Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089469.D
Acq On : 2 Feb 2015 23:44
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 03 04:44:39 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 04:09:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	35709	5.00	ng	0.00
7) Naphthalene-d8	12.49	136	120558	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	46487	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	108338	5.00	ng	0.00
20) Chrysene-d12	23.84	240	162191	5.00	ng	0.00
27) Perylene-d12	25.56	264	188044	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.77	112	9394	0.79	ng	0.01
4) Phenol-d6	8.89	99	10669	0.77	ng	0.02
8) Nitrobenzene-d5	10.85	82	6651	0.76	ng	0.00
14) 2,4,6-Tribromophenol	18.59	330	1141	0.97	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	9392	0.72	ng	0.00
22) Terphenyl-d14	22.48	244	15278	0.83	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.62	42	4523	0.76	ng	# 74
5) Phenol	8.92	94	10368	0.69	ng	95
6) bis(2-Chloroethyl)ether	9.06	93	8072	0.74	ng	# 98
9) Nitrobenzene	10.89	77	7707	0.77	ng	98
10) 2,4-Dimethylphenol	11.84	122	5456	0.77	ng	94
11) 2,4-Dichlorophenol	12.23	162	4285	0.80	ng	94
12) Hexachlorobutadiene	12.87	225	2928	0.77	ng	99
16) 2,4-Dinitrophenol	16.93	184	175	0.63	ng	95
18) Hexachlorobenzene	19.23	284	3962	0.70	ng	99
19) Pentachlorophenol	19.67	266	532	1.01	ng	99
21) Benzidine	22.15	184	8976	0.76	ng	98
23) Benzo(a)anthracene	23.83	228	112156	0.87	ng	99
24) 3,3'-Dichlorobenzidine	23.82	252	10844	0.88	ng	96
25) Chrysene	23.87	228	118784	0.75	ng	98
26) Indeno(1,2,3-cd)pyrene	27.07	276	38123	0.75	ng	98
28) Benzo(b)fluoranthene	25.10	252	26637	0.94	ng	99
29) Benzo(k)fluoranthene	25.13	252	37494	0.80	ng	98
30) Benzo(a)pyrene	25.49	252	28166	0.90	ng	97
31) Dibenzo(a,h)anthracene	27.10	278	32782	0.82	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089469.D
Acq On : 2 Feb 2015 23:44
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
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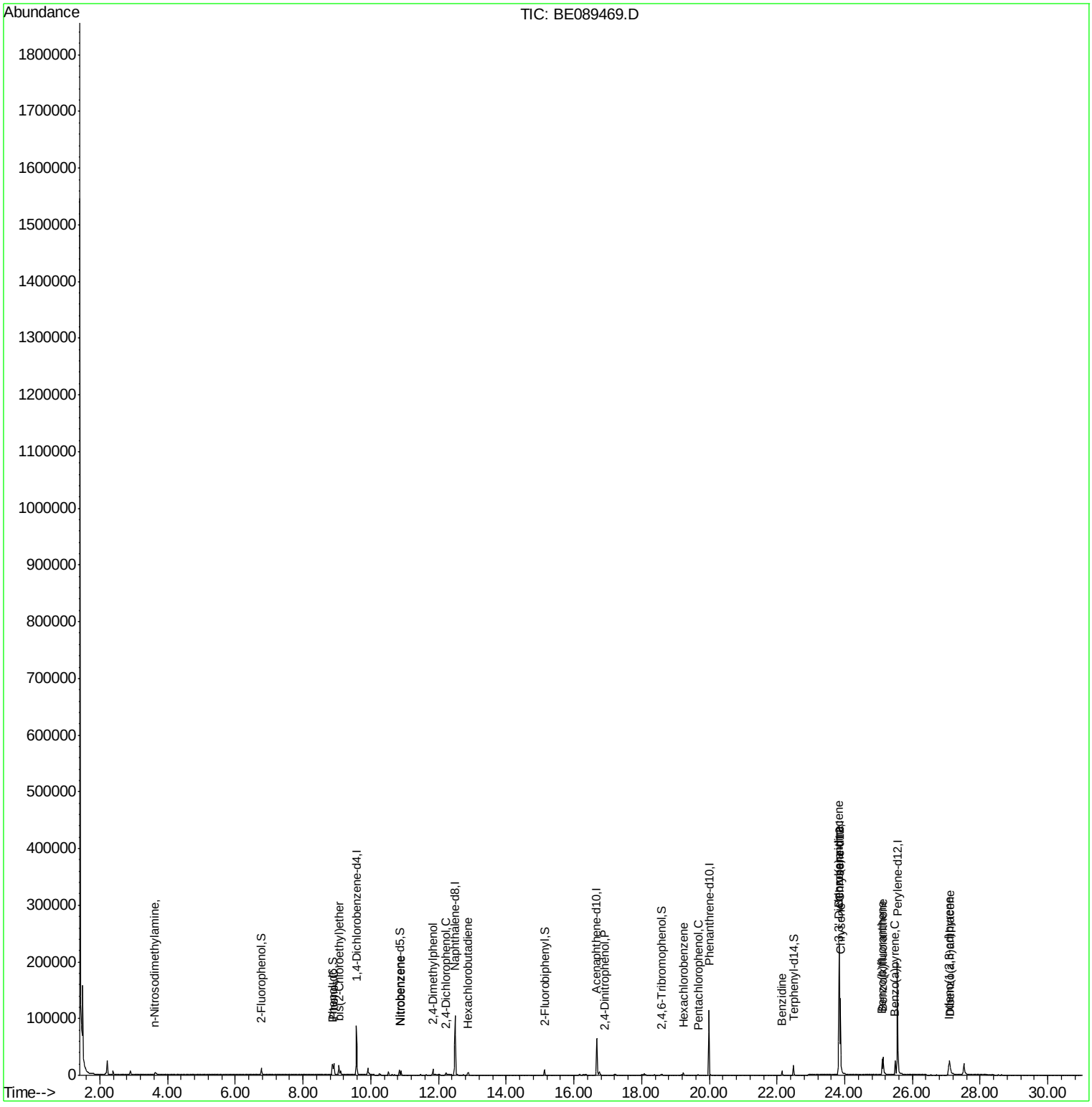
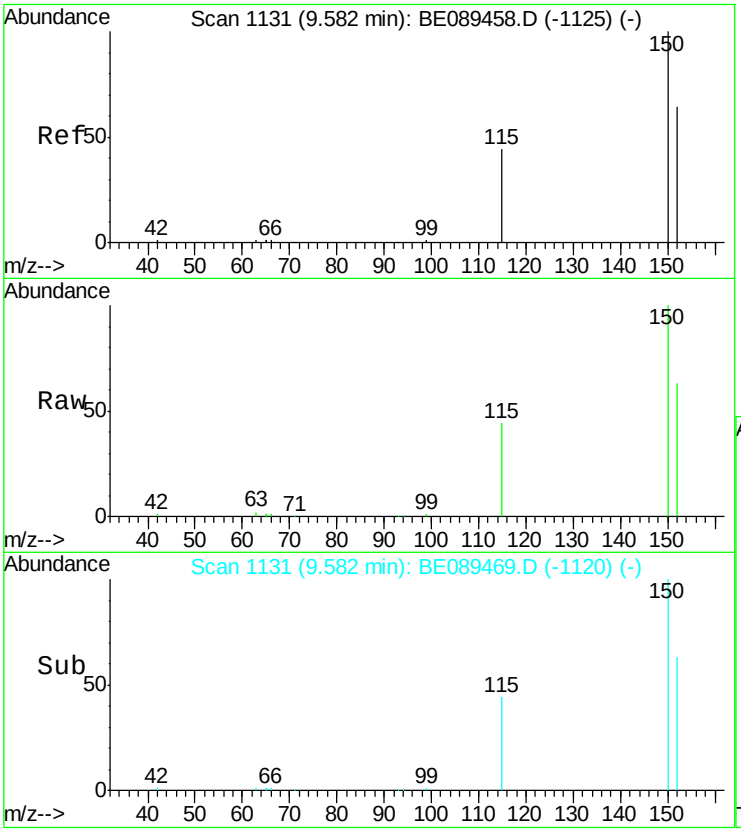
Quant Time: Feb 03 04:44:39 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 04:09:03 2015
Response via : Initial Calibration



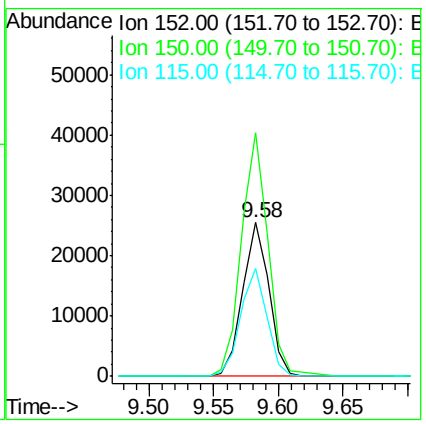


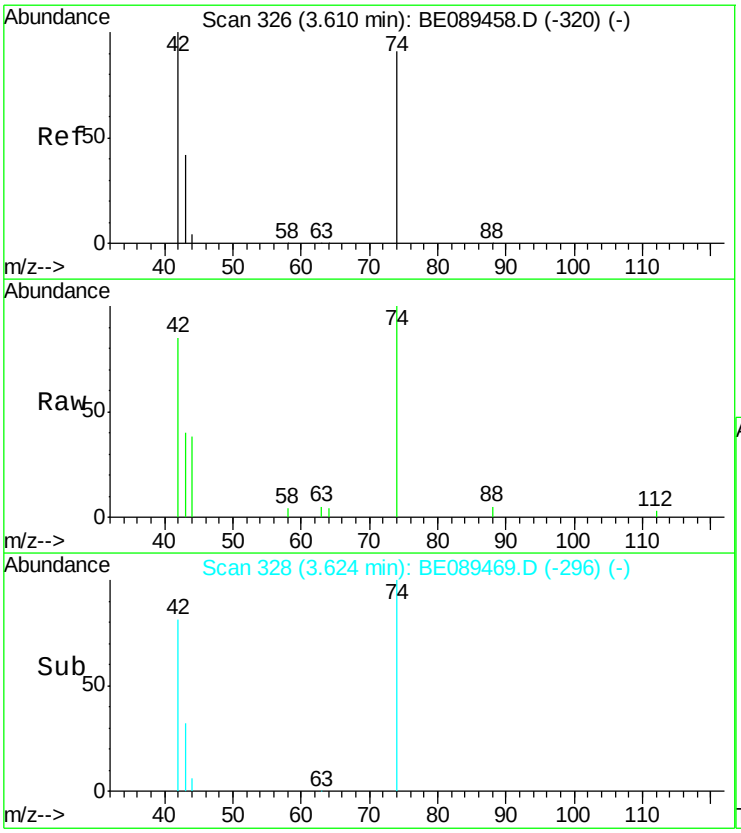
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 35709

Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	69.8	55.4	83.0

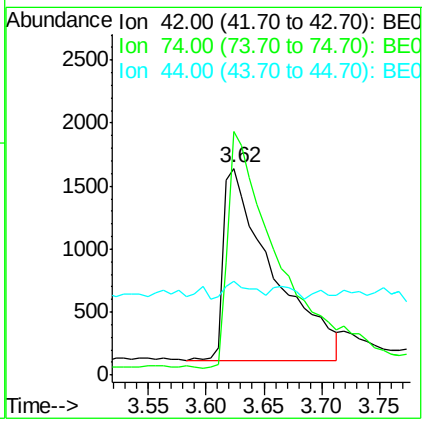


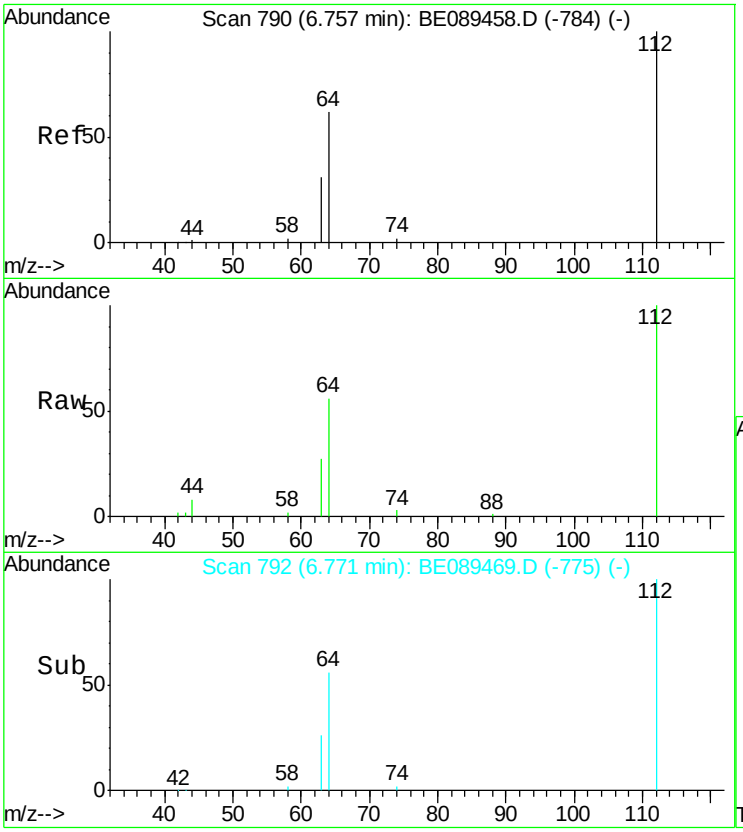


#2
n-Nitrosodimethylamine
Concen: 0.76 ng
RT: 3.62 min Scan# 328
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion: 42 Resp: 4523

Ion	Ratio	Lower	Upper
42	100		
74	117.7	72.1	108.1#
44	45.1	28.0	42.0#



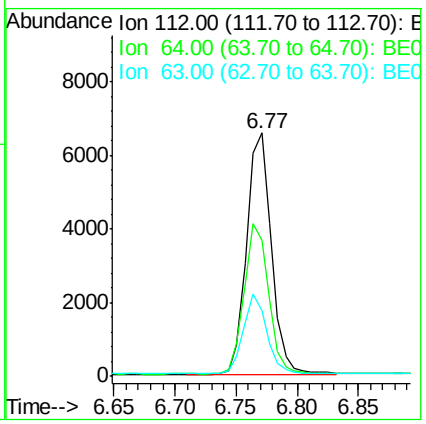


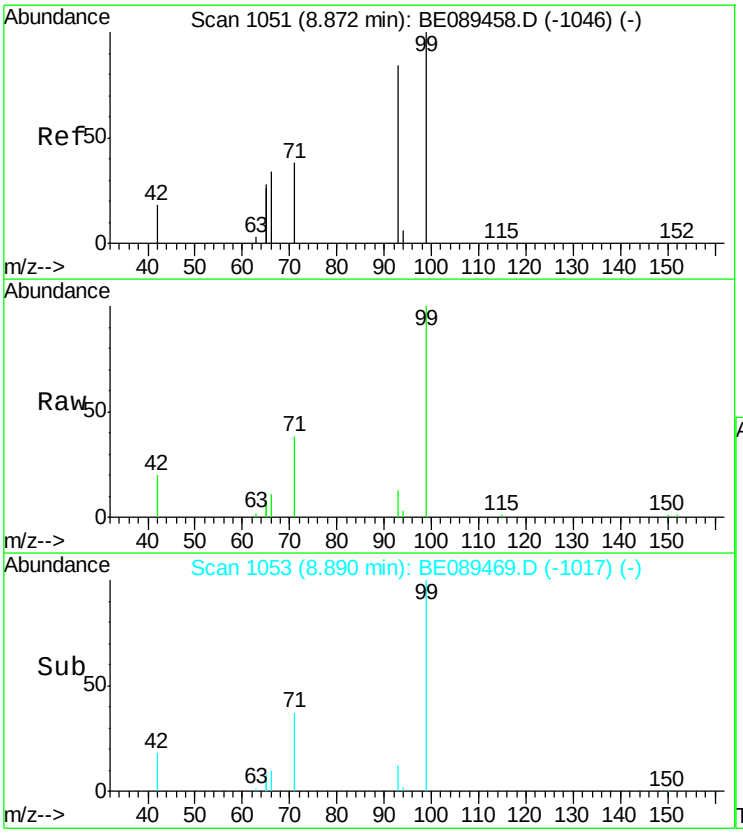
#3
2-Fluorophenol
Concen: 0.79 ng
RT: 6.77 min Scan# 792
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 9394

Ion	Ratio	Lower	Upper
112	100		
64	56.0	49.8	74.8
63	27.2	24.9	37.3

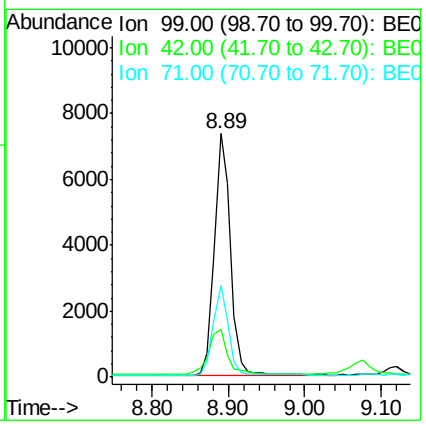


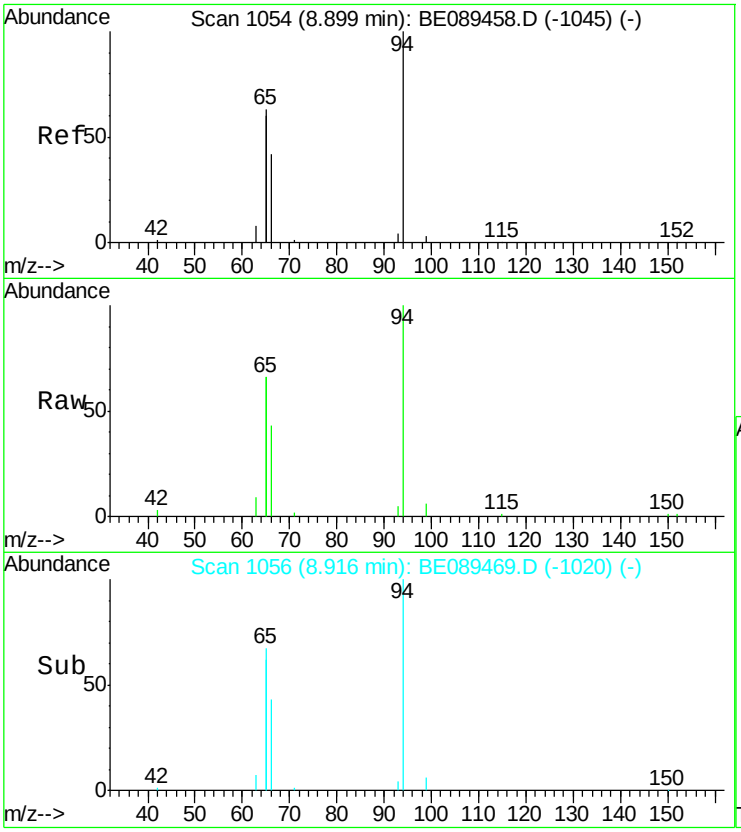


#4
Phenol-d6
Concen: 0.77 ng
RT: 8.89 min Scan# 1053
Delta R.T. 0.02 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion: 99 Resp: 10669

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.0	22.4
71	37.7	30.6	46.0



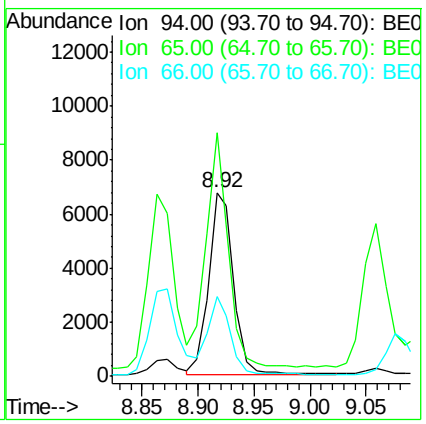


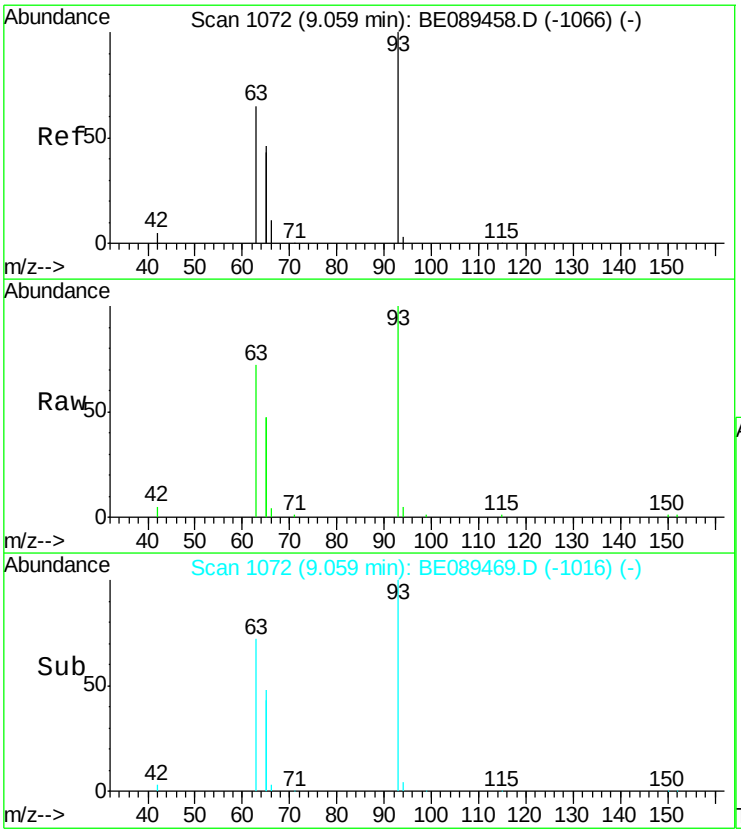
#5
Phenol
Concen: 0.69 ng
RT: 8.92 min Scan# 1056
Delta R.T. 0.02 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 94 Resp: 10368

Ion	Ratio	Lower	Upper
94	100		
65	132.4	105.0	145.0
66	43.5	22.4	62.4

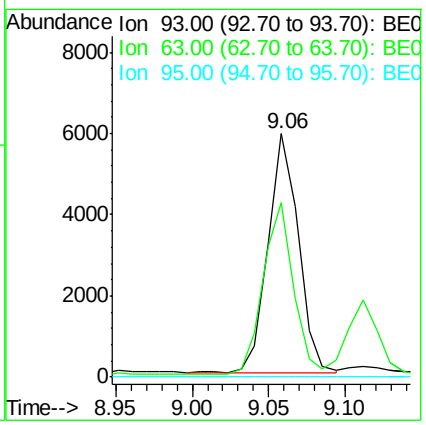


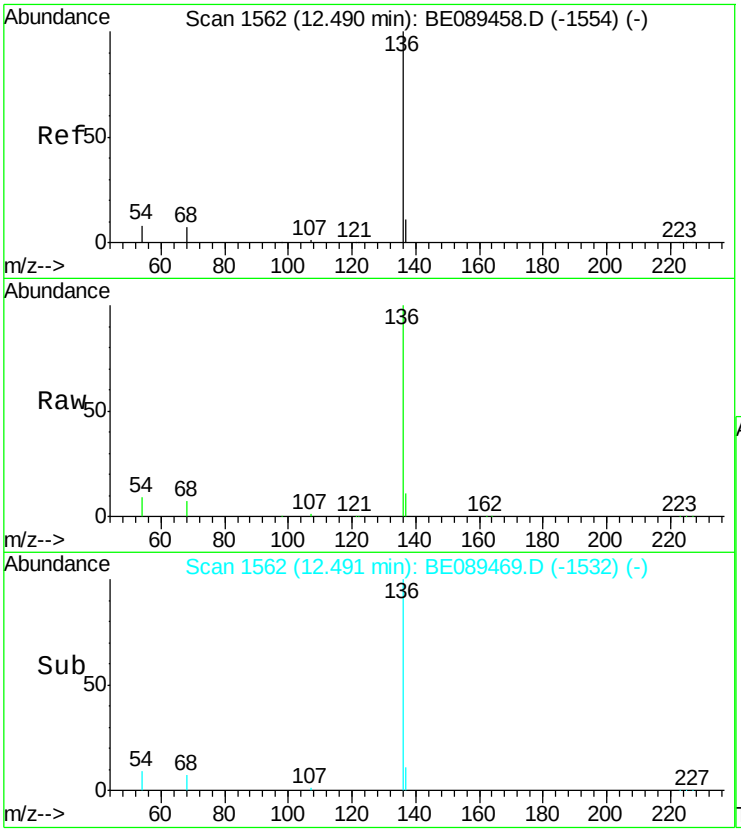


#6
bis(2-Chloroethyl)ether
Concen: 0.74 ng
RT: 9.06 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion: 93 Resp: 8072

Ion	Ratio	Lower	Upper
93	100		
63	72.4	59.2	88.8
95	0.0	0.0	0.0



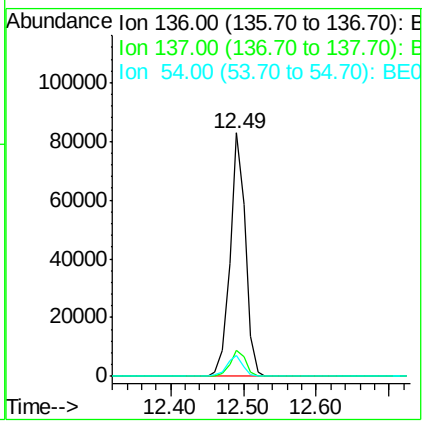


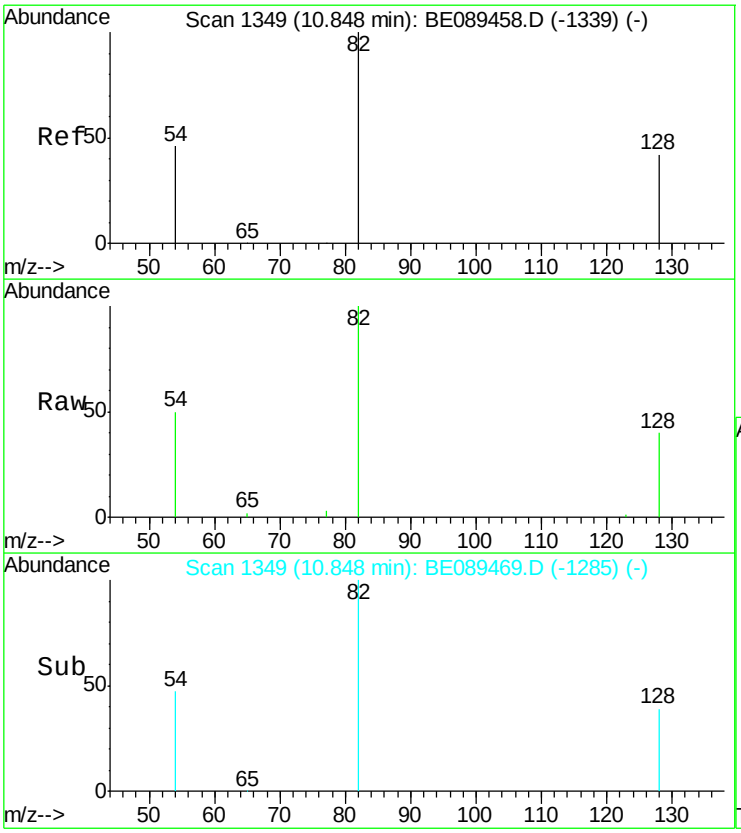
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.49 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 120558

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.7	6.5	9.7

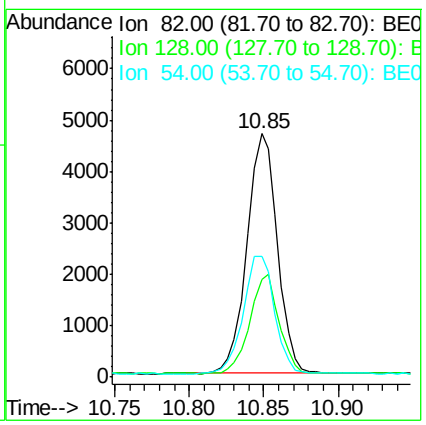


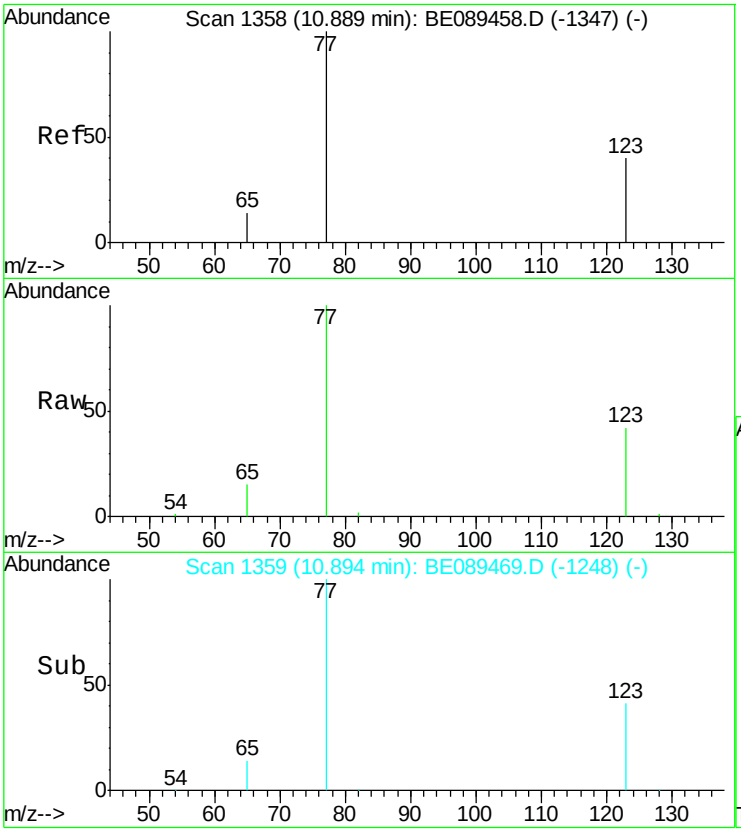


#8
Nitrobenzene-d5
Concen: 0.76 ng
RT: 10.85 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion: 82 Resp: 6651

Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.2	51.2
54	49.7	37.3	55.9



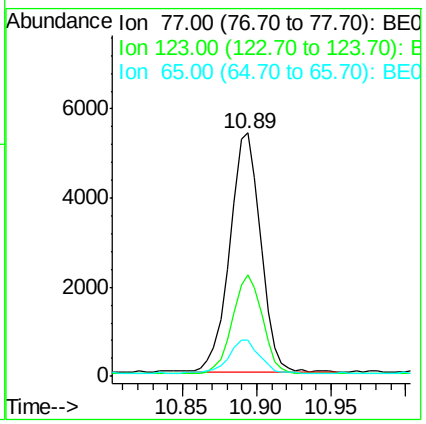


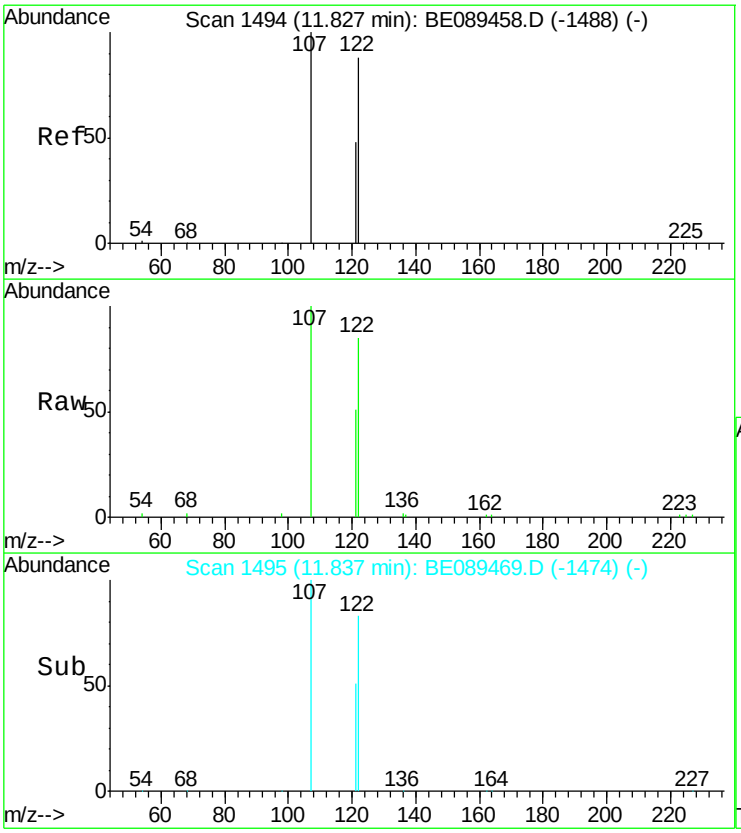
#9
Nitrobenzene
Concen: 0.77 ng
RT: 10.89 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 7707

Ion	Ratio	Lower	Upper
77	100		
123	40.5	33.6	50.4
65	14.1	11.0	16.6

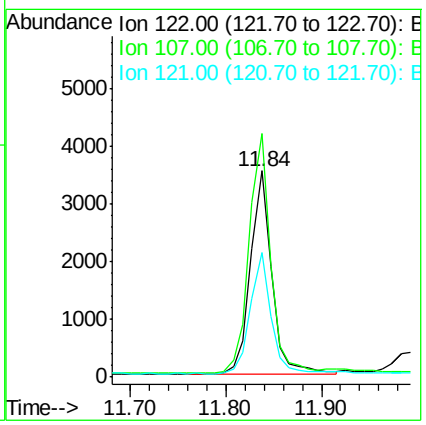


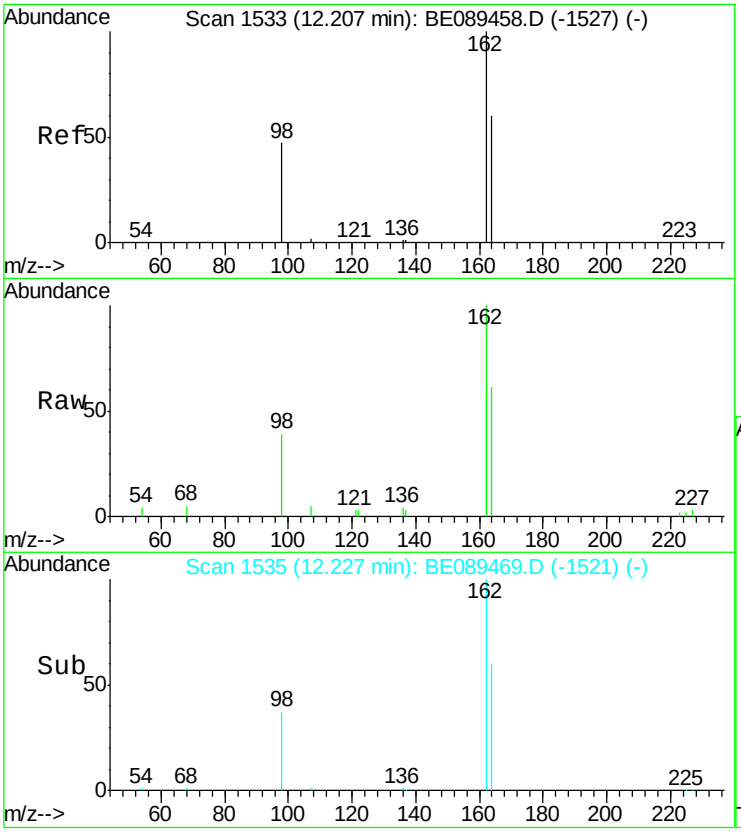


#10
2,4-Dimethylphenol
Concen: 0.77 ng
RT: 11.84 min Scan# 1495
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:122 Resp: 5456

Ion	Ratio	Lower	Upper
122	100		
107	118.2	90.6	136.0
121	60.7	43.7	65.5



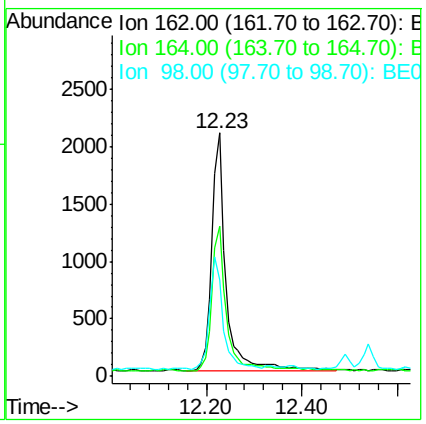


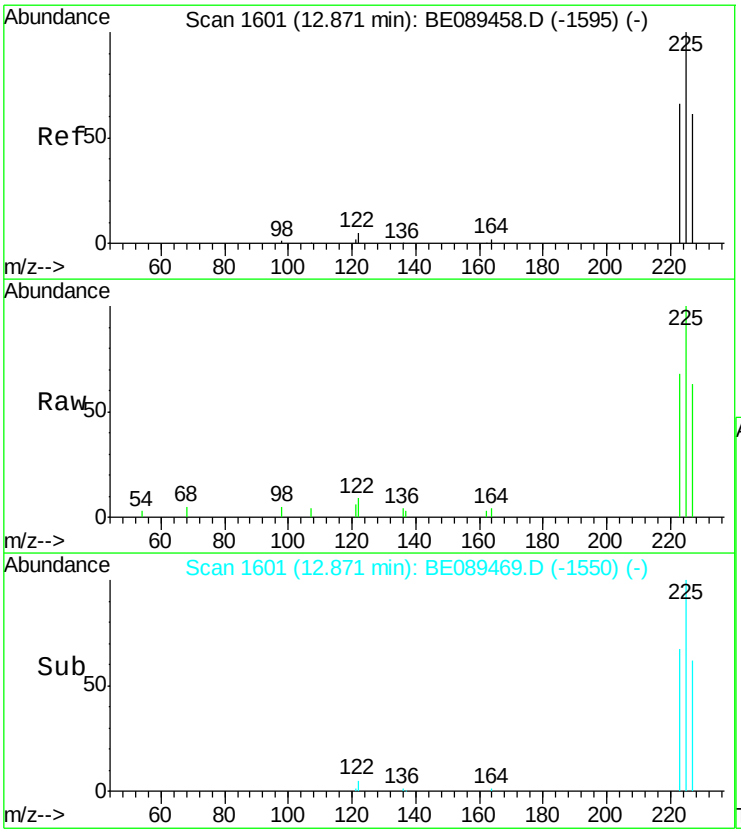
#11
2,4-Dichlorophenol
Concen: 0.80 ng
RT: 12.23 min Scan# 1535
Delta R.T. 0.02 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:162 Resp: 4285

Ion	Ratio	Lower	Upper
162	100		
164	61.5	40.5	80.5
98	39.5	28.1	68.1

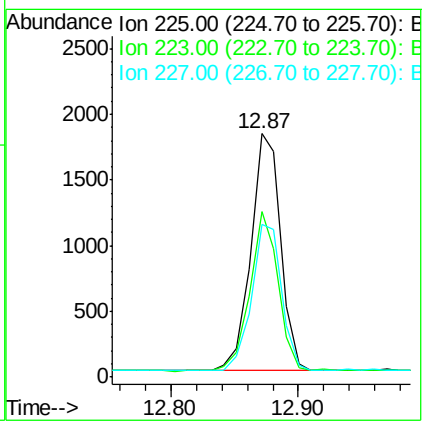


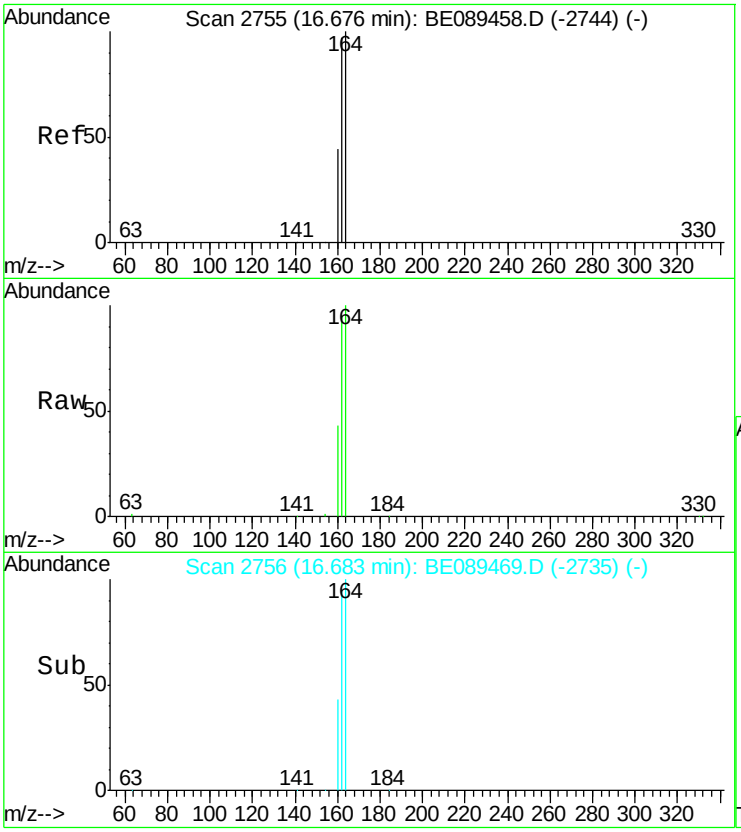


#12
Hexachlorobutadiene
Concen: 0.77 ng
RT: 12.87 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:225 Resp: 2928

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	62.0	49.9	74.9



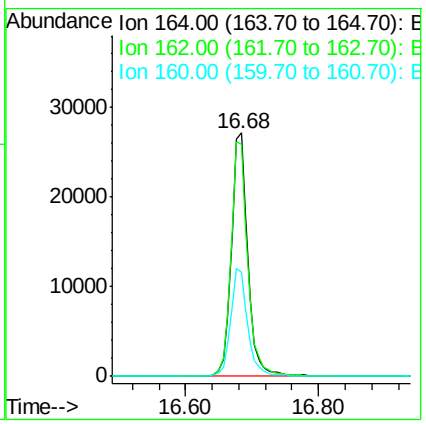


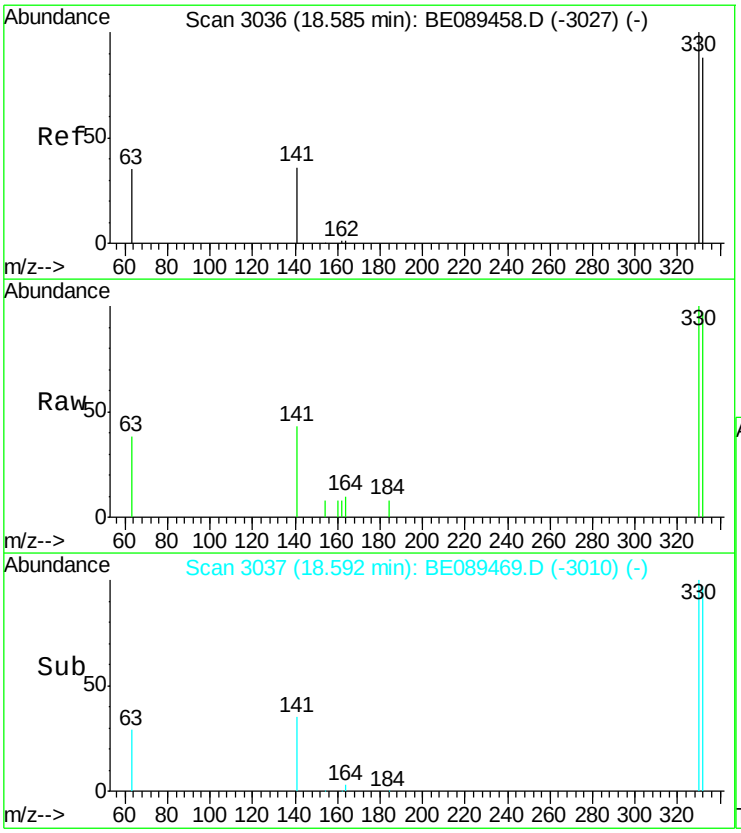
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2756
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 46487

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.4	116.2
160	42.9	35.5	53.3

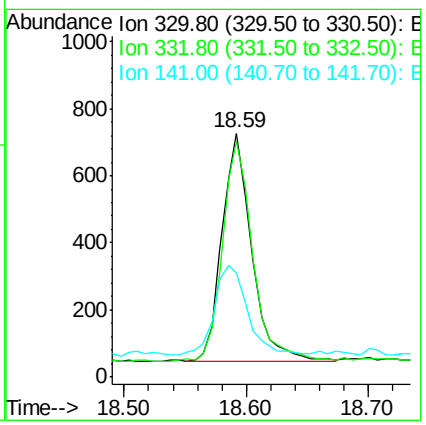


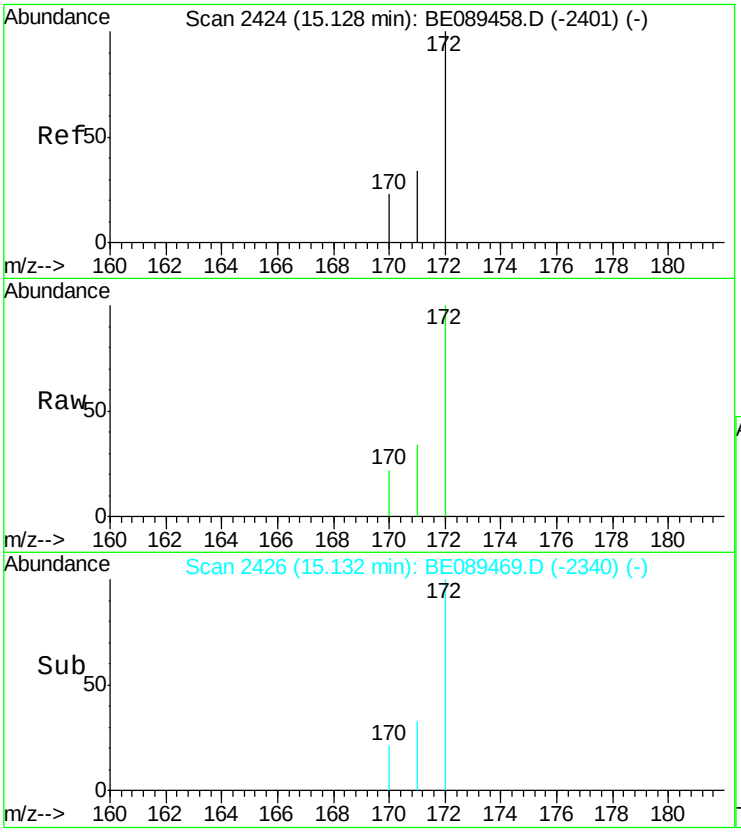


#14
2,4,6-Tribromophenol
Concen: 0.97 ng
RT: 18.59 min Scan# 3037
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:330 Resp: 1141

Ion	Ratio	Lower	Upper
330	100		
332	99.1	75.4	113.2
141	45.4	35.7	53.5



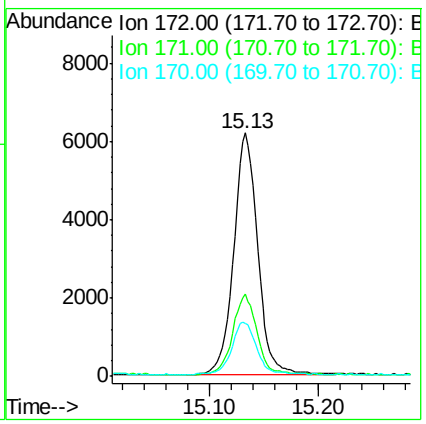


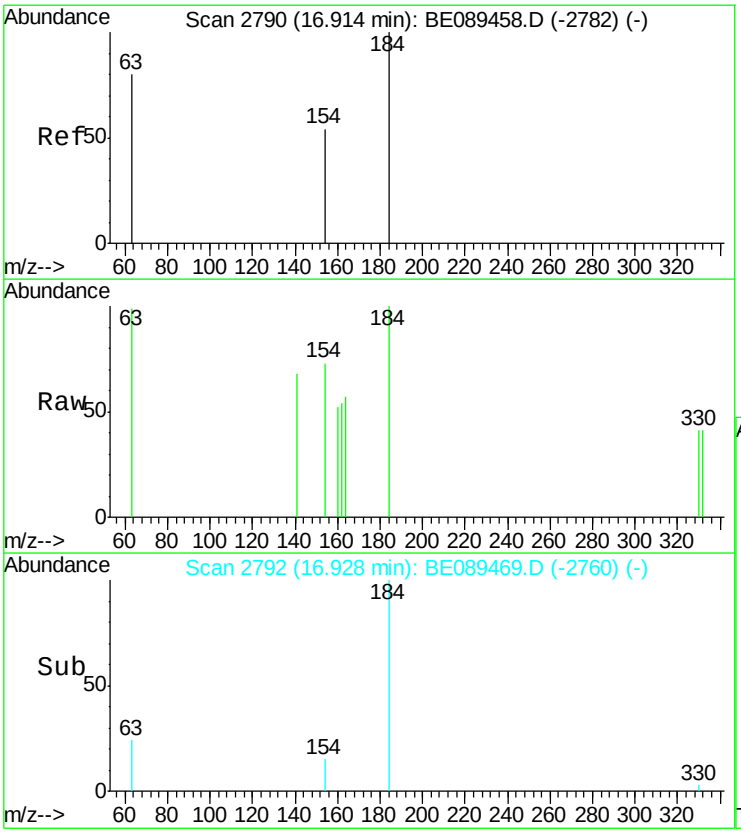
#15
2-Fluorobiphenyl
Concen: 0.72 ng
RT: 15.13 min Scan# 2426
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 9392

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.7	41.5
170	21.8	18.3	27.5

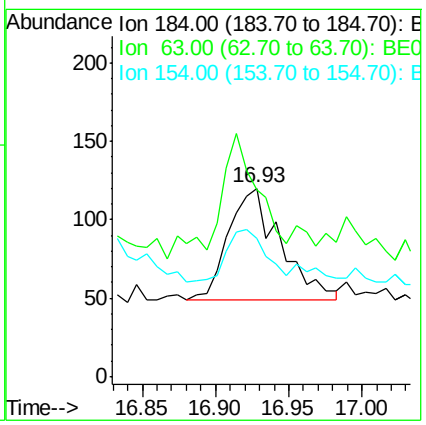


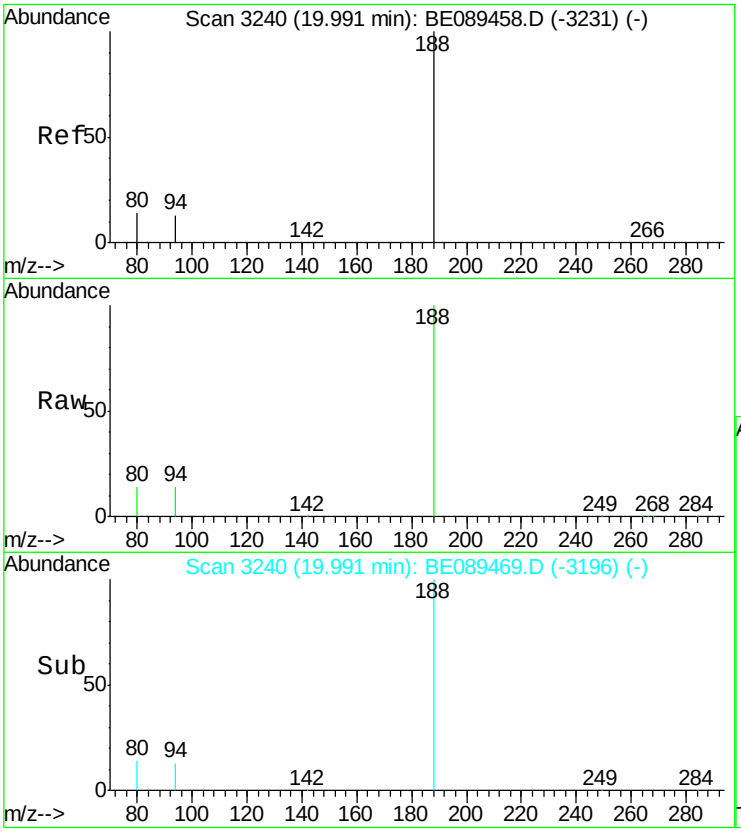


#16
2,4-Dinitrophenol
Concen: 0.63 ng
RT: 16.93 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:184 Resp: 175

Ion	Ratio	Lower	Upper
184	100		
63	99.2	77.0	115.6
154	73.3	54.0	81.0



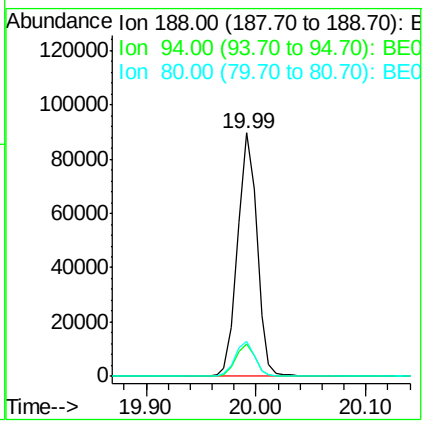


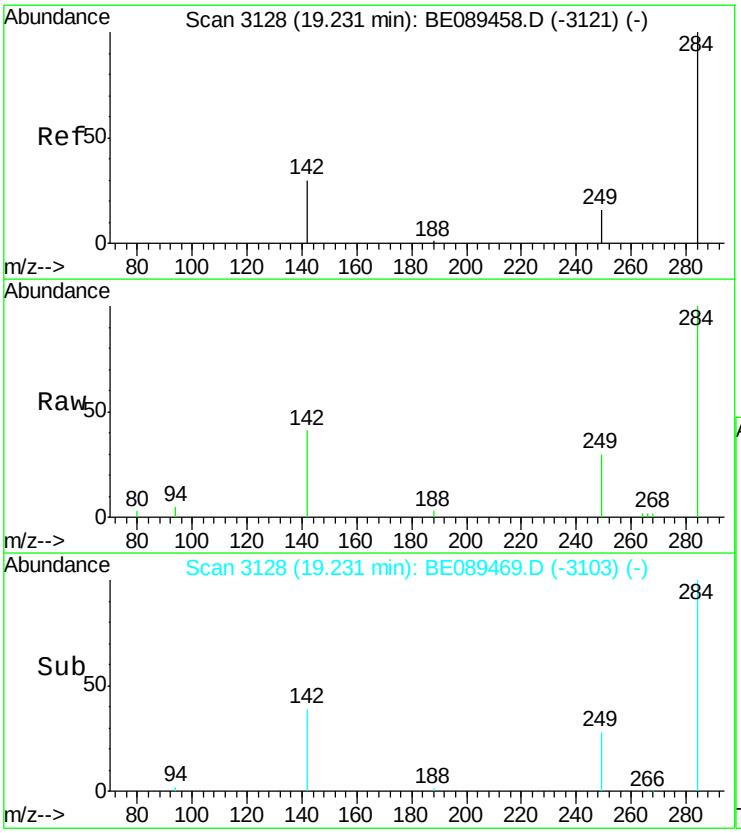
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 108338

Ion	Ratio	Lower	Upper
188	100		
94	13.6	10.2	15.4
80	14.3	10.9	16.3

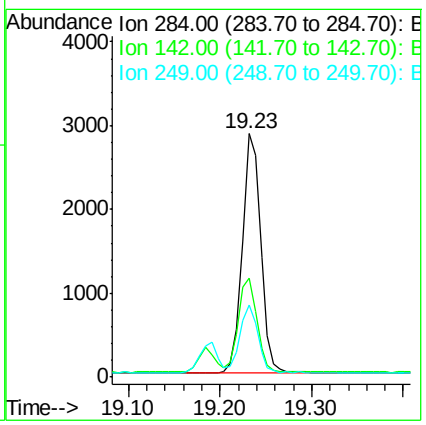


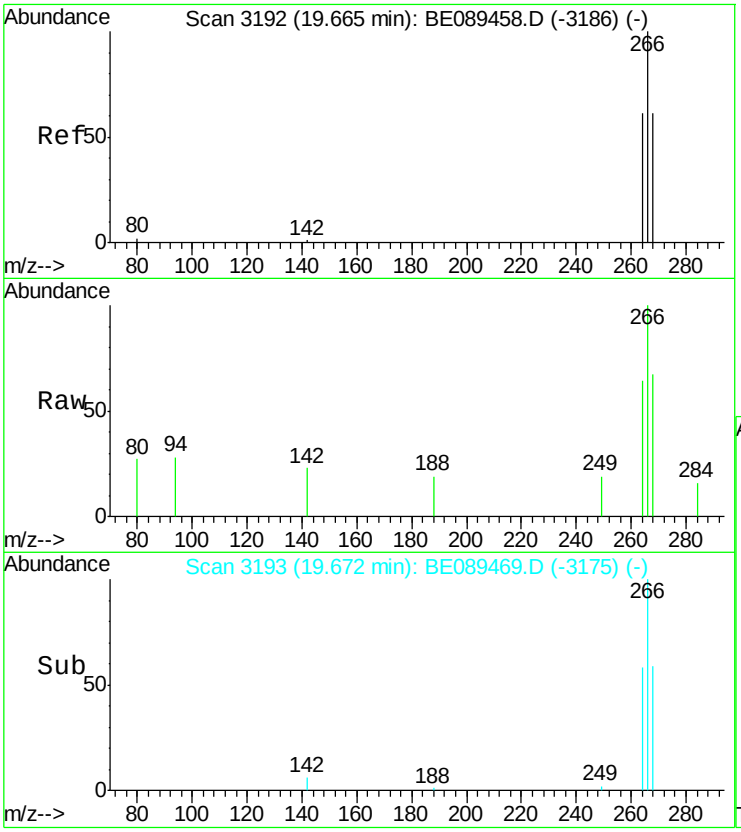


#18
Hexachlorobenzene
Concen: 0.70 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:284 Resp: 3962

Ion	Ratio	Lower	Upper
284	100		
142	40.5	31.8	47.8
249	29.5	23.5	35.3



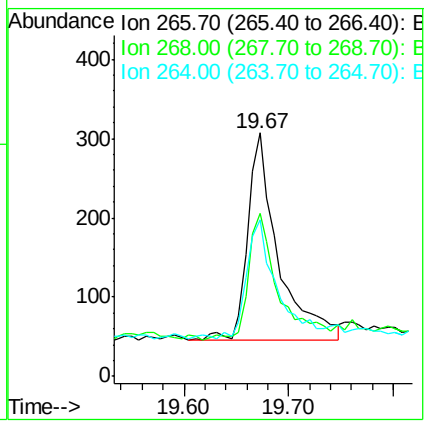


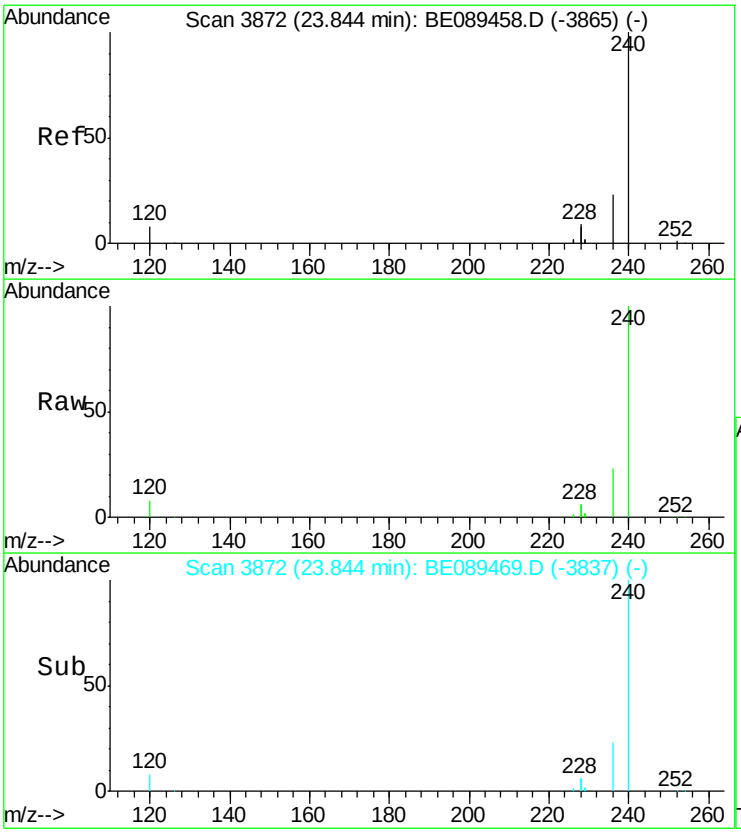
#19
Pentachlorophenol
Concen: 1.01 ng
RT: 19.67 min Scan# 3193
Delta R.T. 0.01 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 532

Ion	Ratio	Lower	Upper
266	100		
268	67.1	52.6	78.8
264	64.5	52.2	78.2

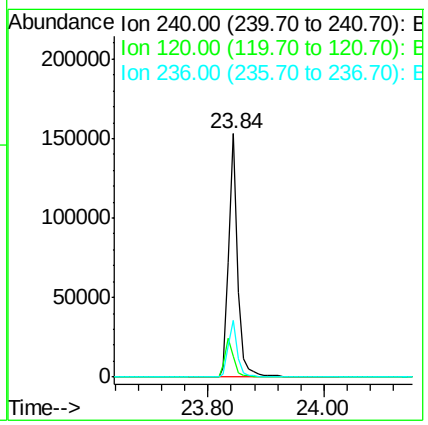


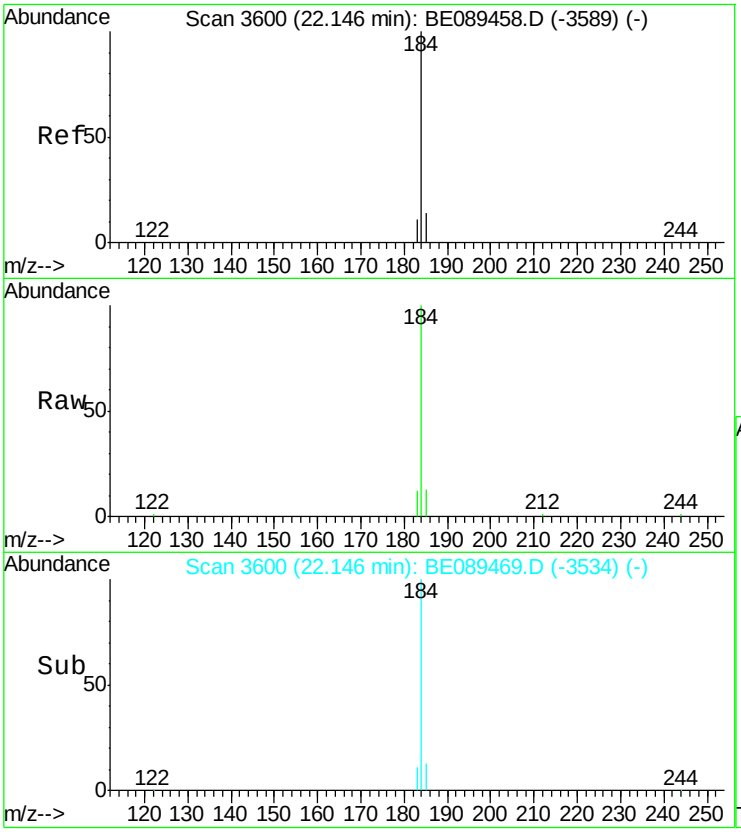


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:240 Resp: 162191

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.2	9.4
236	23.1	18.2	27.4



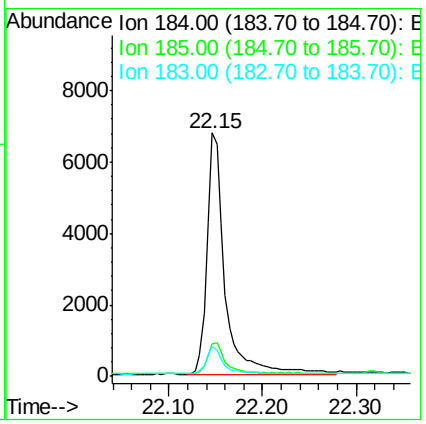


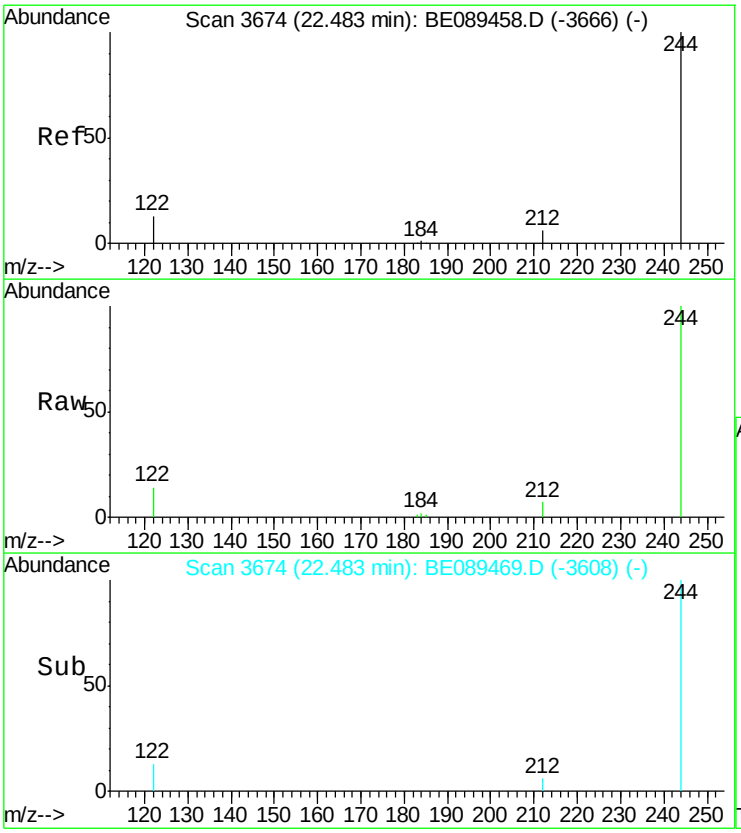
#21
Benzidine
Concen: 0.76 ng
RT: 22.15 min Scan# 3600
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 8976

Ion	Ratio	Lower	Upper
184	100		
185	13.3	11.7	17.5
183	12.0	9.4	14.0

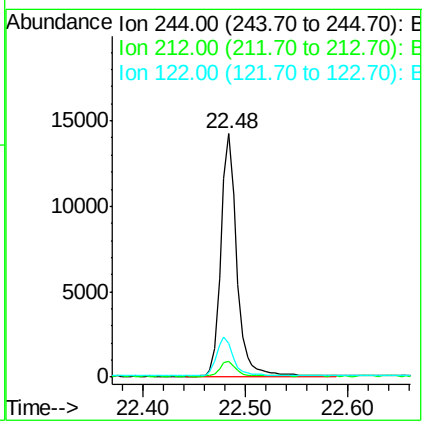


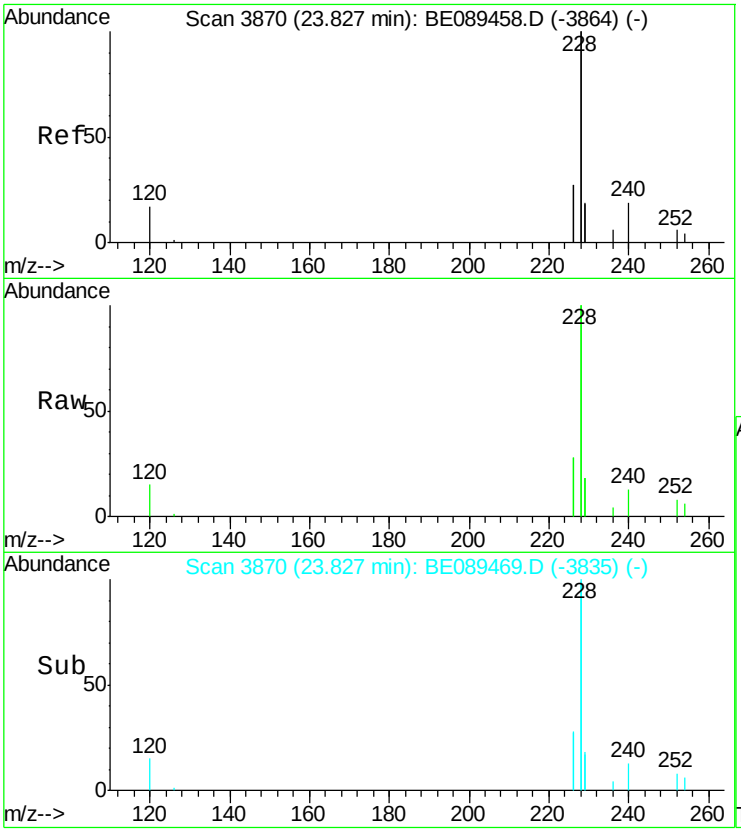


#22
Terphenyl-d14
Concen: 0.83 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:244 Resp: 15278

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.3	7.9
122	13.6	10.5	15.7



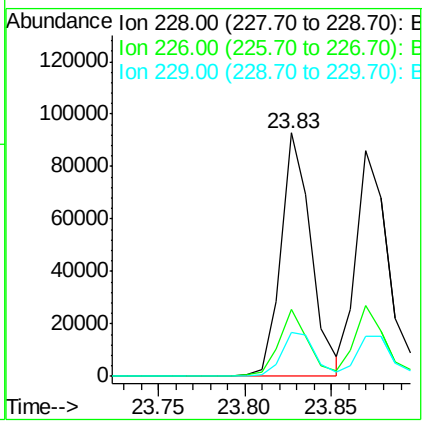


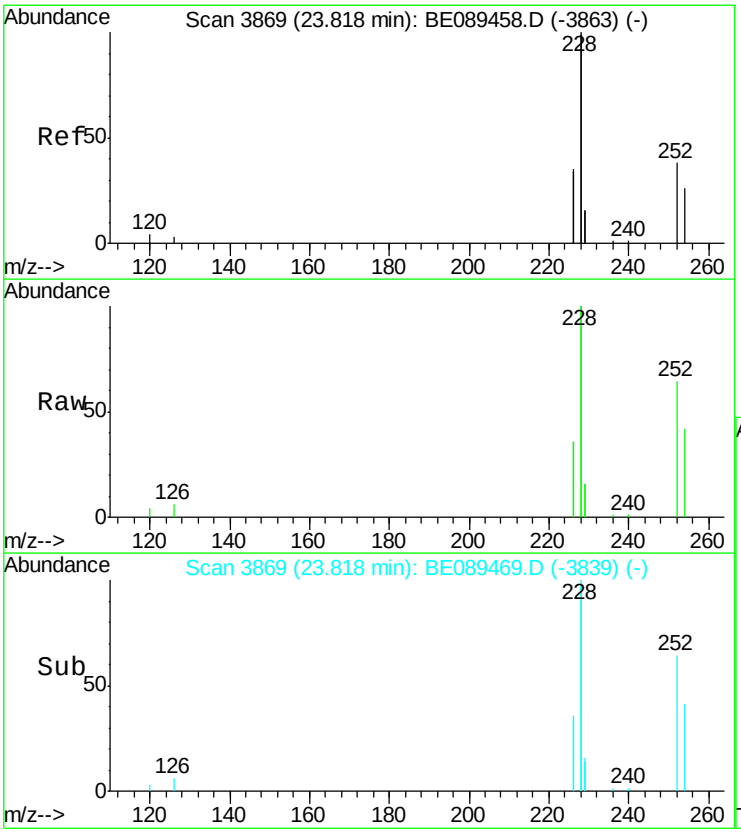
#23
Benzo(a)anthracene
Concen: 0.87 ng
RT: 23.83 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 112156

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.7	32.5
229	18.2	14.8	22.2

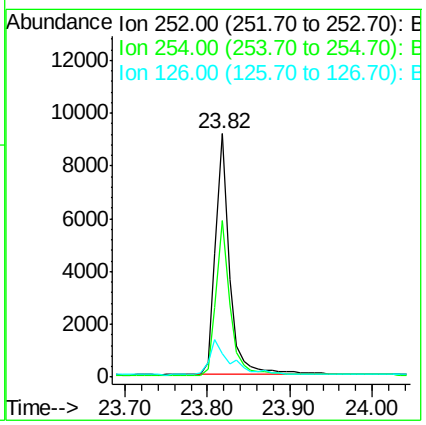


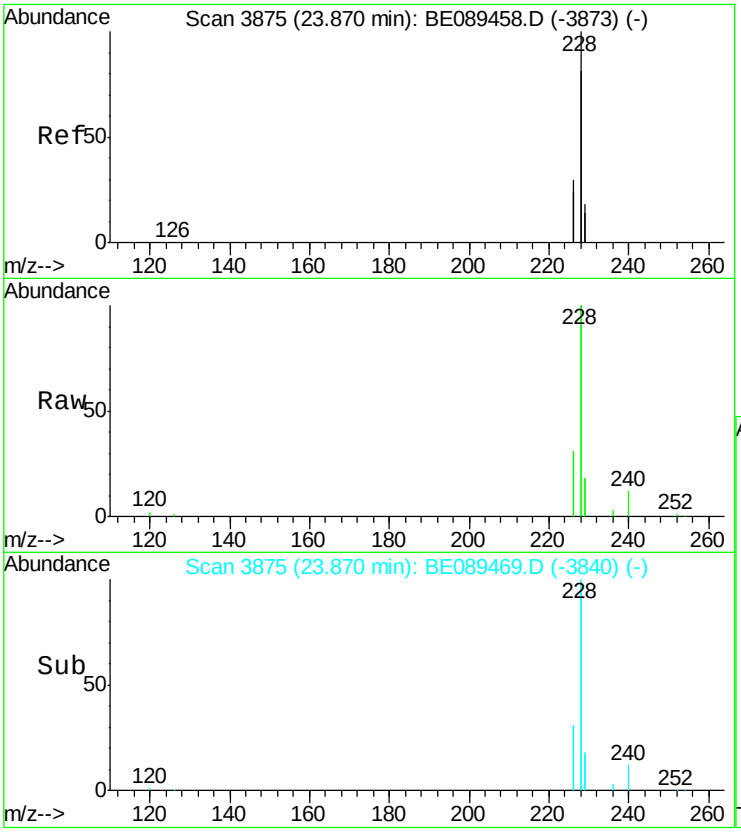


#24
3,3'-Dichlorobenzidine
Concen: 0.88 ng
RT: 23.82 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:252 Resp: 10844

Ion	Ratio	Lower	Upper
252	100		
254	64.4	54.6	82.0
126	9.8	8.0	12.0



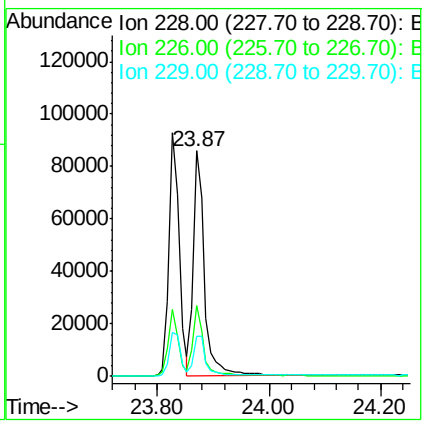


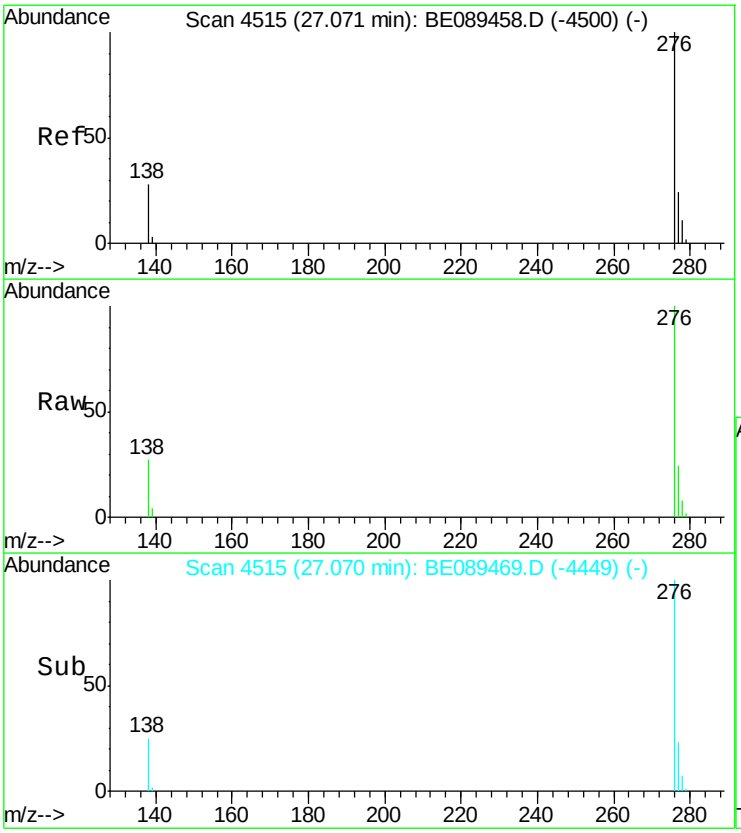
#25
Chrysene
Concen: 0.75 ng
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 118784

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.8	35.8
229	17.8	14.3	21.5

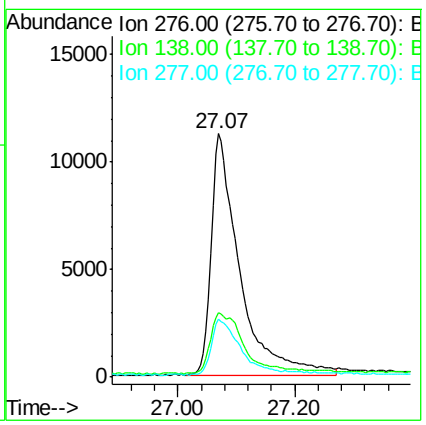


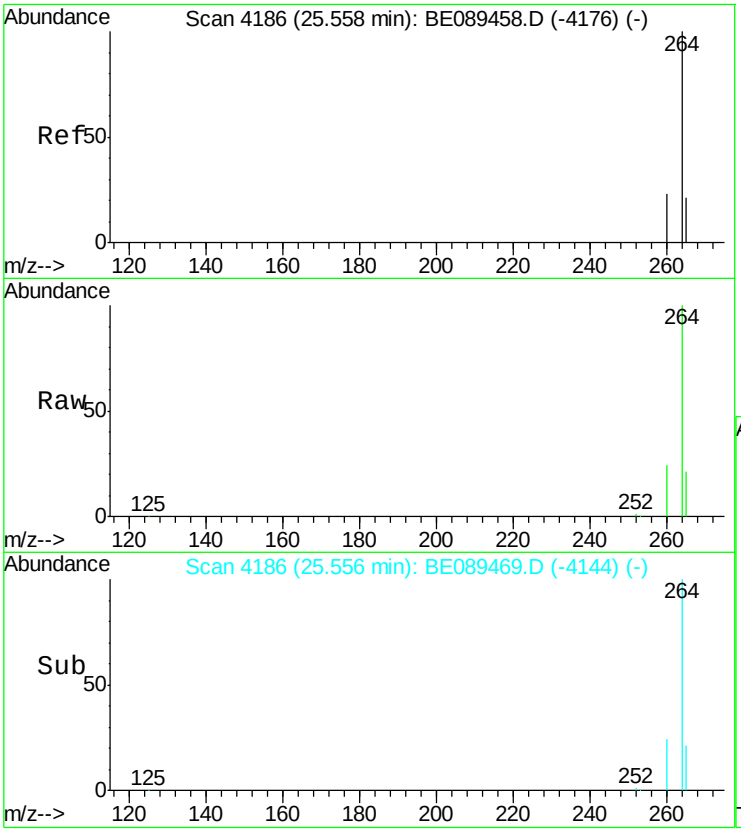


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.75 ng
RT: 27.07 min Scan# 4515
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:276 Resp: 38123

Ion	Ratio	Lower	Upper
276	100		
138	30.5	23.3	34.9
277	24.8	19.0	28.4



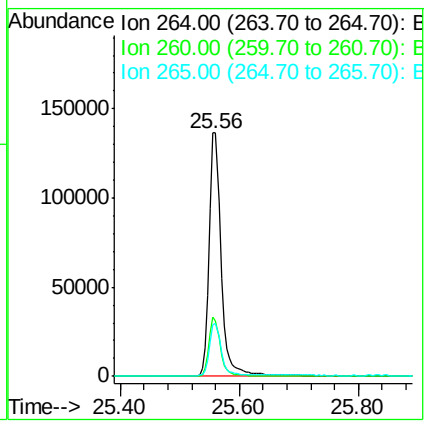


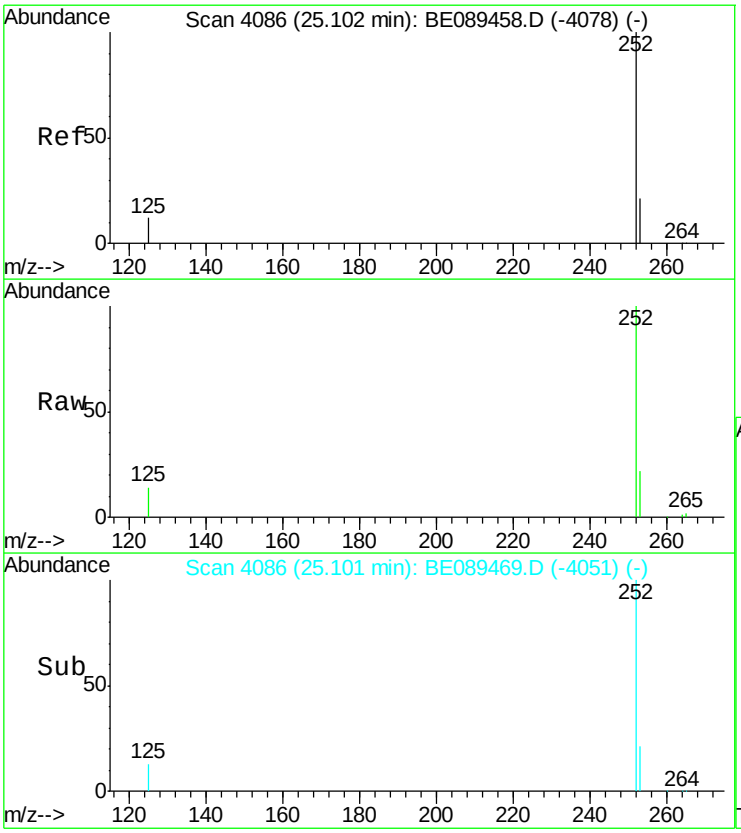
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.56 min Scan# 4186
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 188044

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.1	17.0	25.6

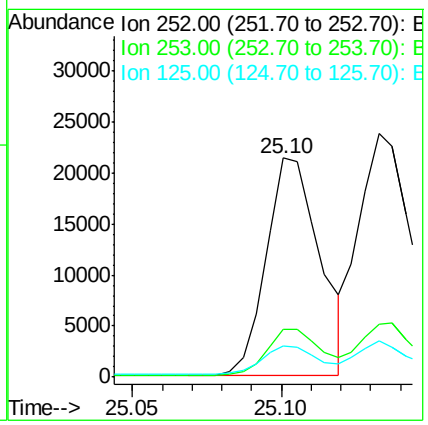


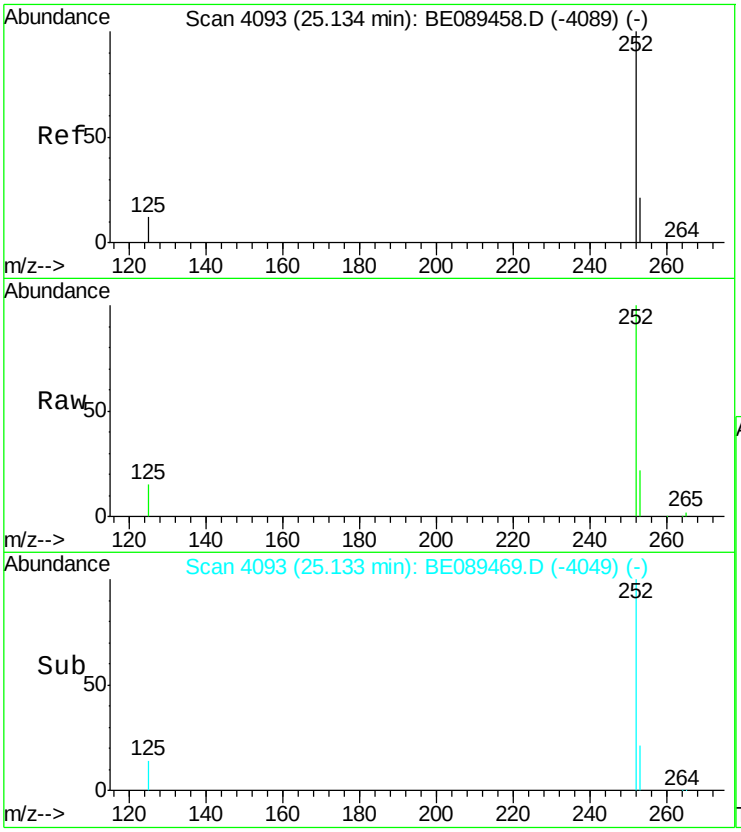


#28
Benzo(b)fluoranthene
Concen: 0.94 ng
RT: 25.10 min Scan# 4086
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:252 Resp: 26637

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	14.0	10.4	15.6



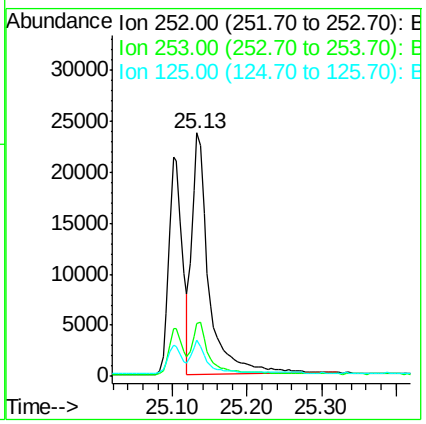


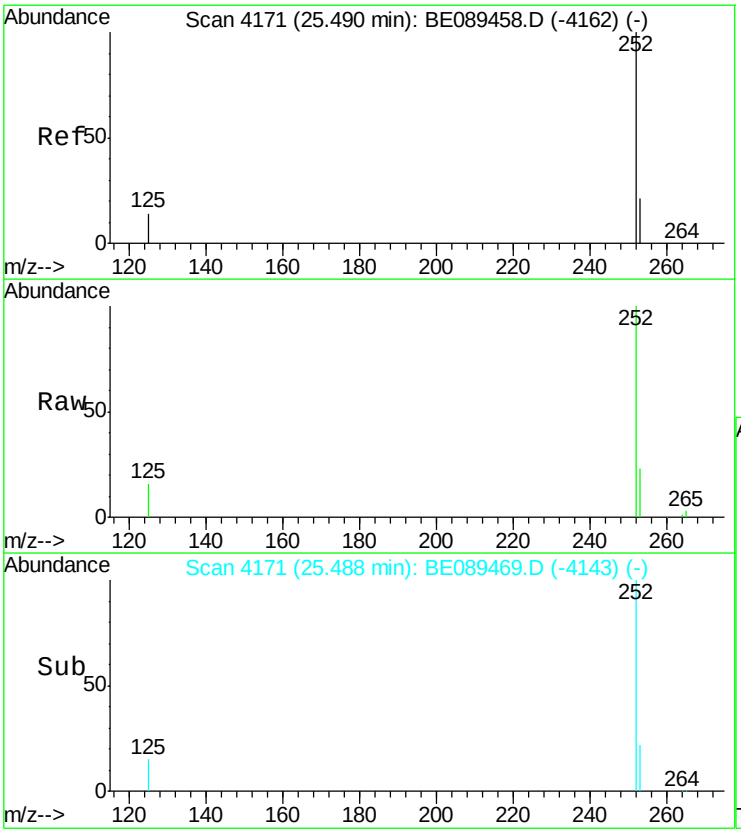
#29
Benzo(k)fluoranthene
Concen: 0.80 ng
RT: 25.13 min Scan# 4093
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 37494

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.5	26.3
125	14.7	10.3	15.5

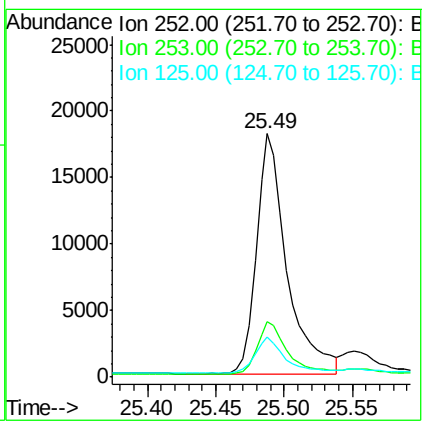


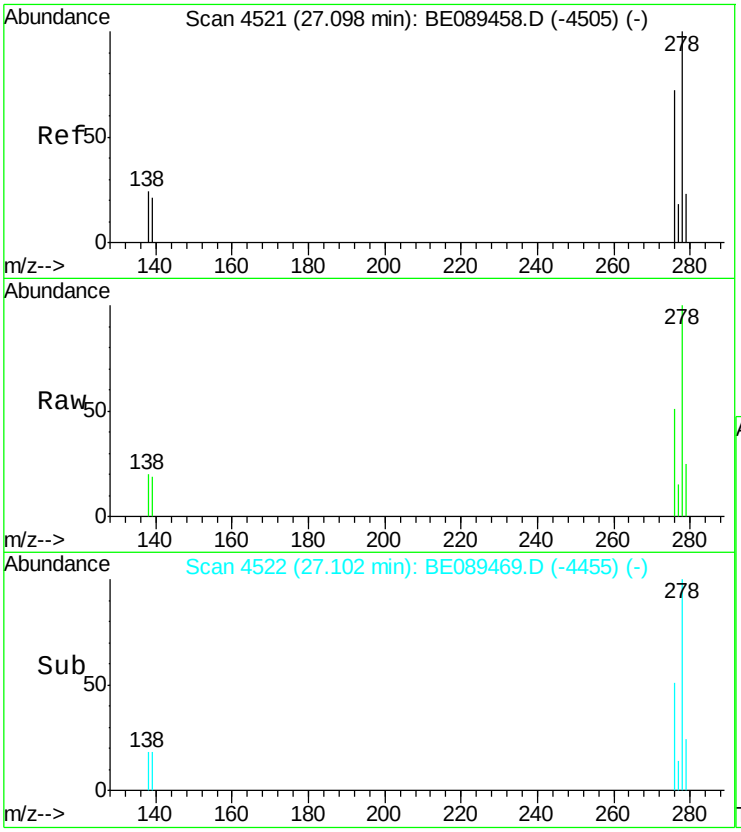


#30
Benzo(a)pyrene
Concen: 0.90 ng
RT: 25.49 min Scan# 4171
Delta R.T. -0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Tgt Ion:252 Resp: 28166

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	16.3	11.8	17.8





#31
Dibenzo(a,h)anthracene
Concen: 0.82 ng
RT: 27.10 min Scan# 4522
Delta R.T. 0.00 min
Lab File: BE089469.D
Acq: 2 Feb 2015 23:44

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 32782

Ion	Ratio	Lower	Upper
278	100		
139	19.4	17.1	25.7
279	24.5	18.8	28.2