Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092239.D
Acq On : 9 Aug 2016 21:50
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC3.2

Quant Time: Aug 10 04:44:35 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	12637	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	59601	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	33568	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	78373	5.00	ng		0.00
24) Chrysene-d12	21.75	240	73187	5.00	ng		0.00
31) Perylene-d12	24.13	264	77242	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.69	112	8733	3.16	ng		-0.01
5) Phenol-d6	7.34	99	13182	3.32	ng		-0.02
8) Nitrobenzene-d5	9.34	82	12971	3.08	ng		-0.02
13) 2,4,6-Tribromophenol	16.32	330	3486	3.47	ng		-0.01
14) 2-Fluorobiphenyl	13.46	172	31023	2.99	ng		-0.01
26) Terphenyl-d14	20.19	244	38571	3.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	4403	2.73	ng		93
3) n-Nitrosodimethylamine	3.78	42	6648	3.40	ng		99
6) bis(2-Chloroethyl)ether	7.59	93	10524	3.27	ng	#	33
9) Naphthalene	11.01	128	39043	2.92	ng	#	94
10) Hexachlorobutadiene	11.30	225	5619	2.91	ng		98
11) 2-Methylnaphthalene	12.65	142	25357	3.04	ng	#	90
15) Acenaphthylene	14.54	152	175318	3.02	ng		99
16) Acenaphthene	14.90	154	26483	2.84	ng		97
17) Fluorene	15.88	166	33701	2.99	ng		99
19) Hexachlorobenzene	16.89	284	8635	2.78	ng	#	100
20) Pentachlorophenol	17.24	266	3093	3.74	ng	#	80
21) Phenanthrene	17.60	178	58130	2.87	ng		100
22) Anthracene	17.70	178	55262	3.01	ng		98
23) Fluoranthene	19.61	202	245594	3.05	ng		99
25) Pyrene	19.99	202	265901	3.07	ng		100
27) Benzo(a)anthracene	21.70	228	262962	2.99	ng	#	60
28) Chrysene	21.70	228	262924	3.23	ng	#	67
29) Bis(2-ethylhexyl)phthalate	21.64	149	42353	3.76	ng	#	99
30) Indeno(1,2,3-cd)pyrene	26.63	276	275682	3.15	ng		100
32) Benzo(b)fluoranthene	23.44	252	61350	3.02	ng		95
33) Benzo(k)fluoranthene	23.44	252	62361	2.97	ng	#	95
34) Benzo(a)pyrene	24.02	252	58395	3.05	ng	#	93
35) Dibenzo(a,h)anthracene	26.65	278	55981	3.15	ng		94
36) Benzo(g,h,i)perylene	27.40	276	232216	3.03	ng		95

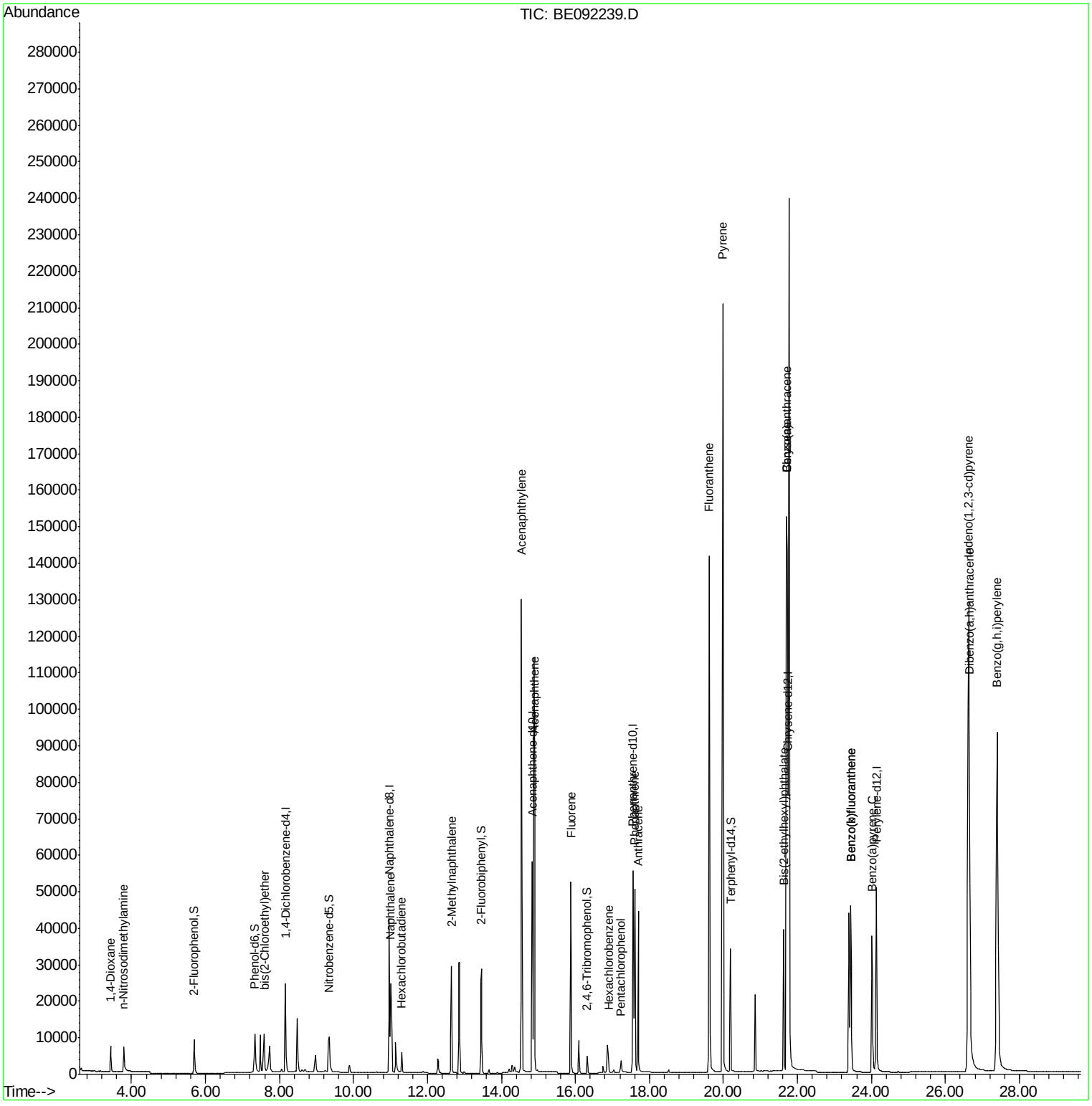
(#) = qualifier out of range (m) = manual integration (+) = signals summed

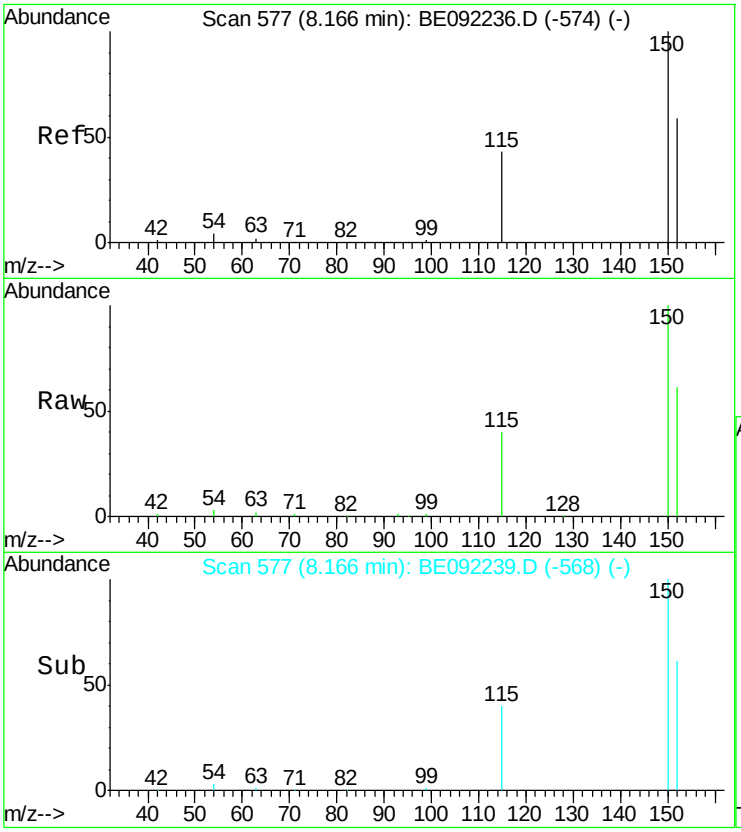
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092239.D
Acq On : 9 Aug 2016 21:50
Operator : UM/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 10 04:44:35 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



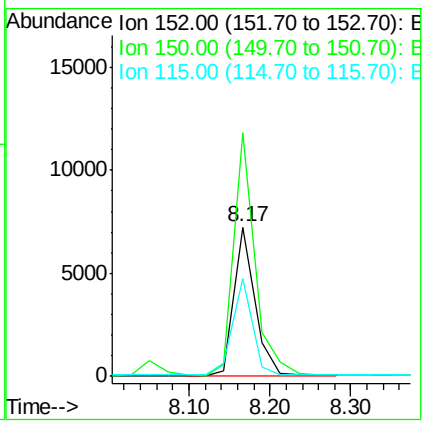


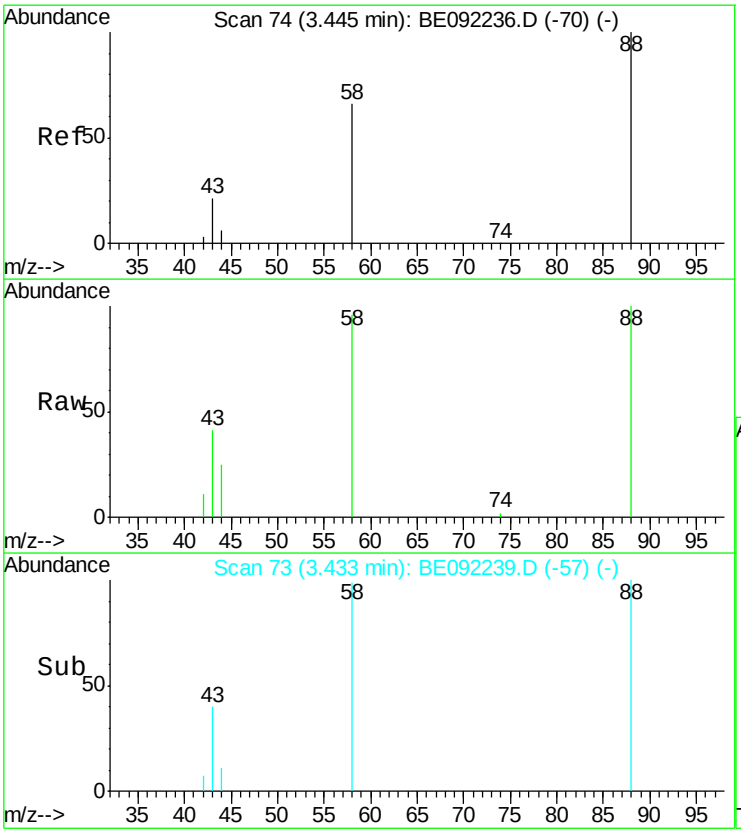
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 12637

Ion	Ratio	Lower	Upper
152	100		
150	163.4	135.6	203.4
115	65.9	59.4	89.0

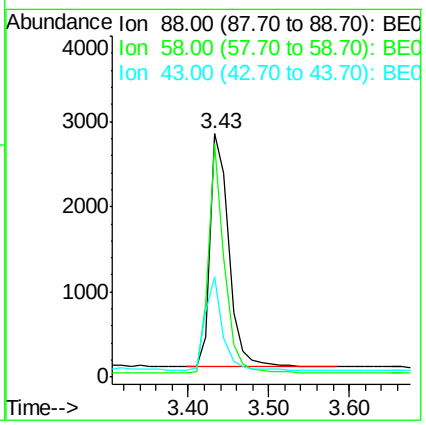


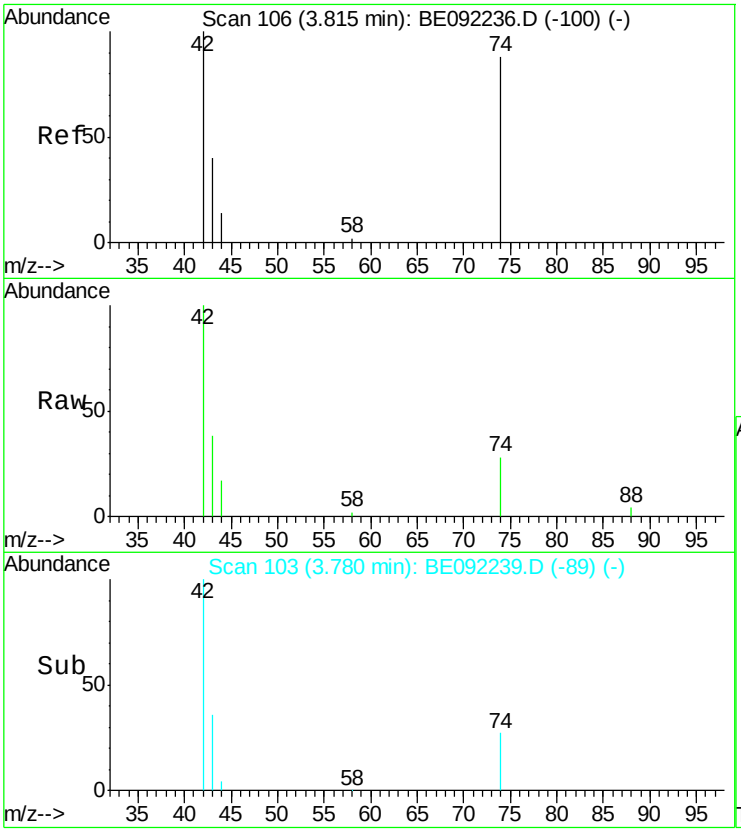


#2
1,4-Dioxane
Concen: 2.73 ng
RT: 3.43 min Scan# 73
Delta R.T. -0.01 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion: 88 Resp: 4403

Ion	Ratio	Lower	Upper
88	100		
58	86.1	64.4	96.6
43	37.2	33.4	50.2



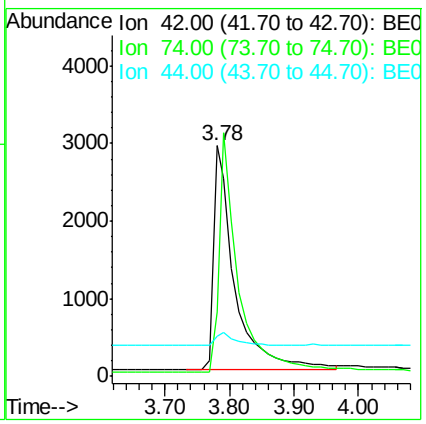


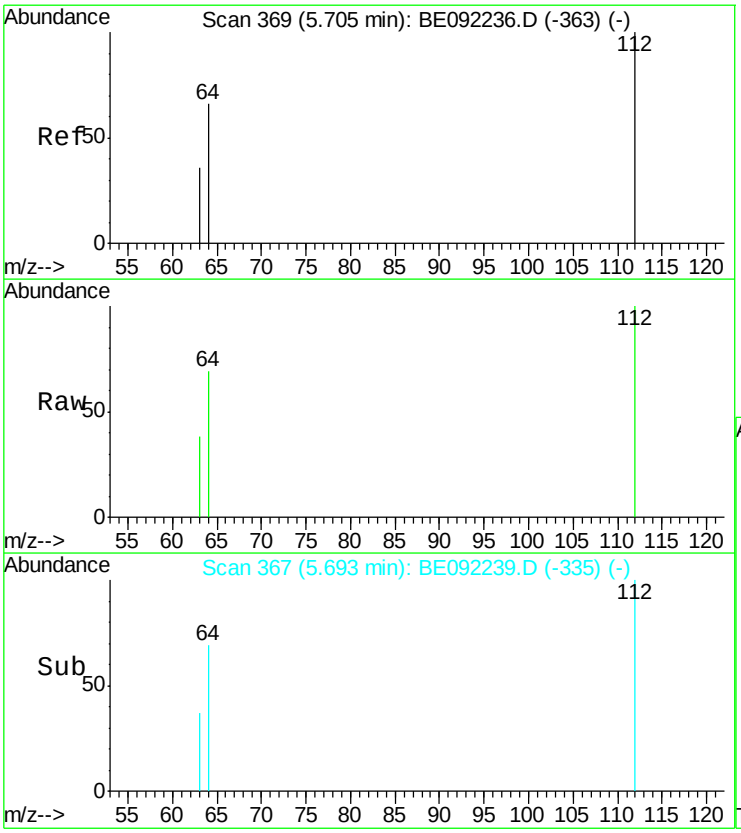
#3
n-Nitrosodimethylamine
Concen: 3.40 ng
RT: 3.78 min Scan# 103
Delta R.T. -0.03 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 6648

Ion	Ratio	Lower	Upper
42	100		
74	97.4	77.2	115.8
44	6.0	5.0	7.4

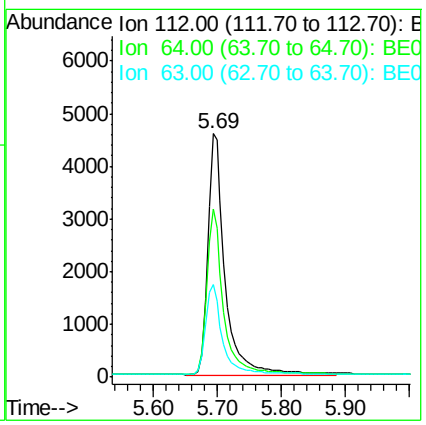


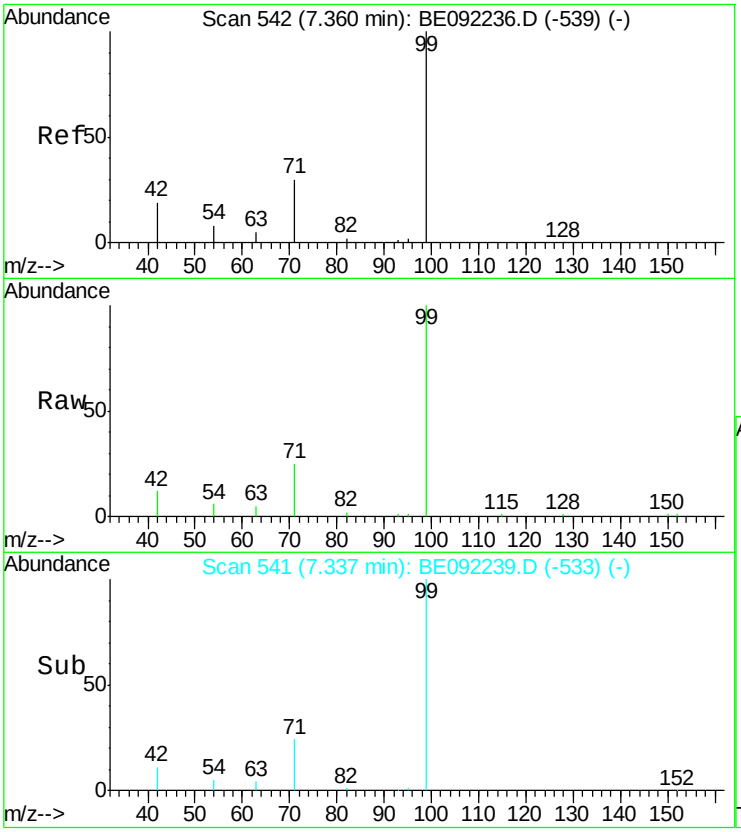


#4
2-Fluorophenol
Concen: 3.16 ng
RT: 5.69 min Scan# 367
Delta R.T. -0.01 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:112 Resp: 8733

Ion	Ratio	Lower	Upper
112	100		
64	66.8	53.2	79.8
63	36.6	27.4	41.2



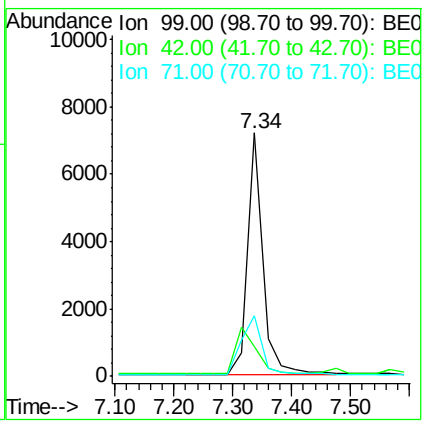


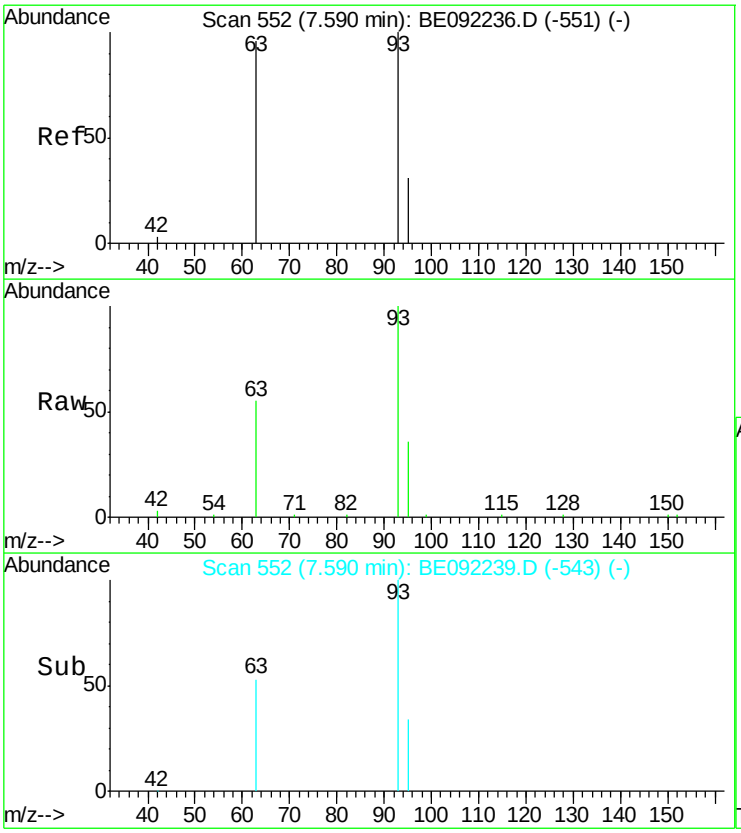
#5
Phenol-d6
Concen: 3.32 ng
RT: 7.34 min Scan# 541
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 13182

Ion	Ratio	Lower	Upper
99	100		
42	0.0	0.0	0.0
71	33.3	29.8	44.8

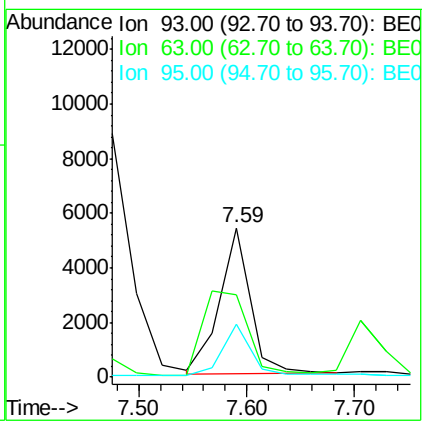


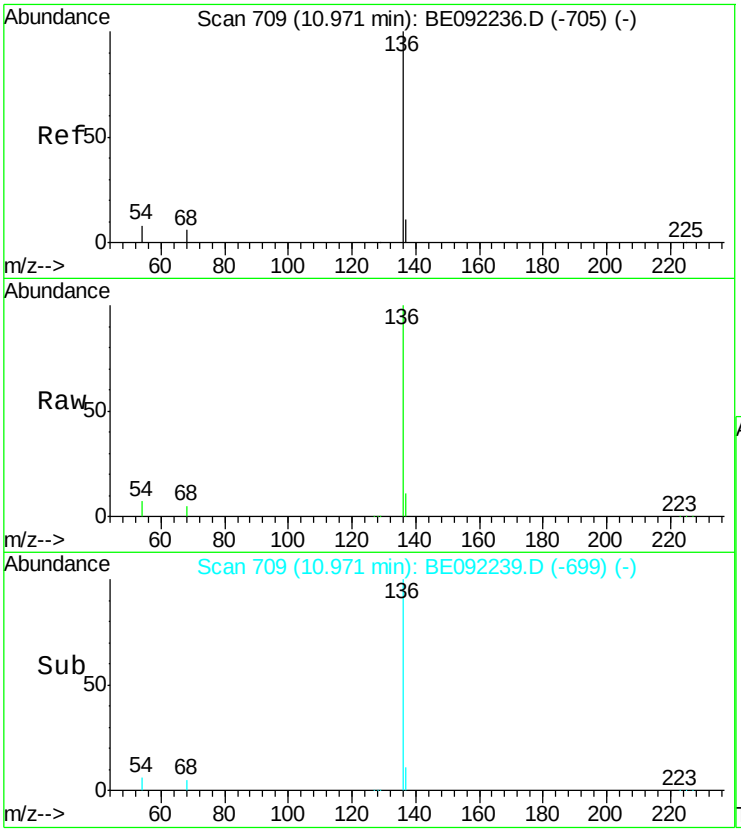


#6
bis(2-Chloroethyl)ether
Concen: 3.27 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion: 93 Resp: 10524

Ion	Ratio	Lower	Upper
93	100		
63	0.0	68.5	102.7#
95	34.1	27.2	40.8



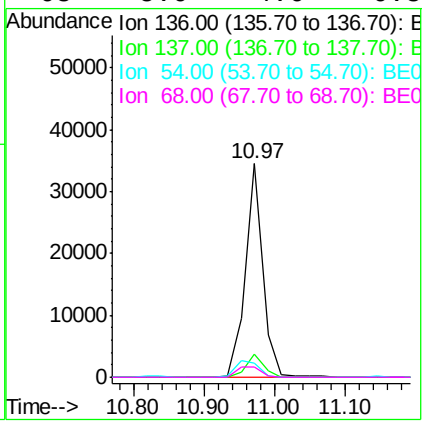


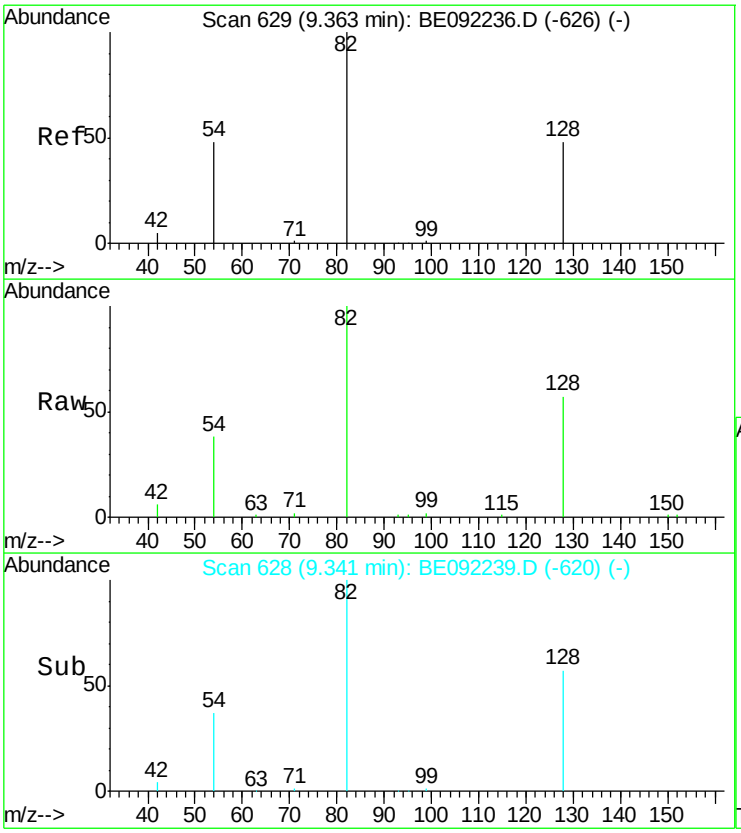
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 59601

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.6	6.2	9.4
68	5.0	4.6	6.8

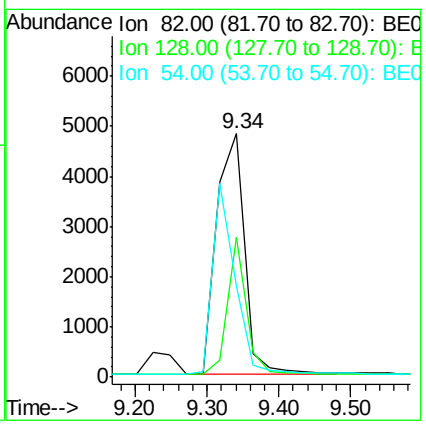


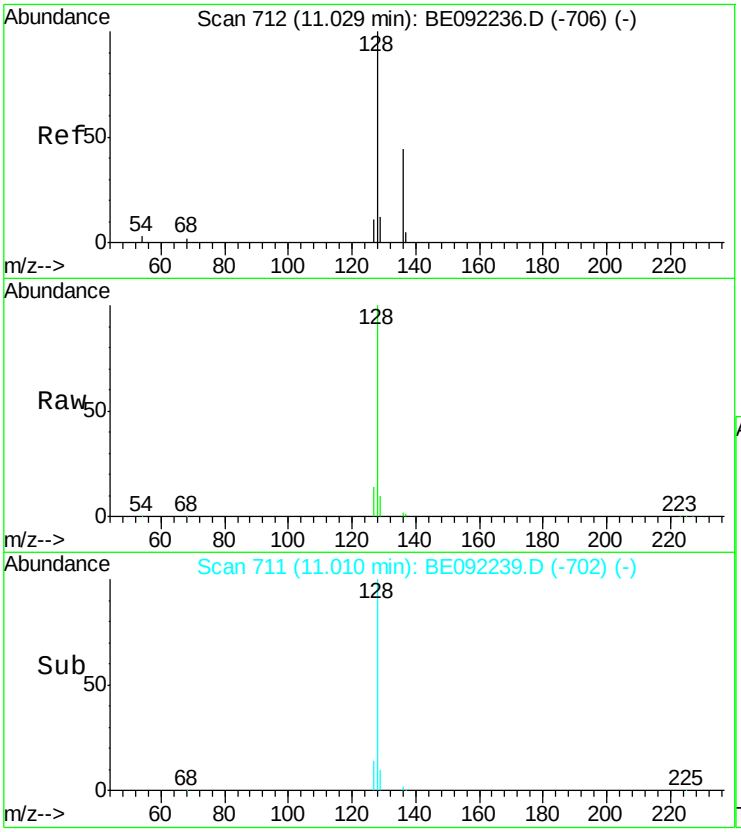


#8
Nitrobenzene-d5
Concen: 3.08 ng
RT: 9.34 min Scan# 628
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion: 82 Resp: 12971

Ion	Ratio	Lower	Upper
82	100		
128	57.3	45.0	67.4
54	37.6	45.4	68.2#



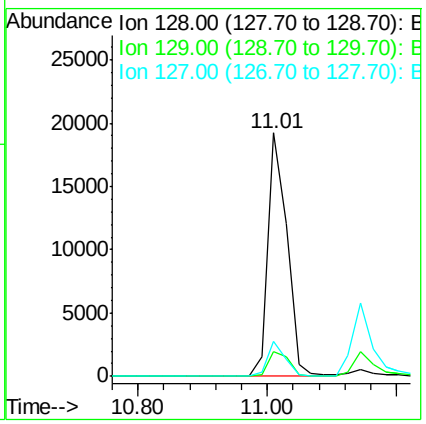


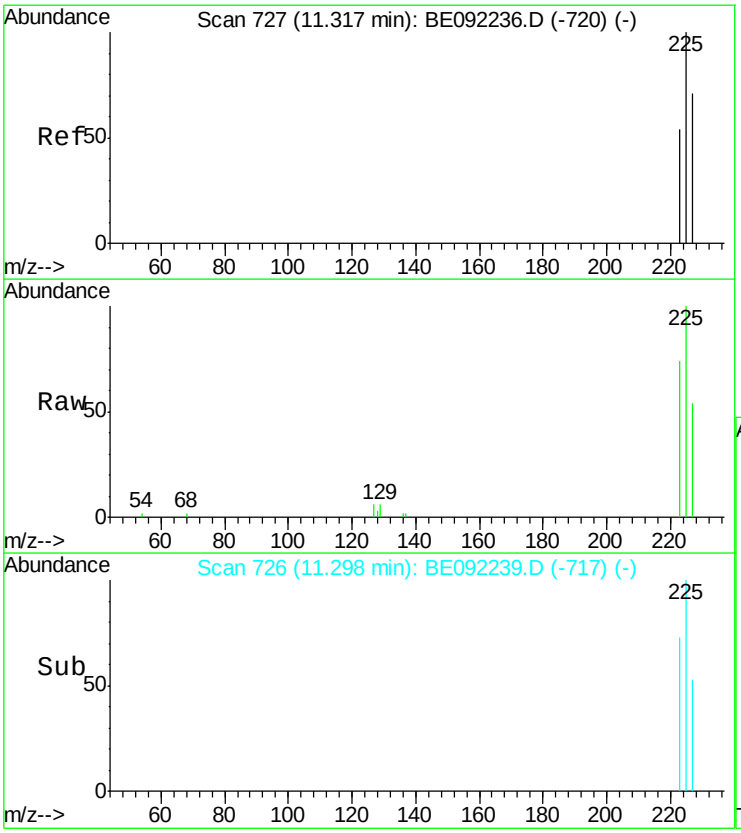
#9
Naphthalene
Concen: 2.92 ng
RT: 11.01 min Scan# 711
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 39043

Ion	Ratio	Lower	Upper
128	100		
129	10.3	11.5	17.3#
127	14.3	11.0	16.6

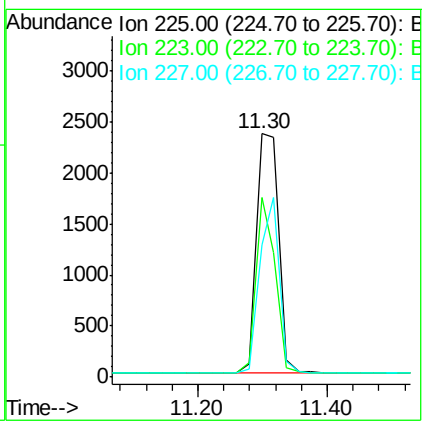


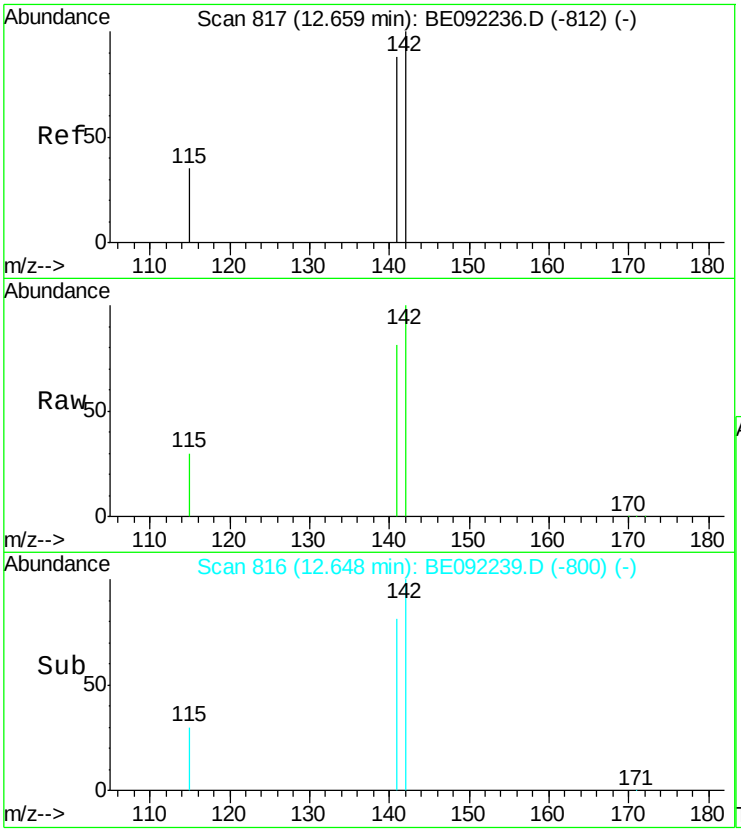


#10
Hexachlorobutadiene
Concen: 2.91 ng
RT: 11.30 min Scan# 726
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:225 Resp: 5619

Ion	Ratio	Lower	Upper
225	100		
223	62.5	52.2	78.4
227	64.2	51.0	76.6



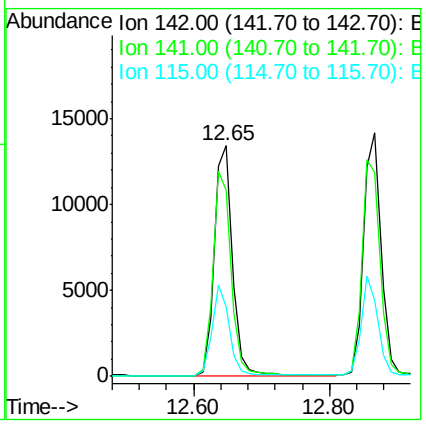


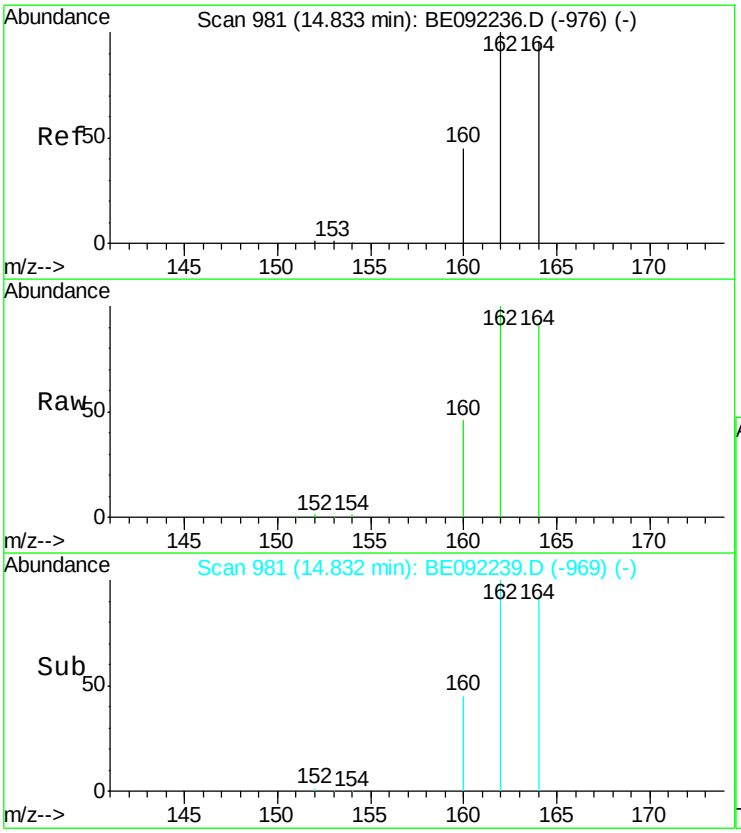
#11
2-Methylnaphthalene
Concen: 3.04 ng
RT: 12.65 min Scan# 816
Delta R.T. -0.01 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:142 Resp: 25357

Ion	Ratio	Lower	Upper
142	100		
141	81.0	70.6	105.8
115	30.3	31.0	46.4#

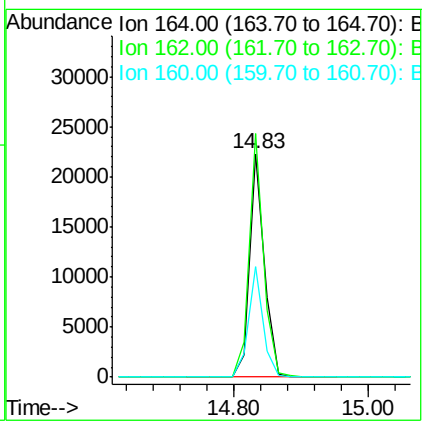


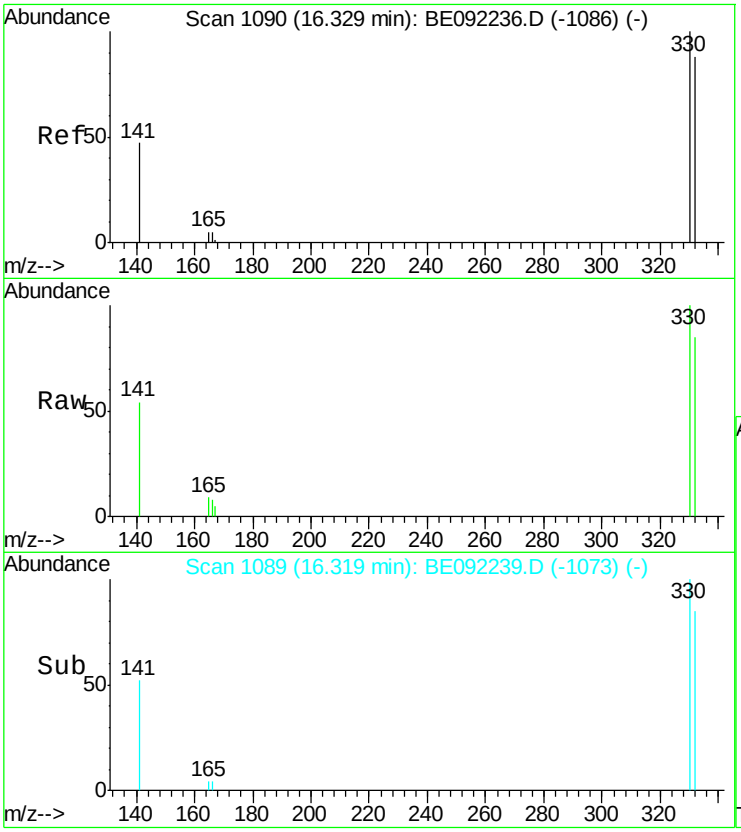


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:164 Resp: 33568

Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.3	124.9
160	49.6	38.0	57.0



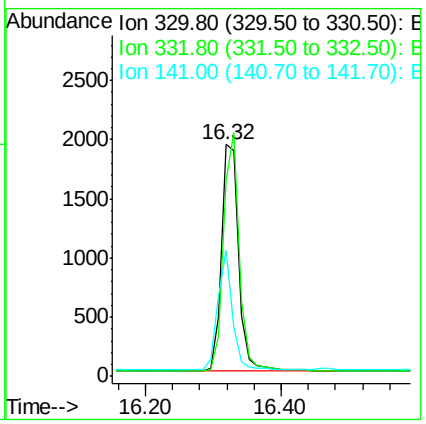


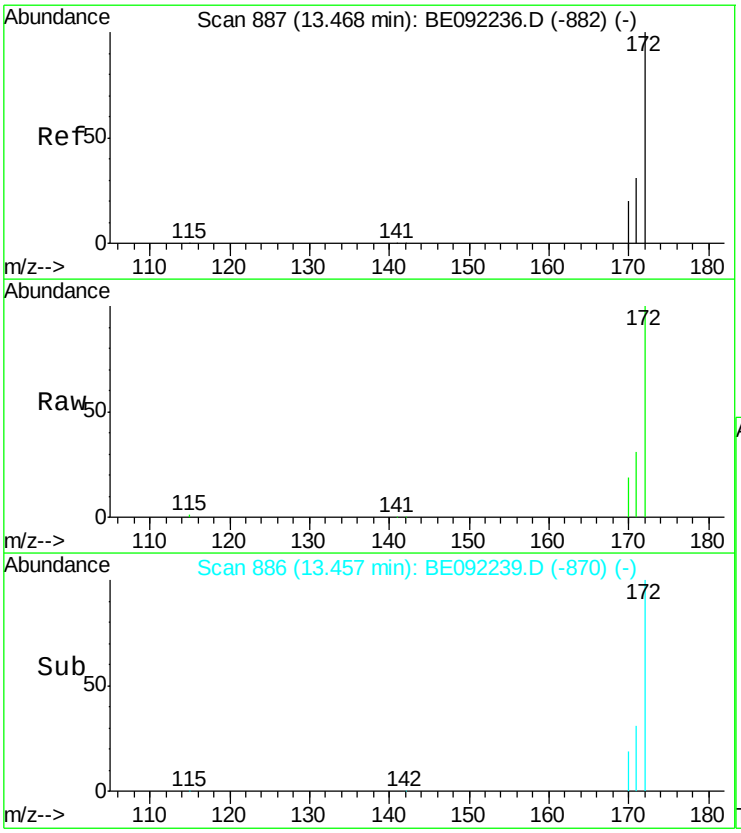
#13
2,4,6-Tribromophenol
Concen: 3.47 ng
RT: 16.32 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:330 Resp: 3486

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.4	113.0
141	44.5	37.7	56.5

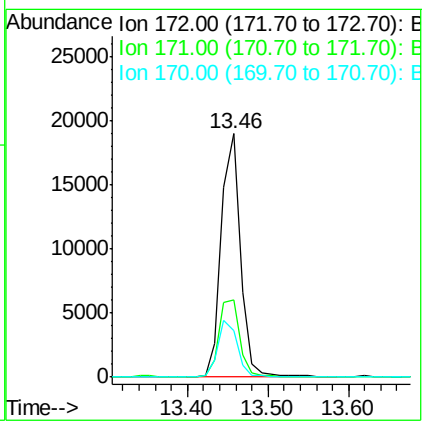


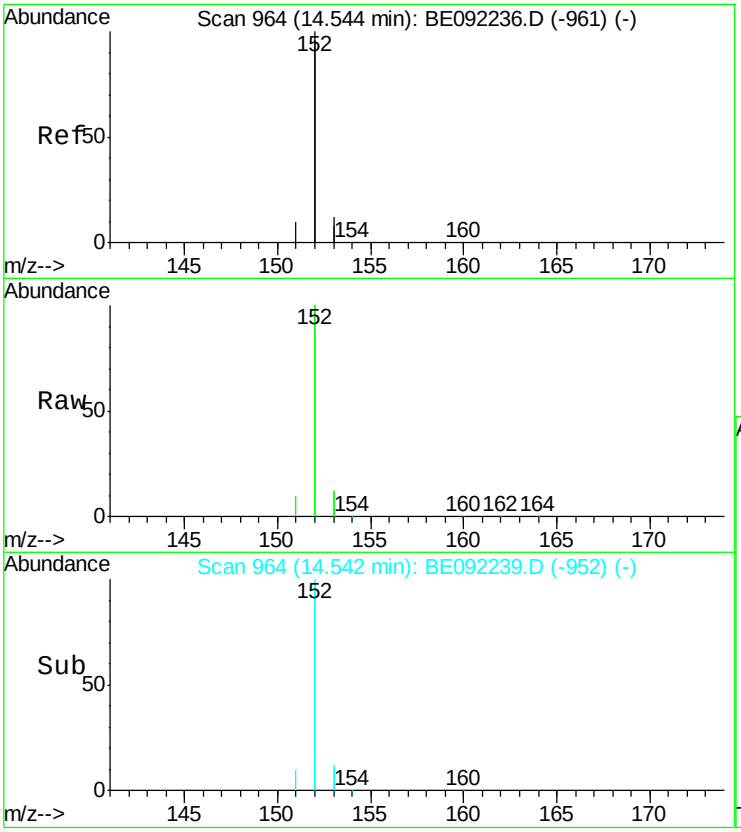


#14
2-Fluorobiphenyl
Concen: 2.99 ng
RT: 13.46 min Scan# 886
Delta R.T. -0.01 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:172 Resp: 31023

Ion	Ratio	Lower	Upper
172	100		
171	31.5	26.8	40.2
170	19.1	17.8	26.6



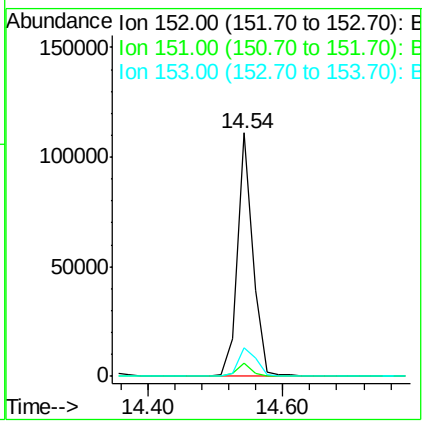


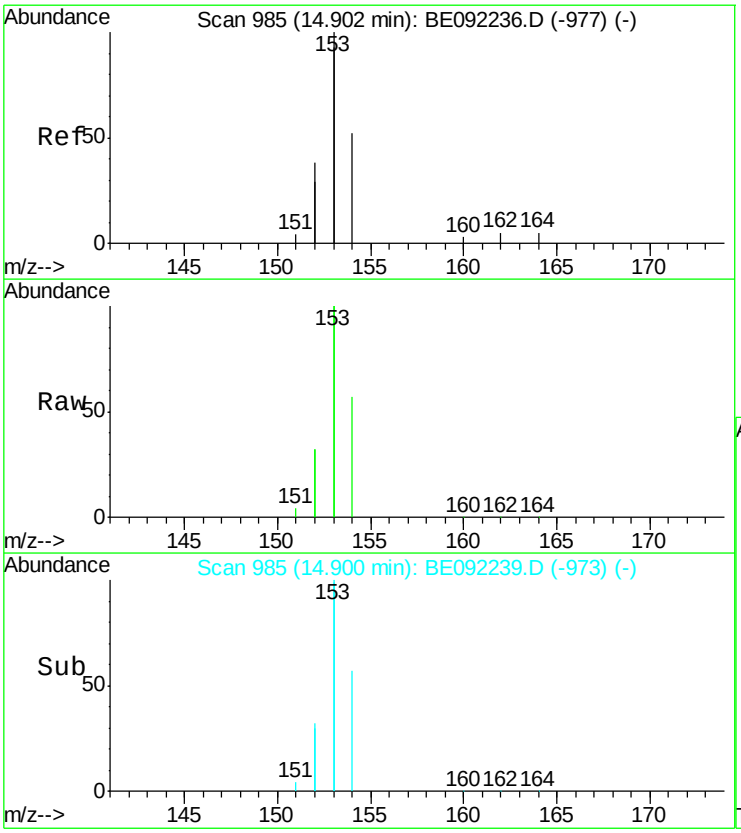
#15
Acenaphthylene
Concen: 3.02 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 175318

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.8	5.8
153	13.2	10.2	15.2

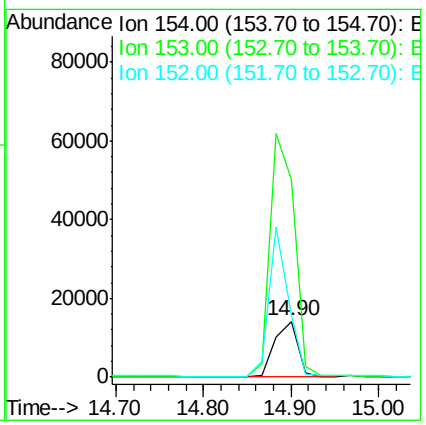


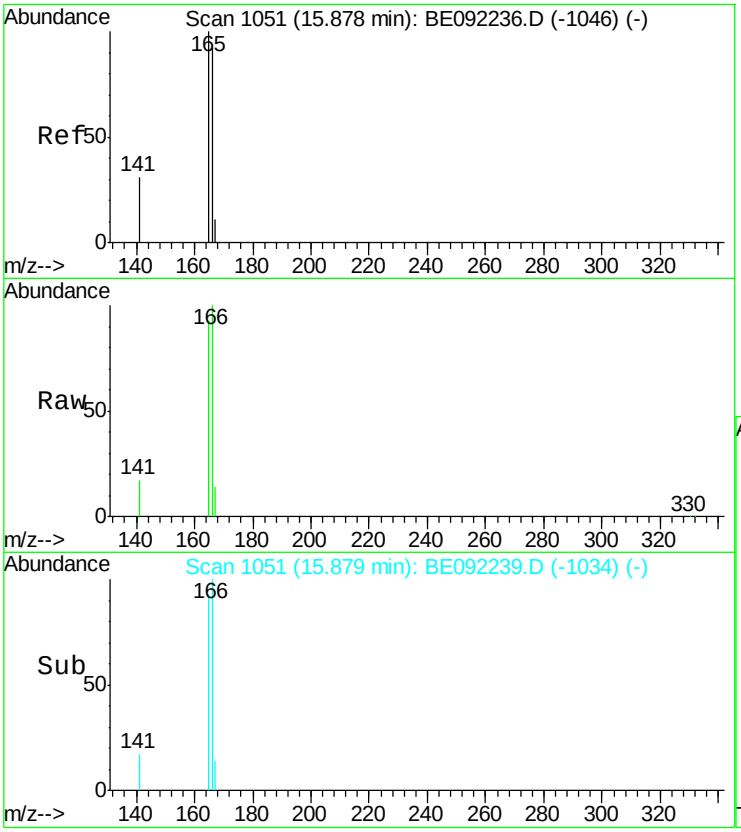


#16
Acenaphthene
Concen: 2.84 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:154 Resp: 26483

Ion	Ratio	Lower	Upper
154	100		
153	455.2	355.0	532.4
152	225.1	179.7	269.5



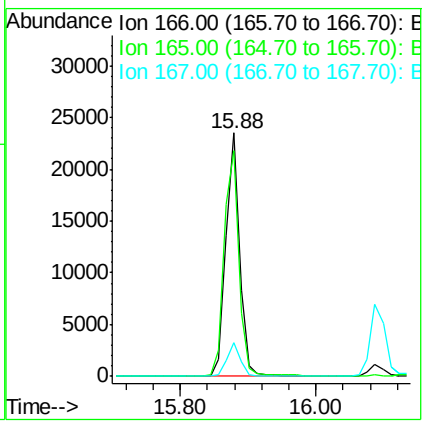


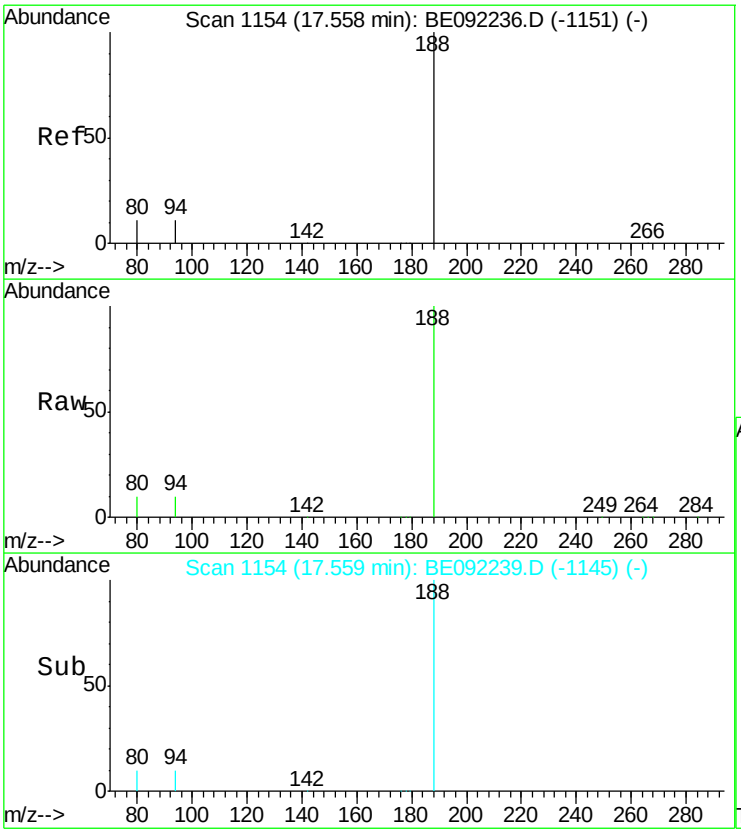
#17
Fluorene
Concen: 2.99 ng
RT: 15.88 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:166 Resp: 33701

Ion	Ratio	Lower	Upper
166	100		
165	99.3	80.1	120.1
167	13.4	10.6	16.0

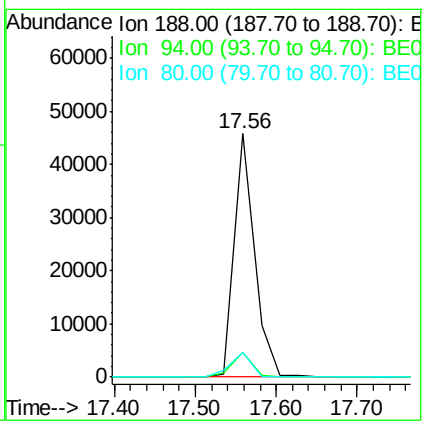


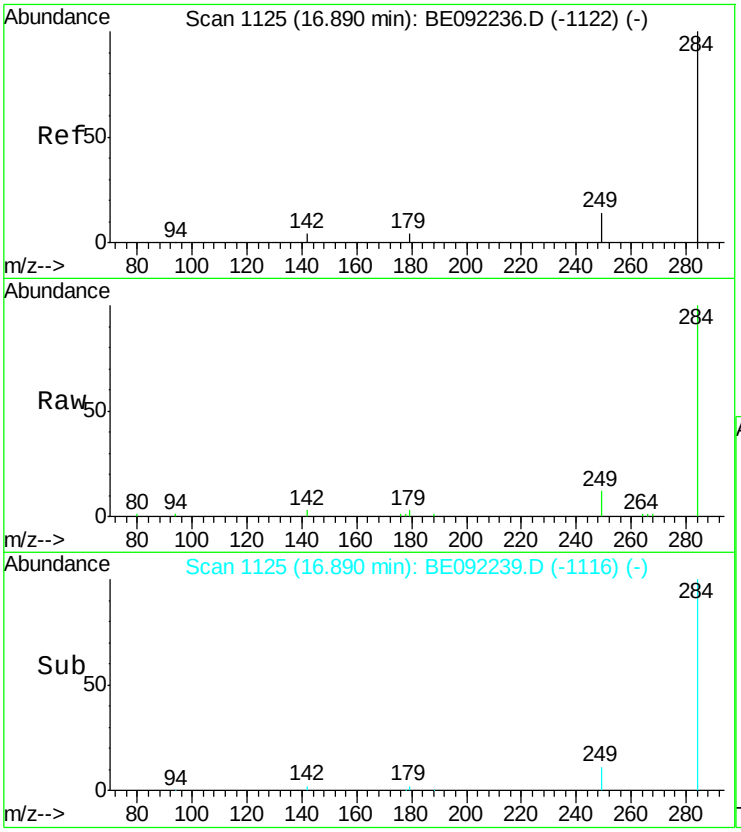


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:188 Resp: 78373

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.2	13.8
80	10.1	9.1	13.7



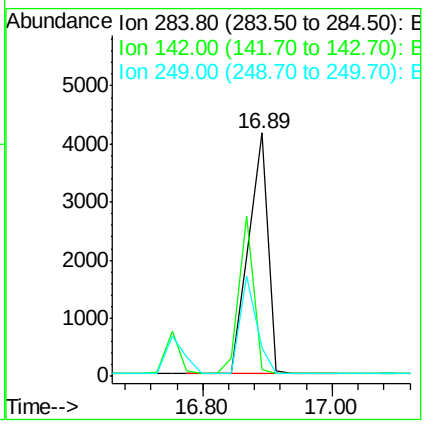


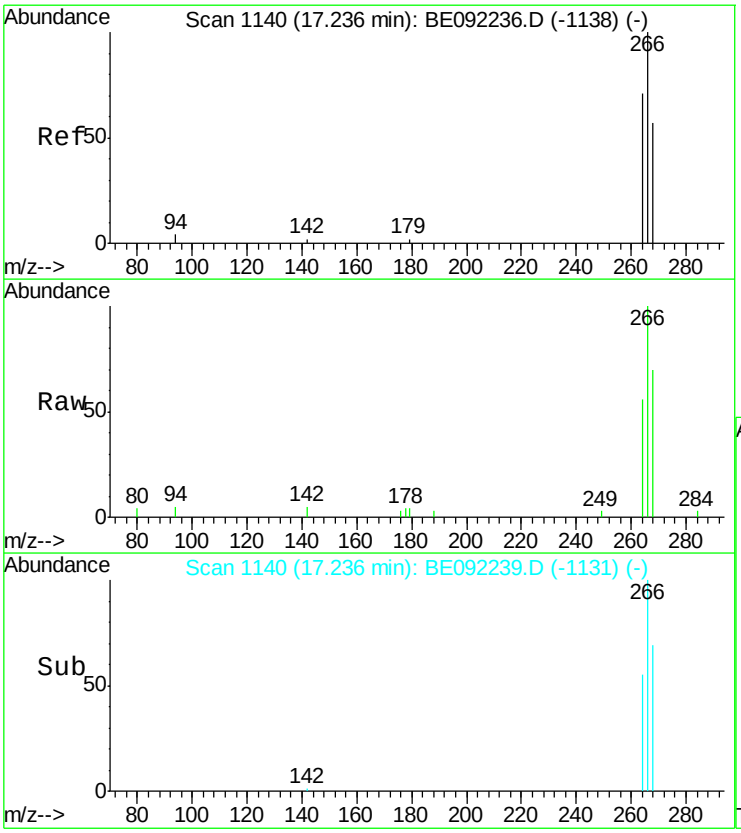
#19
Hexachlorobenzene
Concen: 2.78 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 8635

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

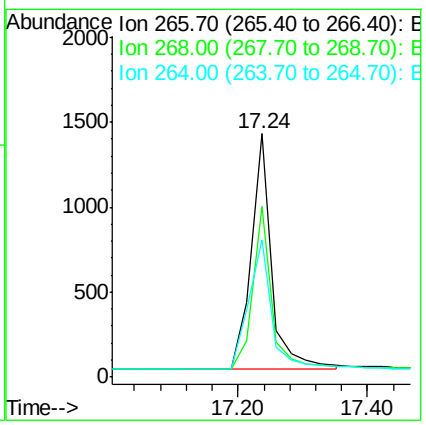


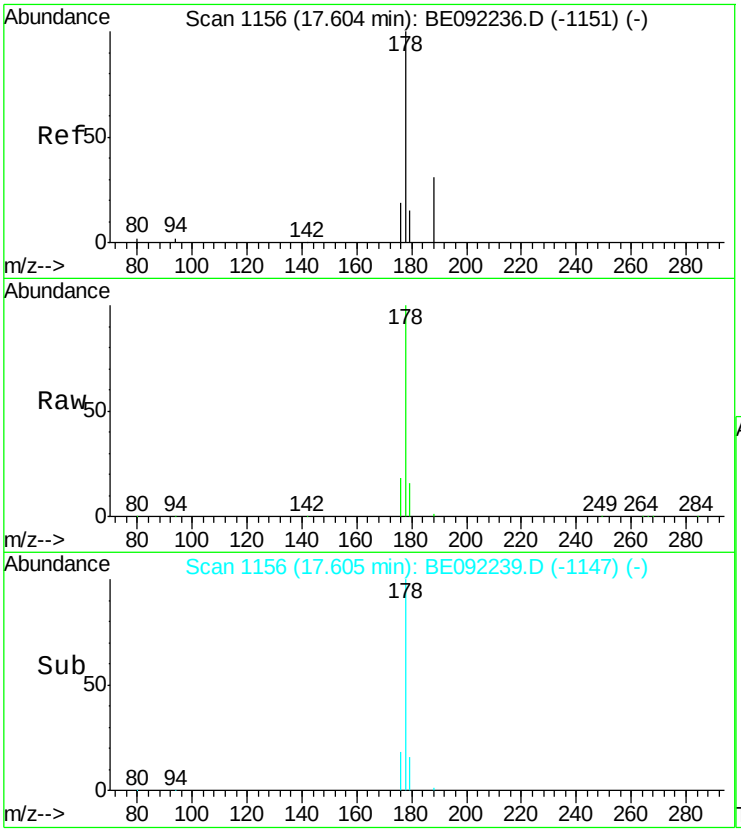


#20
Pentachlorophenol
Concen: 3.74 ng
RT: 17.24 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:266 Resp: 3093

Ion	Ratio	Lower	Upper
266	100		
268	70.3	62.3	93.5
264	56.3	67.4	101.0#



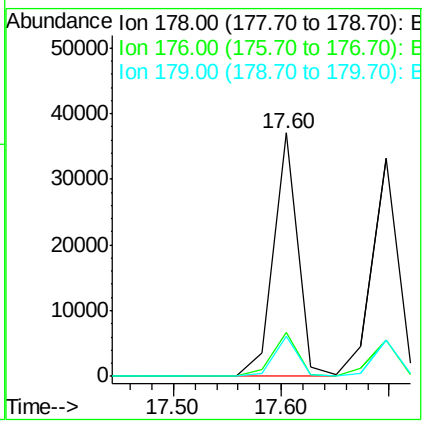


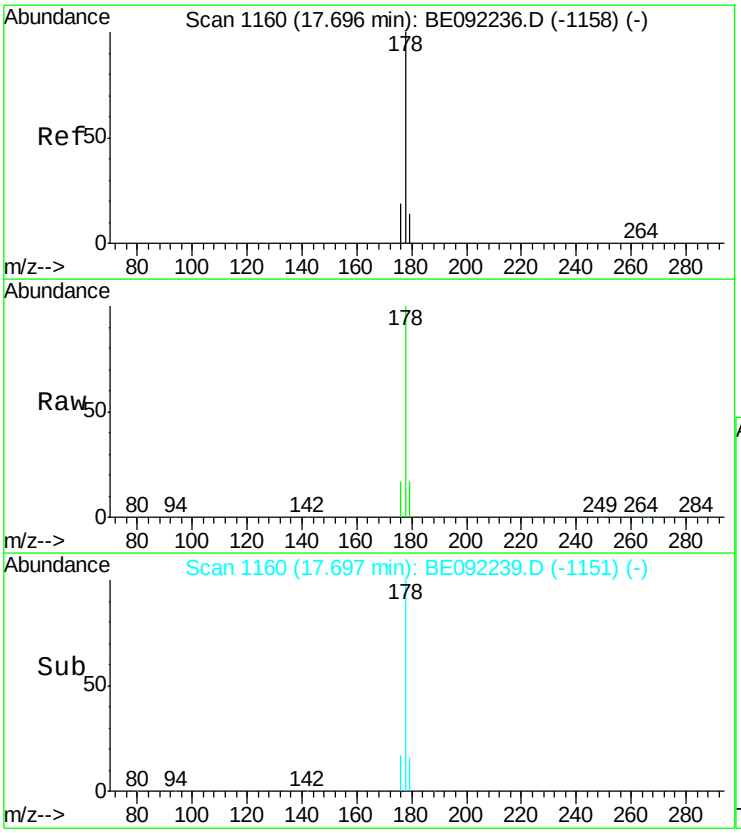
#21
Phenanthrene
Concen: 2.87 ng
RT: 17.60 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 58130

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	16.0	12.9	19.3

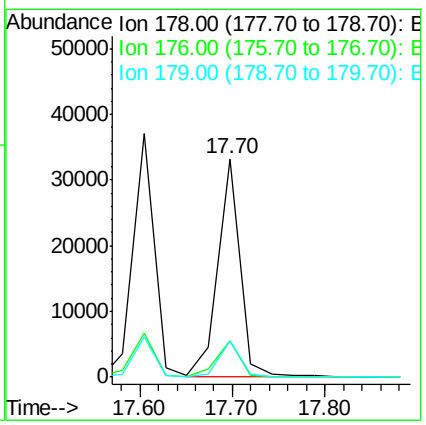


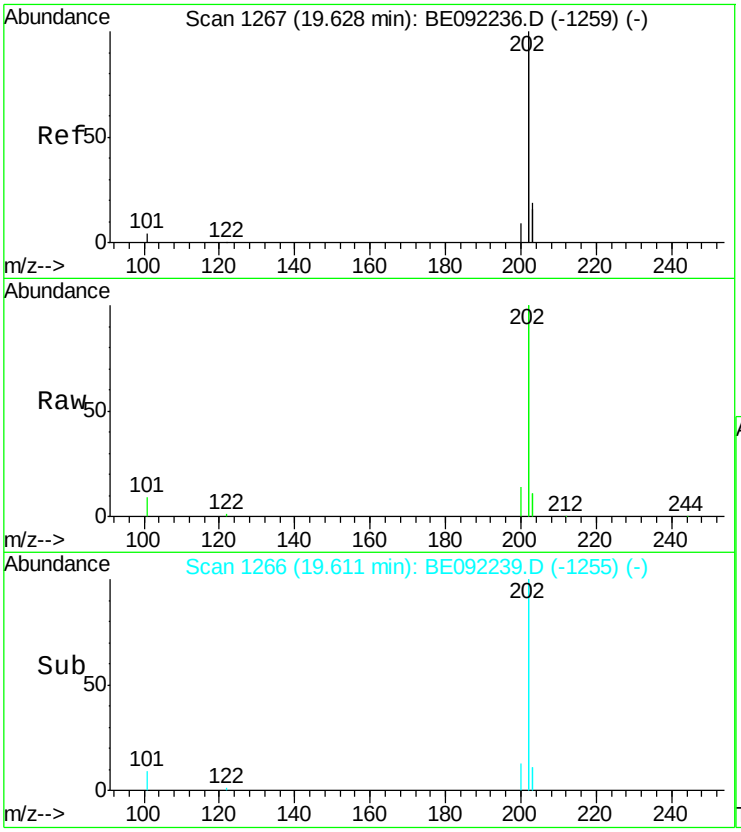


#22
Anthracene
Concen: 3.01 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:178 Resp: 55262

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.0	22.4
179	15.9	12.0	18.0



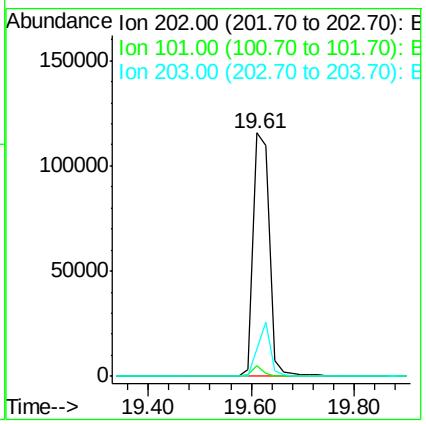


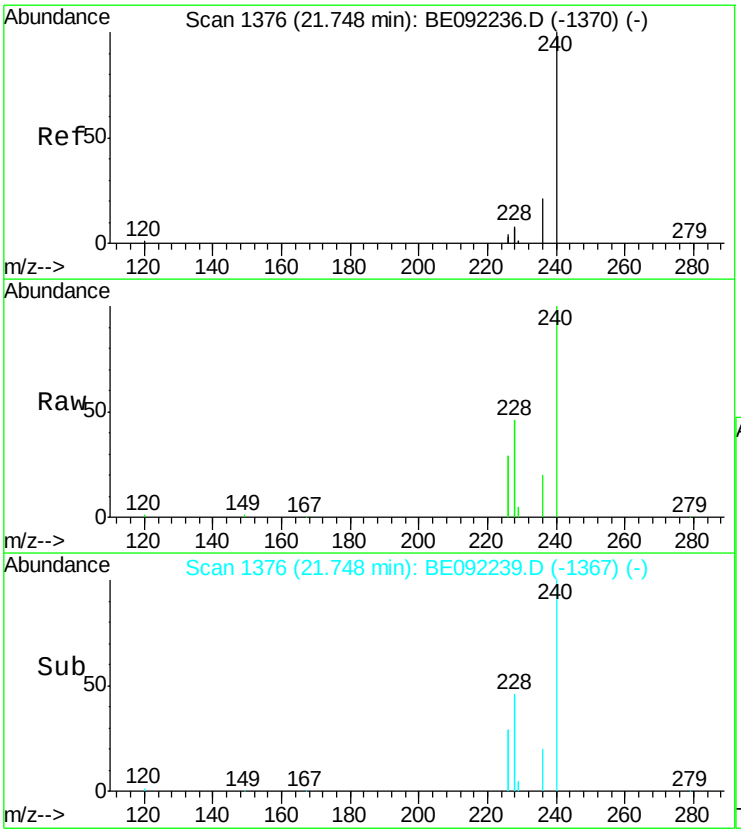
#23
Fluoranthene
Concen: 3.05 ng
RT: 19.61 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 245594

Ion	Ratio	Lower	Upper
202	100		
101	3.0	2.2	3.4
203	17.3	13.7	20.5

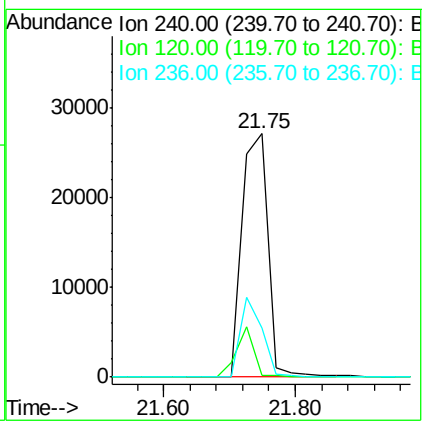


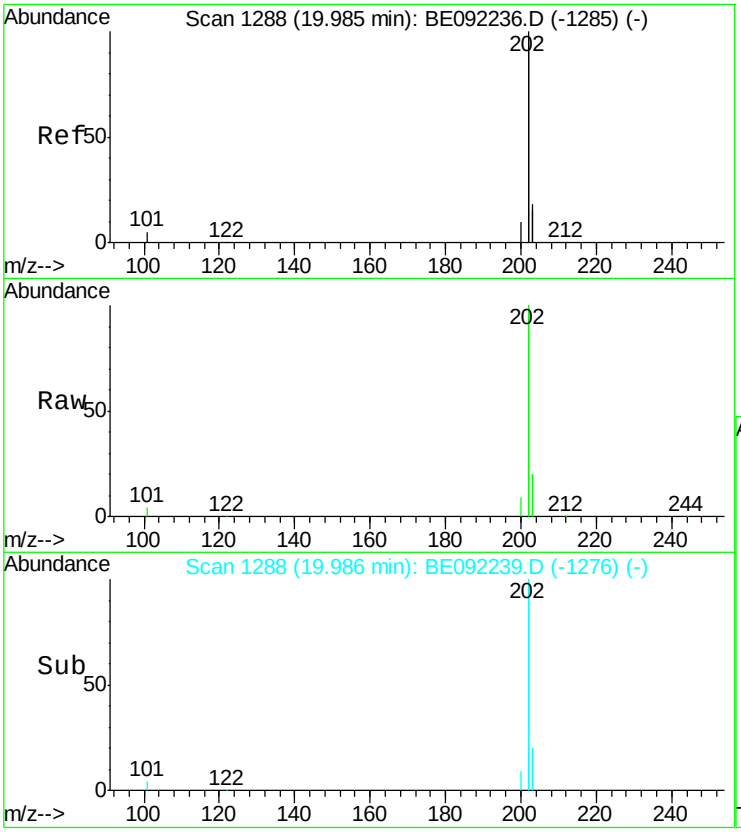


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.75 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:240 Resp: 73187

Ion	Ratio	Lower	Upper
240	100		
120	0.9	1.2	1.8#
236	20.4	17.1	25.7



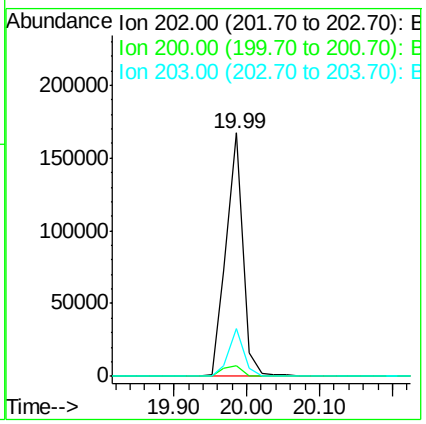


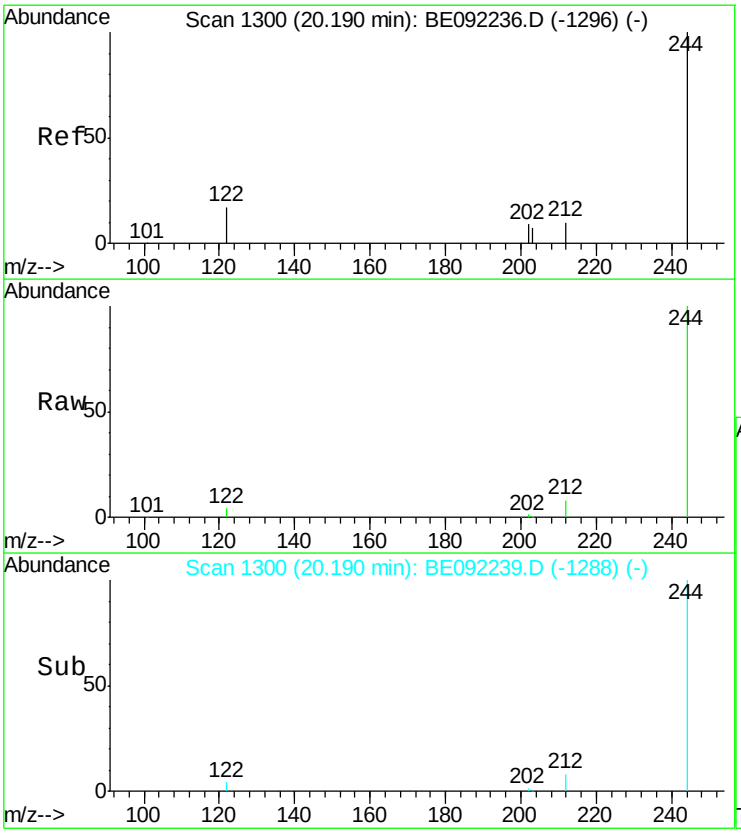
#25
Pyrene
Concen: 3.07 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 265901

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

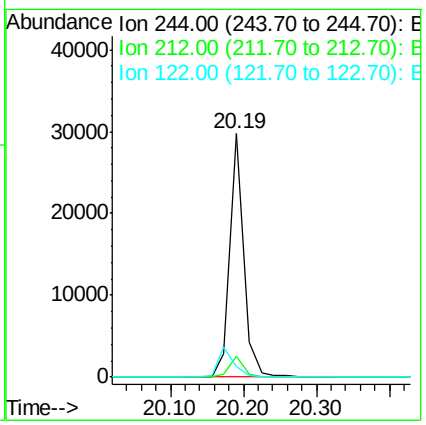


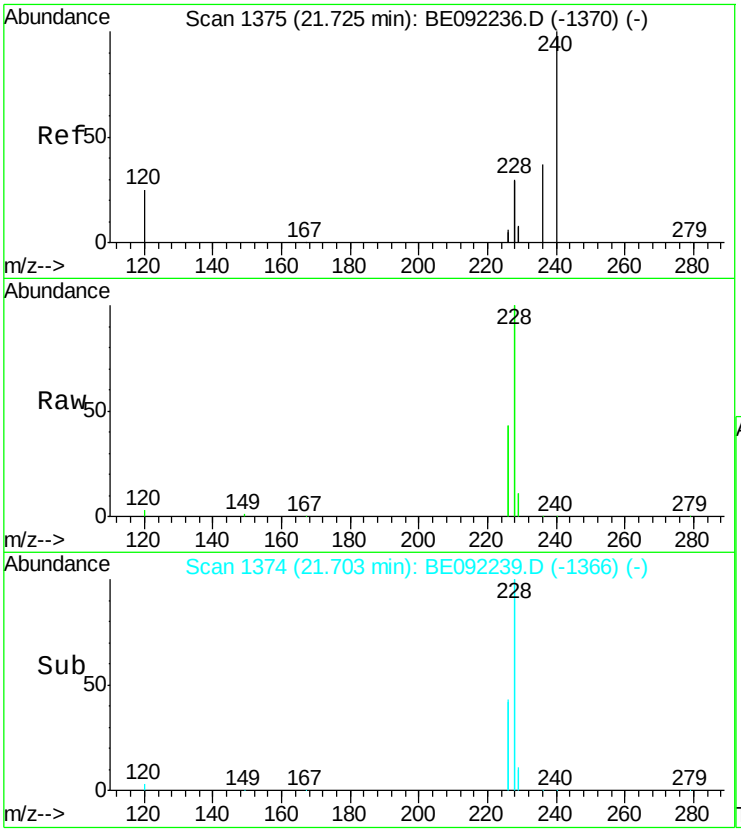


#26
Terphenyl-d14
Concen: 3.12 ng
RT: 20.19 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:244 Resp: 38571

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.2	15.2#
122	4.3	15.9	23.9#



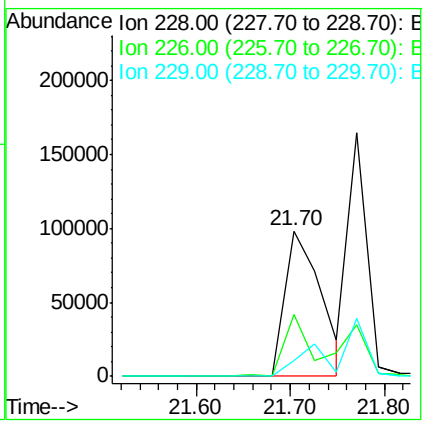


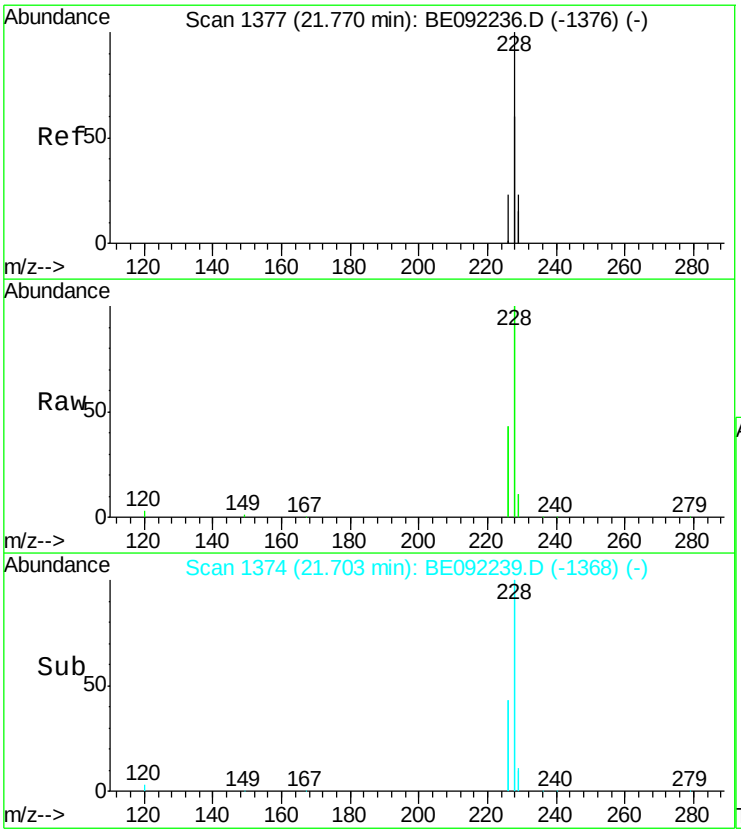
#27
Benzo(a)anthracene
Concen: 2.99 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 262962

Ion	Ratio	Lower	Upper
228	100		
226	42.9	15.9	23.9#
229	10.7	22.4	33.6#

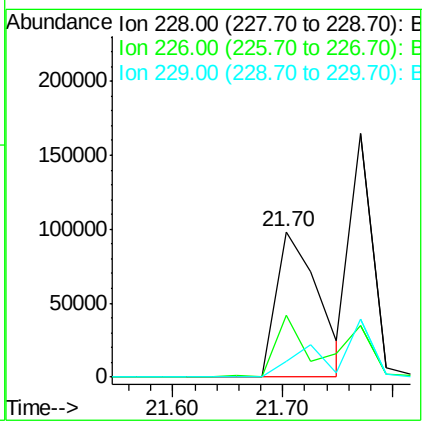


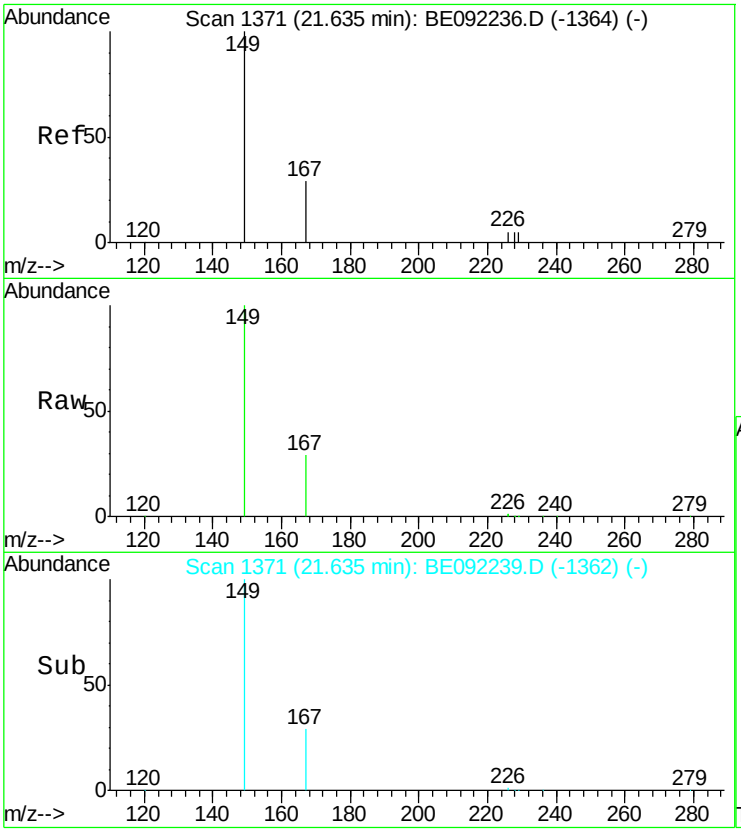


#28
Chrysene
Concen: 3.23 ng
RT: 21.70 min Scan# 1374
Delta R.T. -0.07 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:228 Resp: 262924

Ion	Ratio	Lower	Upper
228	100		
226	42.9	18.3	27.5#
229	10.7	18.6	27.8#



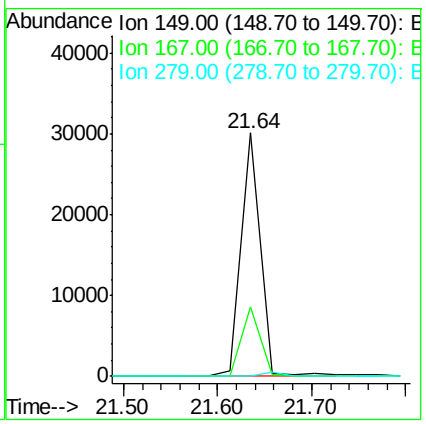


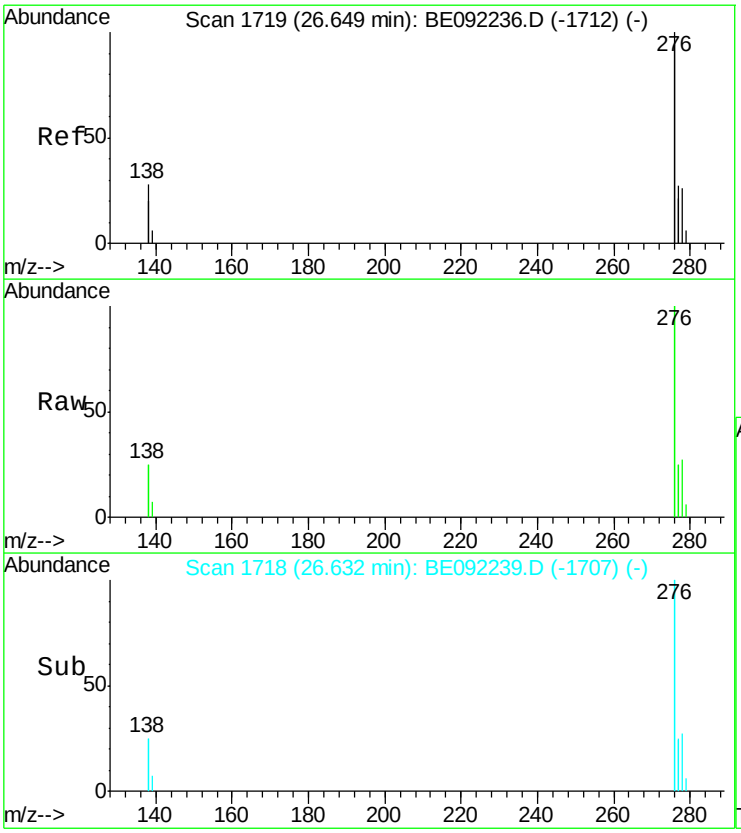
#29
Bis(2-ethylhexyl)phthalate
Concen: 3.76 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 42353

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.1	33.1
279	0.0	0.0	0.0

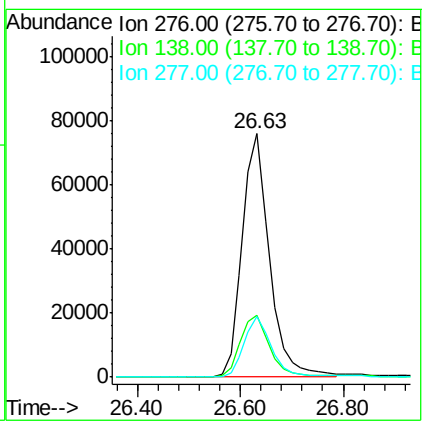


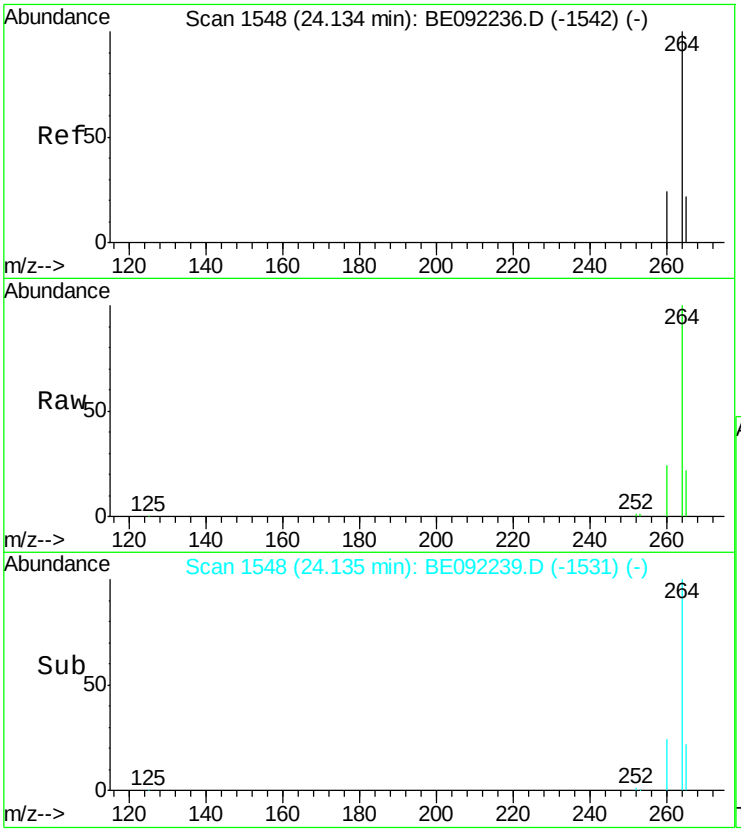


#30
Indeno(1,2,3-cd)pyrene
Concen: 3.15 ng
RT: 26.63 min Scan# 1718
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:276 Resp: 275682

Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.3	31.9
277	24.6	19.7	29.5



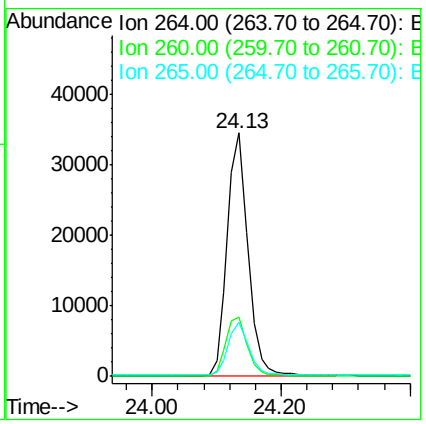


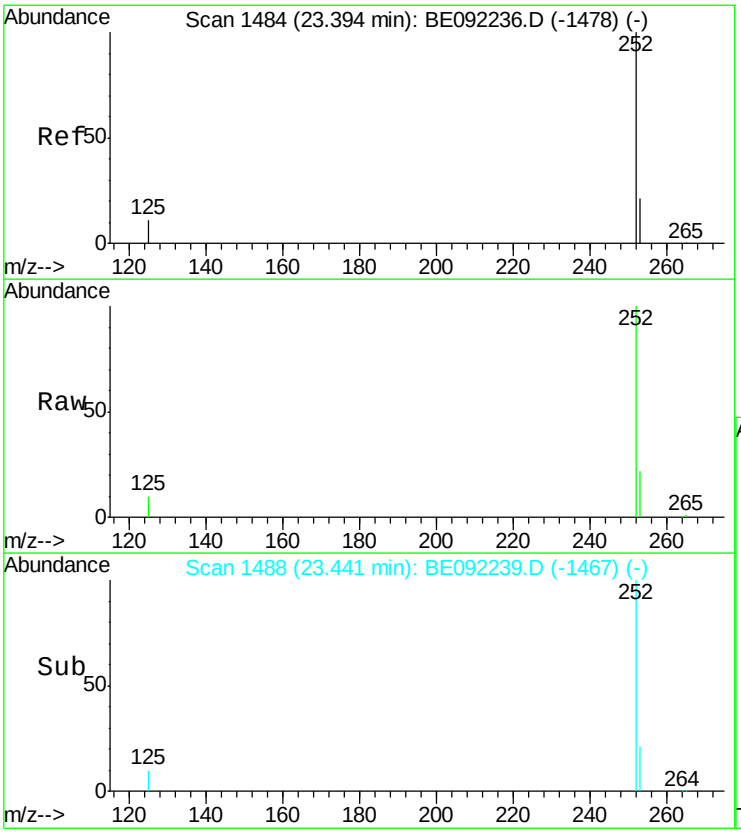
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:264 Resp: 77242

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	22.4	18.2	27.4

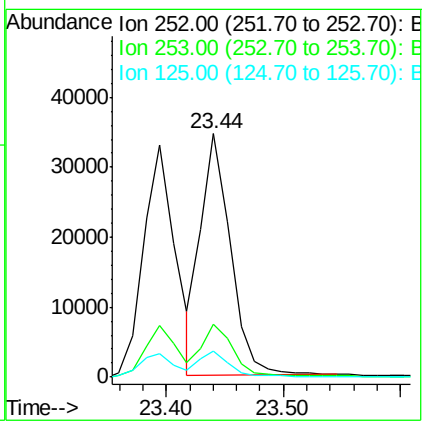


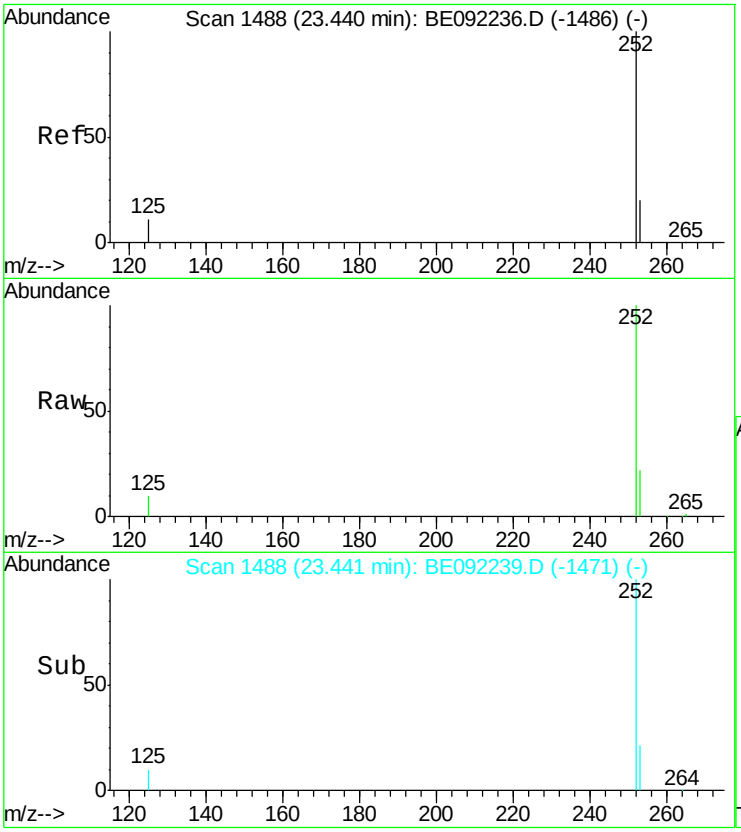


#32
Benzo(b)fluoranthene
Concen: 3.02 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.05 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:252 Resp: 61350

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.4
125	10.5	10.3	15.5



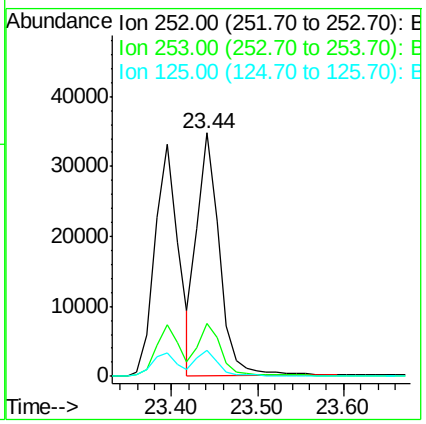


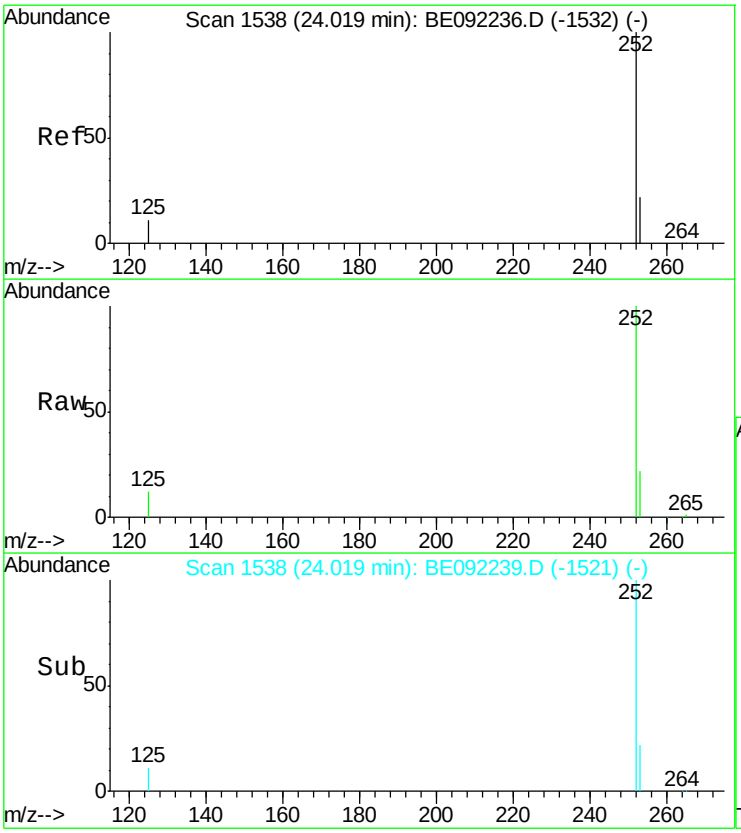
#33
Benzo(k)fluoranthene
Concen: 2.97 ng
RT: 23.44 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 62361

Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.0	28.6
125	10.5	10.6	15.8#

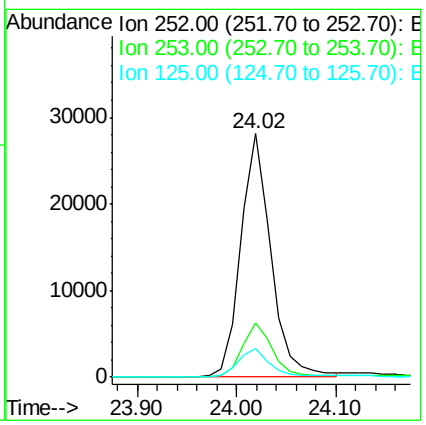


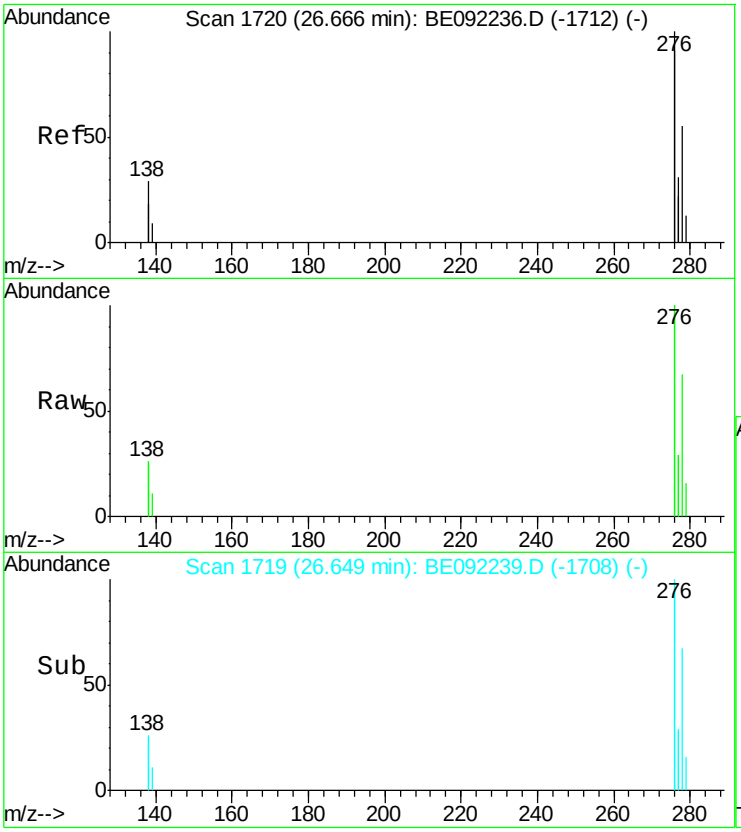


#34
Benzo(a)pyrene
Concen: 3.05 ng
RT: 24.02 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:252 Resp: 58395

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.3	30.5
125	11.5	11.8	17.6#



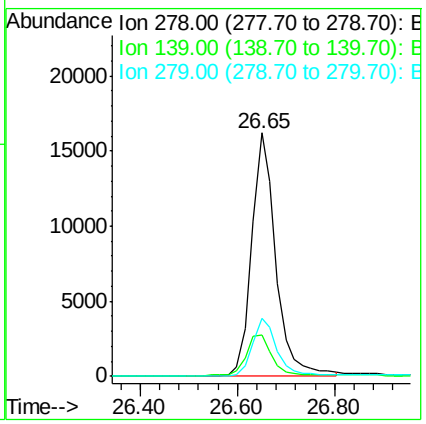


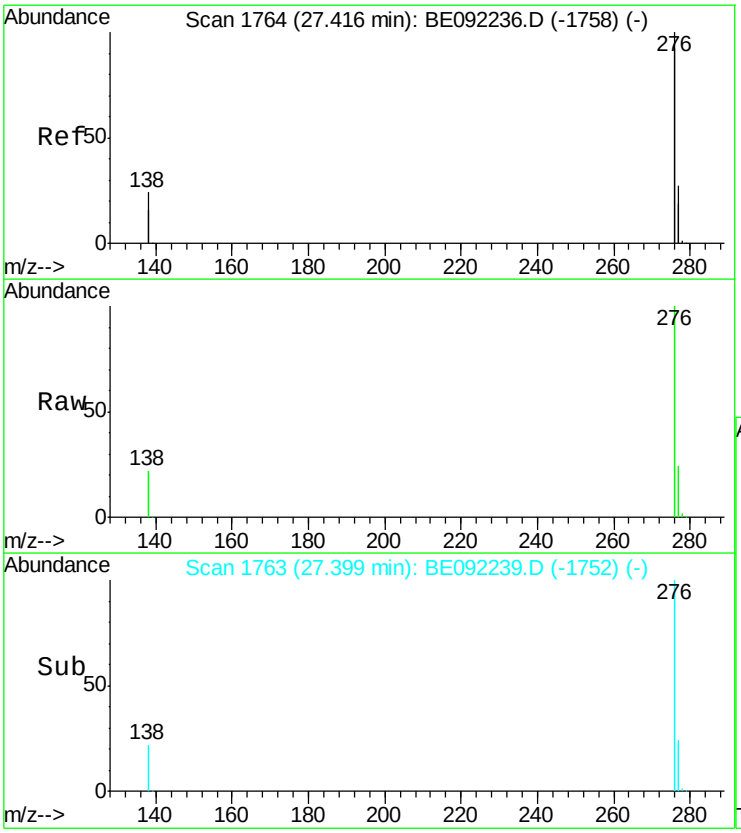
#35
Dibenzo(a,h)anthracene
Concen: 3.15 ng
RT: 26.65 min Scan# 1719
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Instrument :
BNA_E
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 55981

Ion	Ratio	Lower	Upper
278	100		
139	17.0	16.2	24.2
279	23.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 3.03 ng
RT: 27.40 min Scan# 1763
Delta R.T. -0.02 min
Lab File: BE092239.D
Acq: 9 Aug 2016 21:50

Tgt Ion:276 Resp: 232216

Ion	Ratio	Lower	Upper
276	100		
277	23.6	21.4	32.2
138	22.1	19.4	29.2