Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092531.D
Acq On : 16 Nov 2016 12:17
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Quant Time: Nov 16 13:48:15 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	7022	5.00	ng		-0.02
7) Naphthalene-d8	10.93	136	34333	5.00	ng		0.00
12) Acenaphthene-d10	14.80	164	23900	5.00	ng		0.00
18) Phenanthrene-d10	17.56	188	55615	5.00	ng		0.00
24) Chrysene-d12	21.72	240	74705	5.00	ng		0.00
31) Perylene-d12	24.09	264	67403	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.67	112	974	0.63	ng		0.00
5) Phenol-d6	7.34	99	1240	0.60	ng		-0.02
8) Nitrobenzene-d5	9.34	82	1533	0.68	ng		-0.02
13) 2,4,6-Tribromophenol	16.30	330	404	0.60	ng		-0.01
14) 2-Fluorobiphenyl	13.42	172	4623	0.78	ng		-0.01
26) Terphenyl-d14	20.17	244	6628	0.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	772	0.71	ng		99
3) n-Nitrosodimethylamine	3.77	42	726	0.57	ng	#	96
6) bis(2-Chloroethyl)ether	7.59	93	1372	0.61	ng	#	28
9) Naphthalene	10.97	128	5576	0.75	ng		95
10) Hexachlorobutadiene	11.26	225	856	0.76	ng		99
11) 2-Methylnaphthalene	12.62	142	3543	0.73	ng		90
15) Acenaphthylene	14.51	152	25581	0.75	ng		99
16) Acenaphthene	14.87	154	4146	0.75	ng		92
17) Fluorene	15.85	166	5388	0.77	ng		99
19) Hexachlorobenzene	16.86	284	1588m	0.76	ng		
20) Pentachlorophenol	17.23	266	297	0.49	ng		97
21) Phenanthrene	17.60	178	9465	0.79	ng	#	74
22) Anthracene	17.69	178	8697	0.75	ng		99
23) Fluoranthene	19.59	202	45282	0.75	ng		100
25) Pyrene	19.95	202	47870	0.78	ng		100
27) Benzo(a)anthracene	21.70	228	52551m	0.69	ng		
28) Chrysene	21.77	228	53820m	0.66	ng		
29) Bis(2-ethylhexyl)phthalate	21.63	149	3157	0.40	ng	#	74
30) Indeno(1,2,3-cd)pyrene	26.57	276	56088	0.68	ng		98
32) Benzo(b)fluoranthene	23.36	252	13257m	0.52	ng		
33) Benzo(k)fluoranthene	23.41	252	12518	0.47	ng		97
34) Benzo(a)pyrene	23.97	252	11414	0.66	ng		97
35) Dibenzo(a,h)anthracene	26.58	278	11444	0.70	ng		95
36) Benzo(g,h,i)perylene	27.33	276	49250	0.73	ng		99

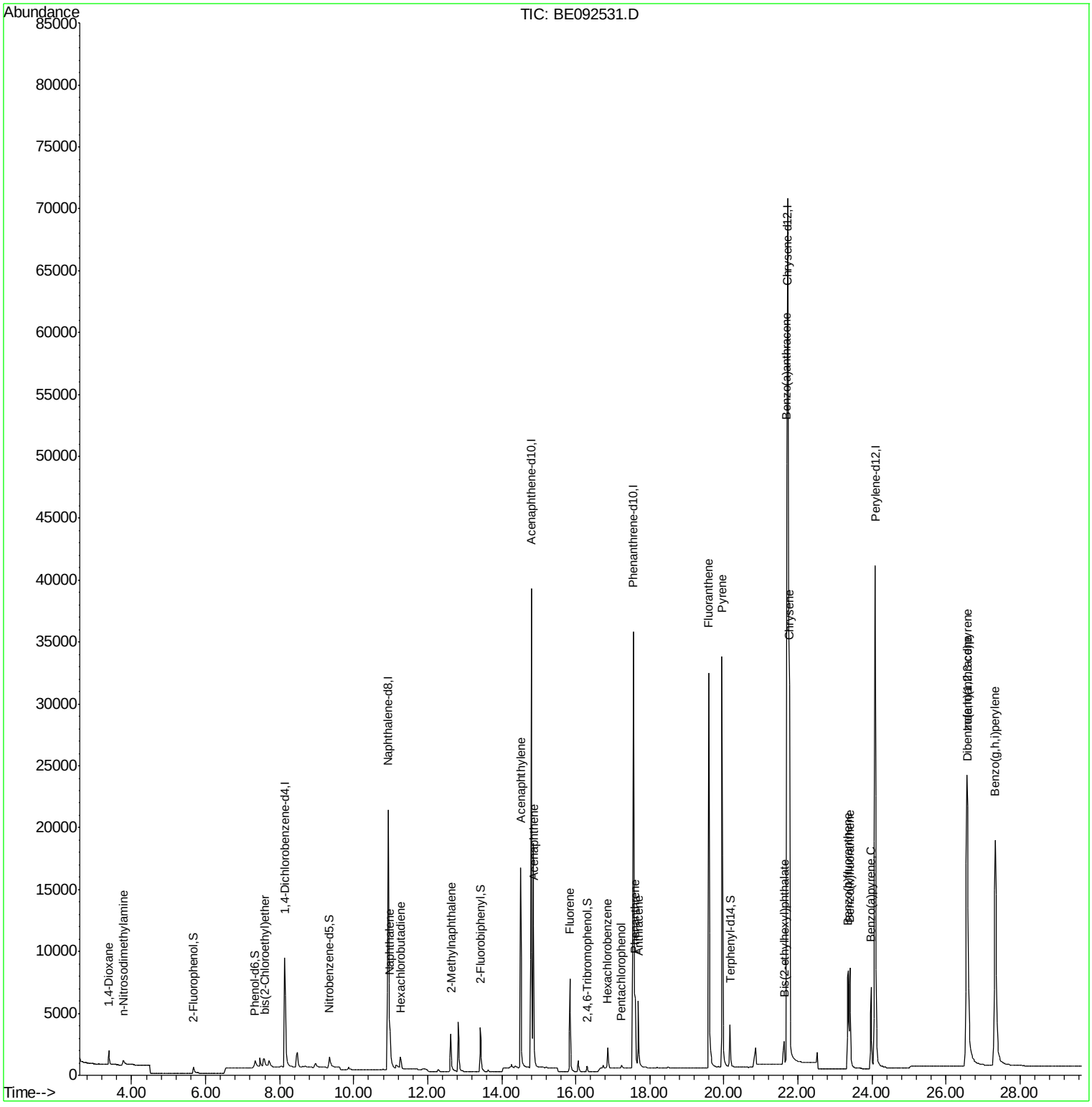
(#) = qualifier out of range (m) = manual integration (+) = signals summed

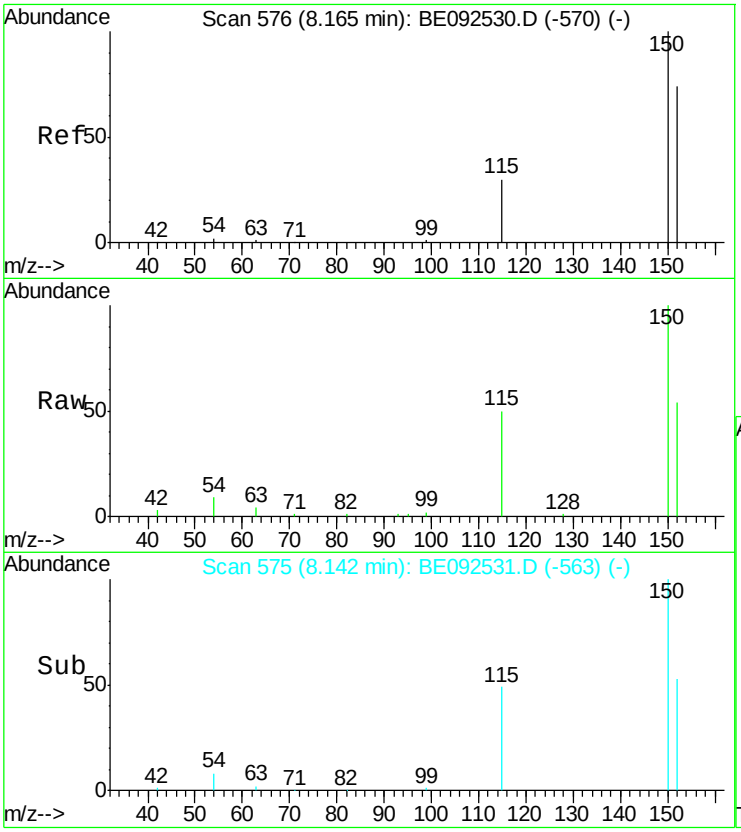
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE111616\
Data File : BE092531.D
Acq On : 16 Nov 2016 12:17
Operator : UM/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Quant Time: Nov 16 13:48:15 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE111616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 13:29:35 2016
Response via : Initial Calibration



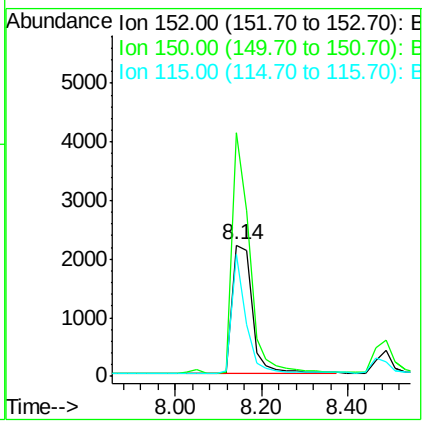


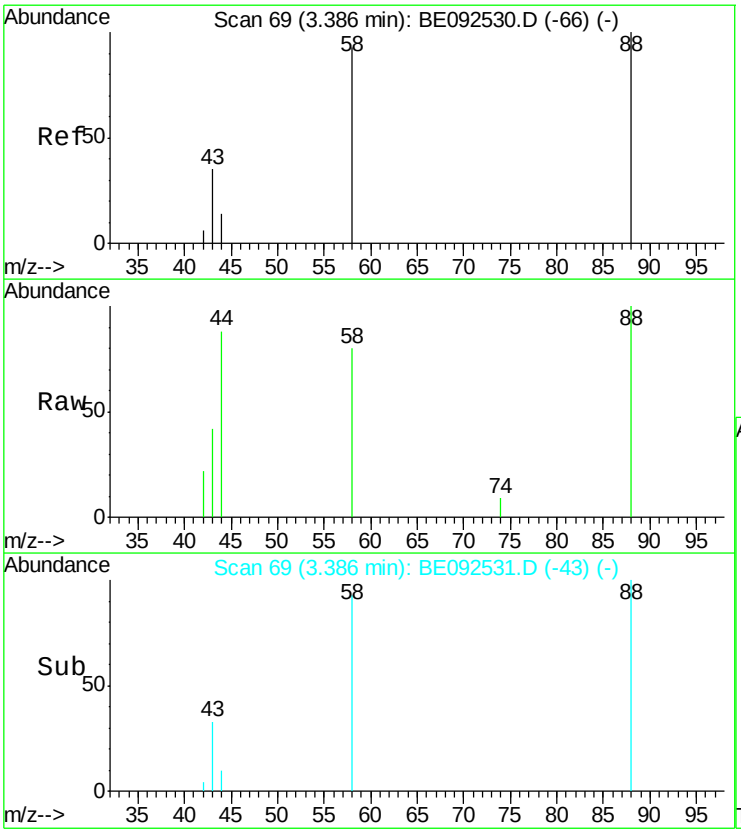
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.14 min Scan# 575
Delta R.T. -0.02 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 7022

Ion	Ratio	Lower	Upper
152	100		
150	185.3	106.0	159.0#
115	93.0	31.2	46.8#

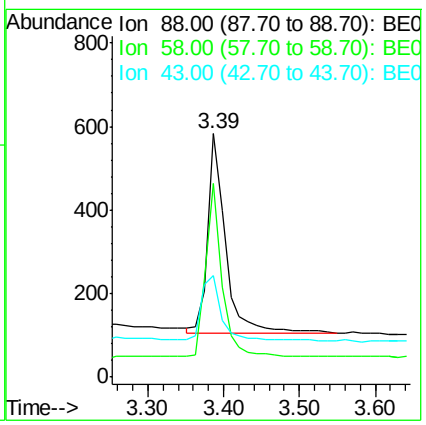


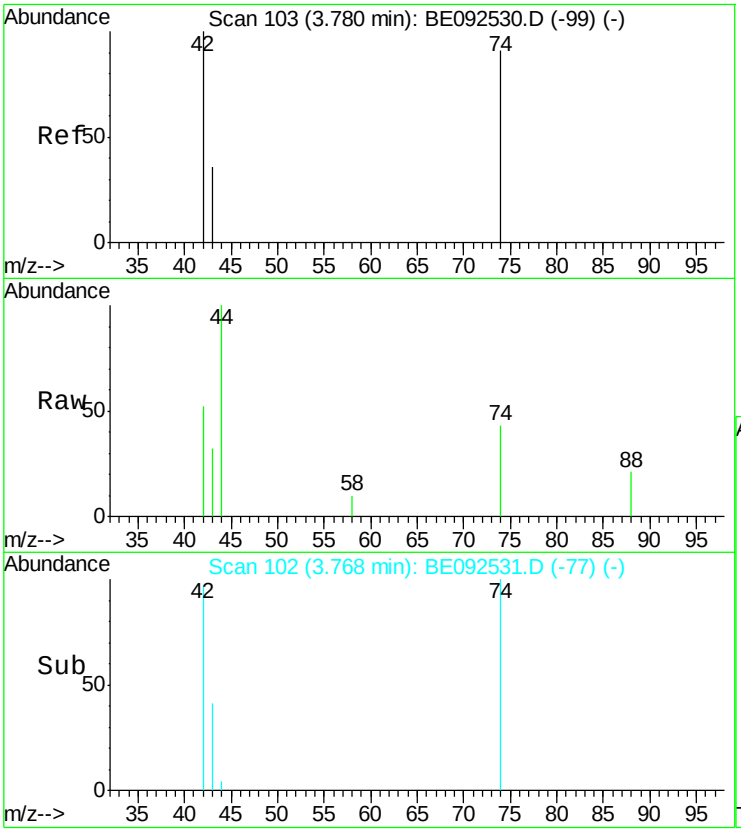


#2
1,4-Dioxane
Concen: 0.71 ng
RT: 3.39 min Scan# 69
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion: 88 Resp: 772

Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.6	95.4
43	37.3	28.0	42.0



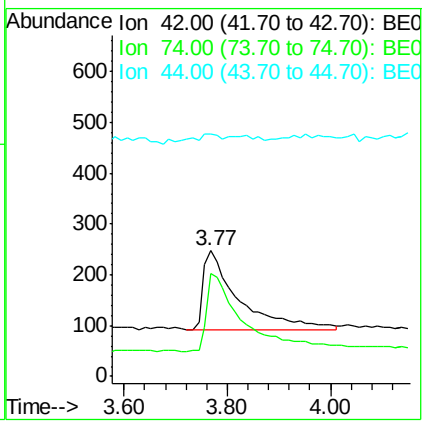


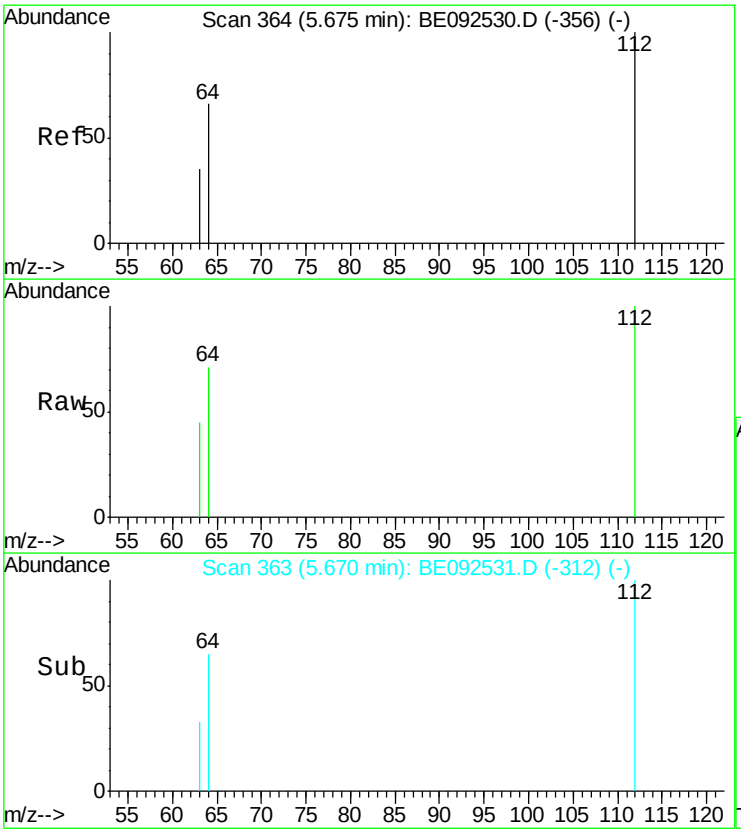
#3
n-Nitrosodimethylamine
Concen: 0.57 ng
RT: 3.77 min Scan# 102
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 726

Ion	Ratio	Lower	Upper
42	100		
74	104.3	86.0	129.0
44	10.6	5.1	7.7#

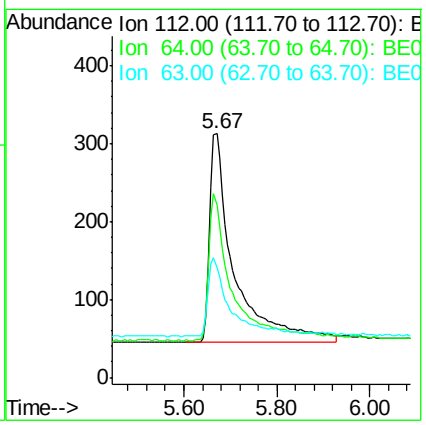


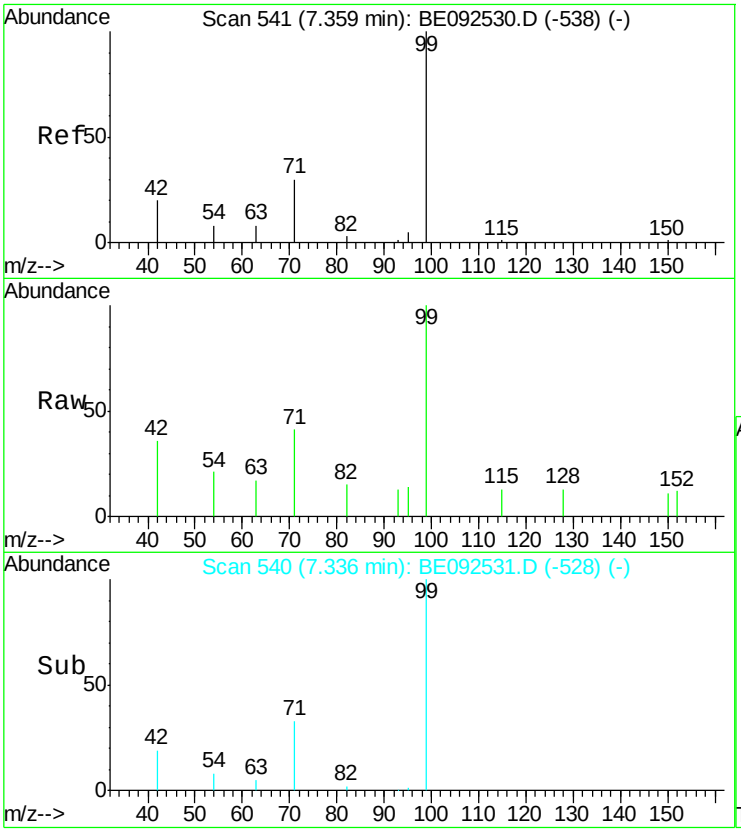


#4
2-Fluorophenol
Concen: 0.63 ng
RT: 5.67 min Scan# 363
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:112 Resp: 974

Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.5	80.3
63	35.9	27.9	41.9



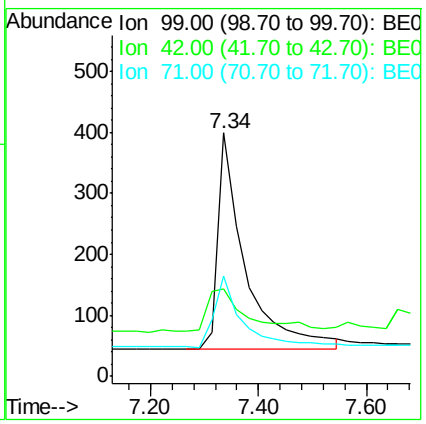


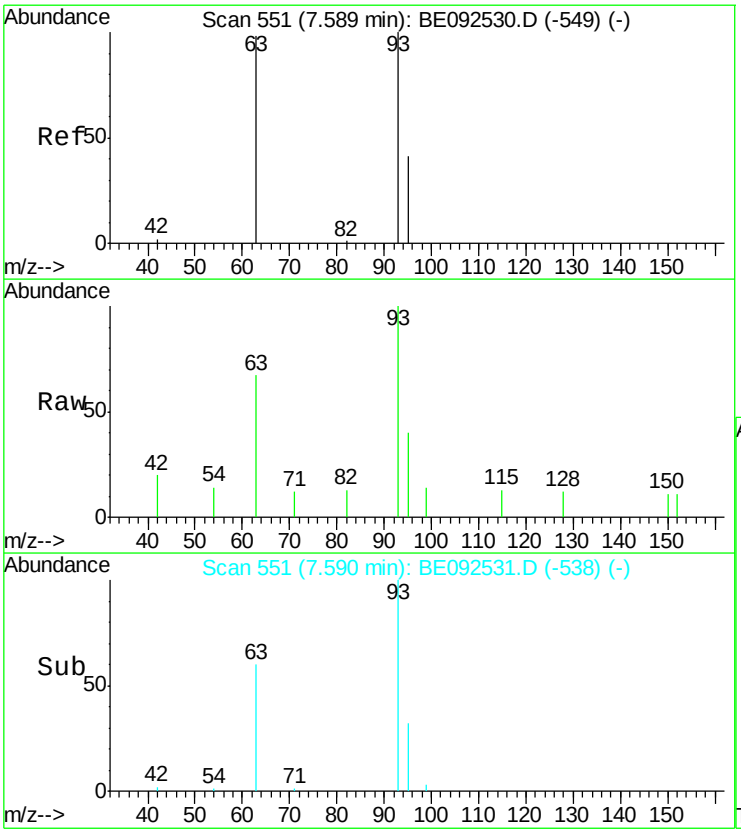
#5
Phenol-d6
Concen: 0.60 ng
RT: 7.34 min Scan# 540
Delta R.T. -0.02 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 1240

Ion	Ratio	Lower	Upper
99	100		
42	31.2	16.0	24.0#
71	34.0	30.6	45.8

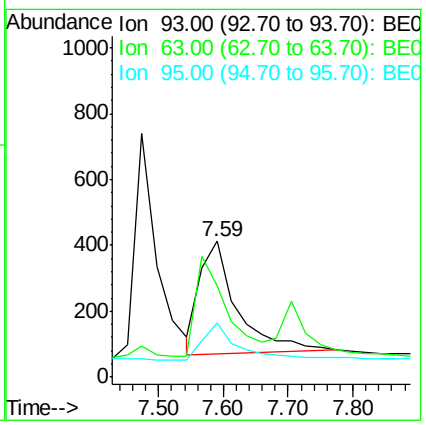


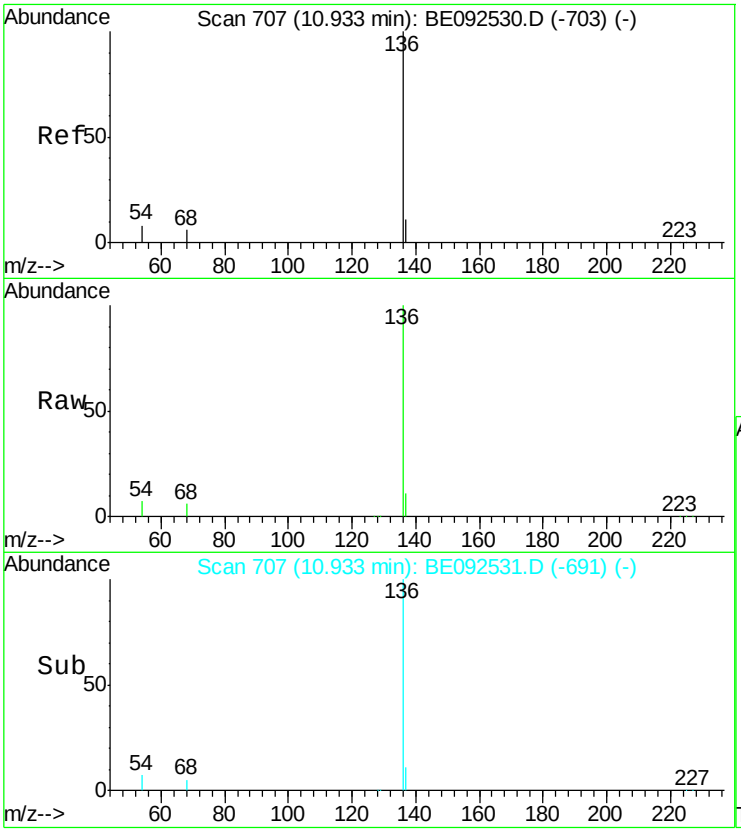


#6
bis(2-Chloroethyl)ether
Concen: 0.61 ng
RT: 7.59 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion: 93 Resp: 1372

Ion	Ratio	Lower	Upper
93	100		
63	0.0	71.6	107.4#
95	30.8	24.0	36.0



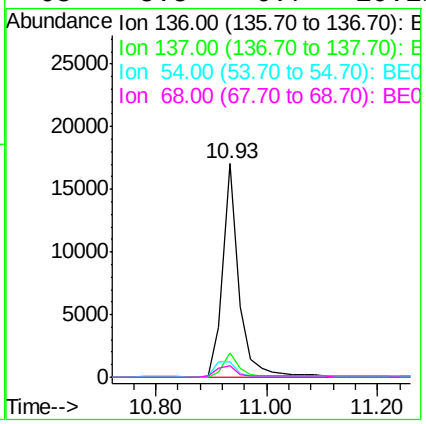


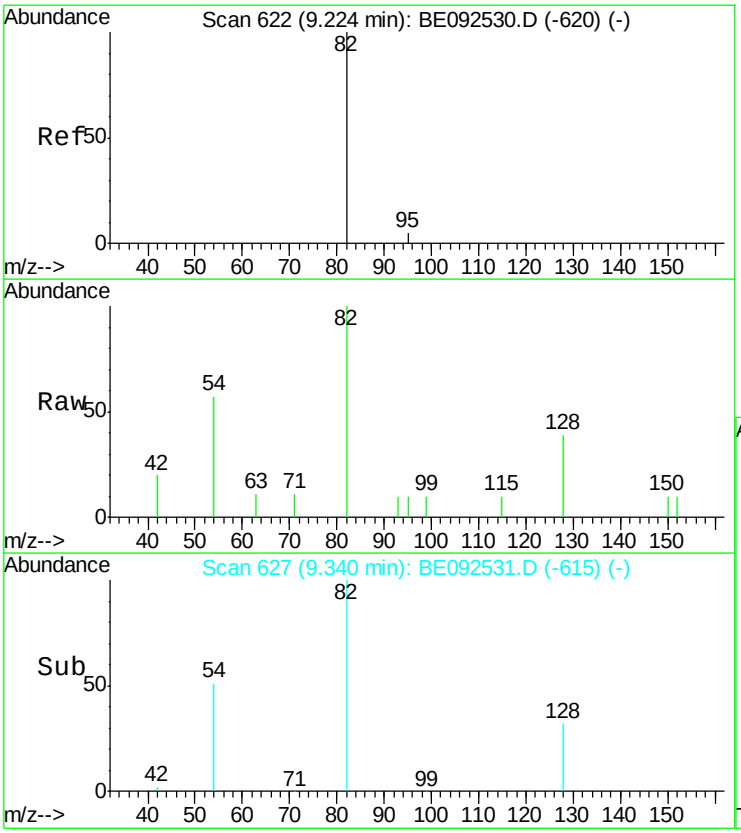
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.93 min Scan# 707
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 34333

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	7.4	9.6	14.4#
68	5.5	6.7	10.1#

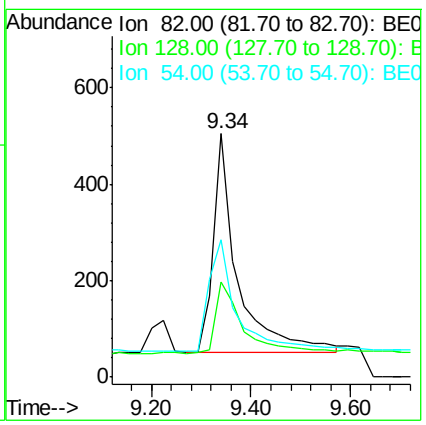


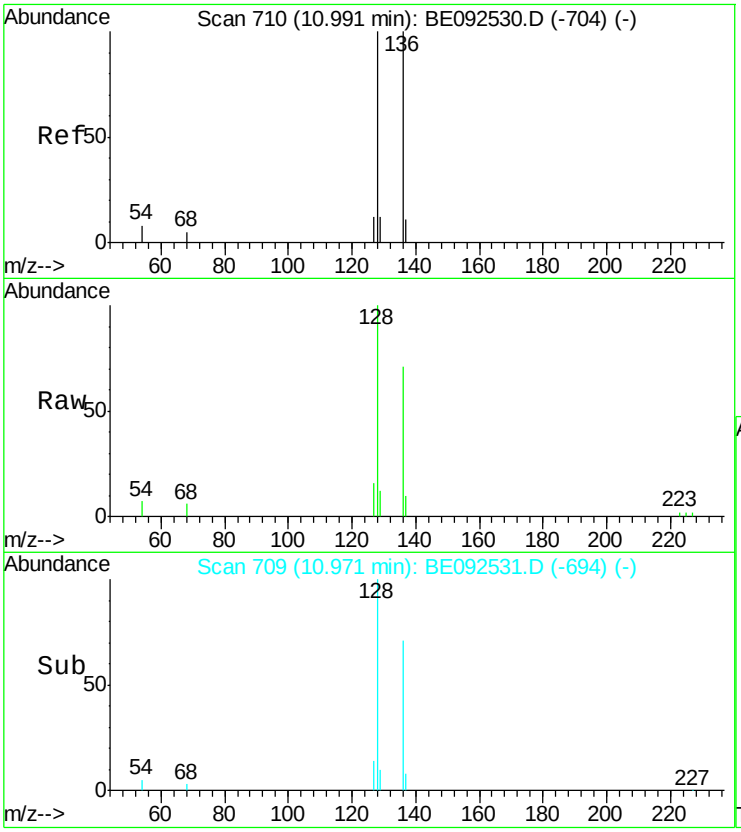


#8
Nitrobenzene-d5
Concen: 0.68 ng
RT: 9.34 min Scan# 627
Delta R.T. -0.02 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion: 82 Resp: 1533

Ion	Ratio	Lower	Upper
82	100		
128	39.0	39.0	58.4
54	56.6	44.8	67.2



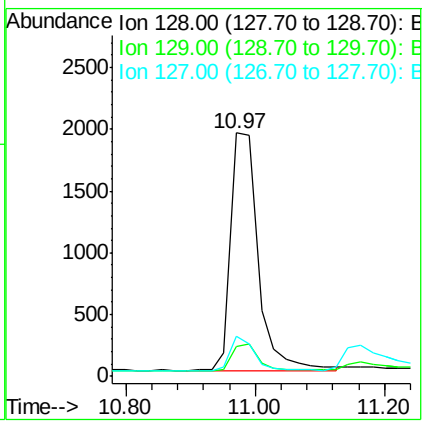


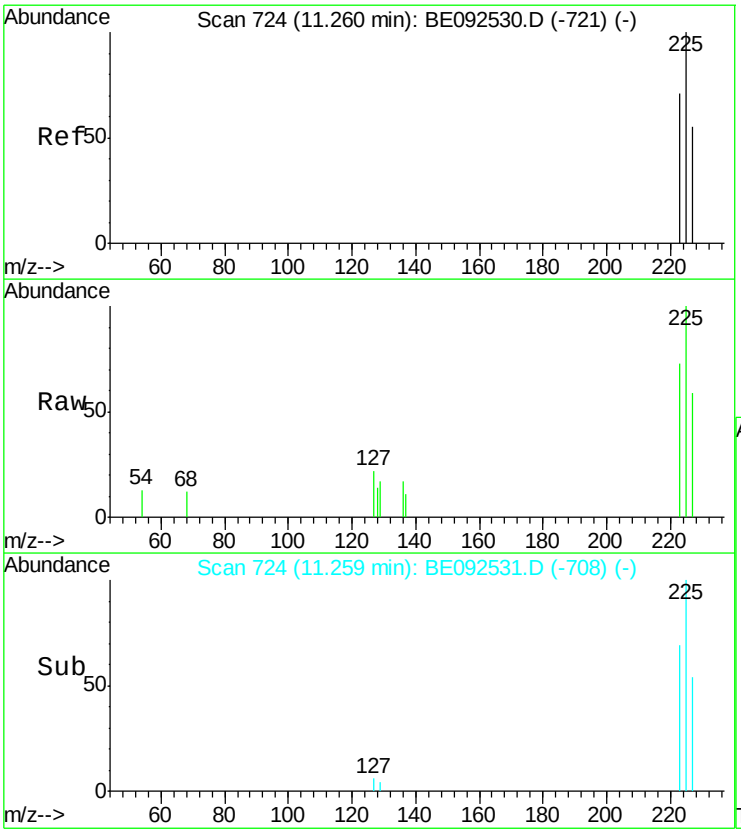
#9
Naphthalene
Concen: 0.75 ng
RT: 10.97 min Scan# 709
Delta R.T. -0.02 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 5576

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.2	16.8
127	16.3	11.6	17.4

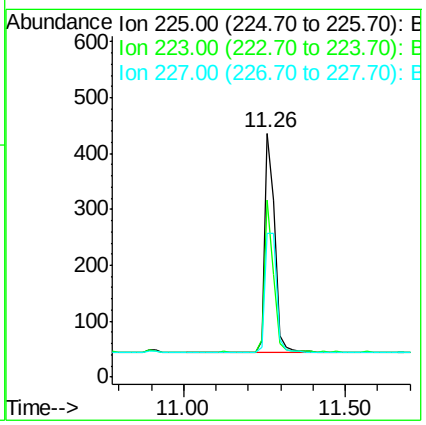


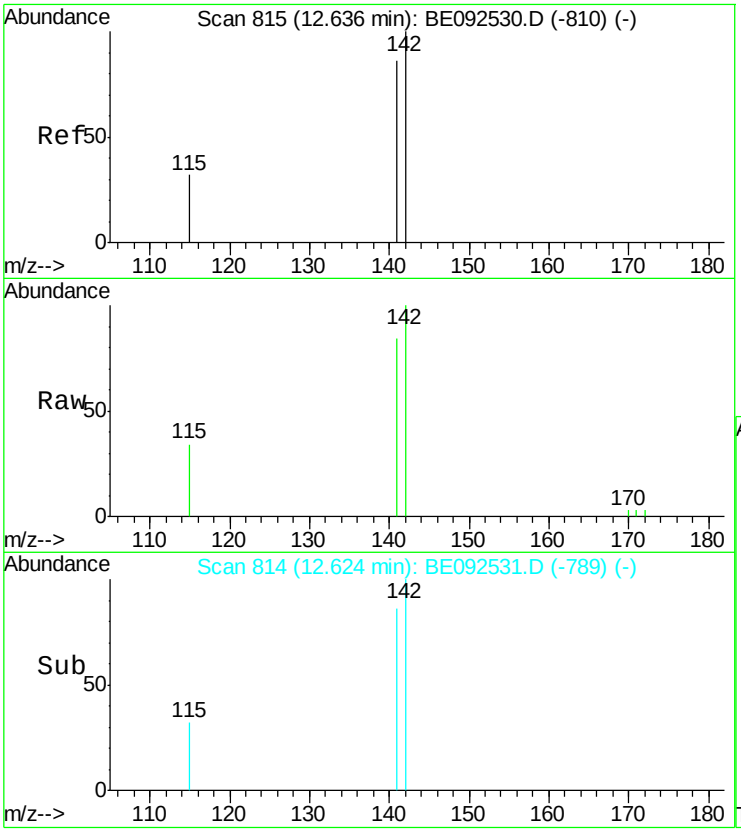


#10
Hexachlorobutadiene
Concen: 0.76 ng
RT: 11.26 min Scan# 724
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:225 Resp: 856

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	63.7	51.4	77.0



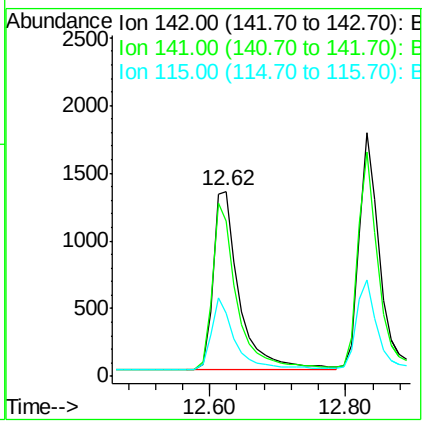


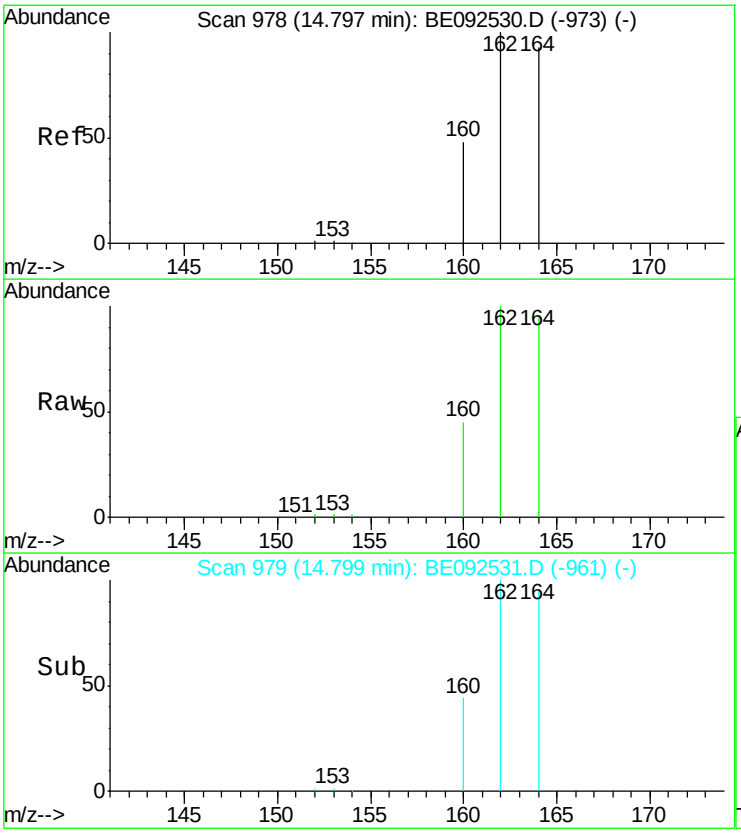
#11
2-Methylnaphthalene
Concen: 0.73 ng
RT: 12.62 min Scan# 814
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:142 Resp: 3543

Ion	Ratio	Lower	Upper
142	100		
141	84.0	73.7	110.5
115	34.1	34.0	51.0

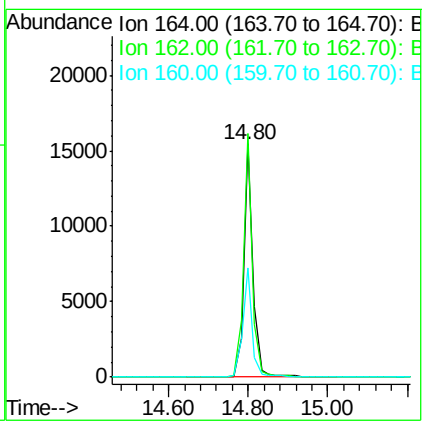


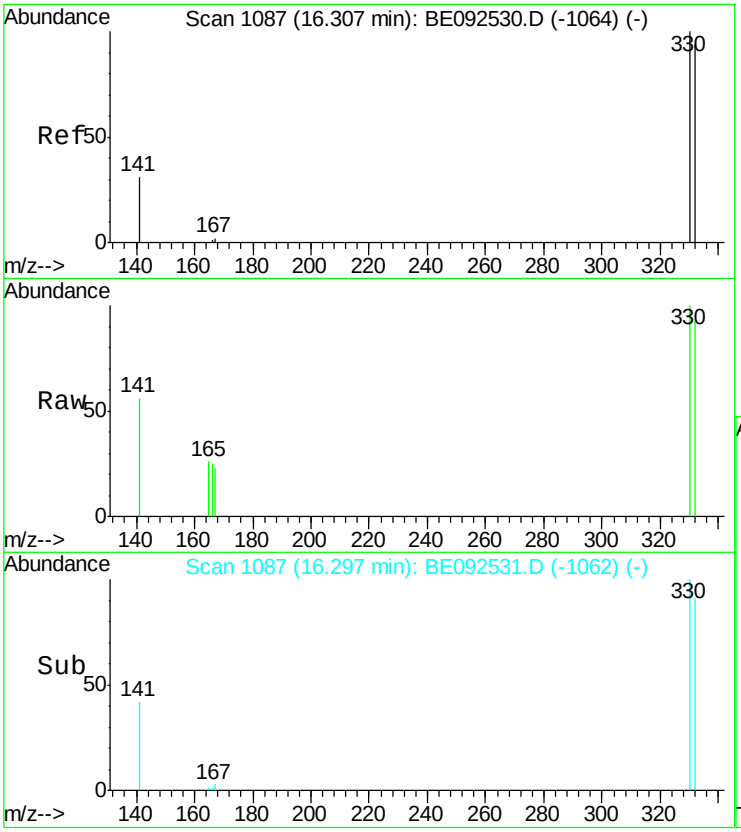


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.80 min Scan# 979
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:164 Resp: 23900

Ion	Ratio	Lower	Upper
164	100		
162	104.5	71.4	107.0
160	46.6	27.4	41.2#



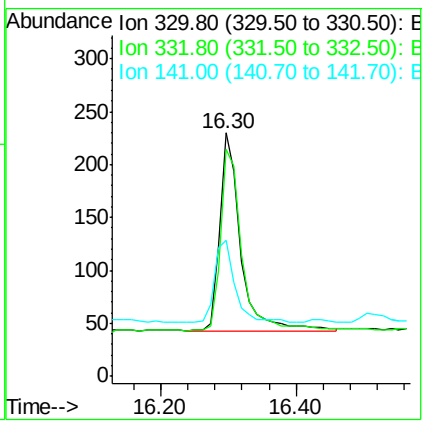


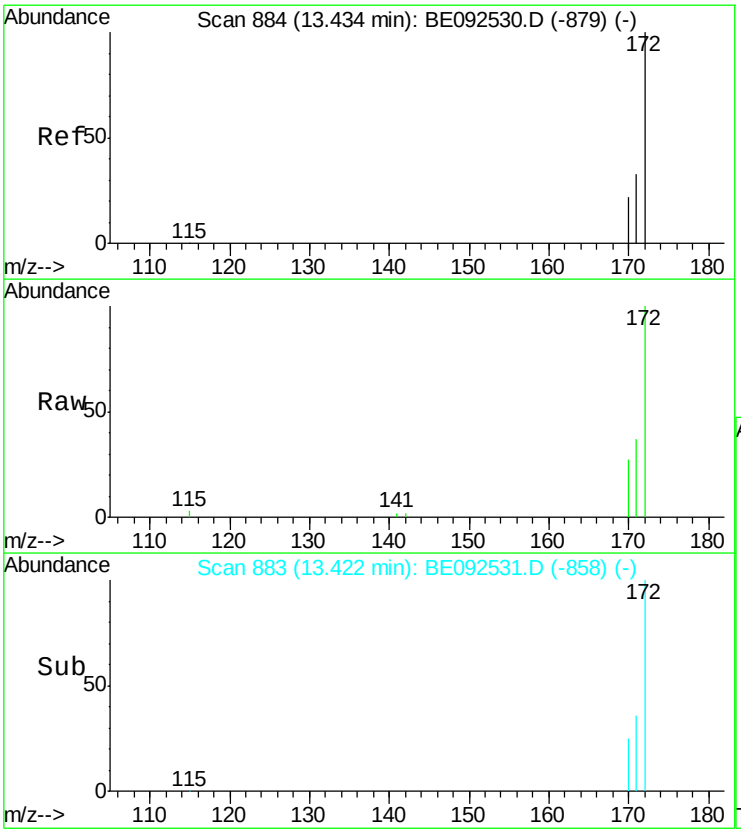
#13
2,4,6-Tribromophenol
Concen: 0.60 ng
RT: 16.30 min Scan# 1087
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:330 Resp: 404

Ion	Ratio	Lower	Upper
330	100		
332	94.1	75.4	113.0
141	40.3	31.0	46.6

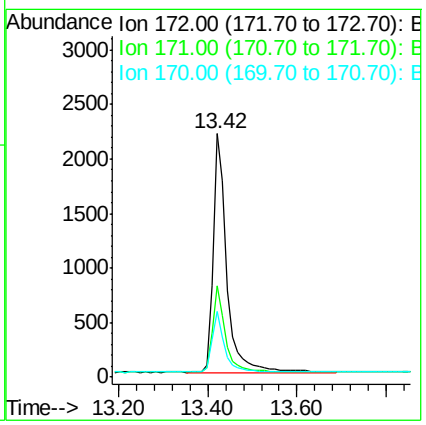


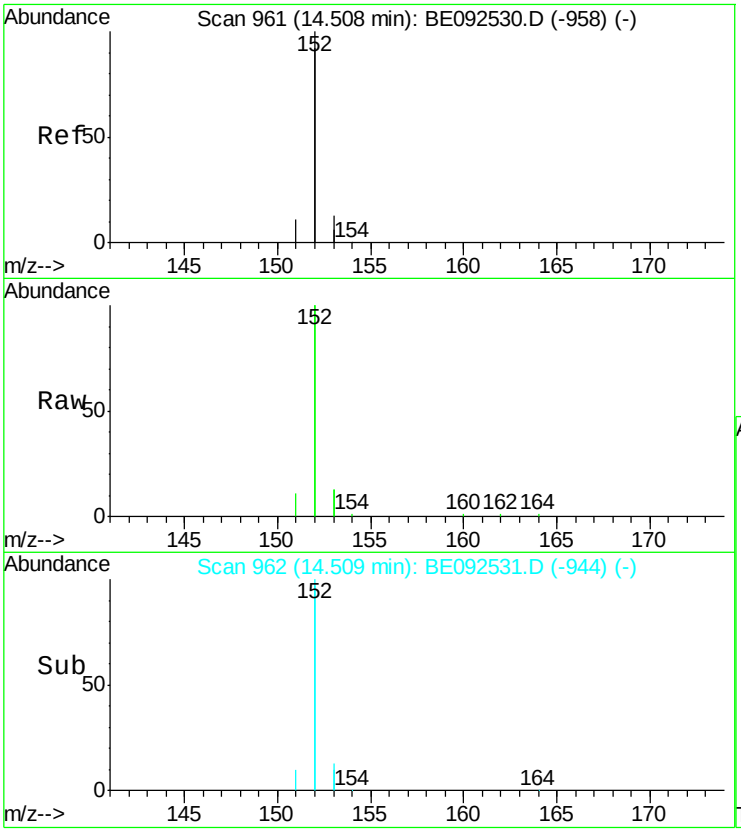


#14
2-Fluorobiphenyl
Concen: 0.78 ng
RT: 13.42 min Scan# 883
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:172 Resp: 4623

Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.1	45.1
170	26.7	21.8	32.6



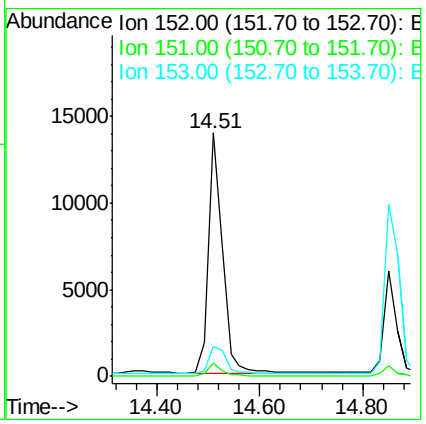


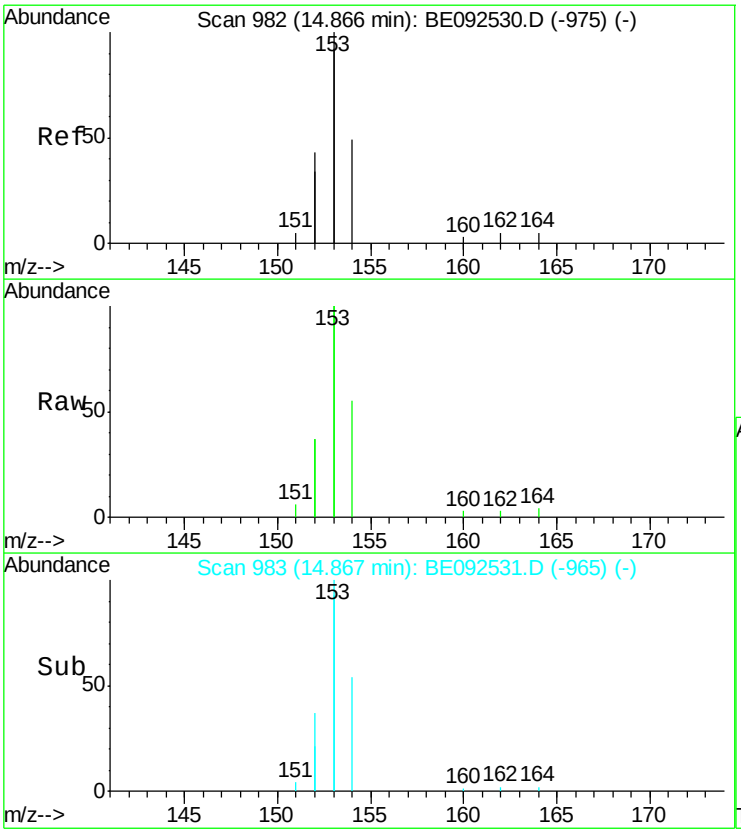
#15
Acenaphthylene
Concen: 0.75 ng
RT: 14.51 min Scan# 962
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 25581

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	13.3	10.4	15.6

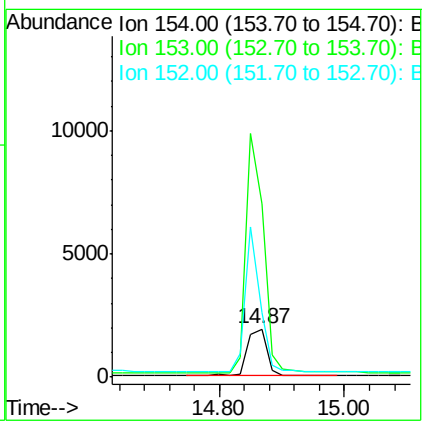


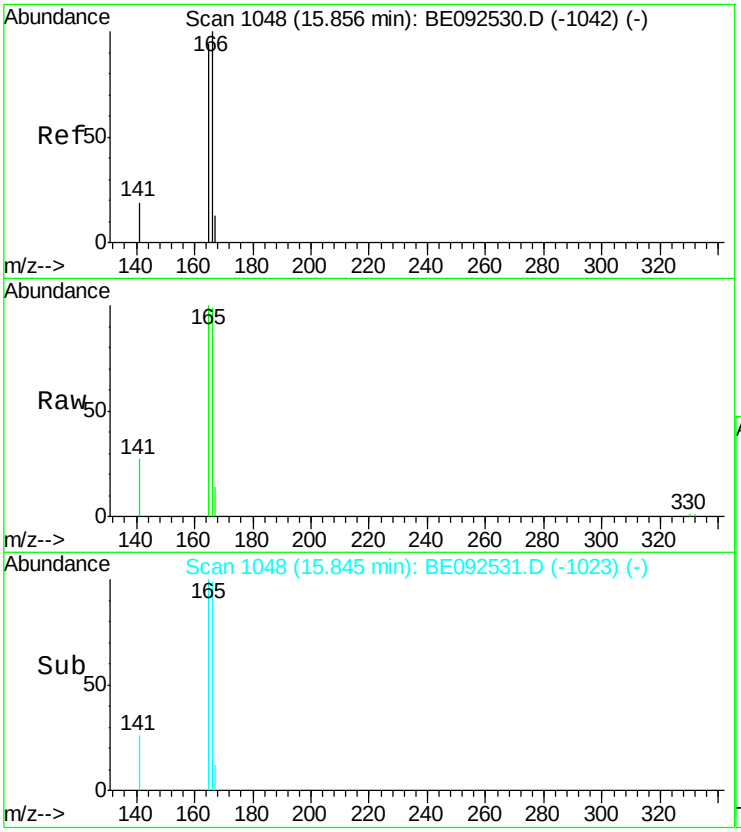


#16
Acenaphthene
Concen: 0.75 ng
RT: 14.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:154 Resp: 4146

Ion	Ratio	Lower	Upper
154	100		
153	451.4	350.8	526.2
152	235.8	171.1	256.7



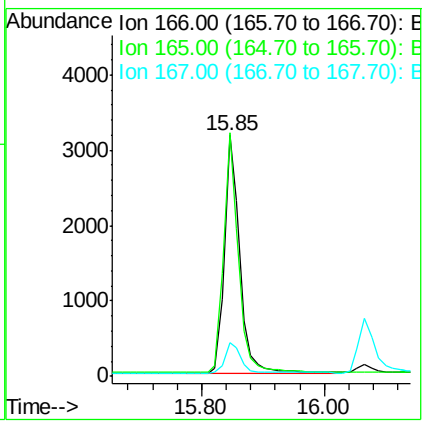


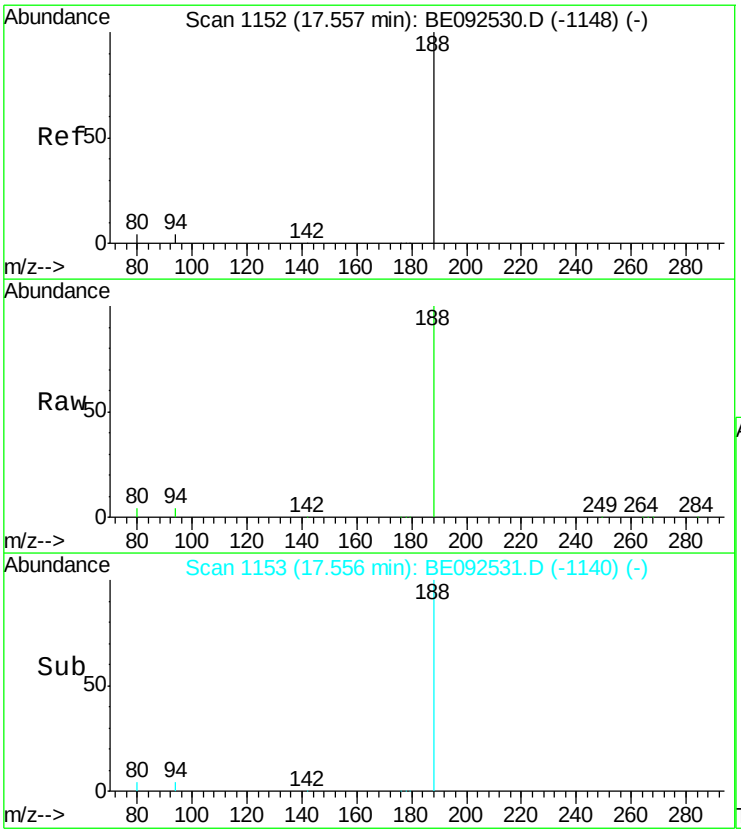
#17
Fluorene
Concen: 0.77 ng
RT: 15.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:166 Resp: 5388

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.4
167	13.3	11.0	16.4

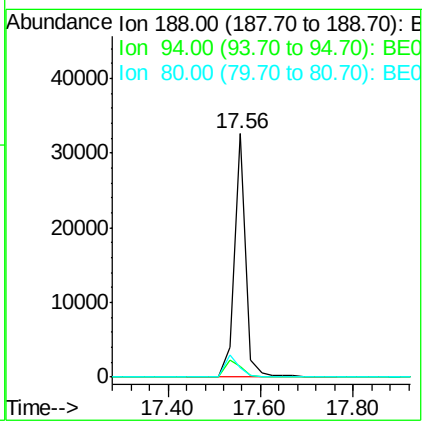


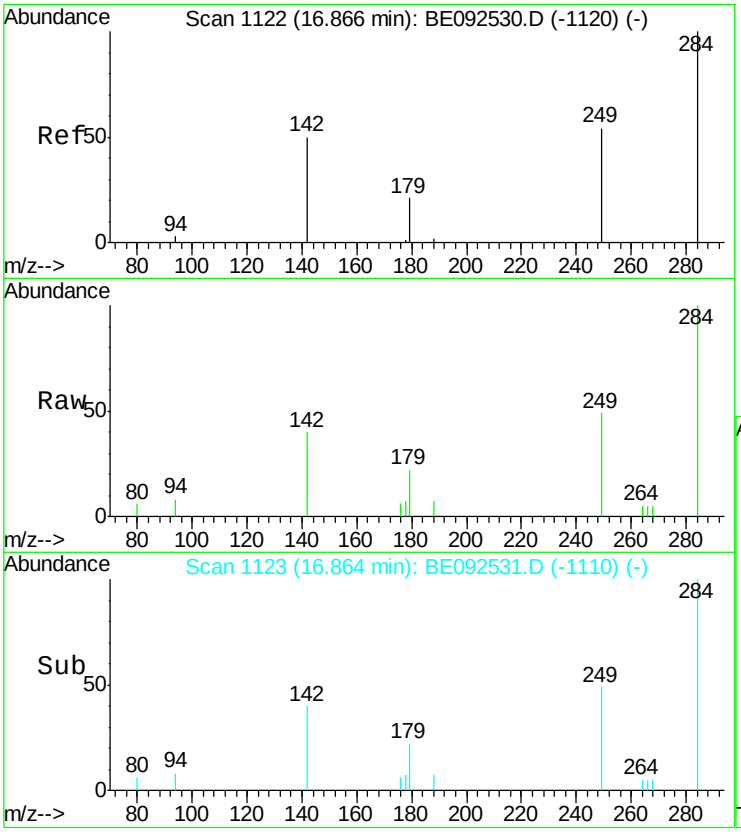


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.56 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:188 Resp: 55615

Ion	Ratio	Lower	Upper
188	100		
94	4.4	3.2	4.8
80	3.9	2.6	3.8#



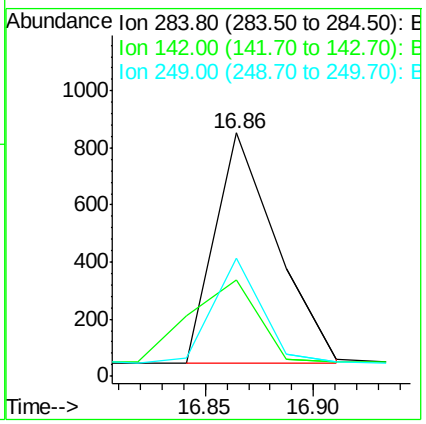


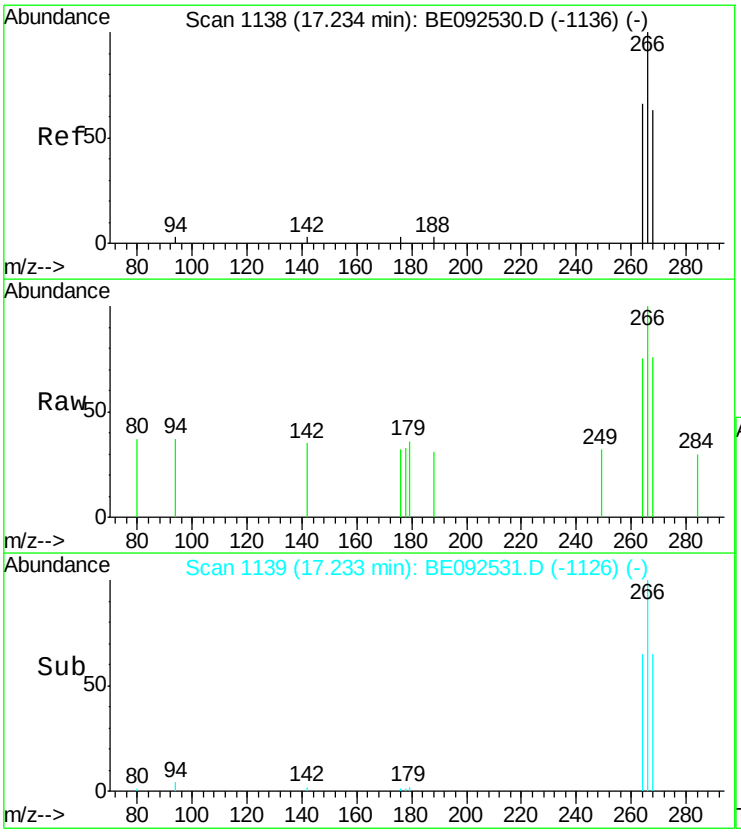
#19
Hexachlorobenzene
Concen: 0.76 ng m
RT: 16.86 min Scan# 1123
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 1588

Ion	Ratio	Lower	Upper
284	100		
142	45.4	29.1	43.7#
249	46.4	27.9	41.9#

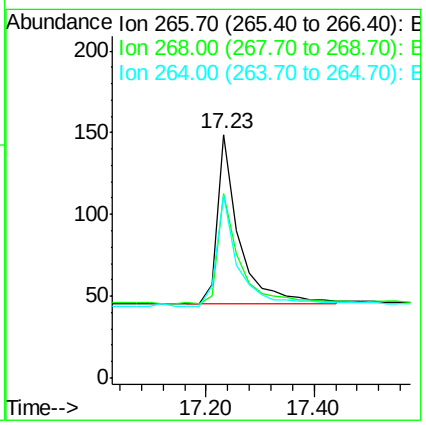


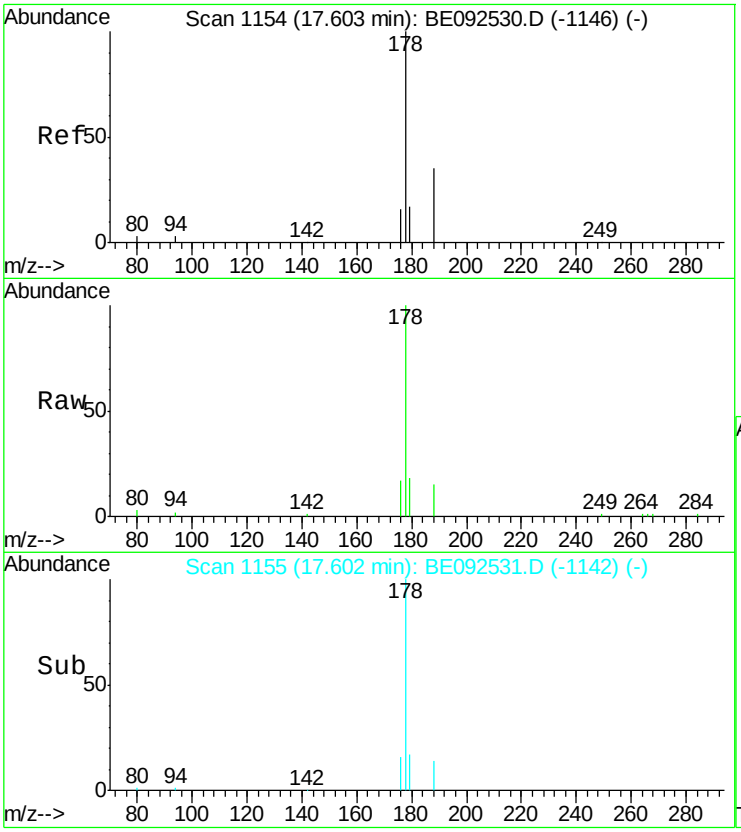


#20
Pentachlorophenol
Concen: 0.49 ng
RT: 17.23 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:266 Resp: 297

Ion	Ratio	Lower	Upper
266	100		
268	75.8	62.5	93.7
264	75.2	57.2	85.8



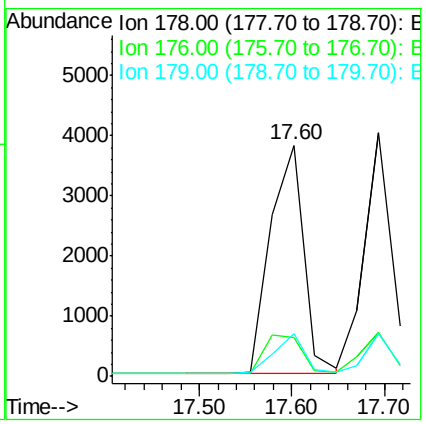


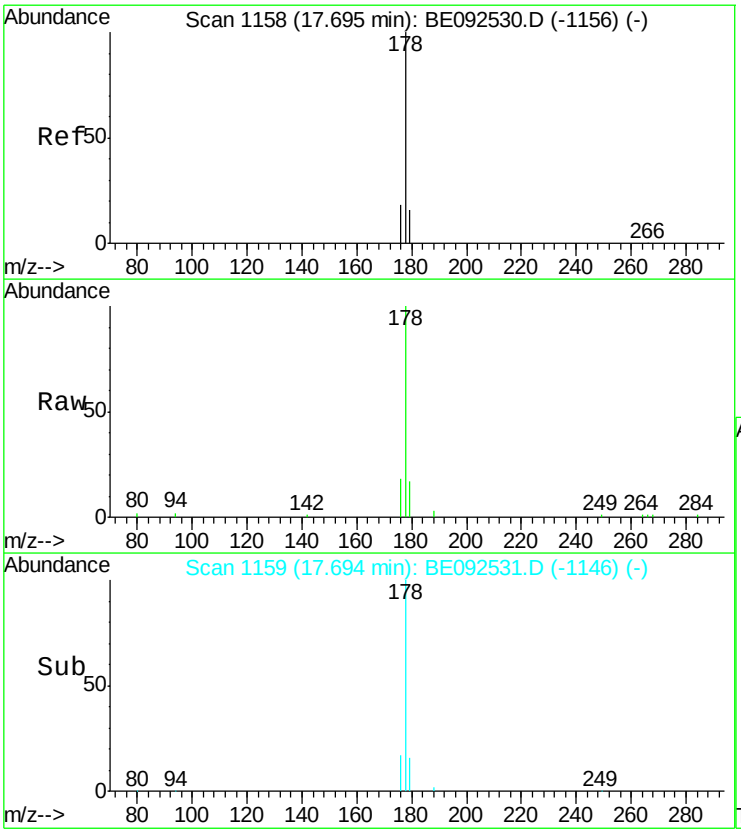
#21
Phenanthrene
Concen: 0.79 ng
RT: 17.60 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 9465

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.8	23.8#
179	15.6	16.0	24.0#

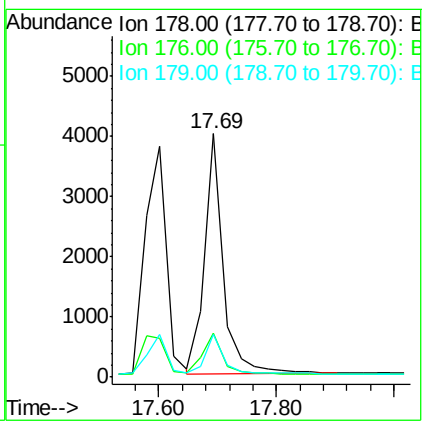


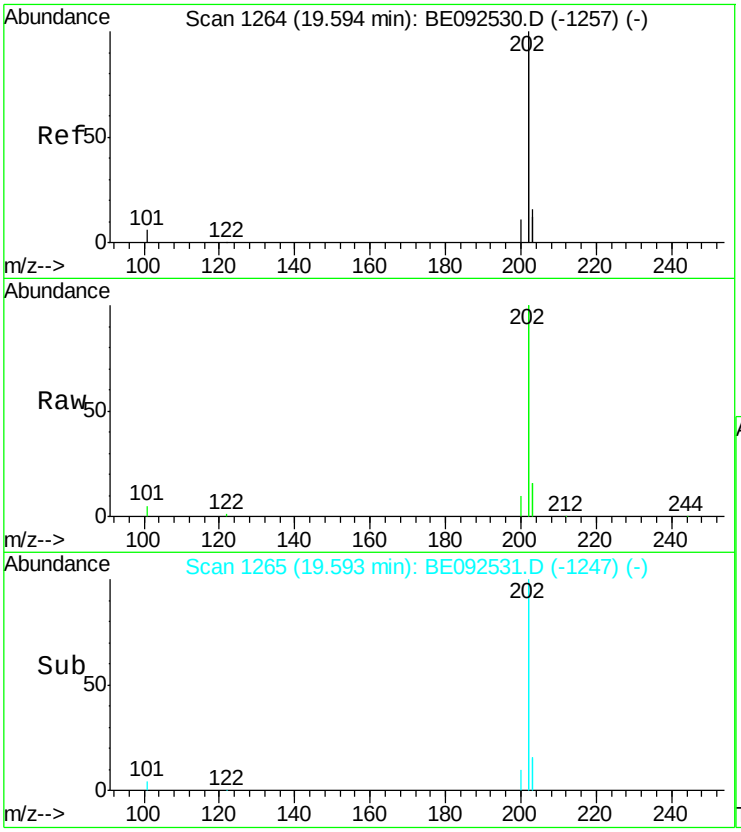


#22
Anthracene
Concen: 0.75 ng
RT: 17.69 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:178 Resp: 8697

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	16.0	12.2	18.2



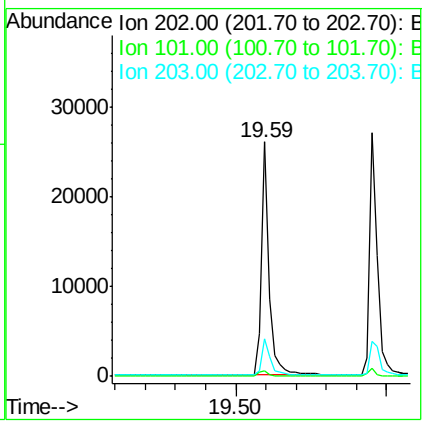


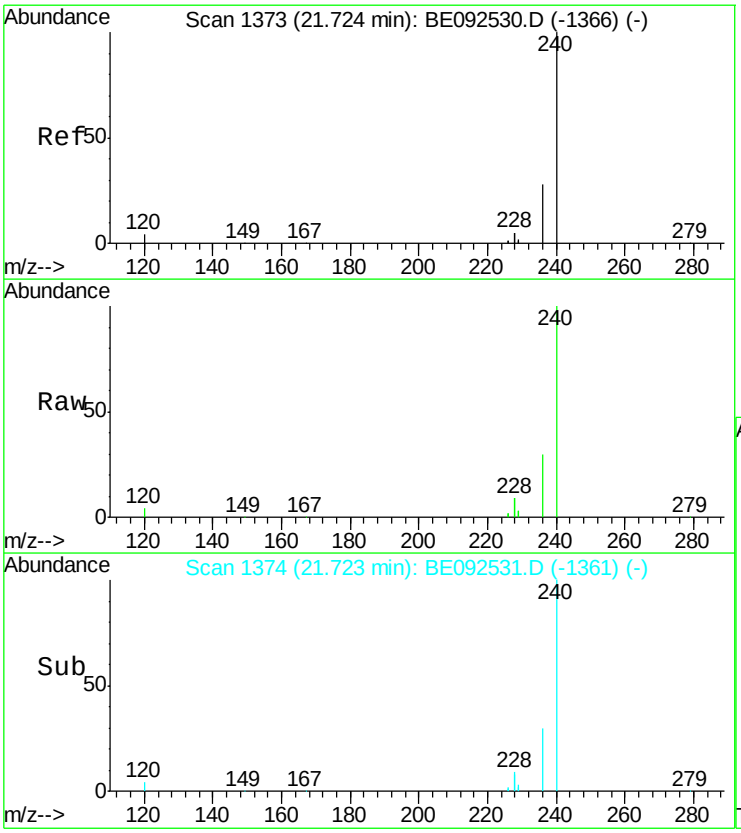
#23
Fluoranthene
Concen: 0.75 ng
RT: 19.59 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 45282

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.4
203	17.0	13.7	20.5

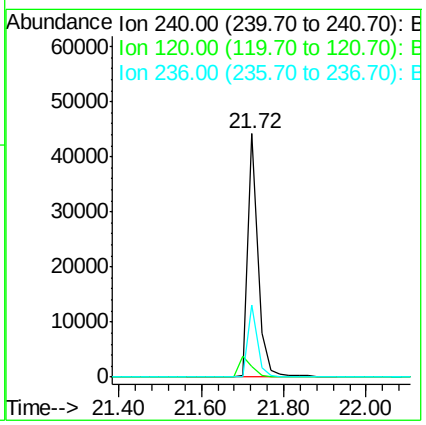


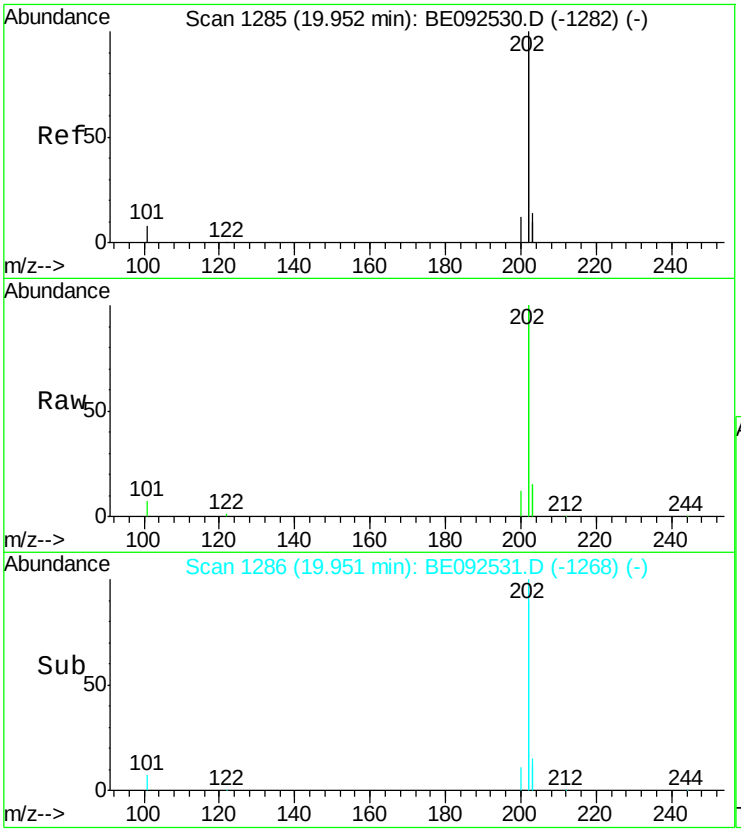


#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.72 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:240 Resp: 74705

Ion	Ratio	Lower	Upper
240	100		
120	4.4	2.6	4.0#
236	29.7	24.6	37.0



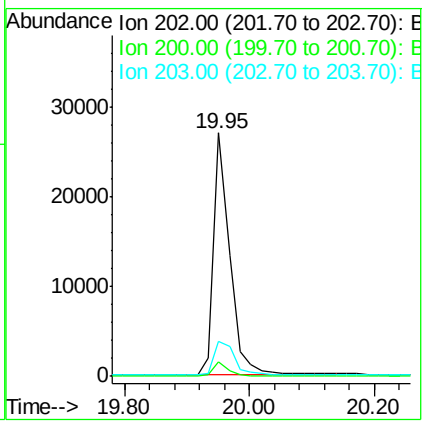


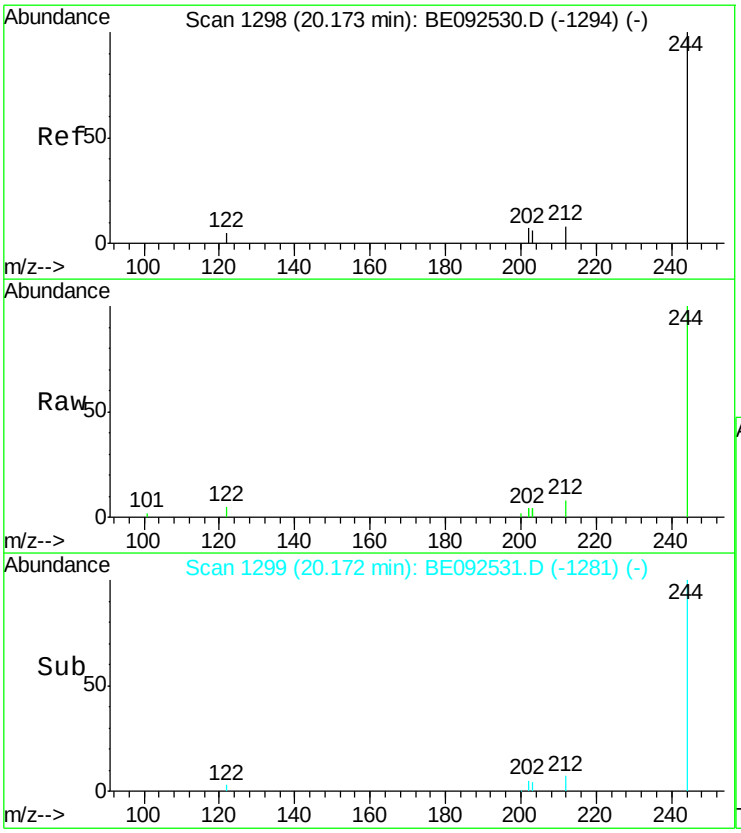
#25
Pyrene
Concen: 0.78 ng
RT: 19.95 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:202 Resp: 47870

Ion	Ratio	Lower	Upper
202	100		
200	5.2	4.2	6.4
203	17.4	13.9	20.9

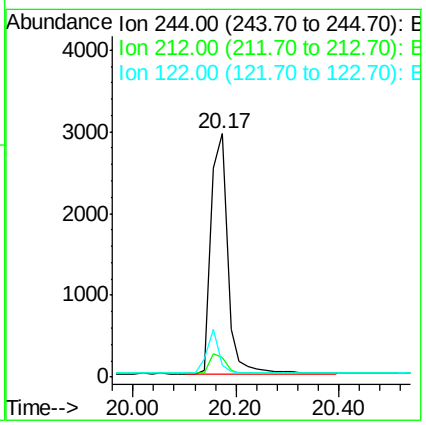


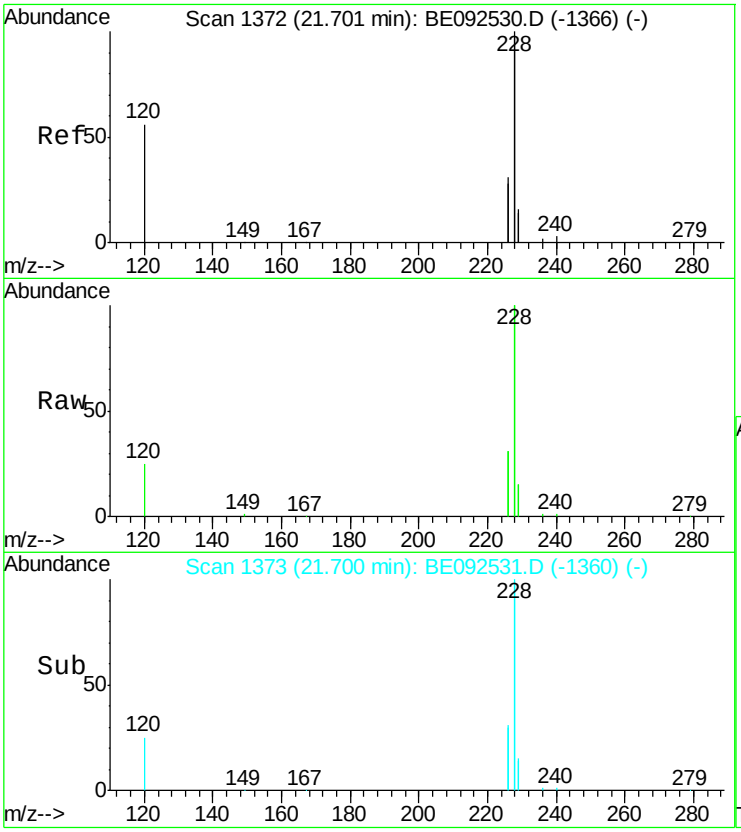


#26
Terphenyl-d14
Concen: 0.73 ng
RT: 20.17 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:244 Resp: 6628

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.7	10.1
122	4.9	3.6	5.4



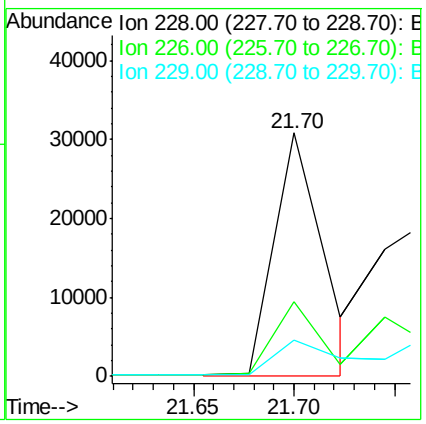


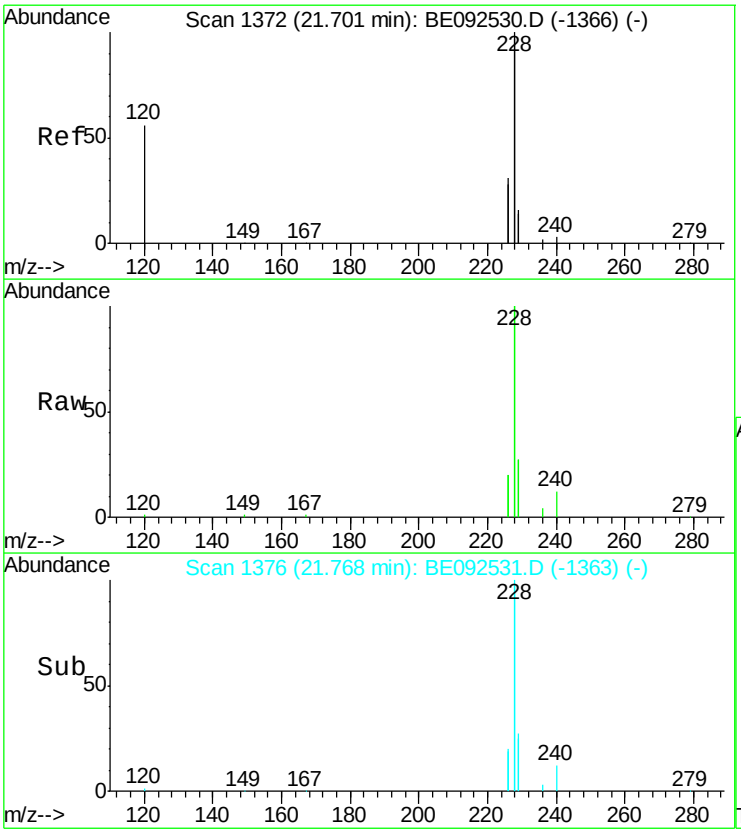
#27
Benzo(a)anthracene
Concen: 0.69 ng m
RT: 21.70 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 52551

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.6	35.4
229	14.7	13.3	19.9

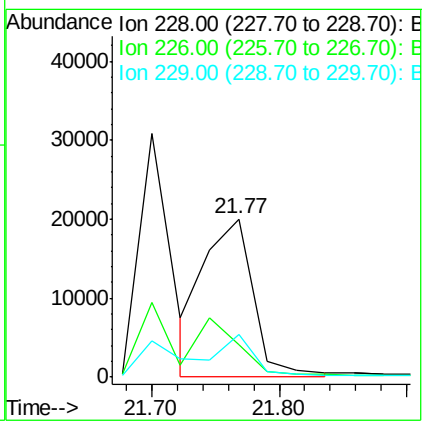


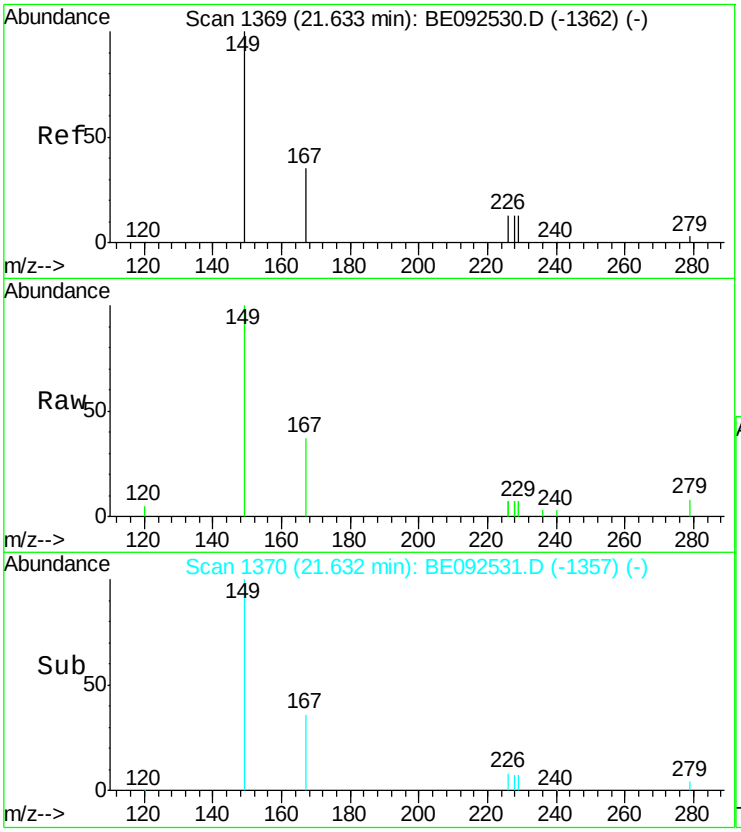


#28
Chrysene
Concen: 0.66 ng m
RT: 21.77 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:228 Resp: 53820

Ion	Ratio	Lower	Upper
228	100		
226	20.4	36.3	54.5#
229	27.3	10.6	16.0#



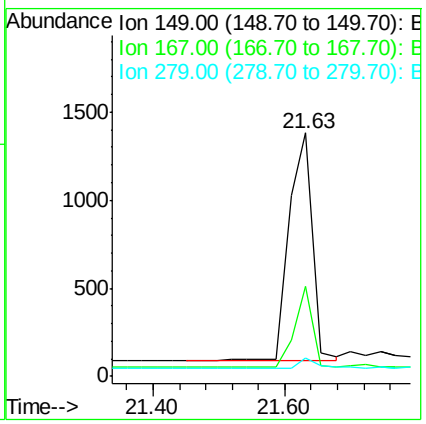


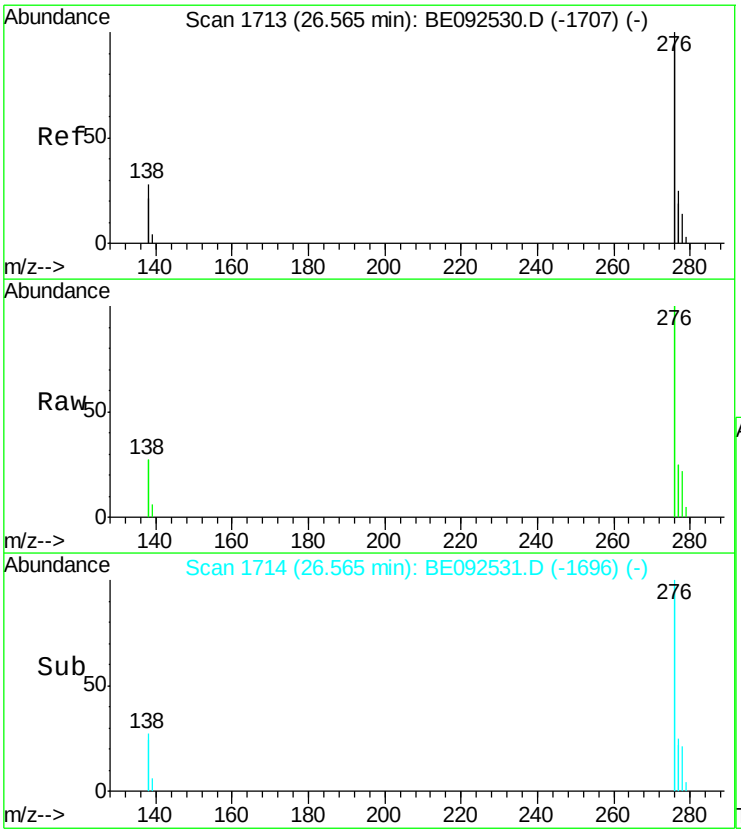
#29
Bis(2-ethylhexyl)phthalate
Concen: 0.40 ng
RT: 21.63 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:149 Resp: 3157

Ion	Ratio	Lower	Upper
149	100		
167	27.5	16.0	24.0#
279	3.5	16.0	24.0#

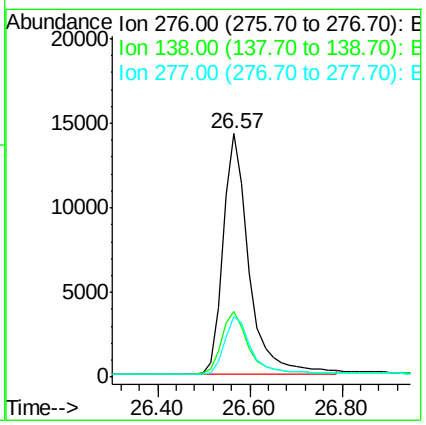


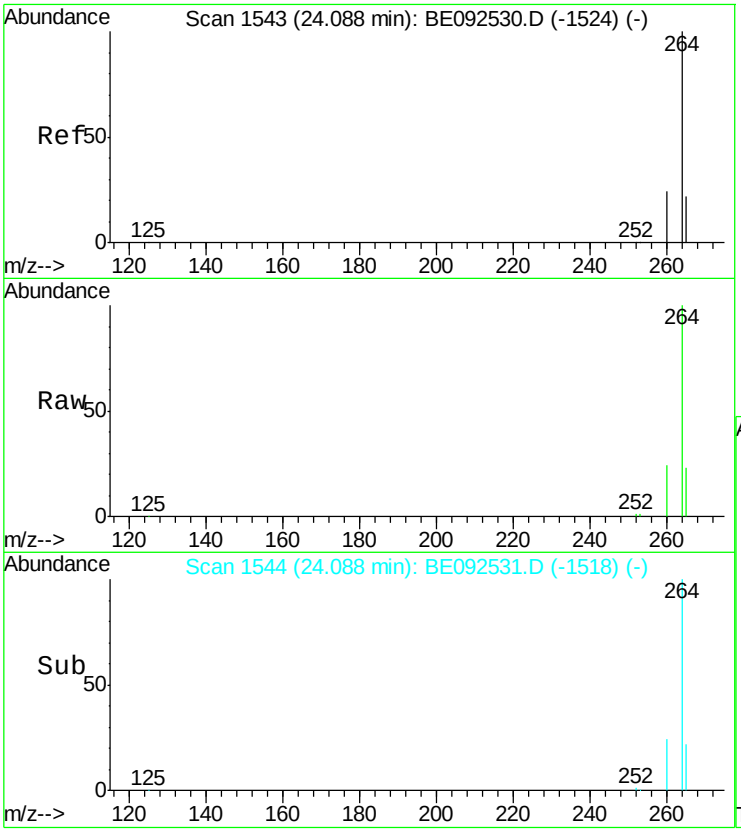


#30
Indeno(1,2,3-cd)pyrene
Concen: 0.68 ng
RT: 26.57 min Scan# 1714
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:276 Resp: 56088

Ion	Ratio	Lower	Upper
276	100		
138	27.3	20.3	30.5
277	24.5	19.7	29.5



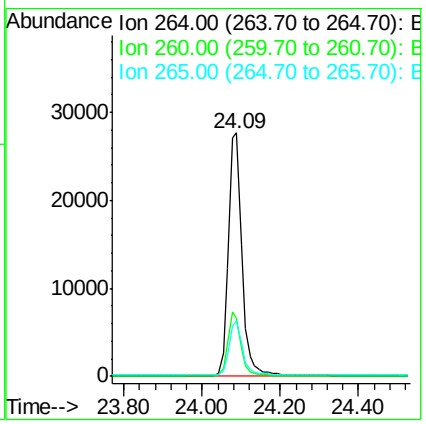


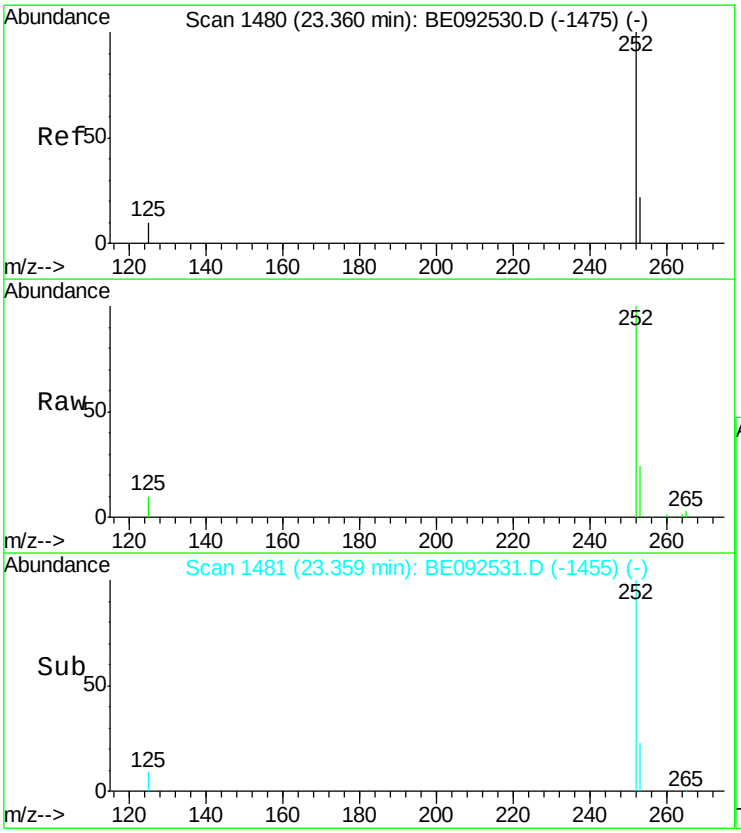
#31
Perylene-d12
Concen: 5.00 ng
RT: 24.09 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:264 Resp: 67403

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	22.9	17.9	26.9

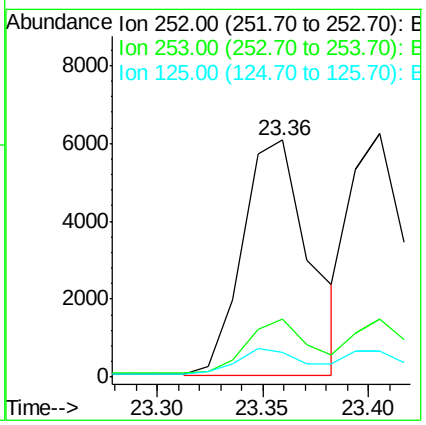


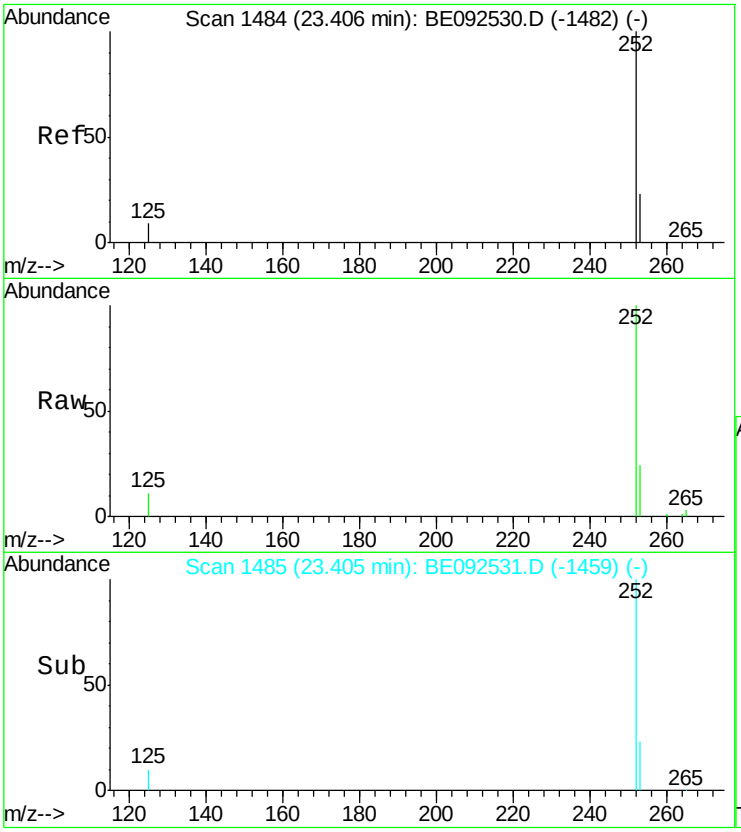


#32
Benzo(b)fluoranthene
Concen: 0.52 ng m
RT: 23.36 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:252 Resp: 13257

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.7	28.1
125	10.5	10.5	15.7#



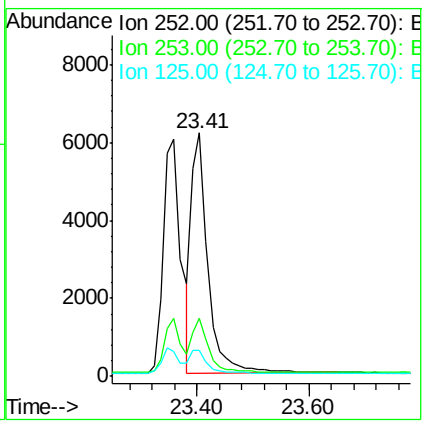


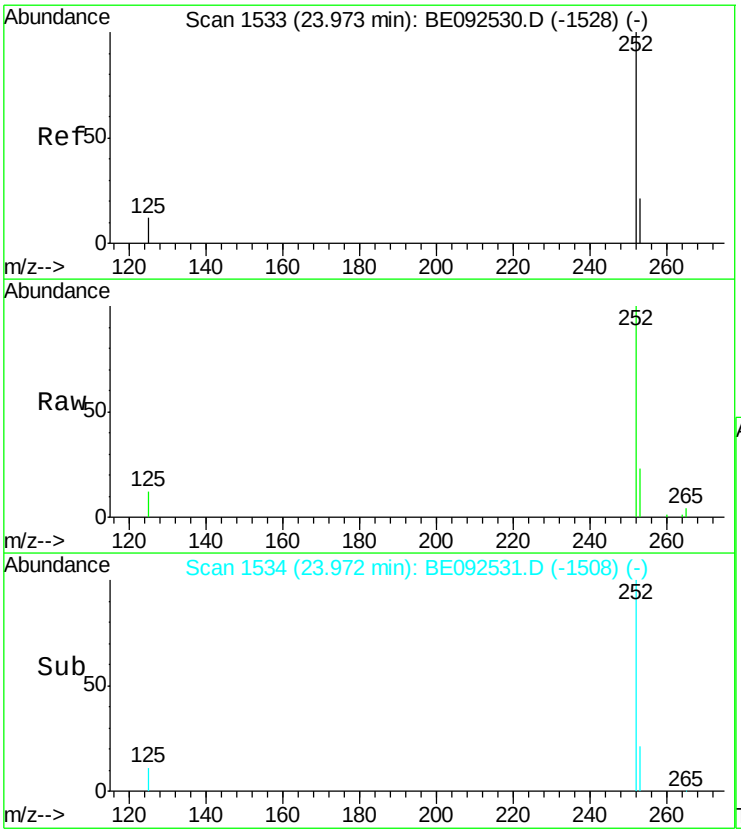
#33
Benzo(k)fluoranthene
Concen: 0.47 ng
RT: 23.41 min Scan# 1485
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 12518

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.3	30.5
125	10.9	9.6	14.4

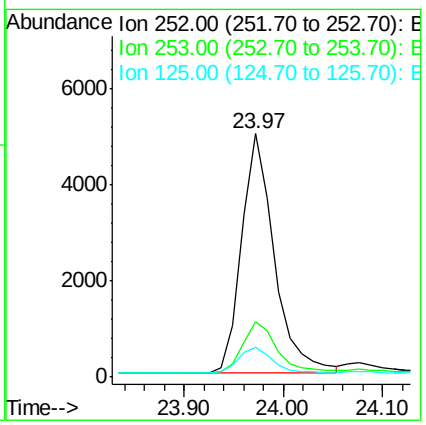


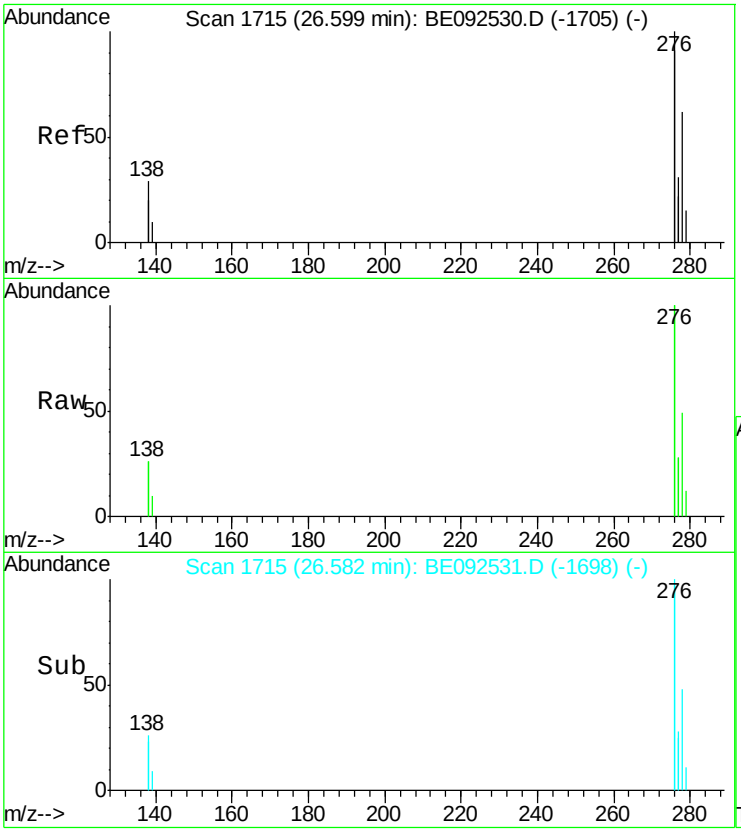


#34
Benzo(a)pyrene
Concen: 0.66 ng
RT: 23.97 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:252 Resp: 11414

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.0	28.6
125	12.5	11.8	17.8



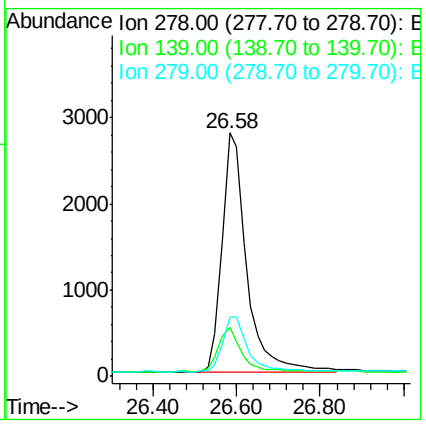


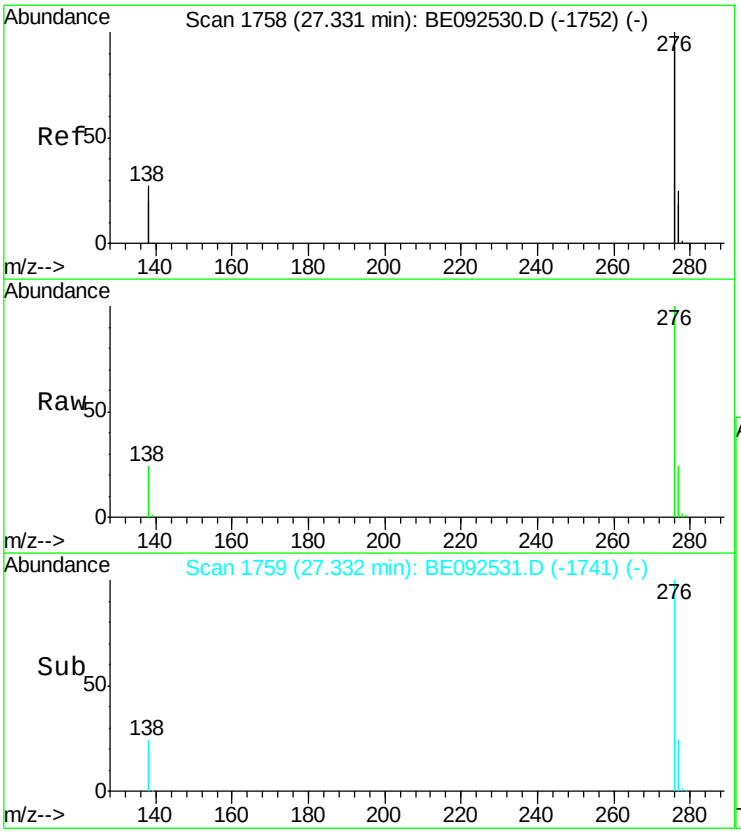
#35
Dibenzo(a,h)anthracene
Concen: 0.70 ng
RT: 26.58 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:278 Resp: 11444

Ion	Ratio	Lower	Upper
278	100		
139	20.2	13.8	20.8
279	24.5	21.4	32.2





#36
Benzo(g,h,i)perylene
Concen: 0.73 ng
RT: 27.33 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BE092531.D
Acq: 16 Nov 2016 12:17

Tgt Ion:276 Resp: 49250

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	23.8	19.8	29.6