Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092329.D
Acq On : 1 Sep 2016 15:20
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Sep 02 03:18:07 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	9662	5.00	ng		-0.02
7) Naphthalene-d8	10.95	136	47825	5.00	ng		0.00
12) Acenaphthene-d10	14.82	164	29758	5.00	ng		-0.02
18) Phenanthrene-d10	17.58	188	71106	5.00	ng		0.00
24) Chrysene-d12	21.75	240	104739	5.00	ng		0.00
31) Perylene-d12	24.12	264	92786	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	7812	3.50	ng		-0.02
5) Phenol-d6	7.34	99	11235	3.83	ng		-0.02
8) Nitrobenzene-d5	9.34	82	11552	3.64	ng		-0.02
13) 2,4,6-Tribromophenol	16.31	330	3655	4.30	ng		-0.01
14) 2-Fluorobiphenyl	13.44	172	26923	2.91	ng		0.00
26) Terphenyl-d14	20.17	244	41701	2.95	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	3664	2.69	ng		94
3) n-Nitrosodimethylamine	3.76	42	5184	3.58	ng		98
6) bis(2-Chloroethyl)ether	7.59	93	9167	4.01	ng	#	88
9) Naphthalene	11.01	128	30963	2.93	ng	#	94
10) Hexachlorobutadiene	11.30	225	4806	2.99	ng		100
11) 2-Methylnaphthalene	12.62	142	21137	3.21	ng		96
15) Acenaphthylene	14.53	152	154007	3.03	ng		100
16) Acenaphthene	14.88	154	23559	2.85	ng		98
17) Fluorene	15.87	166	31069	3.08	ng		99
19) Hexachlorobenzene	16.89	284	9589	3.26	ng	#	66
20) Pentachlorophenol	17.23	266	3930	5.31	ng	#	86
21) Phenanthrene	17.60	178	51297	3.05	ng	#	99
22) Anthracene	17.69	178	52922	3.42	ng		98
23) Fluoranthene	19.61	202	257582	3.36	ng		99
25) Pyrene	19.97	202	281551	2.91	ng		100
27) Benzo(a)anthracene	21.72	228	620955	5.63	ng		96
28) Chrysene	21.72	228	623617	6.39	ng	#	75
29) Bis(2-ethylhexyl)phthalate	21.63	149	30769	4.10	ng	#	100
30) Indeno(1,2,3-cd)pyrene	26.62	276	332477	3.25	ng		100
32) Benzo(b)fluoranthene	23.38	252	74725	3.41	ng	#	95
33) Benzo(k)fluoranthene	23.43	252	73782	2.95	ng		93
34) Benzo(a)pyrene	24.01	252	72114	3.25	ng	#	95
35) Dibenzo(a,h)anthracene	26.63	278	68088	3.45	ng		94
36) Benzo(g,h,i)perylene	27.38	276	278471	3.20	ng		96

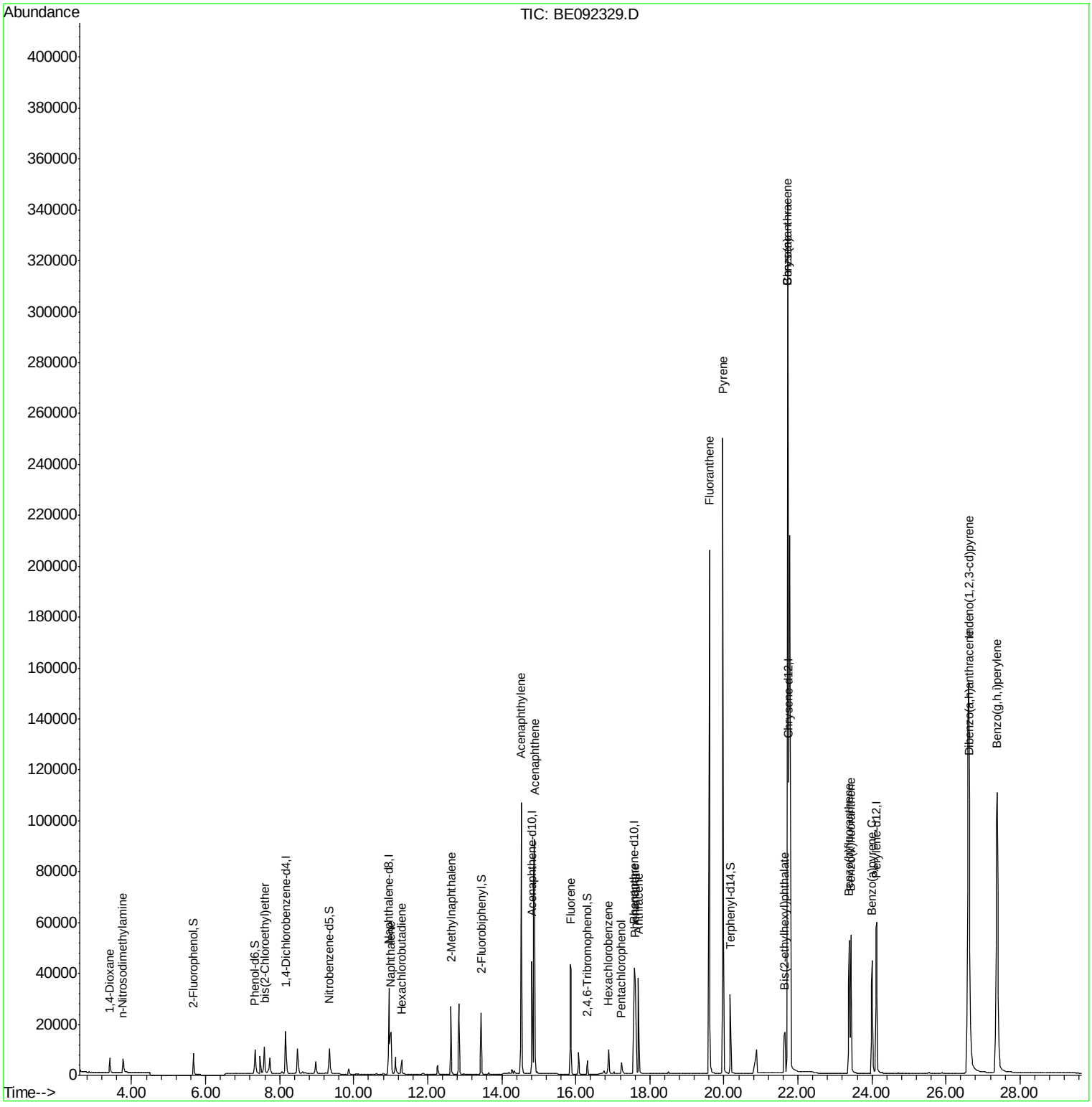
(#) = qualifier out of range (m) = manual integration (+) = signals summed

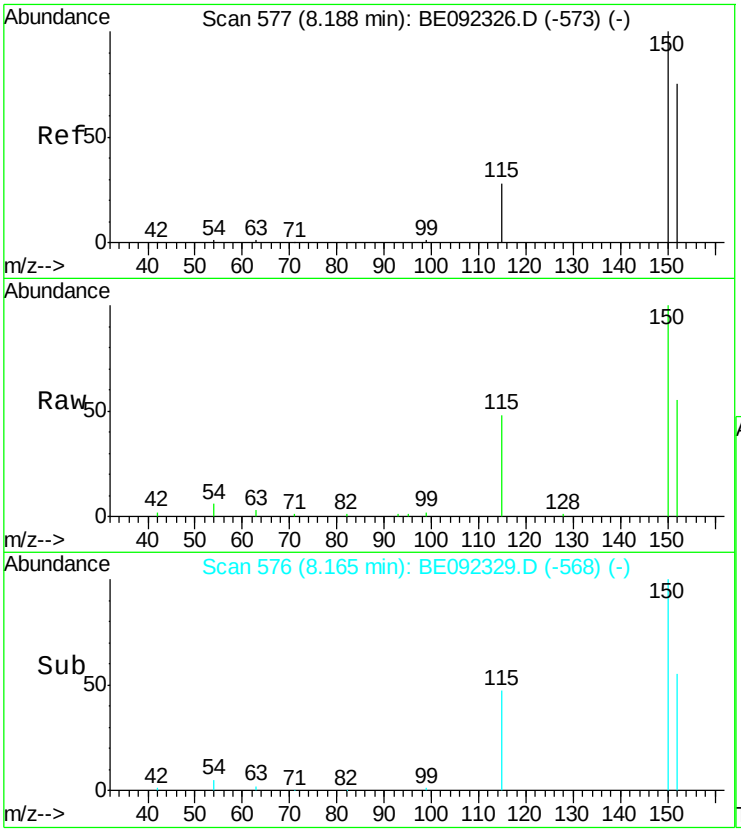
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE090116\
Data File : BE092329.D
Acq On : 1 Sep 2016 15:20
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Sep 02 03:18:07 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 03:16:21 2016
Response via : Initial Calibration



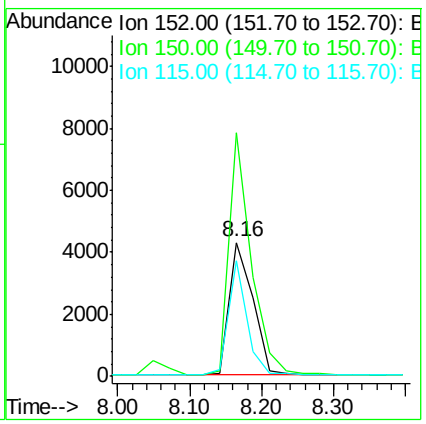


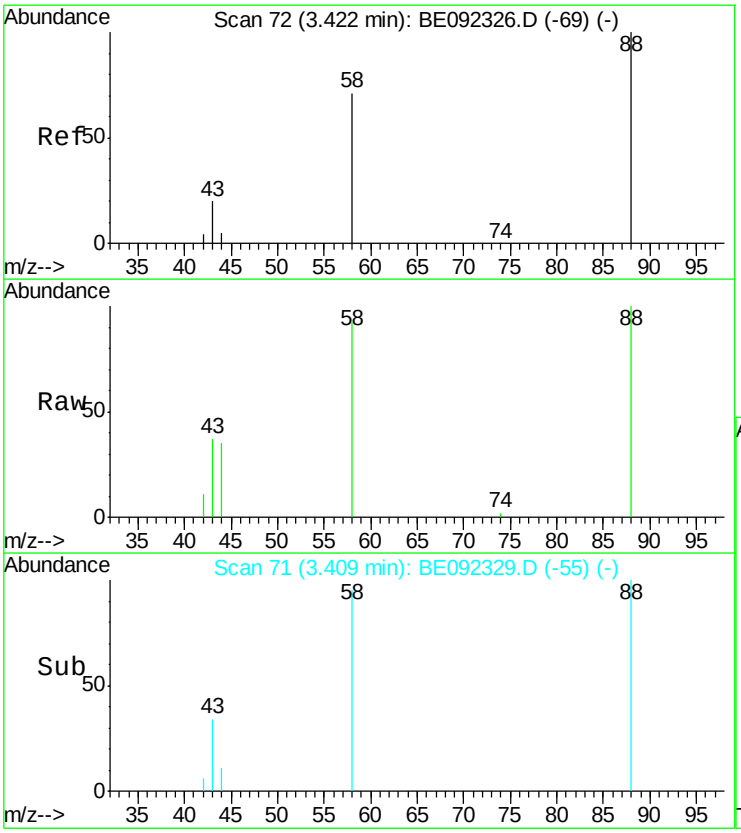
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.16 min Scan# 576
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 9662

Ion	Ratio	Lower	Upper
152	100		
150	181.6	106.0	159.0#
115	86.5	31.2	46.8#

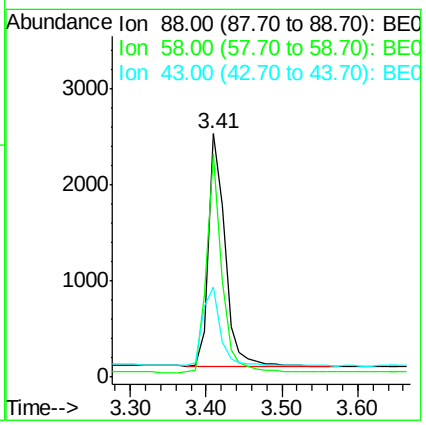


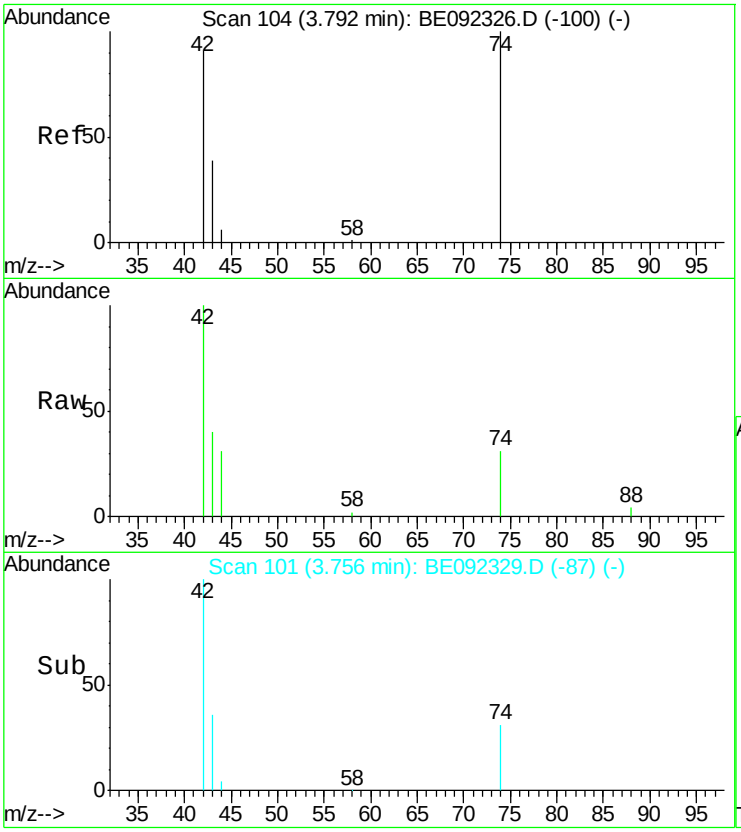


#2
1,4-Dioxane
Concen: 2.69 ng
RT: 3.41 min Scan# 71
Delta R.T. -0.01 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion: 88 Resp: 3664

Ion	Ratio	Lower	Upper
88	100		
58	86.3	63.6	95.4
43	37.0	28.0	42.0



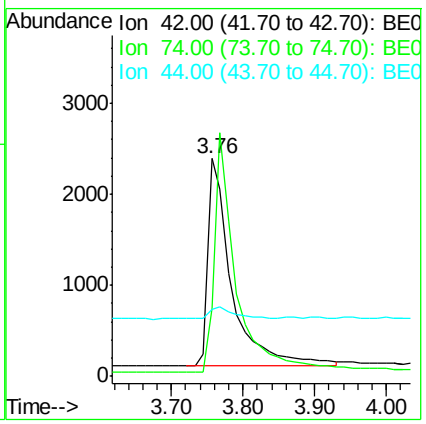


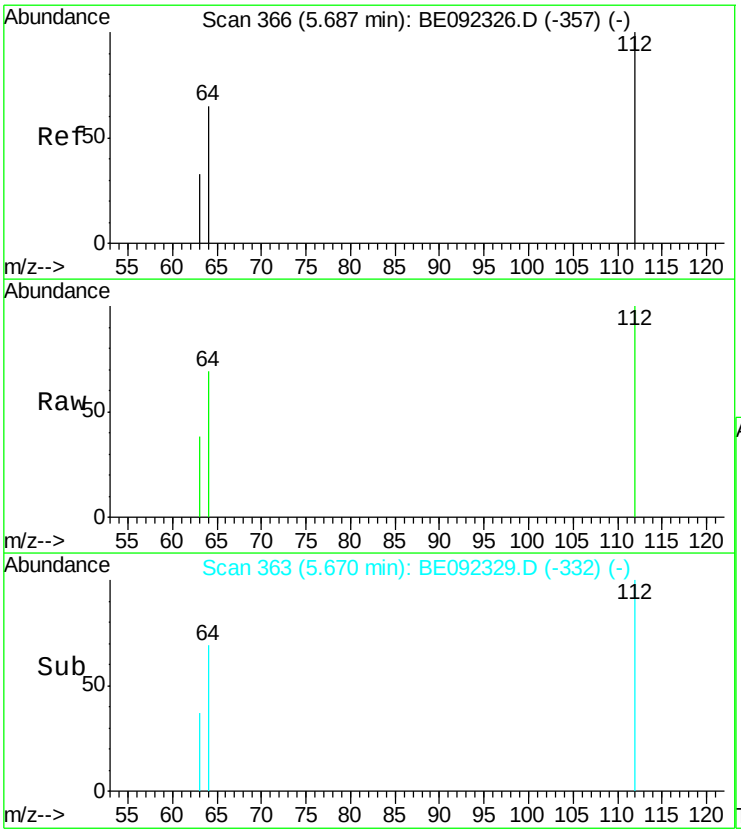
#3
n-Nitrosodimethylamine
Concen: 3.58 ng
RT: 3.76 min Scan# 101
Delta R.T. -0.04 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 5184

Ion	Ratio	Lower	Upper
42	100		
74	105.3	86.0	129.0
44	6.2	5.1	7.7

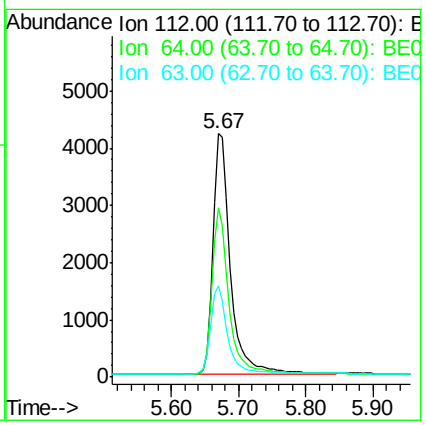


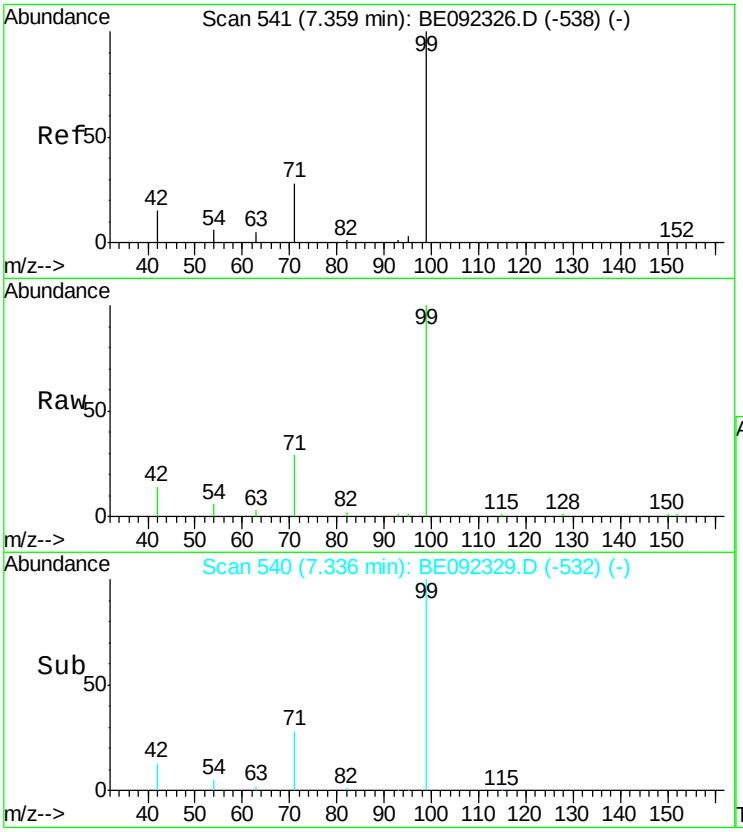


#4
2-Fluorophenol
Concen: 3.50 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:112 Resp: 7812

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.5	80.3
63	36.0	27.9	41.9



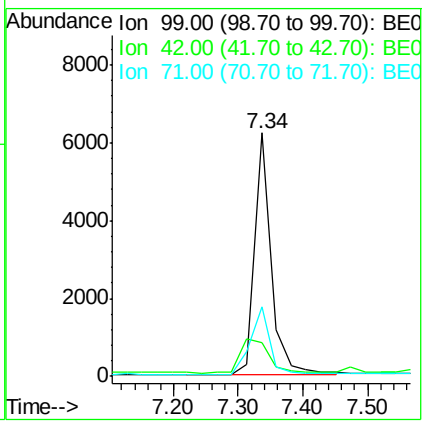


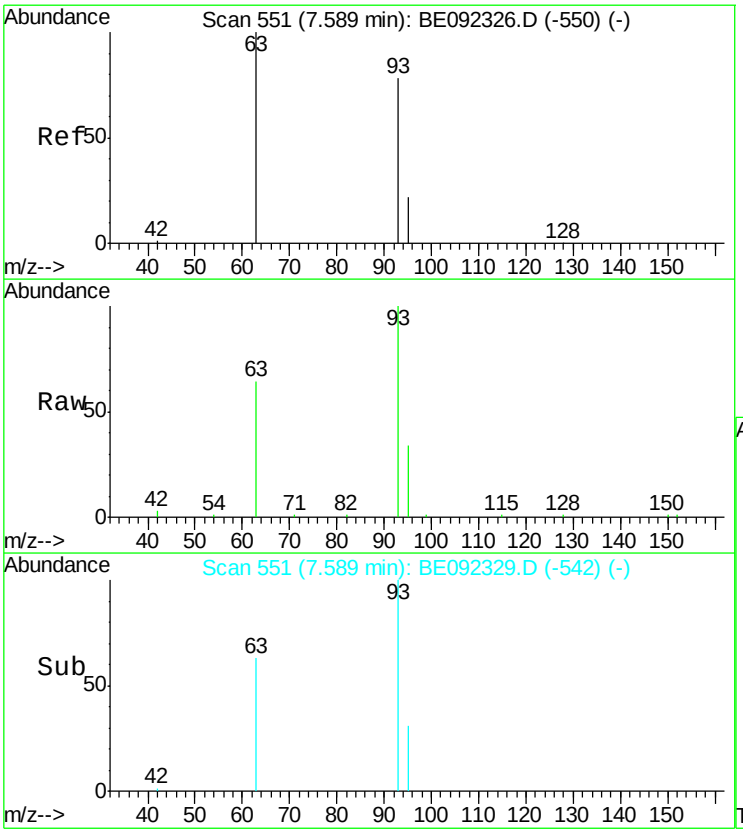
#5
Phenol-d6
Concen: 3.83 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 11235

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	32.7	30.6	45.8

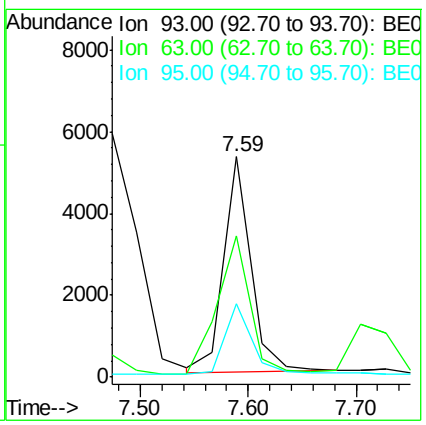


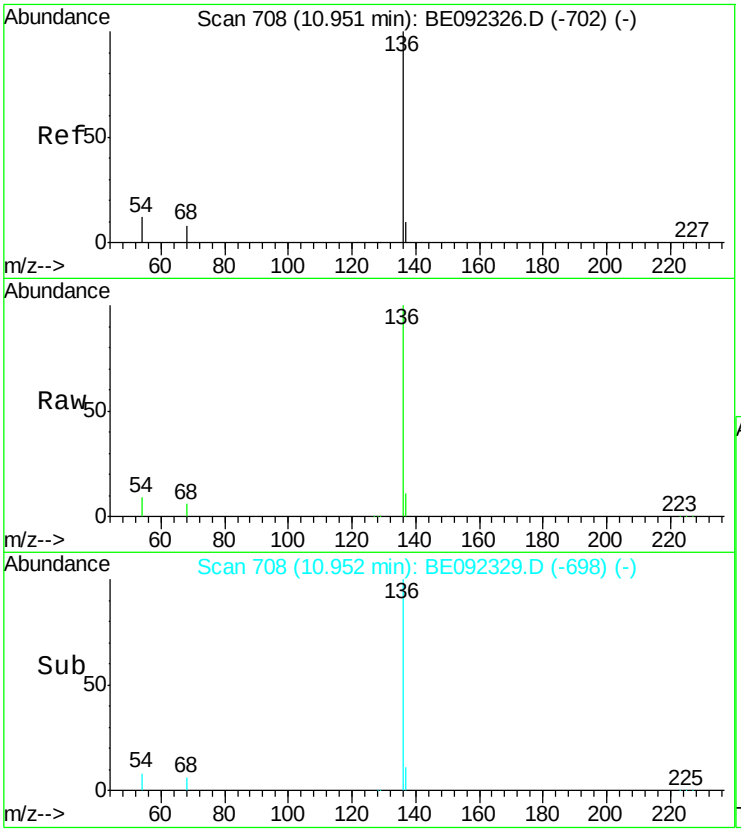


#6
bis(2-Chloroethyl)ether
Concen: 4.01 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion: 93 Resp: 9167

Ion	Ratio	Lower	Upper
93	100		
63	77.9	71.6	107.4
95	33.0	0.0	0.0#



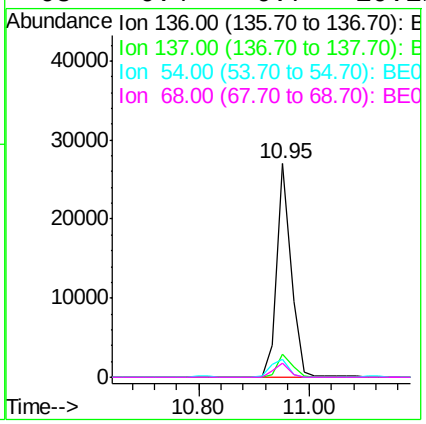


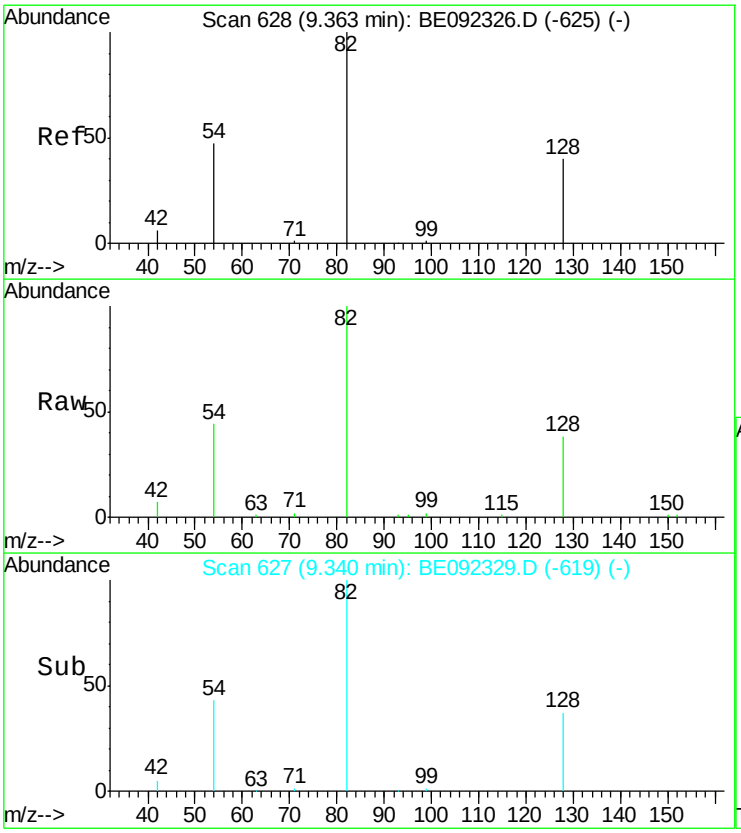
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.95 min Scan# 708
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 47825

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	8.6	9.6	14.4#
68	6.4	6.7	10.1#

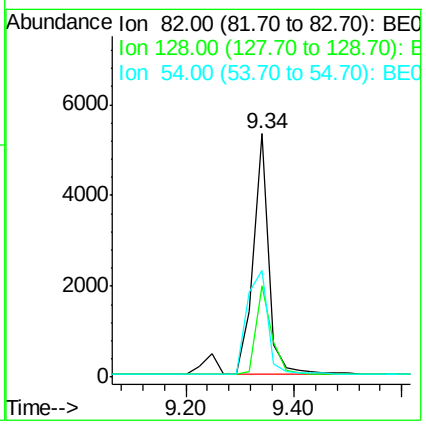


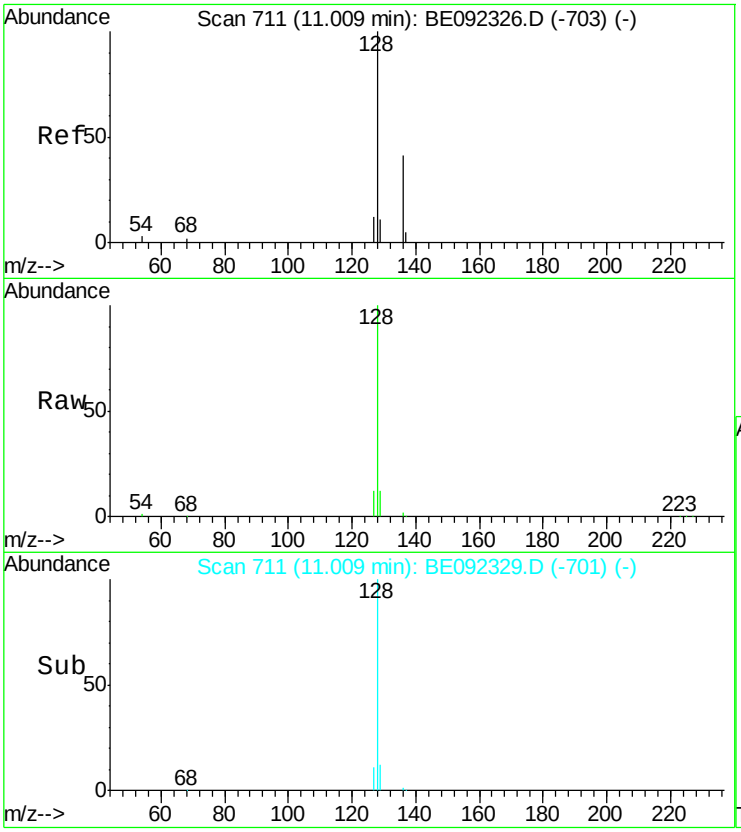


#8
Nitrobenzene-d5
Concen: 3.64 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion: 82 Resp: 11552

Ion	Ratio	Lower	Upper
82	100		
128	37.7	39.0	58.4#
54	43.8	44.8	67.2#



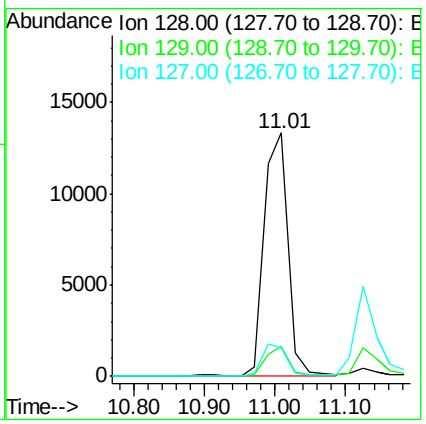


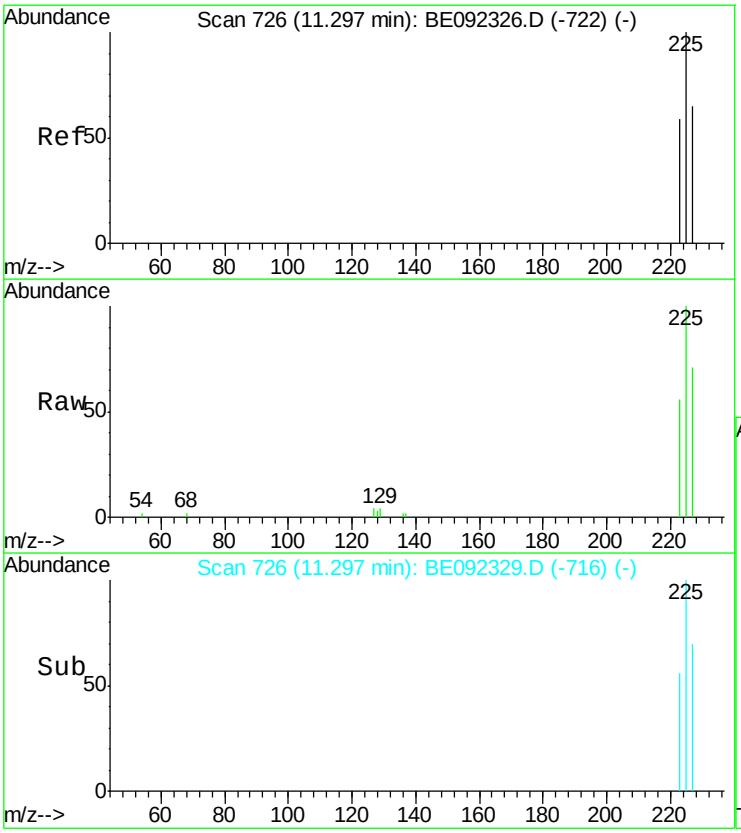
#9
Naphthalene
Concen: 2.93 ng
RT: 11.01 min Scan# 711
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 30963

Ion	Ratio	Lower	Upper
128	100		
129	12.3	11.2	16.8
127	11.6	11.6	17.4#

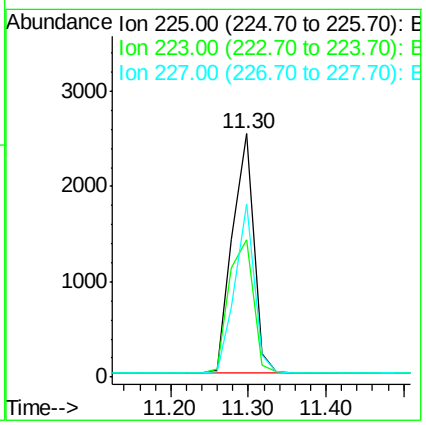


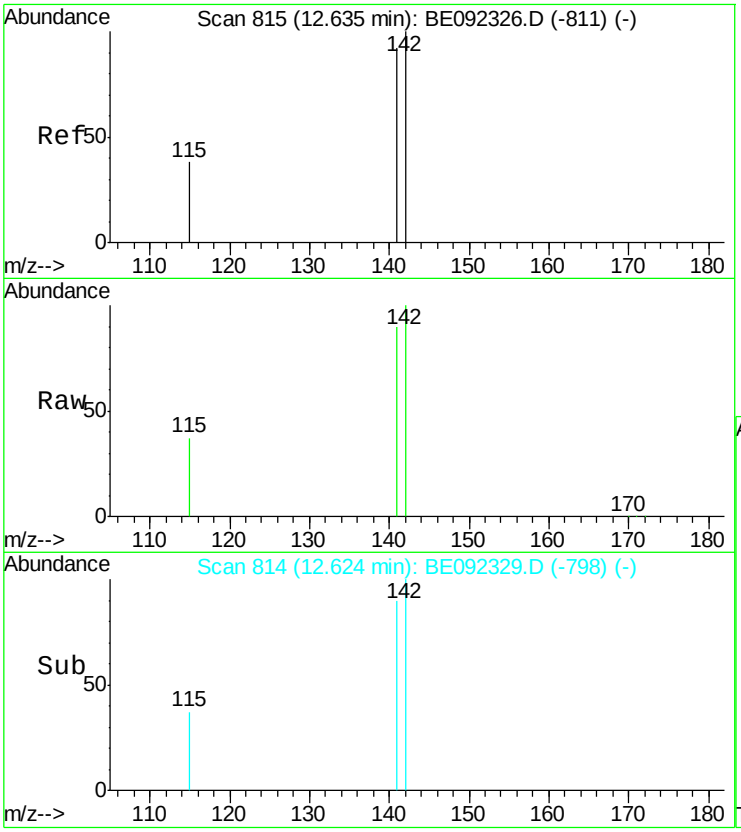


#10
Hexachlorobutadiene
Concen: 2.99 ng
RT: 11.30 min Scan# 726
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:225 Resp: 4806

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	76.0
227	64.1	51.4	77.0



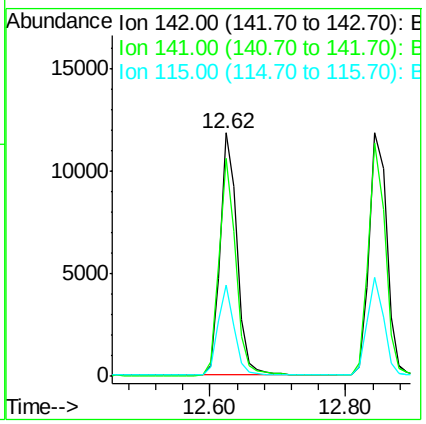


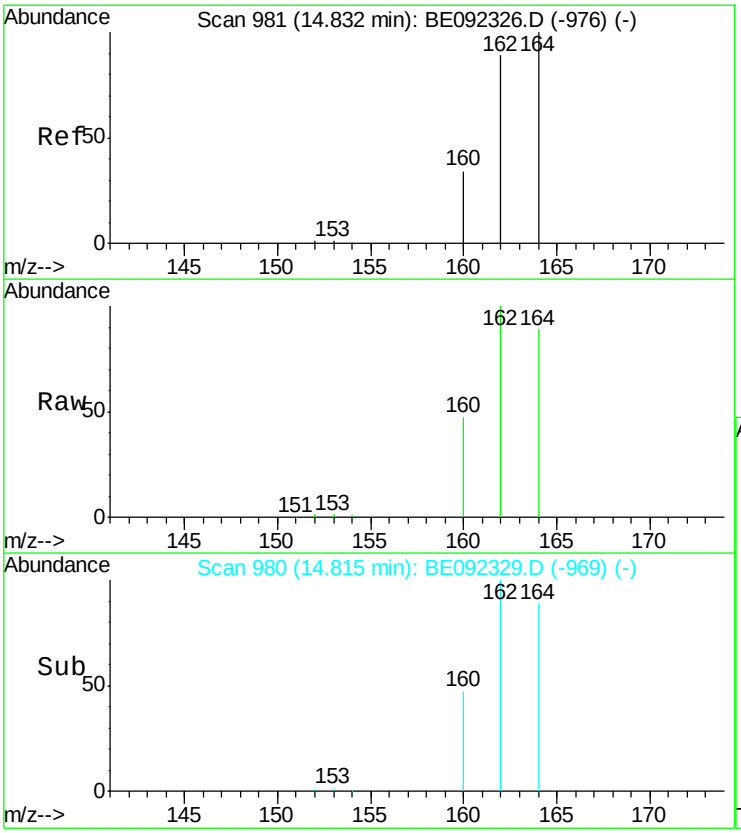
#11
2-Methylnaphthalene
Concen: 3.21 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 21137

Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.7	110.5
115	37.3	34.0	51.0

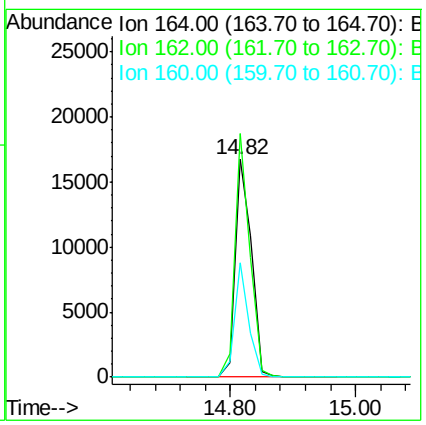


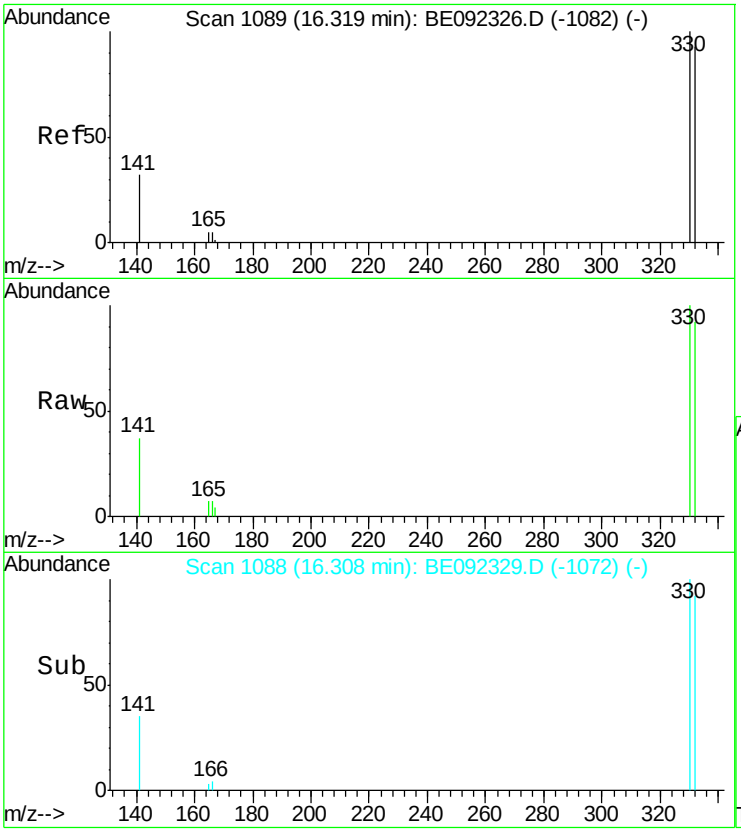


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.82 min Scan# 980
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:164 Resp: 29758

Ion	Ratio	Lower	Upper
164	100		
162	111.8	71.4	107.0#
160	52.6	27.4	41.2#



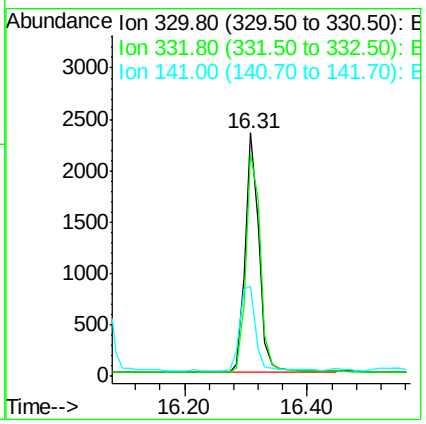


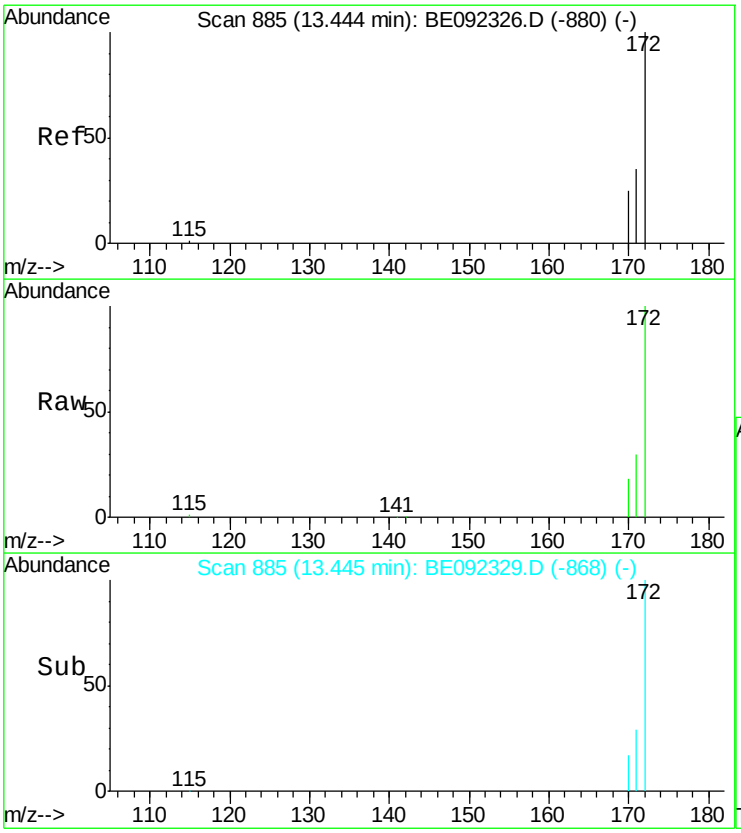
#13
2,4,6-Tribromophenol
Concen: 4.30 ng
RT: 16.31 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 3655

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	40.2	31.0	46.6

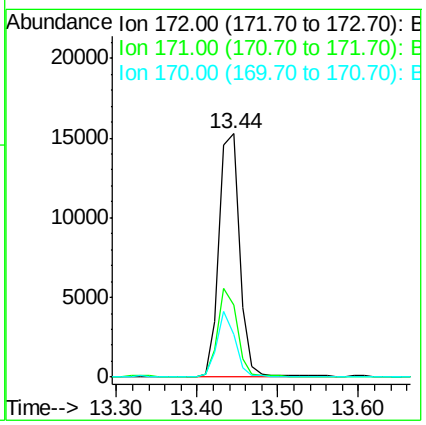


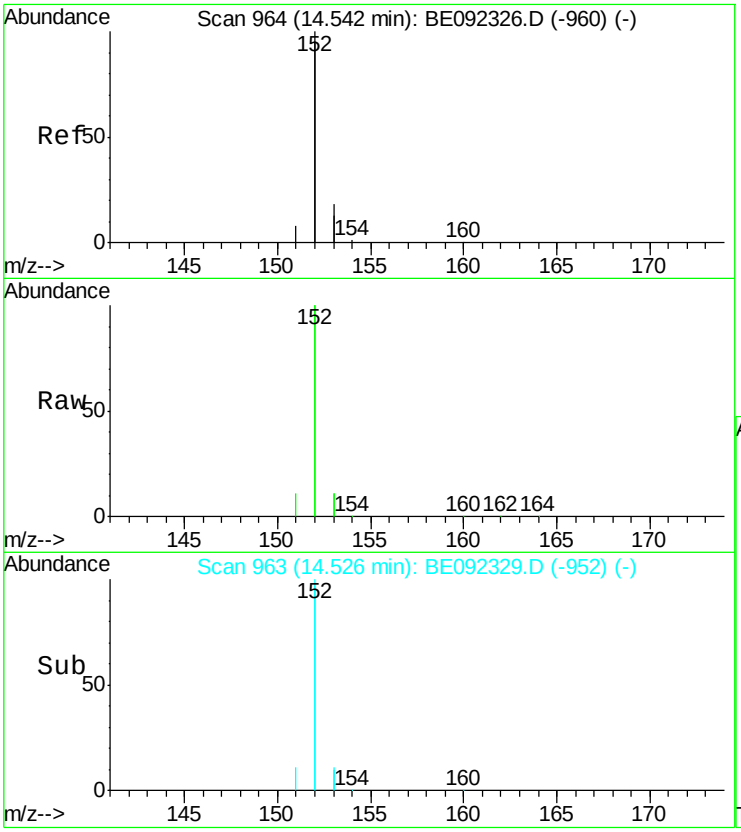


#14
2-Fluorobiphenyl
Concen: 2.91 ng
RT: 13.44 min Scan# 885
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:172 Resp: 26923

Ion	Ratio	Lower	Upper
172	100		
171	29.7	30.1	45.1#
170	17.7	21.8	32.6#



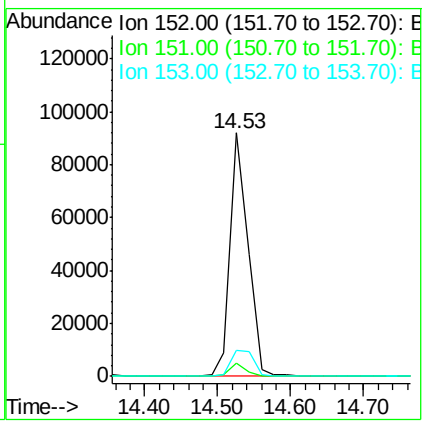


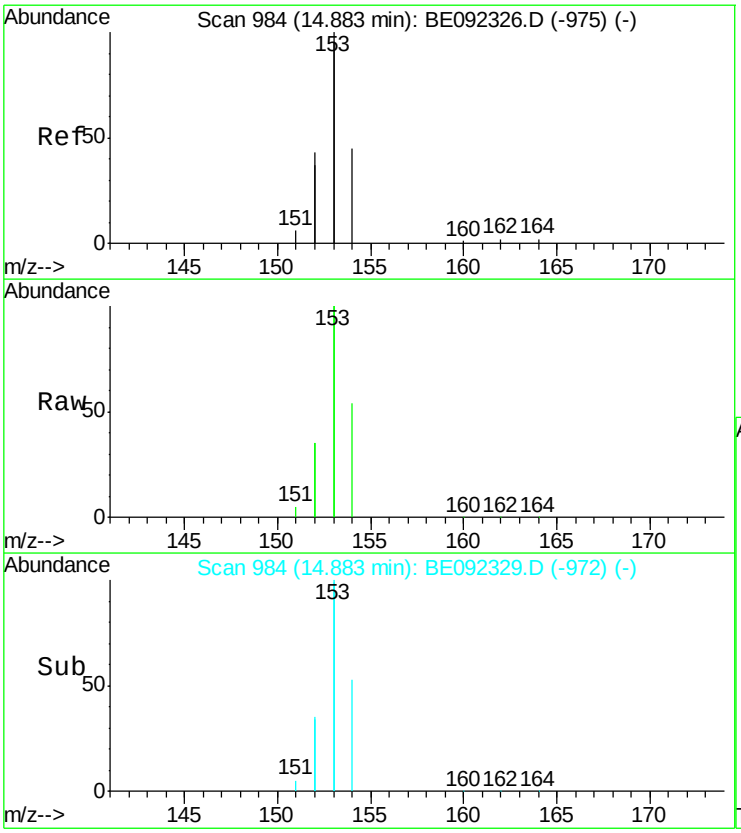
#15
Acenaphthylene
Concen: 3.03 ng
RT: 14.53 min Scan# 963
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 154007

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.1	10.4	15.6

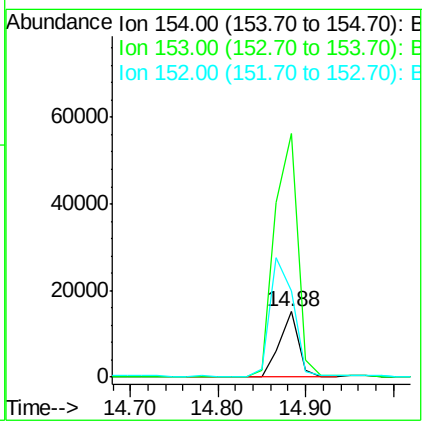


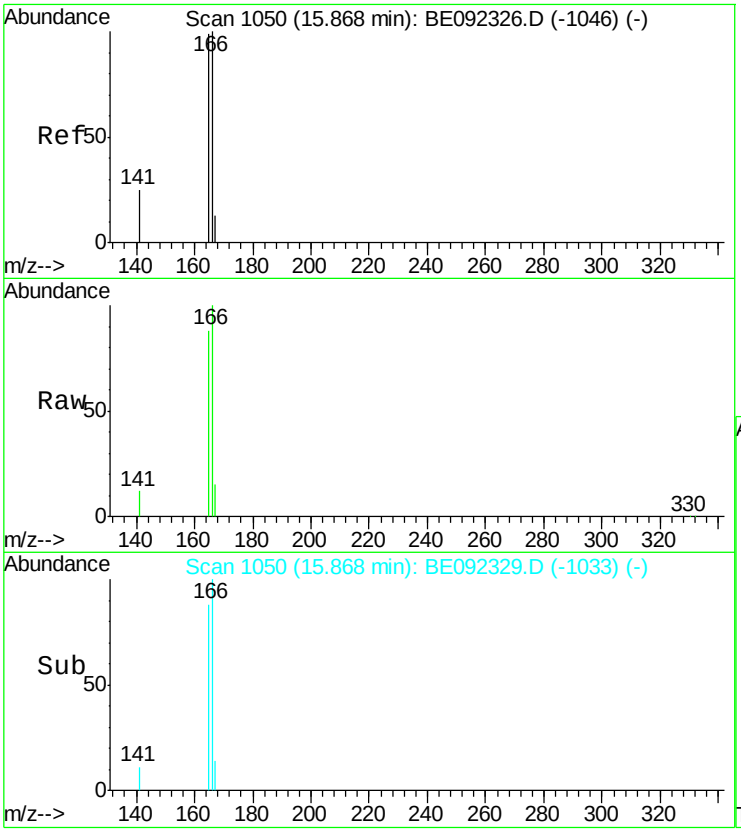


#16
Acenaphthene
Concen: 2.85 ng
RT: 14.88 min Scan# 984
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:154 Resp: 23559

Ion	Ratio	Lower	Upper
154	100		
153	442.0	350.8	526.2
152	216.9	171.1	256.7



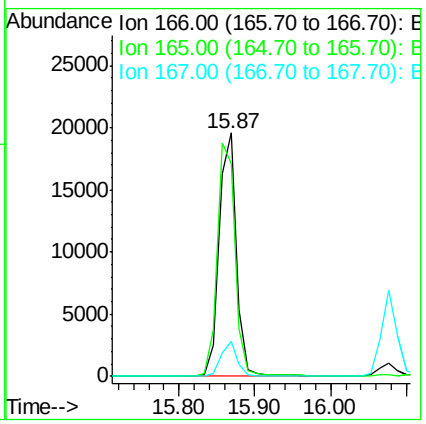


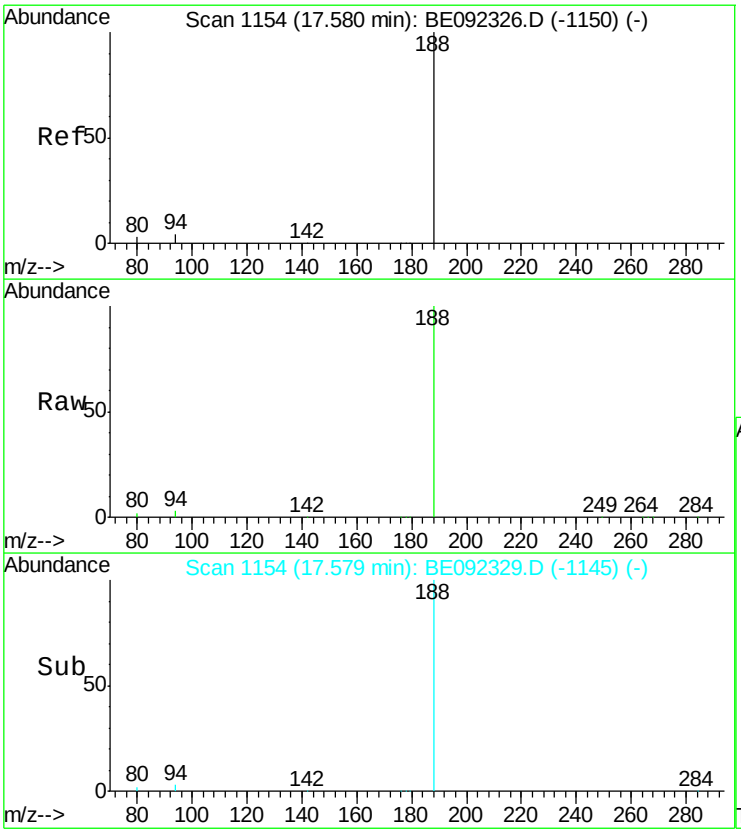
#17
Fluorene
Concen: 3.08 ng
RT: 15.87 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 31069

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.2	117.4
167	13.4	11.0	16.4

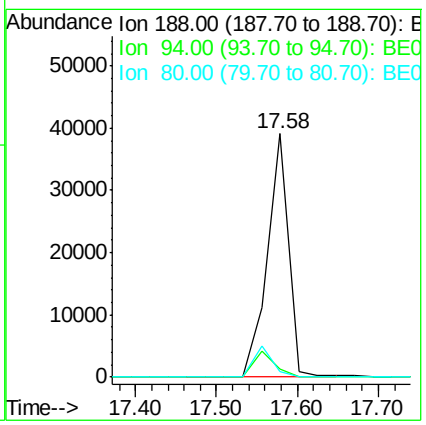


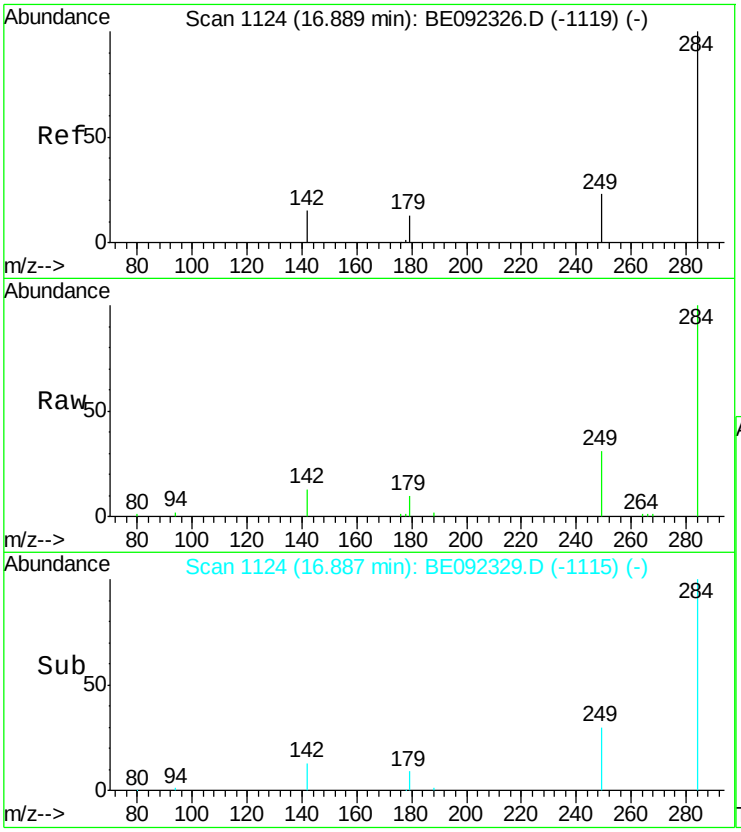


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:188 Resp: 71106

Ion	Ratio	Lower	Upper
188	100		
94	3.2	3.2	4.8
80	2.5	2.6	3.8#



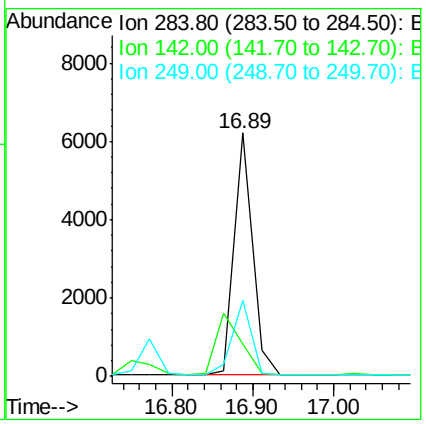


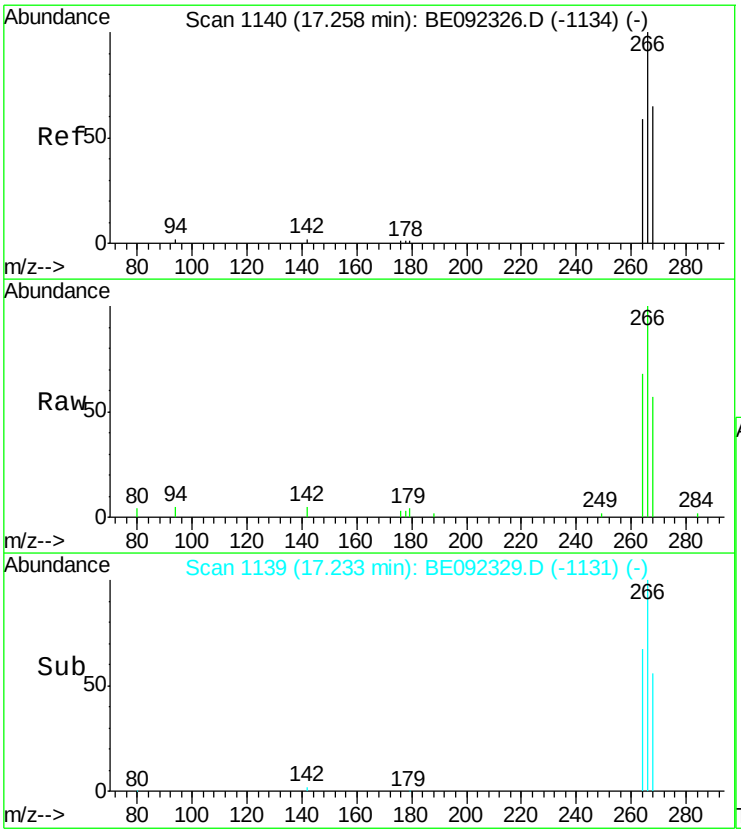
#19
Hexachlorobenzene
Concen: 3.26 ng
RT: 16.89 min Scan# 1124
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 9589

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.1	43.7#
249	31.3	27.9	41.9

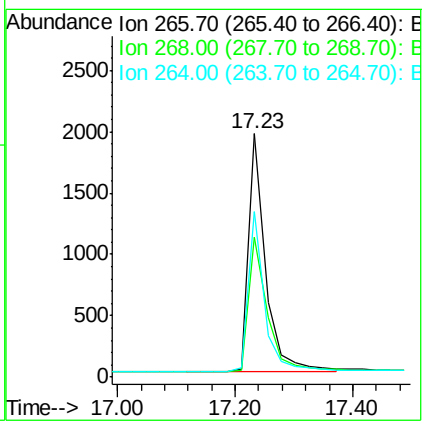


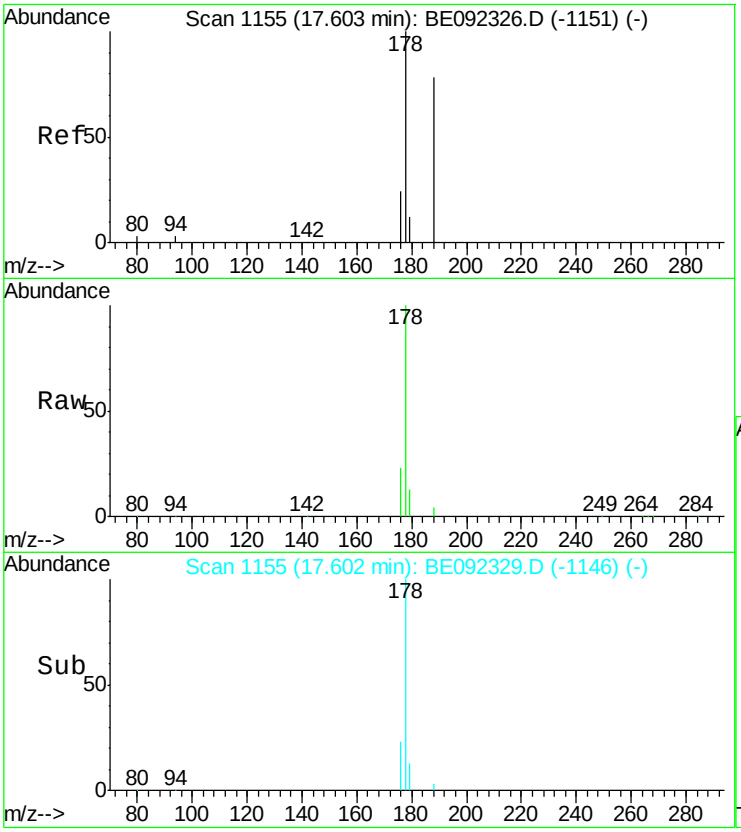


#20
Pentachlorophenol
Concen: 5.31 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:266 Resp: 3930

Ion	Ratio	Lower	Upper
266	100		
268	57.5	62.5	93.7#
264	67.8	57.2	85.8



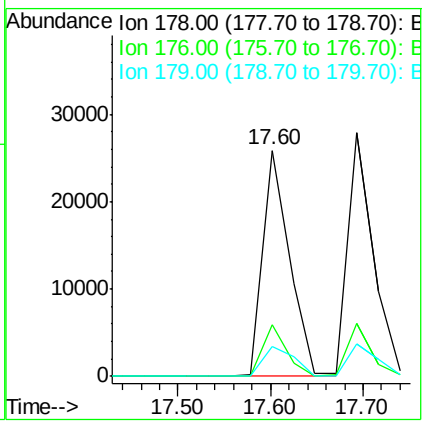


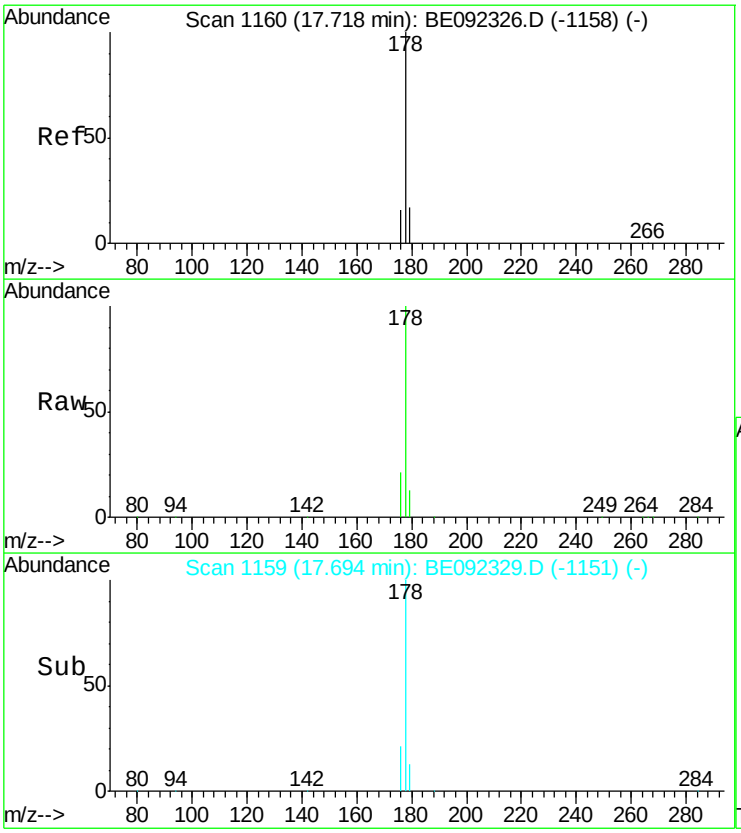
#21
Phenanthrene
Concen: 3.05 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 51297

Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.1	0.0	0.0#

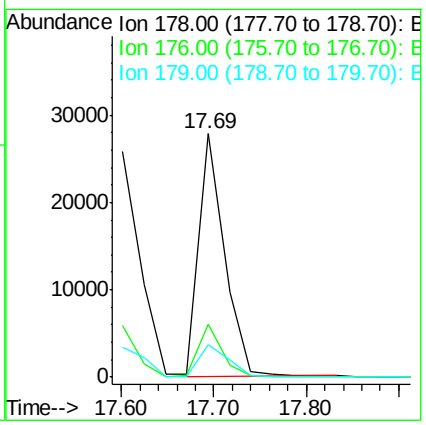


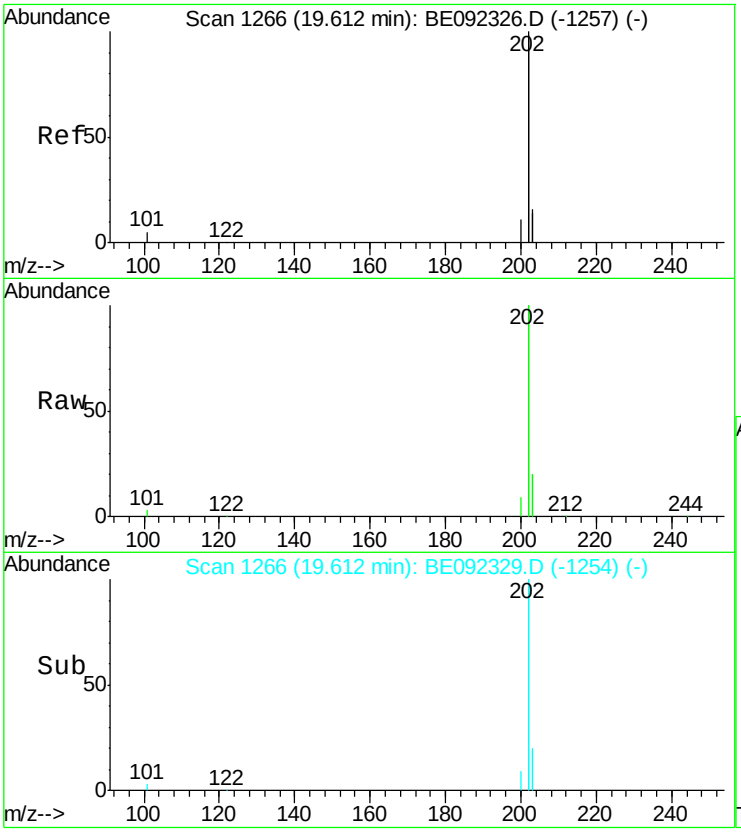


#22
Anthracene
Concen: 3.42 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:178 Resp: 52922

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	14.8	12.2	18.2



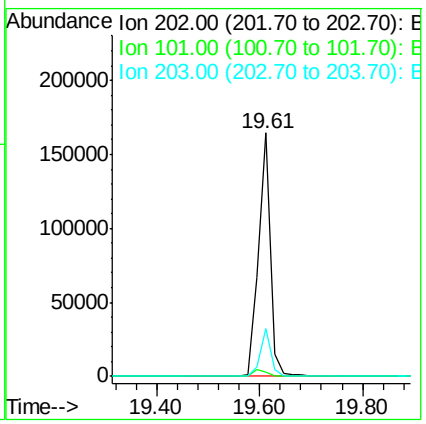


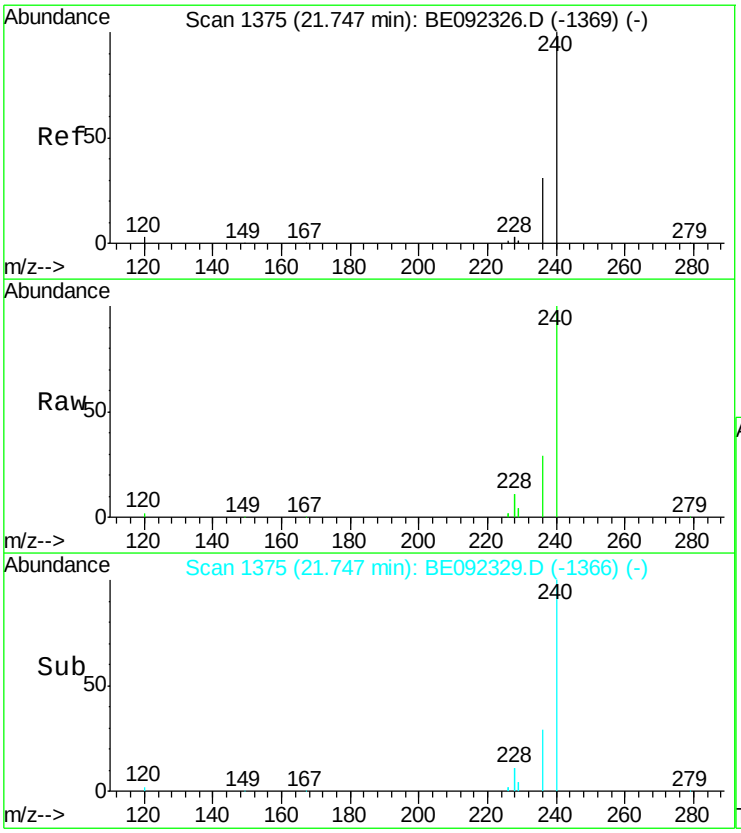
#23
Fluoranthene
Concen: 3.36 ng
RT: 19.61 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 257582

Ion	Ratio	Lower	Upper
202	100		
101	2.9	2.2	3.4
203	17.5	13.7	20.5

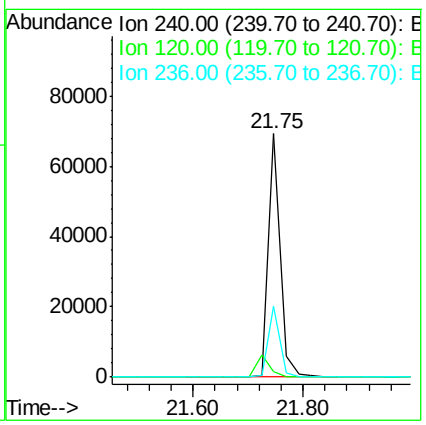


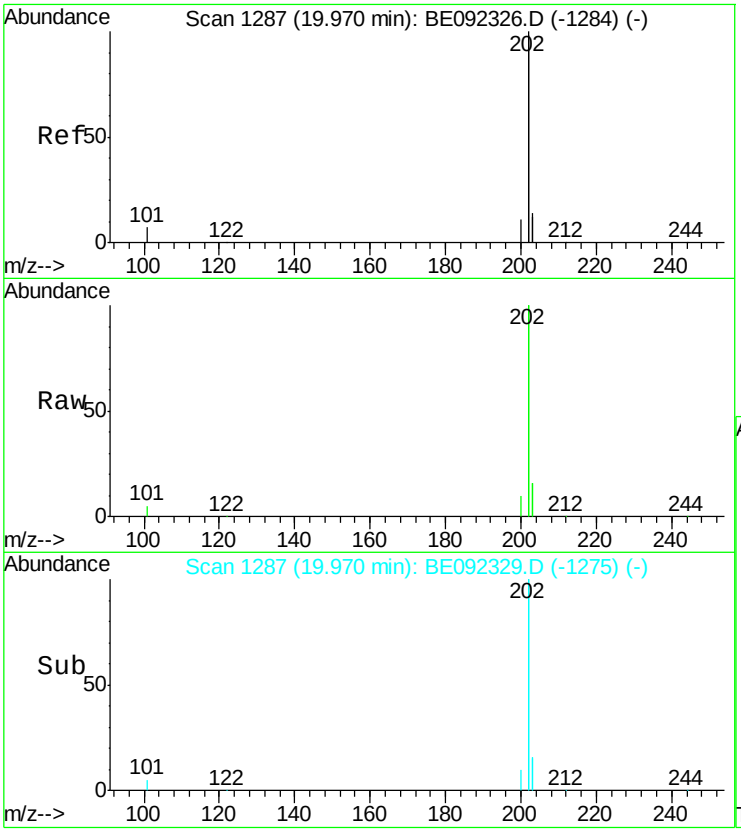


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:240 Resp: 104739

Ion	Ratio	Lower	Upper
240	100		
120	2.2	2.6	4.0#
236	28.8	24.6	37.0



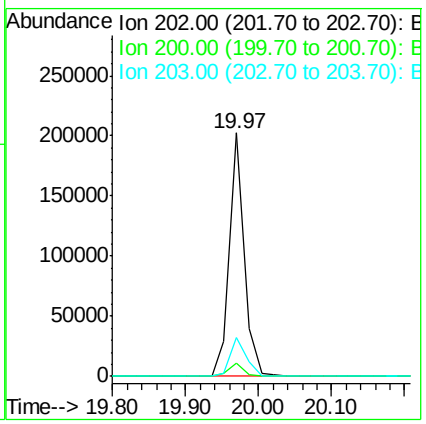


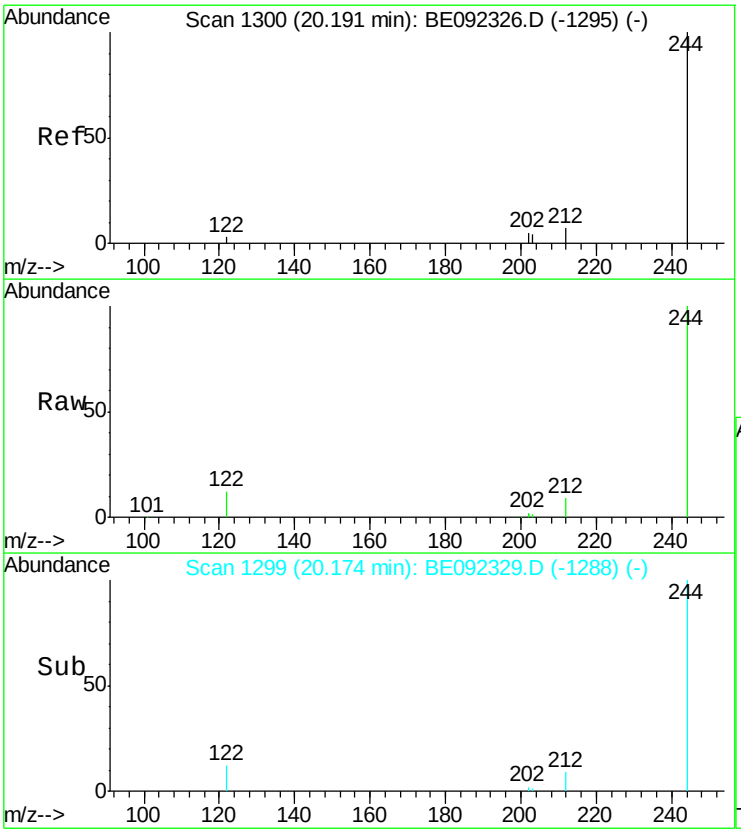
#25
Pyrene
Concen: 2.91 ng
RT: 19.97 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 281551

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.1	13.9	20.9

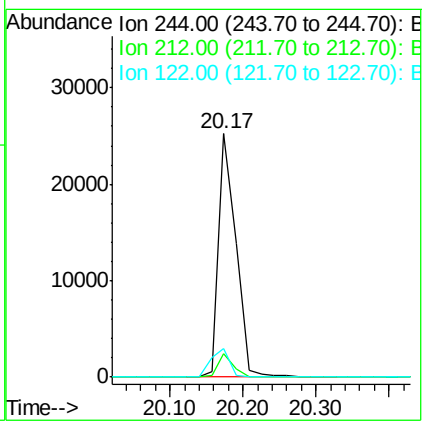


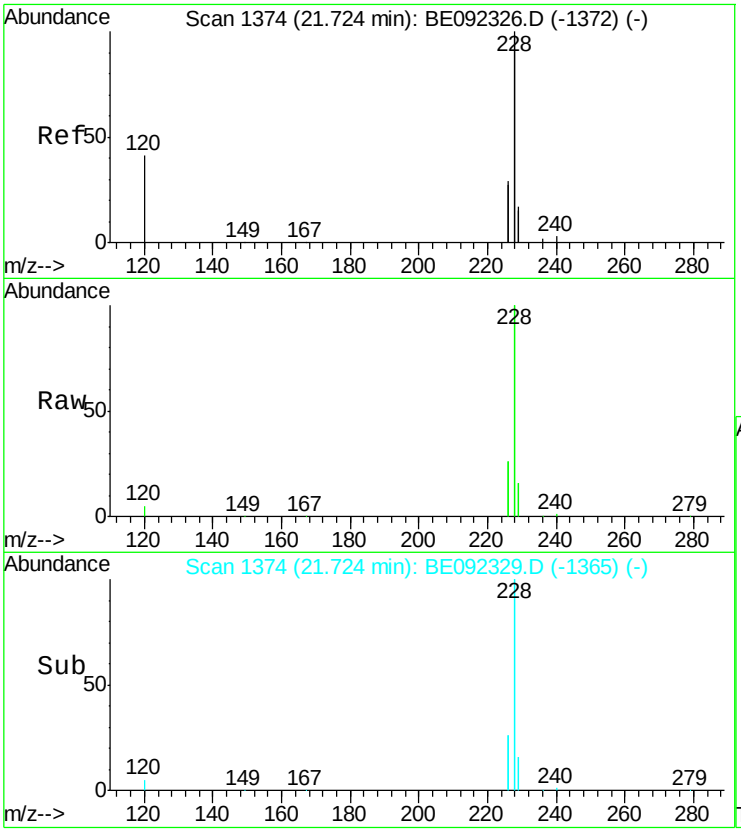


#26
Terphenyl-d14
Concen: 2.95 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:244 Resp: 41701

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.7	10.1
122	11.9	3.6	5.4#



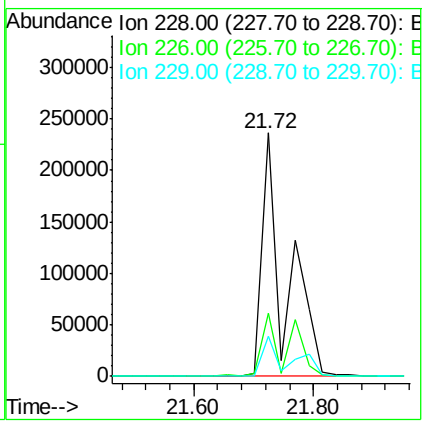


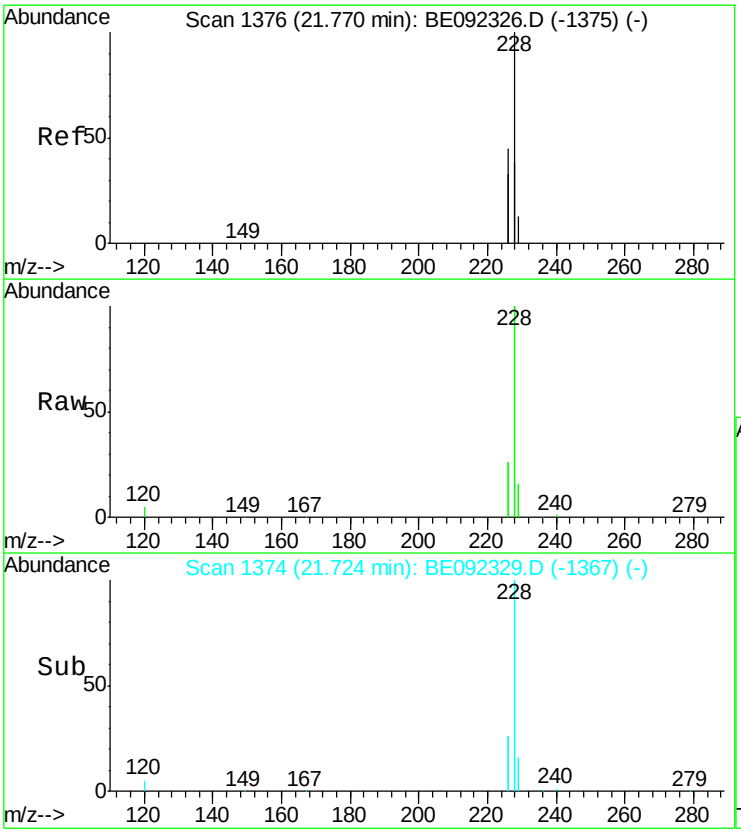
#27
Benzo(a)anthracene
Concen: 5.63 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 620955

Ion	Ratio	Lower	Upper
228	100		
226	25.9	23.6	35.4
229	16.5	13.3	19.9

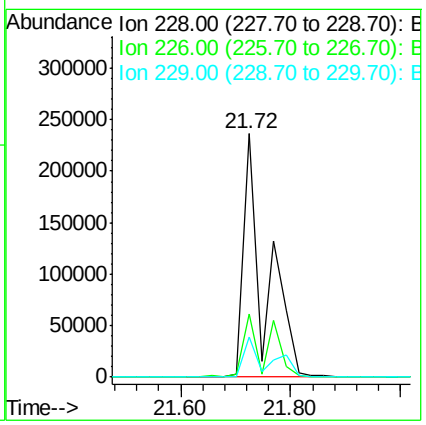


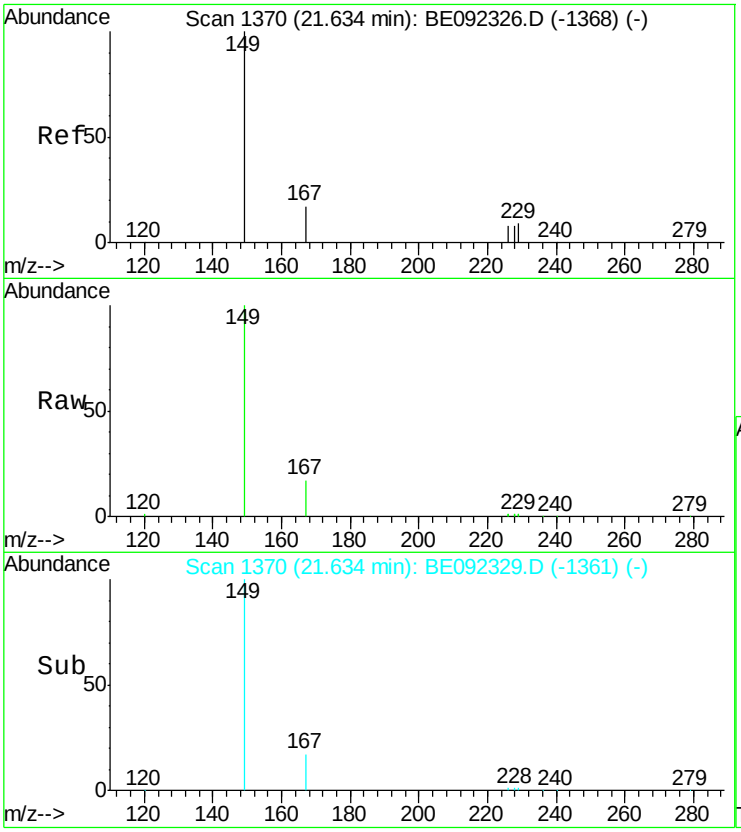


#28
Chrysene
Concen: 6.39 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.05 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:228 Resp: 623617

Ion	Ratio	Lower	Upper
228	100		
226	25.9	36.3	54.5#
229	16.5	10.6	16.0#



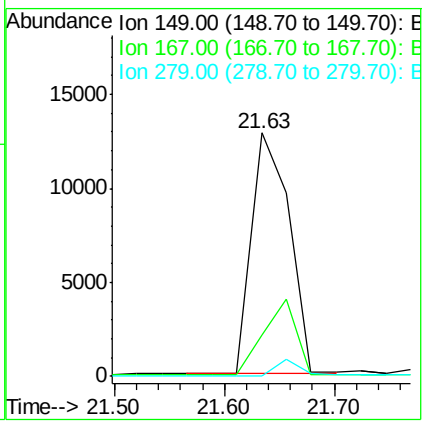


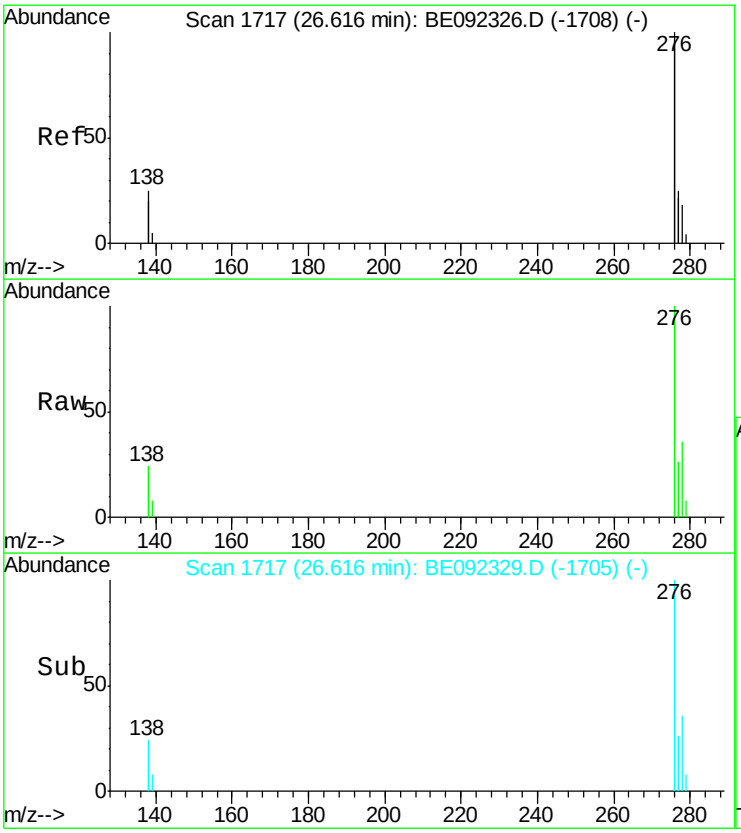
#29
Bis(2-ethylhexyl)phthalate
Concen: 4.10 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 30769

Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

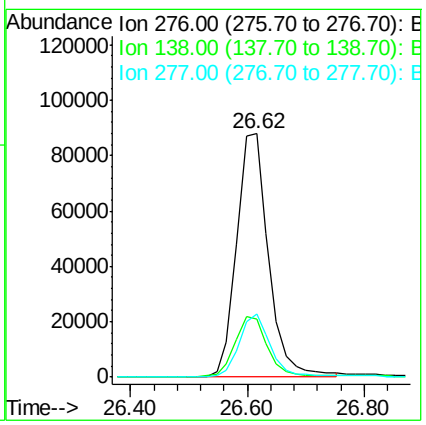


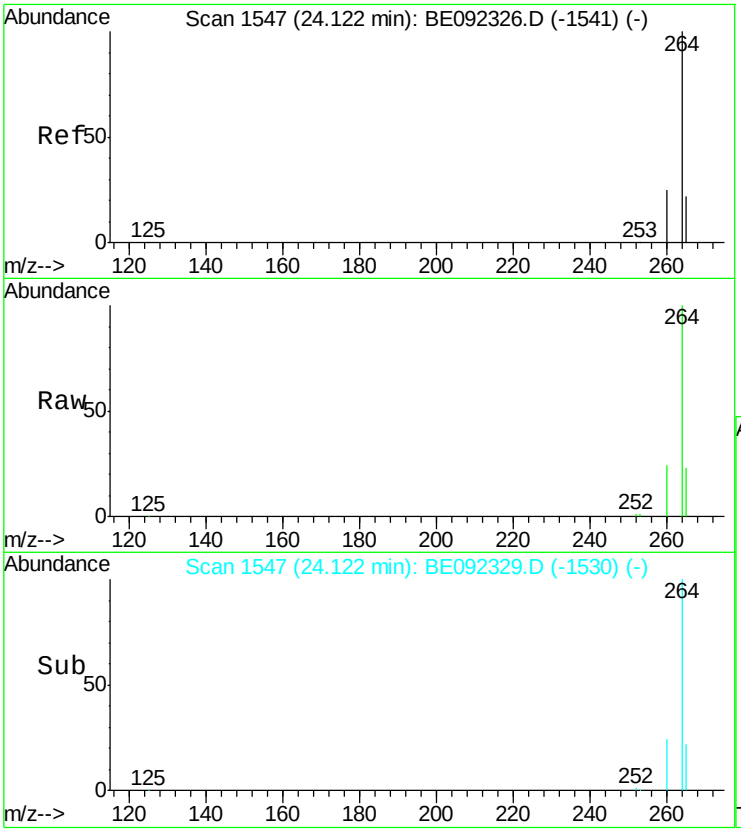


#30
Indeno(1,2,3-cd)pyrene
Concen: 3.25 ng
RT: 26.62 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:276 Resp: 332477

Ion	Ratio	Lower	Upper
276	100		
138	25.1	20.3	30.5
277	24.7	19.7	29.5



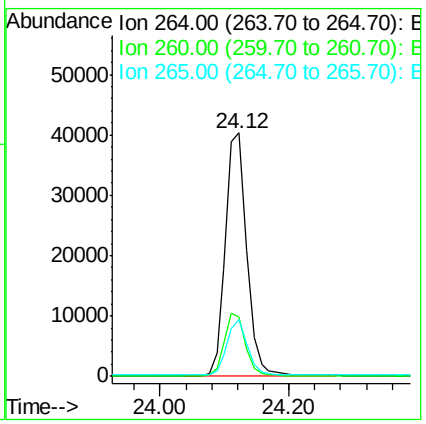


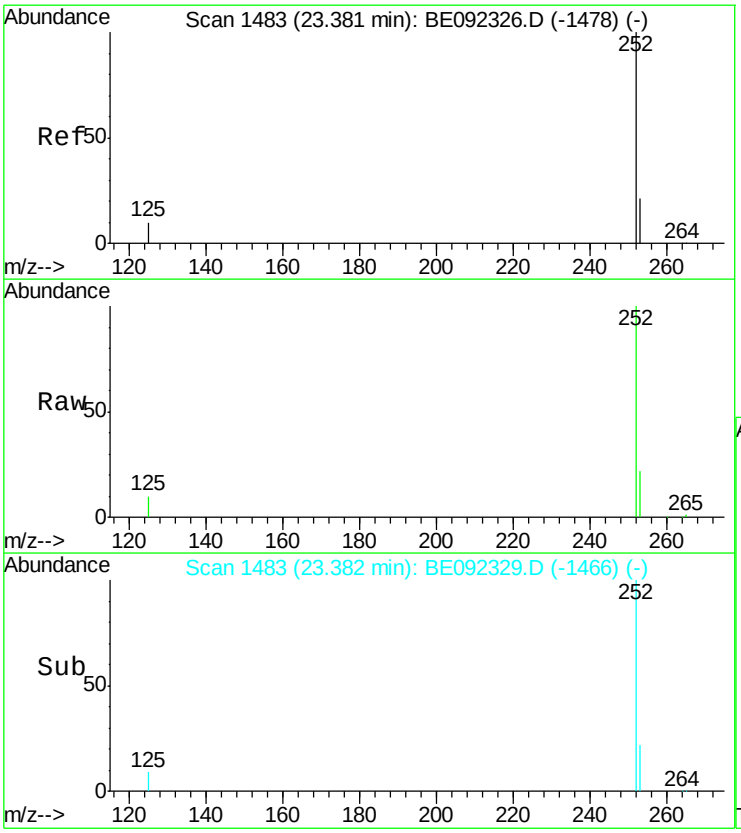
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.12 min Scan# 1547
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 92786

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.1	30.1
265	23.1	17.9	26.9

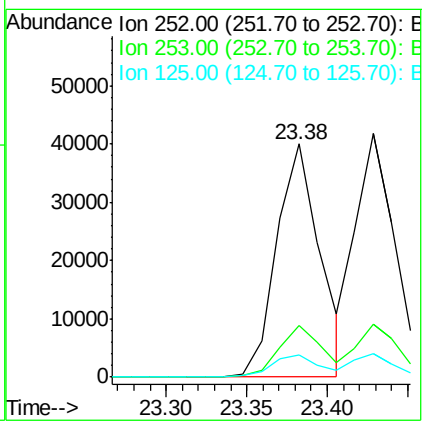


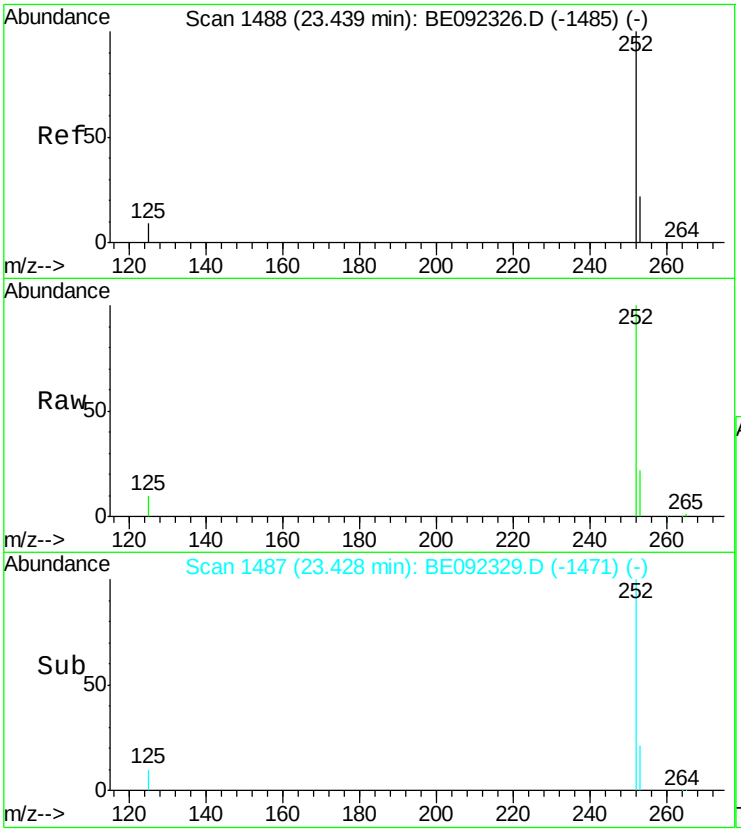


#32
Benzo(b)fluoranthene
Concen: 3.41 ng
RT: 23.38 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:252 Resp: 74725

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.7	28.1
125	9.7	10.5	15.7#



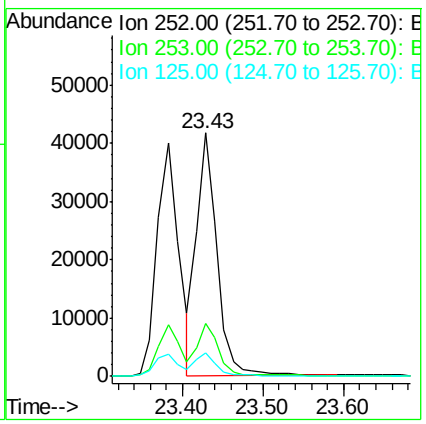


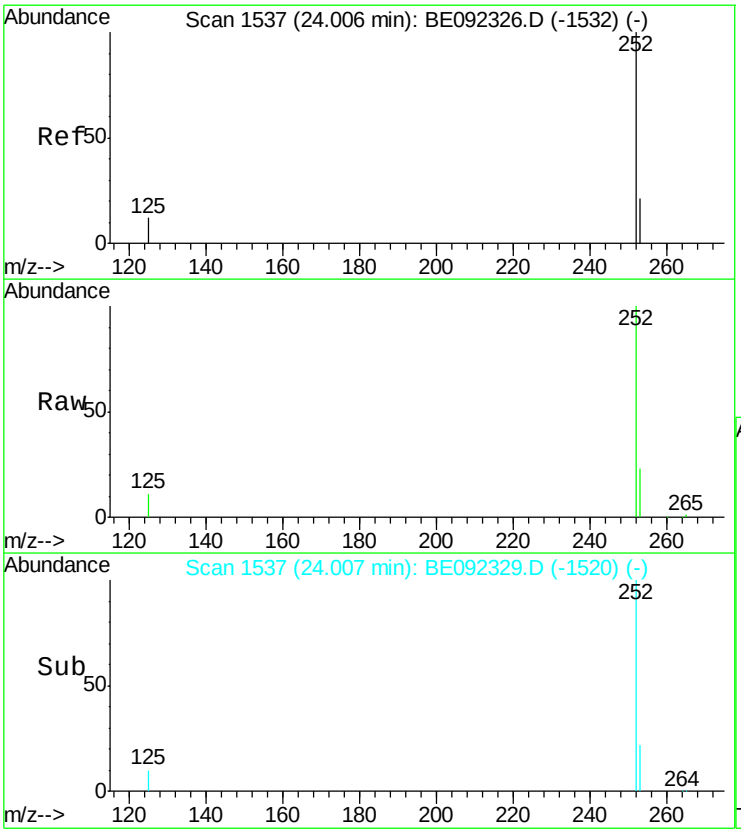
#33
Benzo(k)fluoranthene
Concen: 2.95 ng
RT: 23.43 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 73782

Ion	Ratio	Lower	Upper
252	100		
253	21.5	20.3	30.5
125	9.8	9.6	14.4

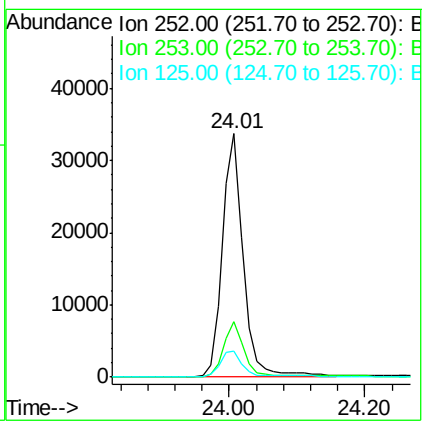


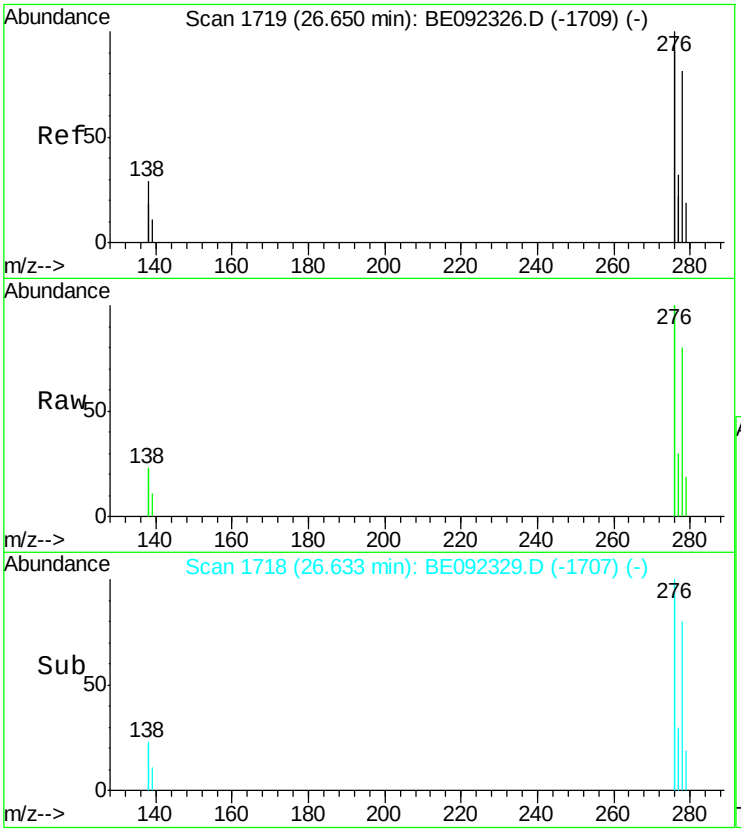


#34
Benzo(a)pyrene
Concen: 3.25 ng
RT: 24.01 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:252 Resp: 72114

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.0	28.6
125	10.6	11.8	17.8#



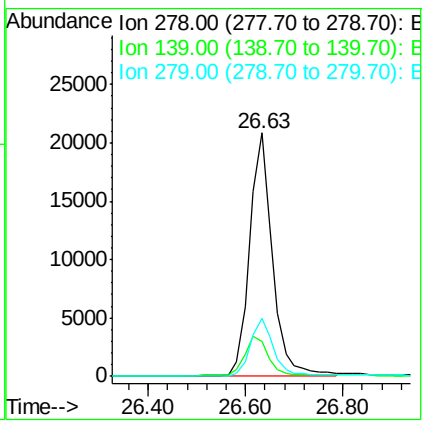


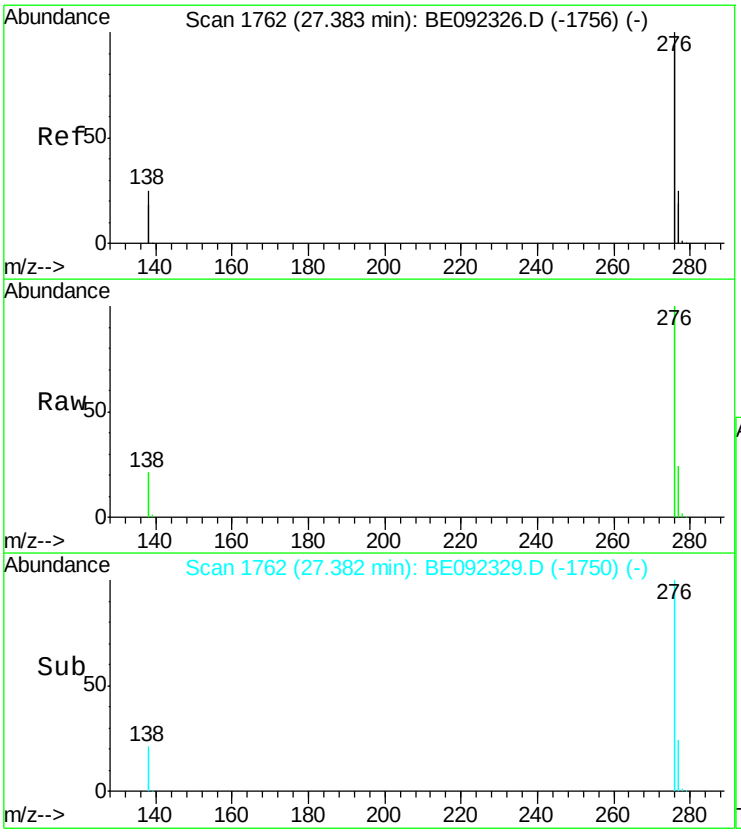
#35
Dibenzo(a,h)anthracene
Concen: 3.45 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 68088

Ion	Ratio	Lower	Upper
278	100		
139	14.3	13.8	20.8
279	23.7	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 27.38 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BE092329.D
Acq: 1 Sep 2016 15:20

Tgt Ion:276 Resp: 278471

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	20.7	19.8	29.6