Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092235.D
Acq On : 9 Aug 2016 19:24
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.2

Quant Time: Aug 10 04:43:25 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	10803	5.00	ng		0.00
7) Naphthalene-d8	10.97	136	52618	5.00	ng		0.00
12) Acenaphthene-d10	14.83	164	30711	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	74838	5.00	ng		0.00
24) Chrysene-d12	21.73	240	69805	5.00	ng		-0.02
31) Perylene-d12	24.13	264	71302	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.71	112	420	0.18	ng		0.00
5) Phenol-d6	7.36	99	630	0.19	ng		0.00
8) Nitrobenzene-d5	9.37	82	796	0.21	ng		0.00
13) 2,4,6-Tribromophenol	16.34	330	140	0.15	ng		0.01
14) 2-Fluorobiphenyl	13.47	172	1882	0.20	ng		0.00
26) Terphenyl-d14	20.21	244	2141	0.18	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	287	0.21	ng		96
3) n-Nitrosodimethylamine	3.84	42	246	0.15	ng	#	92
6) bis(2-Chloroethyl)ether	7.59	93	474	0.17	ng		98
9) Naphthalene	11.03	128	2411	0.20	ng		97
10) Hexachlorobutadiene	11.32	225	354	0.21	ng		100
11) 2-Methylnaphthalene	12.67	142	1445	0.20	ng		98
15) Acenaphthylene	14.54	152	10193	0.19	ng		99
16) Acenaphthene	14.90	154	1757	0.21	ng		97
17) Fluorene	15.89	166	2020	0.20	ng		99
19) Hexachlorobenzene	16.89	284	610	0.21	ng	#	100
20) Pentachlorophenol	17.26	266	91	0.12	ng		93
21) Phenanthrene	17.61	178	3851	0.20	ng		99
22) Anthracene	17.70	178	3166	0.18	ng		100
23) Fluoranthene	19.63	202	14641	0.19	ng		99
25) Pyrene	19.99	202	15563	0.19	ng		100
27) Benzo(a)anthracene	21.73	228	16257	0.19	ng		98
28) Chrysene	21.73	228	16257	0.21	ng	#	93
29) Bis(2-ethylhexyl)phthalate	21.64	149	1429	0.13	ng	#	98
30) Indeno(1,2,3-cd)pyrene	26.65	276	14642	0.18	ng		100
32) Benzo(b)fluoranthene	23.39	252	3401	0.18	ng		96
33) Benzo(k)fluoranthene	23.45	252	3380	0.17	ng		94
34) Benzo(a)pyrene	24.02	252	3365	0.19	ng	#	94
35) Dibenzo(a,h)anthracene	26.67	278	2930	0.18	ng	#	93
36) Benzo(g,h,i)perylene	27.42	276	13444	0.19	ng		96

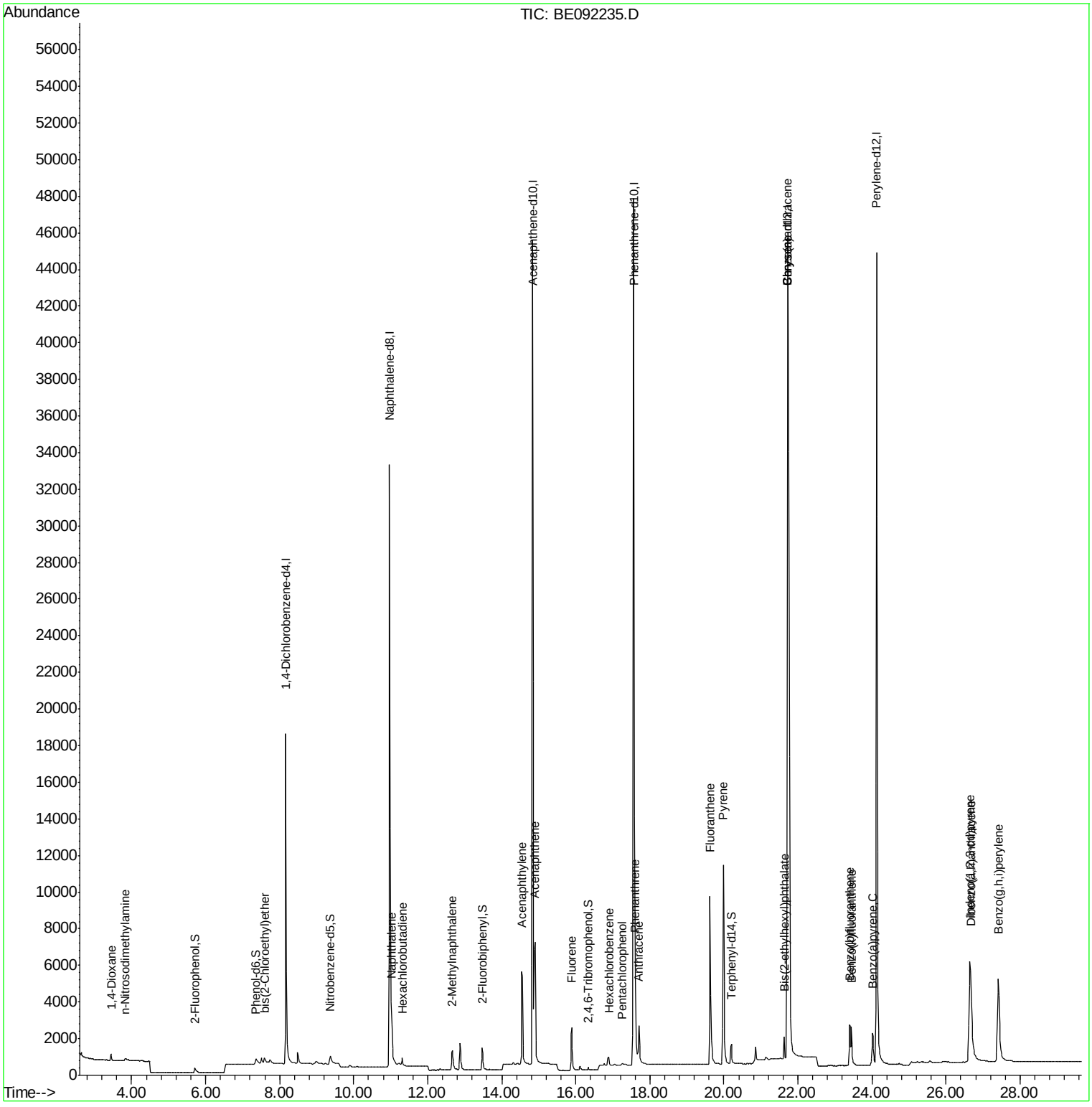
(#) = qualifier out of range (m) = manual integration (+) = signals summed

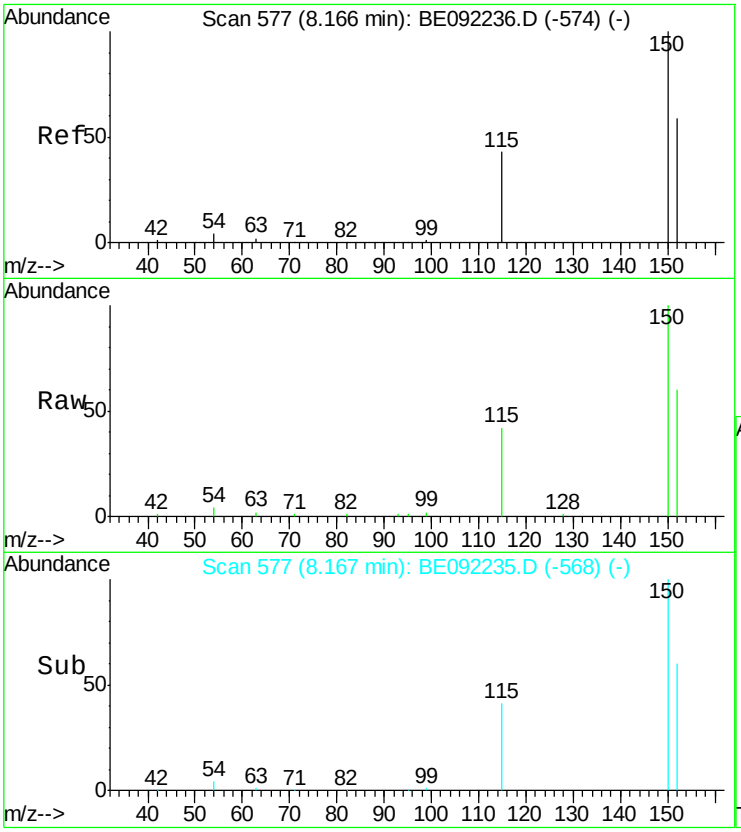
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080916\
Data File : BE092235.D
Acq On : 9 Aug 2016 19:24
Operator : UM/SJ
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Quant Time: Aug 10 04:43:25 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



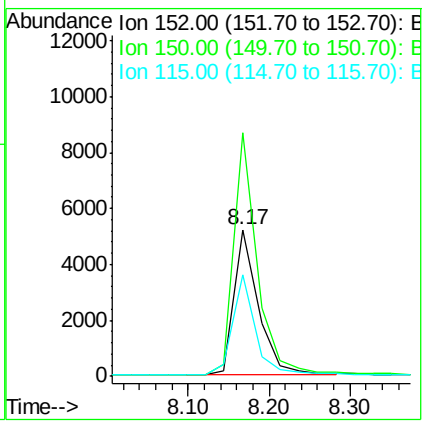


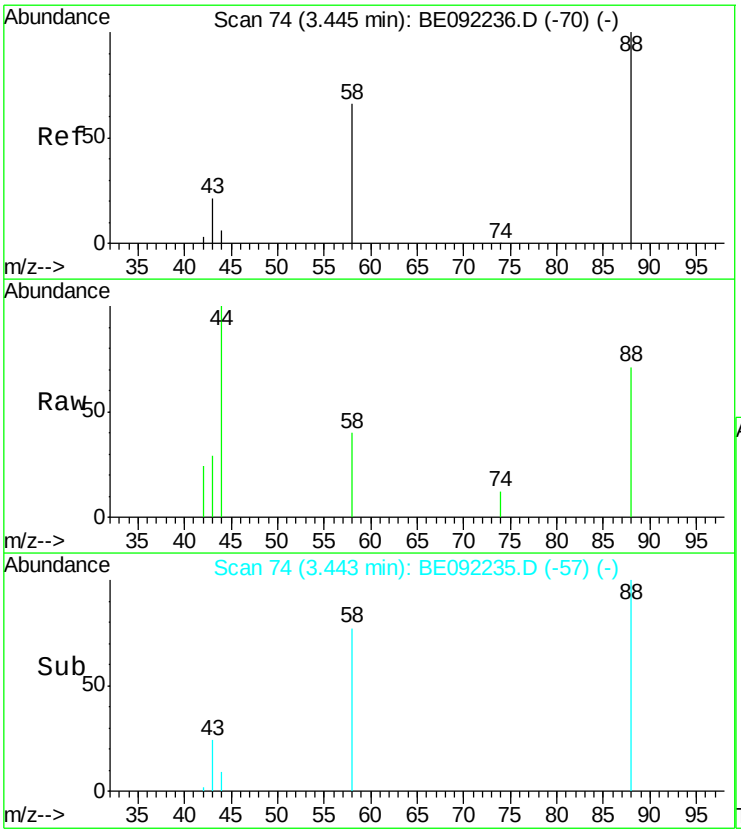
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.17 min Scan# 577
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 10803

Ion	Ratio	Lower	Upper
152	100		
150	166.3	135.6	203.4
115	69.4	59.4	89.0

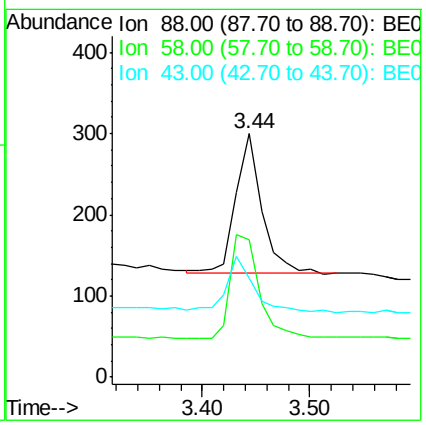


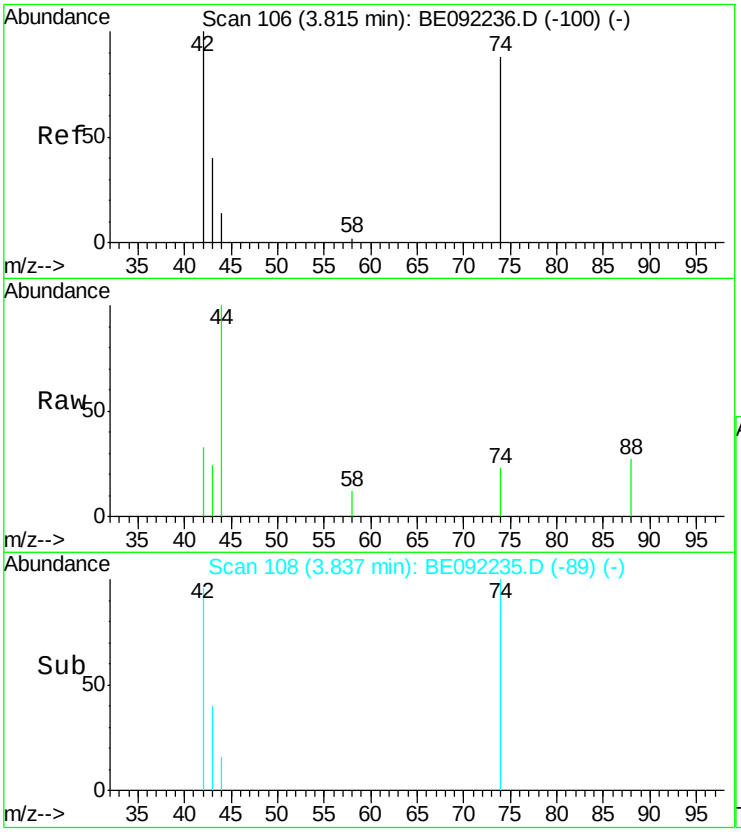


#2
1,4-Dioxane
Concen: 0.21 ng
RT: 3.44 min Scan# 74
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion: 88 Resp: 287

Ion	Ratio	Lower	Upper
88	100		
58	84.0	64.4	96.6
43	39.0	33.4	50.2



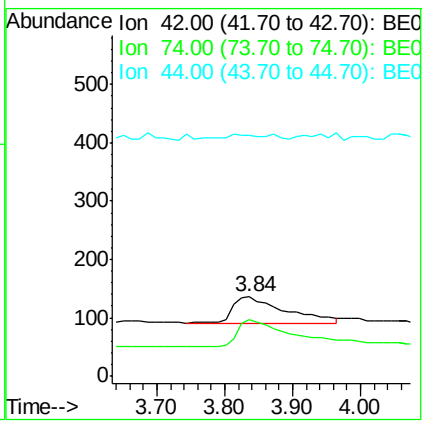


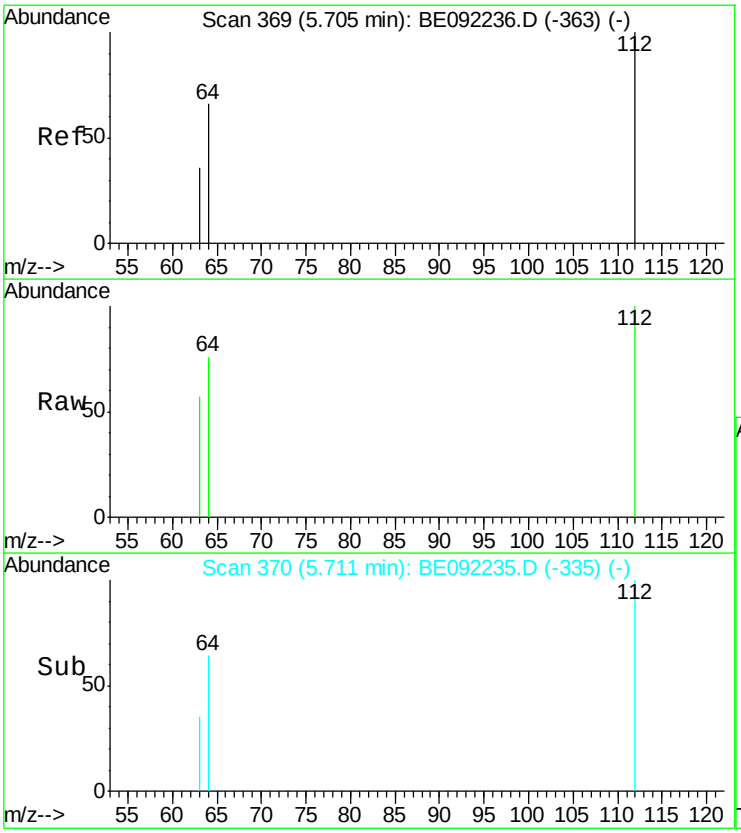
#3
n-Nitrosodimethylamine
Concen: 0.15 ng
RT: 3.84 min Scan# 108
Delta R.T. 0.02 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 246

Ion	Ratio	Lower	Upper
42	100		
74	104.1	77.2	115.8
44	0.0	5.0	7.4#

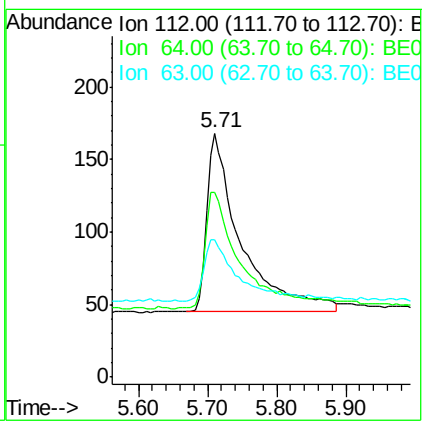


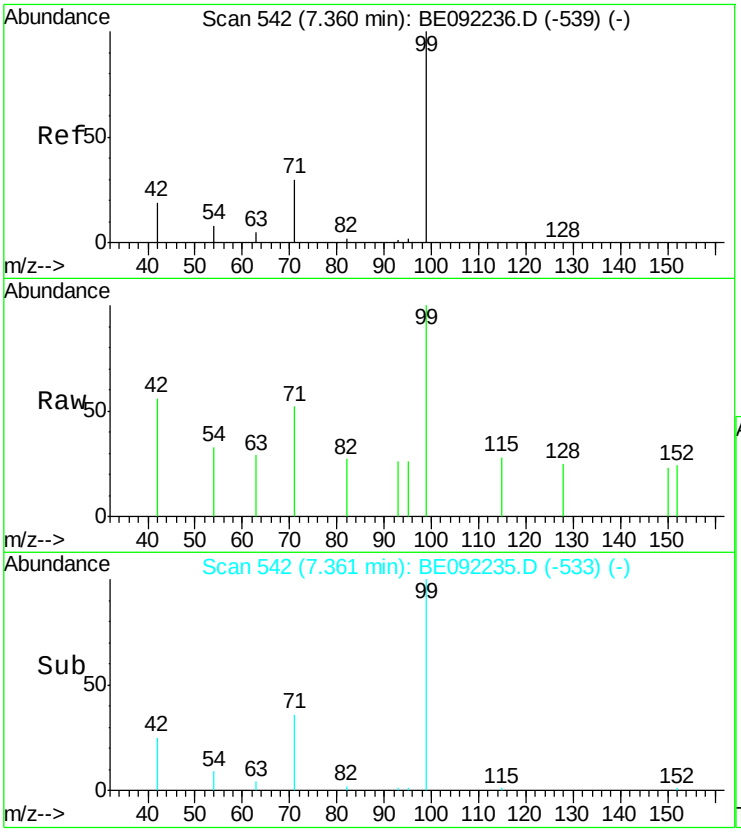


#4
2-Fluorophenol
Concen: 0.18 ng
RT: 5.71 min Scan# 370
Delta R.T. 0.01 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:112 Resp: 420

Ion	Ratio	Lower	Upper
112	100		
64	66.4	53.2	79.8
63	35.5	27.4	41.2



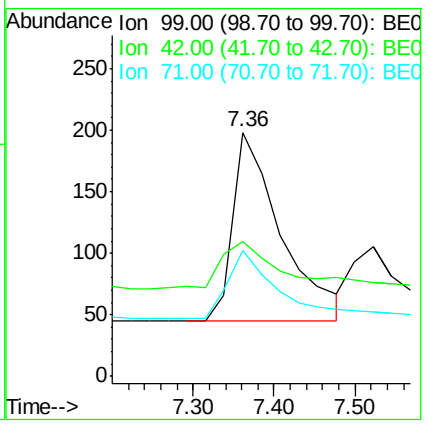


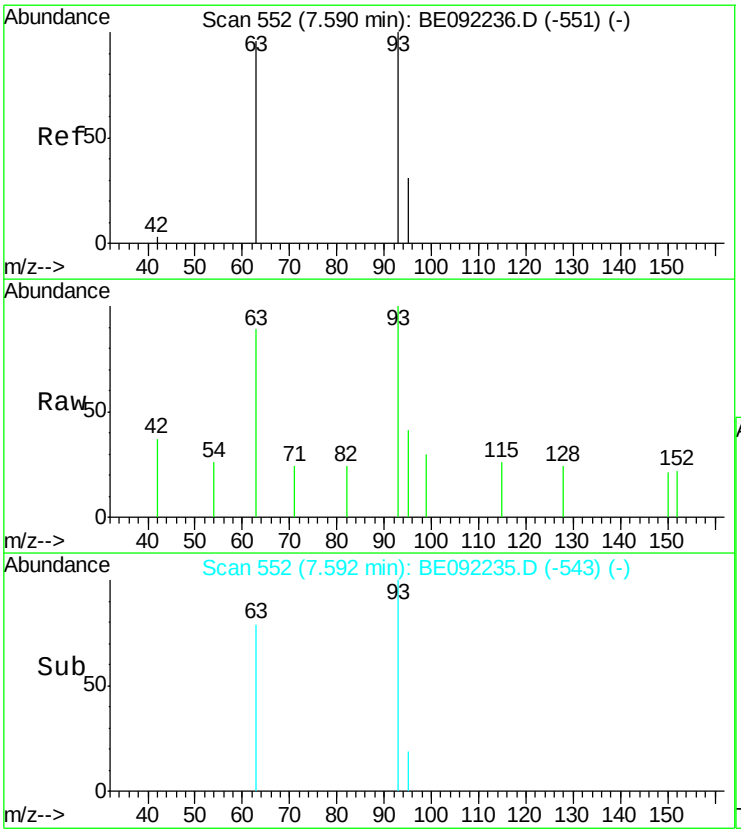
#5
Phenol-d6
Concen: 0.19 ng
RT: 7.36 min Scan# 542
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 630

Ion	Ratio	Lower	Upper
99	100		
42	28.1	0.0	0.0#
71	36.0	29.8	44.8

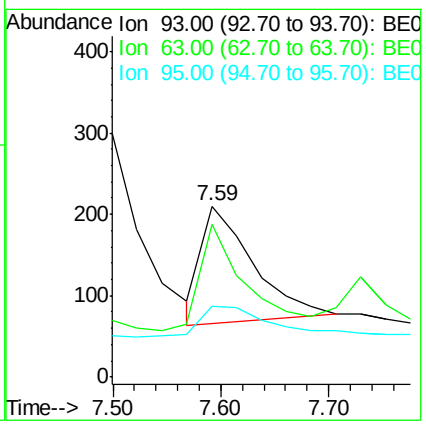


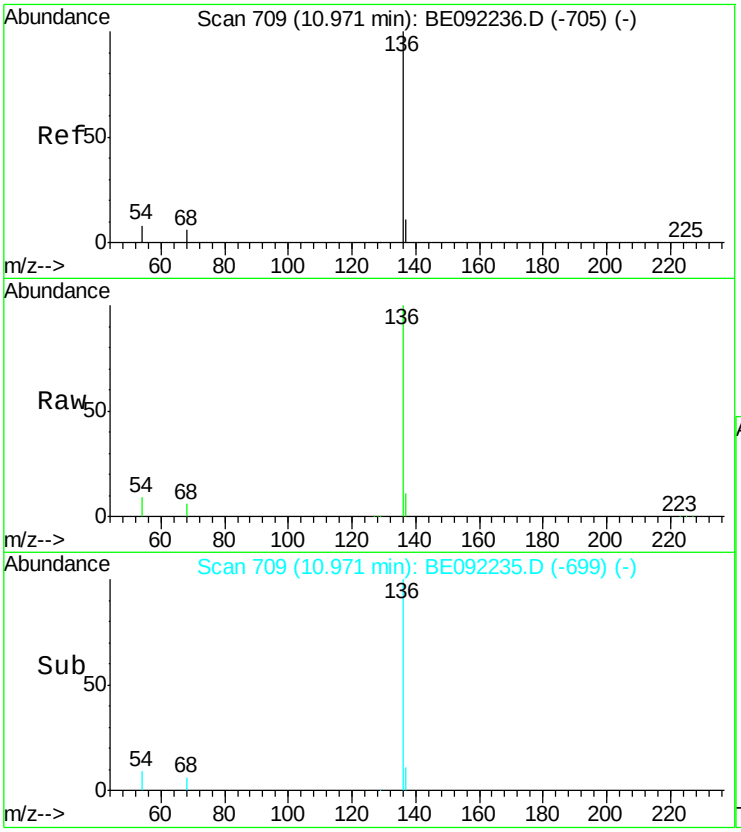


#6
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.59 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion: 93 Resp: 474

Ion	Ratio	Lower	Upper
93	100		
63	83.3	68.5	102.7
95	33.3	27.2	40.8



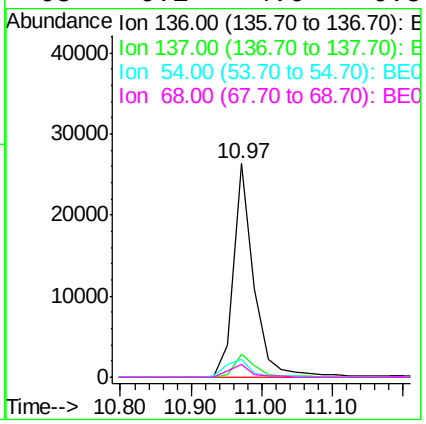


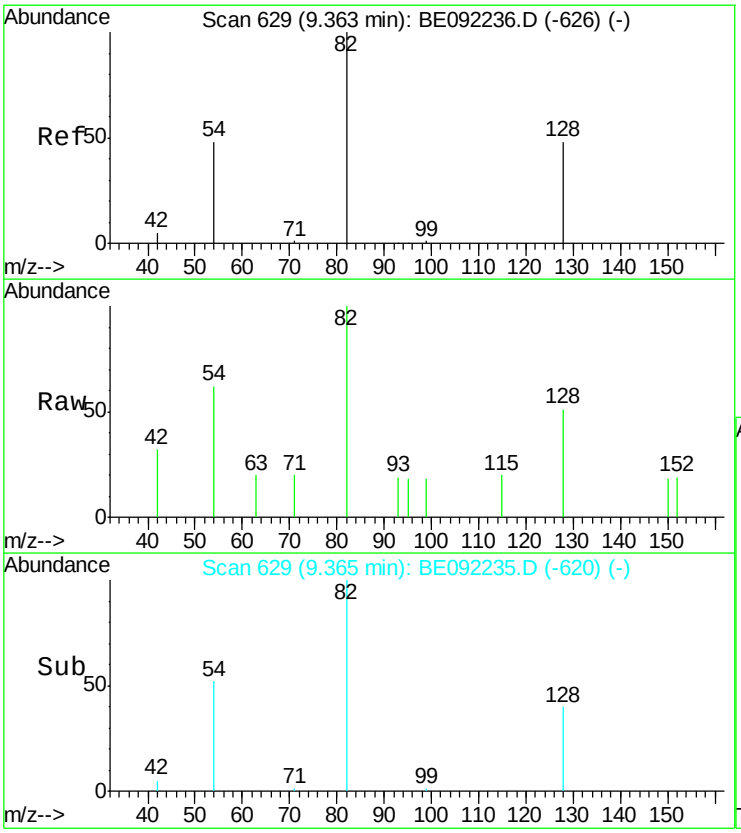
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 52618

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.7	6.2	9.4
68	6.1	4.6	6.8

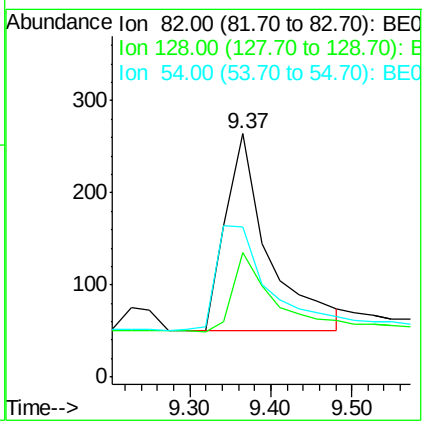


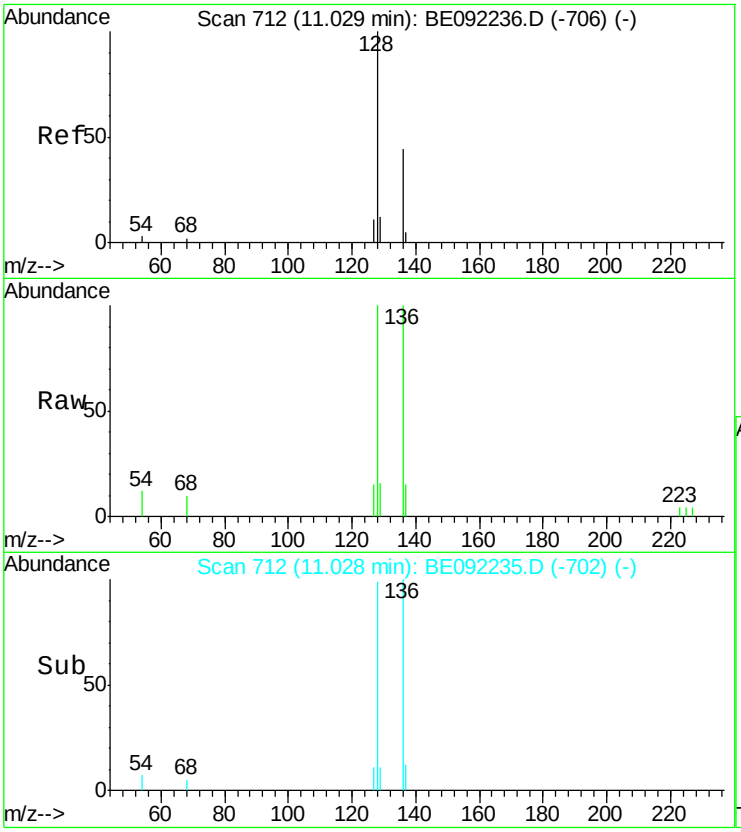


#8
Nitrobenzene-d5
Concen: 0.21 ng
RT: 9.37 min Scan# 629
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion: 82 Resp: 796

Ion	Ratio	Lower	Upper
82	100		
128	51.1	45.0	67.4
54	61.7	45.4	68.2



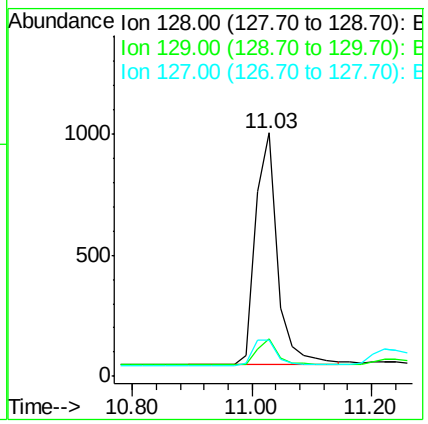


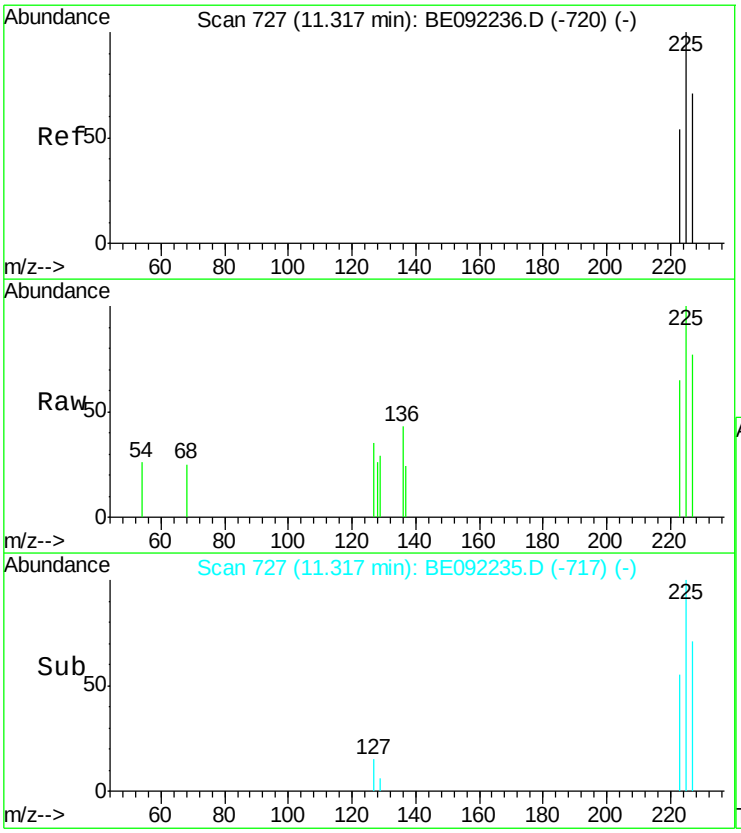
#9
Naphthalene
Concen: 0.20 ng
RT: 11.03 min Scan# 712
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 2411

Ion	Ratio	Lower	Upper
128	100		
129	15.6	11.5	17.3
127	15.0	11.0	16.6

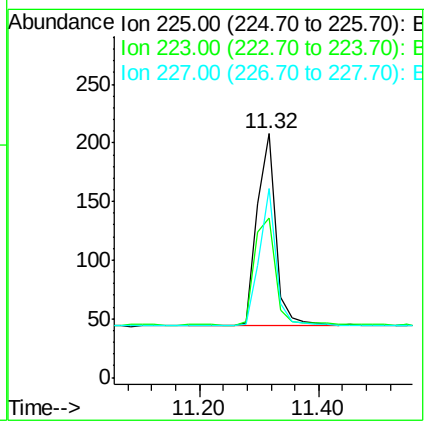


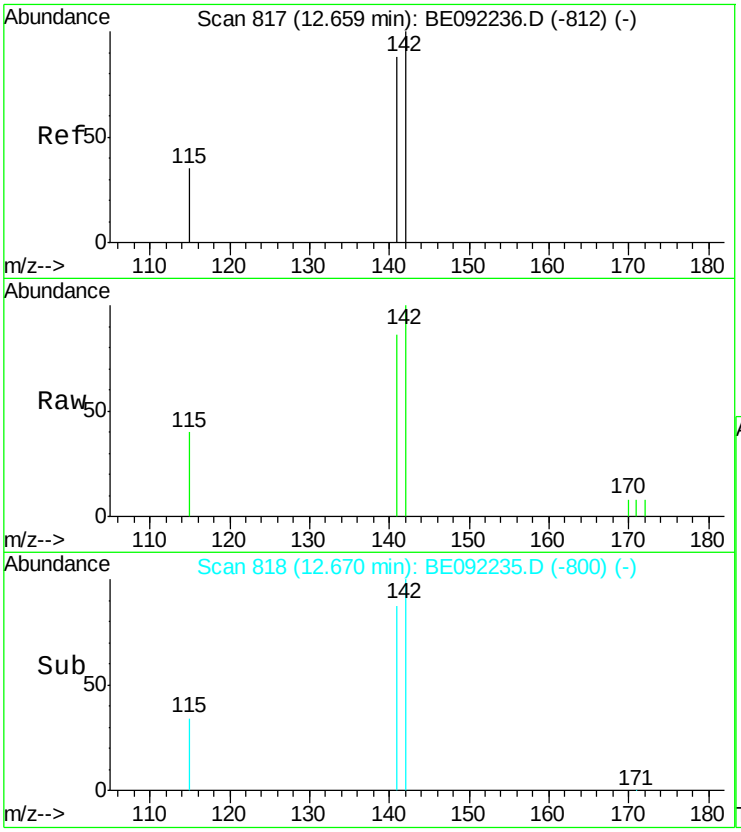


#10
Hexachlorobutadiene
Concen: 0.21 ng
RT: 11.32 min Scan# 727
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:225 Resp: 354

Ion	Ratio	Lower	Upper
225	100		
223	65.3	52.2	78.4
227	64.1	51.0	76.6



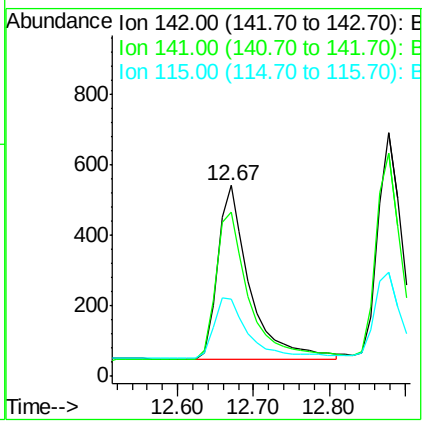


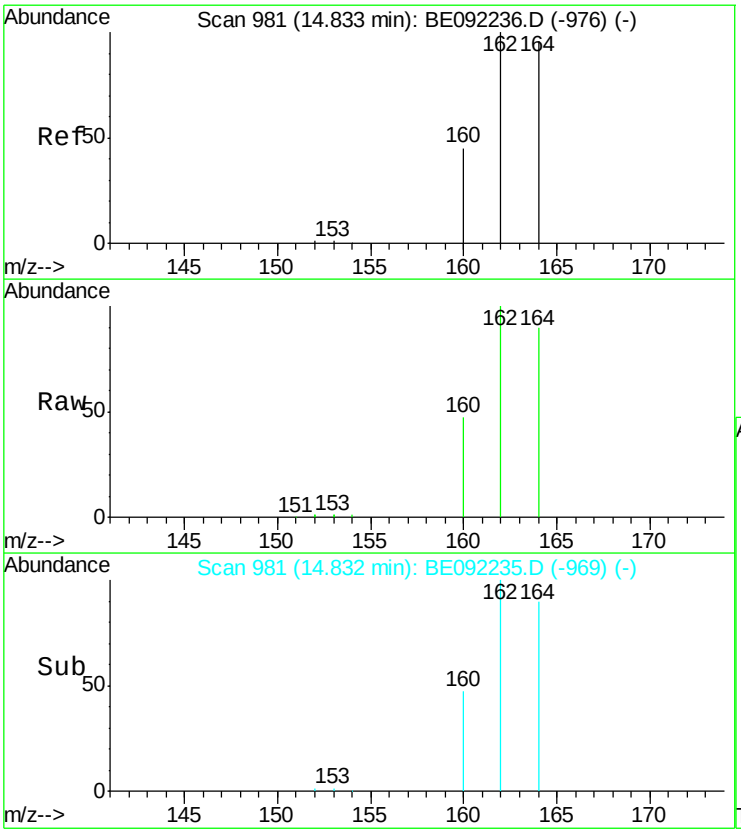
#11
2-Methylnaphthalene
Concen: 0.20 ng
RT: 12.67 min Scan# 818
Delta R.T. 0.01 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:142 Resp: 1445

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.6	105.8
115	40.4	31.0	46.4

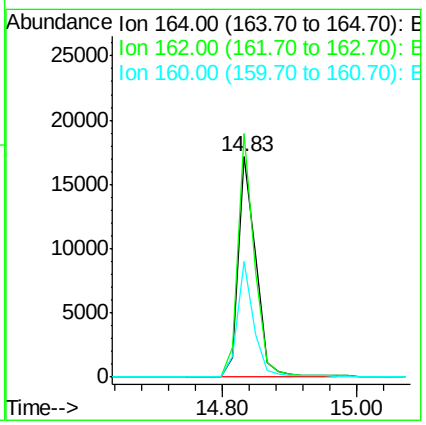


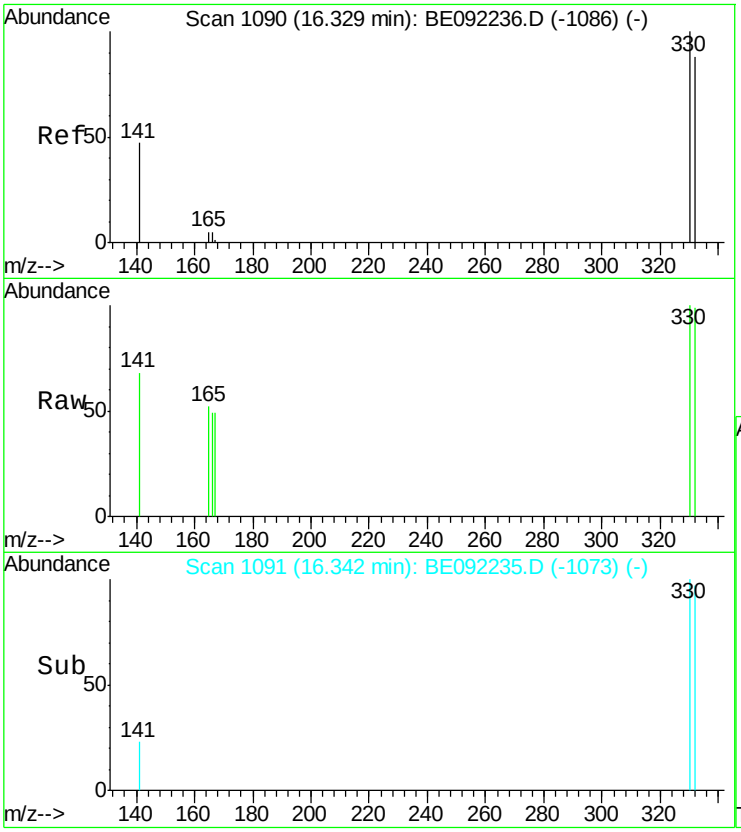


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.83 min Scan# 981
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:164 Resp: 30711

Ion	Ratio	Lower	Upper
164	100		
162	110.6	83.3	124.9
160	52.3	38.0	57.0



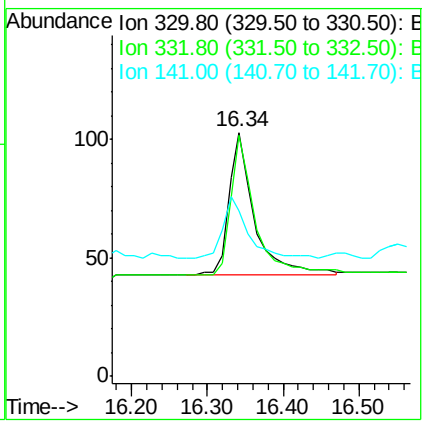


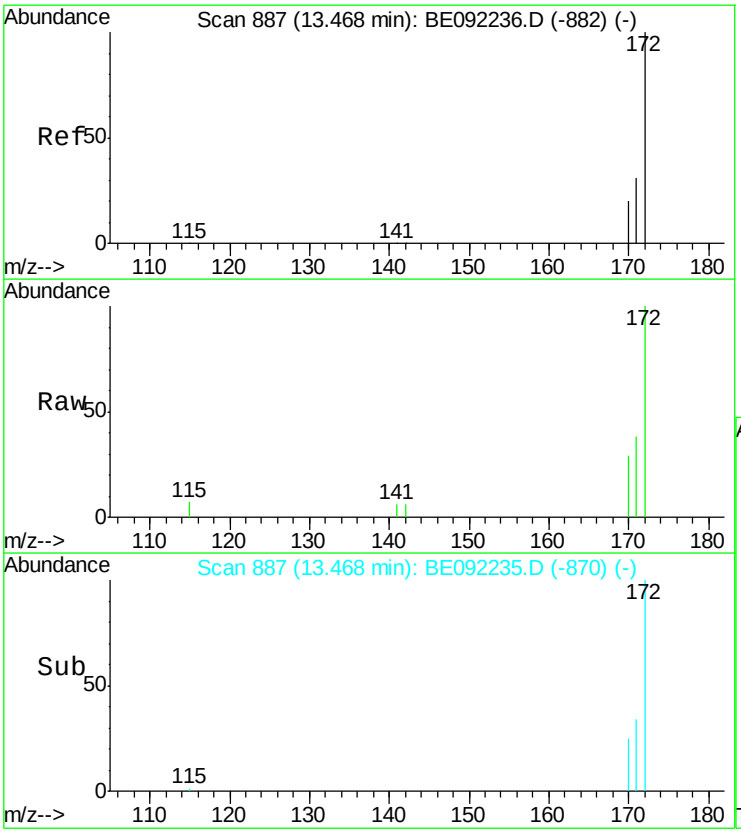
#13
2,4,6-Tribromophenol
Concen: 0.15 ng
RT: 16.34 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:330 Resp: 140

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.4	113.0
141	42.9	37.7	56.5

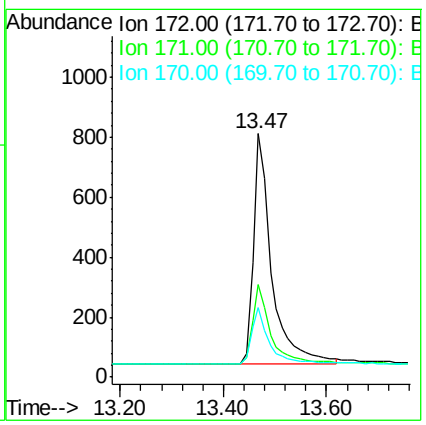


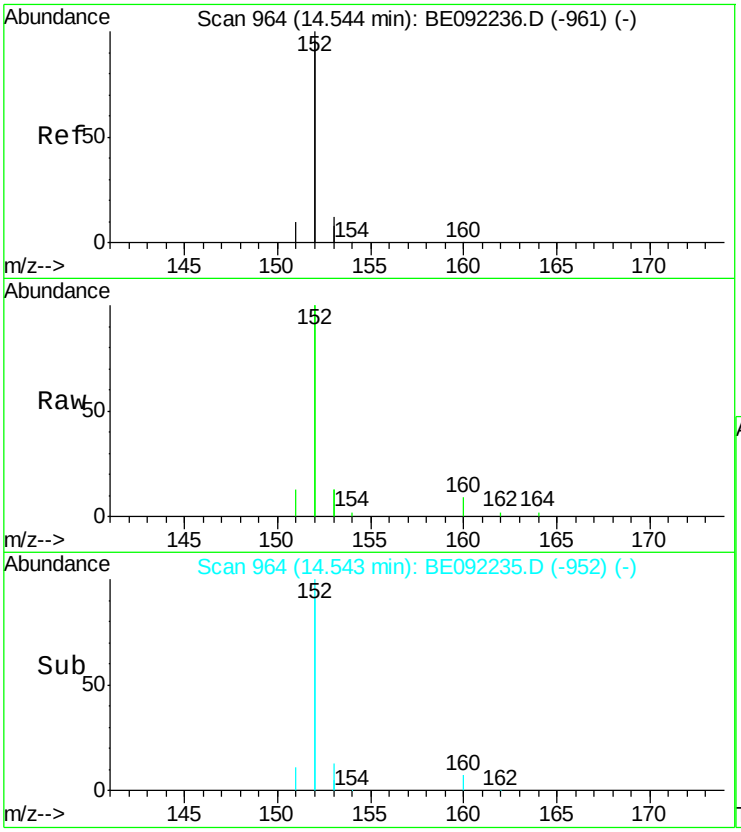


#14
2-Fluorobiphenyl
Concen: 0.20 ng
RT: 13.47 min Scan# 887
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:172 Resp: 1882

Ion	Ratio	Lower	Upper
172	100		
171	37.8	26.8	40.2
170	28.8	17.8	26.6#



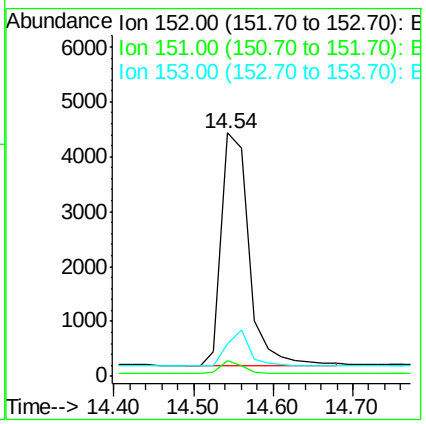


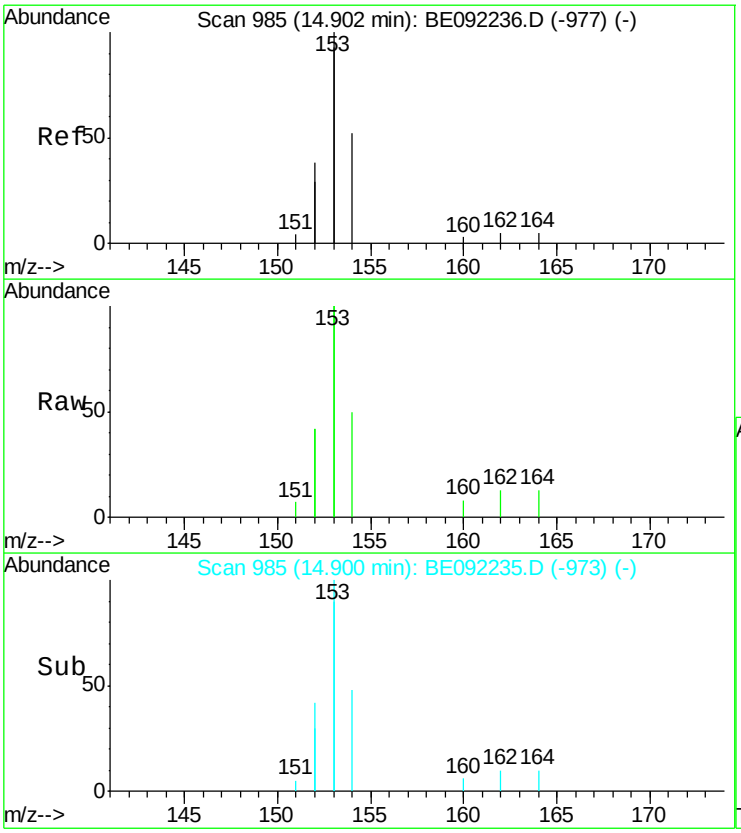
#15
Acenaphthylene
Concen: 0.19 ng
RT: 14.54 min Scan# 964
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 10193

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.8	5.8
153	13.4	10.2	15.2

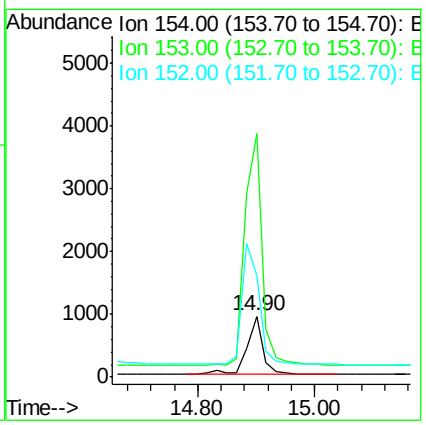


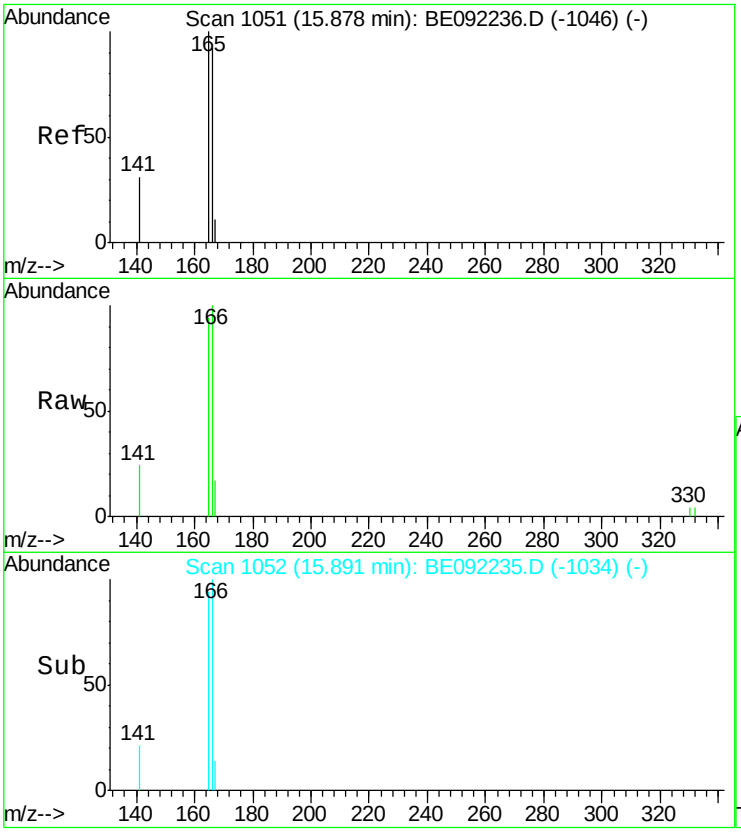


#16
Acenaphthene
Concen: 0.21 ng
RT: 14.90 min Scan# 985
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:154 Resp: 1757

Ion	Ratio	Lower	Upper
154	100		
153	433.6	355.0	532.4
152	221.9	179.7	269.5



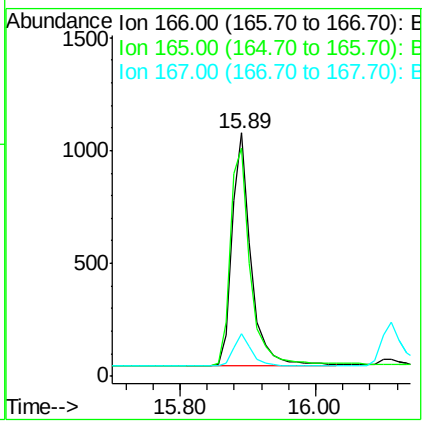


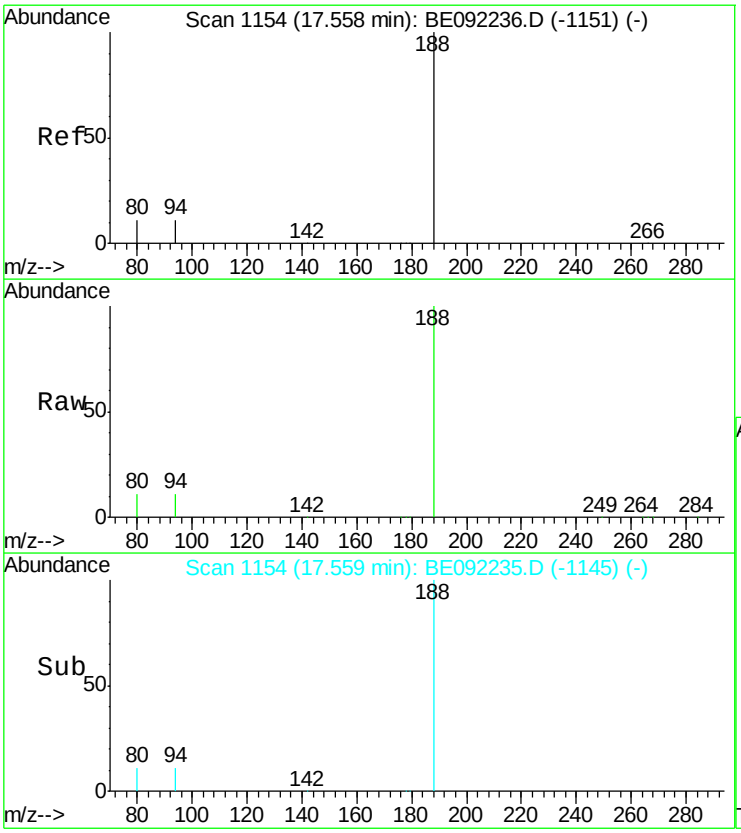
#17
Fluorene
Concen: 0.20 ng
RT: 15.89 min Scan# 1052
Delta R.T. 0.01 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:166 Resp: 2020

Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.1	120.1
167	13.2	10.6	16.0

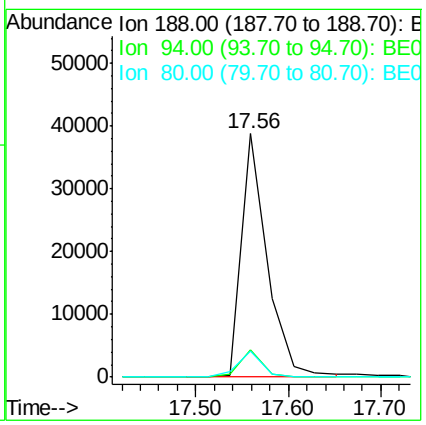


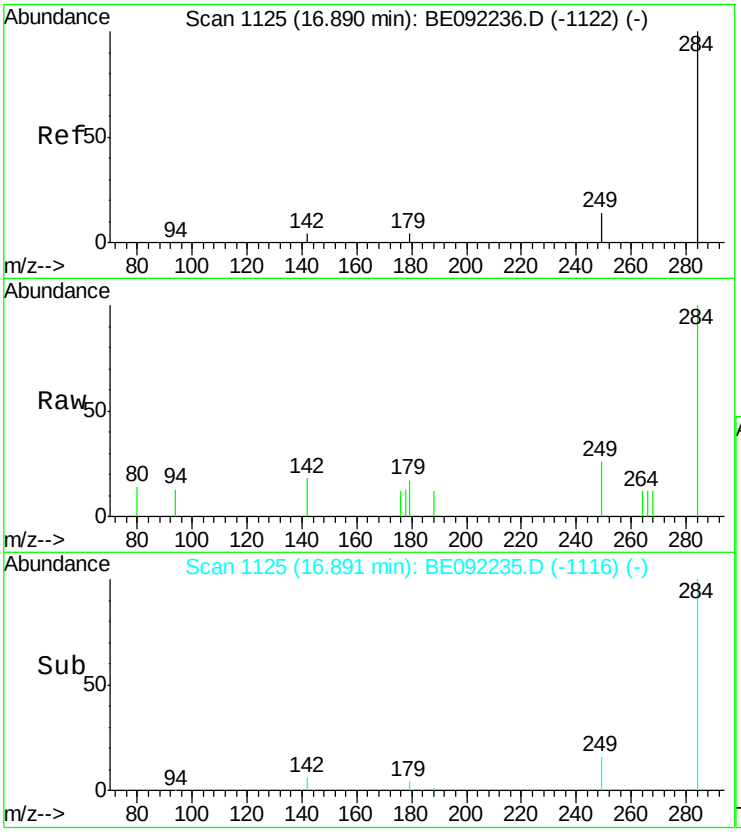


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:188 Resp: 74838

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.2	13.8
80	10.9	9.1	13.7



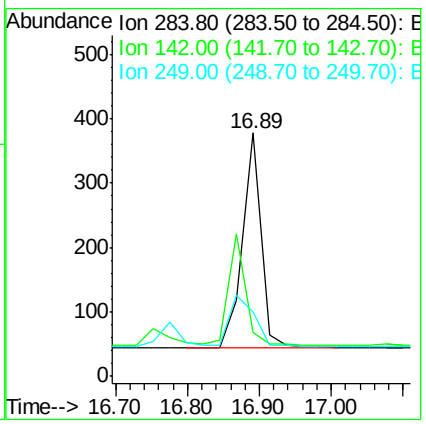


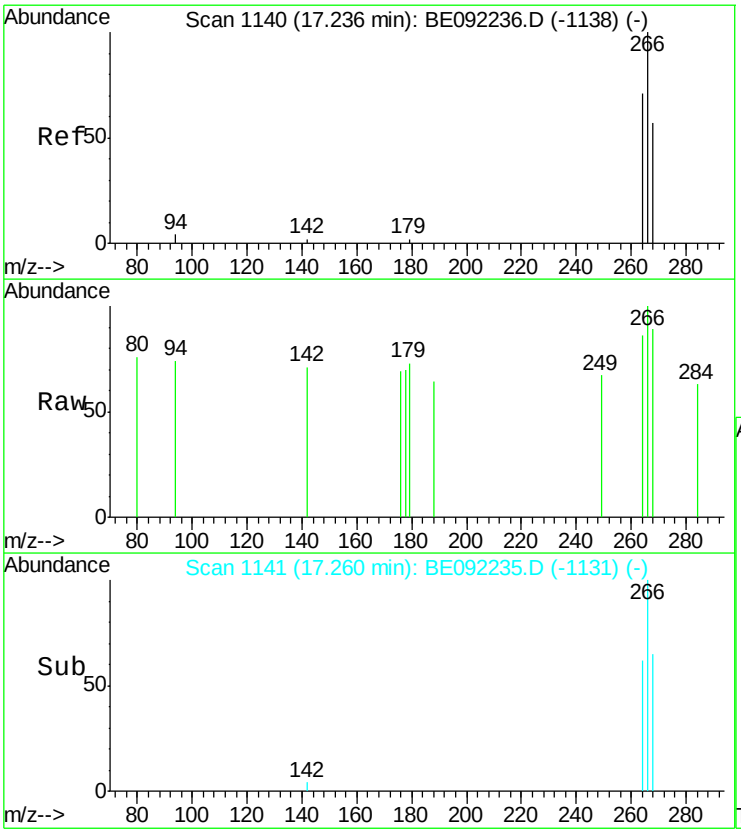
#19
Hexachlorobenzene
Concen: 0.21 ng
RT: 16.89 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 610

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

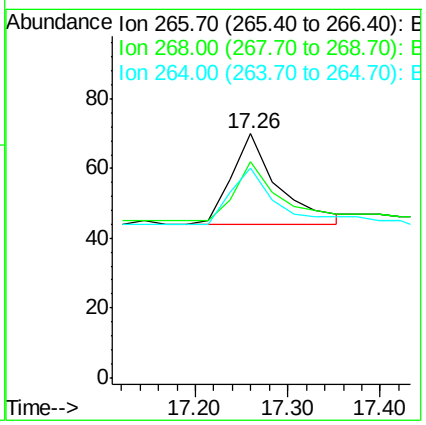


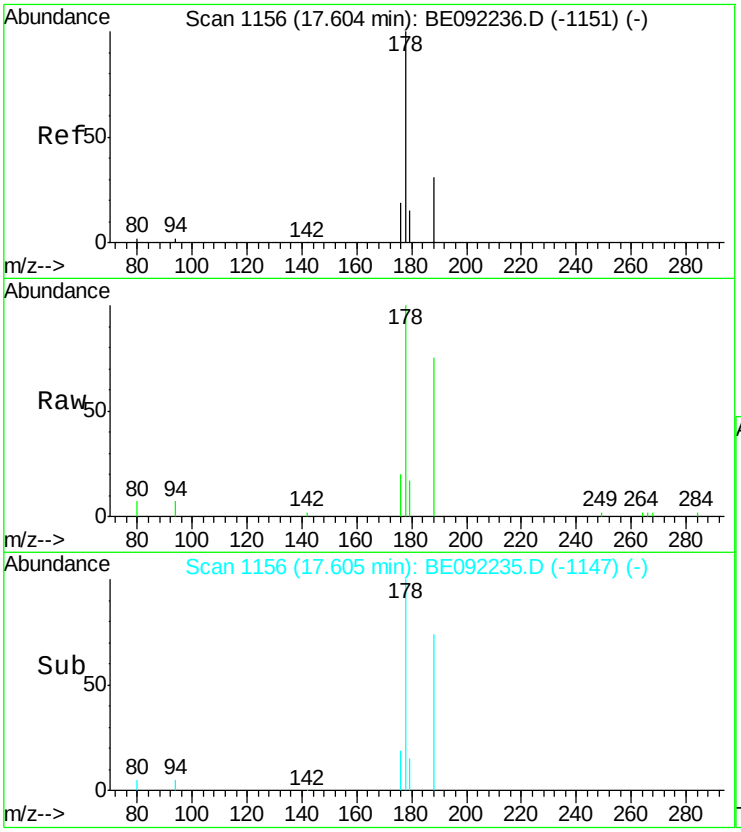


#20
Pentachlorophenol
Concen: 0.12 ng
RT: 17.26 min Scan# 1141
Delta R.T. 0.02 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:266 Resp: 91

Ion	Ratio	Lower	Upper
266	100		
268	88.6	62.3	93.5
264	85.7	67.4	101.0



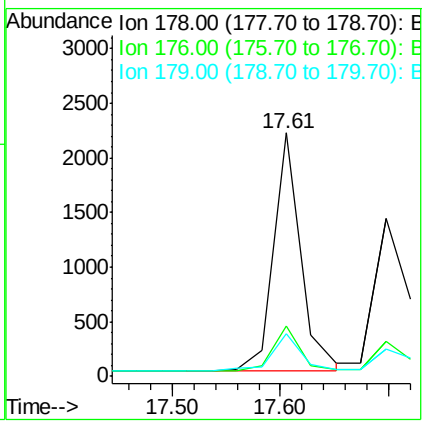


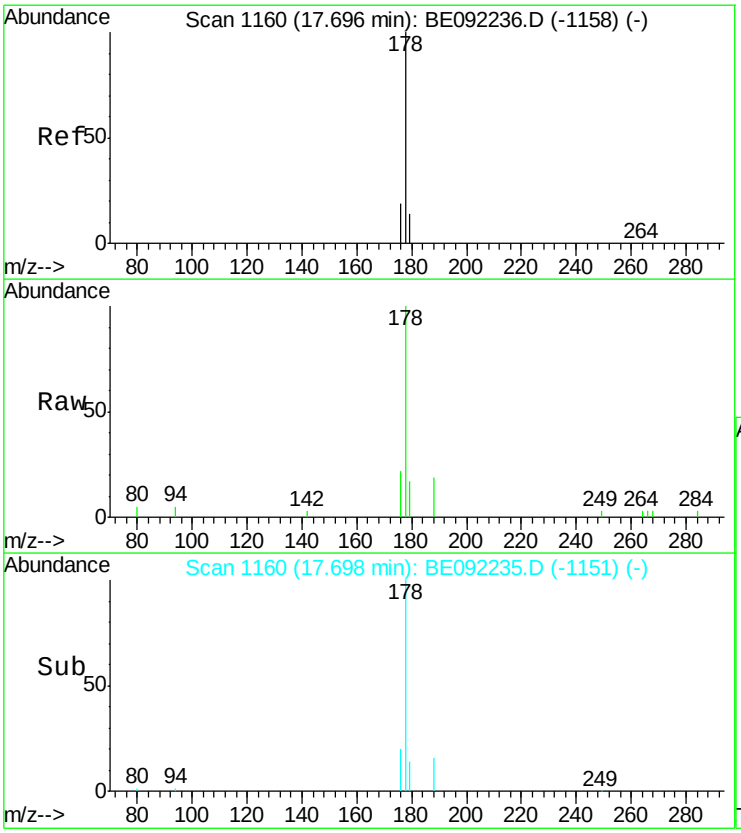
#21
Phenanthrene
Concen: 0.20 ng
RT: 17.61 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 3851

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.1	22.7
179	17.1	12.9	19.3

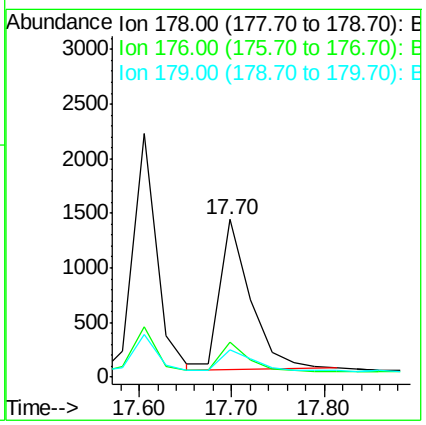


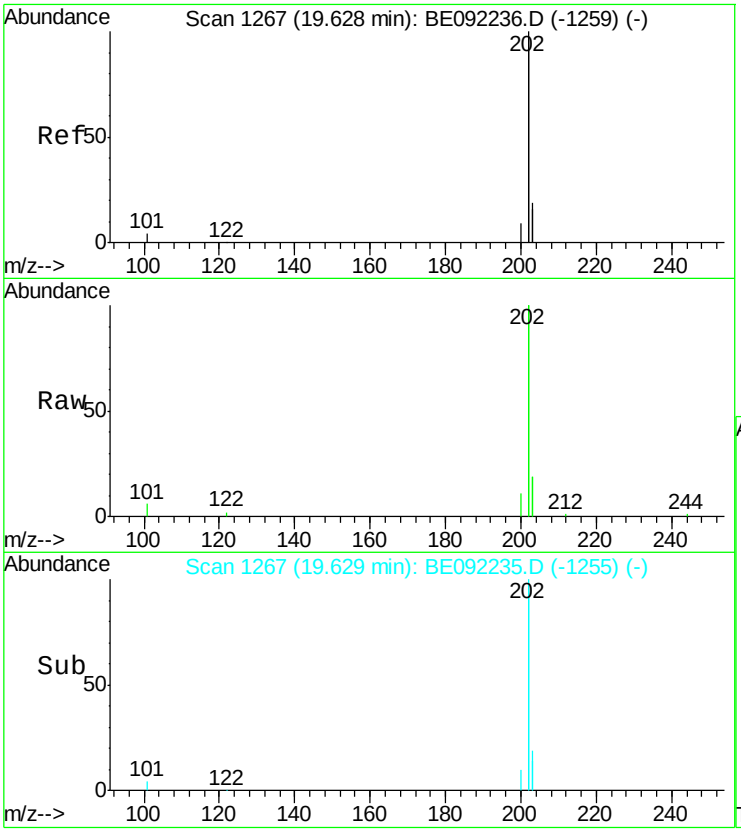


#22
Anthracene
Concen: 0.18 ng
RT: 17.70 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:178 Resp: 3166

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	14.8	12.0	18.0



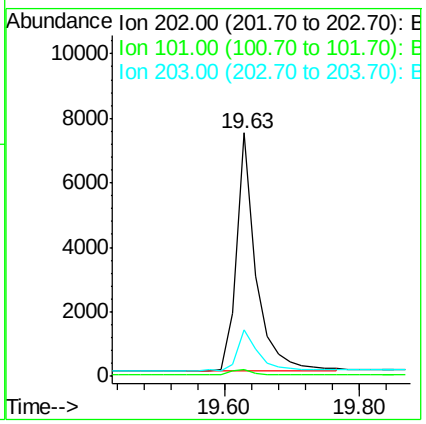


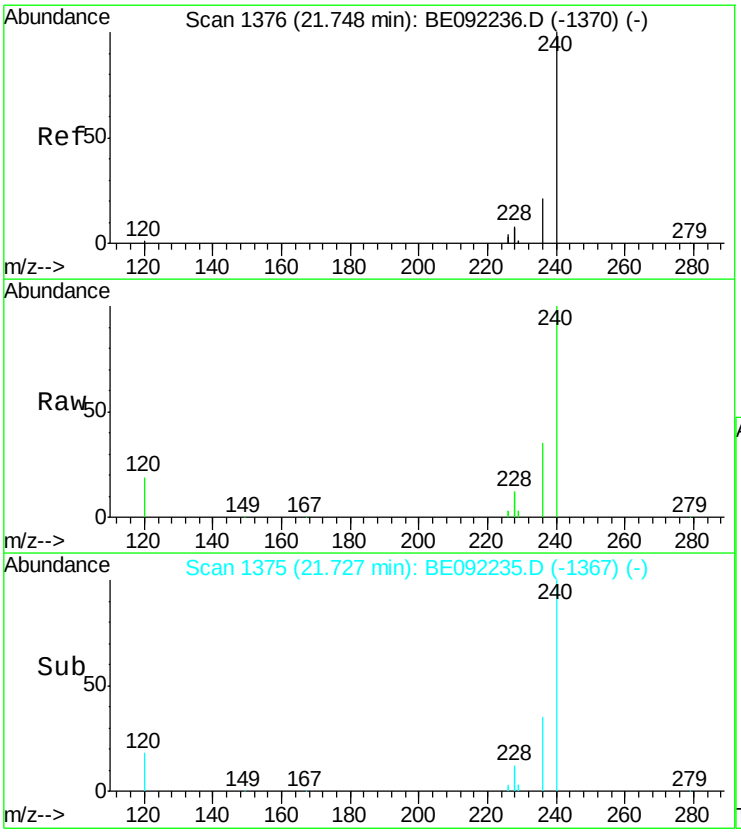
#23
Fluoranthene
Concen: 0.19 ng
RT: 19.63 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 14641

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

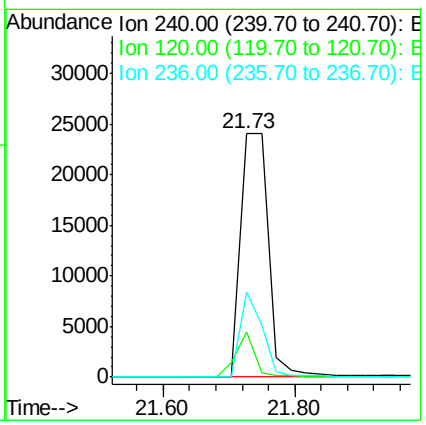


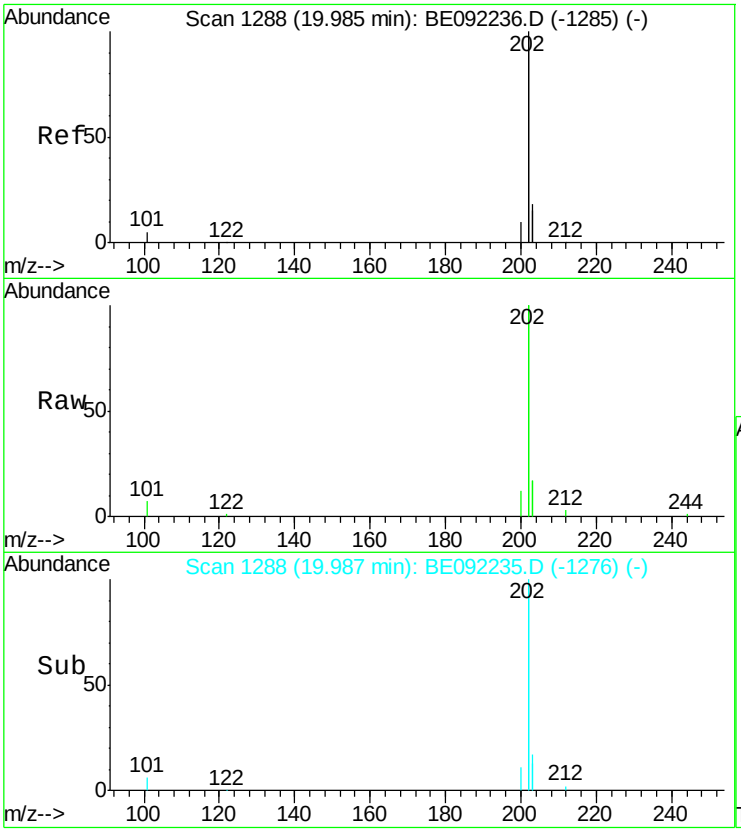


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:240 Resp: 69805

Ion	Ratio	Lower	Upper
240	100		
120	18.7	1.2	1.8#
236	34.7	17.1	25.7#



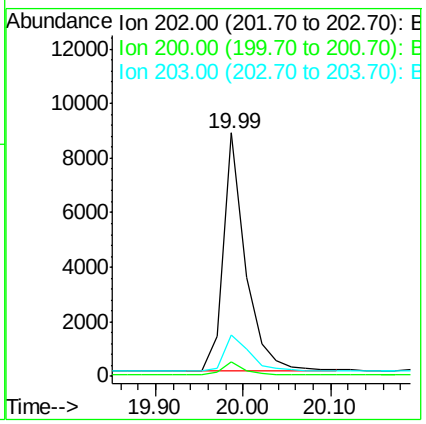


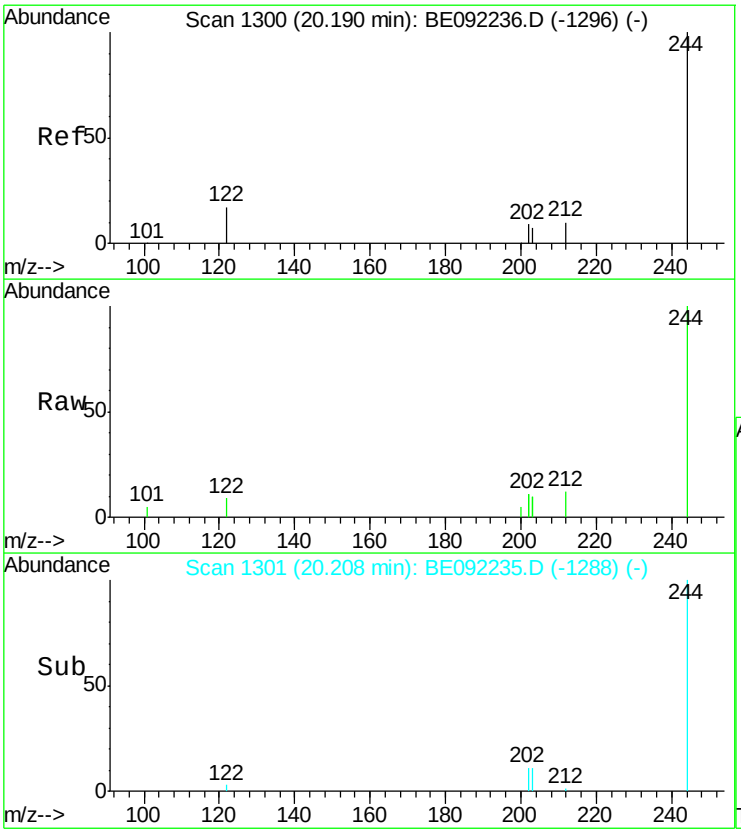
#25
Pyrene
Concen: 0.19 ng
RT: 19.99 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 15563

Ion	Ratio	Lower	Upper
202	100		
200	5.3	4.2	6.4
203	17.5	14.0	21.0

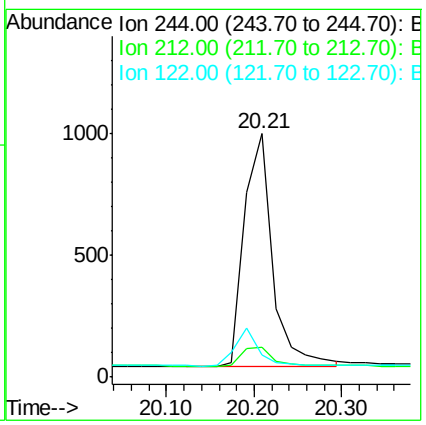


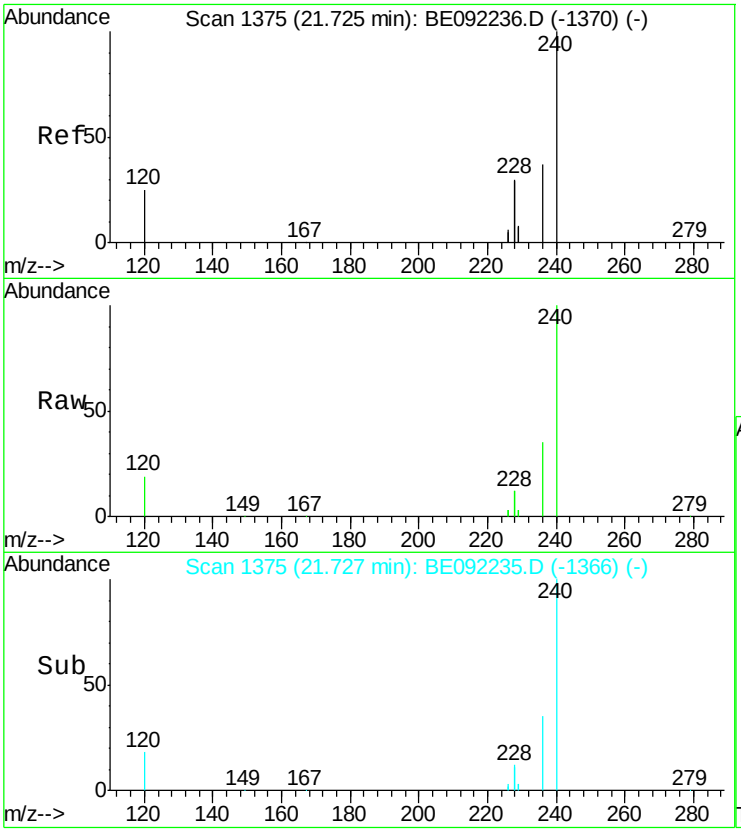


#26
Terphenyl-d14
Concen: 0.18 ng
RT: 20.21 min Scan# 1301
Delta R.T. 0.02 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:244 Resp: 2141

Ion	Ratio	Lower	Upper
244	100		
212	12.1	10.2	15.2
122	9.1	15.9	23.9#



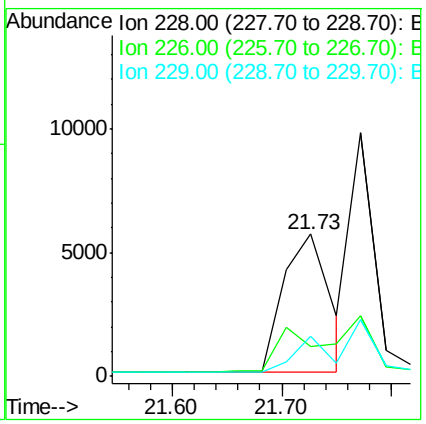


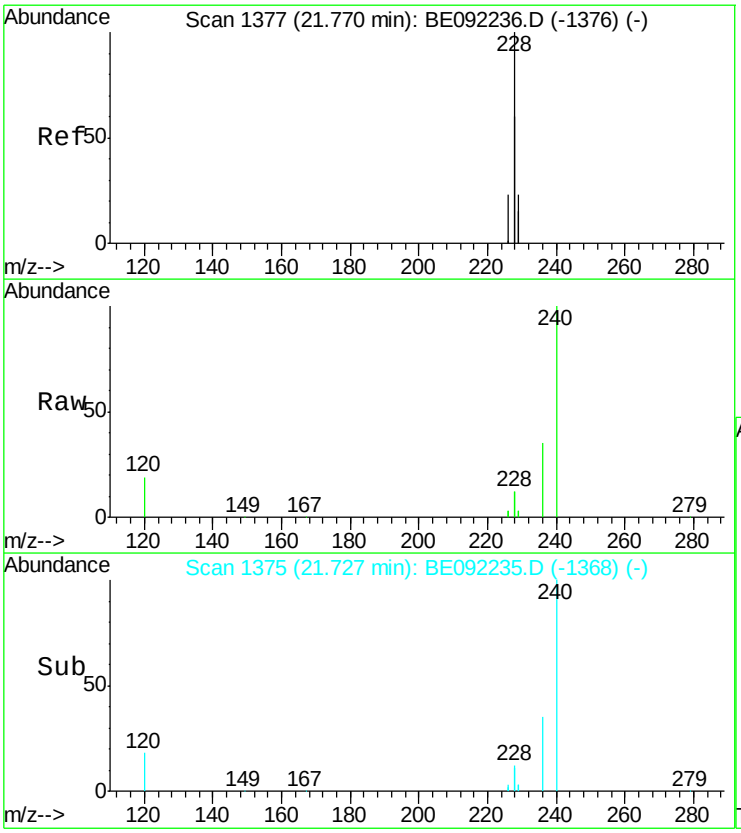
#27
Benzo(a)anthracene
Concen: 0.19 ng
RT: 21.73 min Scan# 1375
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16257

Ion	Ratio	Lower	Upper
228	100		
226	21.1	15.9	23.9
229	28.4	22.4	33.6

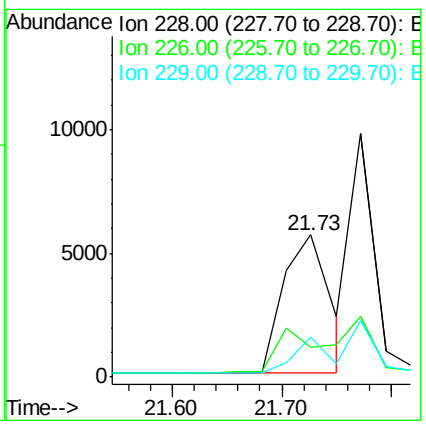


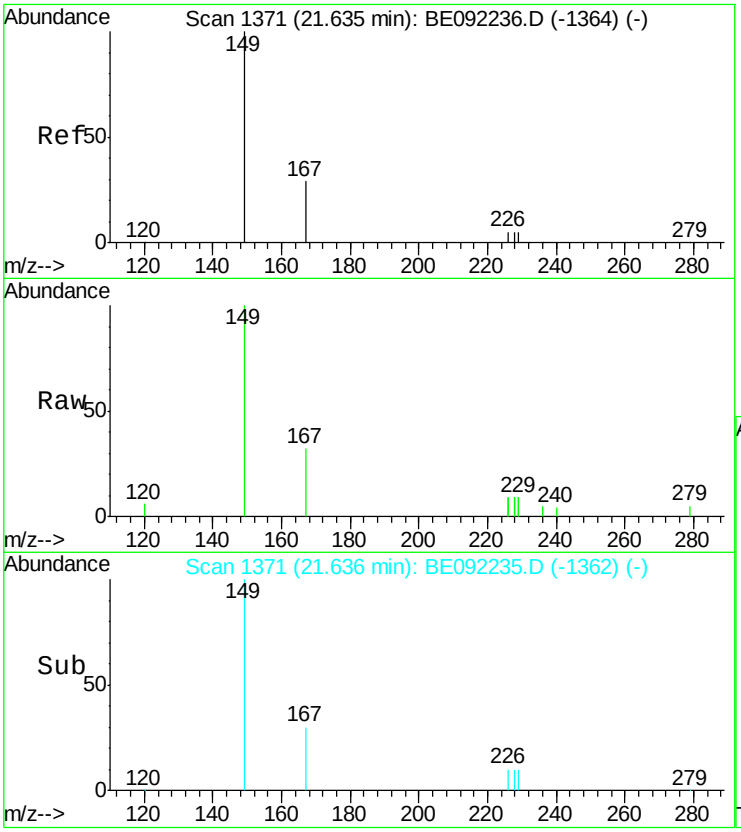


#28
Chrysene
Concen: 0.21 ng
RT: 21.73 min Scan# 1375
Delta R.T. -0.04 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:228 Resp: 16257

Ion	Ratio	Lower	Upper
228	100		
226	21.1	18.3	27.5
229	28.4	18.6	27.8#



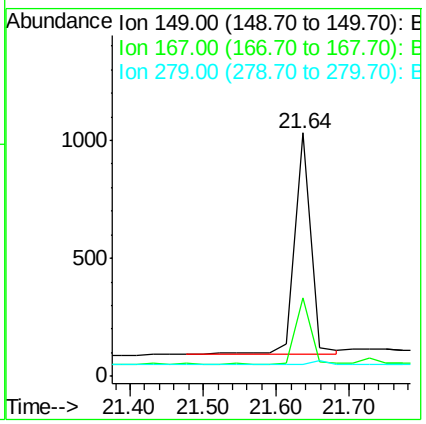


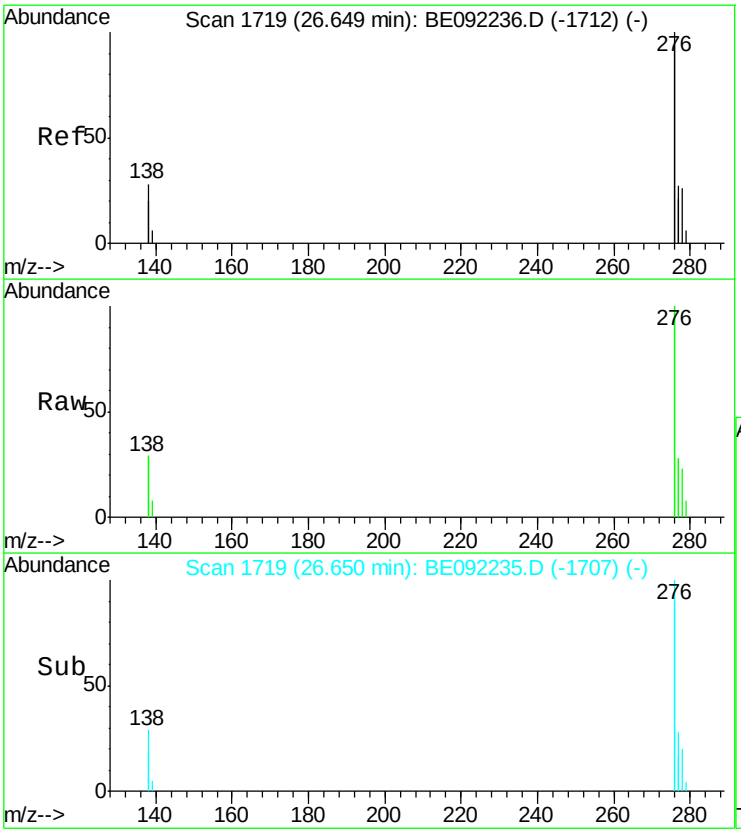
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.13 ng
RT: 21.64 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 1429

Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.1	33.1
279	0.0	0.0	0.0

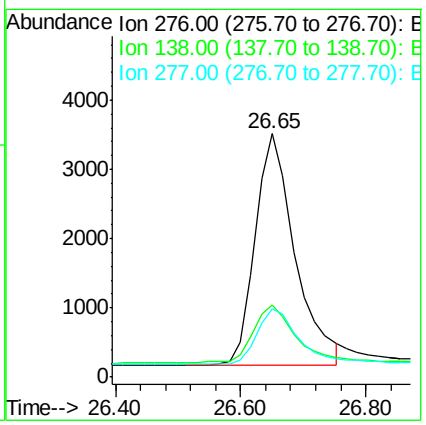


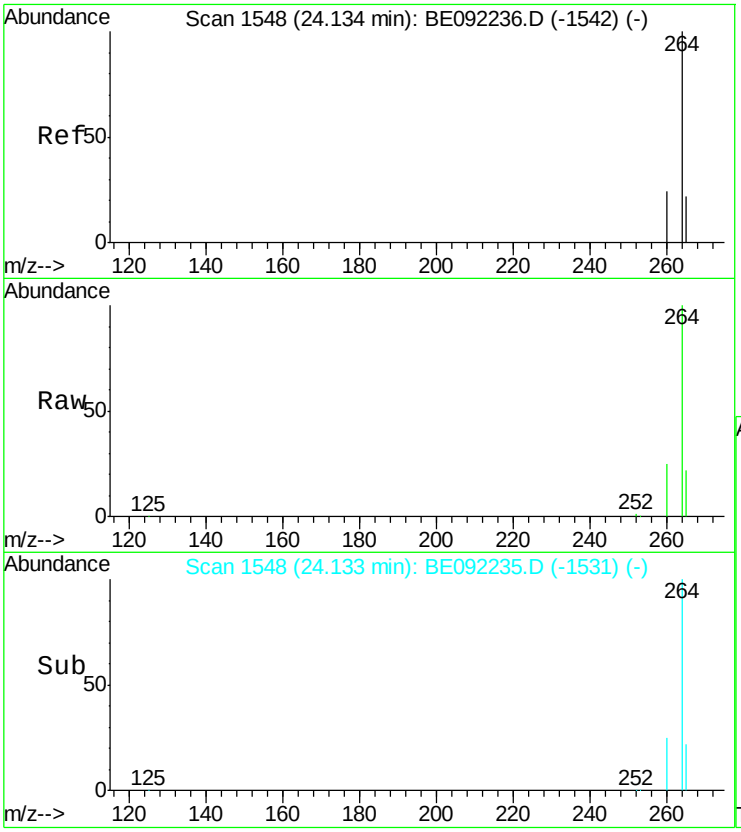


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.18 ng
RT: 26.65 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:276 Resp: 14642

Ion	Ratio	Lower	Upper
276	100		
138	26.9	21.3	31.9
277	24.7	19.7	29.5



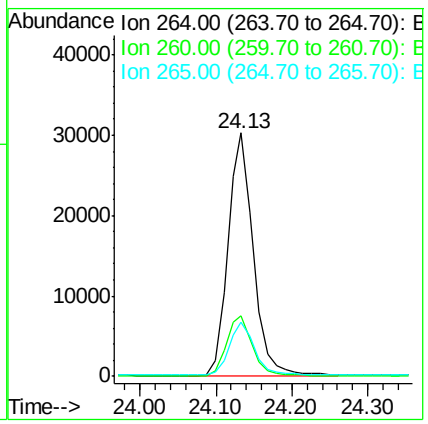


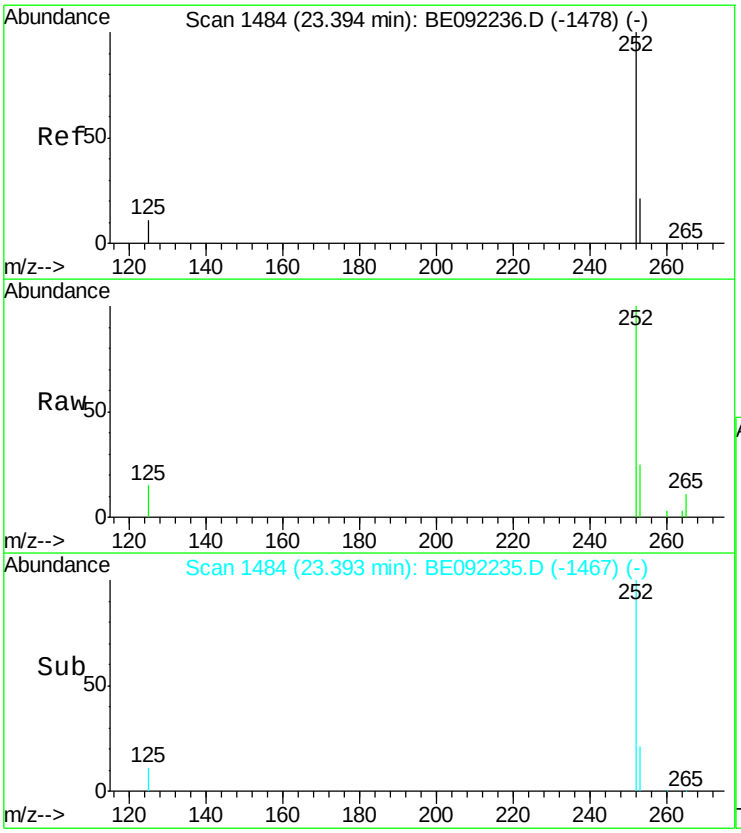
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.13 min Scan# 1548
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 71302

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.2	18.2	27.4

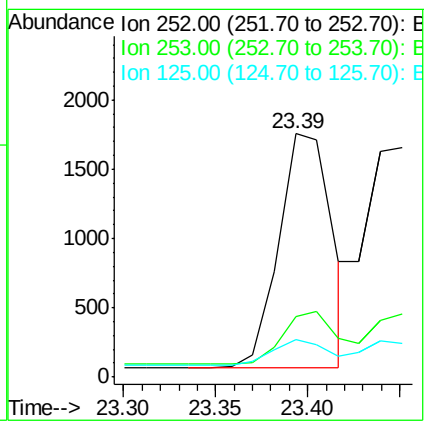


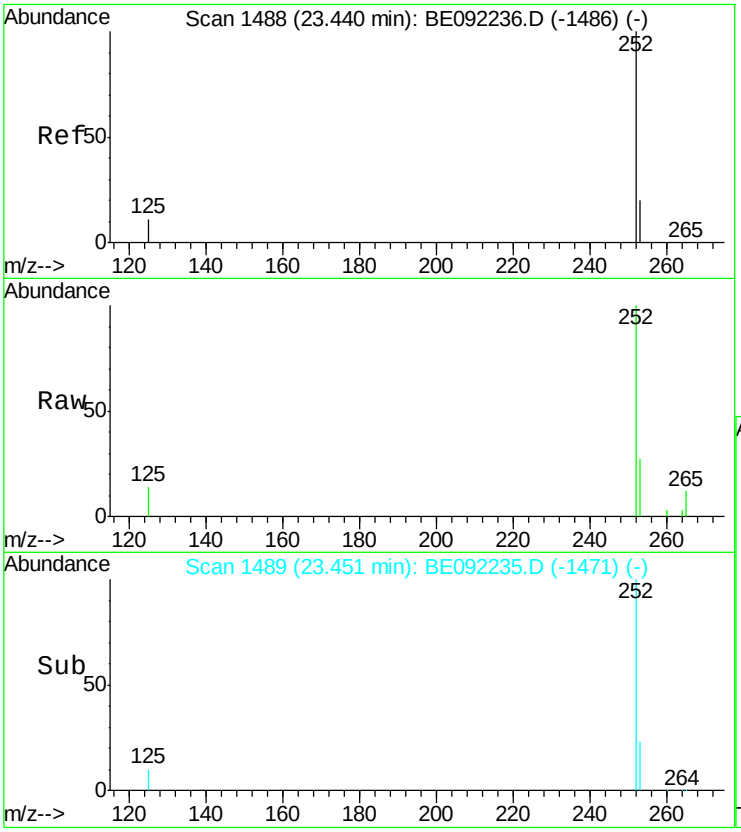


#32
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 23.39 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:252 Resp: 3401

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.0	28.4
125	15.4	10.3	15.5



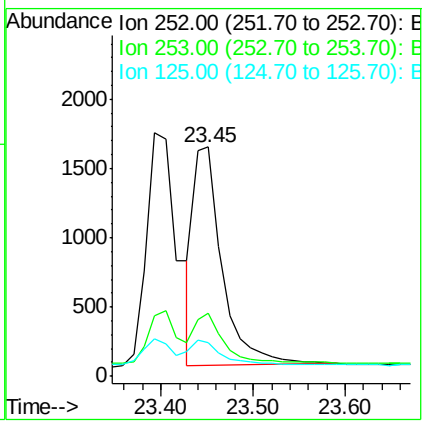


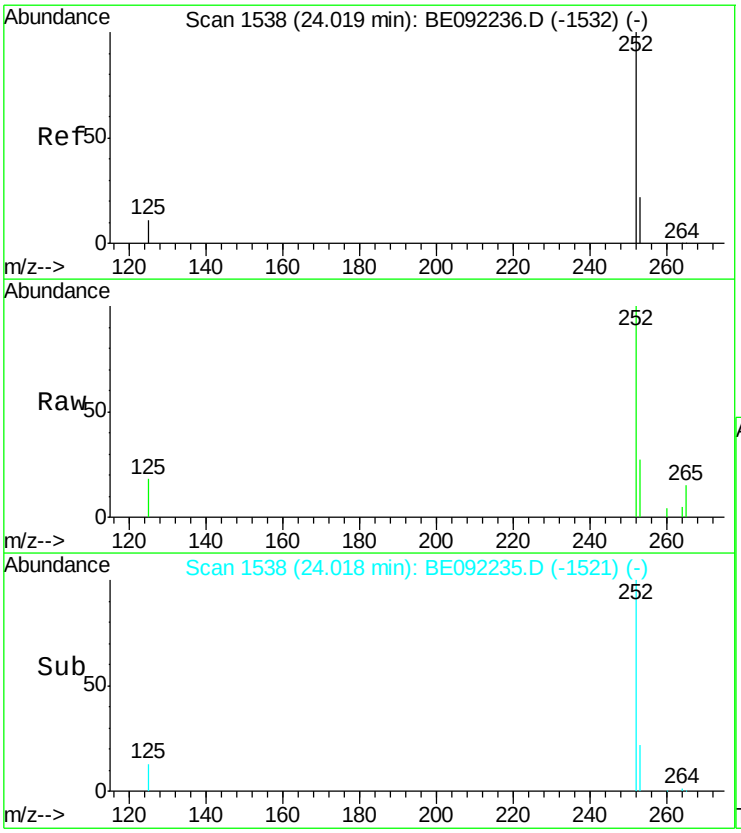
#33
Benzo(k)fluoranthene
Concen: 0.17 ng
RT: 23.45 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 3380

Ion	Ratio	Lower	Upper
252	100		
253	27.4	19.0	28.6
125	14.5	10.6	15.8

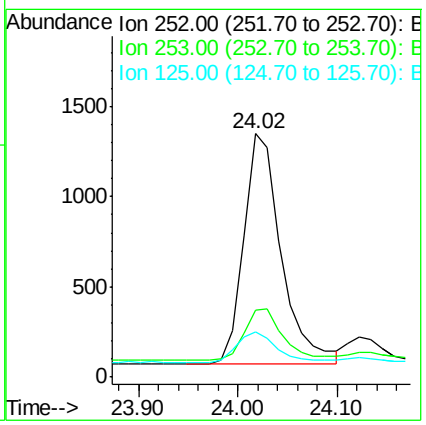


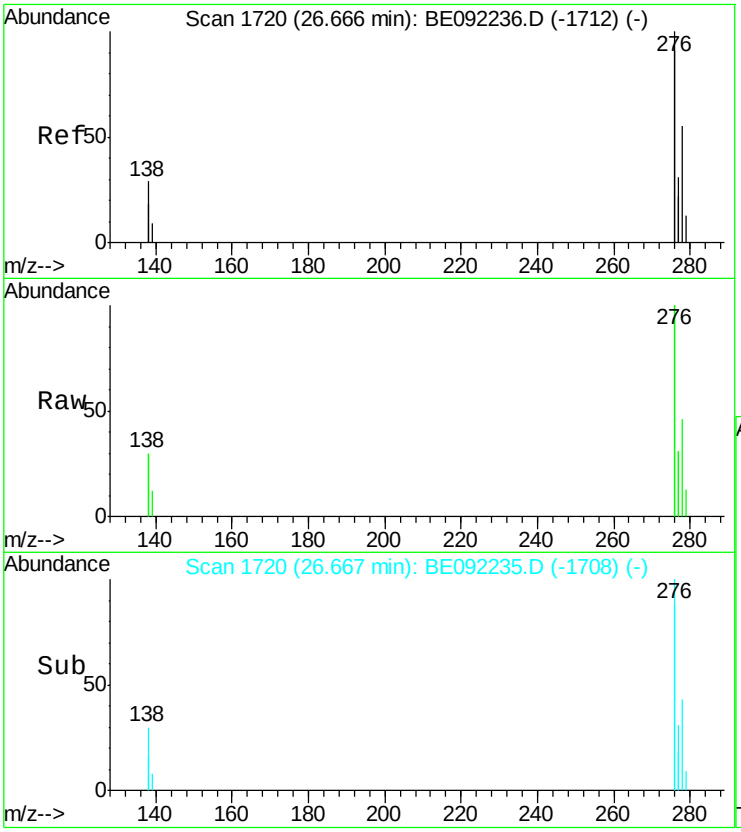


#34
Benzo(a)pyrene
Concen: 0.19 ng
RT: 24.02 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:252 Resp: 3365

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.3	30.5
125	18.4	11.8	17.6#



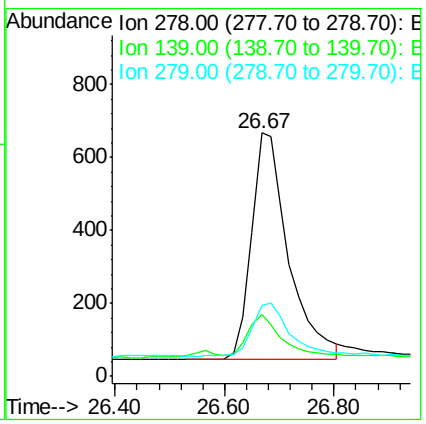


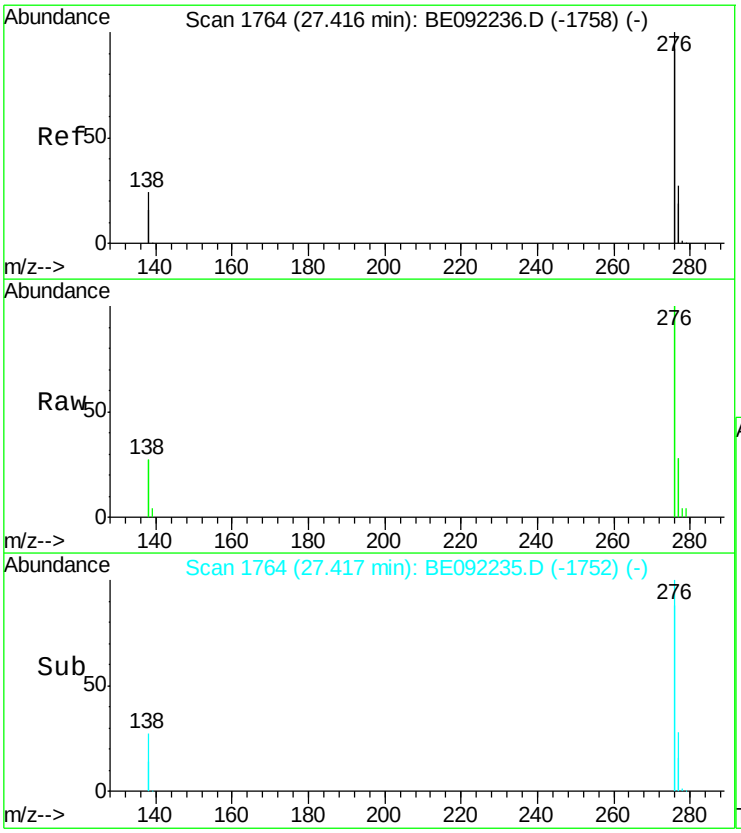
#35
Dibenzo(a,h)anthracene
Concen: 0.18 ng
RT: 26.67 min Scan# 1720
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 2930

Ion	Ratio	Lower	Upper
278	100		
139	25.4	16.2	24.2#
279	28.9	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.19 ng
RT: 27.42 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BE092235.D
Acq: 9 Aug 2016 19:24

Tgt Ion:276 Resp: 13444

Ion	Ratio	Lower	Upper
276	100		
277	28.1	21.4	32.2
138	27.2	19.4	29.2