Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
Data File : BE089600.D
Acq On : 17 Feb 2015 18:24
Operator : TP/IZ
Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC005

Quant Time: Feb 18 01:11:38 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 00:56:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	60999	5.00	ng		0.00
7) Naphthalene-d8	12.24	136	244363	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	121664	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	233841	5.00	ng		0.00
20) Chrysene-d12	23.66	240	267735	5.00	ng		0.00
27) Perylene-d12	25.34	264	228507	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	85104	4.99	ng		0.00
4) Phenol-d6	8.62	99	111422	4.88	ng		0.00
8) Nitrobenzene-d5	10.61	82	64651	6.42	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	15946	6.33	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	165243	5.05	ng		0.00
22) Terphenyl-d14	22.30	244	194739	5.37	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.32	42	41878	4.78	ng	#	91
5) Phenol	8.65	94	119558	4.88	ng		99
6) bis(2-Chloroethyl)ether	8.83	93	91655	4.88	ng	#	99
9) Nitrobenzene	10.65	77	80486	6.73	ng		97
10) 2,4-Dimethylphenol	11.58	122	72275	5.24	ng		98
11) 2,4-Dichlorophenol	11.96	162	60437	5.58	ng		99
12) Hexachlorobutadiene	12.63	225	38384	5.12	ng		99
16) 2,4-Dinitrophenol	16.65	184	3372	7.85	ng	#	75
18) Hexachlorobenzene	19.00	284	52026	5.27	ng	#	85
19) Pentachlorophenol	19.44	266	12224	7.31	ng		98
21) Benzidine	21.96	184	96317	4.79	ng		99
23) Benzo(a)anthracene	23.64	228	1320431	5.25	ng		98
24) 3,3'-Dichlorobenzidine	23.63	252	94956	5.88	ng	#	98
25) Chrysene	23.69	228	1289936	4.99	ng		99
26) Indeno(1,2,3-cd)pyrene	26.75	276	308282	5.45	ng	#	100
28) Benzo(b)fluoranthene	24.92	252	258828	6.04	ng		99
29) Benzo(k)fluoranthene	24.94	252	361558	5.89	ng		100
30) Benzo(a)pyrene	25.28	252	248688	6.07	ng		99
31) Dibenzo(a,h)anthracene	26.78	278	243593	5.96	ng		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
Data File : BE089600.D
Acq On : 17 Feb 2015 18:24
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Sample : SSTDICC005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Quant Time: Feb 18 01:11:38 2015
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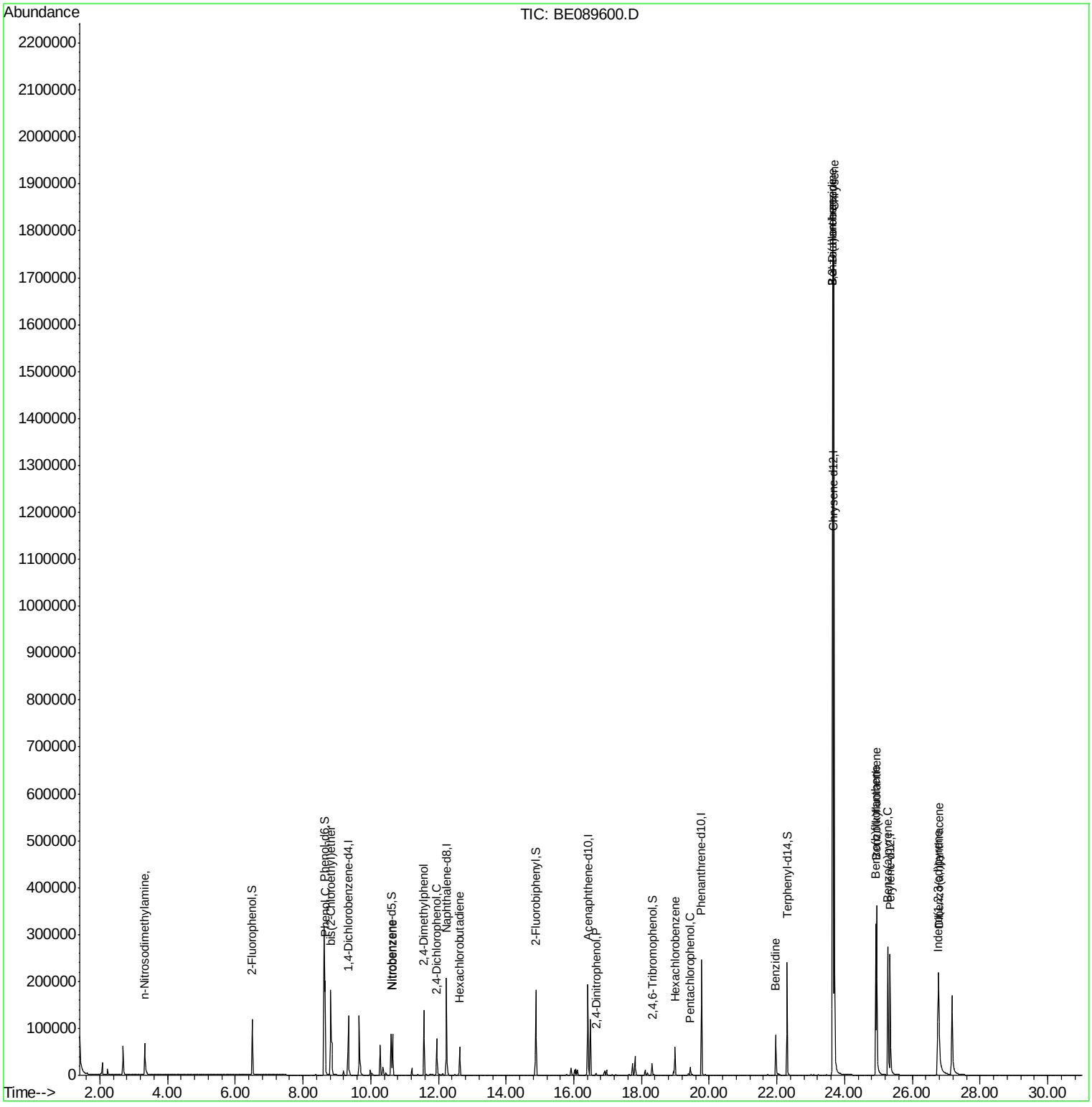
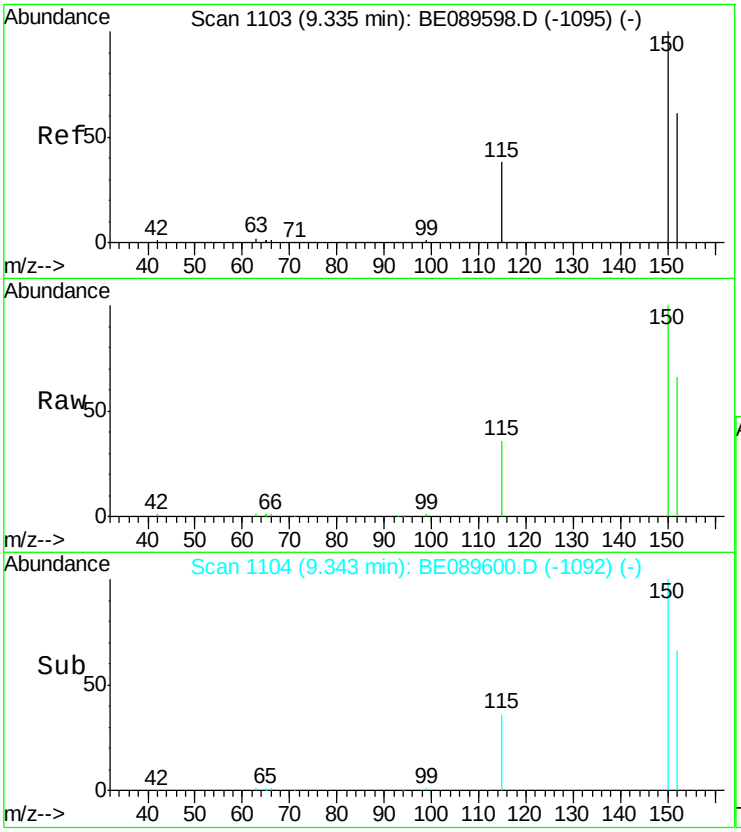


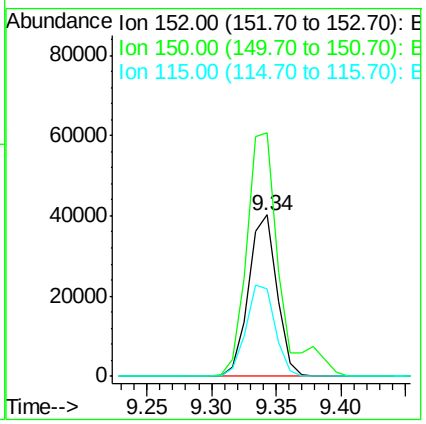


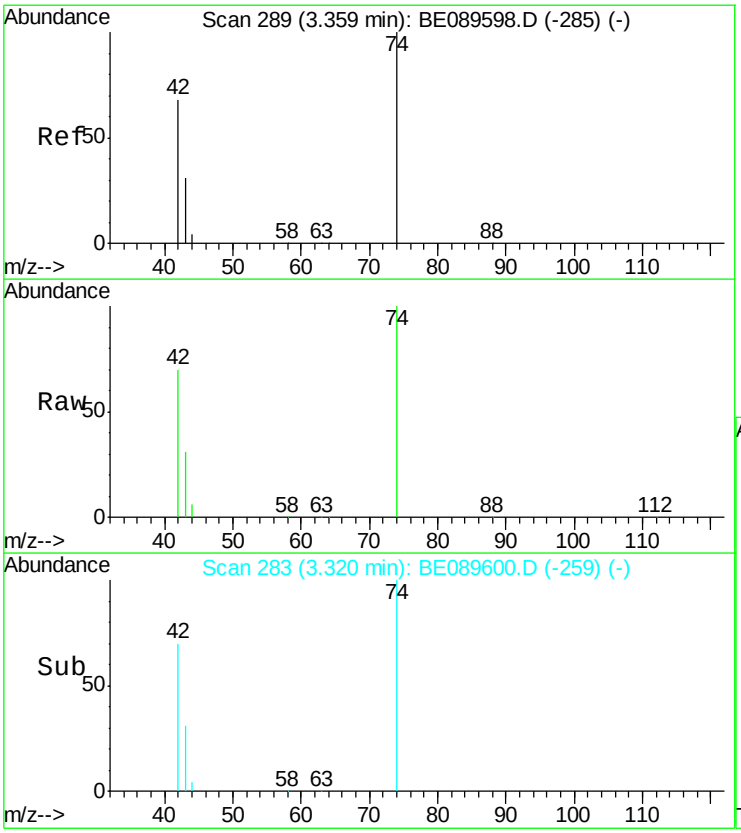
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:152 Resp: 60999

Ion	Ratio	Lower	Upper
152	100		
150	151.2	130.7	196.1
115	54.4	49.6	74.4

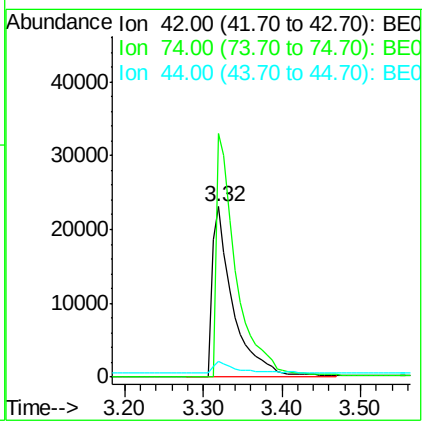


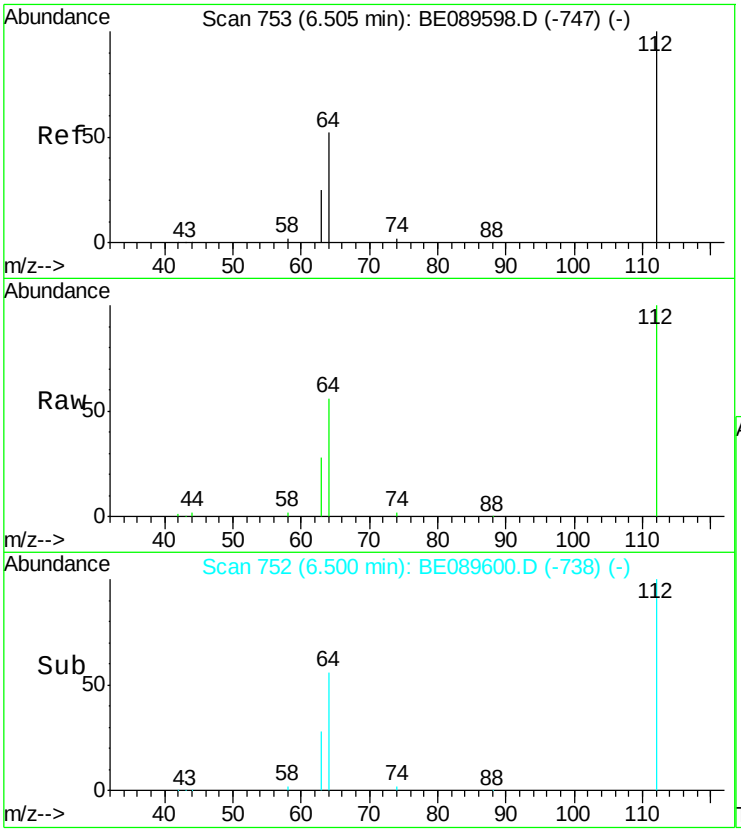


#2
n-Nitrosodimethylamine
Concen: 4.78 ng
RT: 3.32 min Scan# 283
Delta R.T. -0.04 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion: 42 Resp: 41878

Ion	Ratio	Lower	Upper
42	100		
74	143.0	114.6	171.8
44	8.9	27.5	41.3#



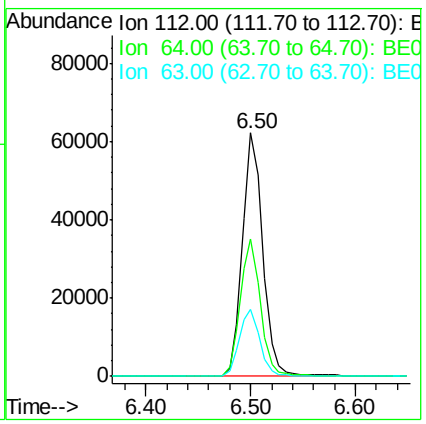


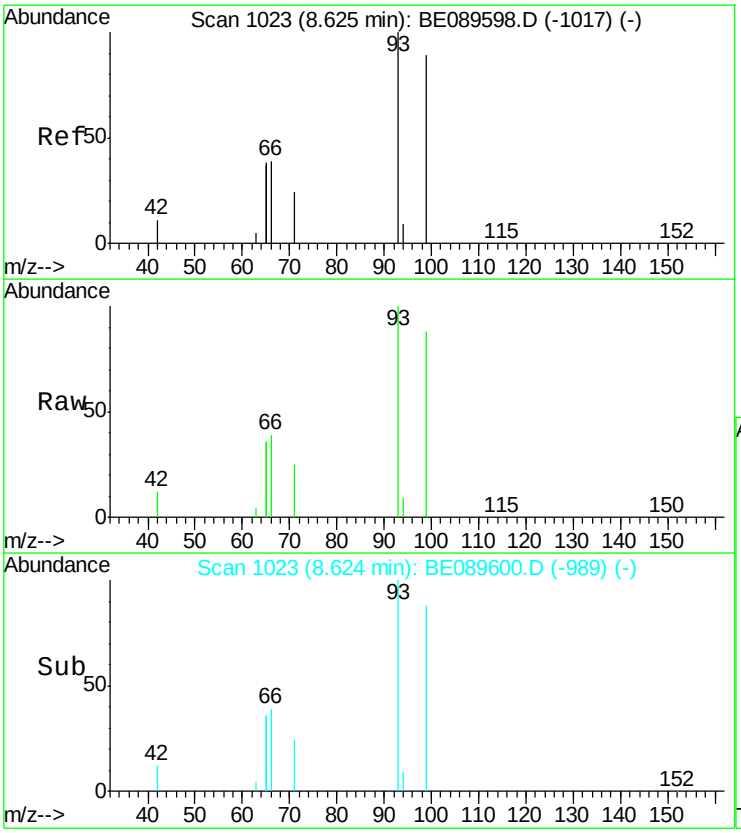
#3
2-Fluorophenol
Concen: 4.99 ng
RT: 6.50 min Scan# 752
Delta R.T. -0.01 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:112 Resp: 85104

Ion	Ratio	Lower	Upper
112	100		
64	56.3	41.7	62.5
63	27.7	20.3	30.5

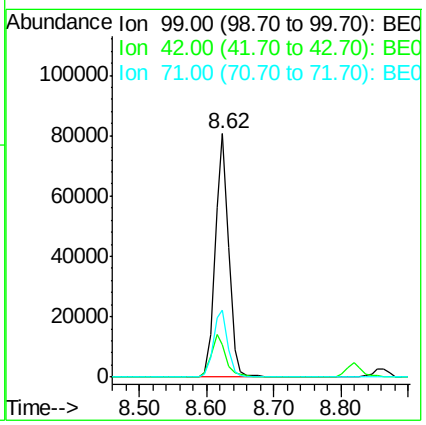


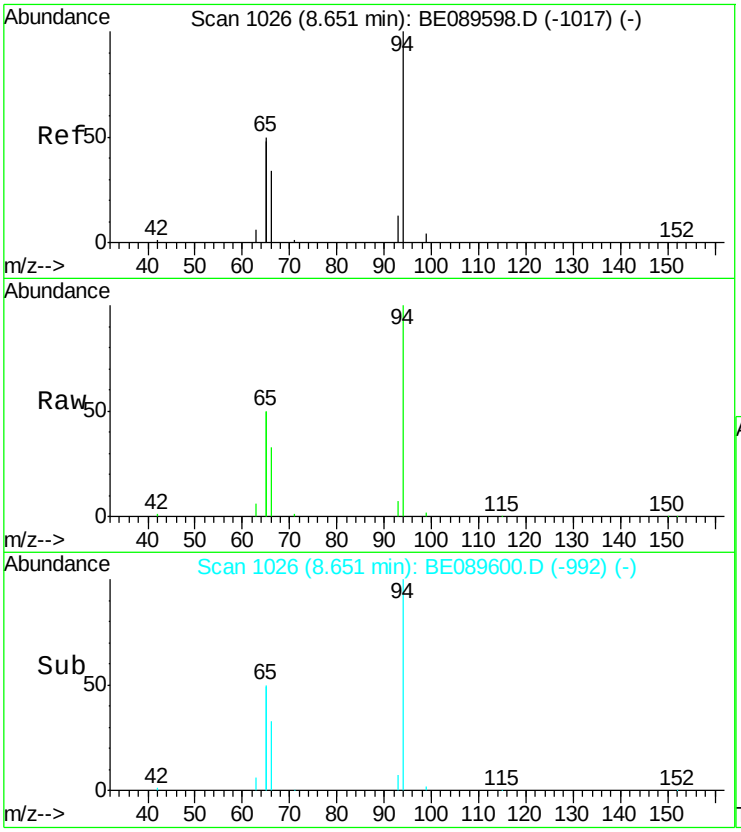


#4
Phenol-d6
Concen: 4.88 ng
RT: 8.62 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion: 99 Resp: 111422

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.8	16.2
71	27.8	21.8	32.6



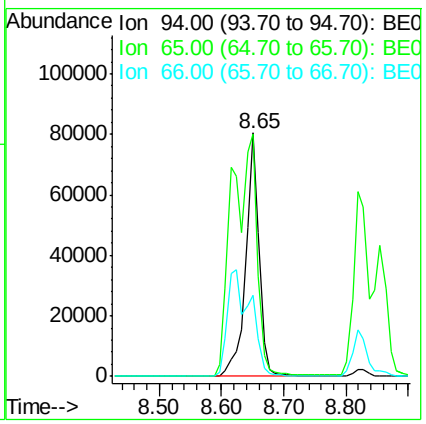


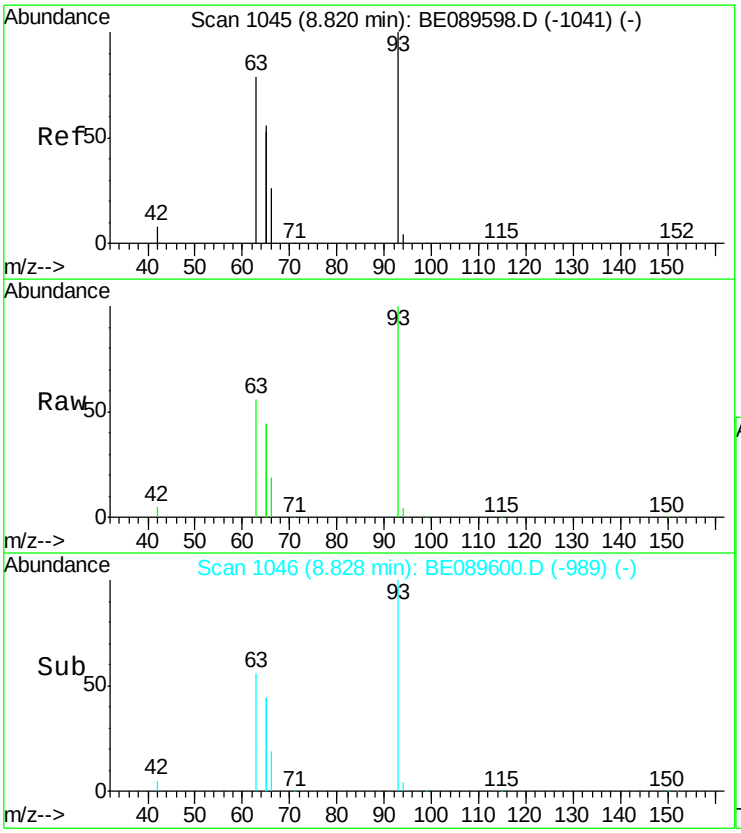
#5
Phenol
Concen: 4.88 ng
RT: 8.65 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 94 Resp: 119558

Ion	Ratio	Lower	Upper
94	100		
65	99.6	78.6	118.6
66	33.0	14.0	54.0

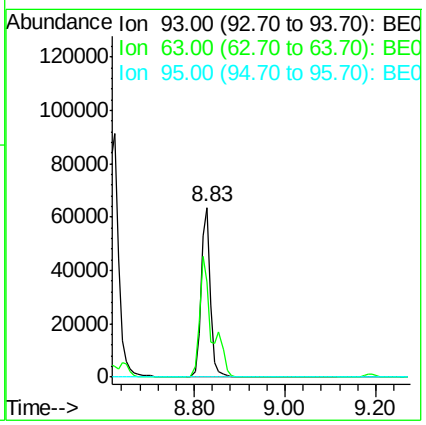


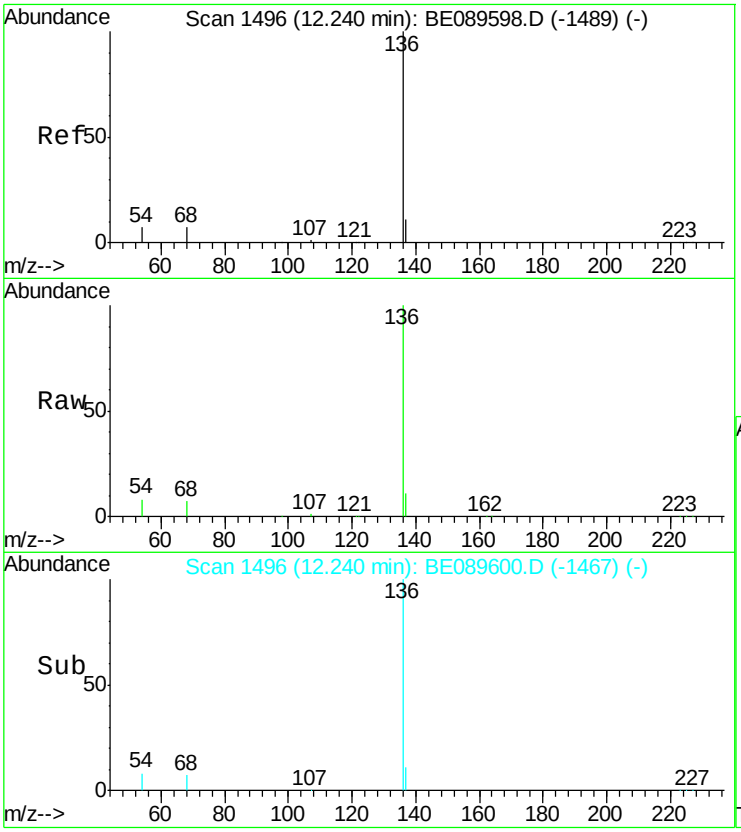


#6
bis(2-Chloroethyl)ether
Concen: 4.88 ng
RT: 8.83 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion: 93 Resp: 91655

Ion	Ratio	Lower	Upper
93	100		
63	94.7	74.6	112.0
95	0.0	0.0	0.0



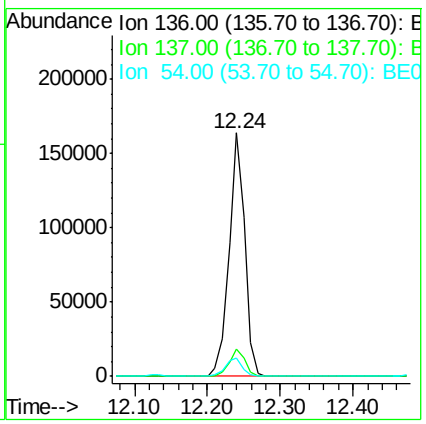


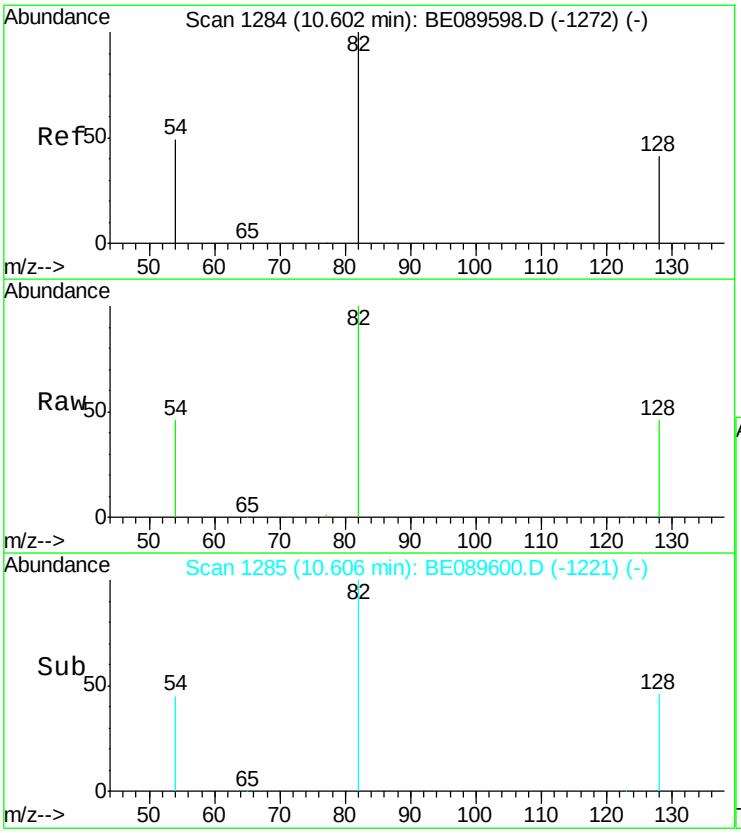
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:136 Resp: 244363

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.7	8.5

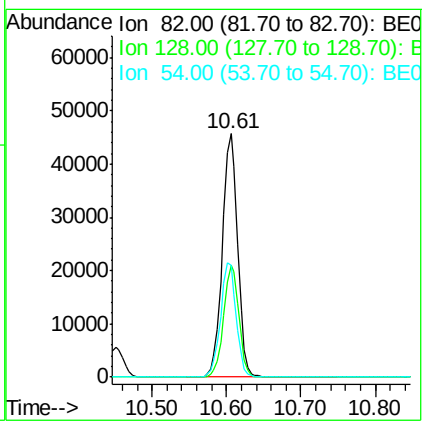


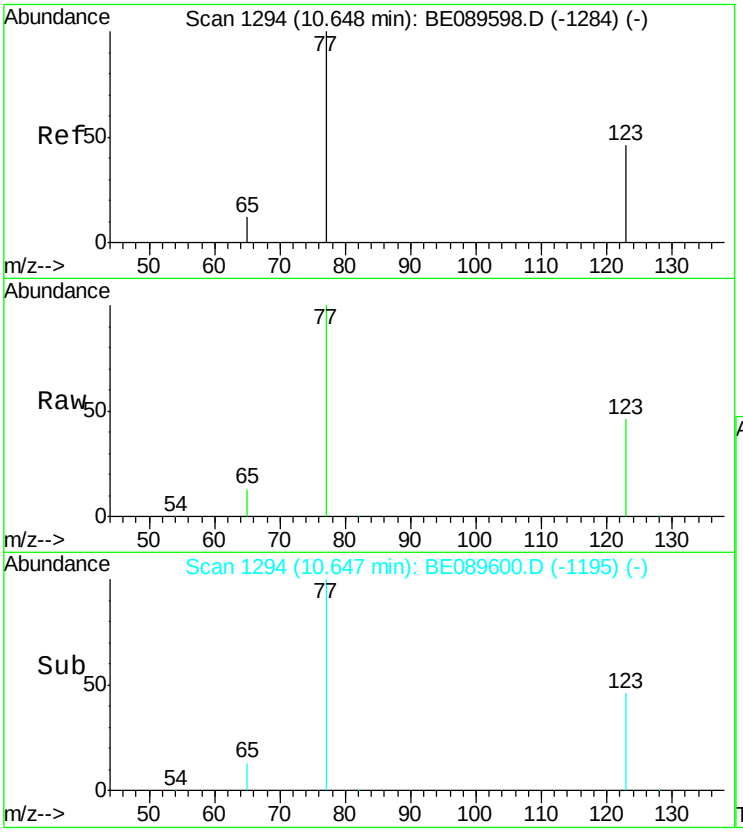


#8
Nitrobenzene-d5
Concen: 6.42 ng
RT: 10.61 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion: 82 Resp: 64651

Ion	Ratio	Lower	Upper
82	100		
128	45.9	33.2	49.8
54	46.0	39.6	59.4



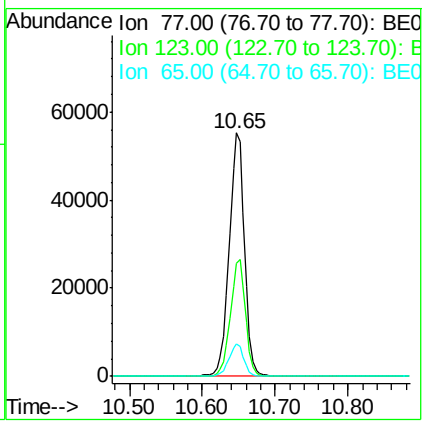


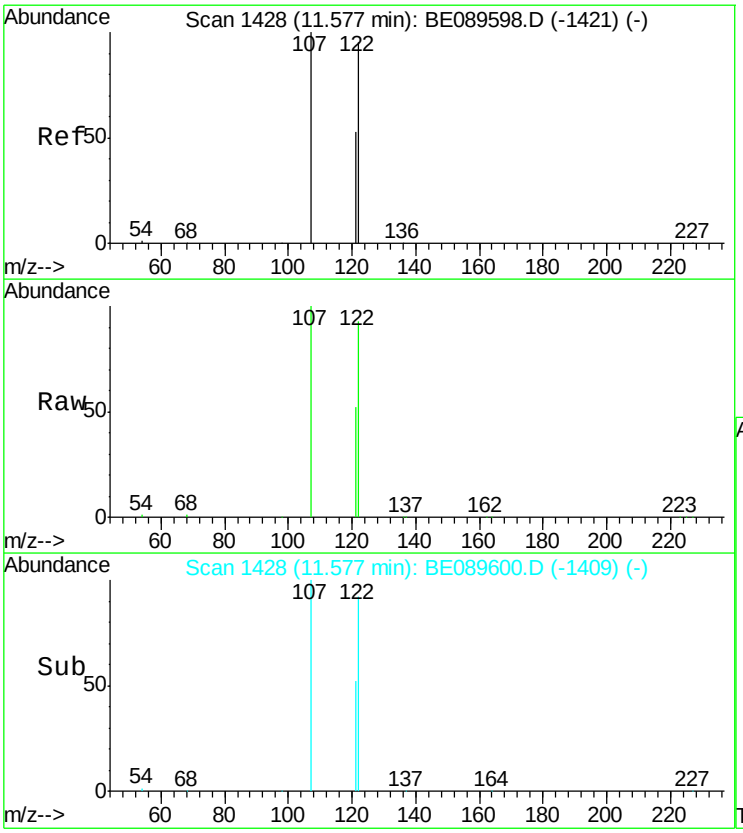
#9
Nitrobenzene
Concen: 6.73 ng
RT: 10.65 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion: 77 Resp: 80486

Ion	Ratio	Lower	Upper
77	100		
123	47.6	36.5	54.7
65	13.1	10.2	15.4

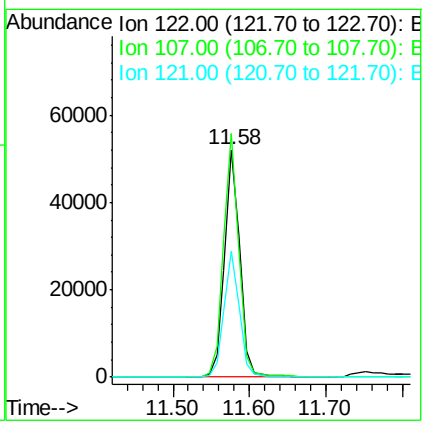


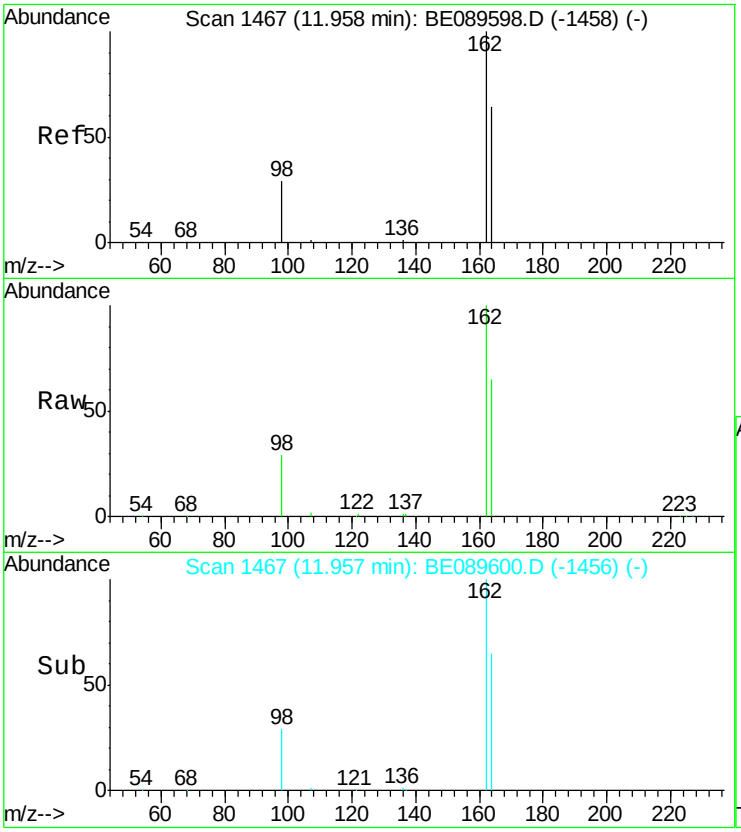


#10
2,4-Dimethylphenol
Concen: 5.24 ng
RT: 11.58 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:122 Resp: 72275

Ion	Ratio	Lower	Upper
122	100		
107	107.1	83.9	125.9
121	55.6	44.9	67.3



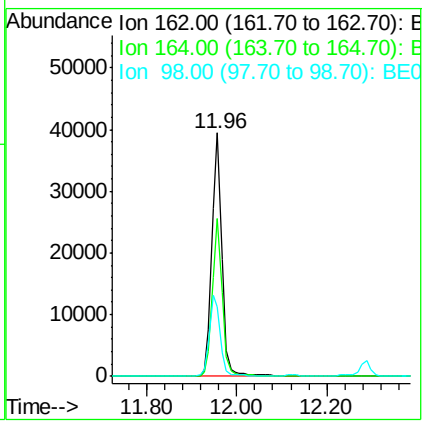


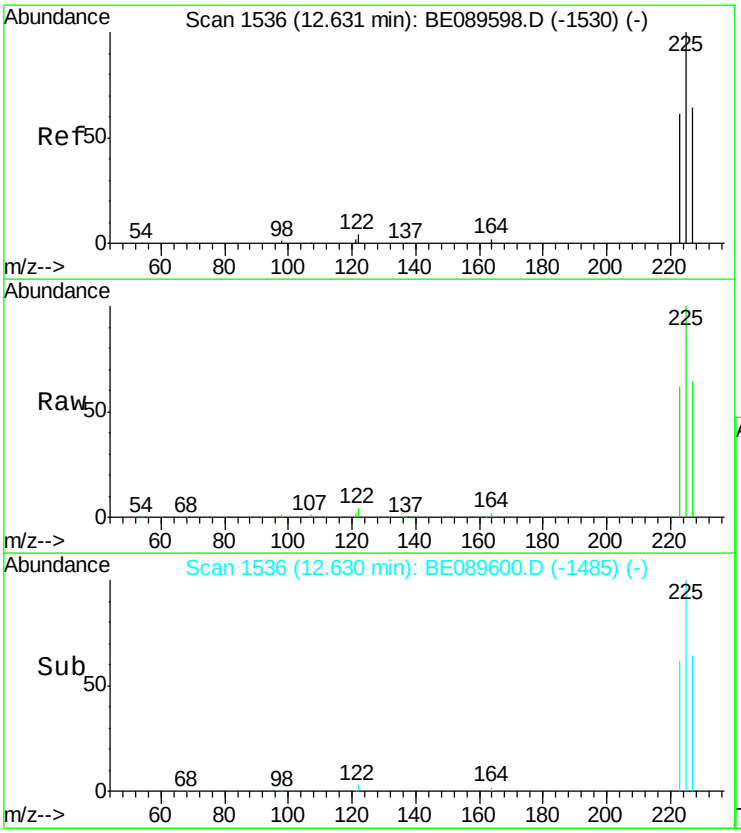
#11
2,4-Dichlorophenol
Concen: 5.58 ng
RT: 11.96 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:162 Resp: 60437

Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.7	84.7
98	28.8	10.3	50.3

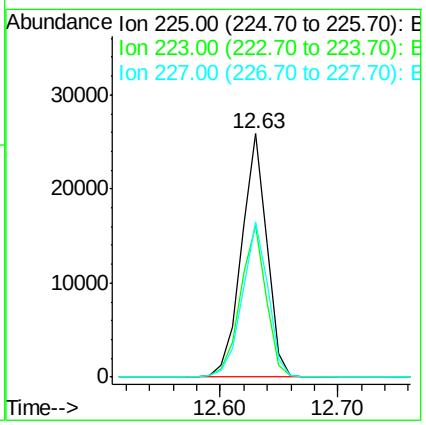


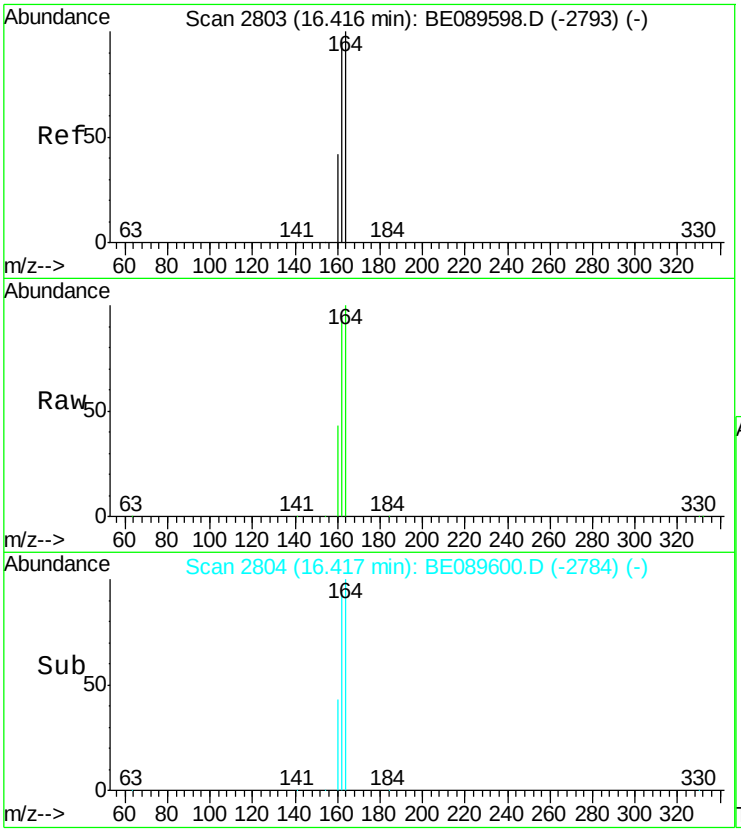


#12
Hexachlorobutadiene
Concen: 5.12 ng
RT: 12.63 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:225 Resp: 38384

Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.9	50.6	75.8



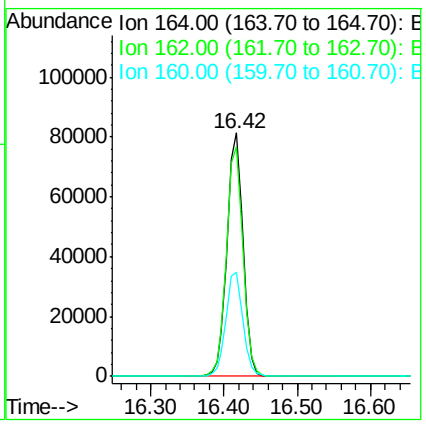


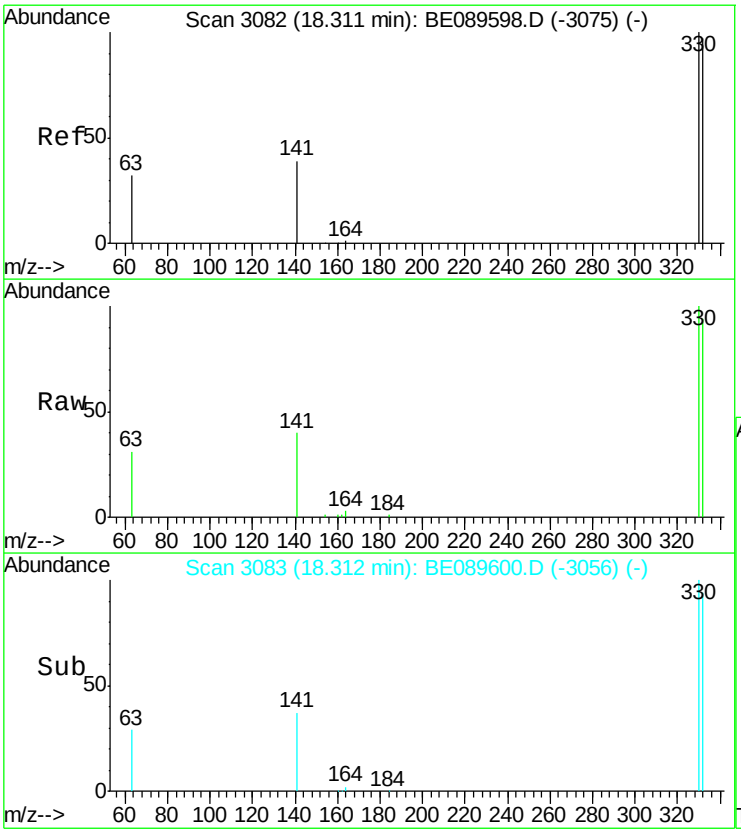
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:164 Resp: 121664

Ion	Ratio	Lower	Upper
164	100		
162	94.4	76.3	114.5
160	42.6	33.9	50.9

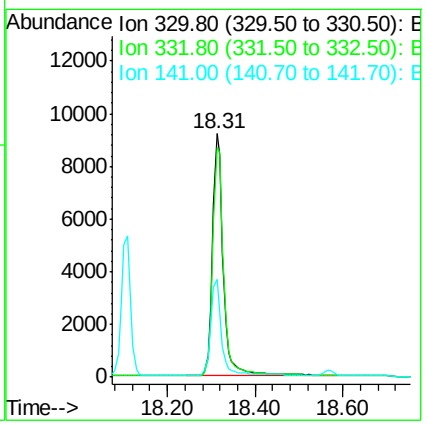


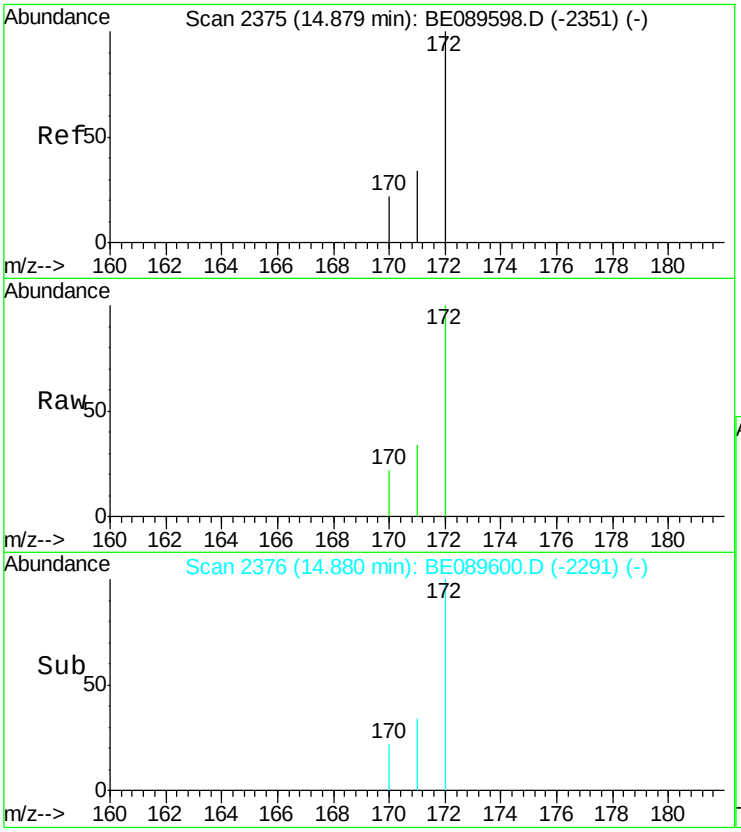


#14
2,4,6-Tribromophenol
Concen: 6.33 ng
RT: 18.31 min Scan# 3083
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:330 Resp: 15946

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.7	115.1
141	39.4	30.1	45.1



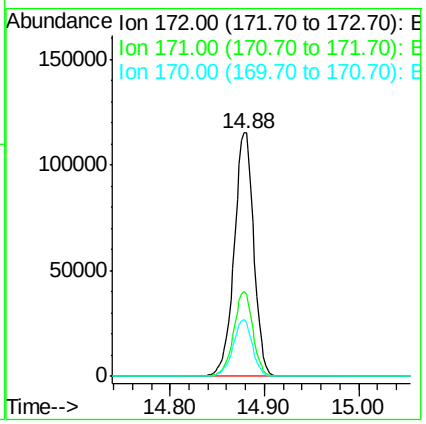


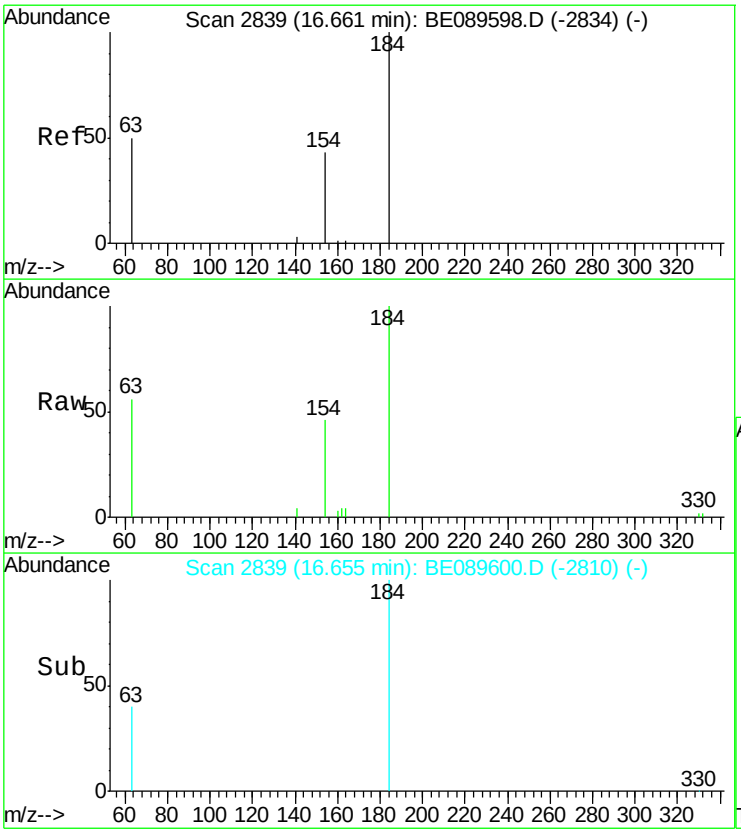
#15
2-Fluorobiphenyl
Concen: 5.05 ng
RT: 14.88 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:172 Resp: 165243

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.1	17.9	26.9

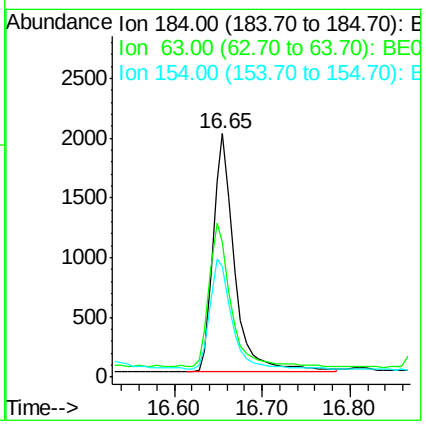


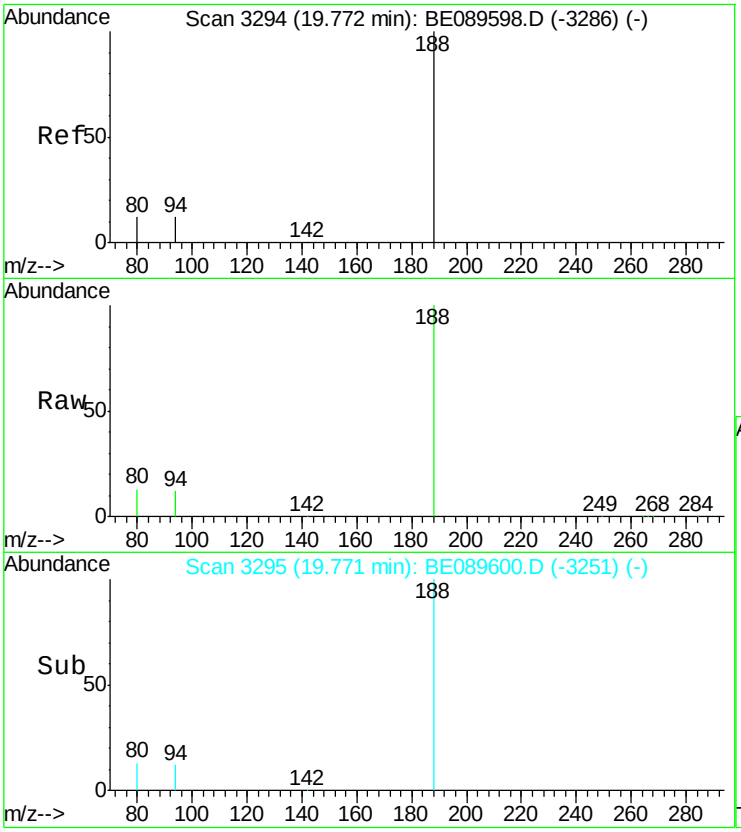


#16
2,4-Dinitrophenol
Concen: 7.85 ng
RT: 16.65 min Scan# 2839
Delta R.T. -0.01 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:184 Resp: 3372

Ion	Ratio	Lower	Upper
184	100		
63	55.6	61.0	91.4#
154	45.6	53.4	80.0#



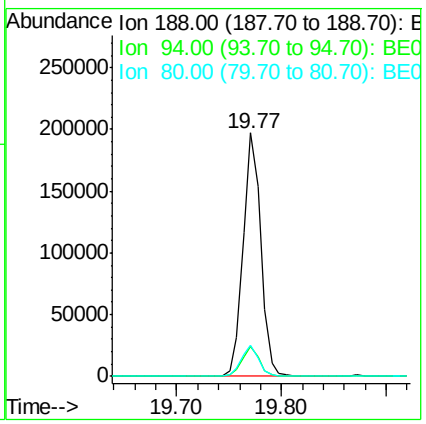


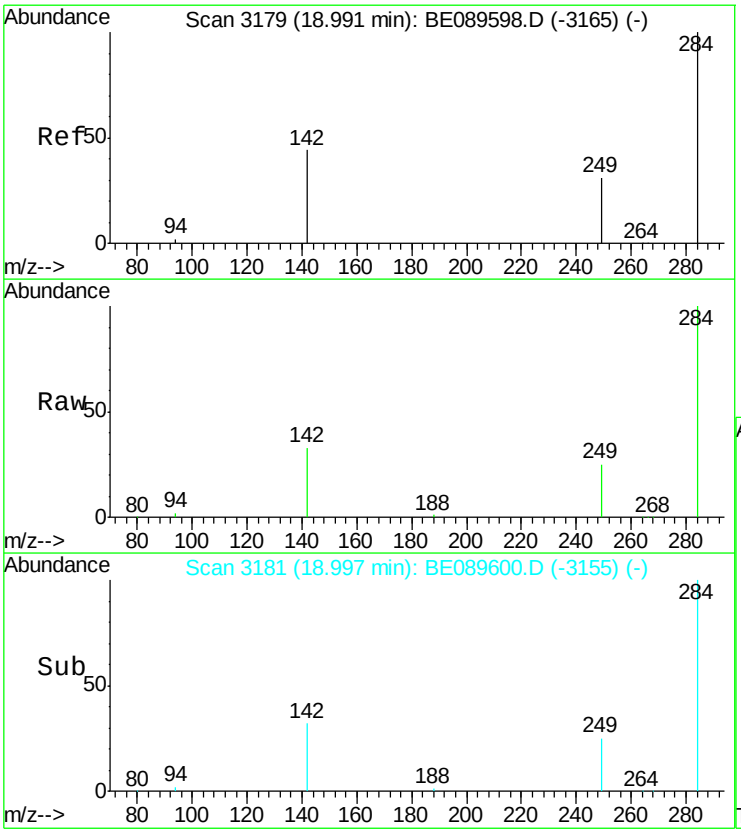
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:188 Resp: 233841

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.4	14.2
80	12.5	9.8	14.8

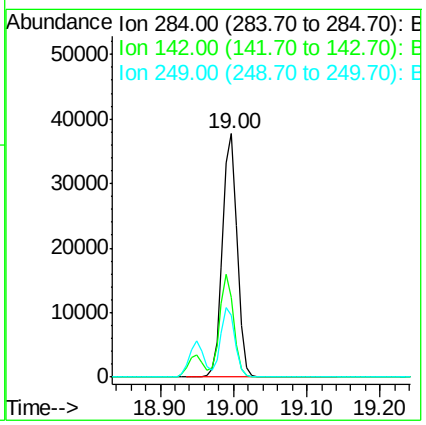


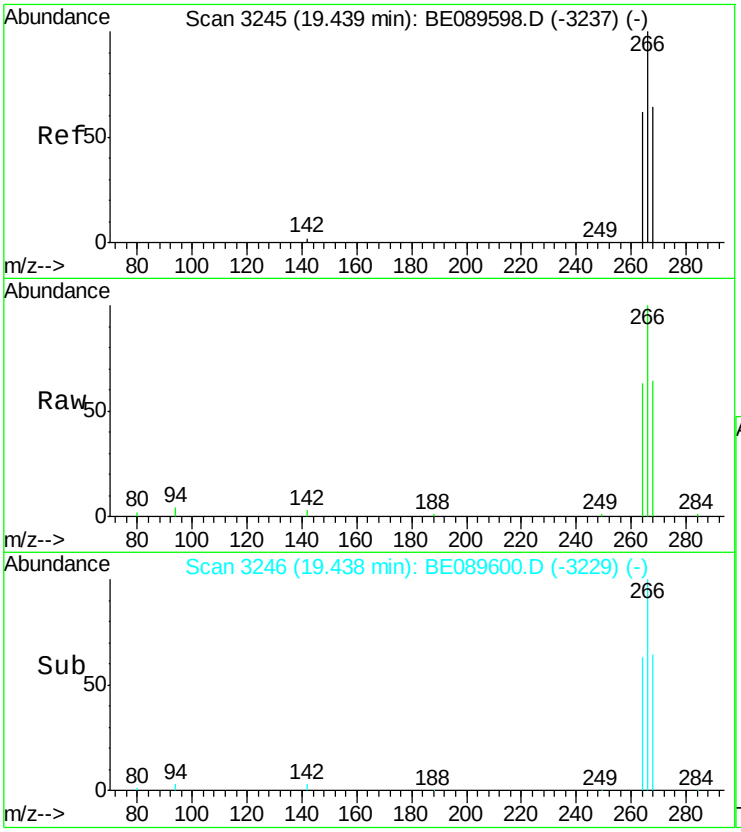


#18
Hexachlorobenzene
Concen: 5.27 ng
RT: 19.00 min Scan# 3181
Delta R.T. 0.01 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:284 Resp: 52026

Ion	Ratio	Lower	Upper
284	100		
142	32.6	35.6	53.4#
249	25.2	25.2	37.8#



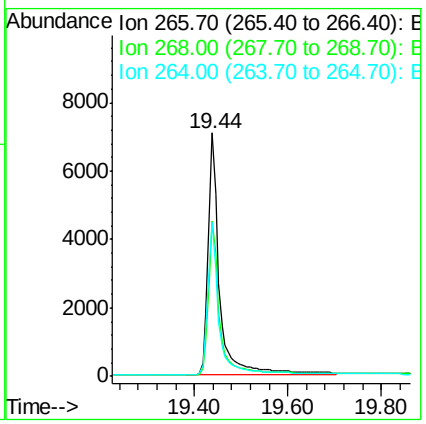


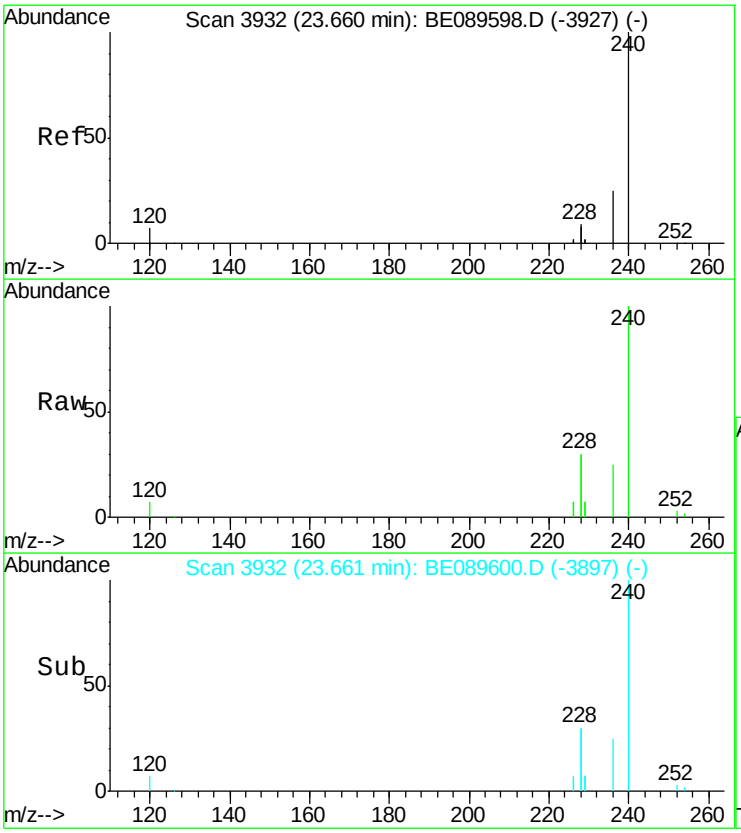
#19
Pentachlorophenol
Concen: 7.31 ng
RT: 19.44 min Scan# 3246
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:266 Resp: 12224

Ion	Ratio	Lower	Upper
266	100		
268	63.9	53.0	79.4
264	63.4	51.9	77.9

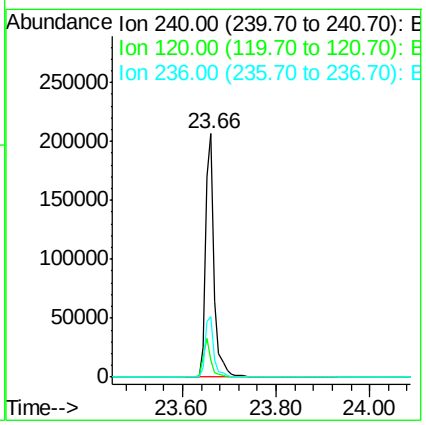


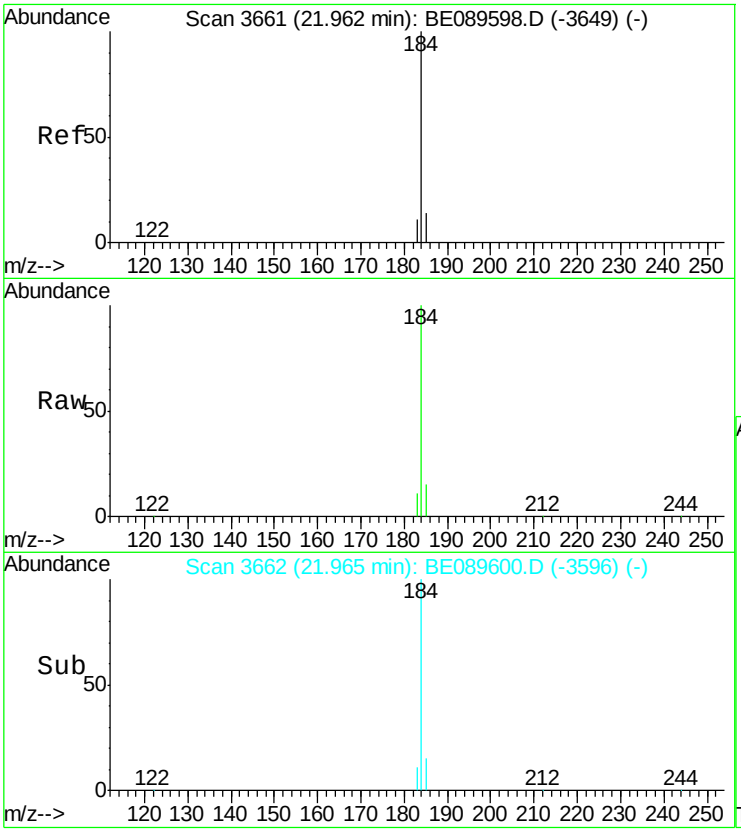


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:240 Resp: 267735

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.4	8.0
236	24.8	19.8	29.6



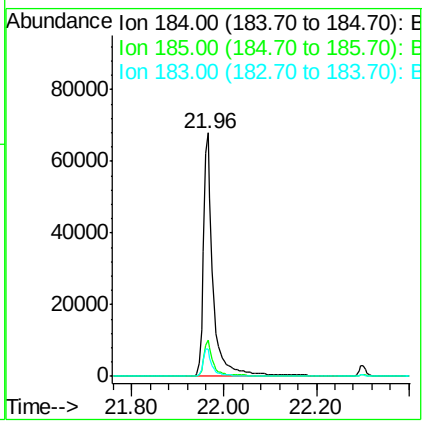


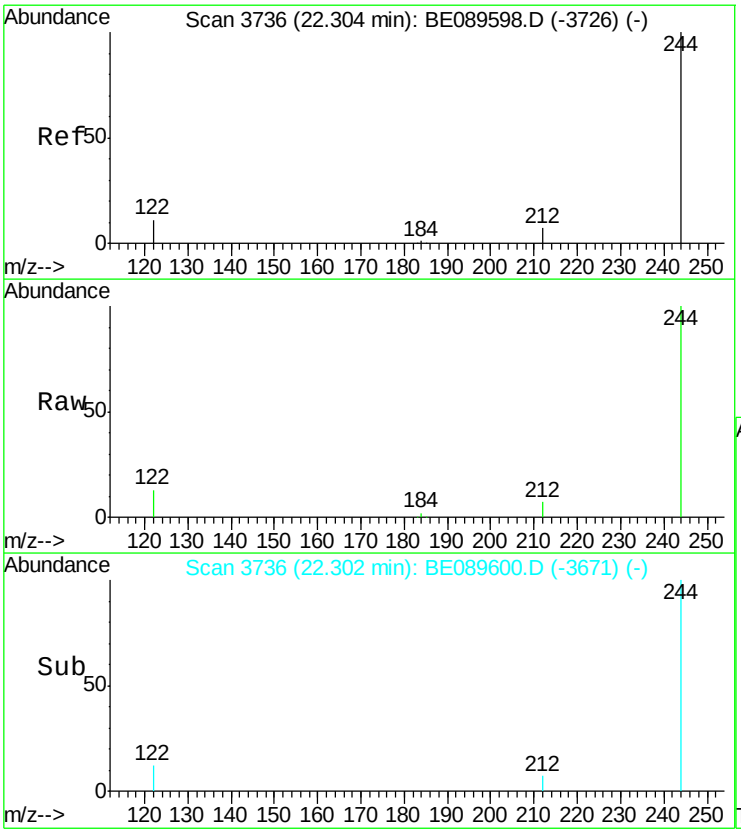
#21
Benzidine
Concen: 4.79 ng
RT: 21.96 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:184 Resp: 96317

Ion	Ratio	Lower	Upper
184	100		
185	15.0	11.8	17.8
183	11.0	9.3	13.9

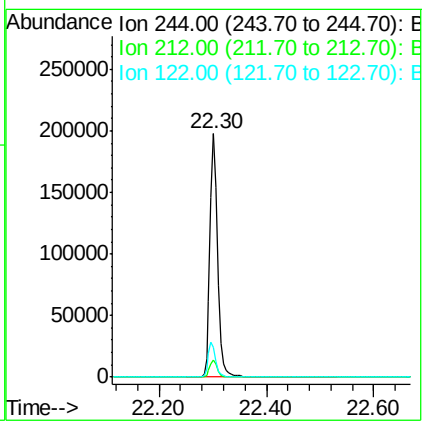


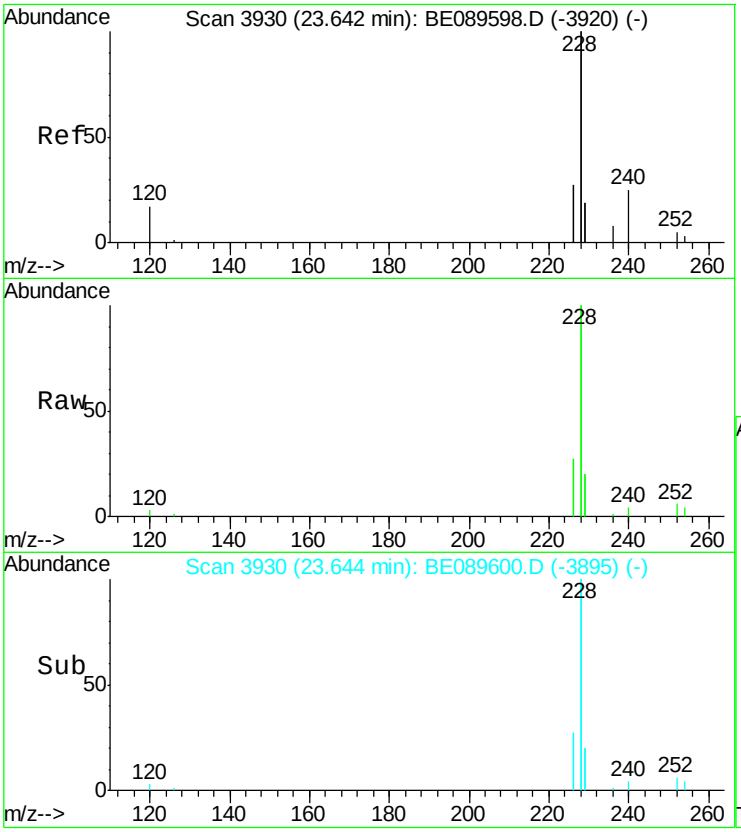


#22
Terphenyl-d14
Concen: 5.37 ng
RT: 22.30 min Scan# 3736
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:244 Resp: 194739

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.5	8.6	13.0



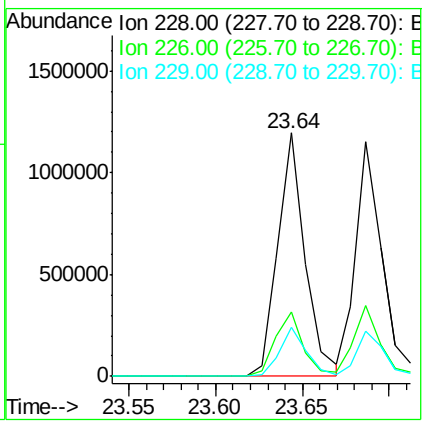


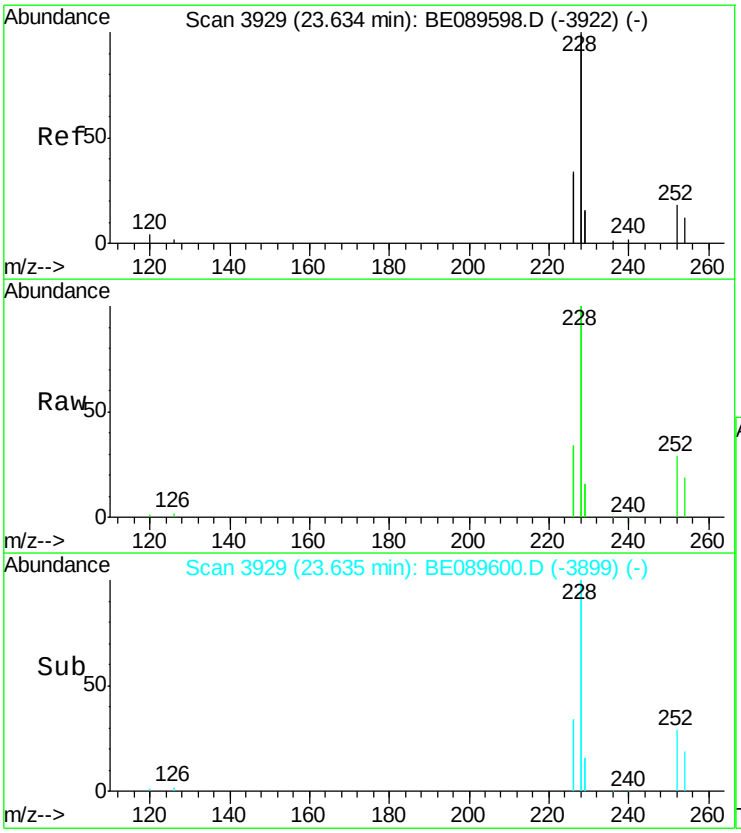
#23
Benzo(a)anthracene
Concen: 5.25 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1320431

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.5	32.3
229	20.1	15.0	22.6

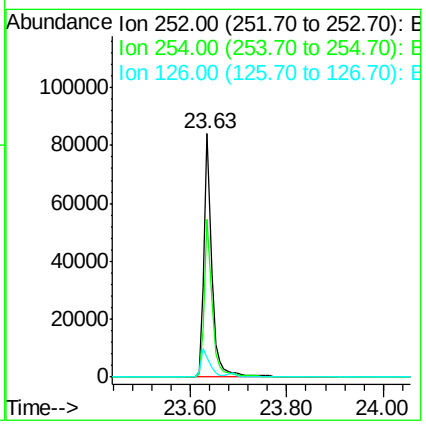


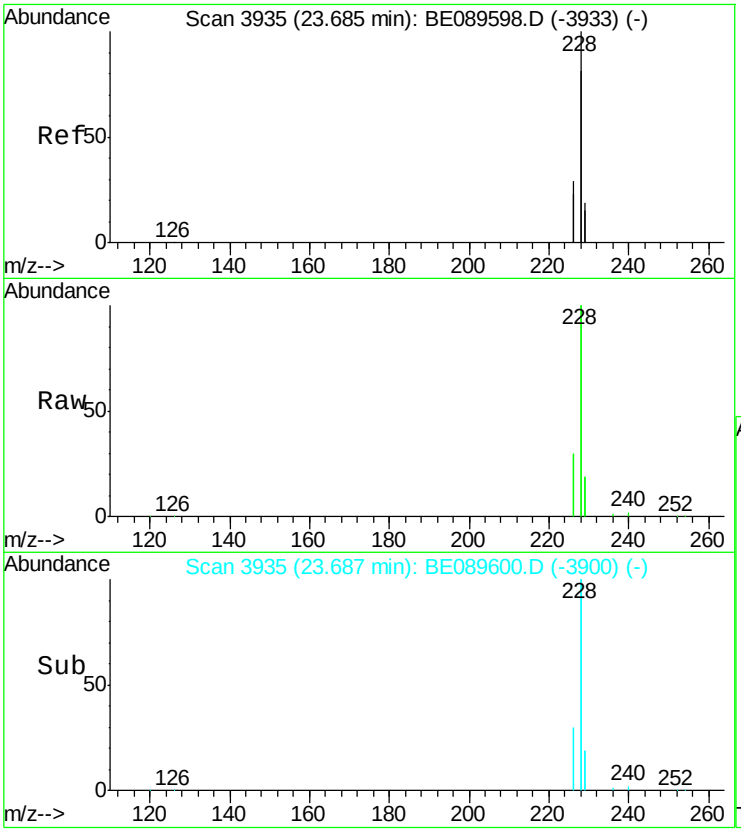


#24
3,3'-Dichlorobenzidine
Concen: 5.88 ng
RT: 23.63 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:252 Resp: 94956

Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	8.1	9.9	14.9#



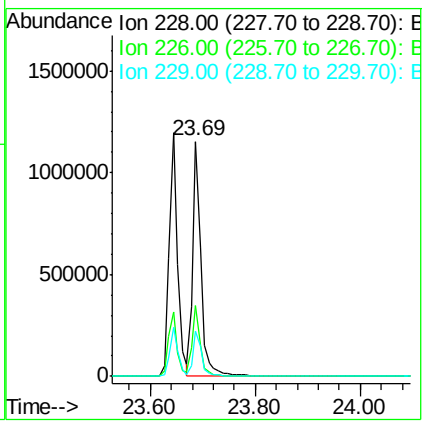


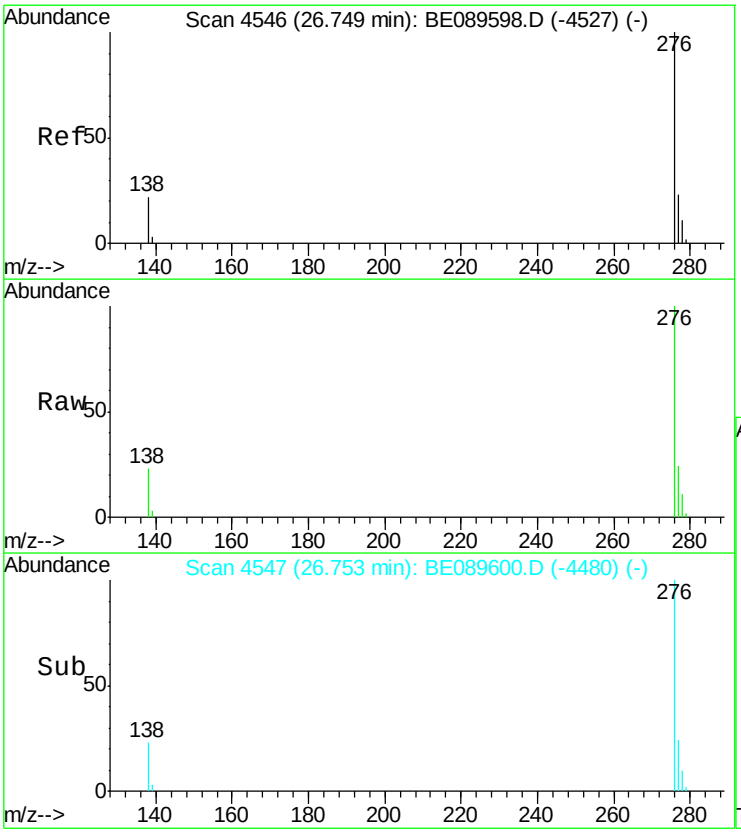
#25
Chrysene
Concen: 4.99 ng
RT: 23.69 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:228 Resp: 1289936

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	19.2	15.3	22.9

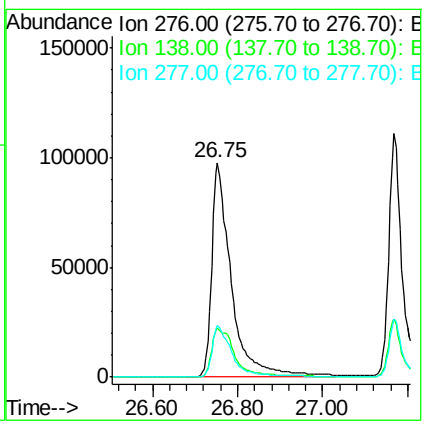


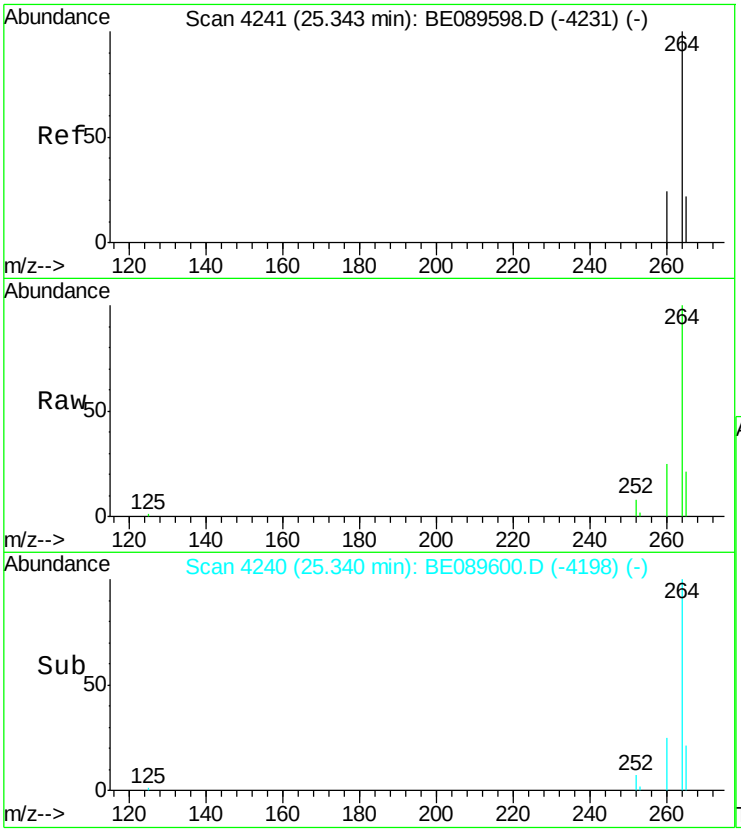


#26
Indeno(1,2,3-cd)pyrene
Concen: 5.45 ng
RT: 26.75 min Scan# 4547
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:276 Resp: 308282

Ion	Ratio	Lower	Upper
276	100		
138	27.5	0.0	0.0#
277	25.1	19.9	29.9



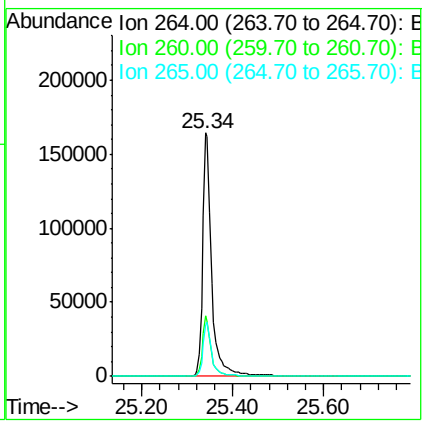


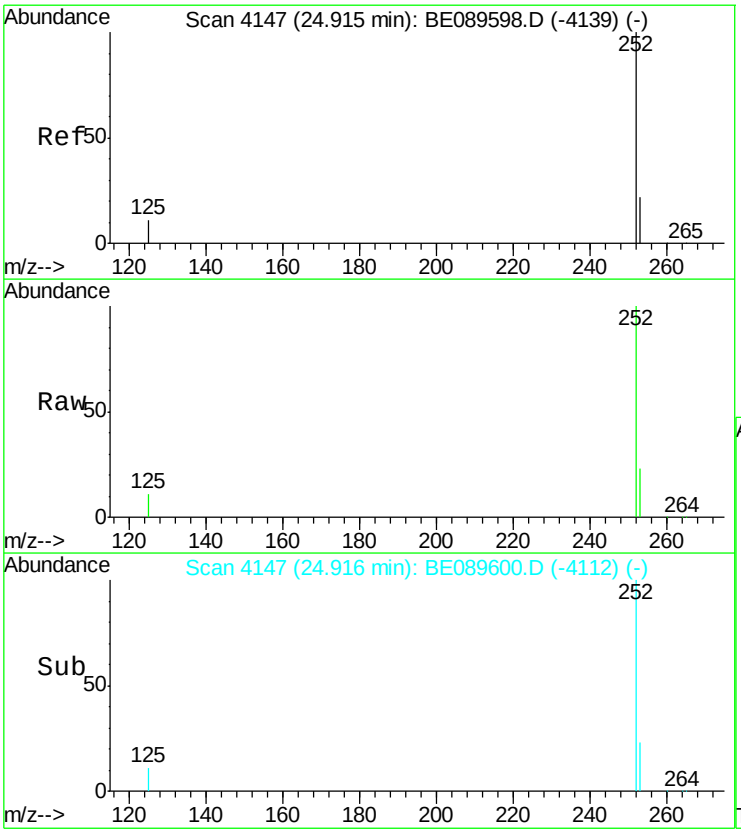
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4240
Delta R.T. -0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:264 Resp: 228507

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.0	28.4
265	21.2	17.8	26.8

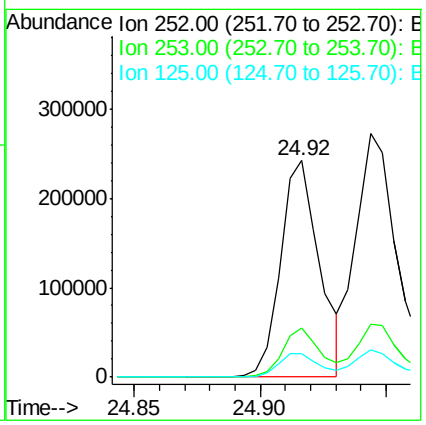


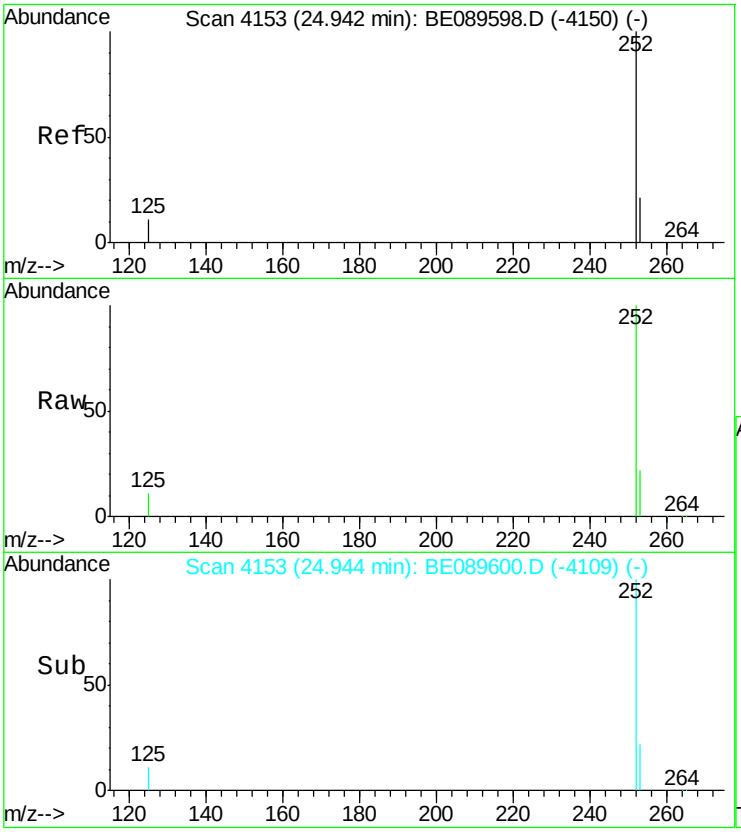


#28
Benzo(b)fluoranthene
Concen: 6.04 ng
RT: 24.92 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:252 Resp: 258828

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	10.8	8.9	13.3



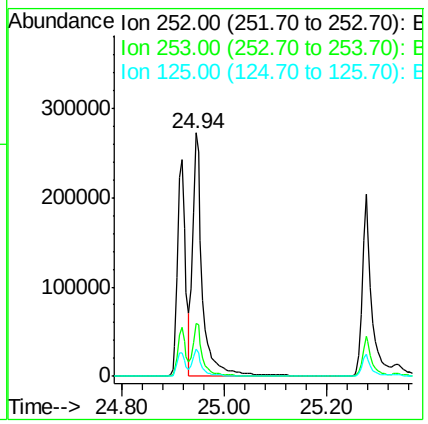


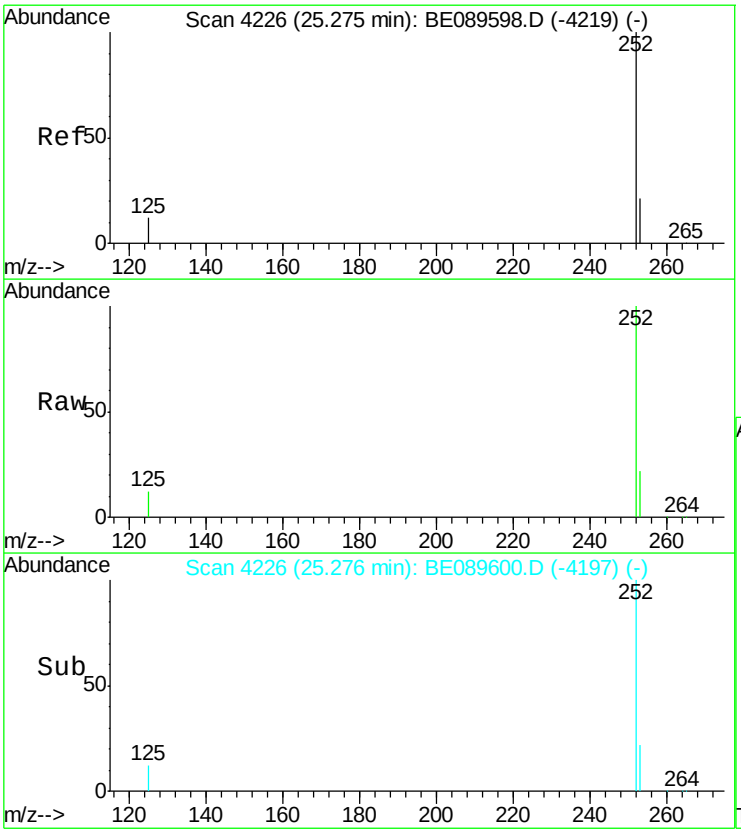
#29
Benzo(k)fluoranthene
Concen: 5.89 ng
RT: 24.94 min Scan# 4153
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:252 Resp: 361558

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	11.4	8.9	13.3

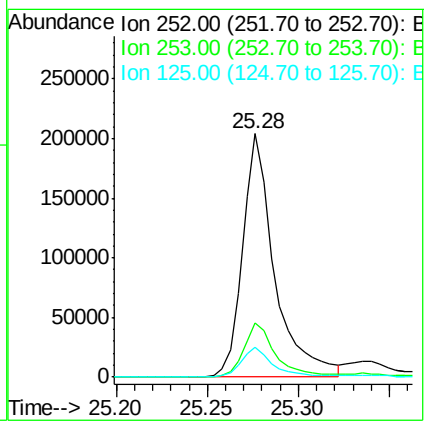


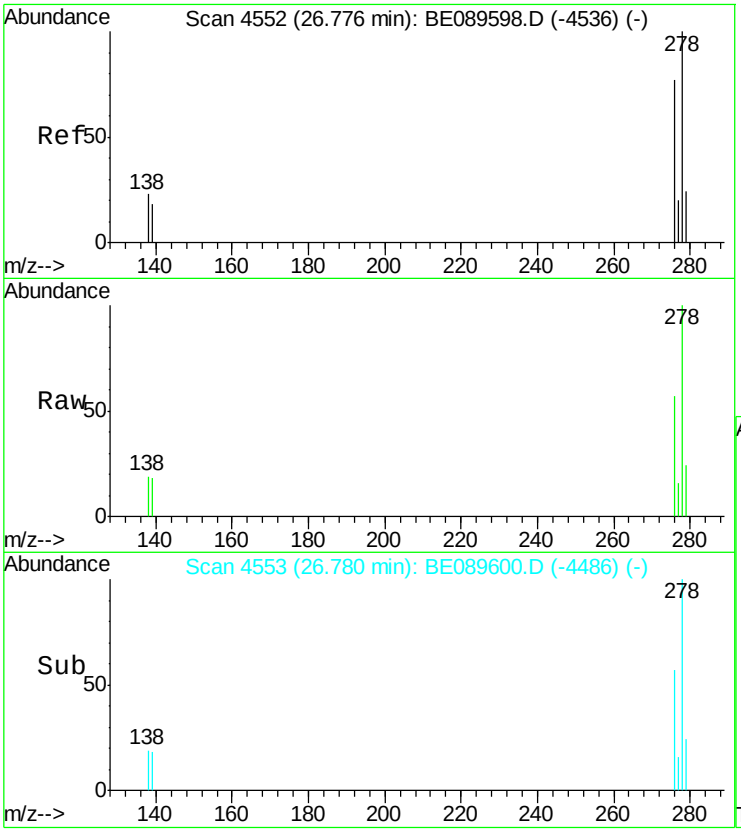


#30
Benzo(a)pyrene
Concen: 6.07 ng
RT: 25.28 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Tgt Ion:252 Resp: 248688

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	12.2	9.8	14.8





#31
Dibenzo(a,h)anthracene
Concen: 5.96 ng
RT: 26.78 min Scan# 4553
Delta R.T. 0.00 min
Lab File: BE089600.D
Acq: 17 Feb 2015 18:24

Instrument :
BNA_E
LabSampleId :
SSTDICC005

Tgt Ion:278 Resp: 243593

Ion	Ratio	Lower	Upper
278	100		
139	17.7	14.6	21.8
279	24.1	19.4	29.0