Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
Data File : BE089498.D
Acq On : 4 Feb 2015 15:58
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001EC

Quant Time: Feb 04 17:30:59 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 00:53:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.53	152	50986	5.00	ng		0.00
7) Naphthalene-d8	12.43	136	205205	5.00	ng		0.00
13) Acenaphthene-d10	16.62	164	87479	5.00	ng		0.00
17) Phenanthrene-d10	19.94	188	164510	5.00	ng		0.00
20) Chrysene-d12	23.79	240	153355	5.00	ng		0.00
27) Perylene-d12	25.49	264	149764	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	15627	0.95	ng		0.02
4) Phenol-d6	8.86	99	19872	0.96	ng		0.03
8) Nitrobenzene-d5	10.79	82	15144	0.98	ng		0.00
14) 2,4,6-Tribromophenol	18.52	330	2501	0.82	ng		0.01
15) 2-Fluorobiphenyl	15.06	172	23759	1.03	ng		0.00
22) Terphenyl-d14	22.43	244	23480	1.08	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.56	42	8826	0.93	ng	#	85
5) Phenol	8.90	94	19641	0.87	ng	#	63
6) bis(2-Chloroethyl)ether	9.01	93	15791	0.96	ng	#	99
9) Nitrobenzene	10.84	77	17312	0.97	ng		99
10) 2,4-Dimethylphenol	11.79	122	12432	0.97	ng		99
11) 2,4-Dichlorophenol	12.17	162	9248	0.97	ng		98
12) Hexachlorobutadiene	12.81	225	6286	0.99	ng		98
16) 2,4-Dinitrophenol	16.85	184	48	0.49	ng	#	65
18) Hexachlorobenzene	19.17	284	8577	1.01	ng	#	88
19) Pentachlorophenol	19.62	266	215	0.47	ng		95
21) Benzidine	22.10	184	9387	1.31	ng		99
23) Benzo(a)anthracene	23.77	228	138435	1.02	ng		98
24) 3,3'-Dichlorobenzidine	23.77	252	11322	0.99	ng	#	94
25) Chrysene	23.82	228	141233	0.99	ng		96
26) Indeno(1,2,3-cd)pyrene	26.97	276	39120	1.09	ng		99
28) Benzo(b)fluoranthene	25.04	252	29230	1.01	ng		98
29) Benzo(k)fluoranthene	25.08	252	38336	0.99	ng		99
30) Benzo(a)pyrene	25.42	252	28642	1.01	ng		98
31) Dibenzo(a,h)anthracene	27.00	278	32699	1.05	ng		99

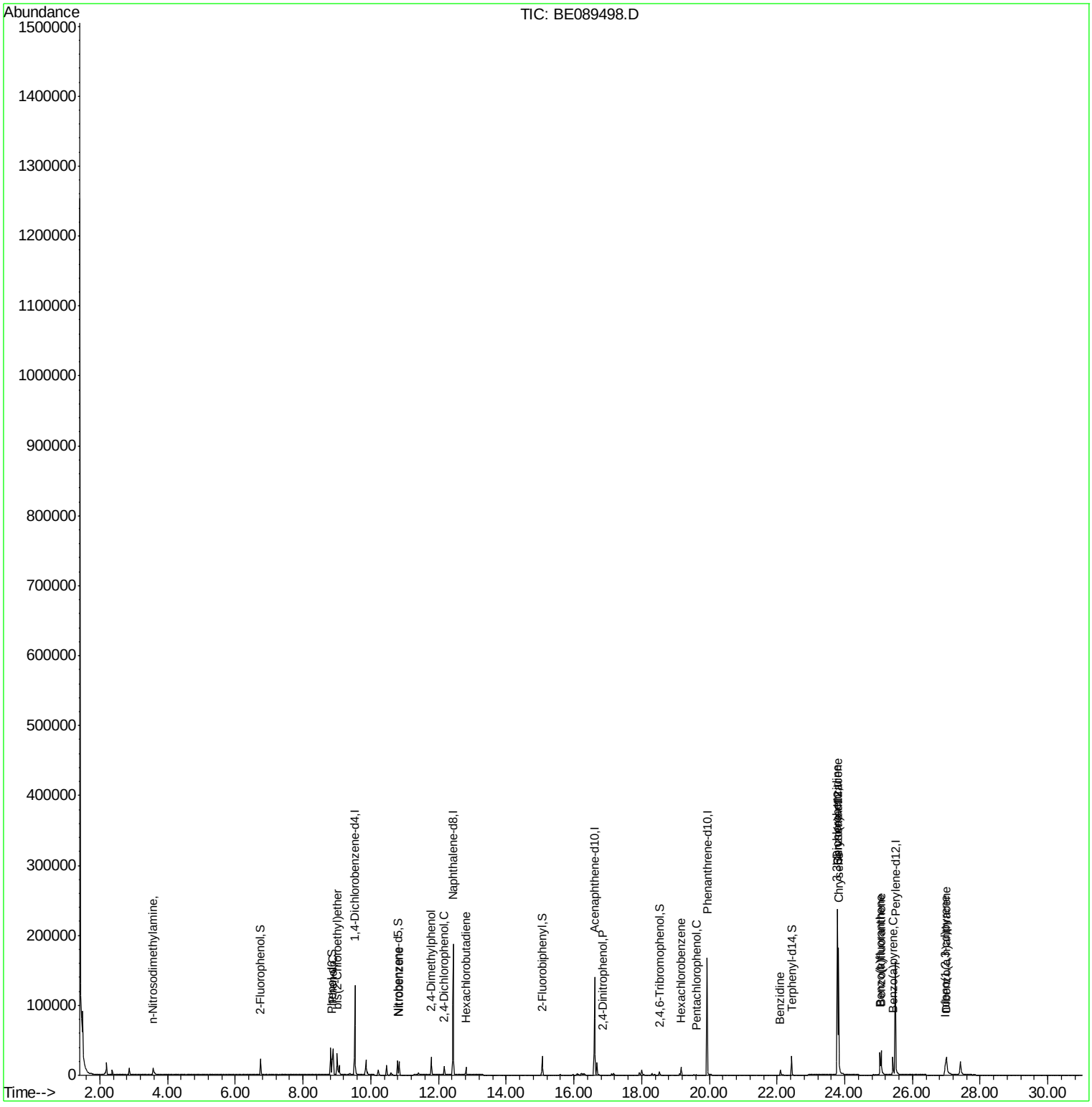
(#) = qualifier out of range (m) = manual integration (+) = signals summed

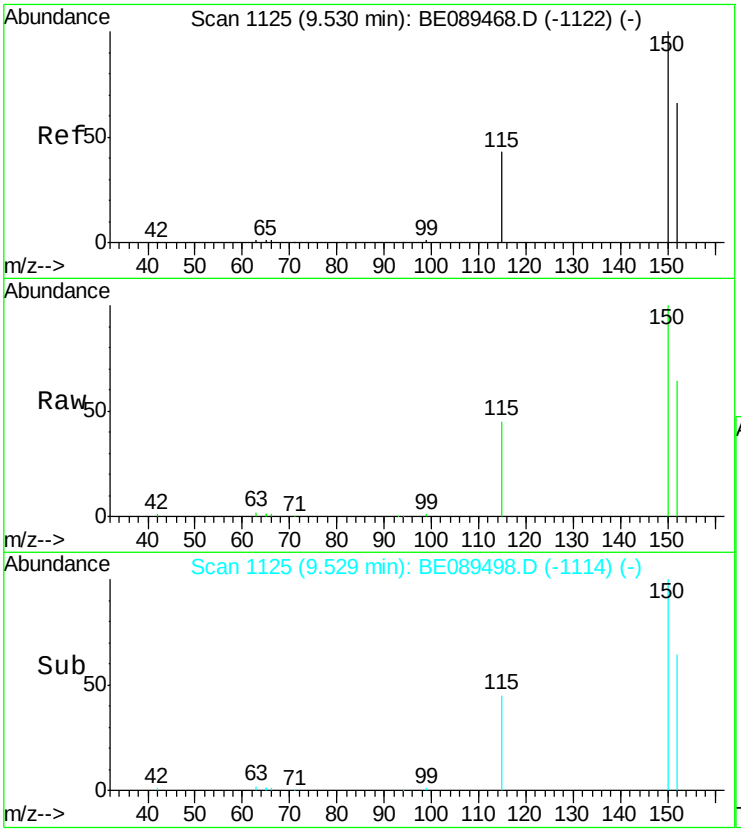
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020415\
Data File : BE089498.D
Acq On : 4 Feb 2015 15:58
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Quant Time: Feb 04 17:30:59 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 00:53:32 2015
Response via : Initial Calibration



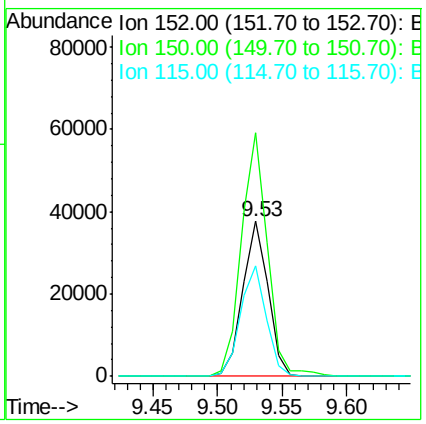


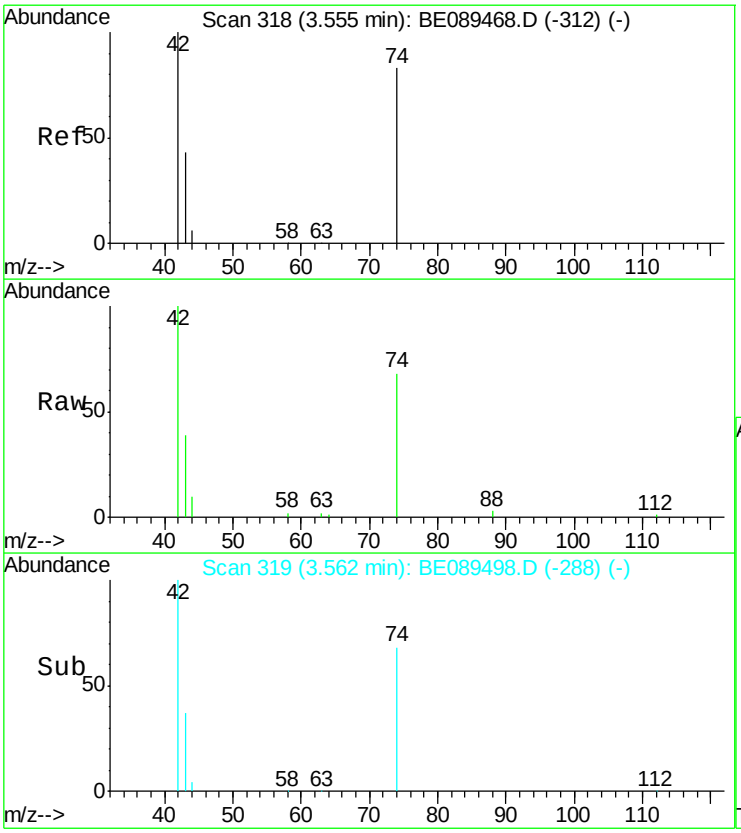
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.53 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:152 Resp: 50986

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.1	183.1
115	71.2	53.2	79.8

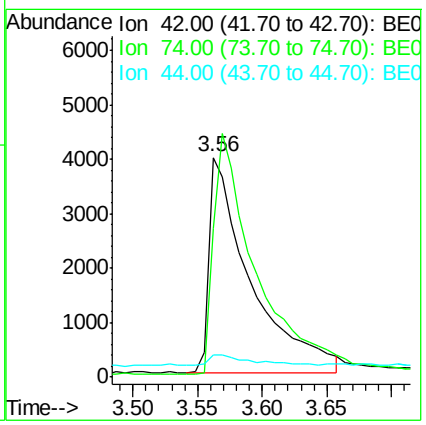


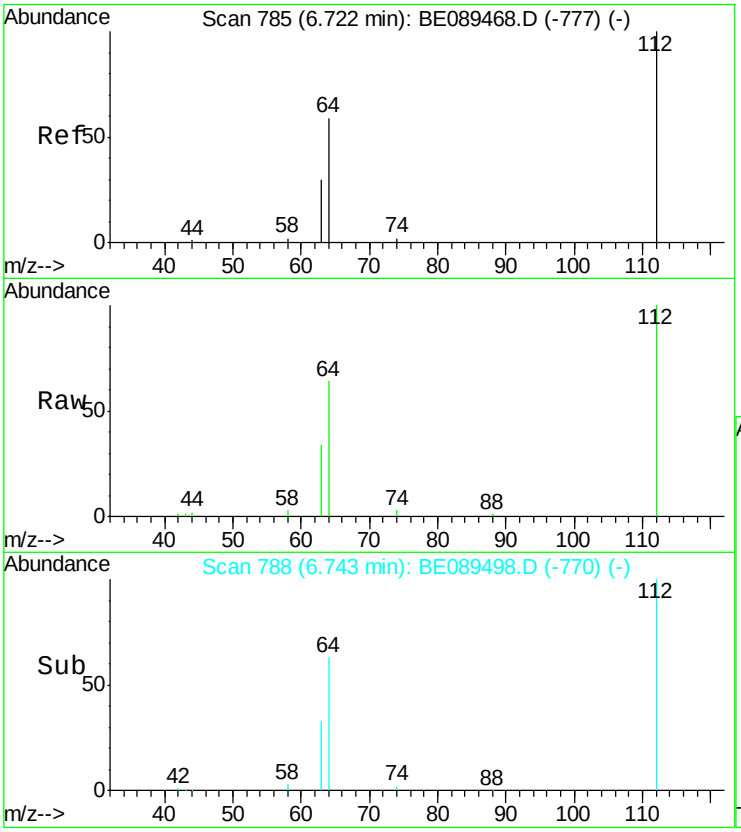


#2
n-Nitrosodimethylamine
Concen: 0.93 ng
RT: 3.56 min Scan# 319
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion: 42 Resp: 8826

Ion	Ratio	Lower	Upper
42	100		
74	67.7	65.4	98.2
44	10.3	11.7	17.5#



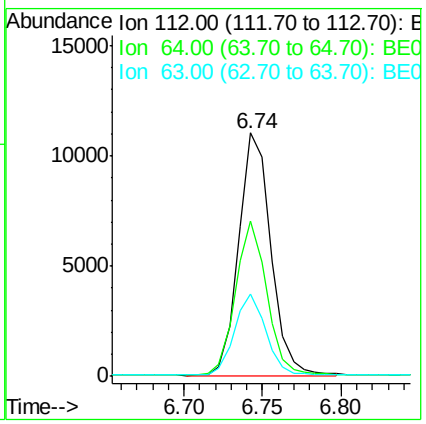


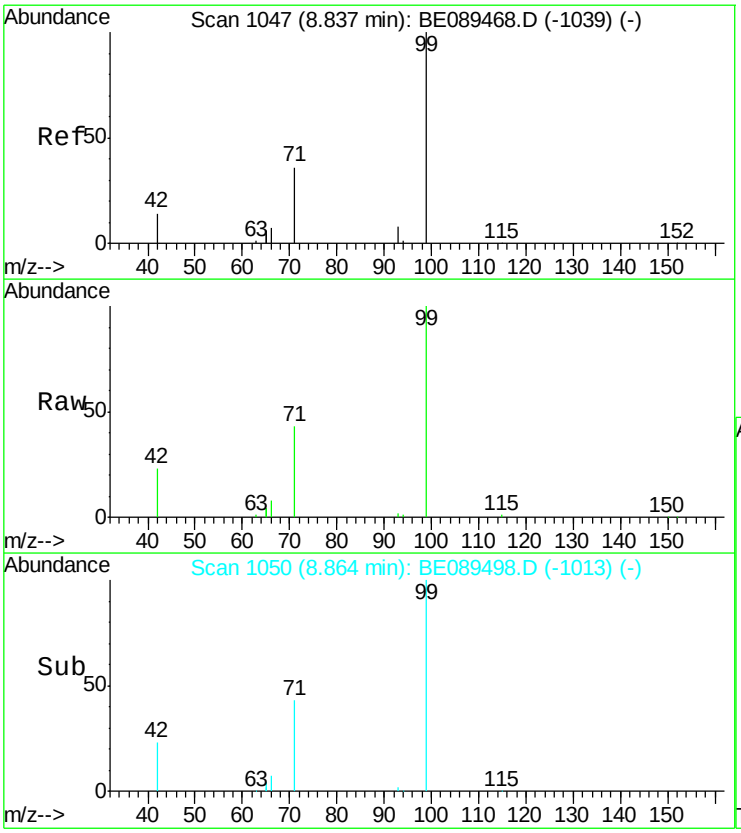
#3
2-Fluorophenol
Concen: 0.95 ng
RT: 6.74 min Scan# 788
Delta R.T. 0.02 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:112 Resp: 15627

Ion	Ratio	Lower	Upper
112	100		
64	63.7	47.0	70.6
63	33.8	24.2	36.2

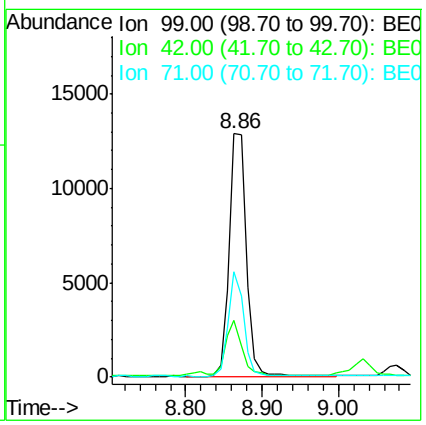


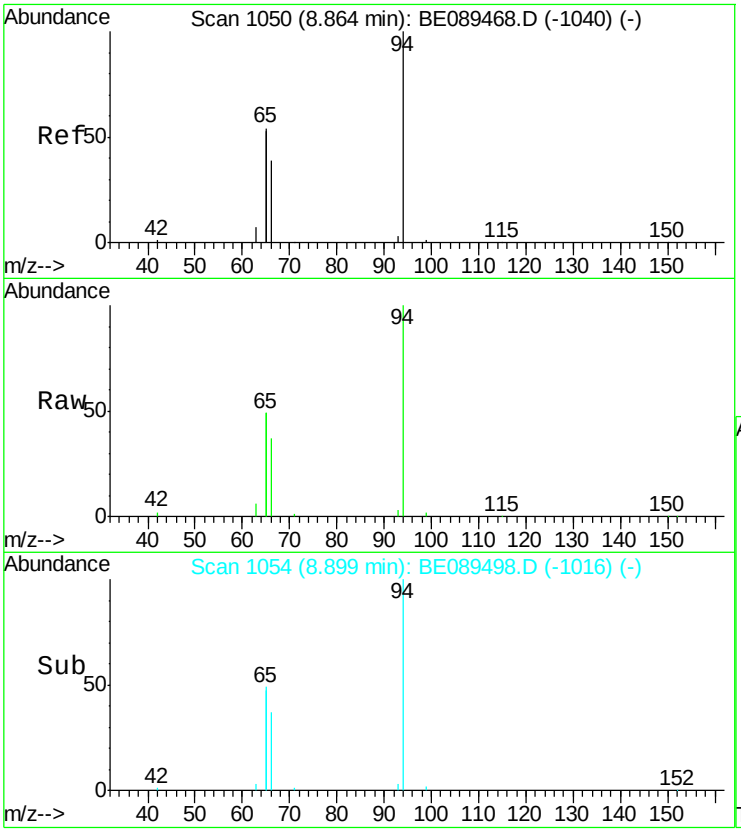


#4
Phenol-d6
Concen: 0.96 ng
RT: 8.86 min Scan# 1050
Delta R.T. 0.03 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion: 99 Resp: 19872

Ion	Ratio	Lower	Upper
99	100		
42	23.5	11.8	17.6#
71	43.4	28.7	43.1#



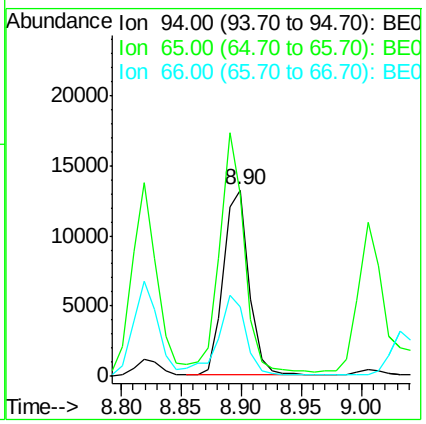


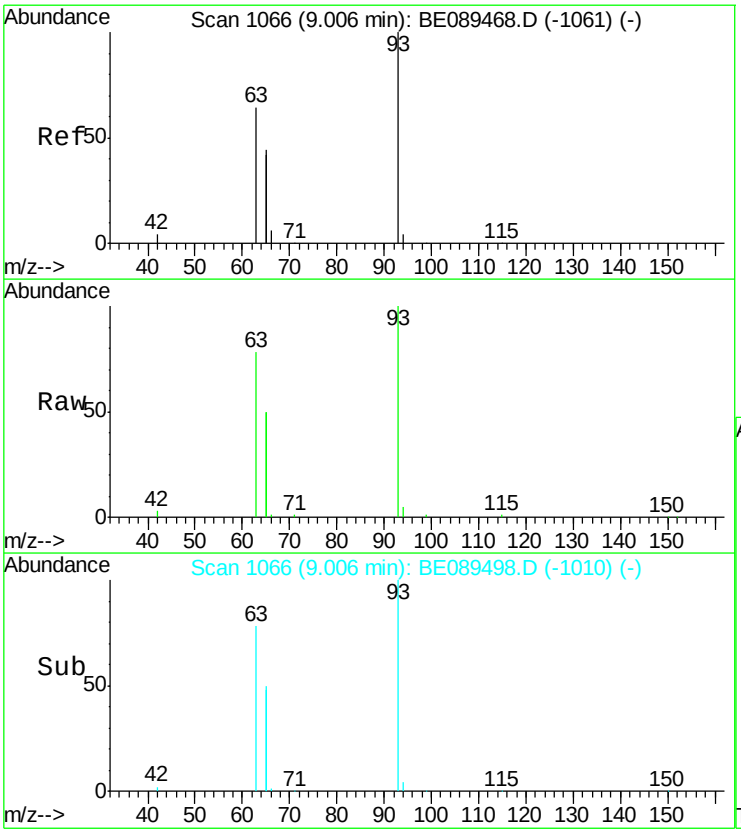
#5
Phenol
Concen: 0.87 ng
RT: 8.90 min Scan# 1054
Delta R.T. 0.04 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 94 Resp: 19641

Ion	Ratio	Lower	Upper
94	100		
65	97.8	33.9	73.9#
66	37.1	19.1	59.1

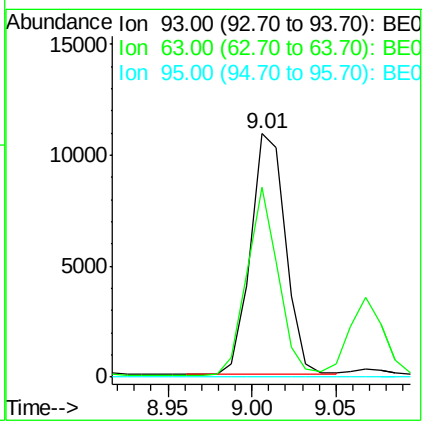


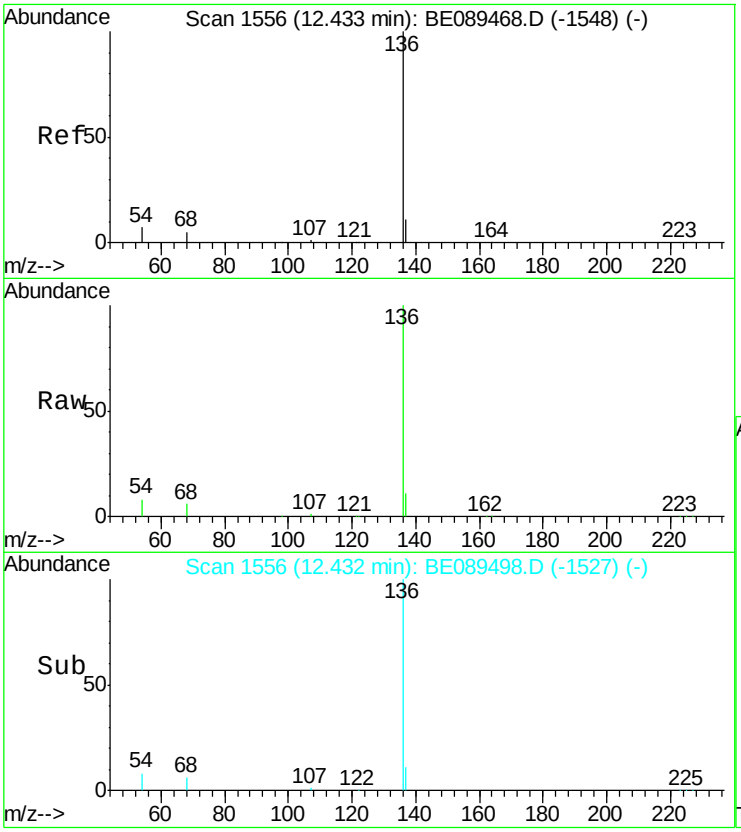


#6
bis(2-Chloroethyl)ether
Concen: 0.96 ng
RT: 9.01 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion: 93 Resp: 15791

Ion	Ratio	Lower	Upper
93	100		
63	70.2	57.0	85.6
95	0.0	0.0	0.0



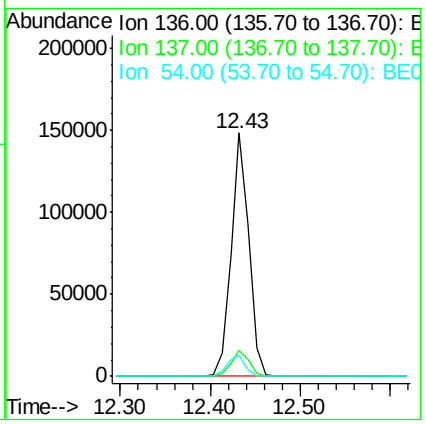


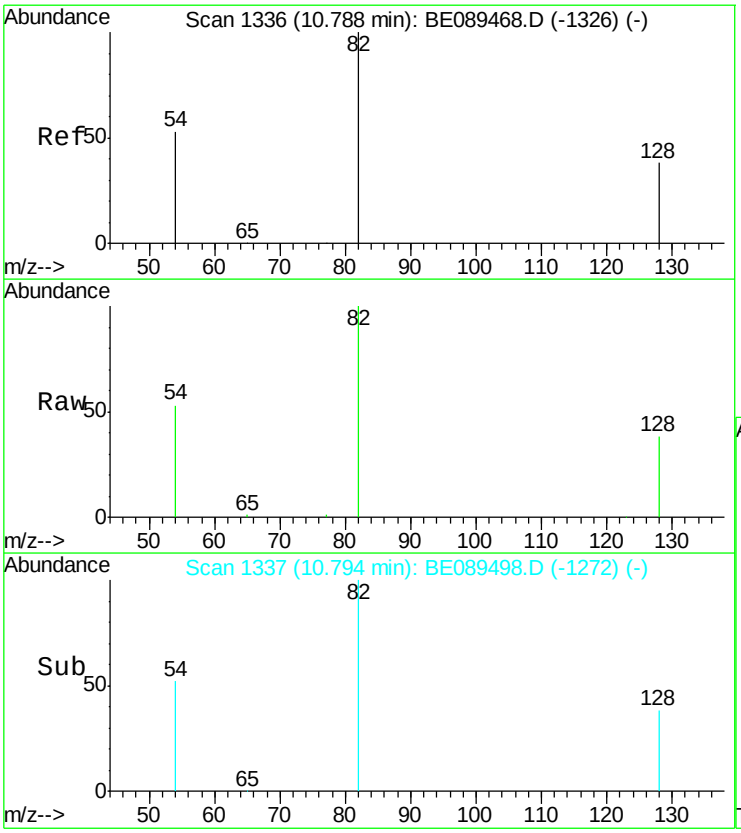
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.43 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:136 Resp: 205205

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.4	5.4	8.0#

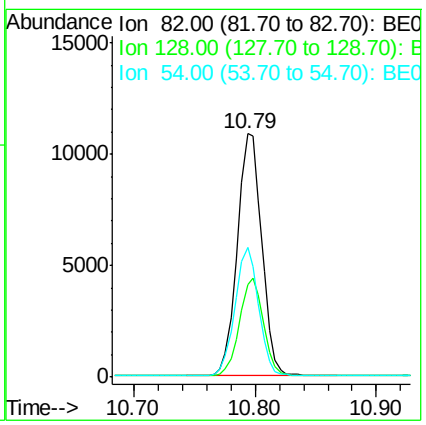


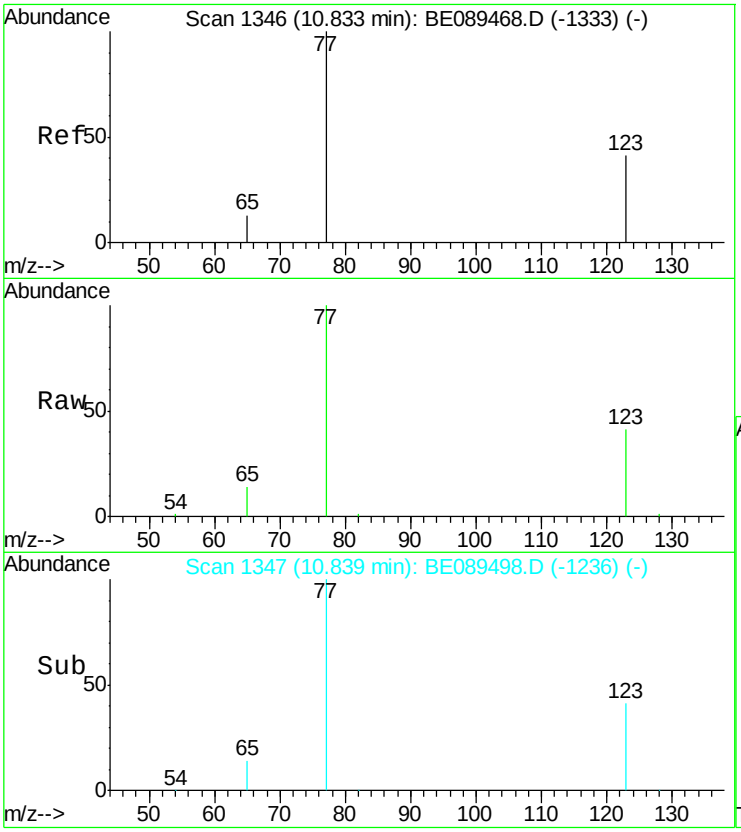


#8
Nitrobenzene-d5
Concen: 0.98 ng
RT: 10.79 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion: 82 Resp: 15144

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.3	45.5
54	53.0	43.1	64.7



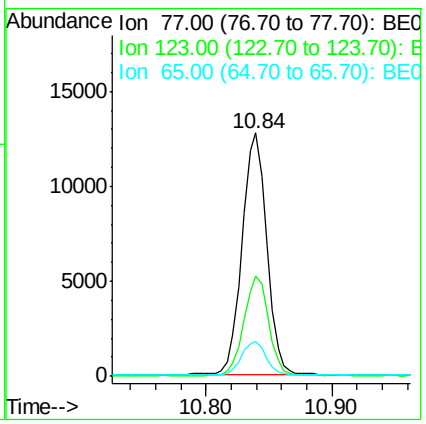


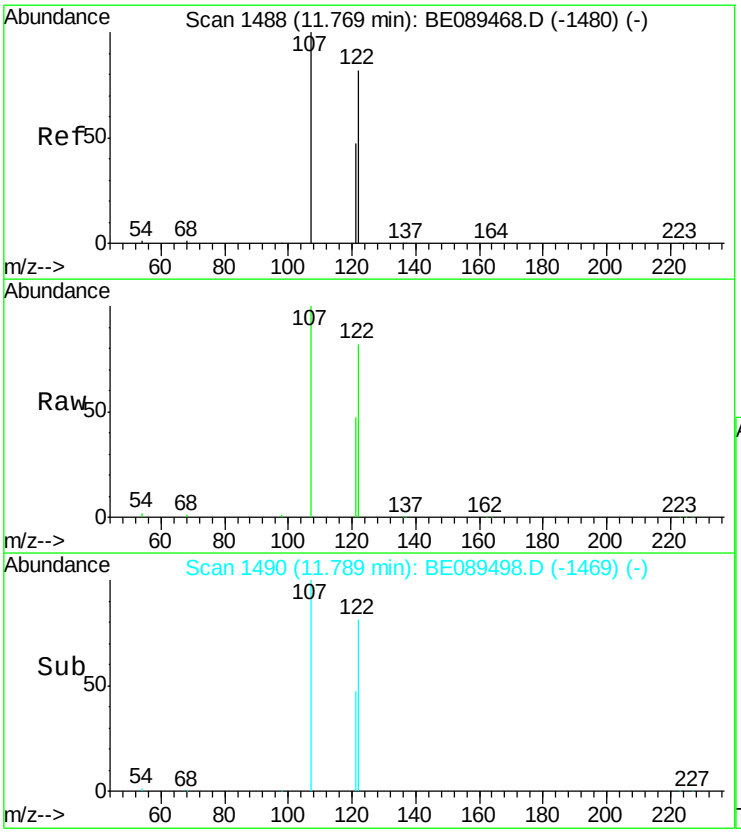
#9
Nitrobenzene
Concen: 0.97 ng
RT: 10.84 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 77 Resp: 17312

Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.4	50.0
65	14.0	10.9	16.3

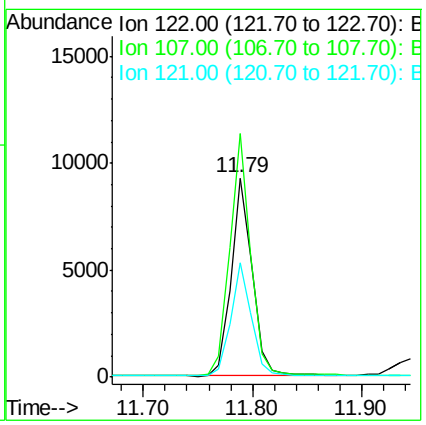


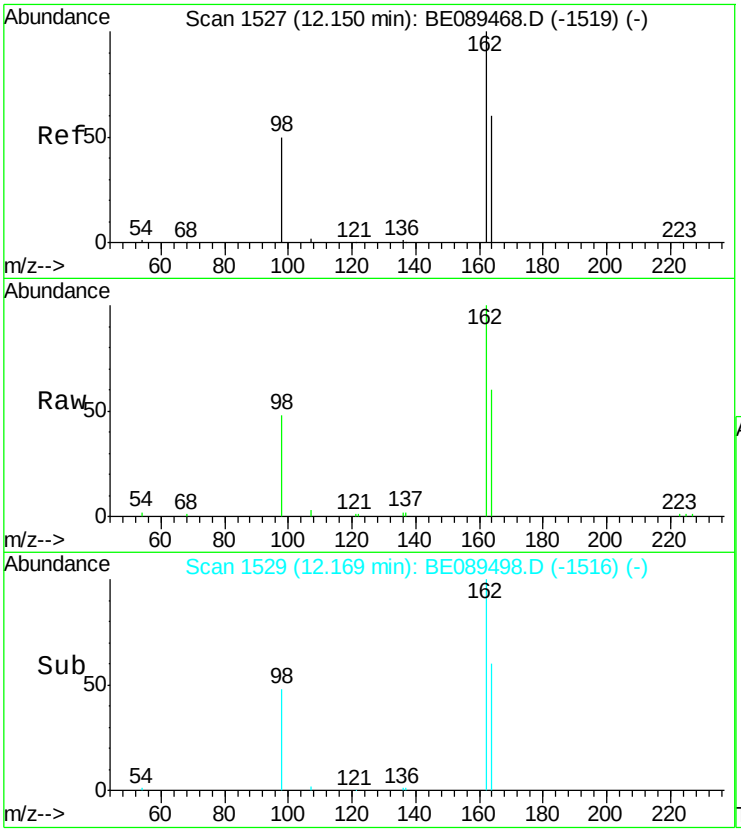


#10
2,4-Dimethylphenol
Concen: 0.97 ng
RT: 11.79 min Scan# 1490
Delta R.T. 0.02 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:122 Resp: 12432

Ion	Ratio	Lower	Upper
122	100		
107	122.4	97.3	145.9
121	57.2	46.4	69.6



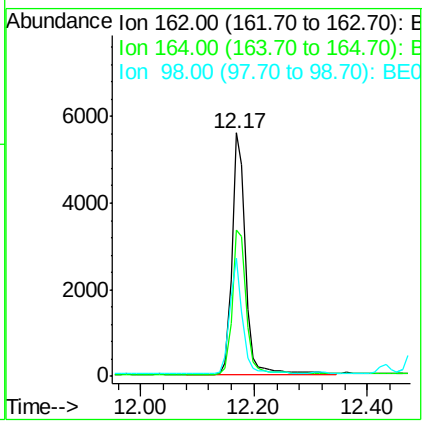


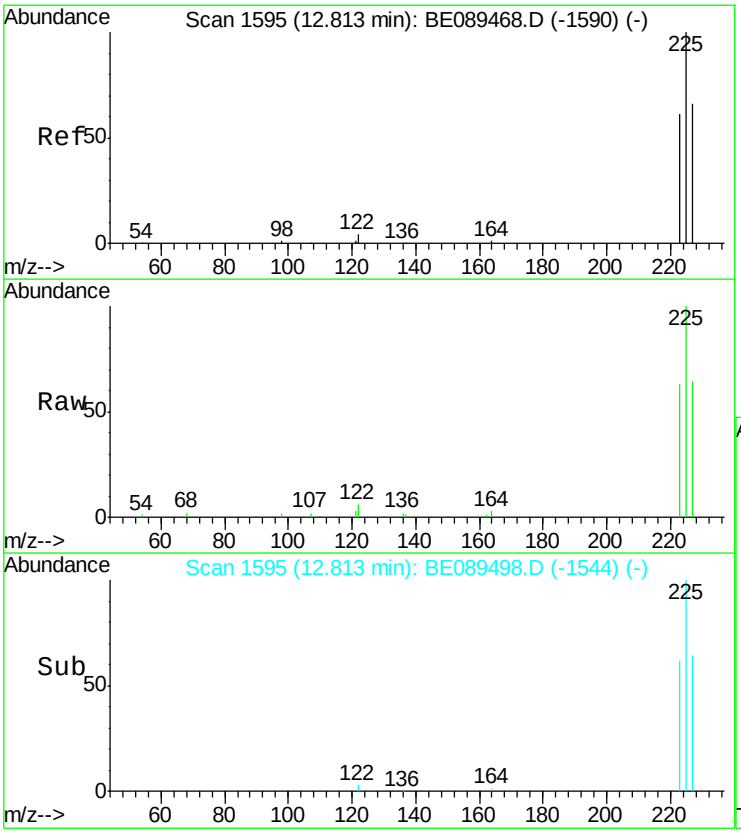
#11
2,4-Dichlorophenol
Concen: 0.97 ng
RT: 12.17 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:162 Resp: 9248

Ion	Ratio	Lower	Upper
162	100		
164	60.4	39.9	79.9
98	48.3	31.3	71.3

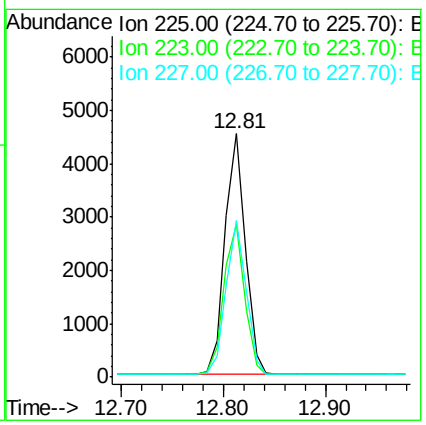


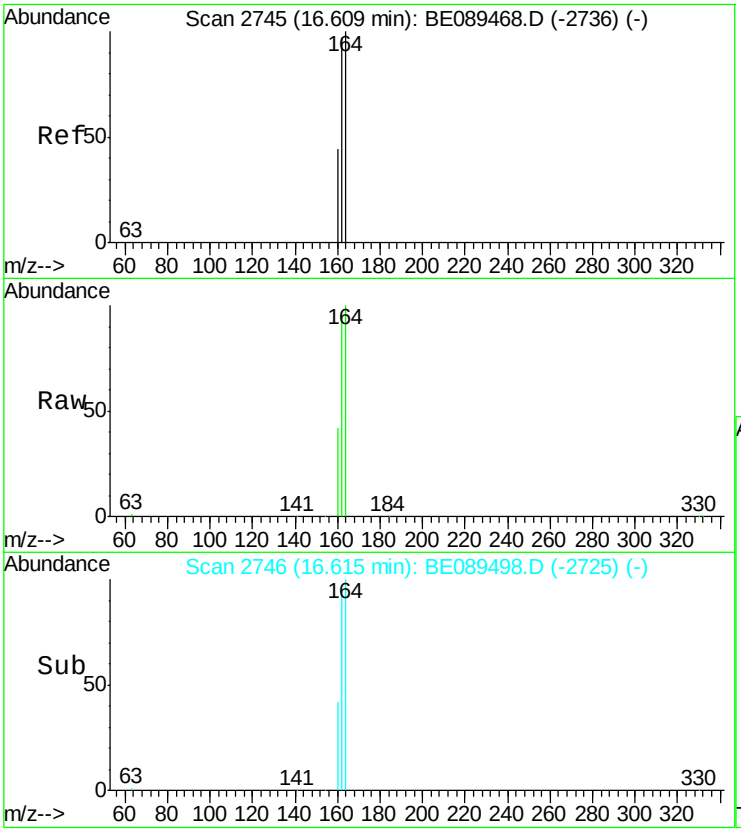


#12
Hexachlorobutadiene
Concen: 0.99 ng
RT: 12.81 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:225 Resp: 6286

Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.4	74.0
227	63.2	51.2	76.8



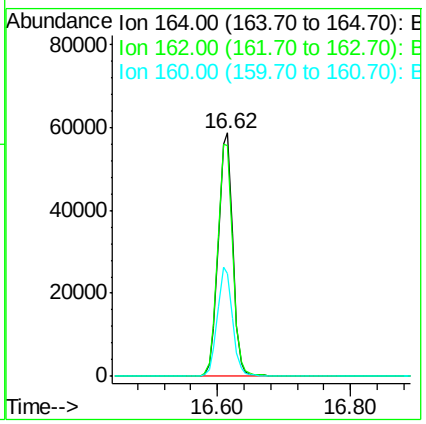


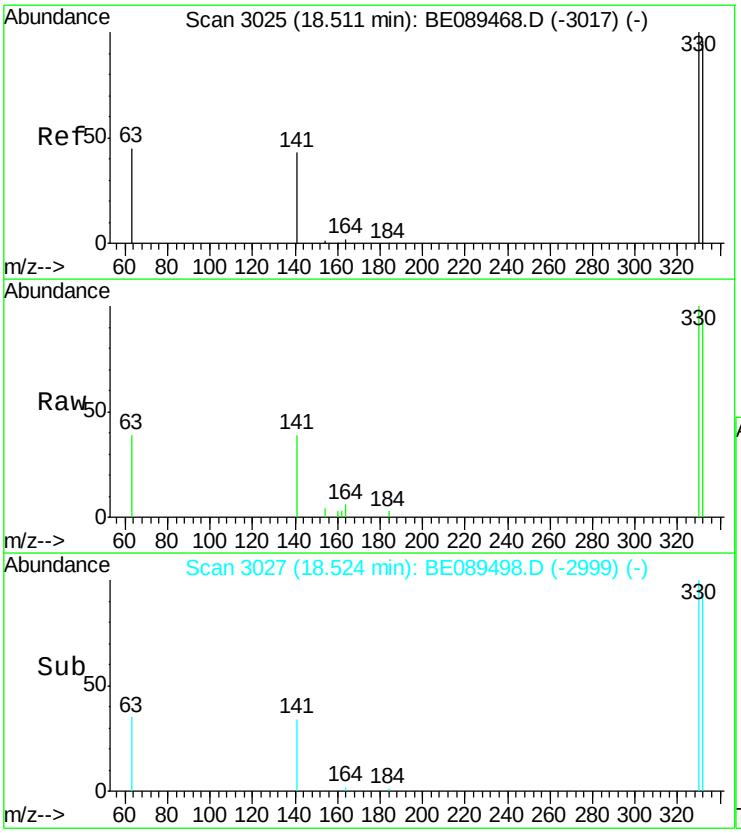
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2746
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:164 Resp: 87479

Ion	Ratio	Lower	Upper
164	100		
162	94.6	77.6	116.4
160	42.5	35.6	53.4

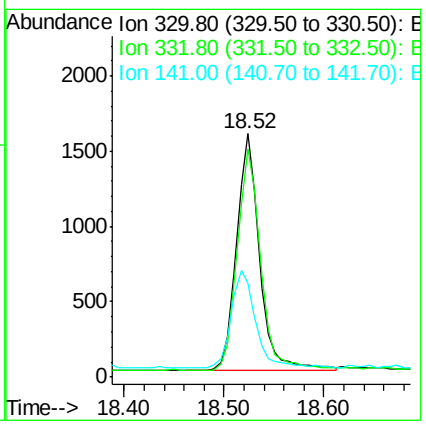


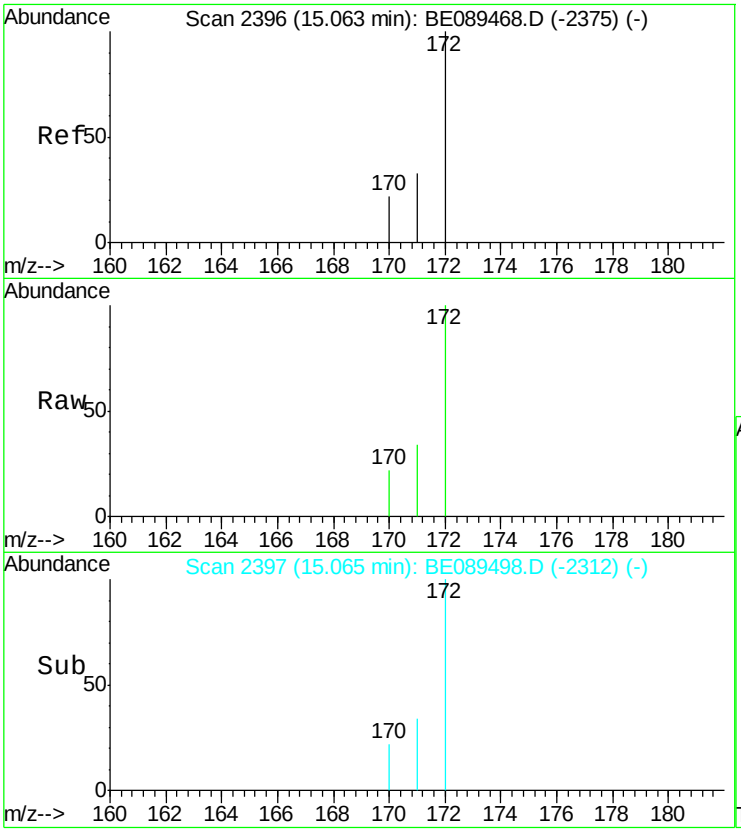


#14
2,4,6-Tribromophenol
Concen: 0.82 ng
RT: 18.52 min Scan# 3027
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:330 Resp: 2501

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	44.1	33.8	50.6



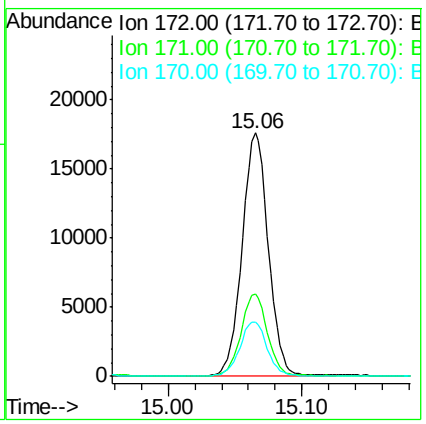


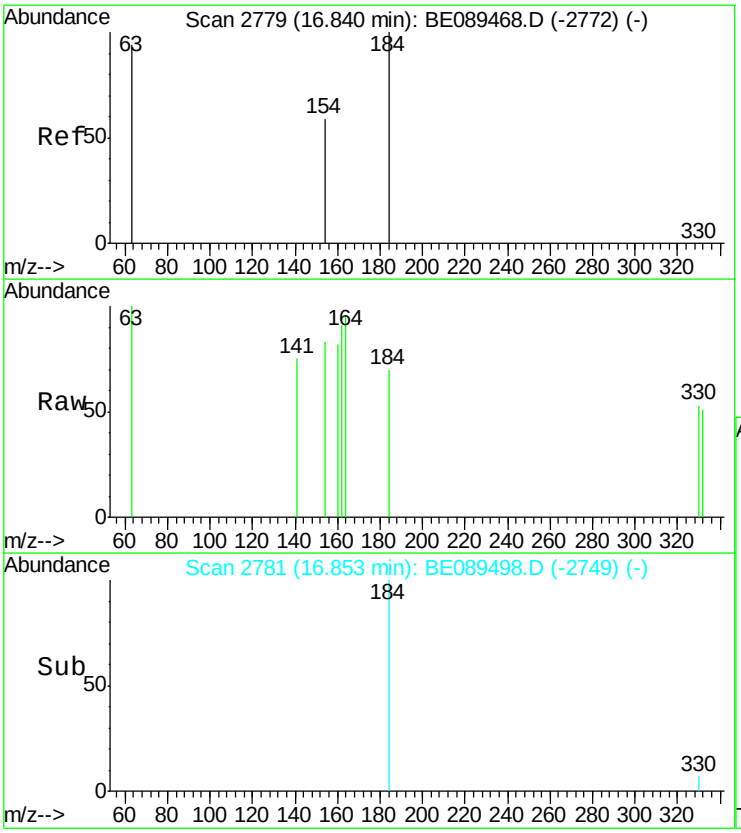
#15
2-Fluorobiphenyl
Concen: 1.03 ng
RT: 15.06 min Scan# 2397
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:172 Resp: 23759

Ion	Ratio	Lower	Upper
172	100		
171	33.9	26.8	40.2
170	22.2	17.7	26.5

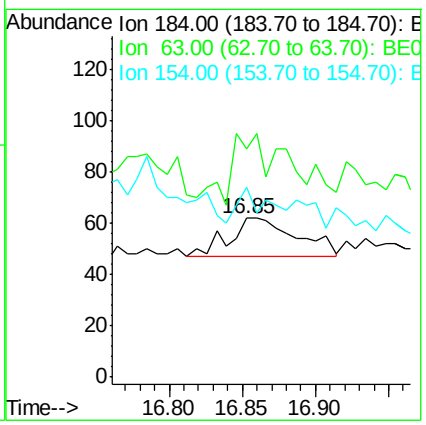


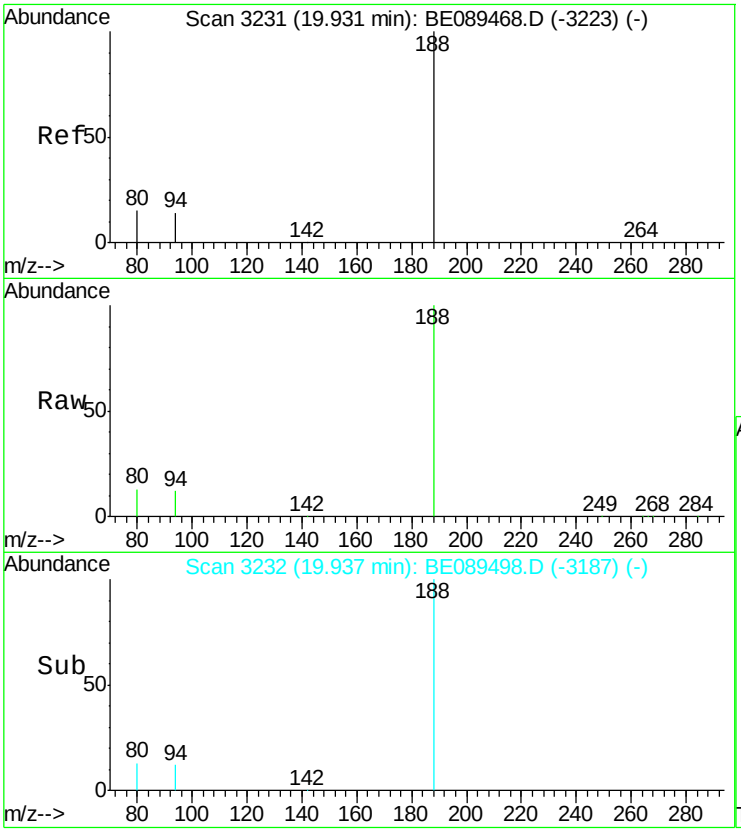


#16
2,4-Dinitrophenol
Concen: 0.49 ng
RT: 16.85 min Scan# 2781
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:184 Resp: 48

Ion	Ratio	Lower	Upper
184	100		
63	143.5	92.1	138.1#
154	119.4	61.4	92.2#



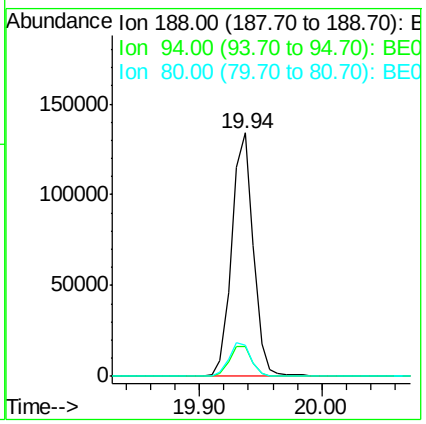


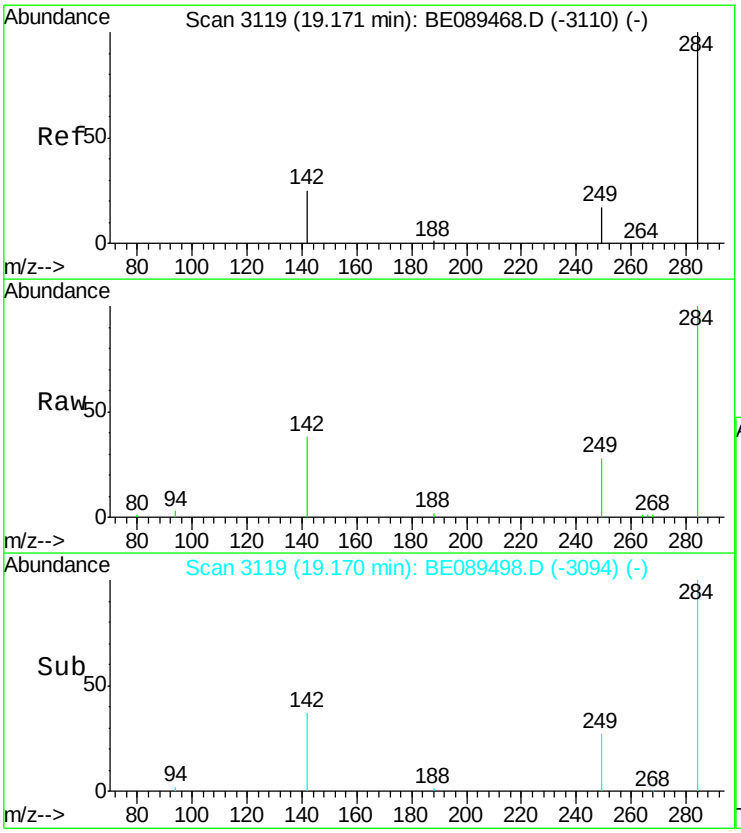
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:188 Resp: 164510

Ion	Ratio	Lower	Upper
188	100		
94	12.2	11.1	16.7
80	12.6	11.8	17.6

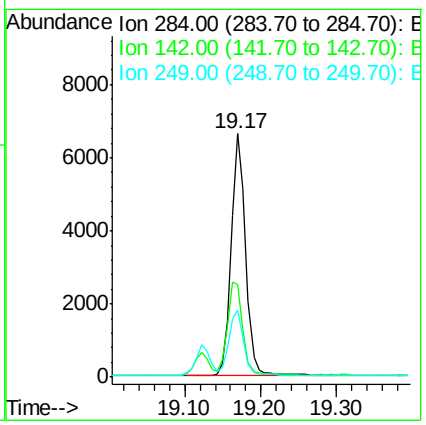


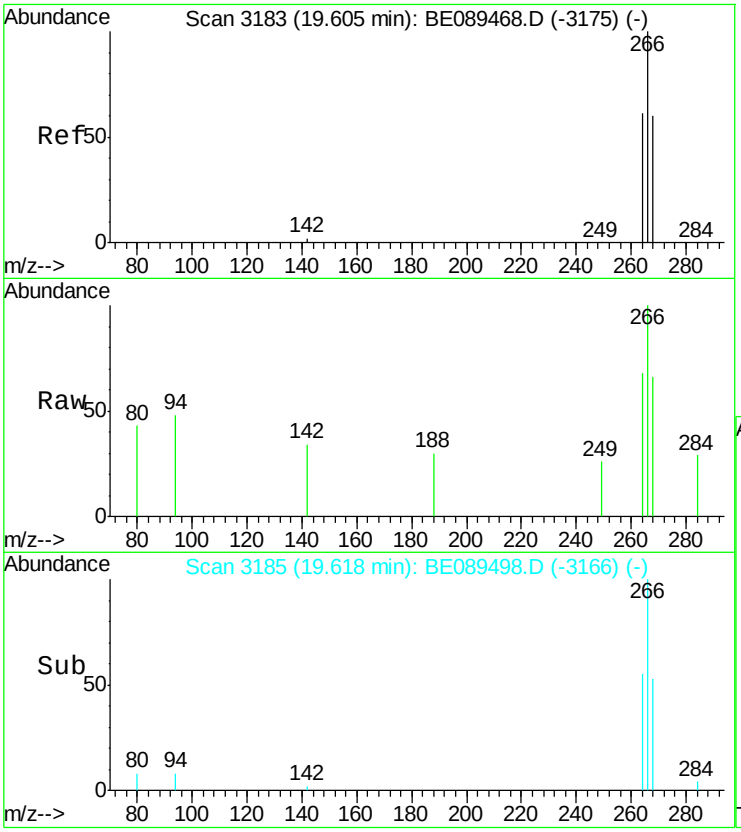


#18
Hexachlorobenzene
Concen: 1.01 ng
RT: 19.17 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:284 Resp: 8577

Ion	Ratio	Lower	Upper
284	100		
142	38.0	24.4	36.6#
249	27.7	18.2	27.2#



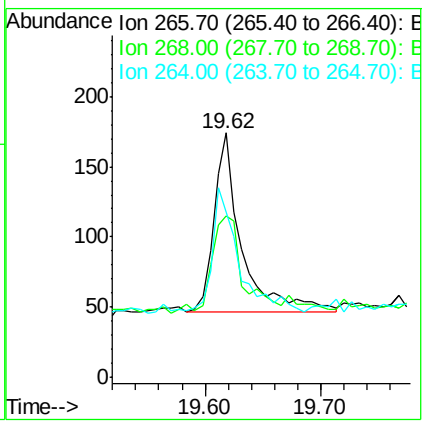


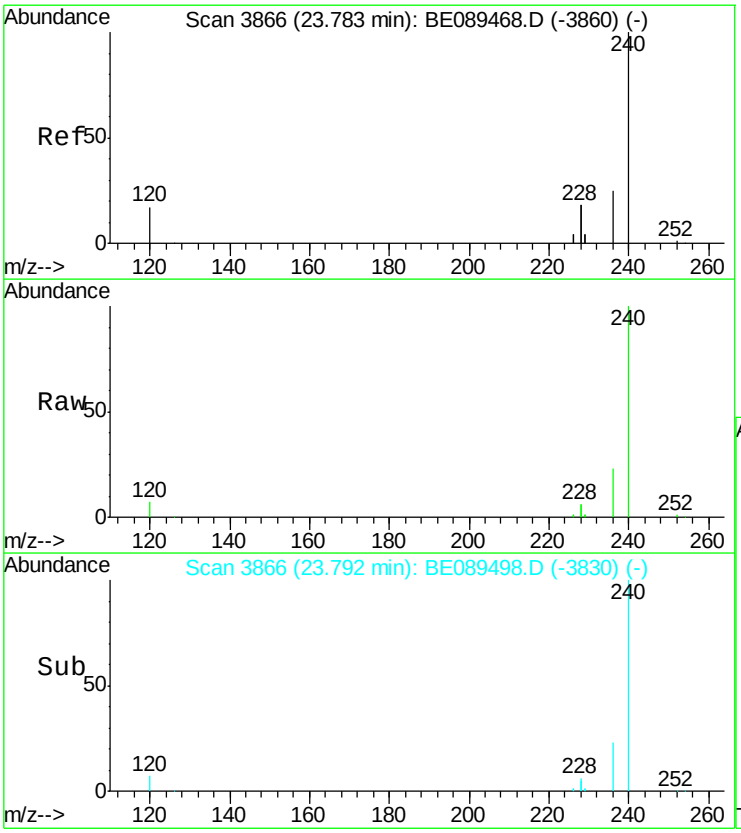
#19
Pentachlorophenol
Concen: 0.47 ng
RT: 19.62 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:266 Resp: 215

Ion	Ratio	Lower	Upper
266	100		
268	66.1	50.0	75.0
264	67.8	50.6	75.8

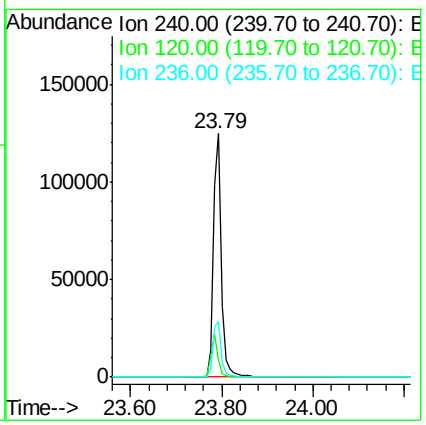


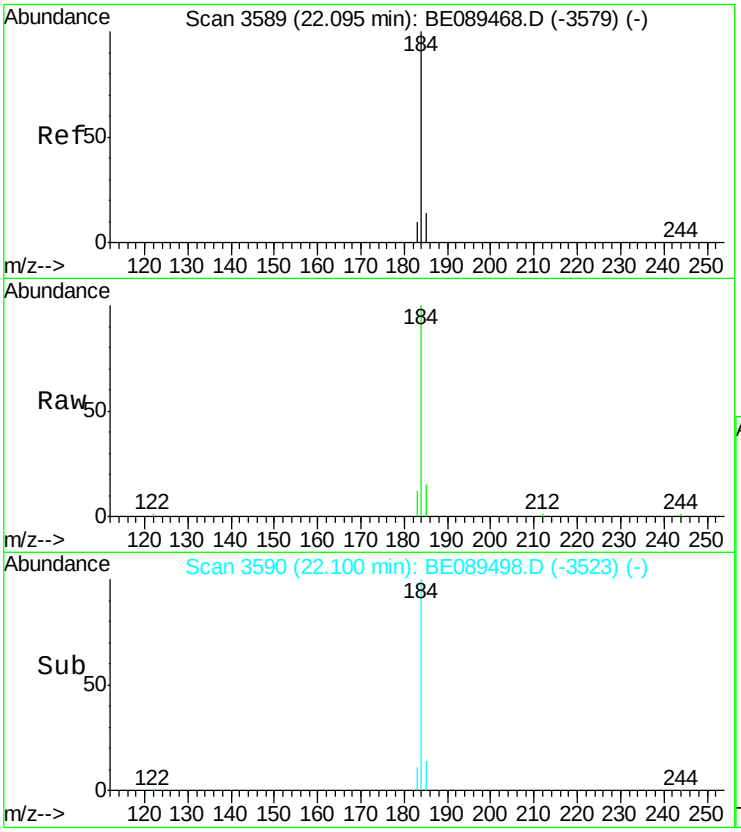


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:240 Resp: 153355

Ion	Ratio	Lower	Upper
240	100		
120	7.1	13.8	20.6#
236	22.8	20.2	30.2



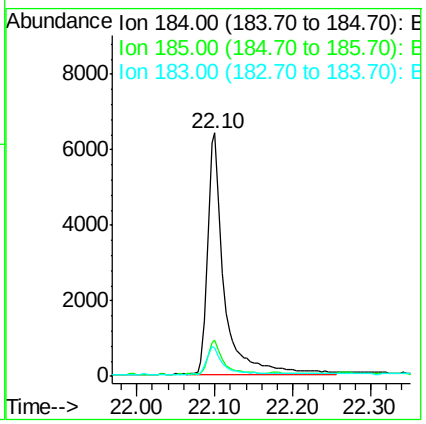


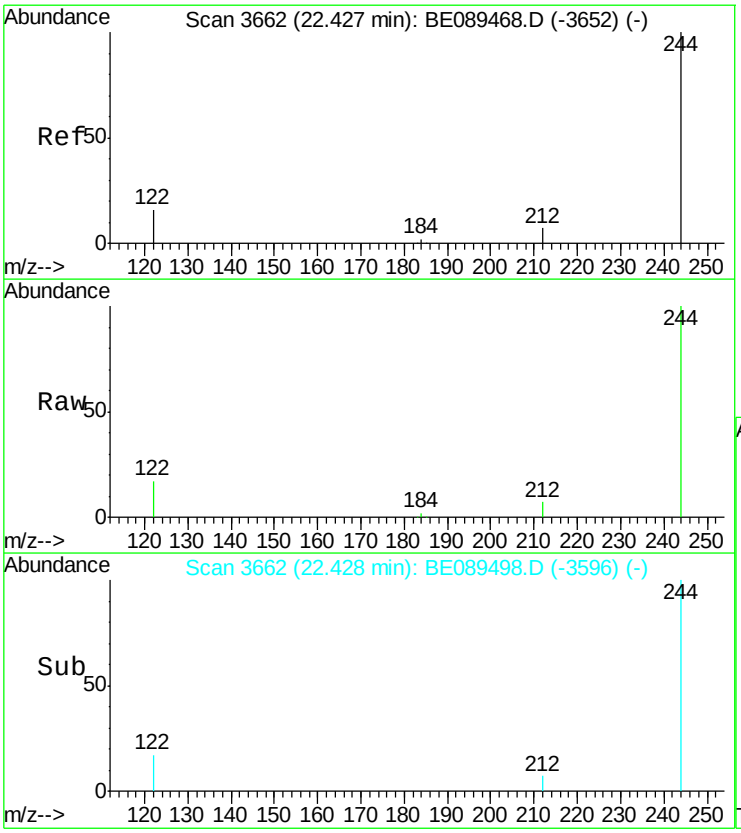
#21
Benzidine
Concen: 1.31 ng
RT: 22.10 min Scan# 3590
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:184 Resp: 9387

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.0	18.0
183	11.5	9.0	13.4

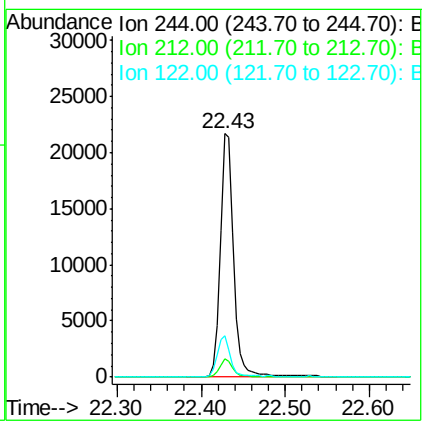


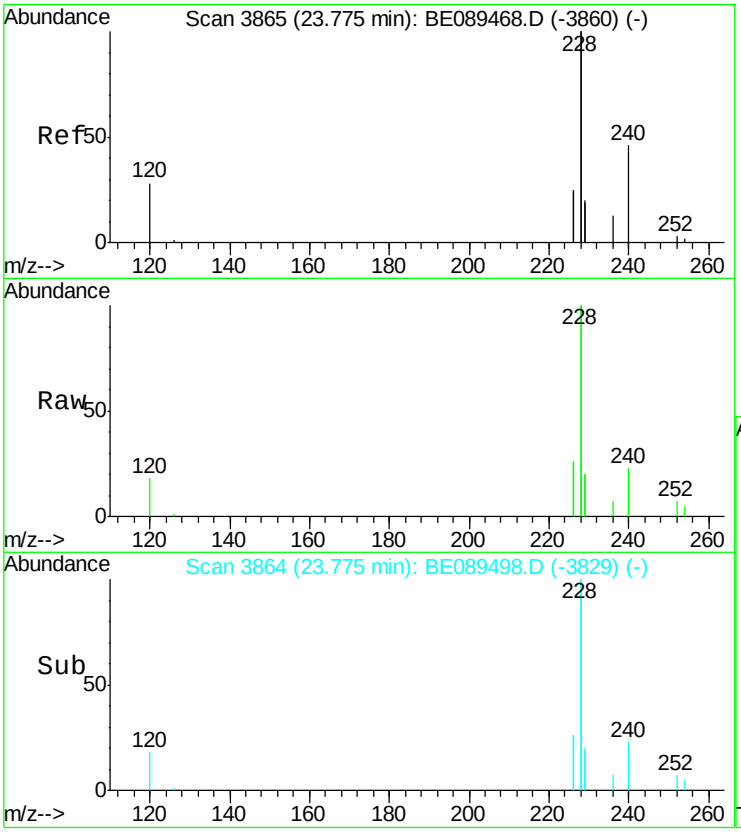


#22
Terphenyl-d14
Concen: 1.08 ng
RT: 22.43 min Scan# 3662
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:244 Resp: 23480

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	17.0	12.6	19.0



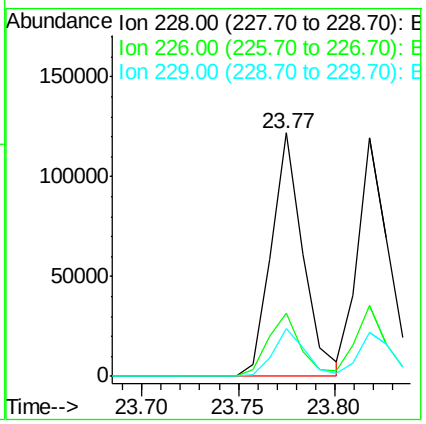


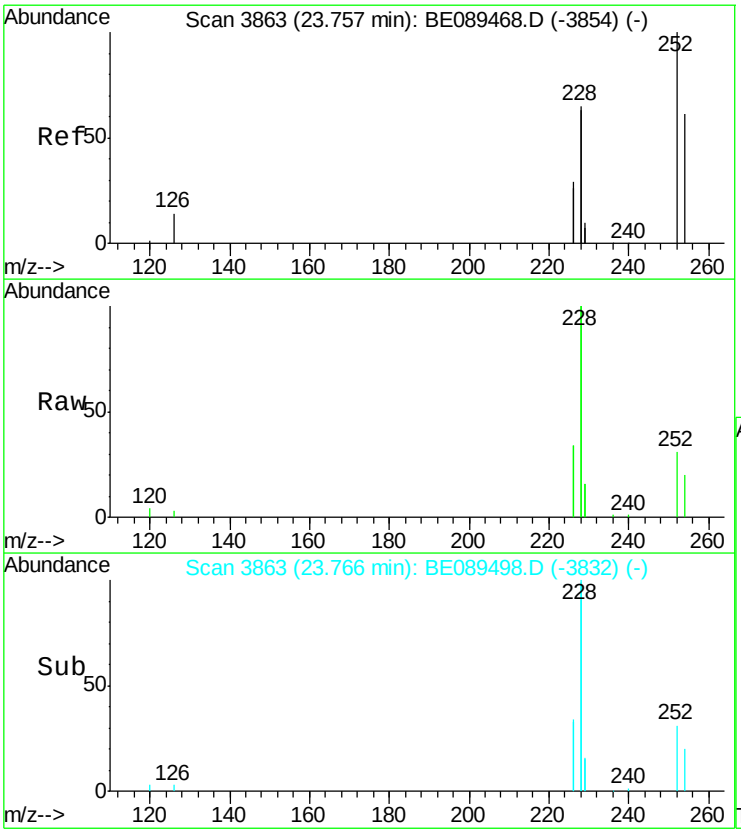
#23
Benzo(a)anthracene
Concen: 1.02 ng
RT: 23.77 min Scan# 3864
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 138435

Ion	Ratio	Lower	Upper
228	100		
226	26.0	19.6	29.4
229	19.5	15.9	23.9

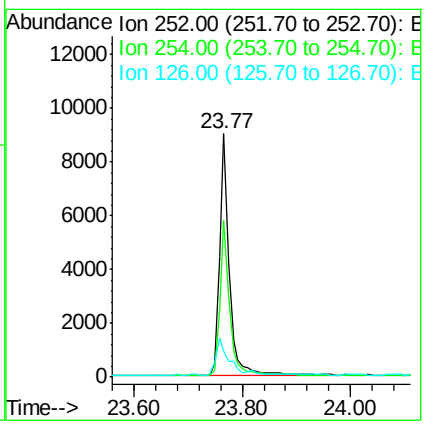


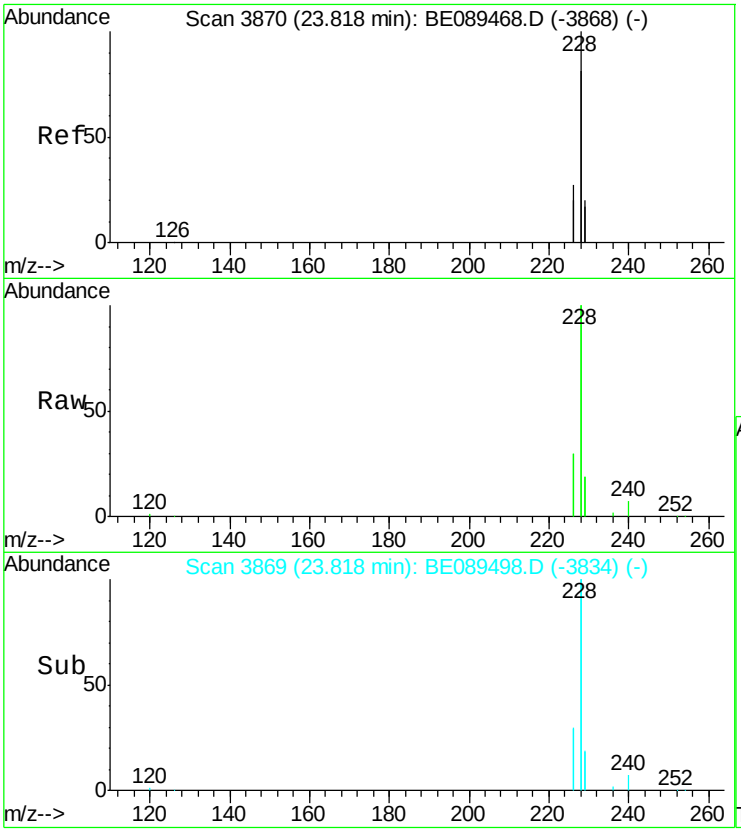


#24
3,3'-Dichlorobenzidine
Concen: 0.99 ng
RT: 23.77 min Scan# 3863
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:252 Resp: 11322

Ion	Ratio	Lower	Upper
252	100		
254	64.5	48.6	73.0
126	10.9	12.4	18.6#



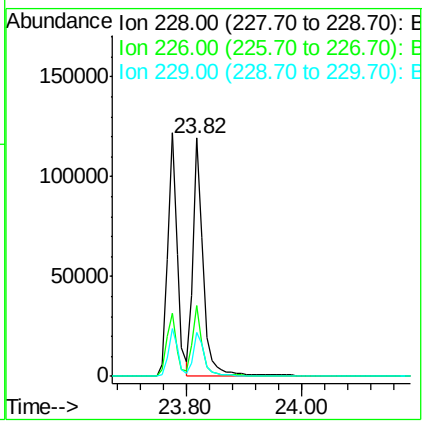


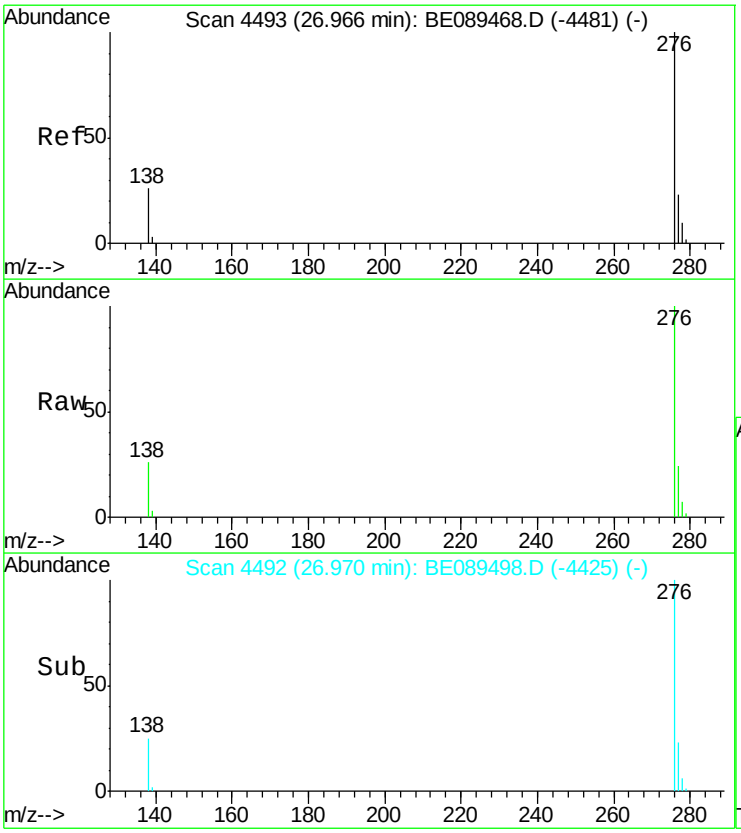
#25
Chrysene
Concen: 0.99 ng
RT: 23.82 min Scan# 3869
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:228 Resp: 141233

Ion	Ratio	Lower	Upper
228	100		
226	29.5	21.8	32.8
229	18.7	16.2	24.2

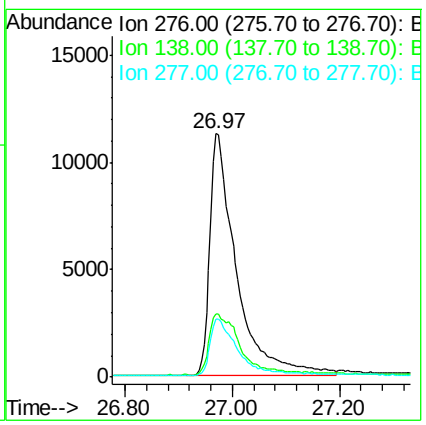


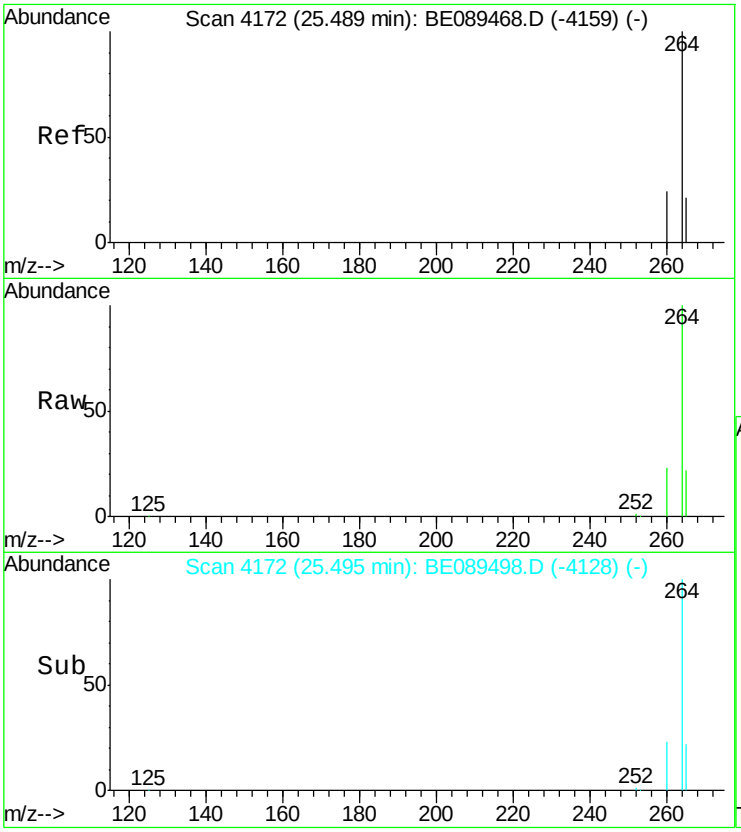


#26
Indeno(1,2,3-cd)pyrene
Concen: 1.09 ng
RT: 26.97 min Scan# 4492
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:276 Resp: 39120

Ion	Ratio	Lower	Upper
276	100		
138	28.9	24.2	36.4
277	24.8	19.9	29.9



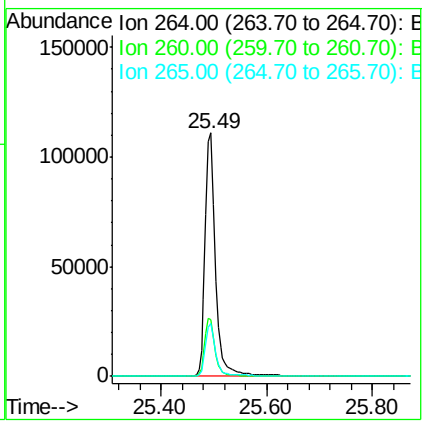


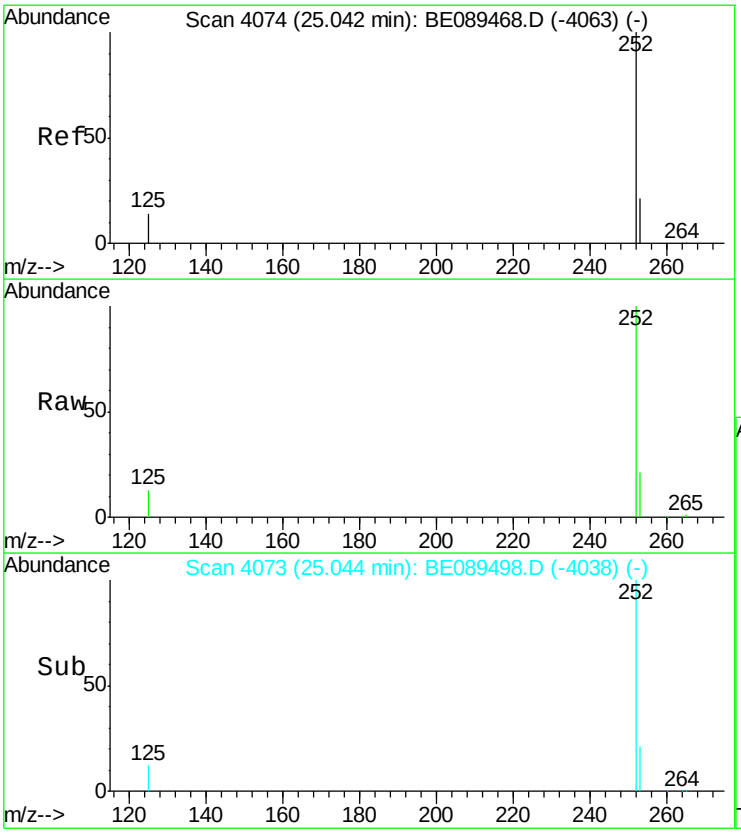
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.49 min Scan# 4172
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:264 Resp: 149764

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.9	17.0	25.6

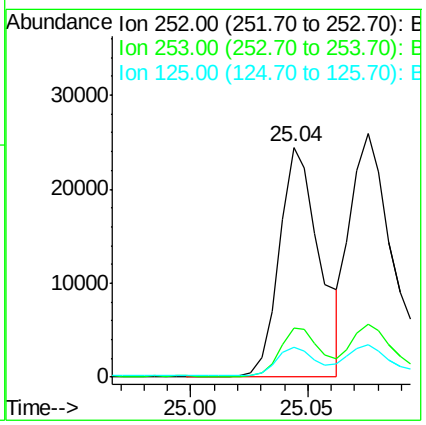


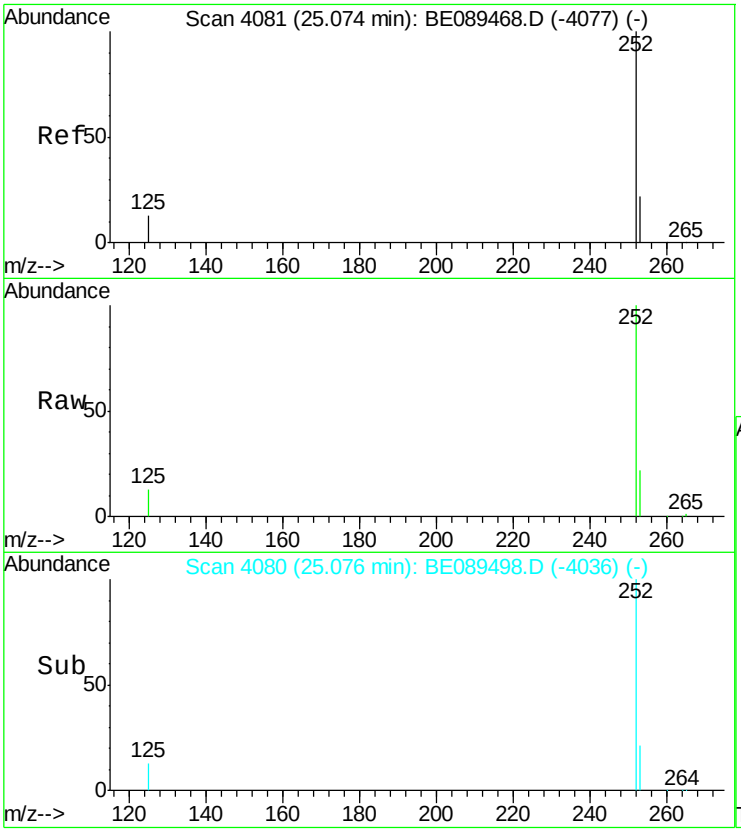


#28
Benzo(b)fluoranthene
Concen: 1.01 ng
RT: 25.04 min Scan# 4073
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:252 Resp: 29230

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.4	26.2
125	13.1	11.3	16.9



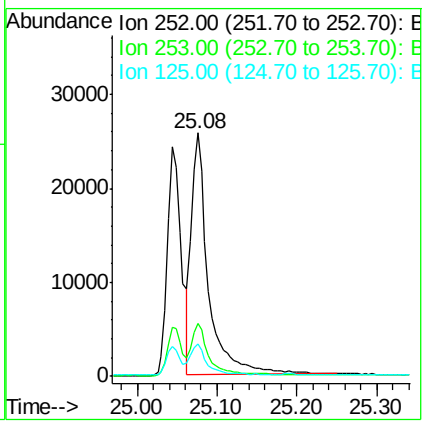


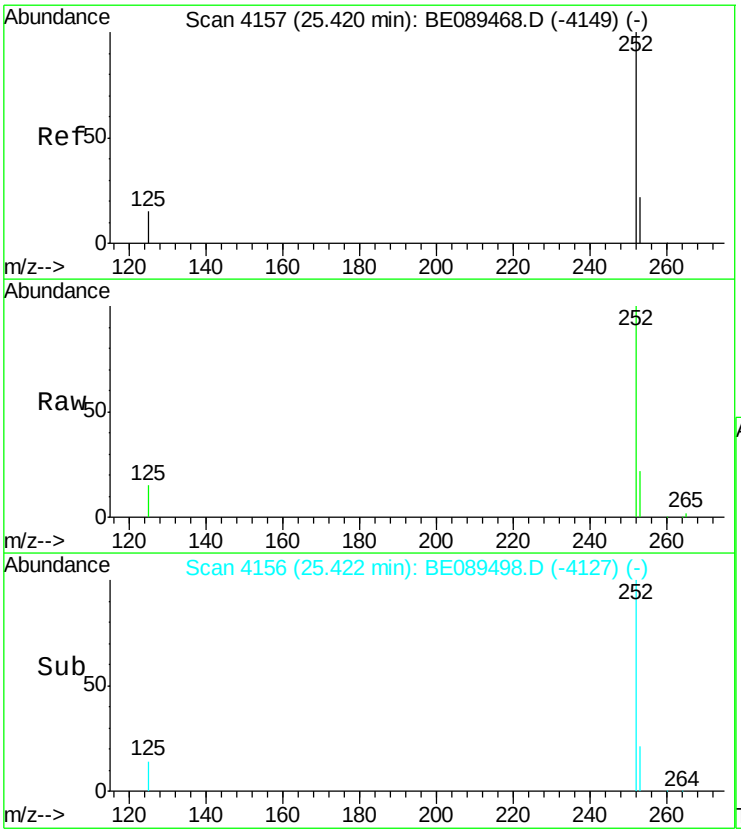
#29
Benzo(k)fluoranthene
Concen: 0.99 ng
RT: 25.08 min Scan# 4080
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 38336

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	13.3	10.6	15.8

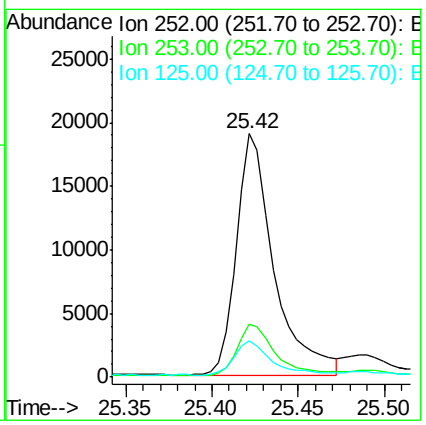


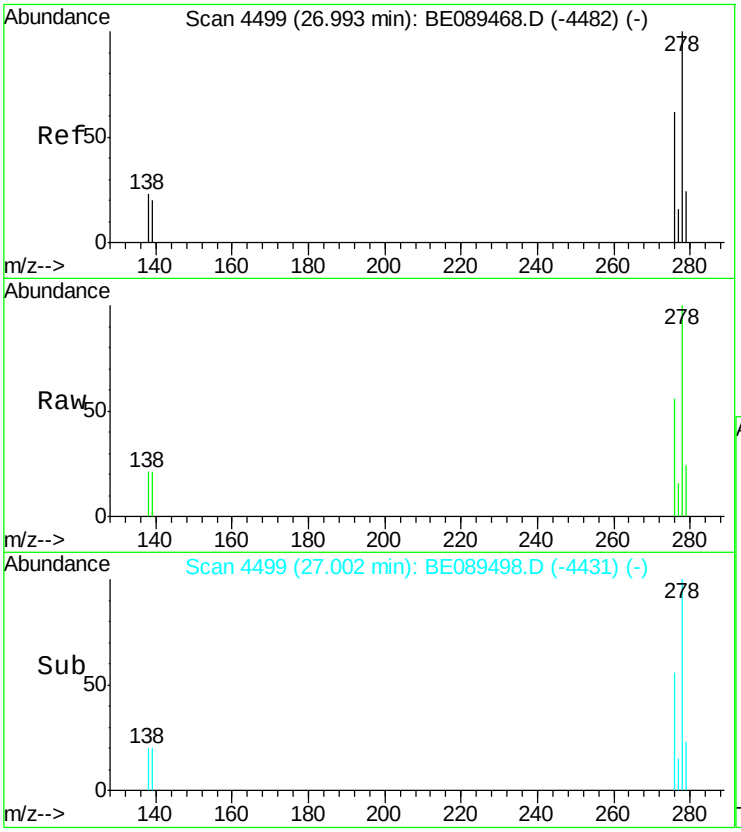


#30
Benzo(a)pyrene
Concen: 1.01 ng
RT: 25.42 min Scan# 4156
Delta R.T. 0.00 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Tgt Ion:252 Resp: 28642

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	14.9	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 1.05 ng
RT: 27.00 min Scan# 4499
Delta R.T. 0.01 min
Lab File: BE089498.D
Acq: 4 Feb 2015 15:58

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001EC

Tgt Ion:278 Resp: 32699

Ion	Ratio	Lower	Upper
278	100		
139	20.5	16.8	25.2
279	24.1	19.4	29.0