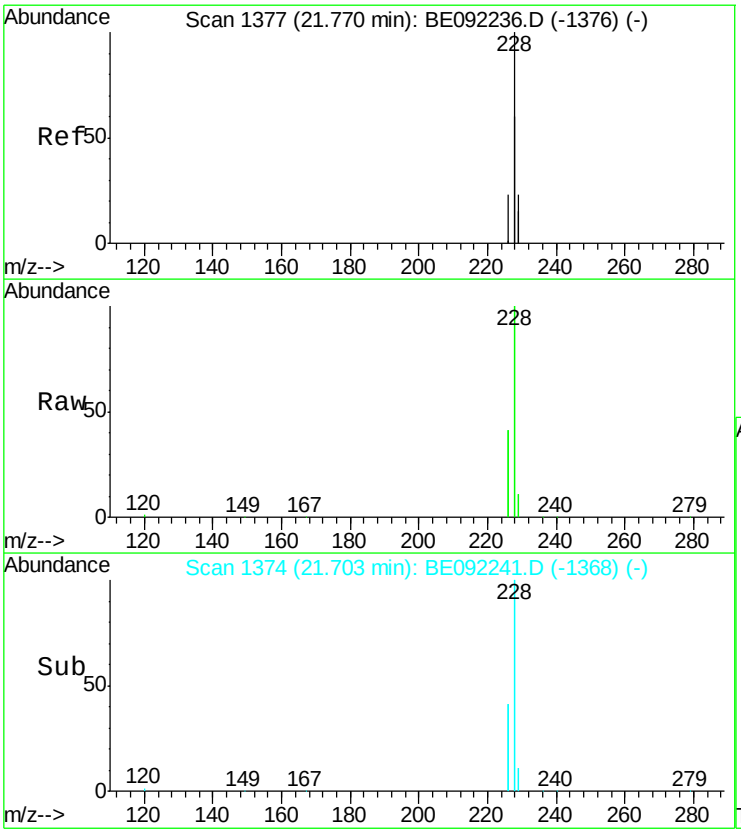
#27
Benzo(a)anthracene
Concen: 10.01 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:228 Resp: 836148

Ion	Ratio	Lower	Upper
228	100		
226	40.8	15.9	23.9#
229	11.5	22.4	33.6#

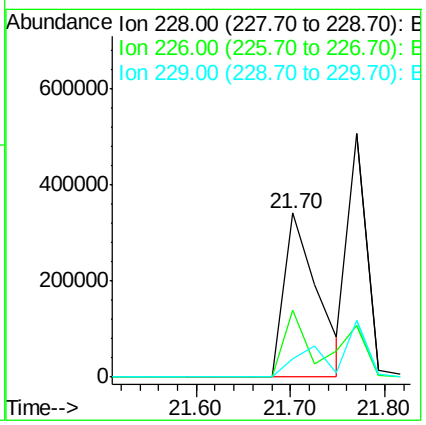


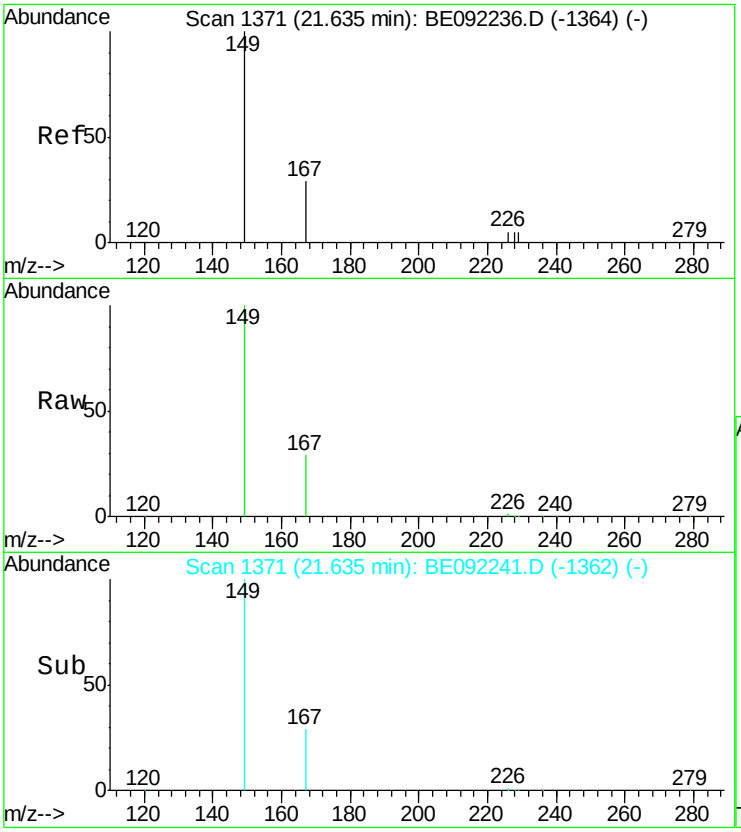


#28
Chrysene
Concen: 10.81 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:228 Resp: 836148

Ion	Ratio	Lower	Upper
228	100		
226	40.8	18.3	27.5#
229	11.5	18.6	27.8#



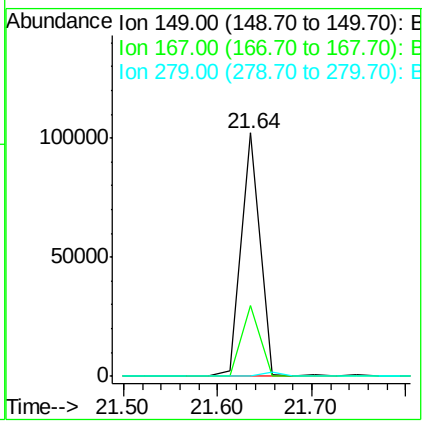


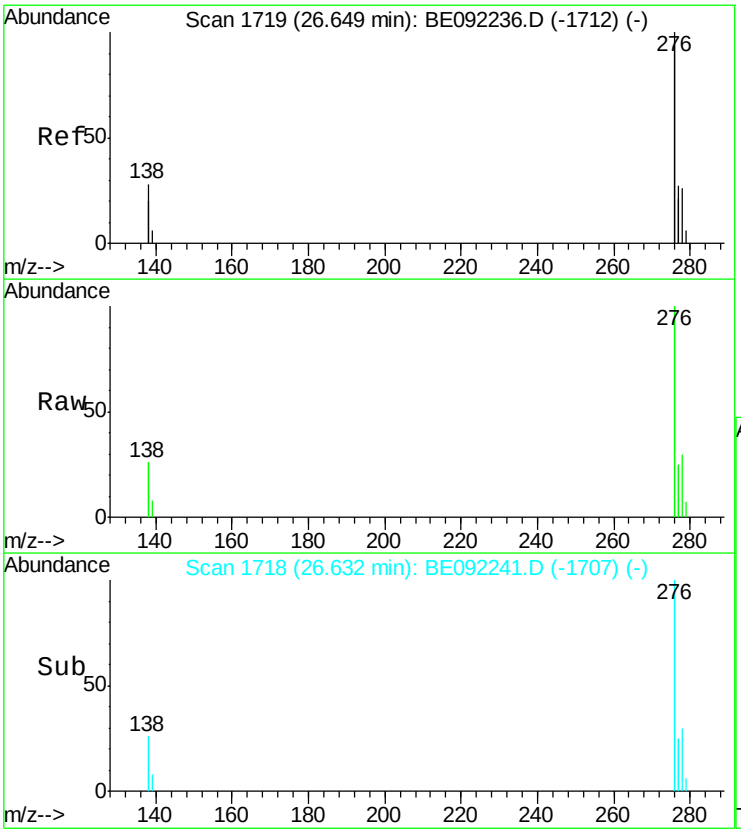
#29
Bis(2-ethylhexyl)phthalate
Concen: 13.44 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:149 Resp: 144044

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.1	33.1
279	0.0	0.0	0.0

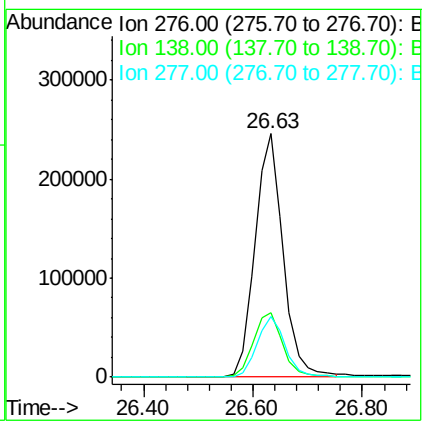


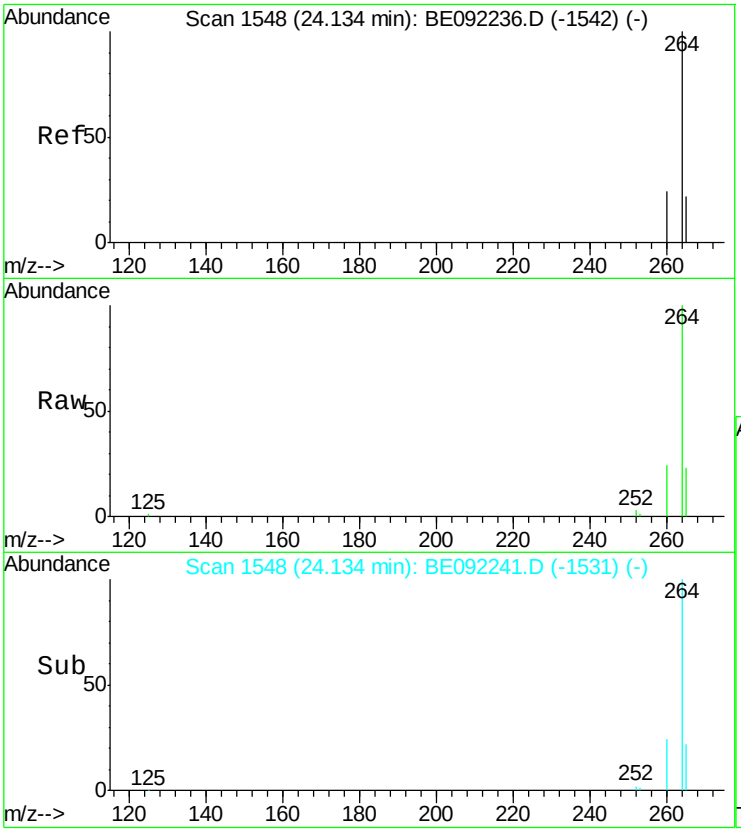


#30
Indeno(1,2,3-cd)pyrene
Concen: 10.51 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:276 Resp: 873092

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.3	31.9
277	24.8	19.7	29.5



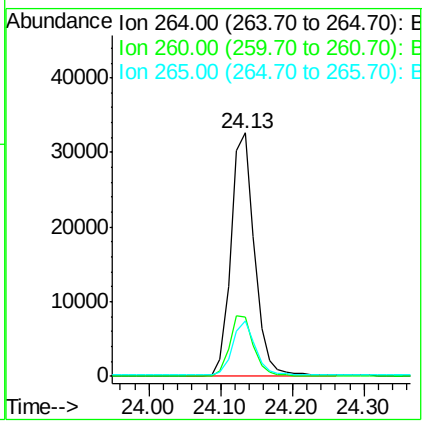


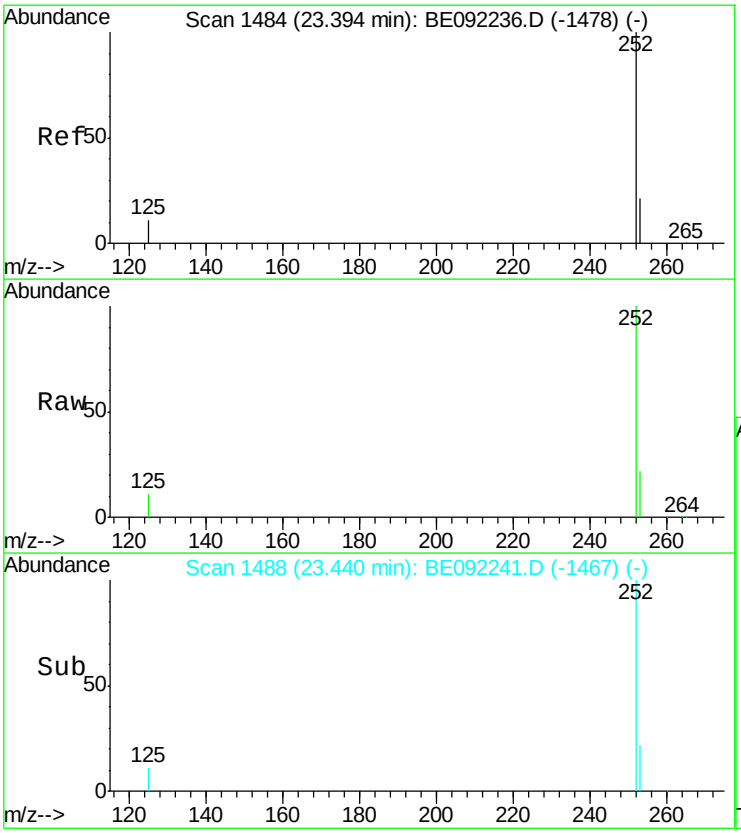
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:264 Resp: 74547

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	23.0	18.2	27.4

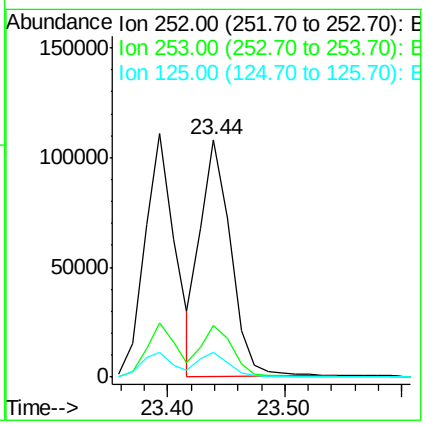


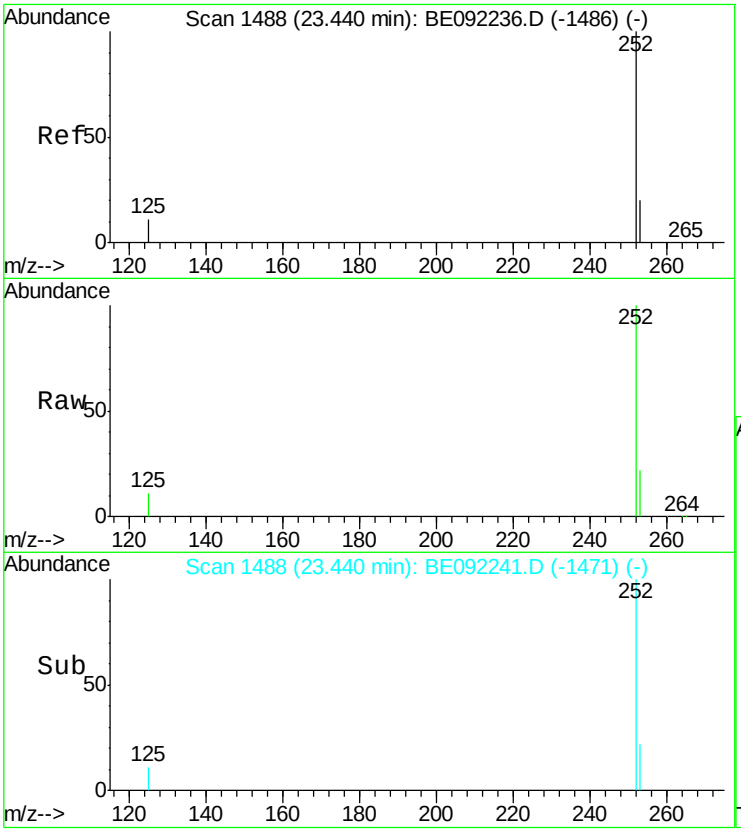


#32
Benzo(b)fluoranthene
Concen: 9.82 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.05 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:252 Resp: 192291

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.4
125	10.6	10.3	15.5



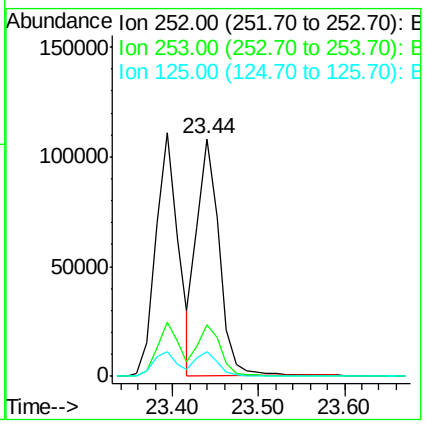


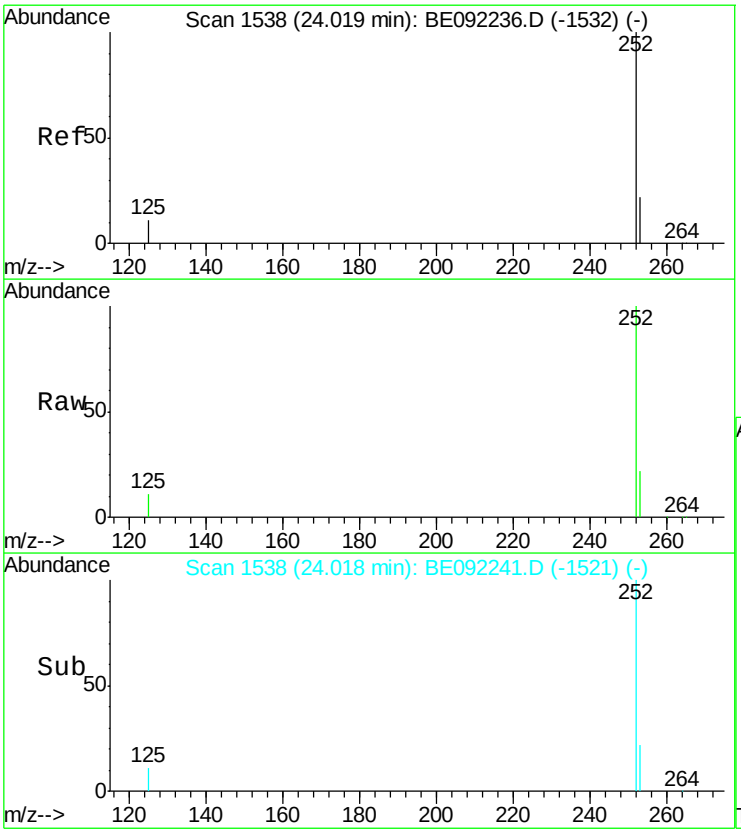
#33
Benzo(k)fluoranthene
Concen: 9.63 ng
RT: 23.44 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:252 Resp: 194781

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.6
125	10.6	10.6	15.8

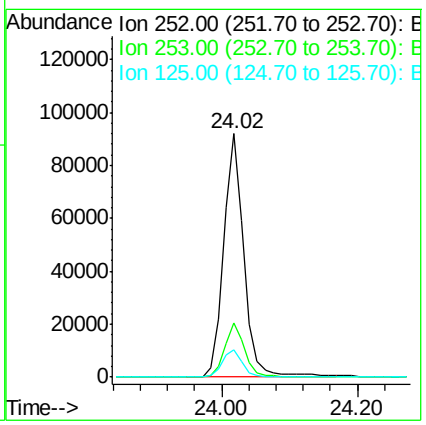


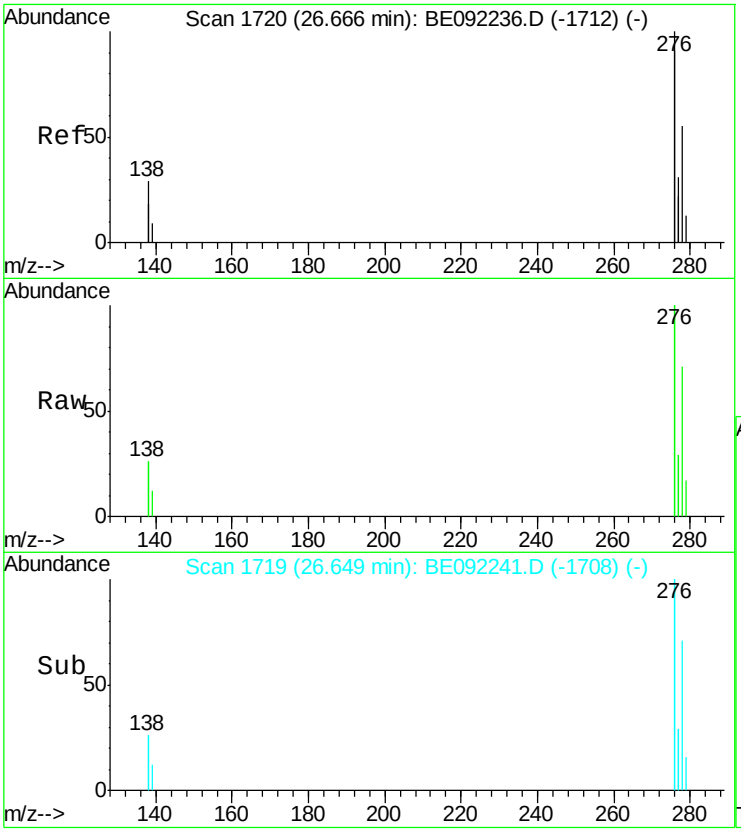


#34
Benzo(a)pyrene
Concen: 10.35 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:252 Resp: 191015

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.3	30.5
125	11.3	11.8	17.6#



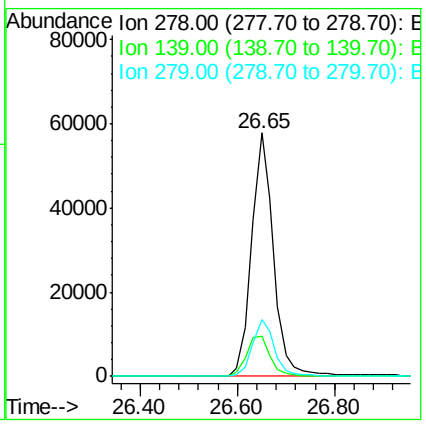


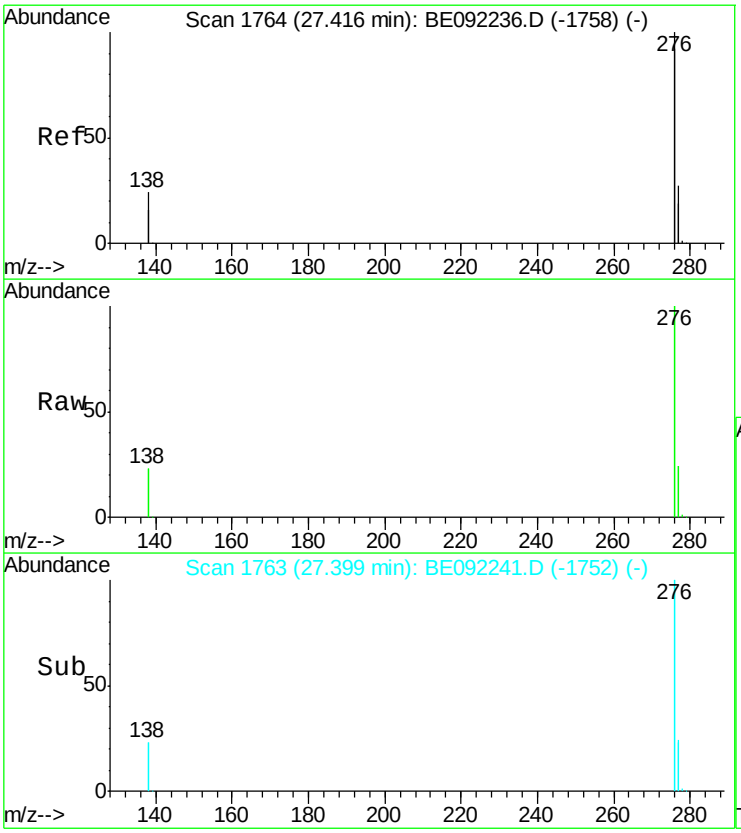
#35
Dibenzo(a,h)anthracene
Concen: 10.63 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Instrument :
BNA_E
ClientSampleId :
SSTDICC010

Tgt Ion:278 Resp: 182549

Ion	Ratio	Lower	Upper
278	100		
139	16.7	16.2	24.2
279	23.2	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 10.19 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092241.D
Acq: 9 Aug 2016 23:04

Tgt Ion:276 Resp: 752355

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.4	32.2
138	22.8	19.4	29.2