Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089457.D
Acq On : 2 Feb 2015 15:53
Operator : TP/IZ
Sample : SSTDICC002
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICC002

Quant Time: Feb 03 03:15:07 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 03:06:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	36779	5.00	ng		0.00
7) Naphthalene-d8	12.49	136	134405	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	50572	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	94465	5.00	ng		0.00
20) Chrysene-d12	23.84	240	133144	5.00	ng		0.00
27) Perylene-d12	25.56	264	151698	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.76	112	25289	1.98	ng		0.00
4) Phenol-d6	8.87	99	29990	1.94	ng		0.00
8) Nitrobenzene-d5	10.85	82	20400	1.88	ng		0.00
14) 2,4,6-Tribromophenol	18.59	330	2769	1.63	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	28503	2.04	ng		0.00
22) Terphenyl-d14	22.48	244	33092	1.98	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.59	42	13665	2.06	ng	#	88
5) Phenol	8.90	94	32164	1.91	ng		98
6) bis(2-Chloroethyl)ether	9.06	93	22849	1.83	ng	#	97
9) Nitrobenzene	10.89	77	23624	1.90	ng		99
10) 2,4-Dimethylphenol	11.83	122	16848	1.90	ng		99
11) 2,4-Dichlorophenol	12.21	162	12672	1.94	ng		98
12) Hexachlorobutadiene	12.87	225	8478	1.92	ng		98
16) 2,4-Dinitrophenol	16.91	184	732	1.14	ng	#	81
18) Hexachlorobenzene	19.23	284	9959	1.98	ng		100
19) Pentachlorophenol	19.67	266	1136	1.29	ng		96
21) Benzidine	22.15	184	25981	2.84	ng		99
23) Benzo(a)anthracene	23.83	228	235993	2.26	ng		100
24) 3,3'-Dichlorobenzidine	23.82	252	22712	2.93	ng		97
25) Chrysene	23.87	228	260879	1.93	ng		99
26) Indeno(1,2,3-cd)pyrene	27.07	276	88757	4.12	ng		99
28) Benzo(b)fluoranthene	25.10	252	56370	4.13	ng		98
29) Benzo(k)fluoranthene	25.13	252	81413	1.98	ng		99
30) Benzo(a)pyrene	25.49	252	58894	3.19	ng		99
31) Dibenzo(a,h)anthracene	27.10	278	74631	4.13	ng		97

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

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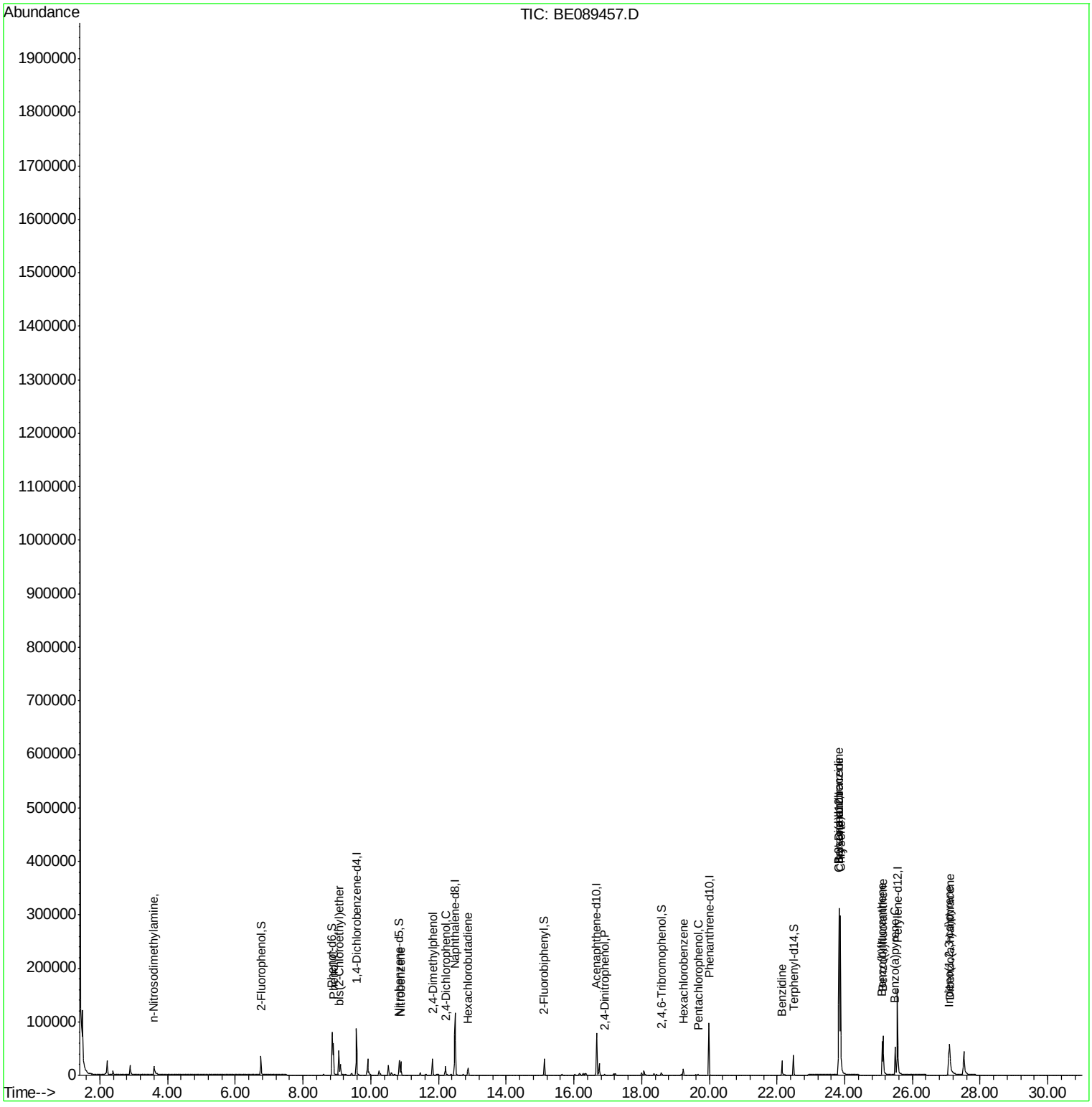
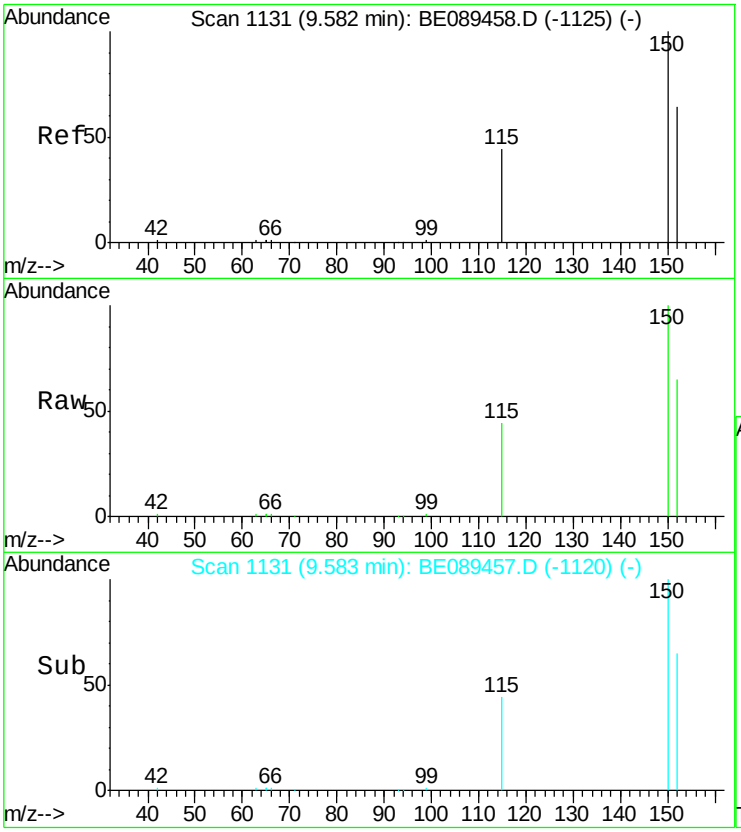


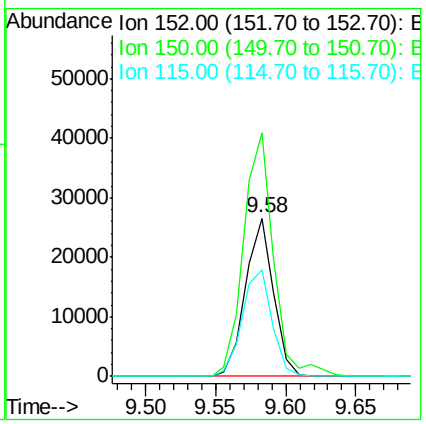


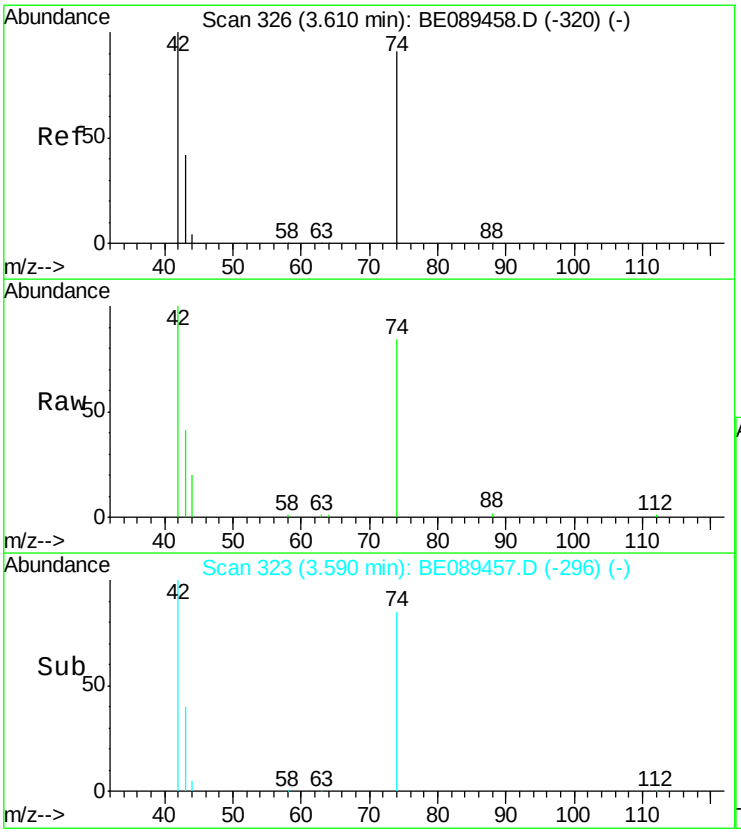
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:152 Resp: 36779

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	67.2	55.4	83.0

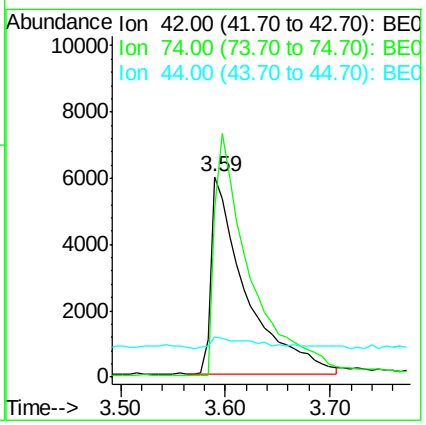


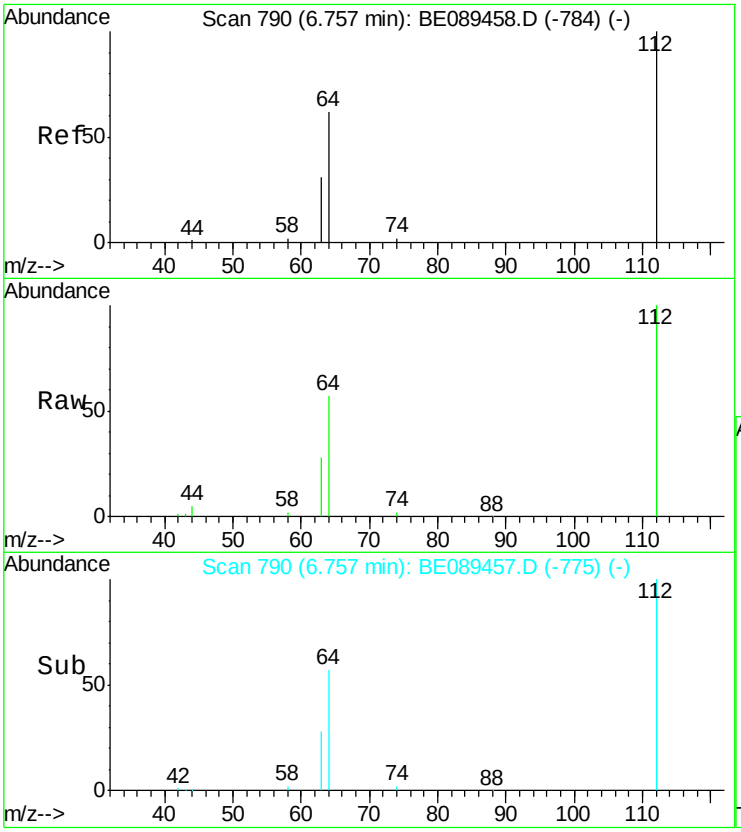


#2
n-Nitrosodimethylamine
Concen: 2.06 ng
RT: 3.59 min Scan# 323
Delta R.T. -0.02 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion: 42 Resp: 13665

Ion	Ratio	Lower	Upper
42	100		
74	84.3	72.1	108.1
44	20.2	28.0	42.0#



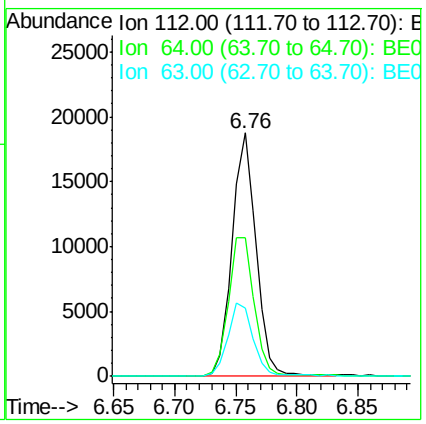


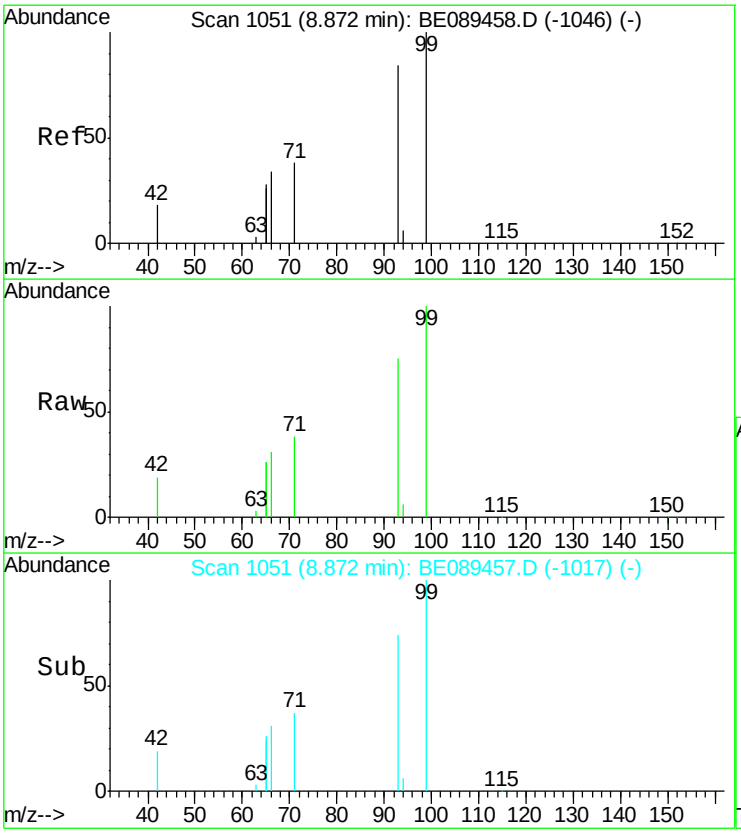
#3
2-Fluorophenol
Concen: 1.98 ng
RT: 6.76 min Scan# 790
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:112 Resp: 25289

Ion	Ratio	Lower	Upper
112	100		
64	57.0	49.8	74.8
63	28.3	24.9	37.3

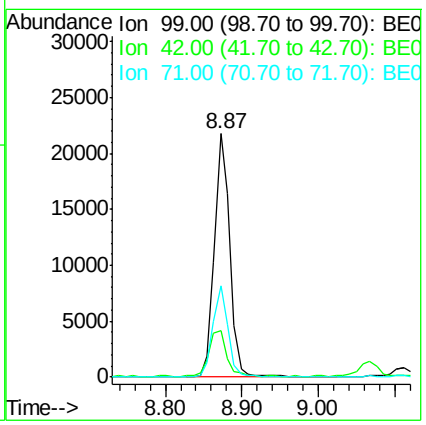


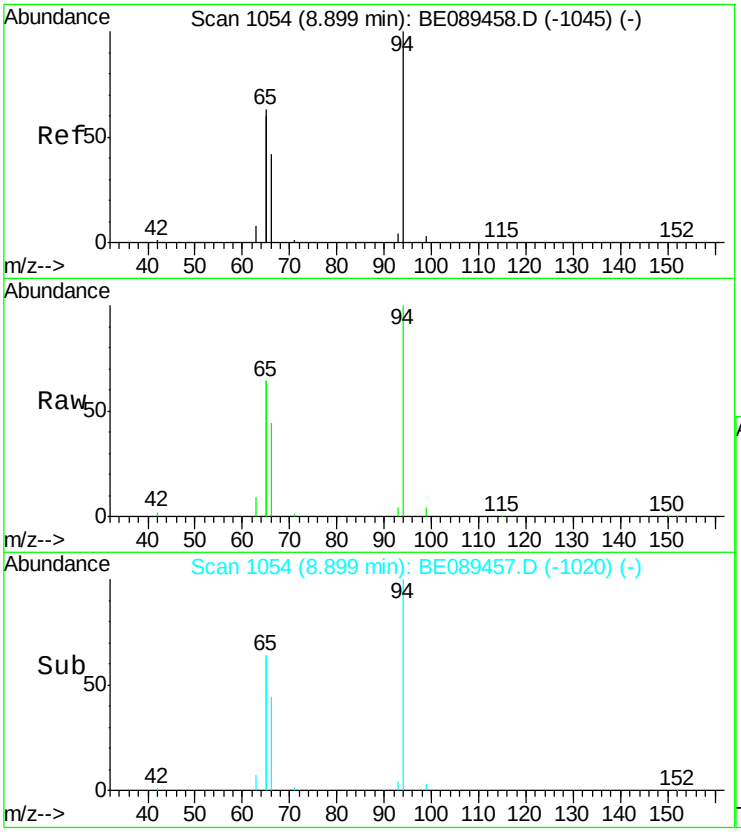


#4
Phenol-d6
Concen: 1.94 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion: 99 Resp: 29990

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.0	22.4
71	37.6	30.6	46.0



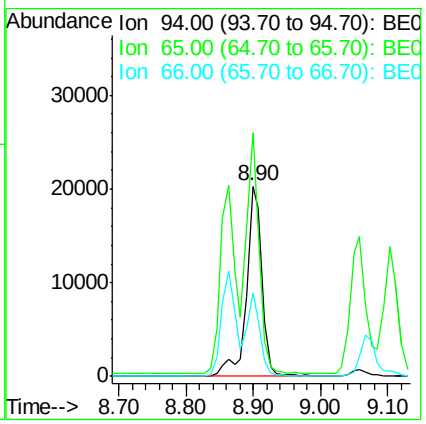


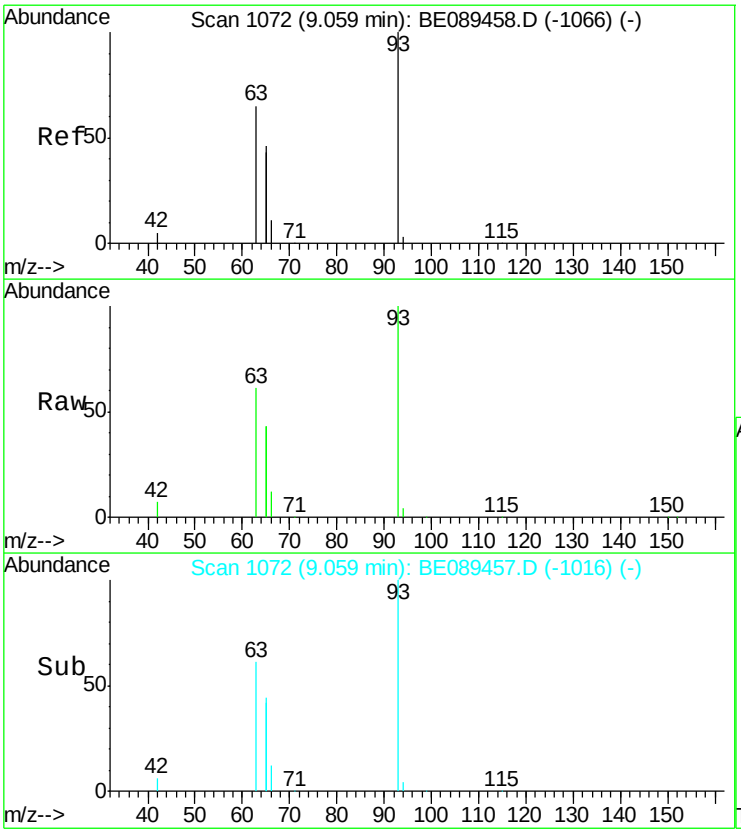
#5
Phenol
Concen: 1.91 ng
RT: 8.90 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 94 Resp: 32164

Ion	Ratio	Lower	Upper
94	100		
65	127.9	105.0	145.0
66	43.7	22.4	62.4

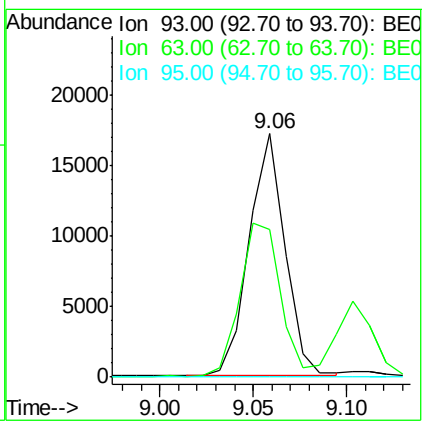


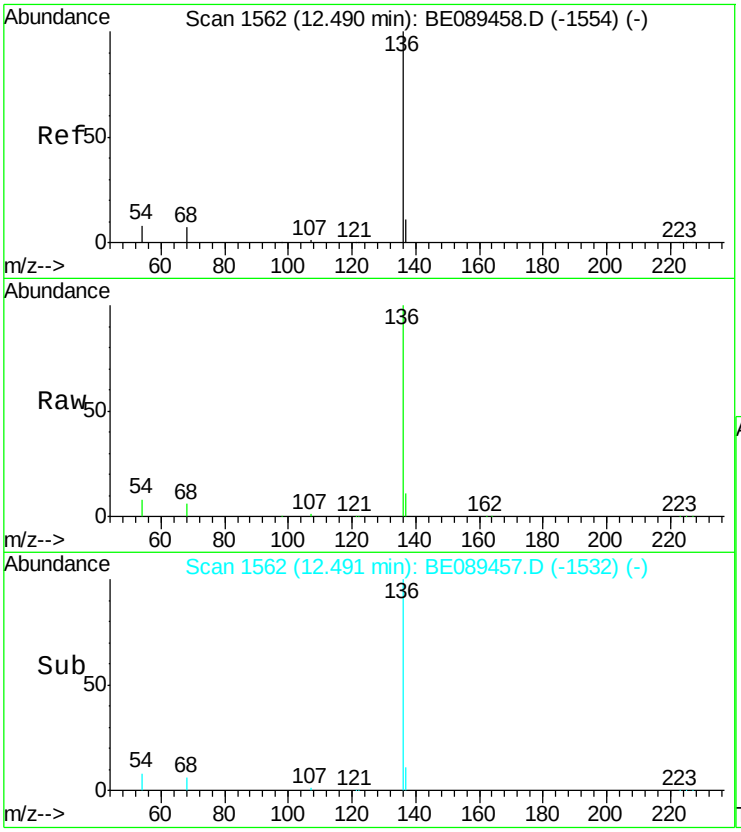


#6
bis(2-Chloroethyl)ether
Concen: 1.83 ng
RT: 9.06 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion: 93 Resp: 22849

Ion	Ratio	Lower	Upper
93	100		
63	71.1	59.2	88.8
95	0.0	0.0	0.0



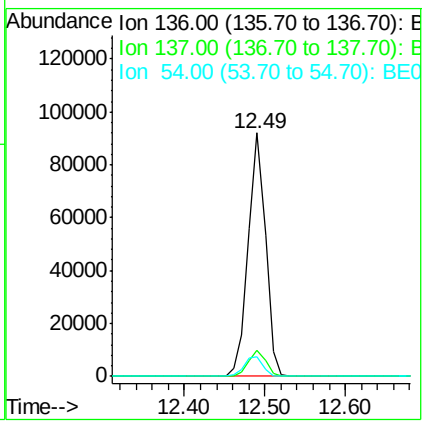


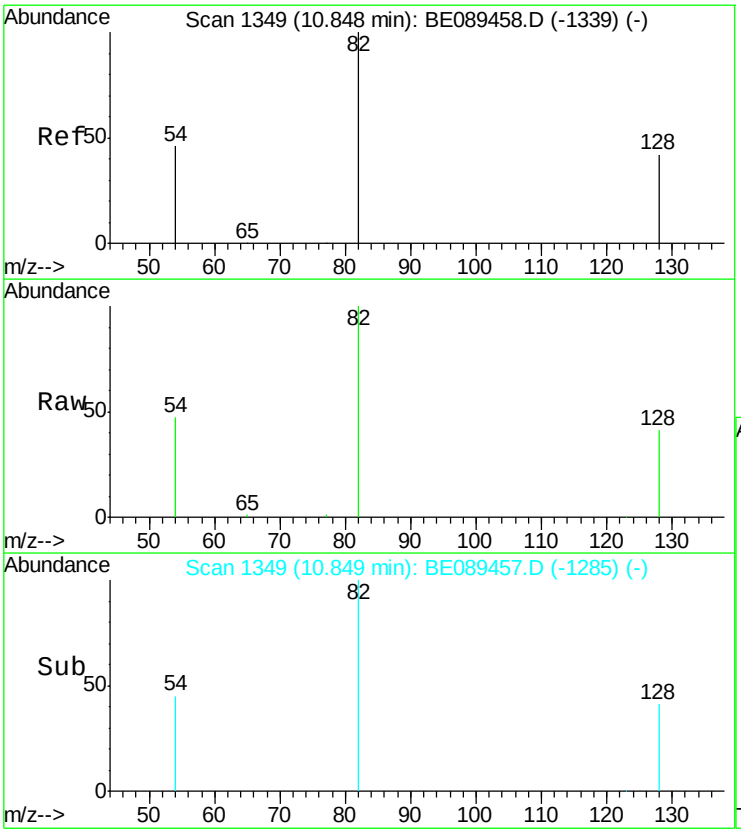
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.49 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:136 Resp: 134405

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.0	6.5	9.7

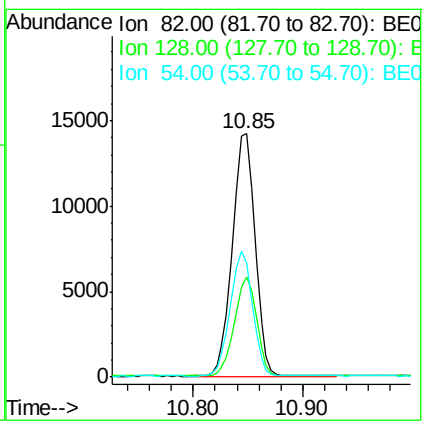


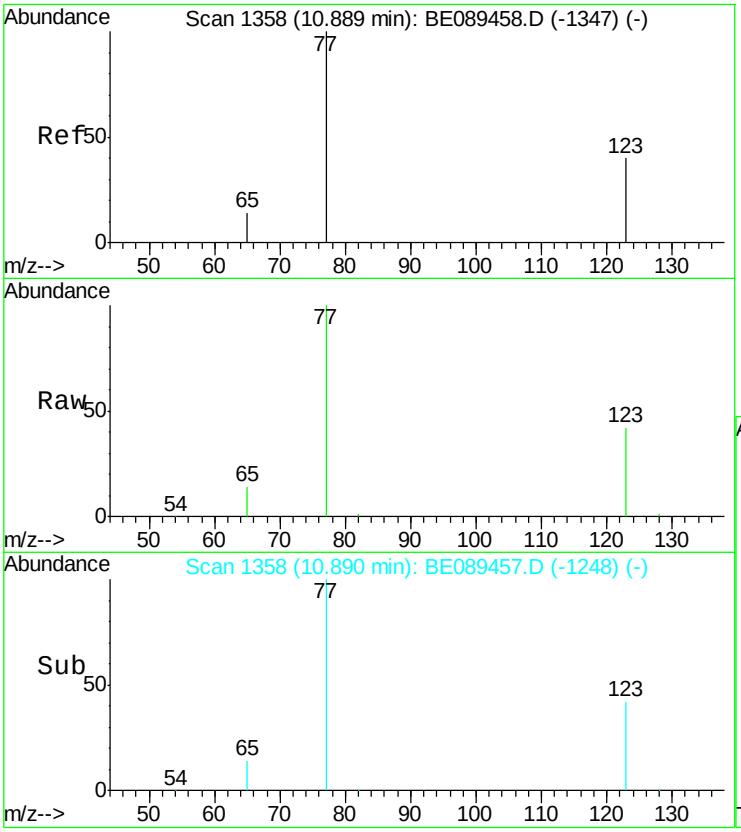


#8
Nitrobenzene-d5
Concen: 1.88 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion: 82 Resp: 20400

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.2	51.2
54	46.8	37.3	55.9



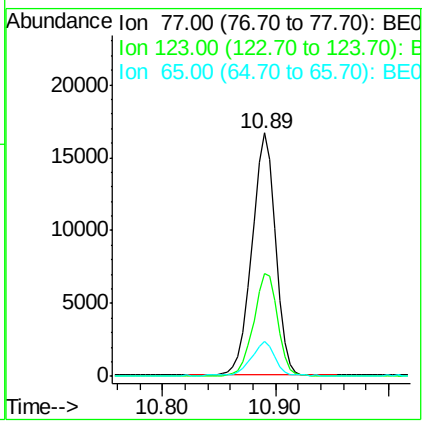


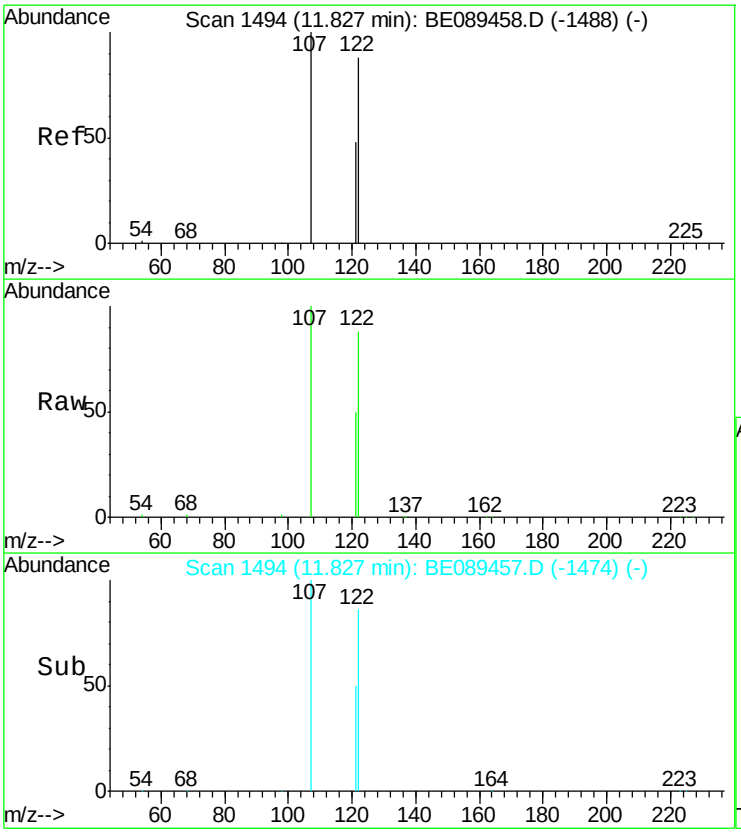
#9
Nitrobenzene
Concen: 1.90 ng
RT: 10.89 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion: 77 Resp: 23624

Ion	Ratio	Lower	Upper
77	100		
123	42.8	33.6	50.4
65	13.9	11.0	16.6

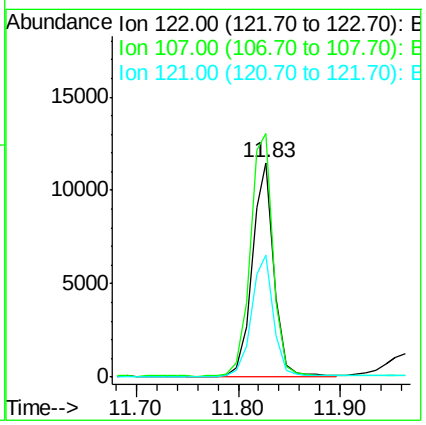


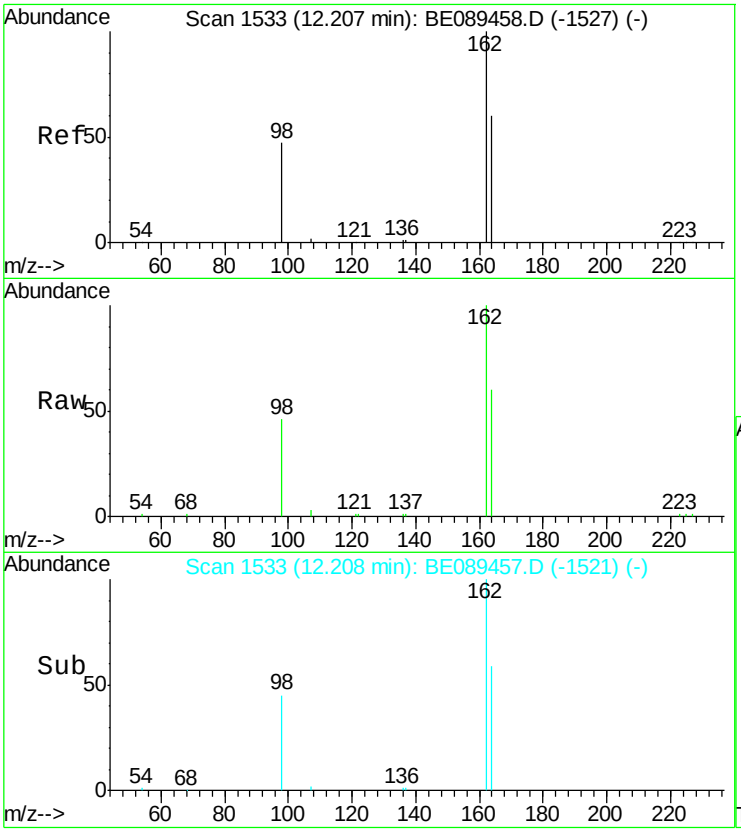


#10
2,4-Dimethylphenol
Concen: 1.90 ng
RT: 11.83 min Scan# 1494
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:122 Resp: 16848

Ion	Ratio	Lower	Upper
122	100		
107	113.4	90.6	136.0
121	56.6	43.7	65.5



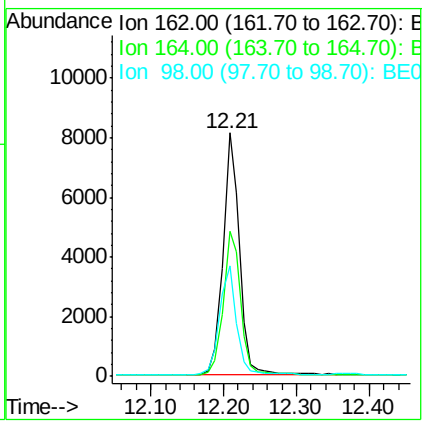


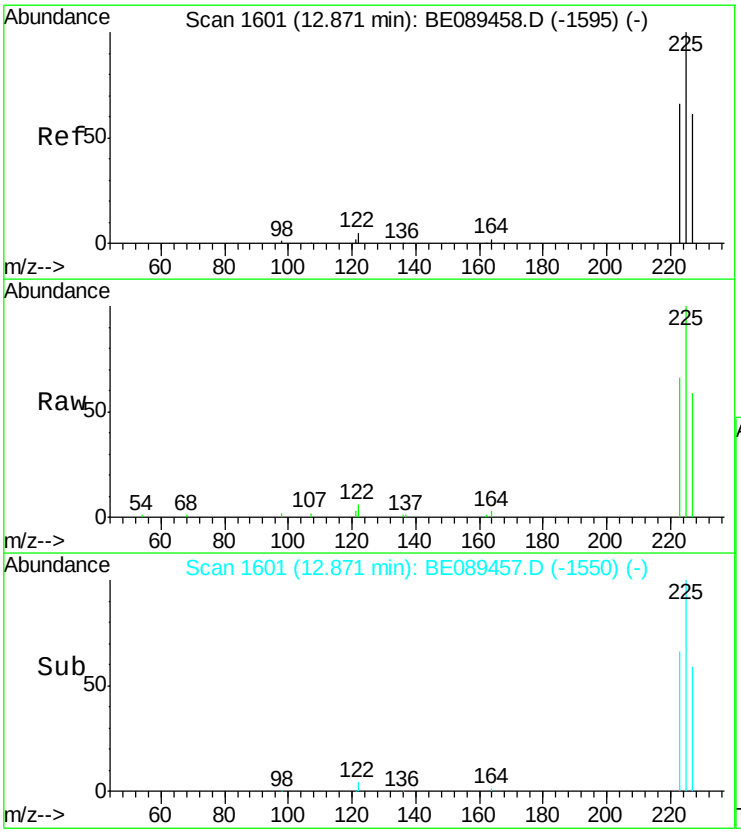
#11
2,4-Dichlorophenol
Concen: 1.94 ng
RT: 12.21 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:162 Resp: 12672

Ion	Ratio	Lower	Upper
162	100		
164	59.6	40.5	80.5
98	45.6	28.1	68.1

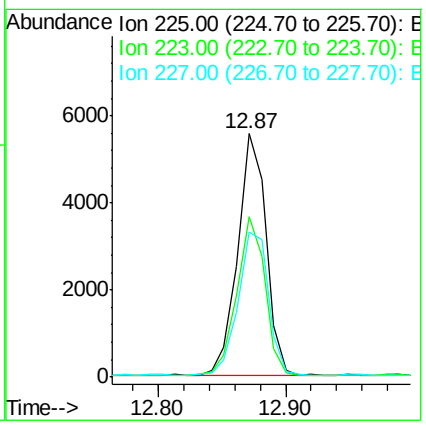


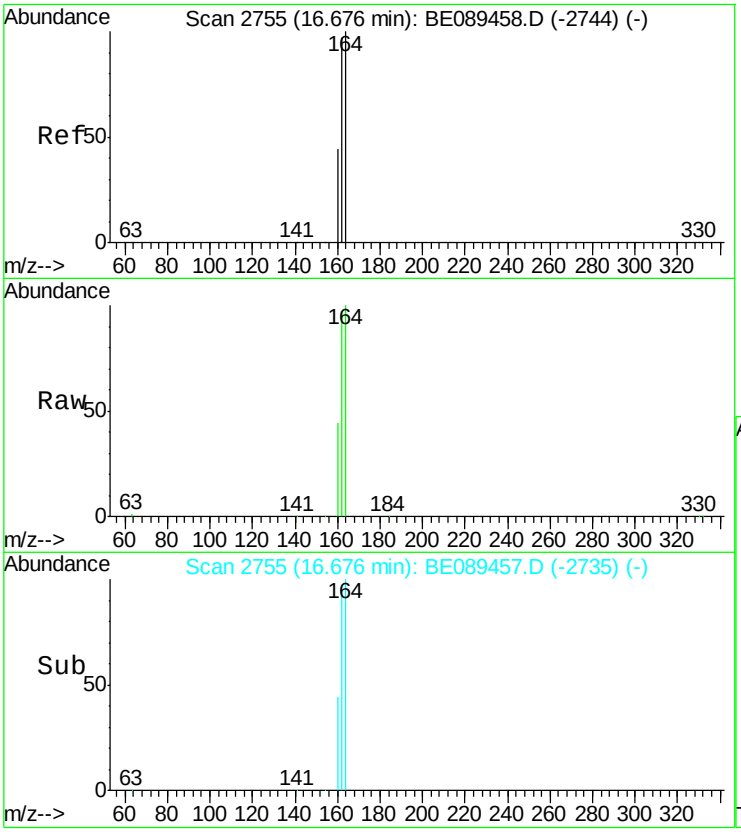


#12
Hexachlorobutadiene
Concen: 1.92 ng
RT: 12.87 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:225 Resp: 8478

Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.2	75.2
227	63.7	49.9	74.9



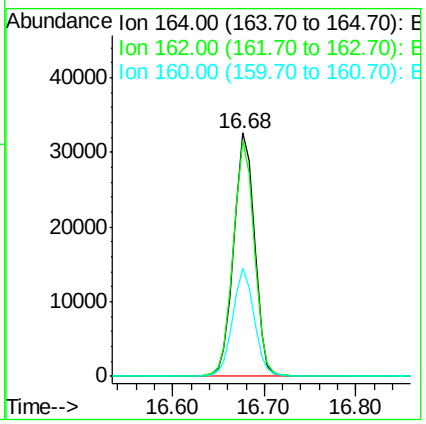


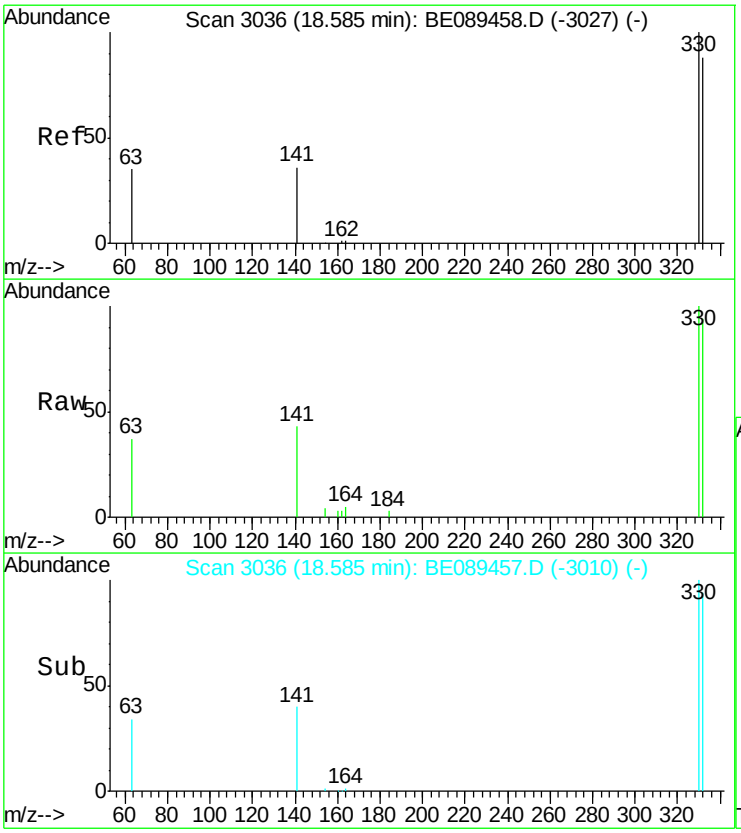
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:164 Resp: 50572

Ion	Ratio	Lower	Upper
164	100		
162	96.8	77.4	116.2
160	44.2	35.5	53.3

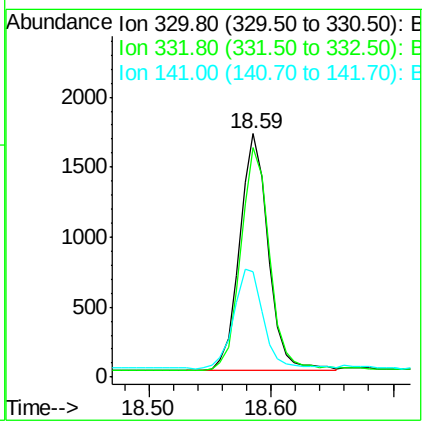


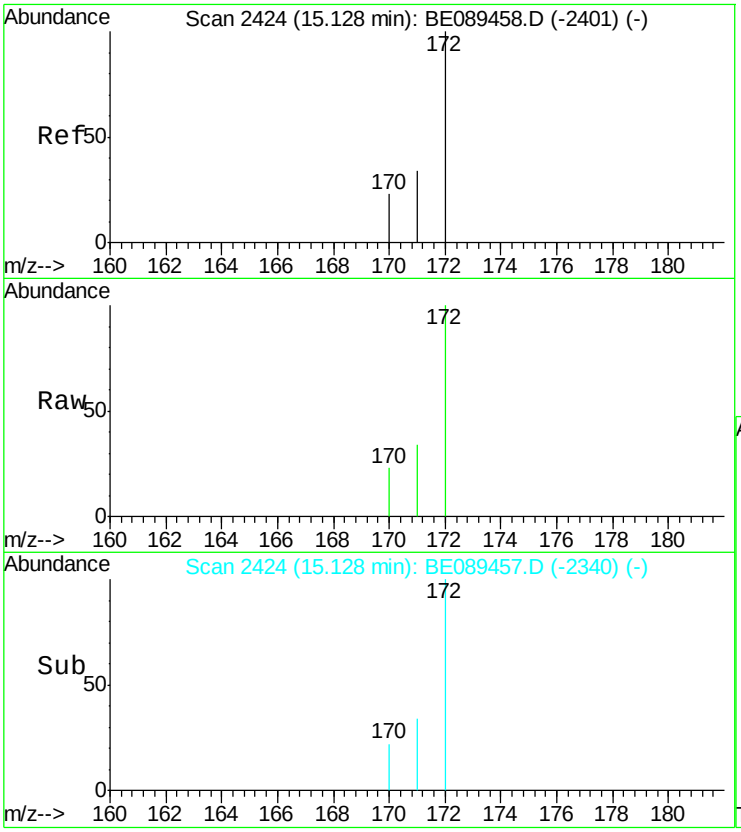


#14
2,4,6-Tribromophenol
Concen: 1.63 ng
RT: 18.59 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:330 Resp: 2769

Ion	Ratio	Lower	Upper
330	100		
332	97.2	75.4	113.2
141	43.5	35.7	53.5



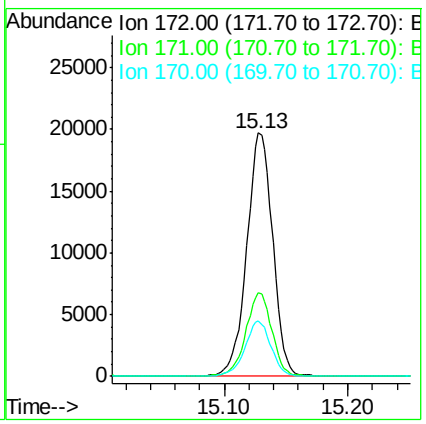


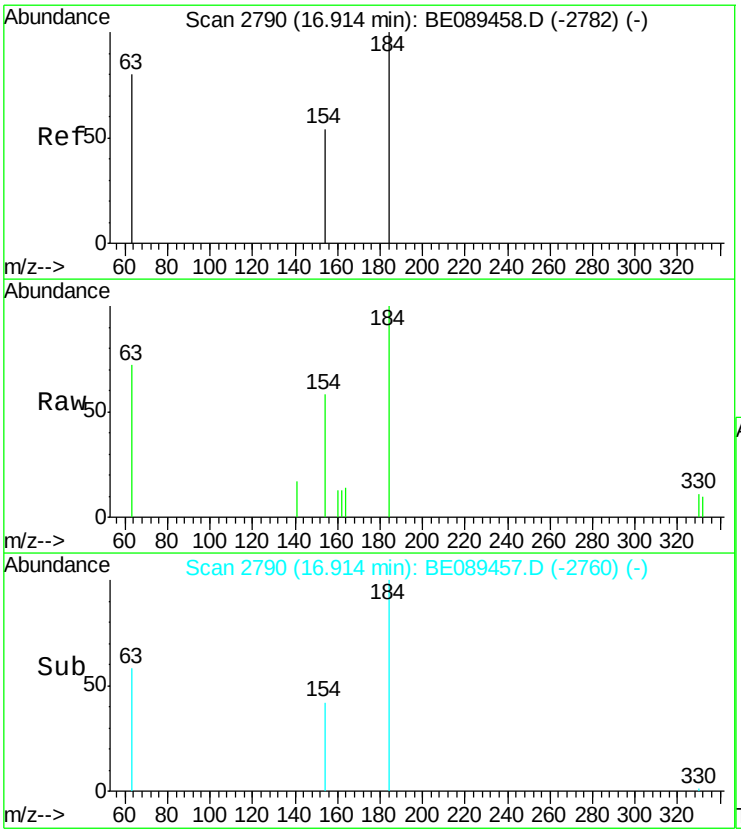
#15
2-Fluorobiphenyl
Concen: 2.04 ng
RT: 15.13 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:172 Resp: 28503

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.7	41.5
170	22.6	18.3	27.5

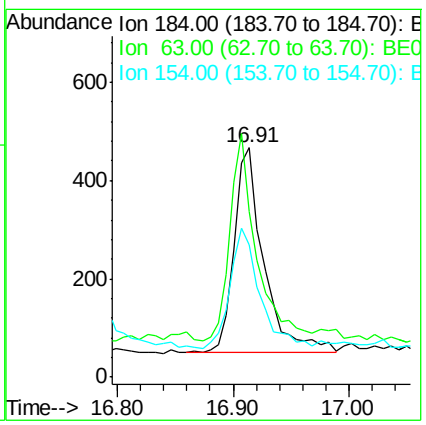


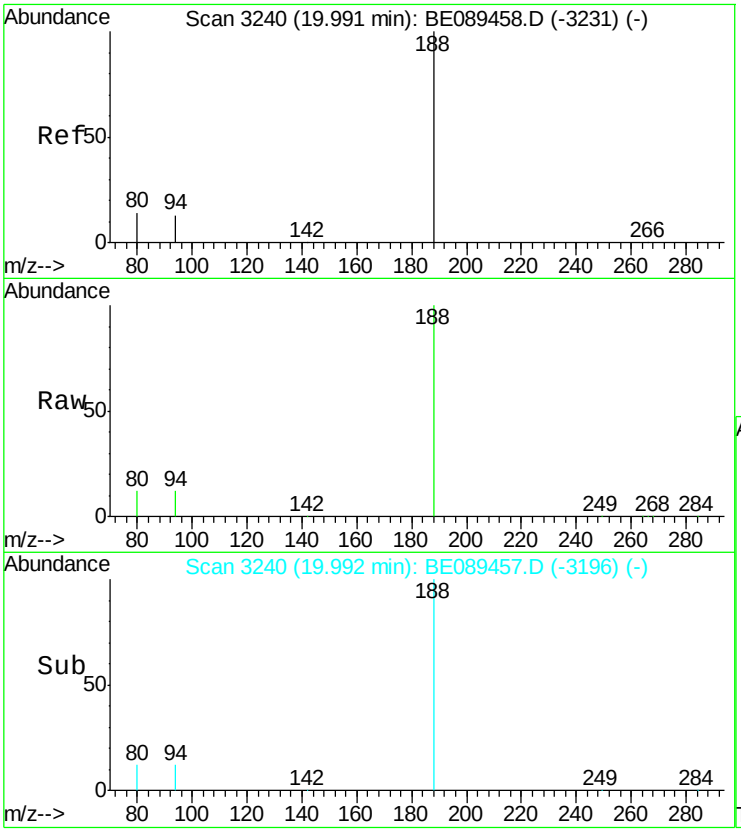


#16
2,4-Dinitrophenol
Concen: 1.14 ng
RT: 16.91 min Scan# 2790
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:184 Resp: 732

Ion	Ratio	Lower	Upper
184	100		
63	72.4	77.0	115.6#
154	57.8	54.0	81.0



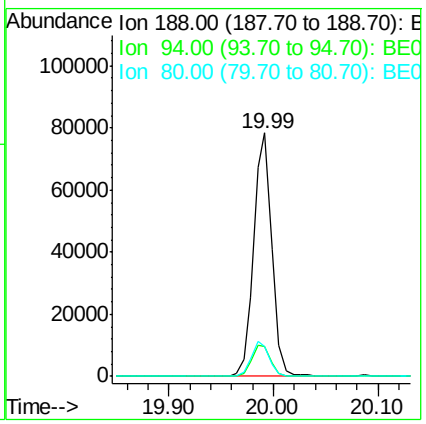


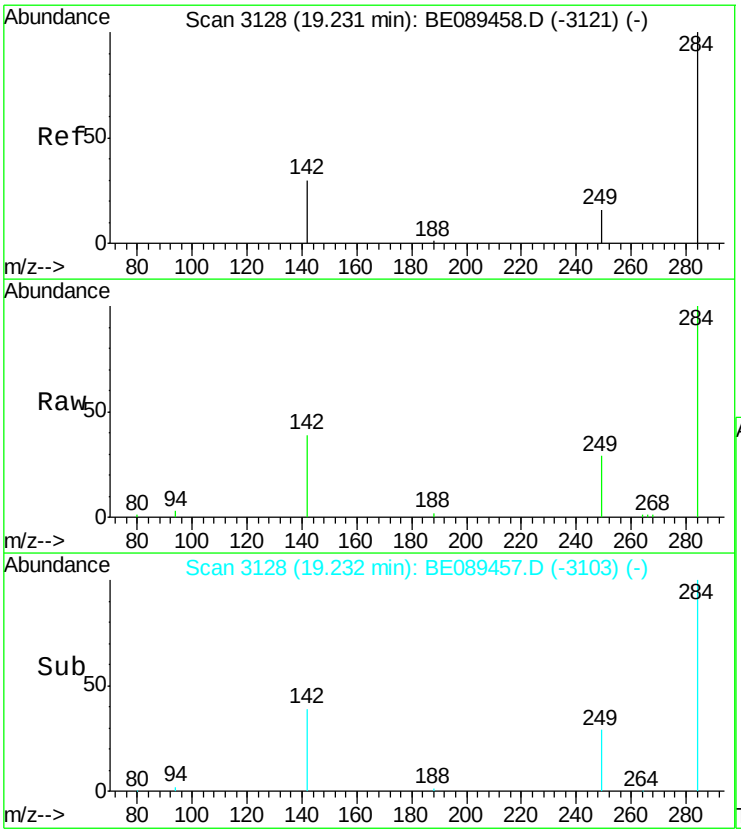
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:188 Resp: 94465

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.2	15.4
80	12.5	10.9	16.3

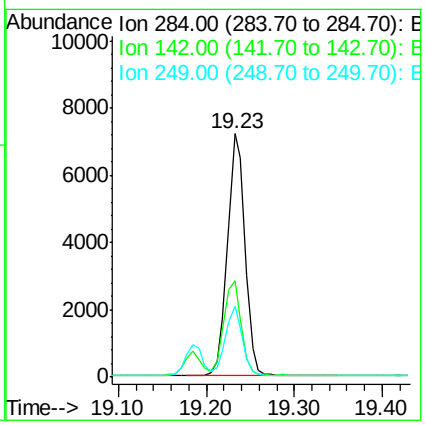


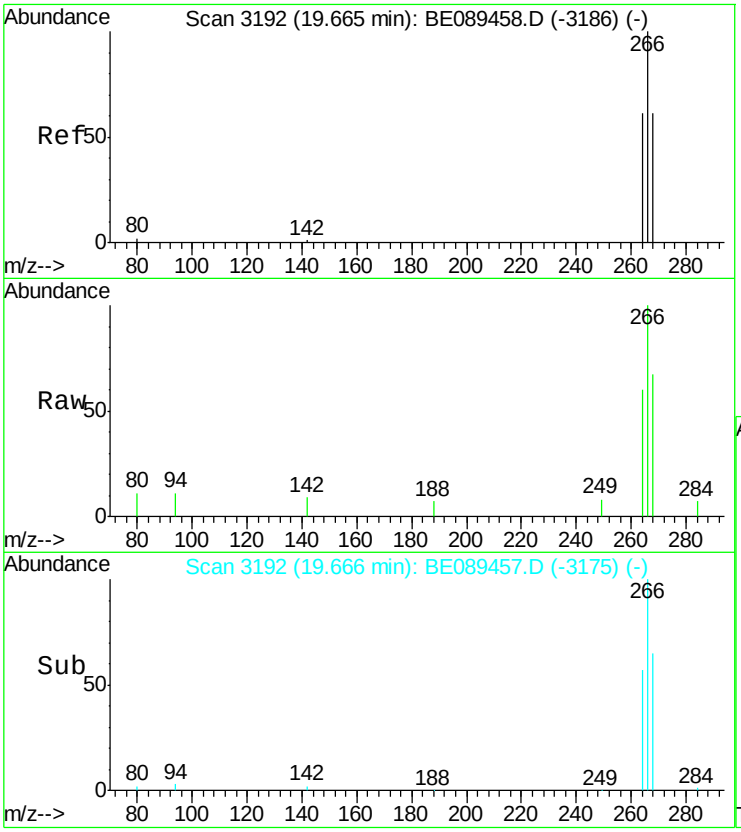


#18
Hexachlorobenzene
Concen: 1.98 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:284 Resp: 9959

Ion	Ratio	Lower	Upper
284	100		
142	39.4	31.8	47.8
249	29.2	23.5	35.3



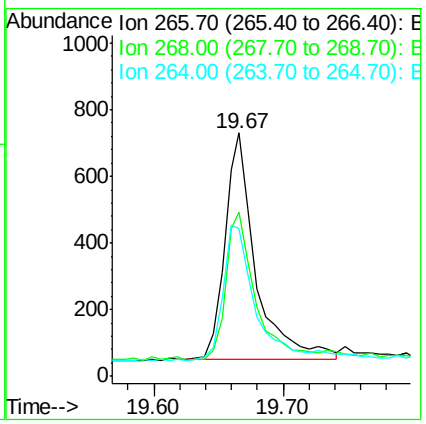


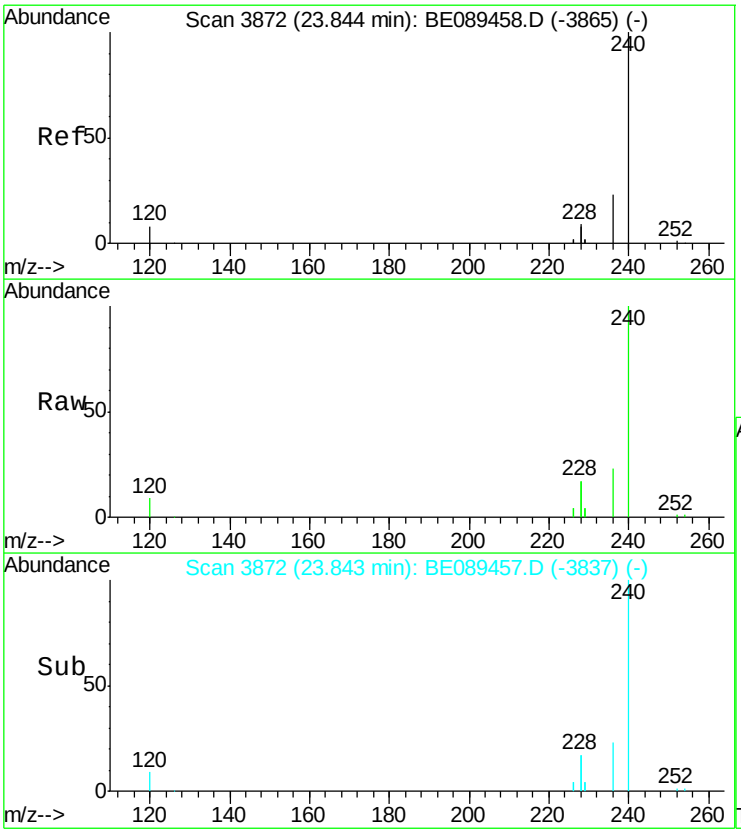
#19
Pentachlorophenol
Concen: 1.29 ng
RT: 19.67 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:266 Resp: 1136

Ion	Ratio	Lower	Upper
266	100		
268	67.4	52.6	78.8
264	60.5	52.2	78.2

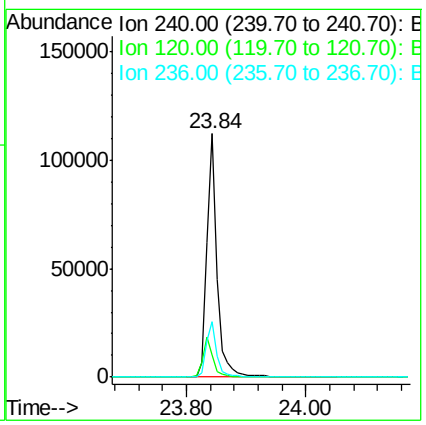


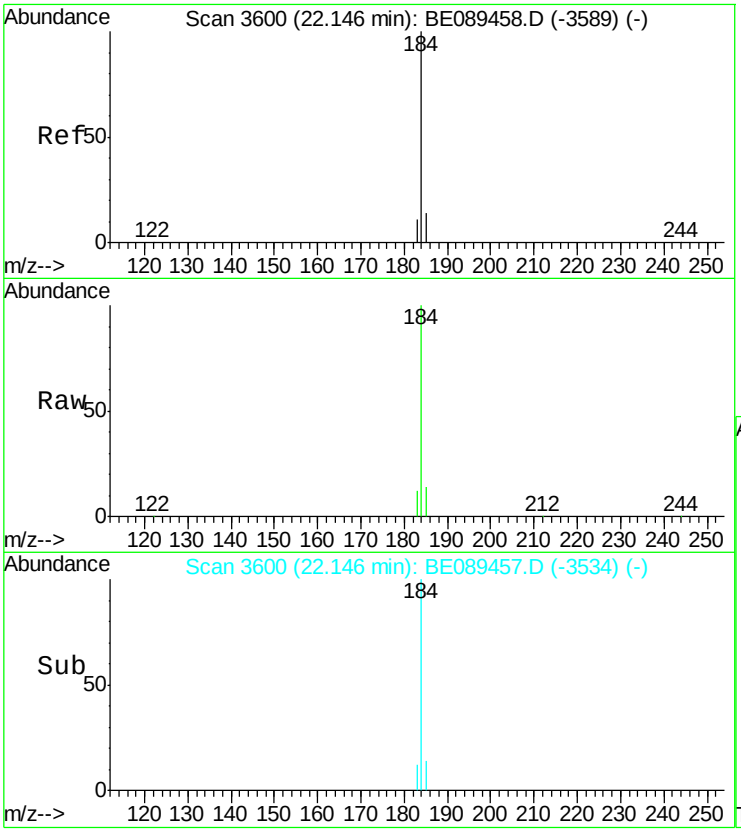


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:240 Resp: 133144

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.2	9.4
236	22.9	18.2	27.4



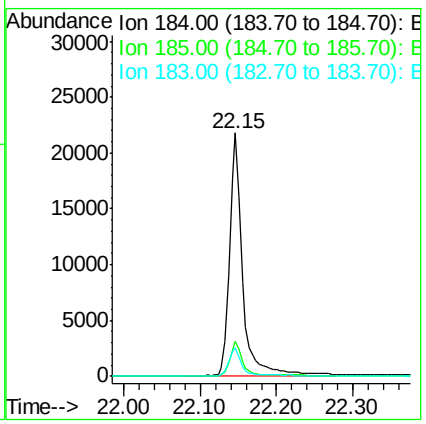


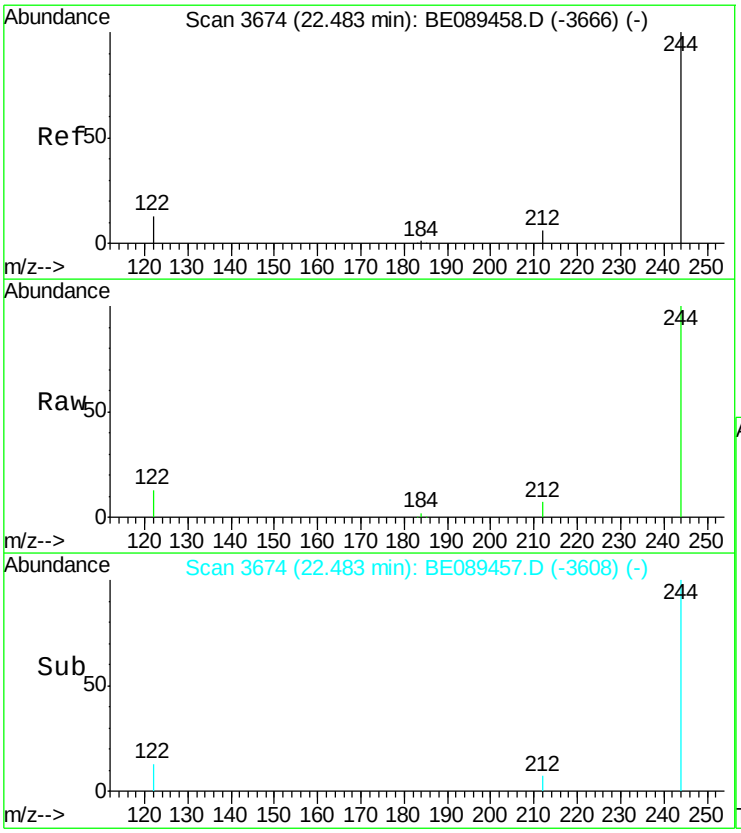
#21
Benzidine
Concen: 2.84 ng
RT: 22.15 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:184 Resp: 25981

Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.7	17.5
183	11.8	9.4	14.0

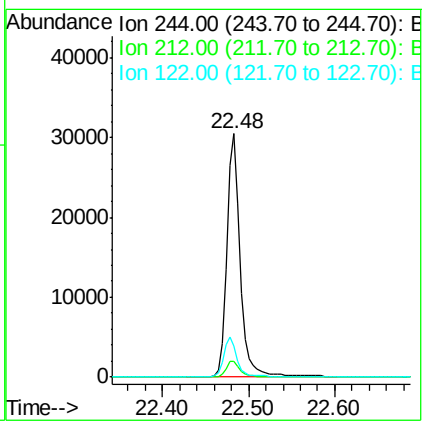


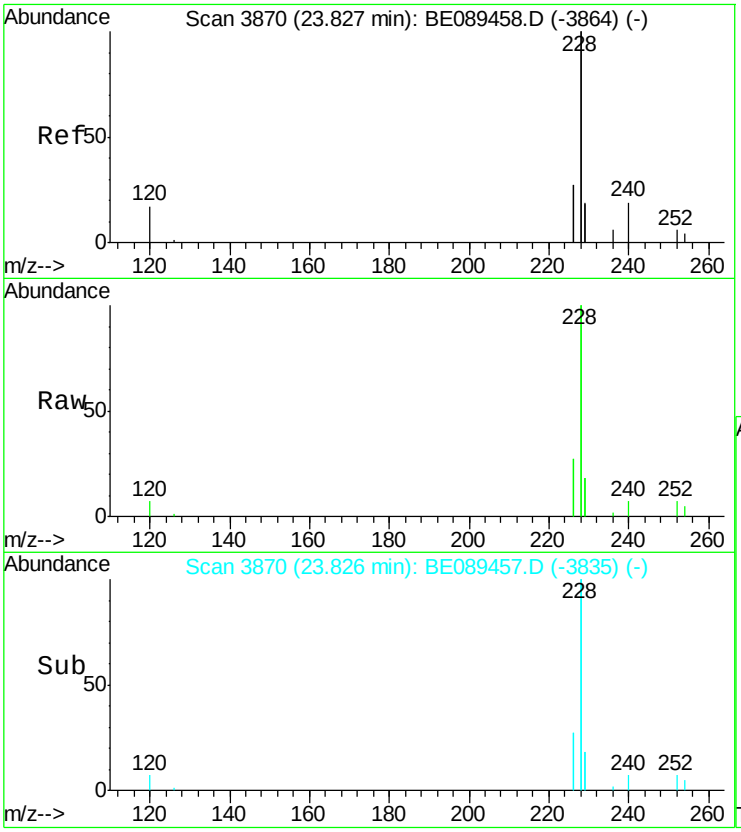


#22
Terphenyl-d14
Concen: 1.98 ng
RT: 22.48 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:244 Resp: 33092

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	13.0	10.5	15.7



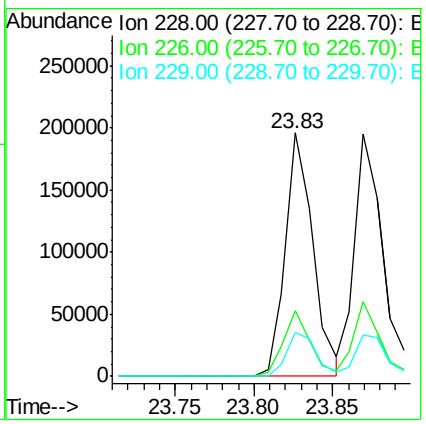


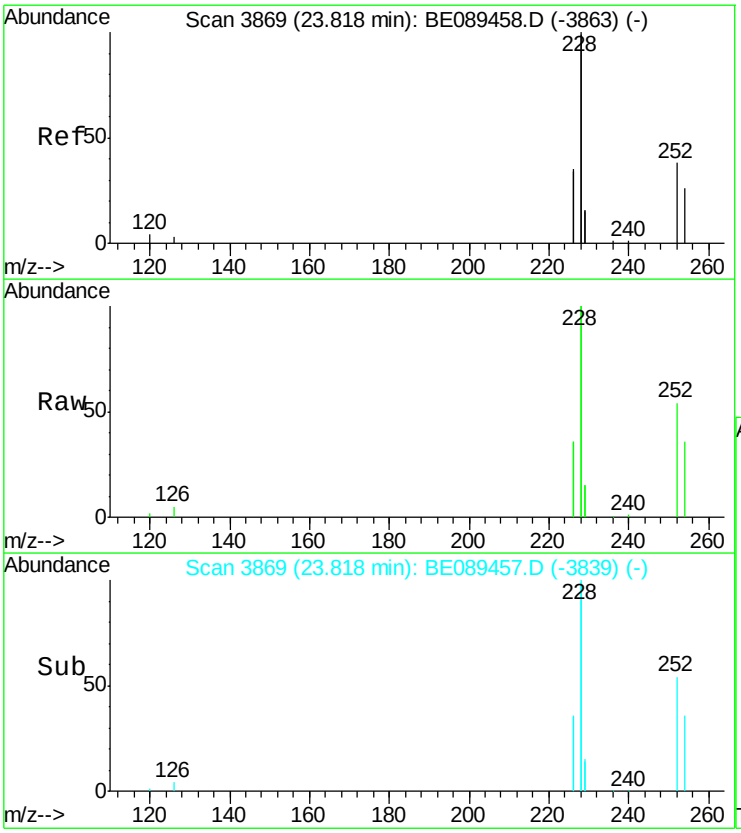
#23
Benzo(a)anthracene
Concen: 2.26 ng
RT: 23.83 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:228 Resp: 235993

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.7	32.5
229	18.3	14.8	22.2

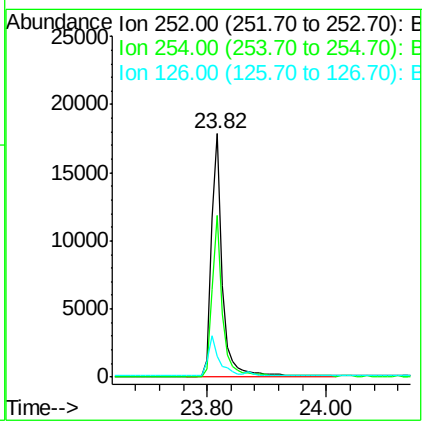


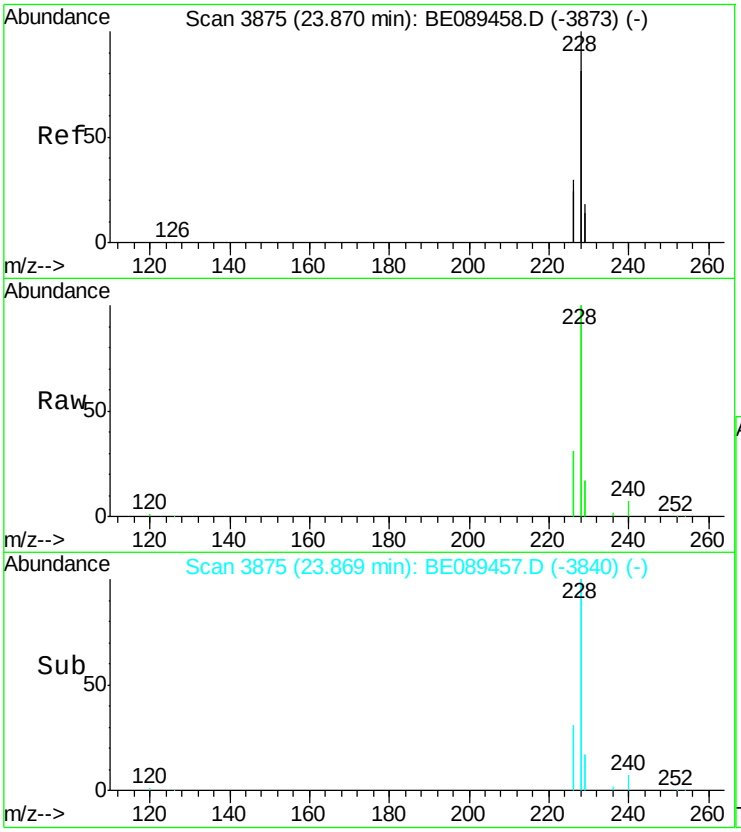


#24
3,3'-Dichlorobenzidine
Concen: 2.93 ng
RT: 23.82 min Scan# 3869
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:252 Resp: 22712

Ion	Ratio	Lower	Upper
252	100		
254	66.3	54.6	82.0
126	8.5	8.0	12.0



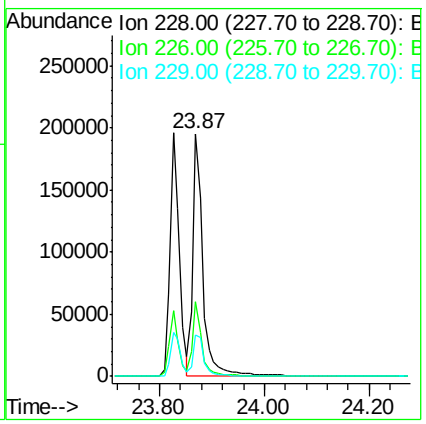


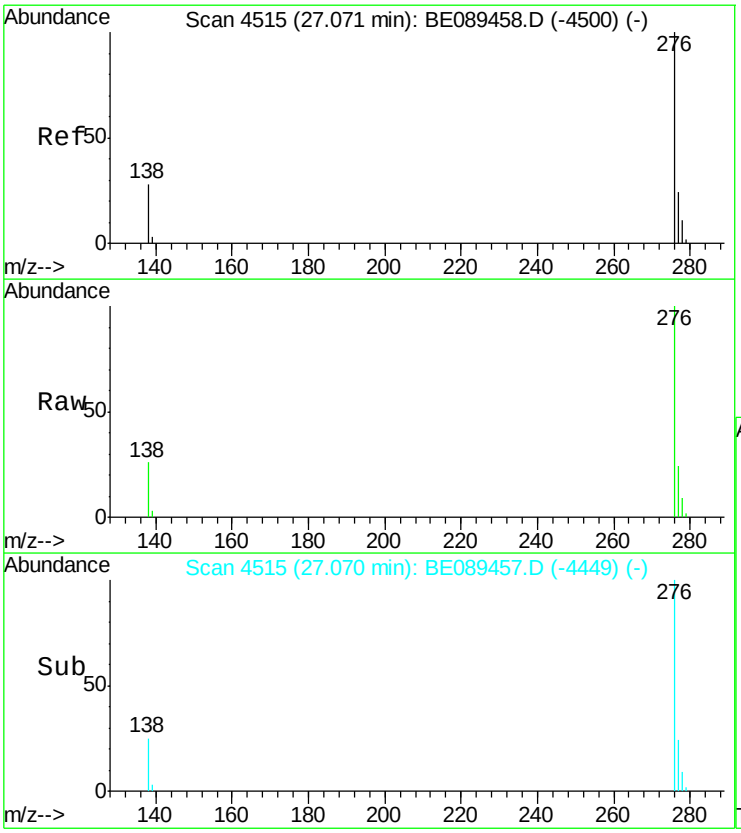
#25
Chrysene
Concen: 1.93 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:228 Resp: 260879

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.8
229	17.3	14.3	21.5

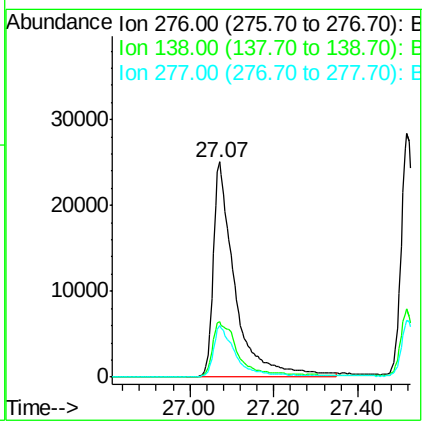


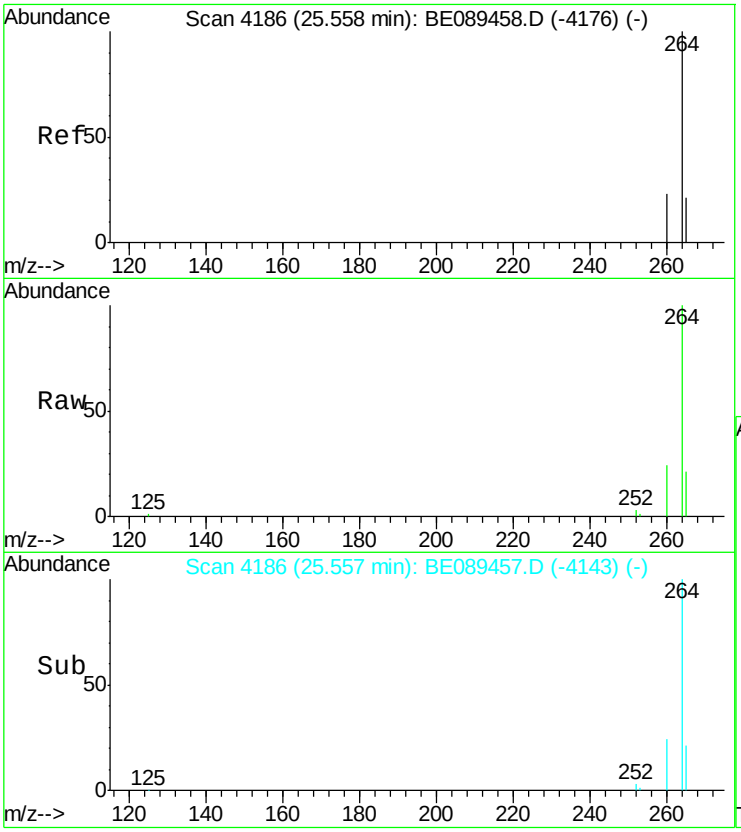


#26
Indeno(1,2,3-cd)pyrene
Concen: 4.12 ng
RT: 27.07 min Scan# 4515
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:276 Resp: 88757

Ion	Ratio	Lower	Upper
276	100		
138	30.1	23.3	34.9
277	23.9	19.0	28.4



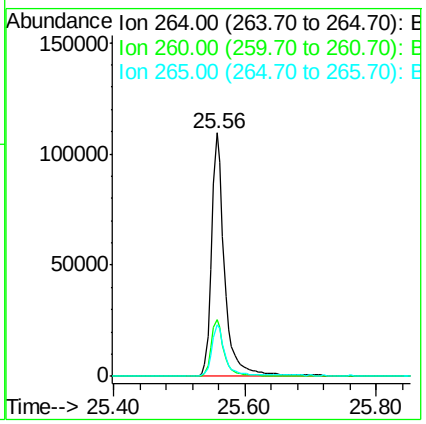


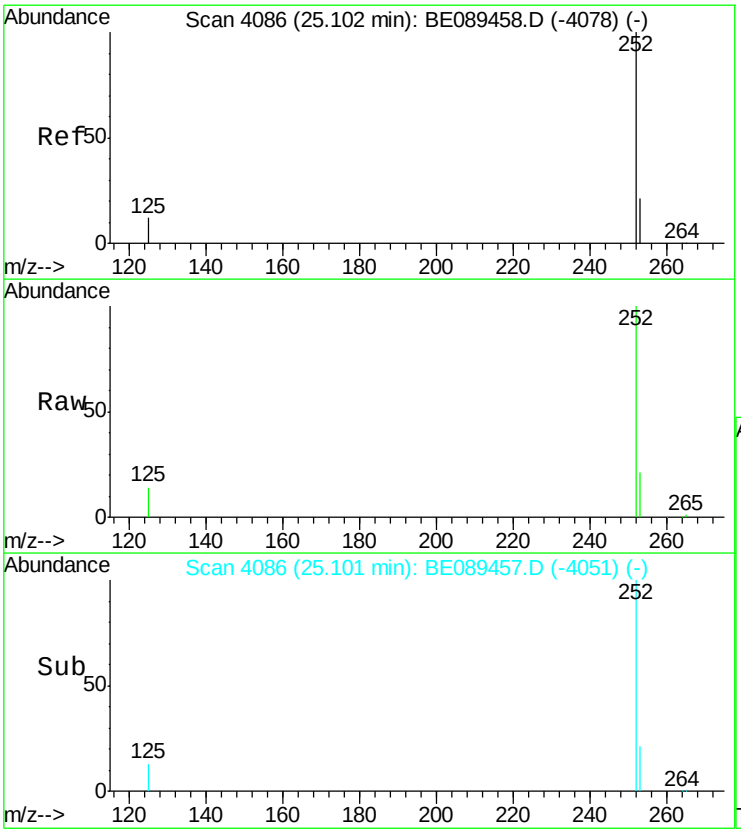
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.56 min Scan# 4186
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:264 Resp: 151698

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.4	17.0	25.6

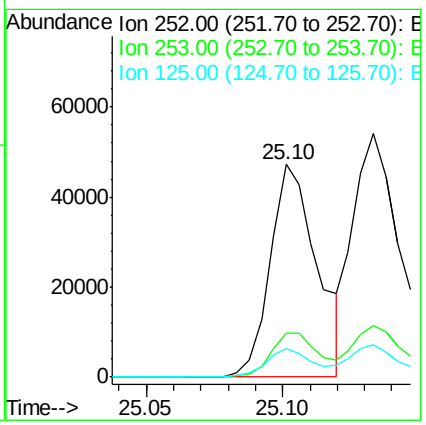


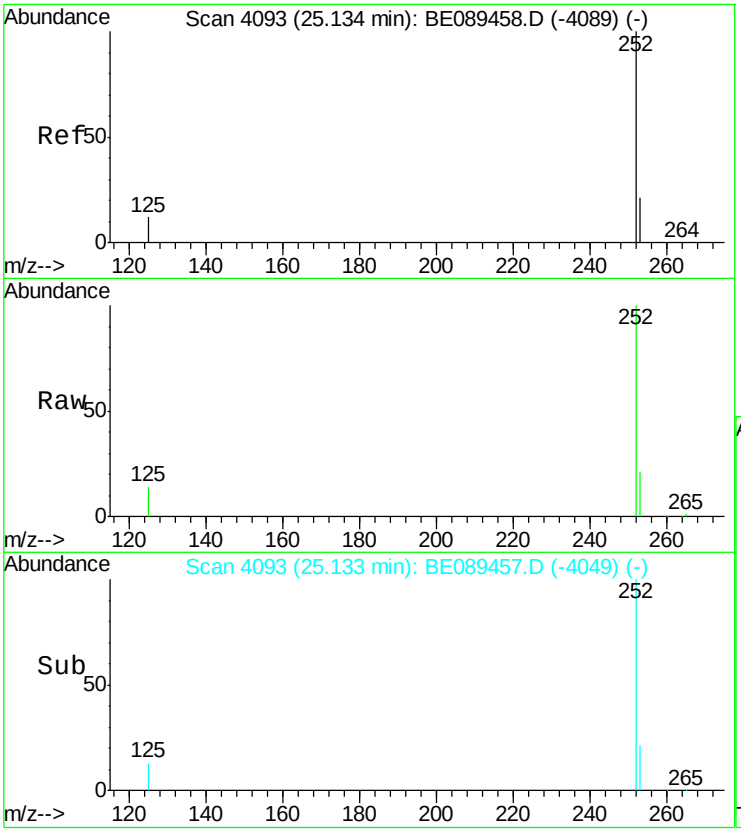


#28
Benzo(b)fluoranthene
Concen: 4.13 ng
RT: 25.10 min Scan# 4086
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:252 Resp: 56370

Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.4	26.0
125	13.7	10.4	15.6



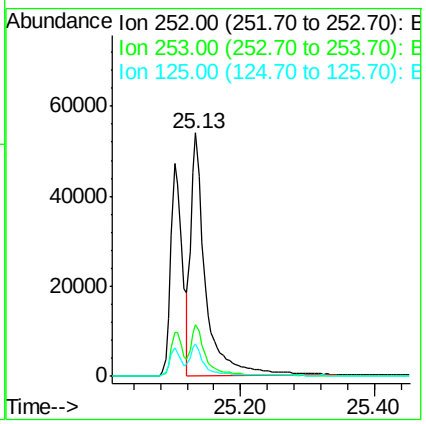


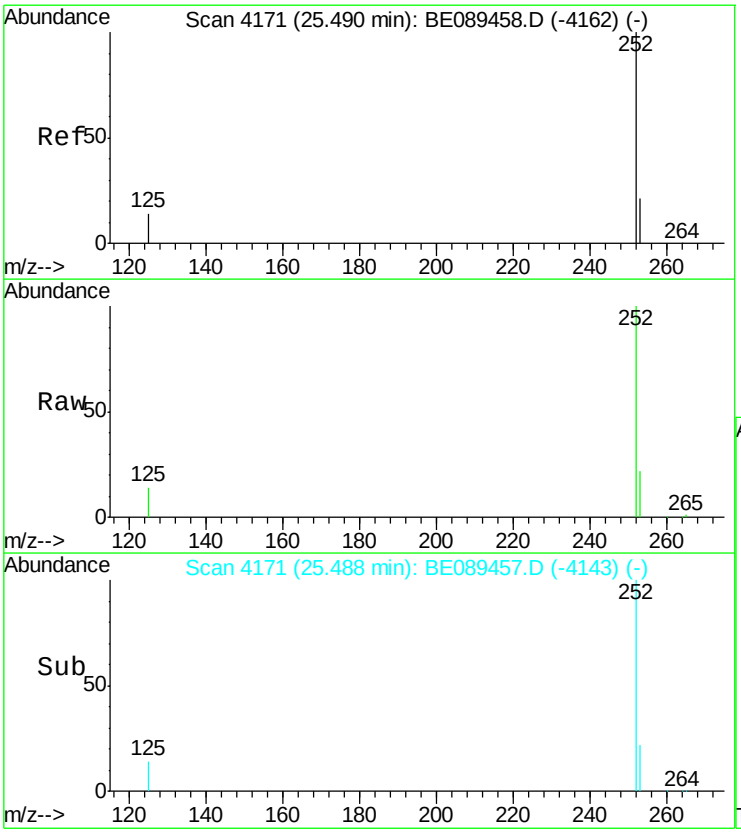
#29
Benzo(k)fluoranthene
Concen: 1.98 ng
RT: 25.13 min Scan# 4093
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:252 Resp: 81413

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.5	10.3	15.5

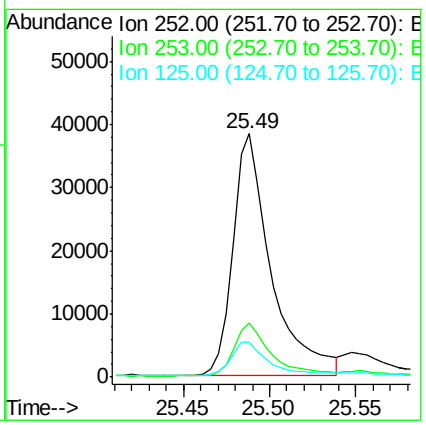


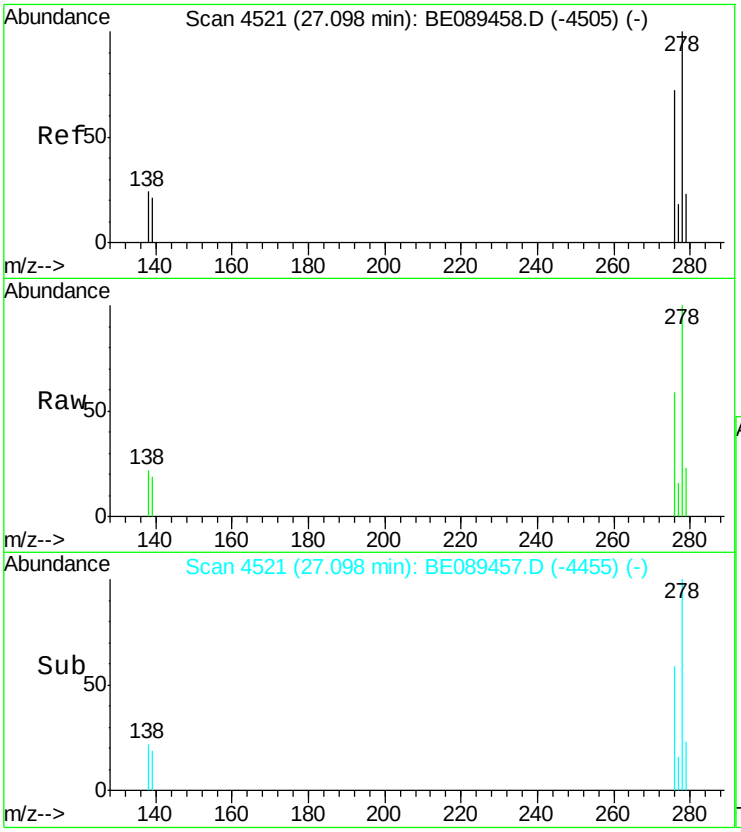


#30
Benzo(a)pyrene
Concen: 3.19 ng
RT: 25.49 min Scan# 4171
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Tgt Ion:252 Resp: 58894

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	14.3	11.8	17.8





#31
Dibenzo(a,h)anthracene
Concen: 4.13 ng
RT: 27.10 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BE089457.D
Acq: 2 Feb 2015 15:53

Instrument :
BNA_E
LabSampleId :
SSTDICC002

Tgt Ion:278 Resp: 74631

Ion	Ratio	Lower	Upper
278	100		
139	19.3	17.1	25.7
279	22.9	18.8	28.2