Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089465.D
Acq On : 3 Feb 2015 15:40
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC010

Quant Time: Feb 04 00:30:10 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:22:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	59207	5.00	ng		0.00
7) Naphthalene-d8	12.43	136	234127	5.00	ng		0.00
13) Acenaphthene-d10	16.62	164	100469	5.00	ng		0.00
17) Phenanthrene-d10	19.94	188	193248	5.00	ng		0.00
20) Chrysene-d12	23.79	240	189871	5.00	ng		0.00
27) Perylene-d12	25.49	264	180237	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.72	112	193553	9.77	ng		0.00
4) Phenol-d6	8.85	99	239535	10.30	ng		0.00
8) Nitrobenzene-d5	10.79	82	187277	10.96	ng		0.00
14) 2,4,6-Tribromophenol	18.52	330	44014	16.76	ng		0.01
15) 2-Fluorobiphenyl	15.07	172	262662	9.37	ng		0.00
22) Terphenyl-d14	22.43	244	283211	12.94	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.52	42	121108	12.72	ng	#	79
5) Phenol	8.87	94	236179	9.46	ng	#	62
6) bis(2-Chloroethyl)ether	9.01	93	184343	10.11	ng	#	99
9) Nitrobenzene	10.84	77	211565	10.91	ng		98
10) 2,4-Dimethylphenol	11.78	122	152747	10.98	ng		98
11) 2,4-Dichlorophenol	12.16	162	115371	11.00	ng		90
12) Hexachlorobutadiene	12.81	225	69576	9.43	ng		99
16) 2,4-Dinitrophenol	16.85	184	18482	30.57	ng	#	78
18) Hexachlorobenzene	19.18	284	96384	9.50	ng		98
19) Pentachlorophenol	19.61	266	37402	31.38	ng		97
21) Benzidine	22.10	184	94872	7.01	ng		99
23) Benzo(a)anthracene	23.78	228	1775482	11.59	ng		97
24) 3,3'-Dichlorobenzidine	23.77	252	160472	11.91	ng	#	86
25) Chrysene	23.82	228	1665393	9.07	ng		93
26) Indeno(1,2,3-cd)pyrene	26.97	276	498940	9.28	ng		99
28) Benzo(b)fluoranthene	25.05	252	413295	16.80	ng		98
29) Benzo(k)fluoranthene	25.08	252	459952	10.17	ng		99
30) Benzo(a)pyrene	25.42	252	407183	14.76	ng		97
31) Dibenzo(a,h)anthracene	27.00	278	428190	12.95	ng		98

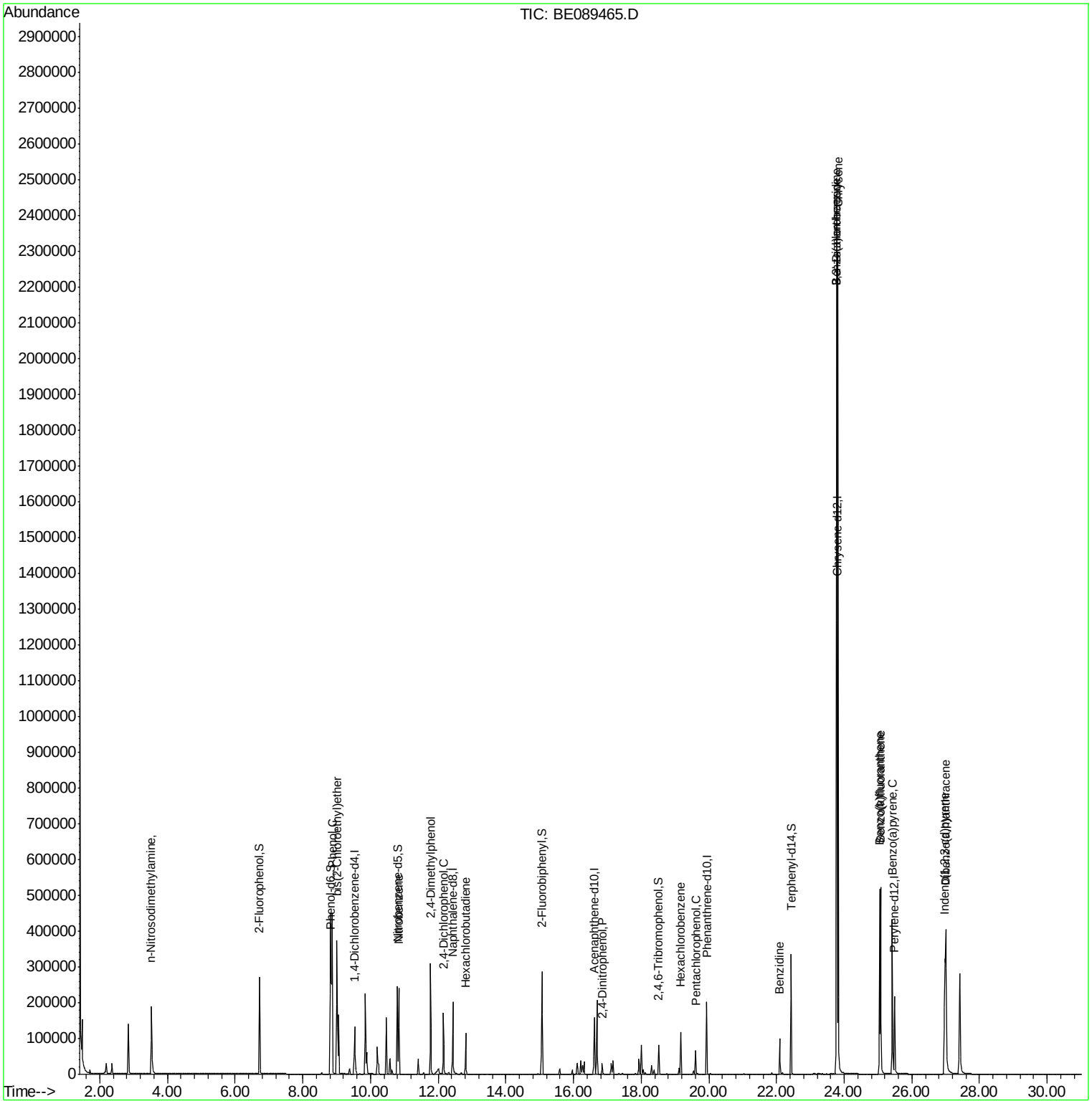
(#) = qualifier out of range (m) = manual integration (+) = signals summed

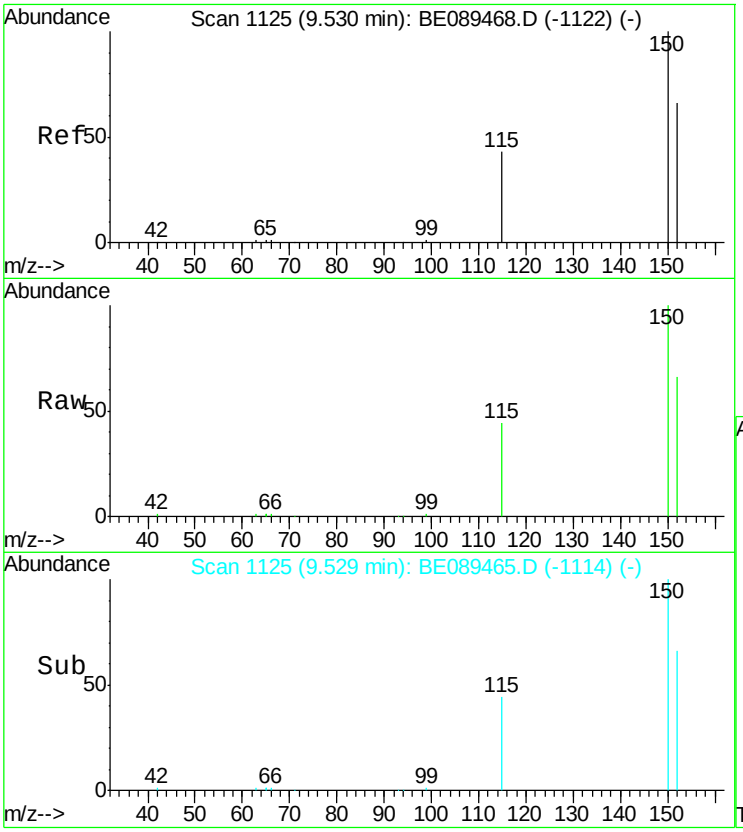
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089465.D
Acq On : 3 Feb 2015 15:40
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Quant Time: Feb 04 00:30:10 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 04 00:22:17 2015
Response via : Initial Calibration



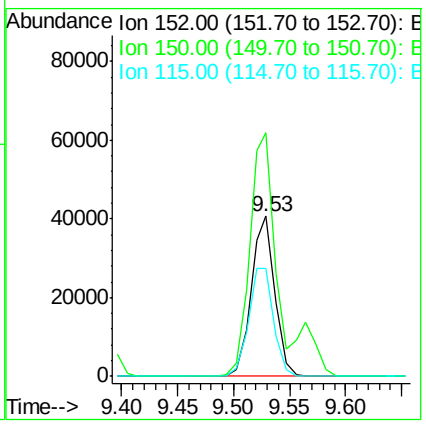


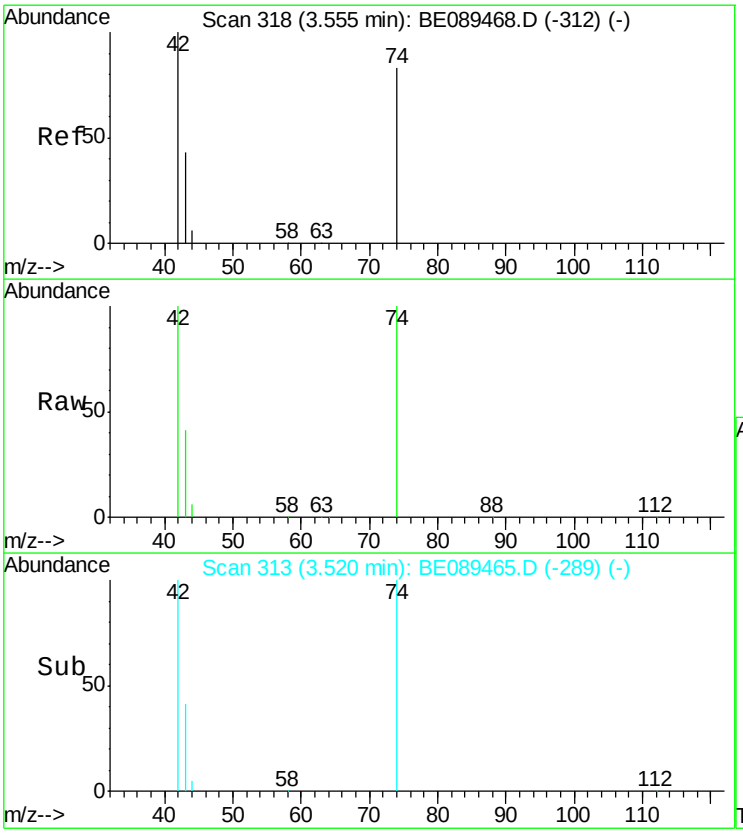
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.53 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:152 Resp: 59207

Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.1	183.1
115	67.1	53.2	79.8

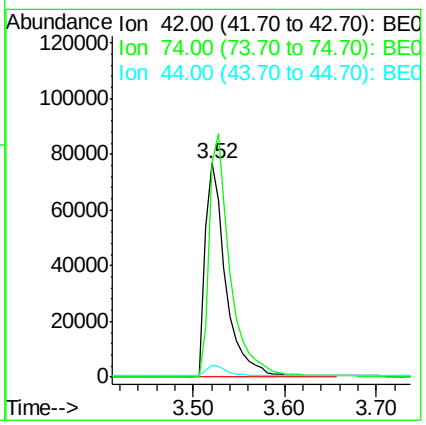


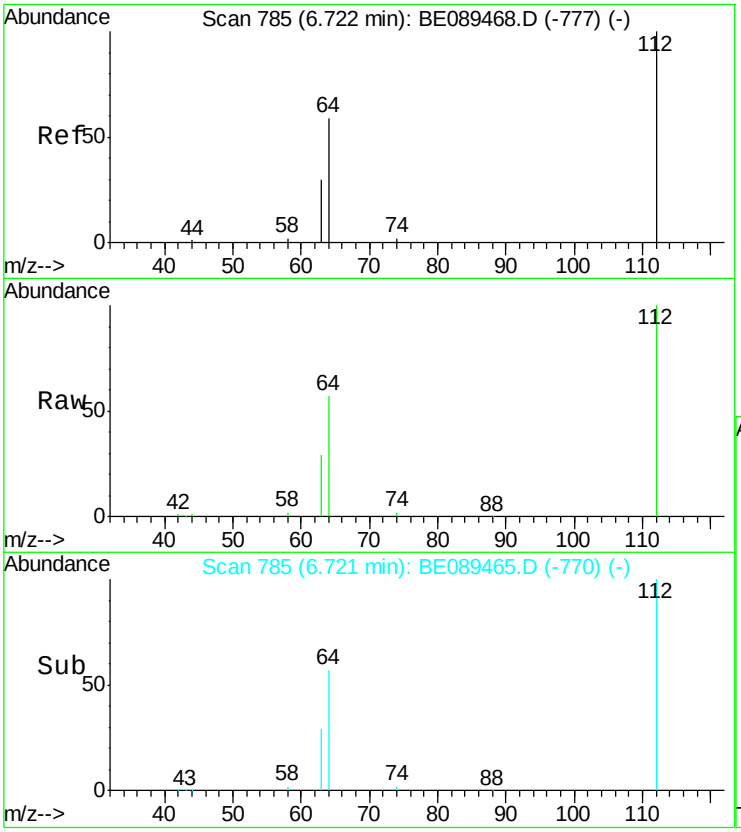


#2
n-Nitrosodimethylamine
Concen: 12.72 ng
RT: 3.52 min Scan# 313
Delta R.T. -0.03 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion: 42 Resp: 121108

Ion	Ratio	Lower	Upper
42	100		
74	100.1	65.4	98.2#
44	5.6	11.7	17.5#



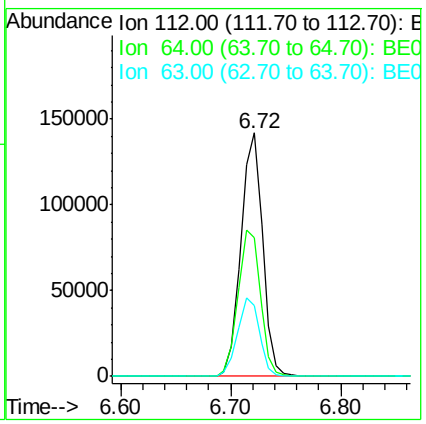


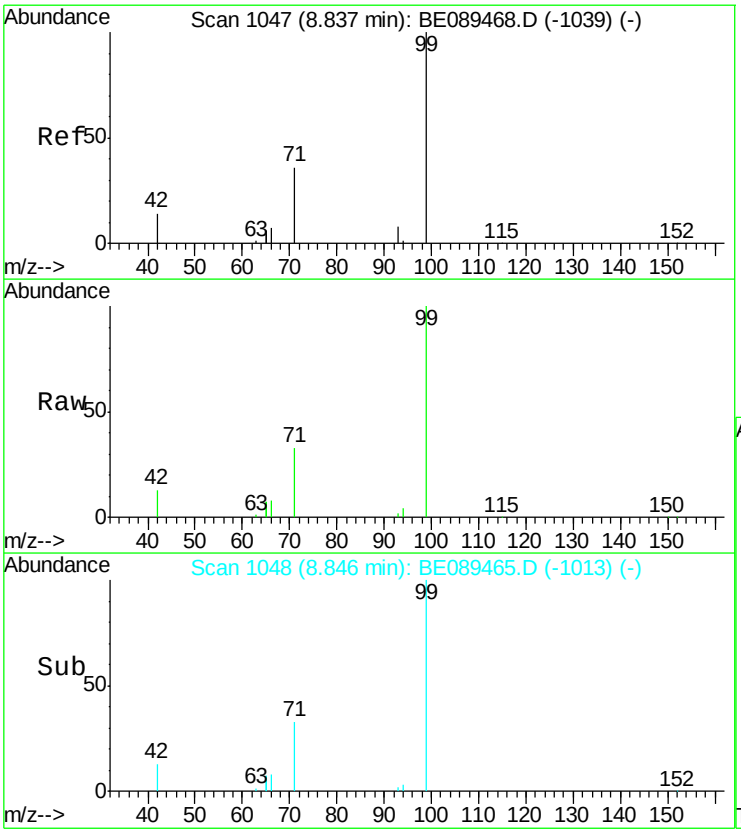
#3
2-Fluorophenol
Concen: 9.77 ng
RT: 6.72 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:112 Resp: 193553

Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.0	70.6
63	28.8	24.2	36.2

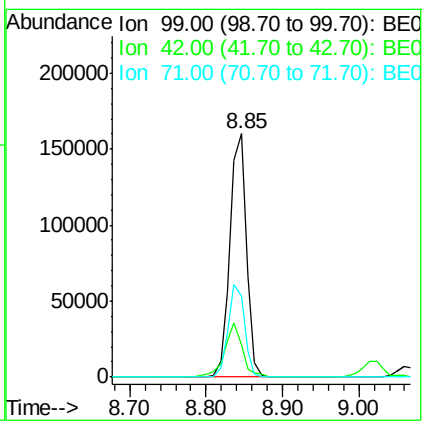


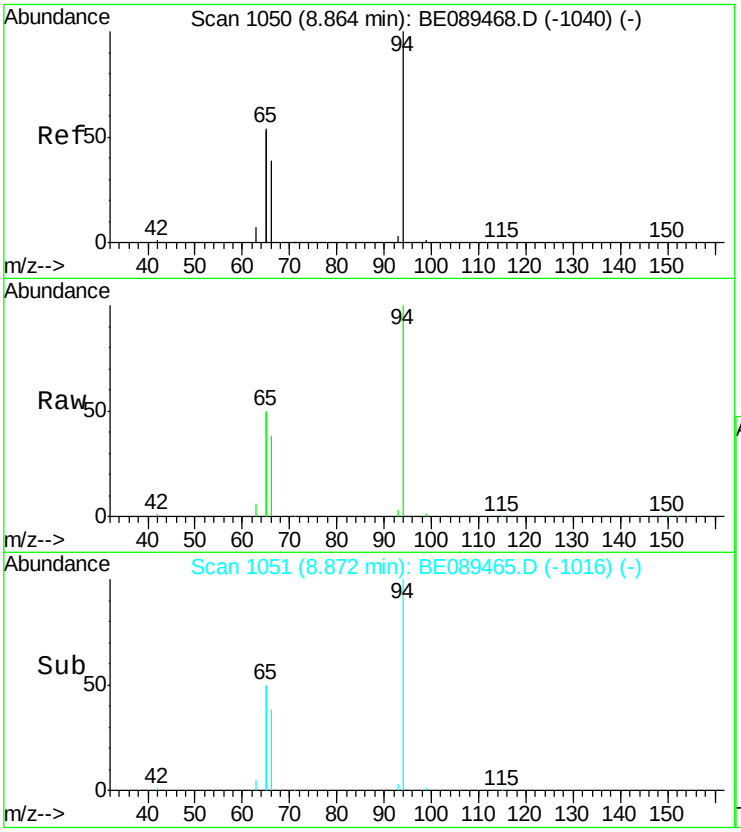


#4
Phenol-d6
Concen: 10.30 ng
RT: 8.85 min Scan# 1048
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion: 99 Resp: 239535

Ion	Ratio	Lower	Upper
99	100		
42	13.5	11.8	17.6
71	33.2	28.7	43.1



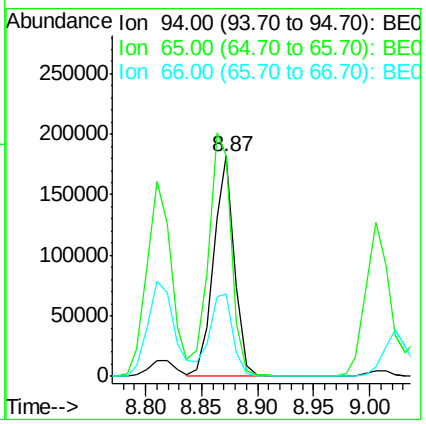


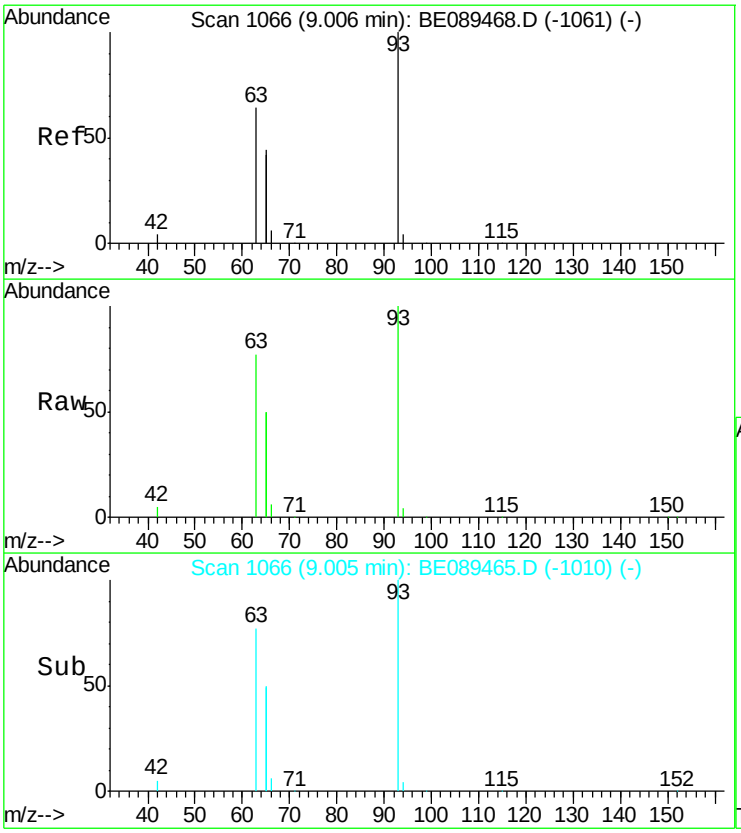
#5
Phenol
Concen: 9.46 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 94 Resp: 236179

Ion	Ratio	Lower	Upper
94	100		
65	100.0	33.9	73.9#
66	37.6	19.1	59.1

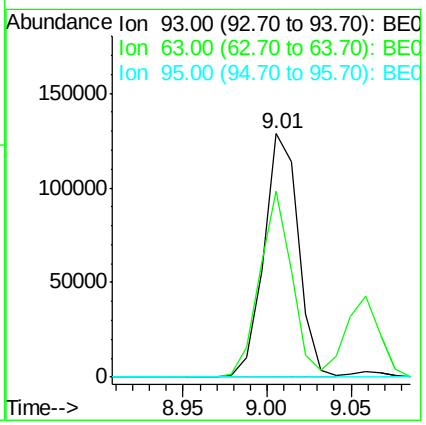


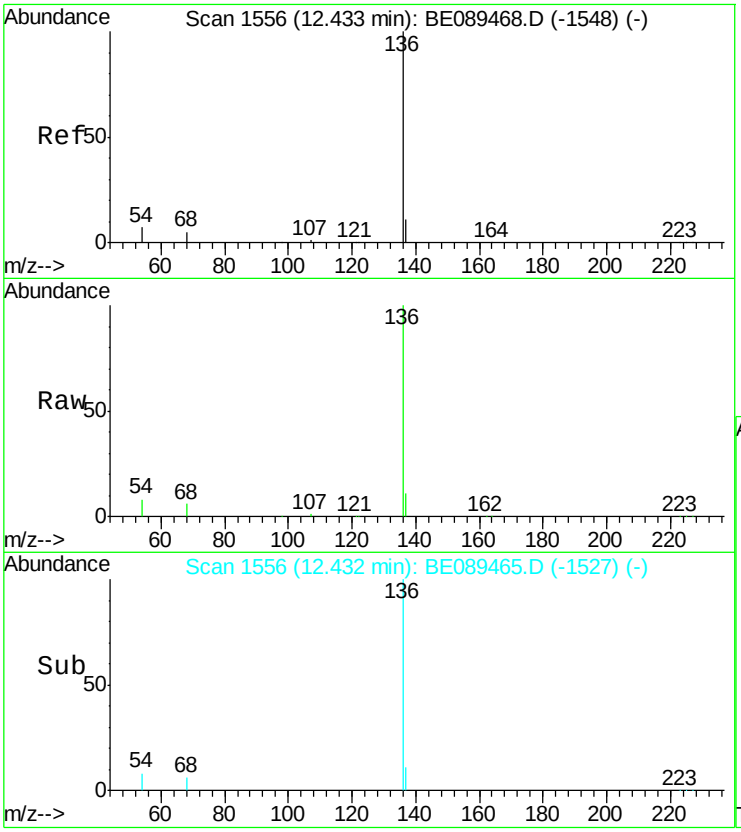


#6
bis(2-Chloroethyl)ether
Concen: 10.11 ng
RT: 9.01 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion: 93 Resp: 184343

Ion	Ratio	Lower	Upper
93	100		
63	71.9	57.0	85.6
95	0.0	0.0	0.0



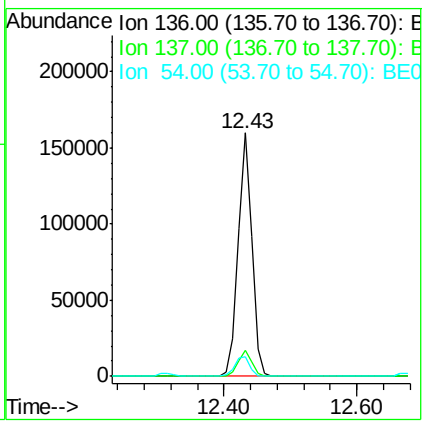


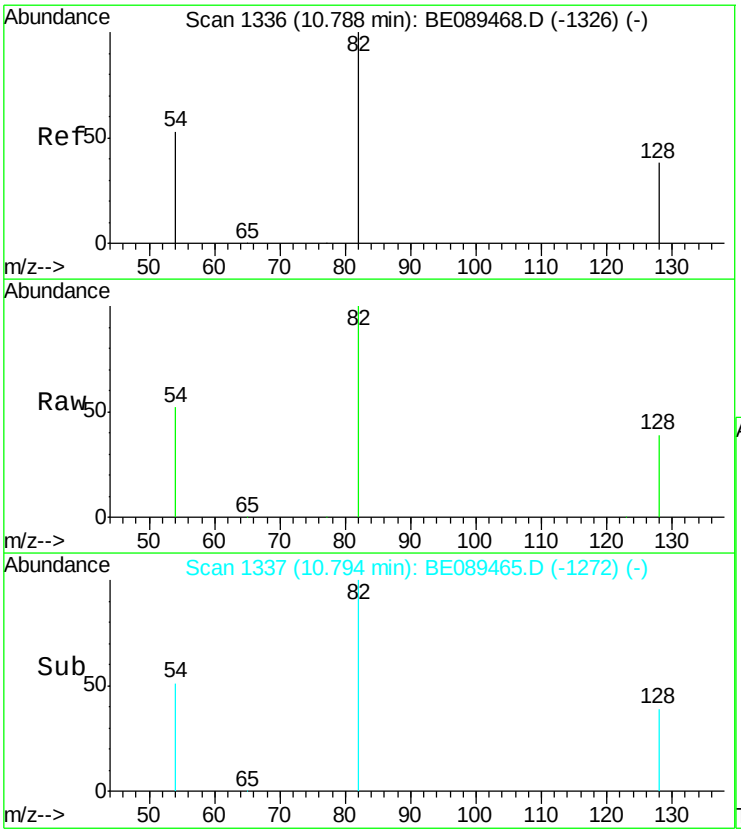
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.43 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:136 Resp: 234127

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.1	5.4	8.0#

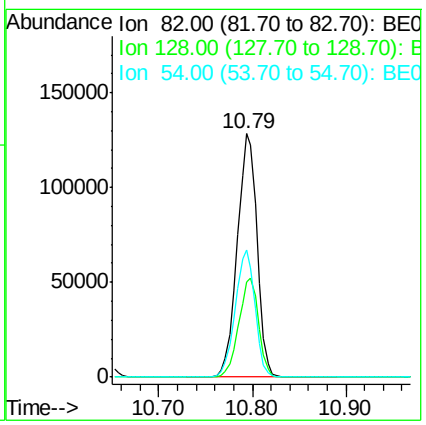


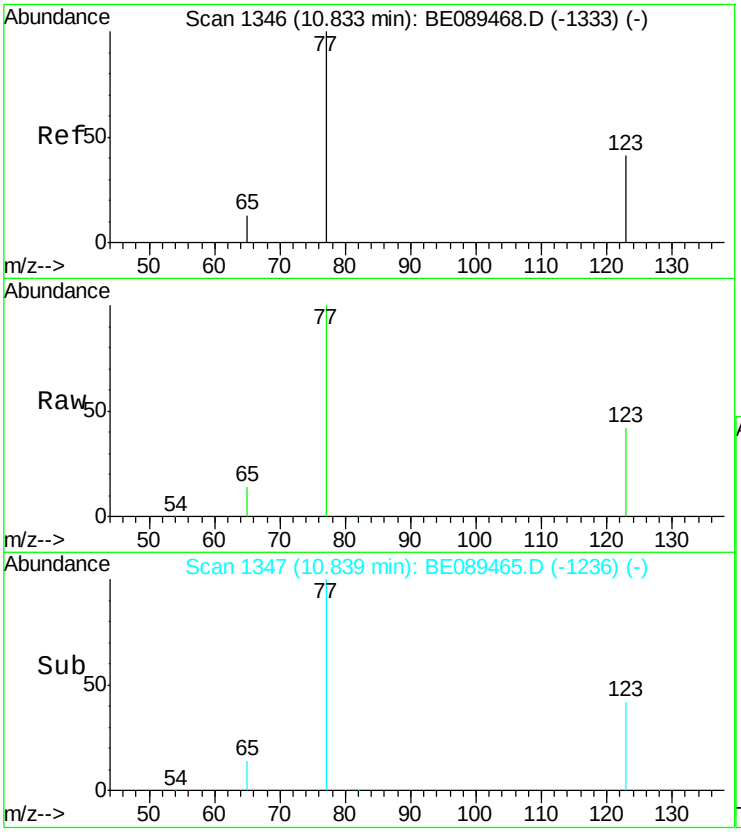


#8
Nitrobenzene-d5
Concen: 10.96 ng
RT: 10.79 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion: 82 Resp: 187277

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.3	45.5
54	52.1	43.1	64.7



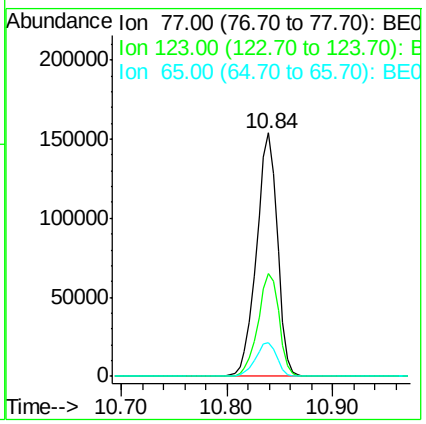


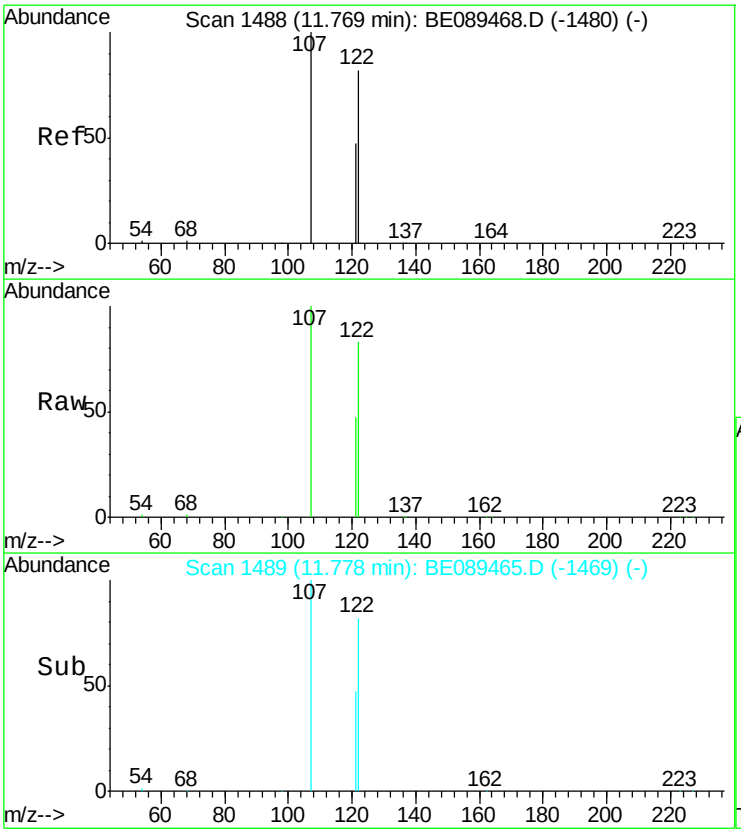
#9
Nitrobenzene
Concen: 10.91 ng
RT: 10.84 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion: 77 Resp: 211565

Ion	Ratio	Lower	Upper
77	100		
123	42.6	33.4	50.0
65	14.3	10.9	16.3

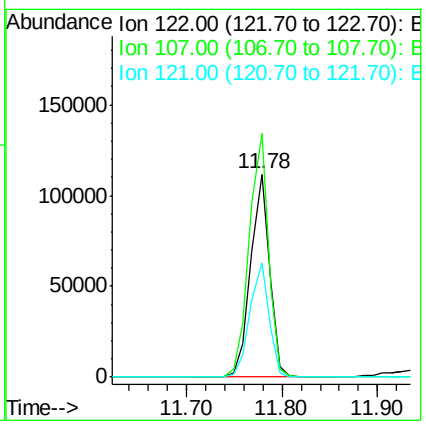


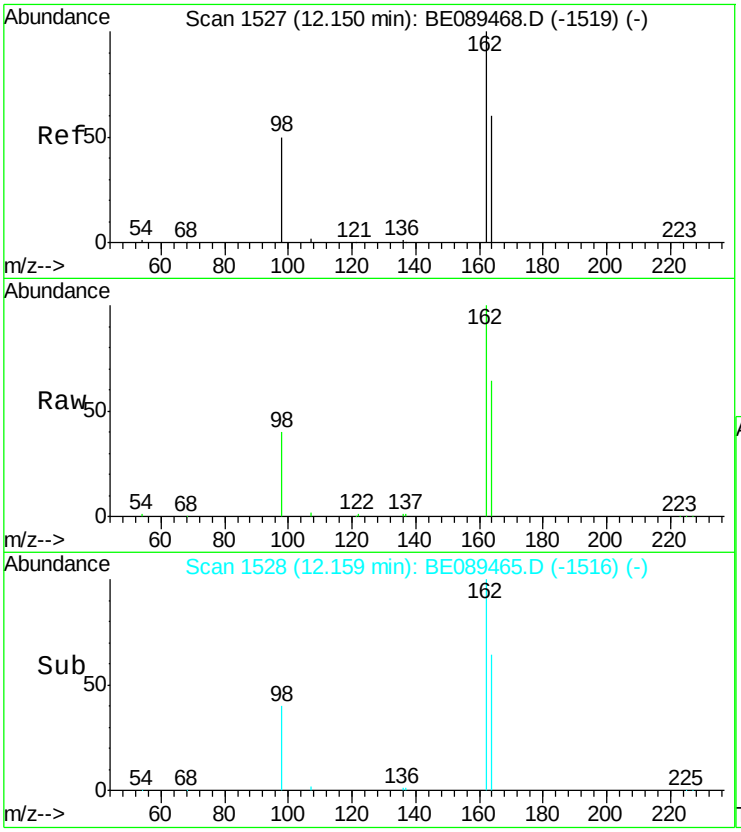


#10
2,4-Dimethylphenol
Concen: 10.98 ng
RT: 11.78 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:122 Resp: 152747

Ion	Ratio	Lower	Upper
122	100		
107	120.1	97.3	145.9
121	56.5	46.4	69.6



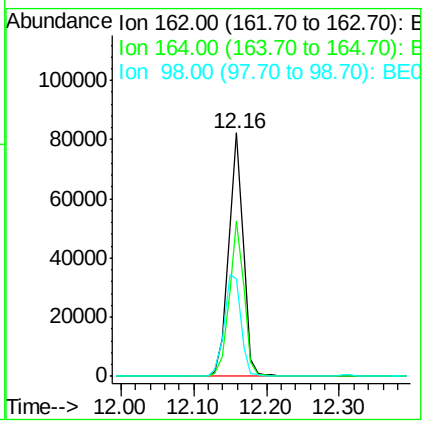


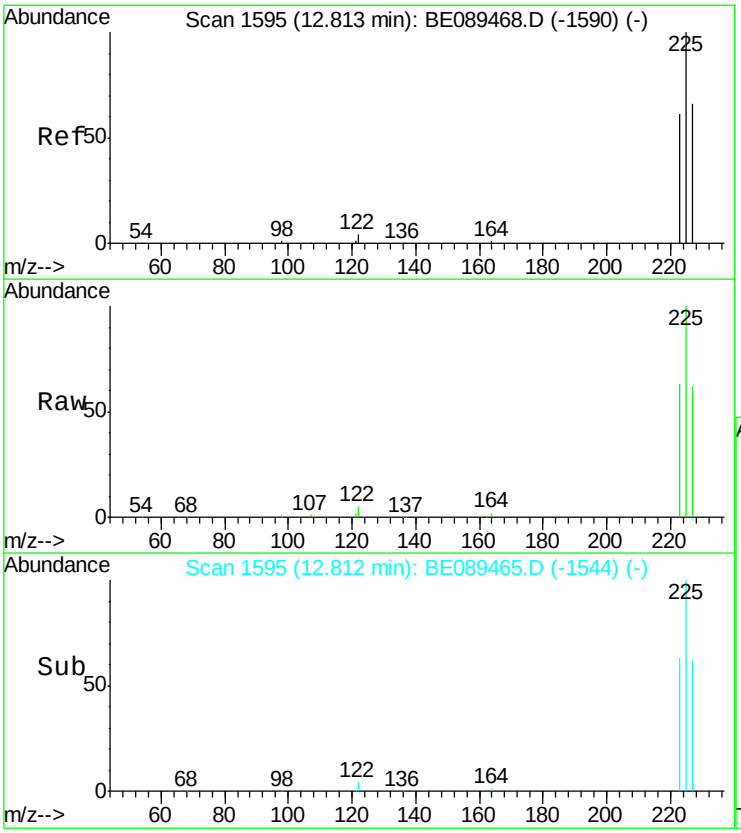
#11
2,4-Dichlorophenol
Concen: 11.00 ng
RT: 12.16 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:162 Resp: 115371

Ion	Ratio	Lower	Upper
162	100		
164	63.8	39.9	79.9
98	40.1	31.3	71.3

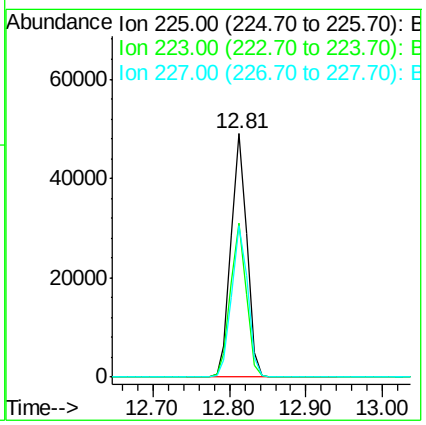


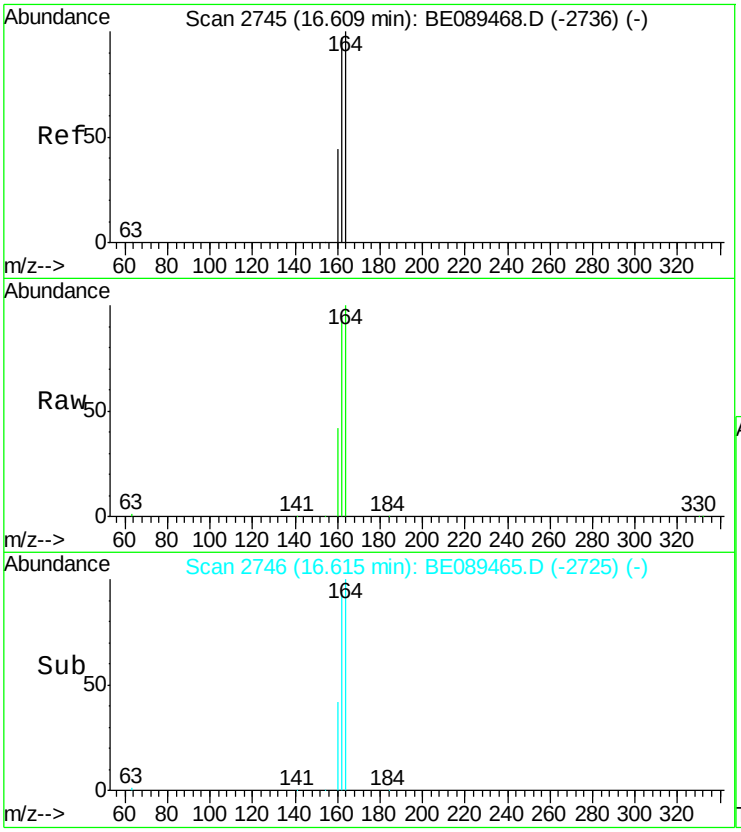


#12
Hexachlorobutadiene
Concen: 9.43 ng
RT: 12.81 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:225 Resp: 69576

Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.4	74.0
227	63.2	51.2	76.8



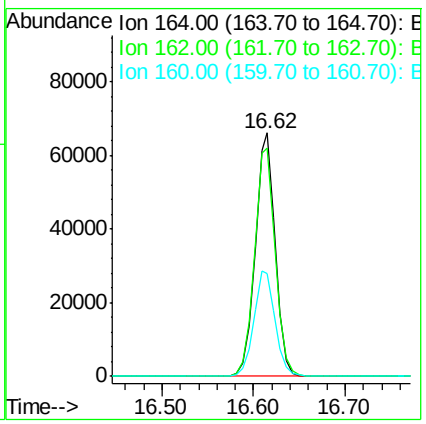


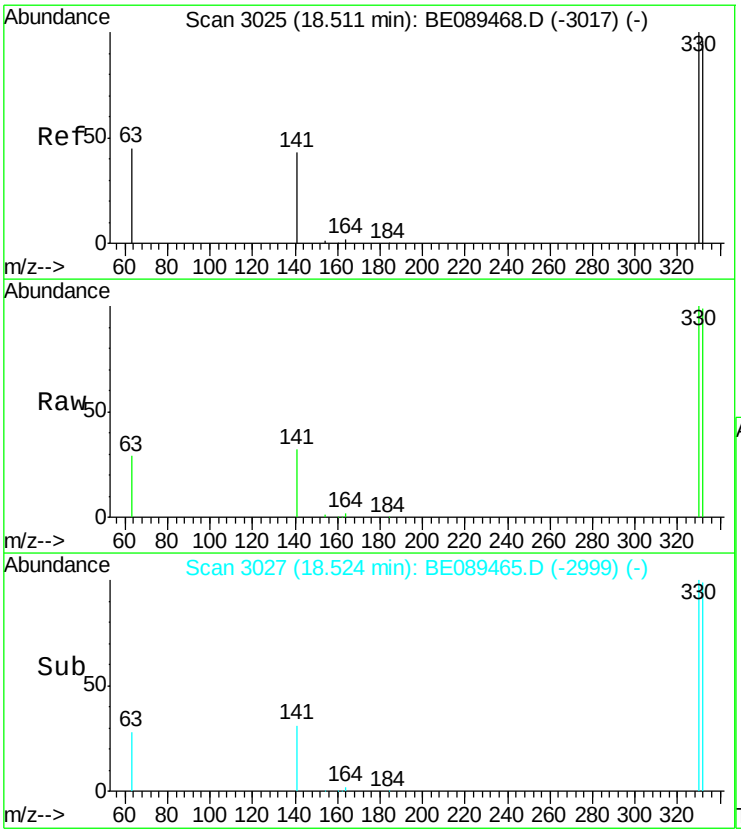
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:164 Resp: 100469

Ion	Ratio	Lower	Upper
164	100		
162	93.9	77.6	116.4
160	42.4	35.6	53.4

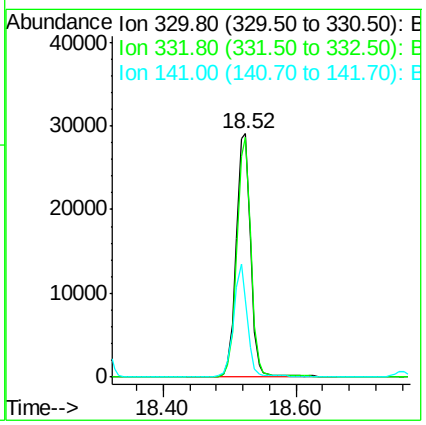


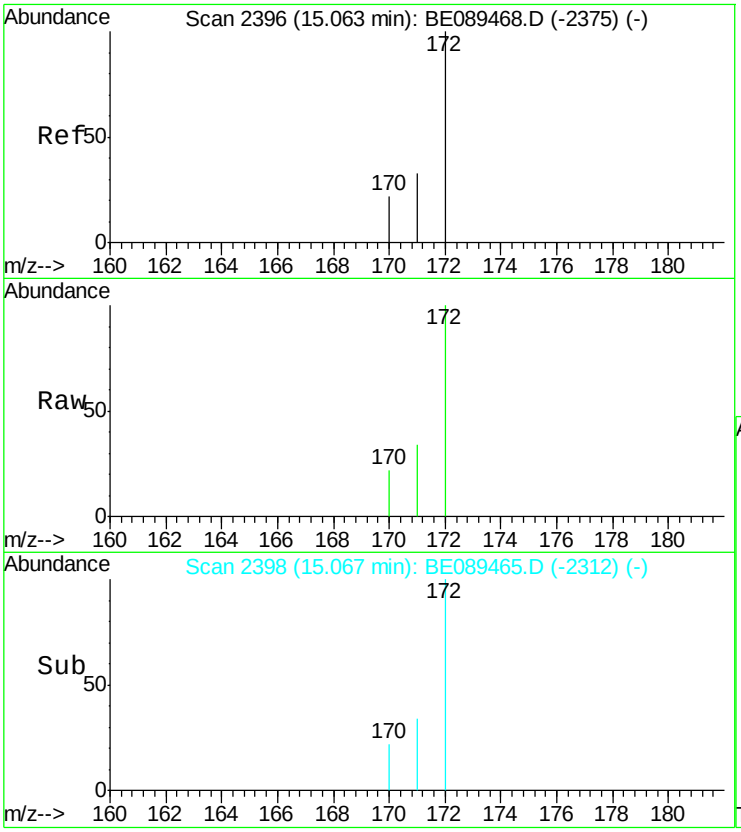


#14
2,4,6-Tribromophenol
Concen: 16.76 ng
RT: 18.52 min Scan# 3027
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:330 Resp: 44014

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.0	117.0
141	43.1	33.8	50.6



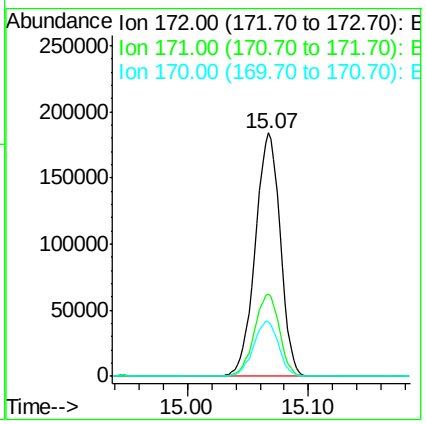


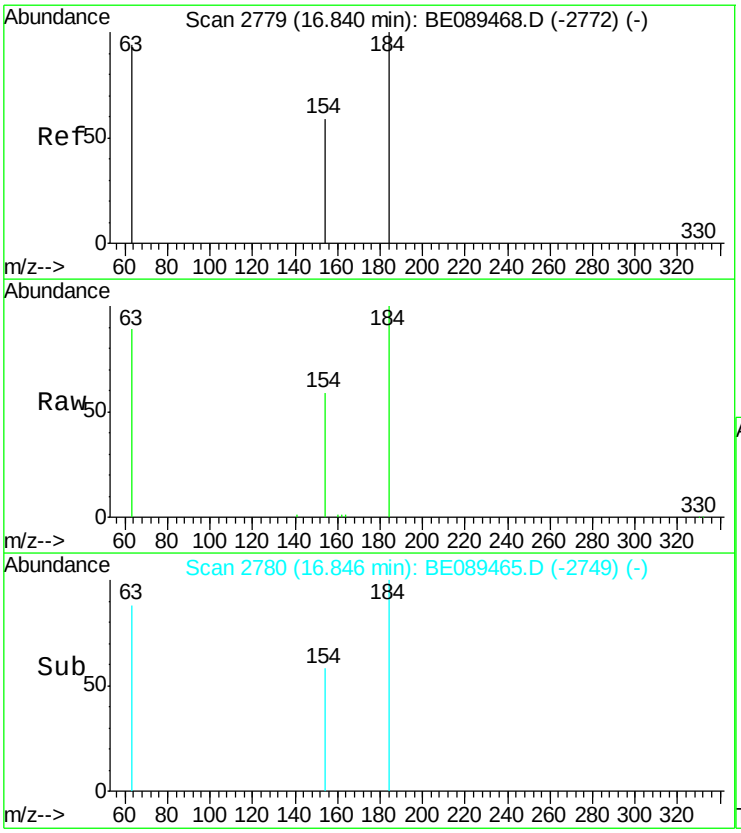
#15
2-Fluorobiphenyl
Concen: 9.37 ng
RT: 15.07 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:172 Resp: 262662

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.8	40.2
170	22.4	17.7	26.5

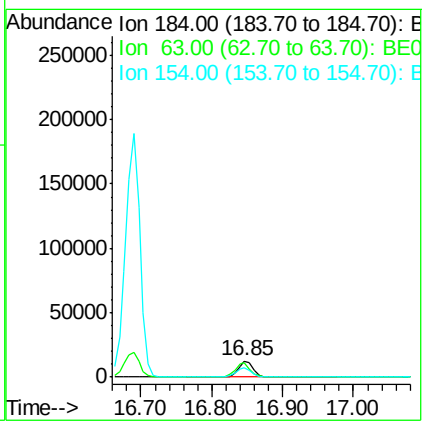


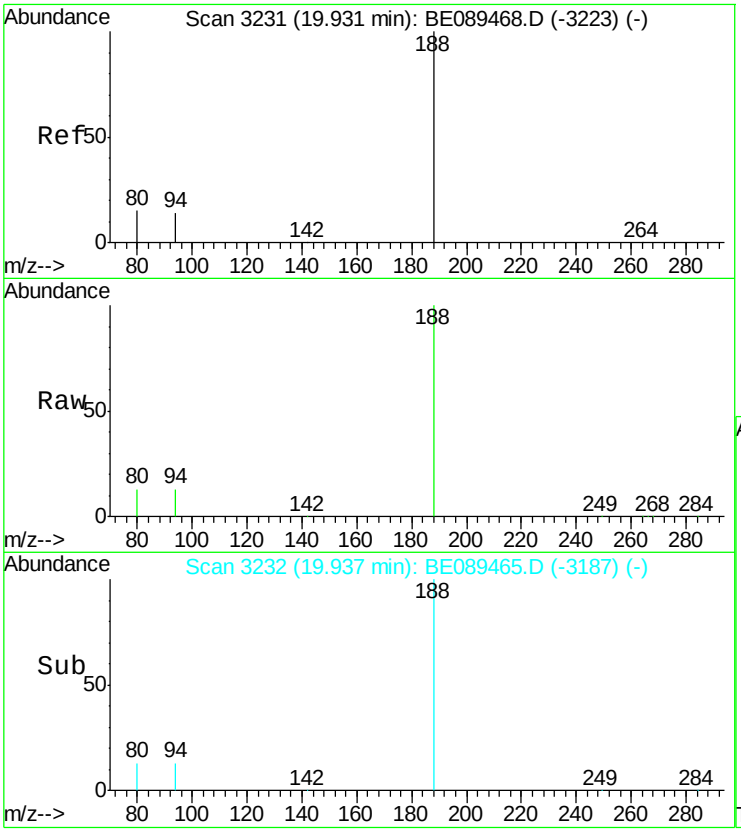


#16
2,4-Dinitrophenol
Concen: 30.57 ng
RT: 16.85 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:184 Resp: 18482

Ion	Ratio	Lower	Upper
184	100		
63	89.2	92.1	138.1#
154	59.3	61.4	92.2#



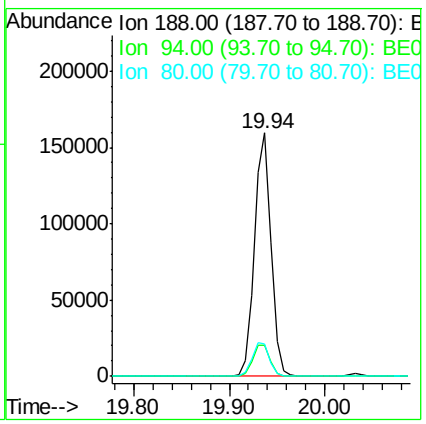


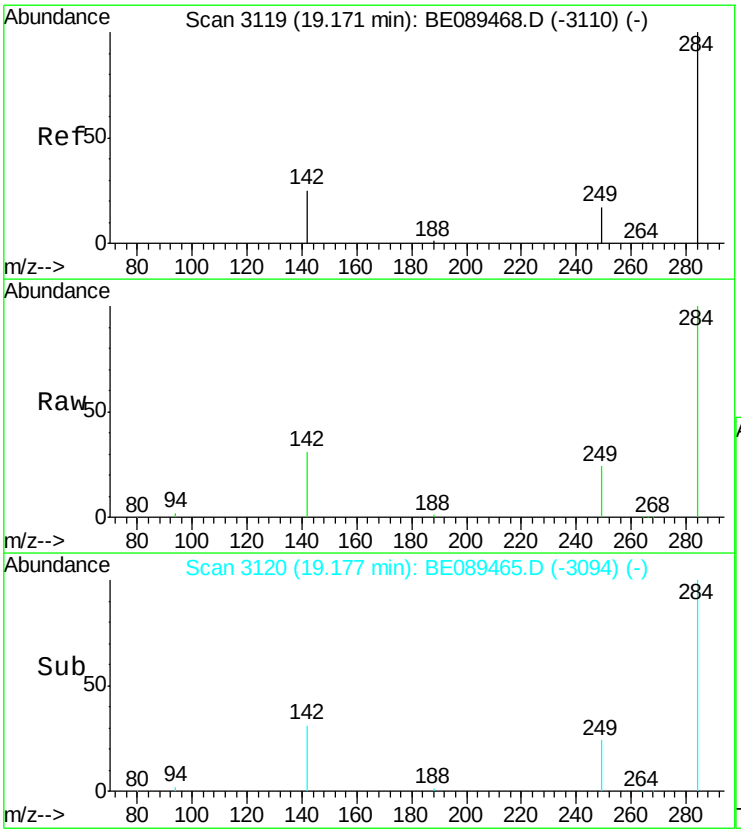
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:188 Resp: 193248

Ion	Ratio	Lower	Upper
188	100		
94	13.0	11.1	16.7
80	13.3	11.8	17.6

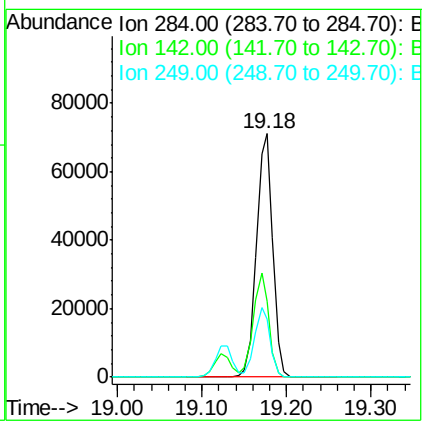


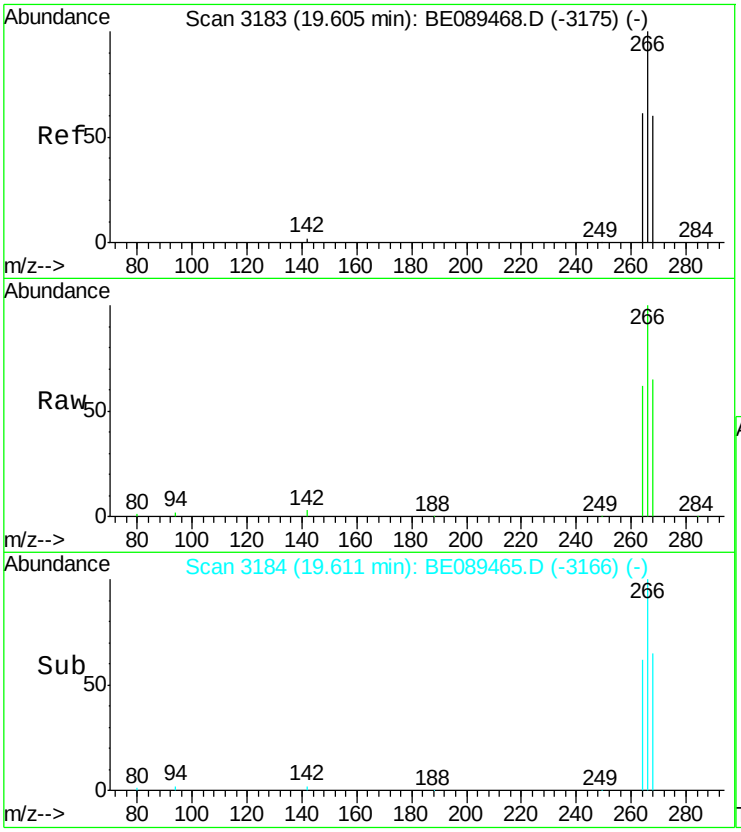


#18
Hexachlorobenzene
Concen: 9.50 ng
RT: 19.18 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:284 Resp: 96384

Ion	Ratio	Lower	Upper
284	100		
142	31.3	24.4	36.6
249	23.7	18.2	27.2



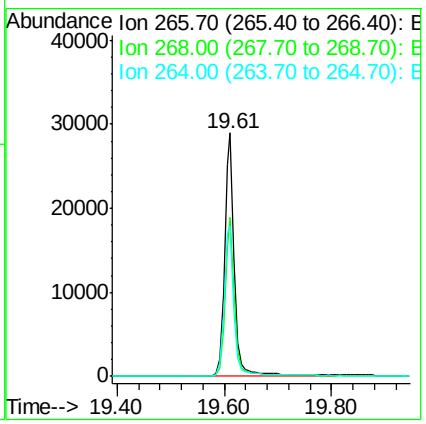


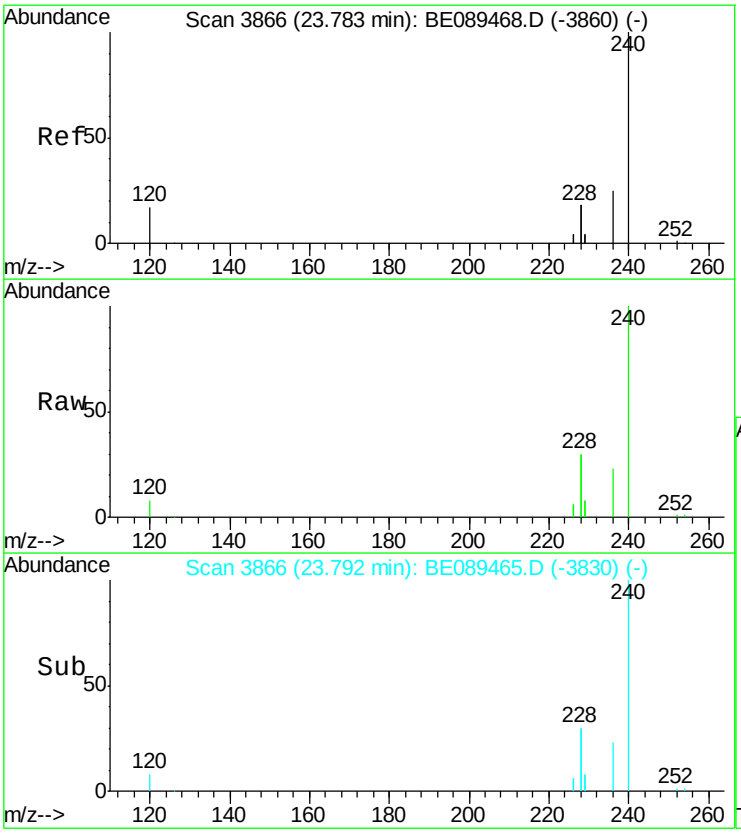
#19
Pentachlorophenol
Concen: 31.38 ng
RT: 19.61 min Scan# 3184
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:266 Resp: 37402

Ion	Ratio	Lower	Upper
266	100		
268	65.5	50.0	75.0
264	61.7	50.6	75.8

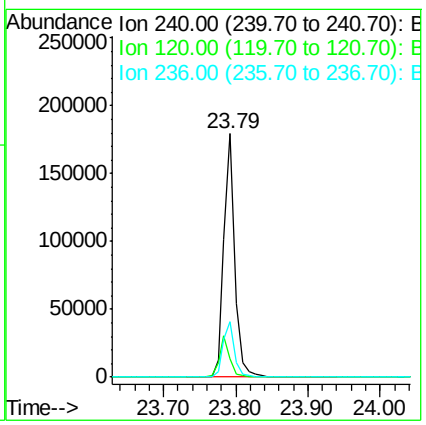


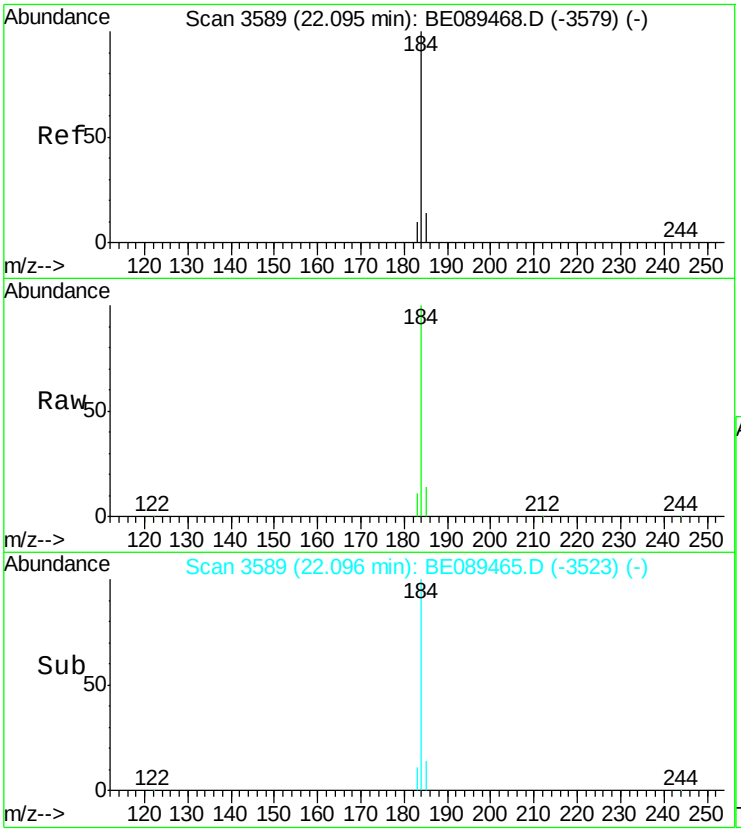


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:240 Resp: 189871

Ion	Ratio	Lower	Upper
240	100		
120	7.6	13.8	20.6#
236	22.8	20.2	30.2



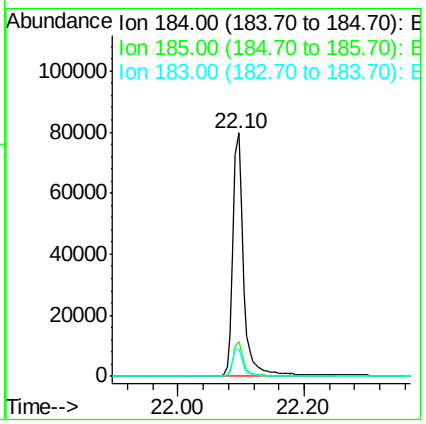


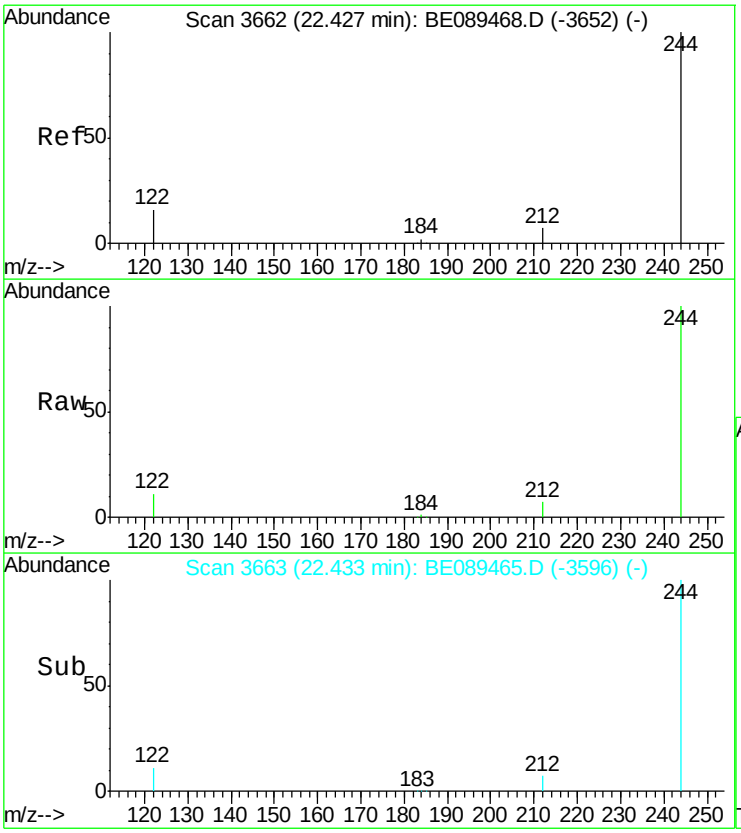
#21
Benzidine
Concen: 7.01 ng
RT: 22.10 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:184 Resp: 94872

Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.0	18.0
183	11.0	9.0	13.4

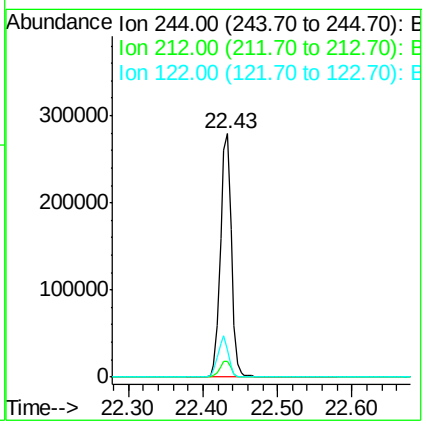


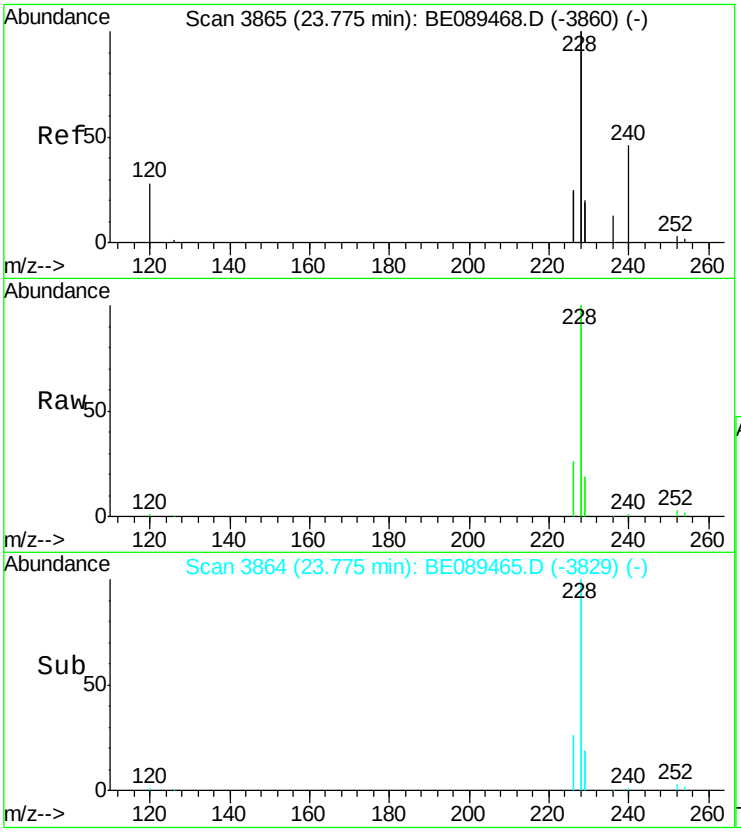


#22
Terphenyl-d14
Concen: 12.94 ng
RT: 22.43 min Scan# 3663
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:244 Resp: 283211

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	11.4	12.6	19.0#



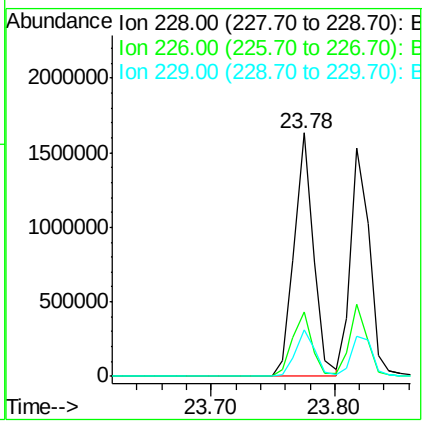


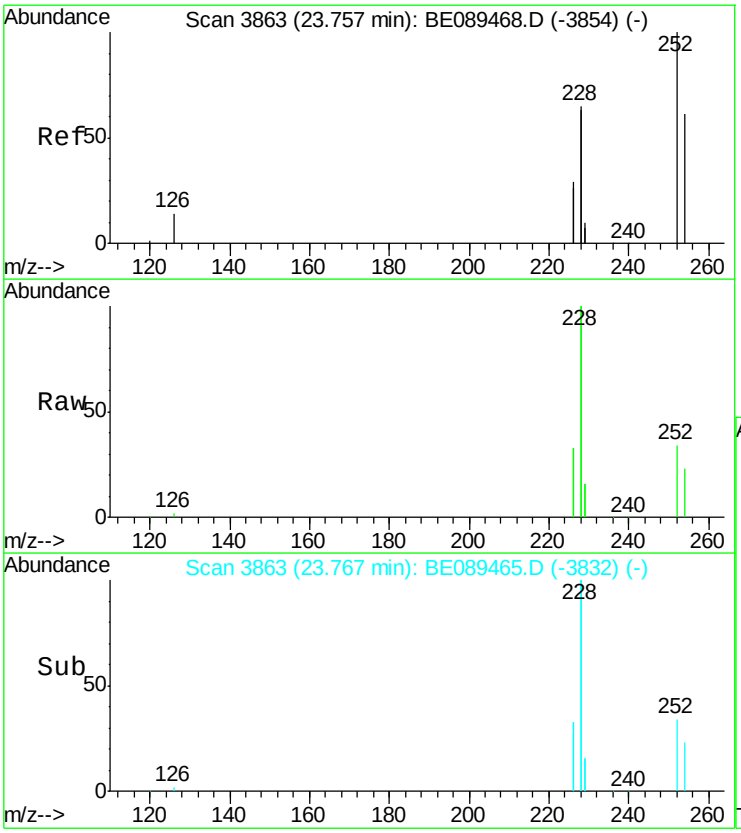
#23
Benzo(a)anthracene
Concen: 11.59 ng
RT: 23.78 min Scan# 3864
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1775482

Ion	Ratio	Lower	Upper
228	100		
226	26.4	19.6	29.4
229	19.3	15.9	23.9

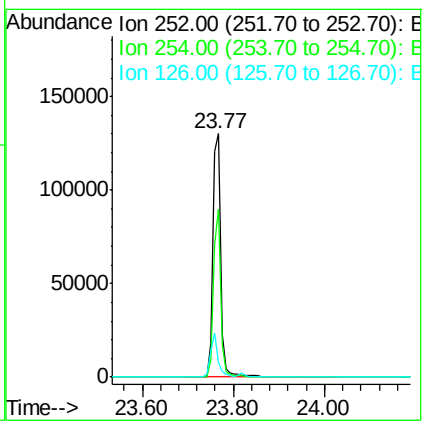


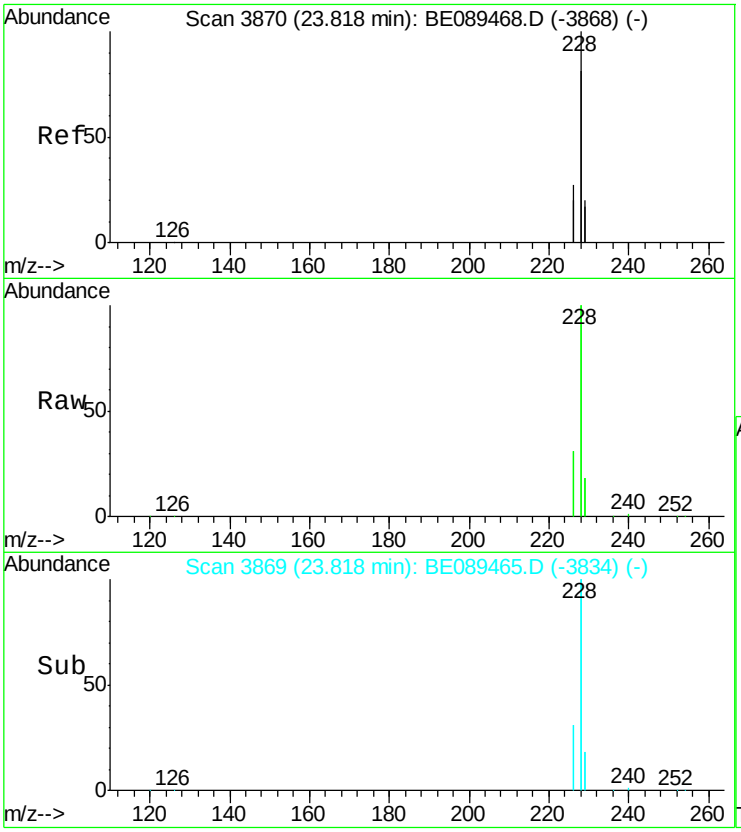


#24
3,3'-Dichlorobenzidine
Concen: 11.91 ng
RT: 23.77 min Scan# 3863
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:252 Resp: 160472

Ion	Ratio	Lower	Upper
252	100		
254	69.2	48.6	73.0
126	5.7	12.4	18.6#



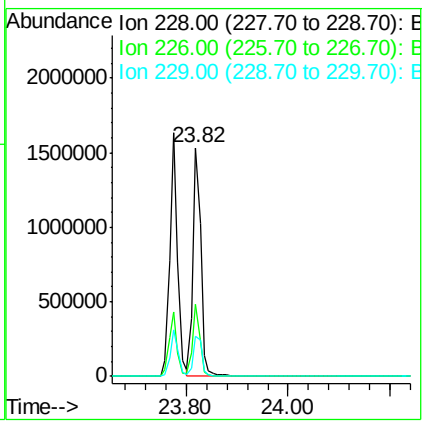


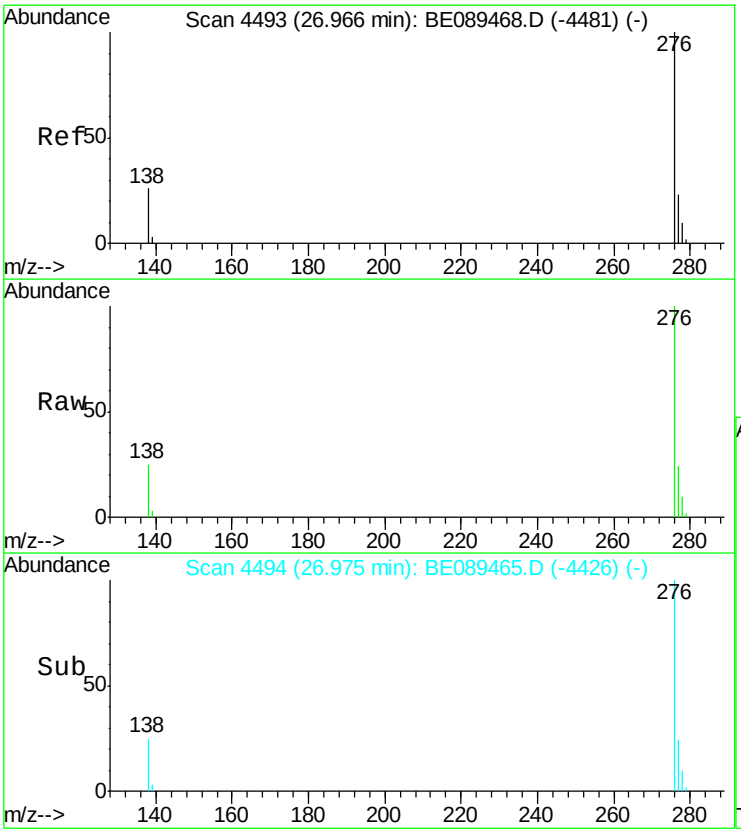
#25
Chrysene
Concen: 9.07 ng
RT: 23.82 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:228 Resp: 1665393

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.8
229	17.8	16.2	24.2

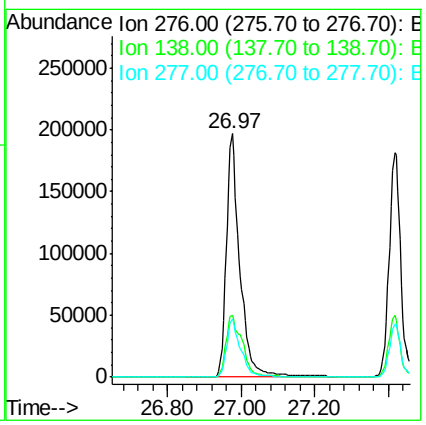


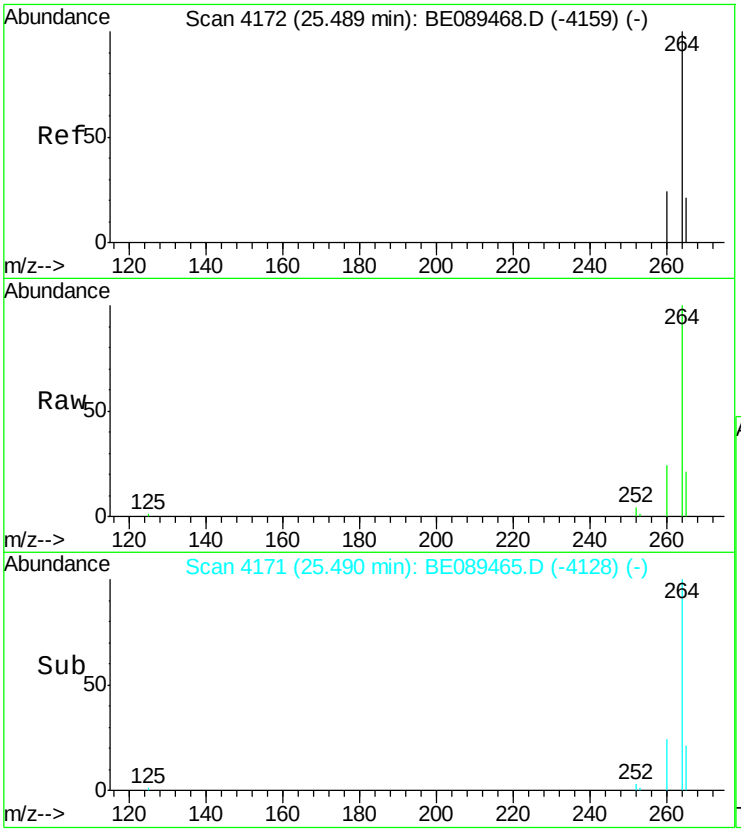


#26
Indeno(1,2,3-cd)pyrene
Concen: 9.28 ng
RT: 26.97 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:276 Resp: 498940

Ion	Ratio	Lower	Upper
276	100		
138	31.0	24.2	36.4
277	25.0	19.9	29.9



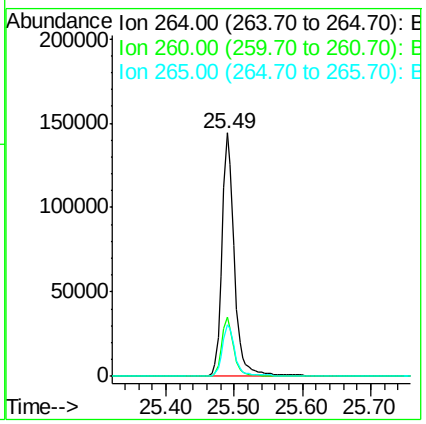


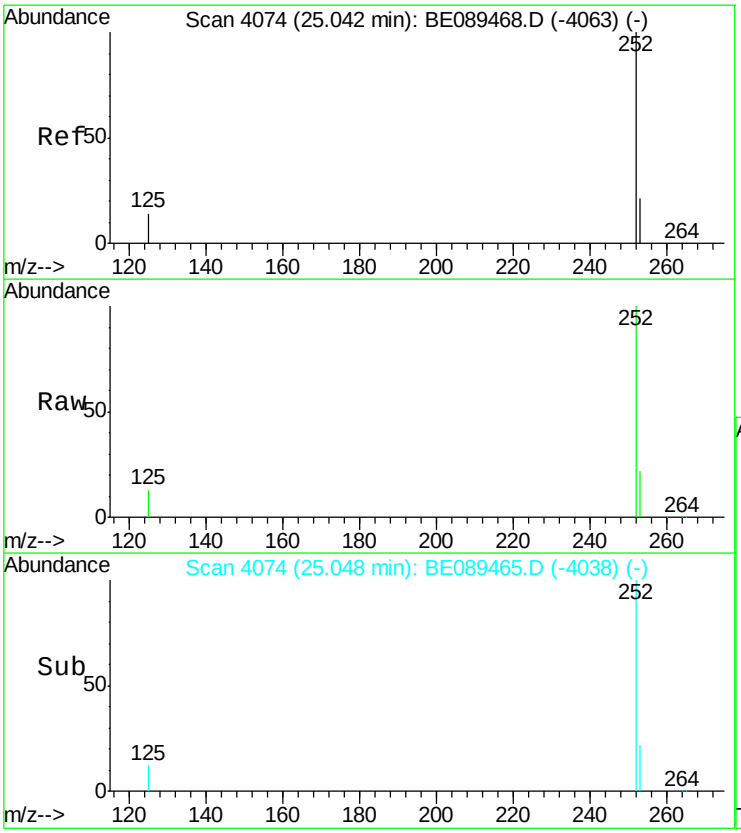
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.49 min Scan# 4171
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:264 Resp: 180237

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.2	17.0	25.6

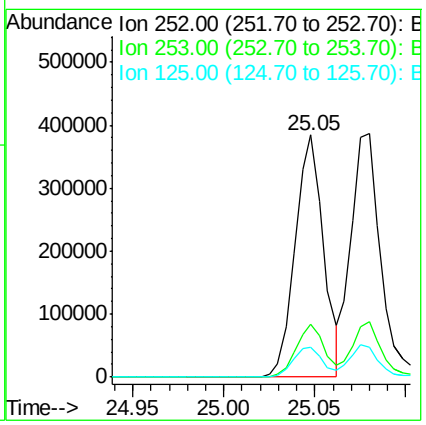


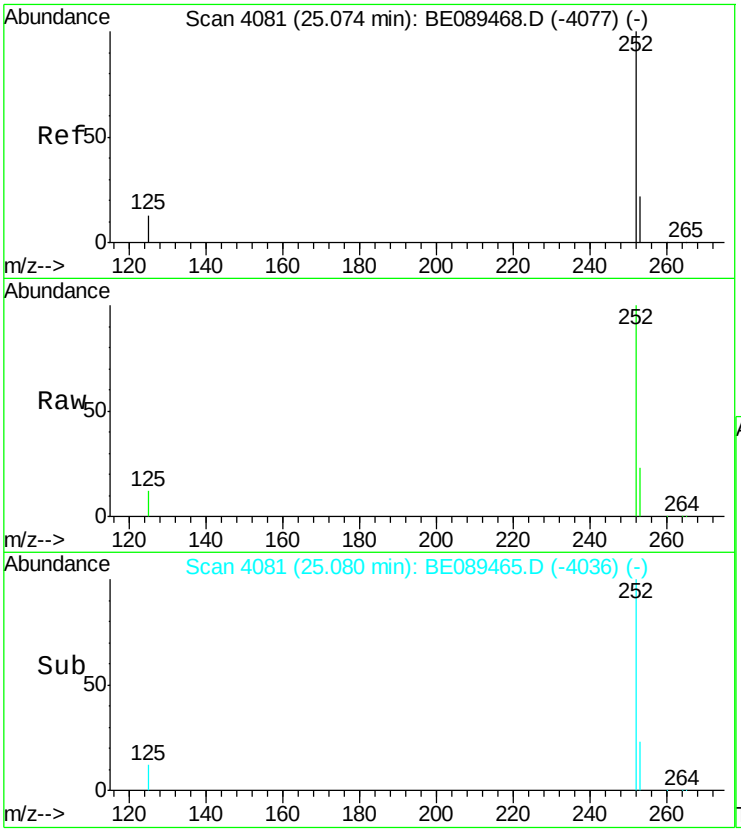


#28
Benzo(b)fluoranthene
Concen: 16.80 ng
RT: 25.05 min Scan# 4074
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:252 Resp: 413295

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	12.5	11.3	16.9



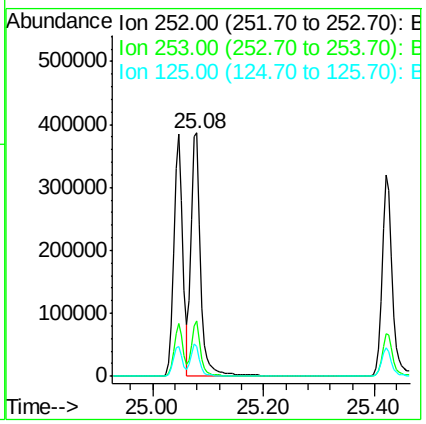


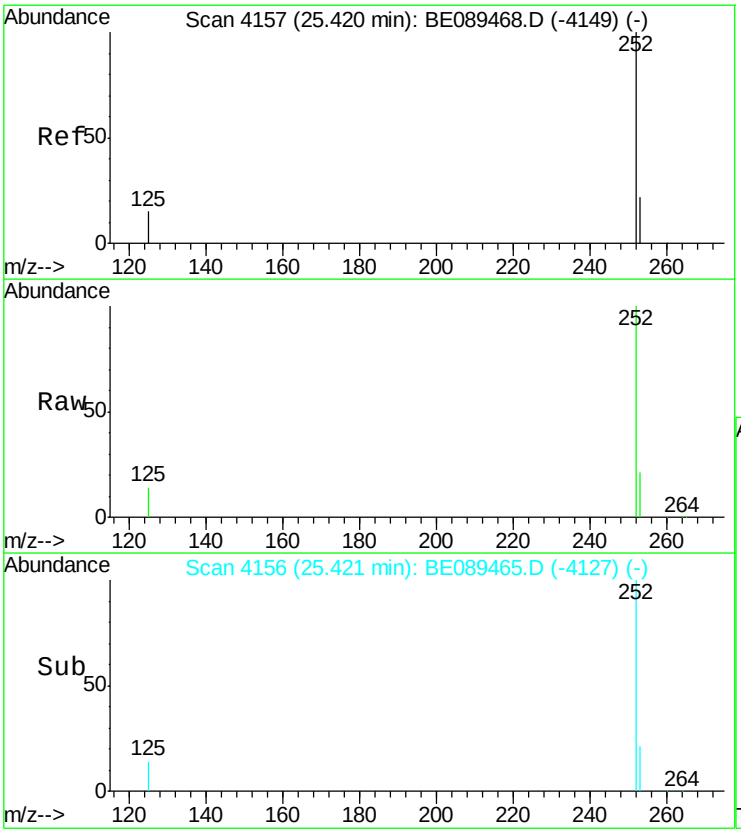
#29
Benzo(k)fluoranthene
Concen: 10.17 ng
RT: 25.08 min Scan# 4081
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:252 Resp: 459952

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	12.2	10.6	15.8

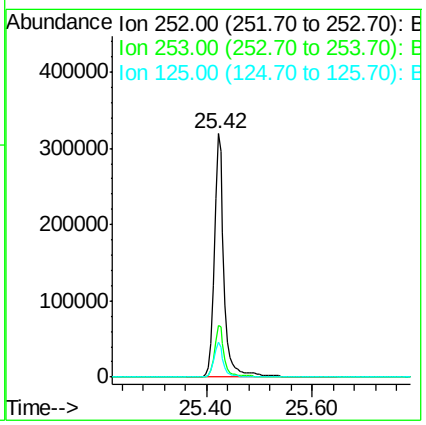


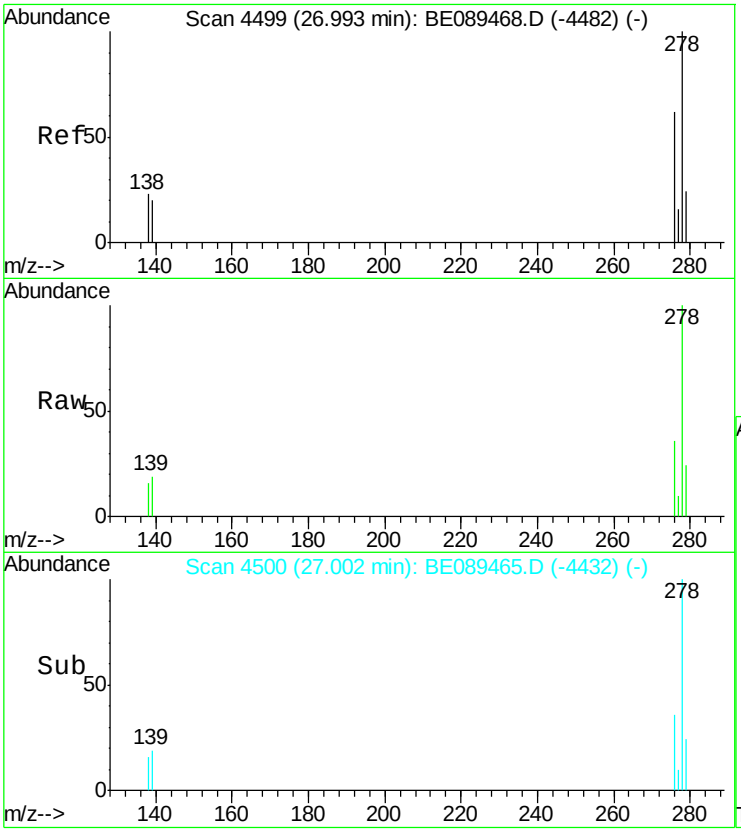


#30
Benzo(a)pyrene
Concen: 14.76 ng
RT: 25.42 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Tgt Ion:252 Resp: 407183

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.2
125	14.3	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 12.95 ng
RT: 27.00 min Scan# 4500
Delta R.T. 0.01 min
Lab File: BE089465.D
Acq: 3 Feb 2015 15:40

Instrument :
BNA_E
LabSampleId :
SSTDICC010

Tgt Ion:278 Resp: 428190

Ion	Ratio	Lower	Upper
278	100		
139	19.2	16.8	25.2
279	23.6	19.4	29.0