Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
Data File : BE089607.D
Acq On : 17 Feb 2015 23:37
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC001

Quant Time: Feb 18 14:44:48 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 14:11:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	52276	5.00	ng		0.00
7) Naphthalene-d8	12.24	136	213056	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	107290	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	213509	5.00	ng		0.00
20) Chrysene-d12	23.65	240	218550	5.00	ng		0.00
27) Perylene-d12	25.34	264	191900	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	11883	0.87	ng		0.00
4) Phenol-d6	8.62	99	15485	0.86	ng		0.00
8) Nitrobenzene-d5	10.60	82	8490	0.91	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	1677	0.86	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	23379	0.81	ng		0.00
22) Terphenyl-d14	22.30	244	26066	0.88	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.36	42	4538	0.70	ng	#	68
5) Phenol	8.65	94	16536	0.86	ng		88
6) bis(2-Chloroethyl)ether	8.83	93	12631	0.82	ng	#	99
9) Nitrobenzene	10.65	77	10080	0.87	ng		98
10) 2,4-Dimethylphenol	11.58	122	9511	0.87	ng		100
11) 2,4-Dichlorophenol	11.96	162	7784	0.88	ng		99
12) Hexachlorobutadiene	12.63	225	5376	0.82	ng		100
16) 2,4-Dinitrophenol	16.66	184	278	0.89	ng		97
18) Hexachlorobenzene	18.99	284	7466	0.81	ng		95
19) Pentachlorophenol	19.44	266	1103	0.91	ng		99
21) Benzidine	21.96	184	12204	0.99	ng		100
23) Benzo(a)anthracene	23.64	228	167711	0.90	ng		98
24) 3,3'-Dichlorobenzidine	23.63	252	10238	1.07	ng		99
25) Chrysene	23.69	228	172731	0.81	ng		99
26) Indeno(1,2,3-cd)pyrene	26.75	276	35300	0.90	ng	#	99
28) Benzo(b)fluoranthene	24.91	252	29169	0.90	ng		99
29) Benzo(k)fluoranthene	24.94	252	44884	0.81	ng		99
30) Benzo(a)pyrene	25.28	252	27761	0.88	ng		98
31) Dibenzo(a,h)anthracene	26.78	278	27692	0.89	ng		99

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

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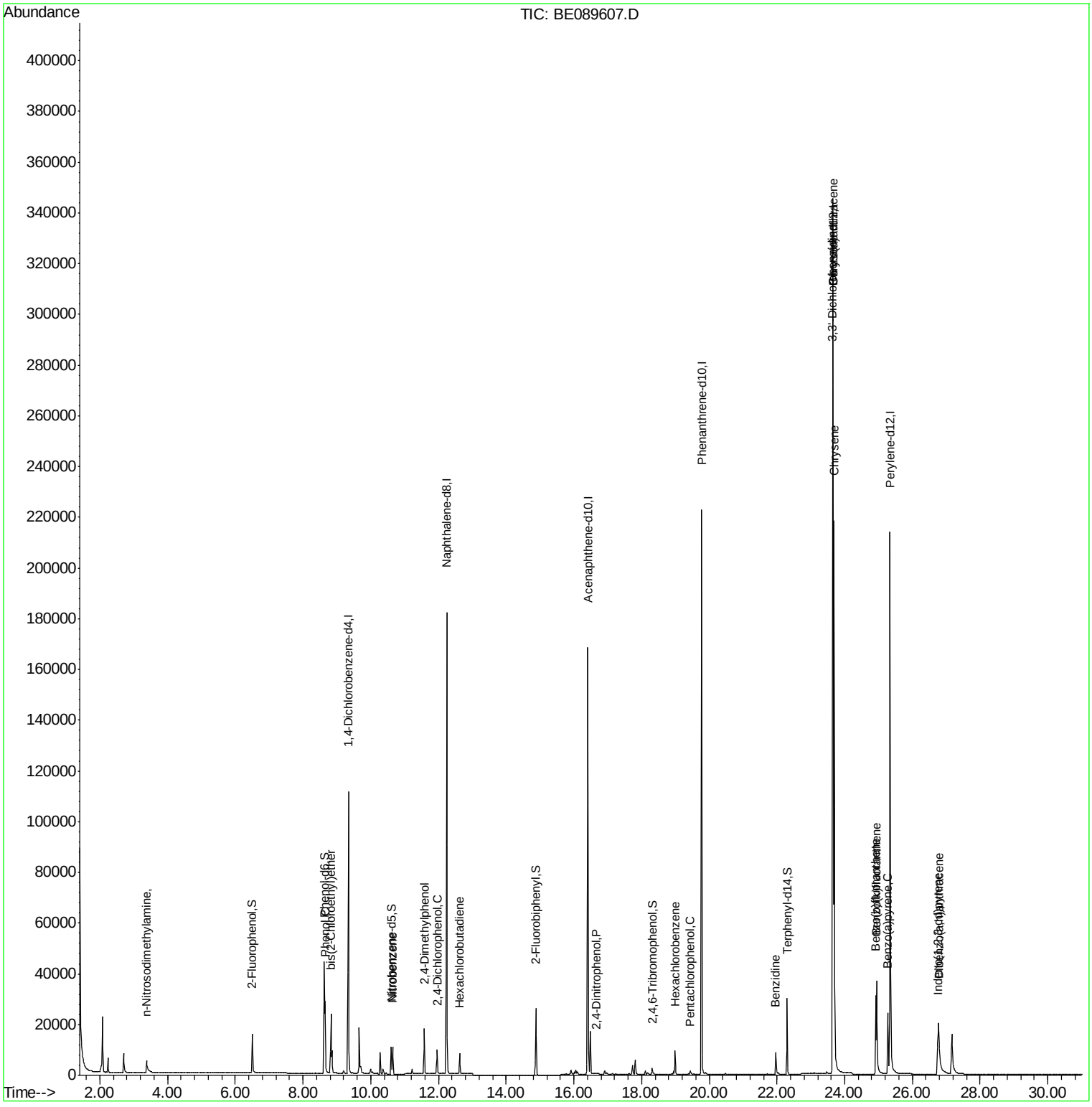
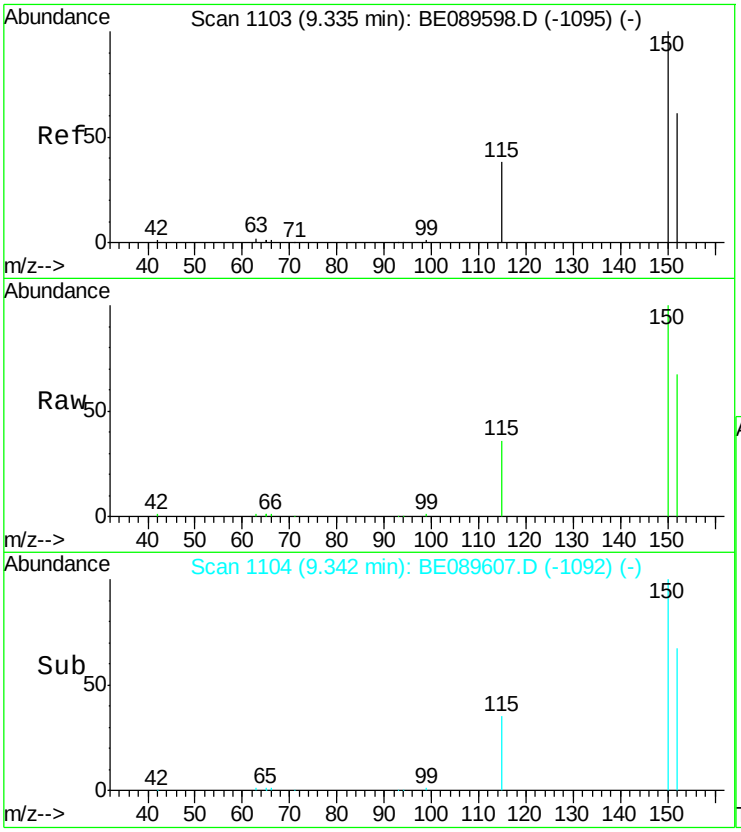


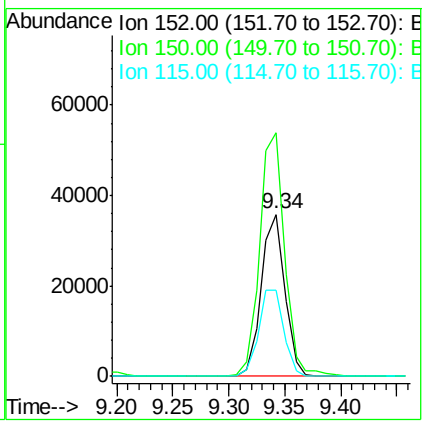


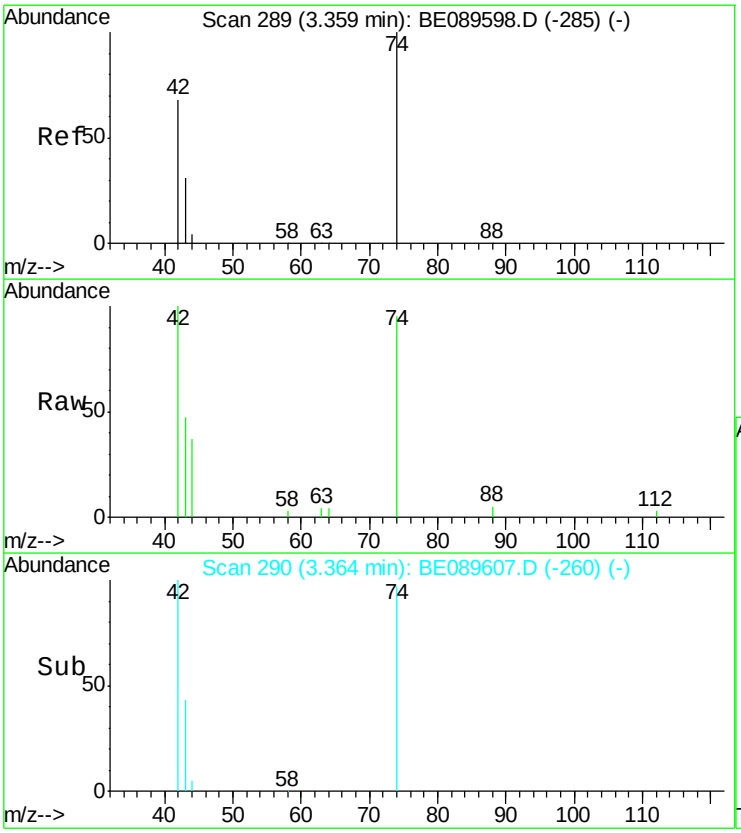
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:152 Resp: 52276

Ion	Ratio	Lower	Upper
152	100		
150	150.2	130.7	196.1
115	53.4	49.6	74.4

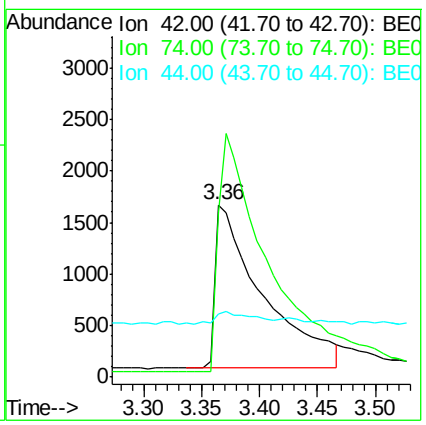


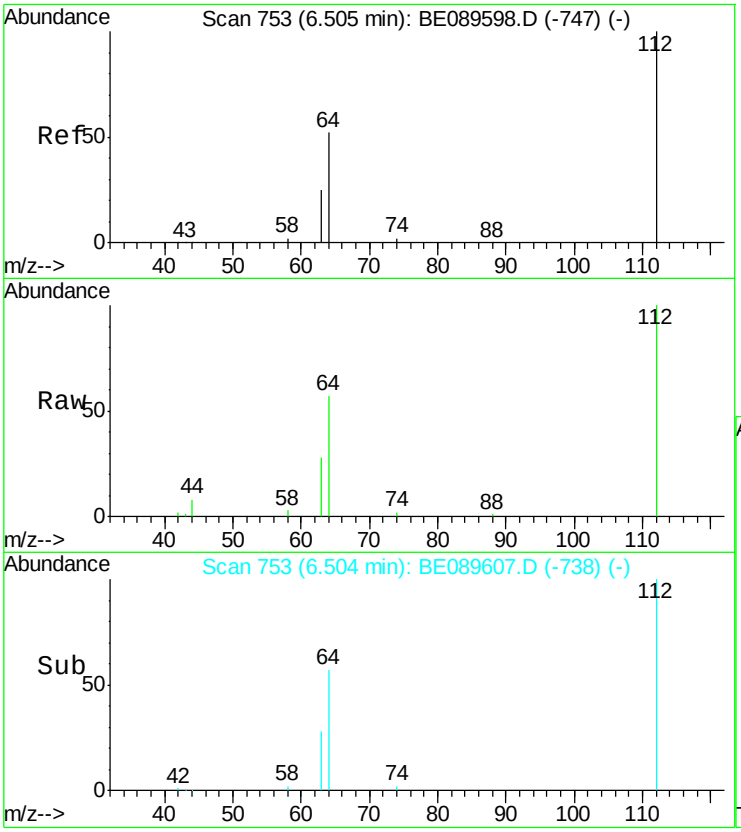


#2
n-Nitrosodimethylamine
Concen: 0.70 ng
RT: 3.36 min Scan# 290
Delta R.T. 0.01 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion: 42 Resp: 4538

Ion	Ratio	Lower	Upper
42	100		
74	95.3	114.6	171.8#
44	36.7	27.5	41.3



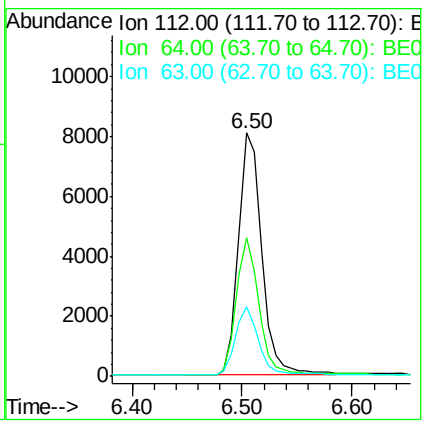


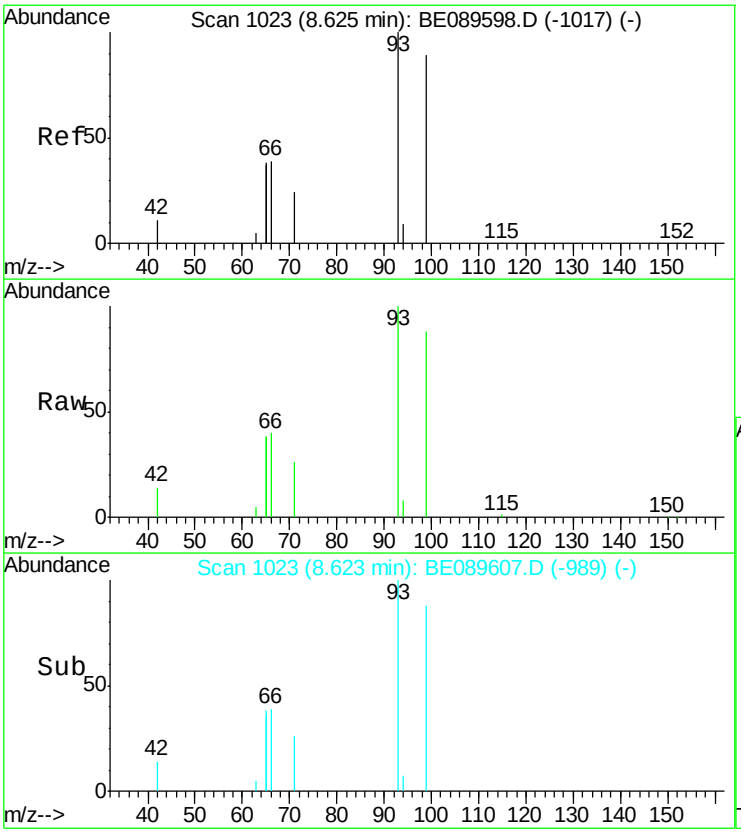
#3
2-Fluorophenol
Concen: 0.87 ng
RT: 6.50 min Scan# 753
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:112 Resp: 11883

Ion	Ratio	Lower	Upper
112	100		
64	57.2	41.7	62.5
63	28.3	20.3	30.5

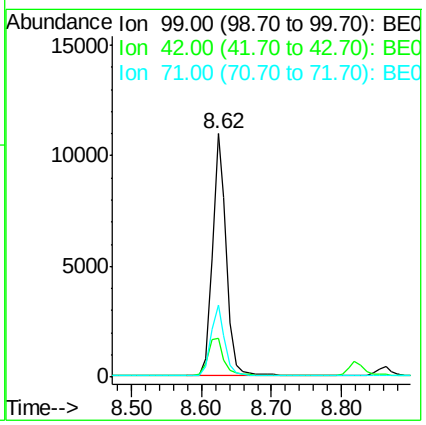


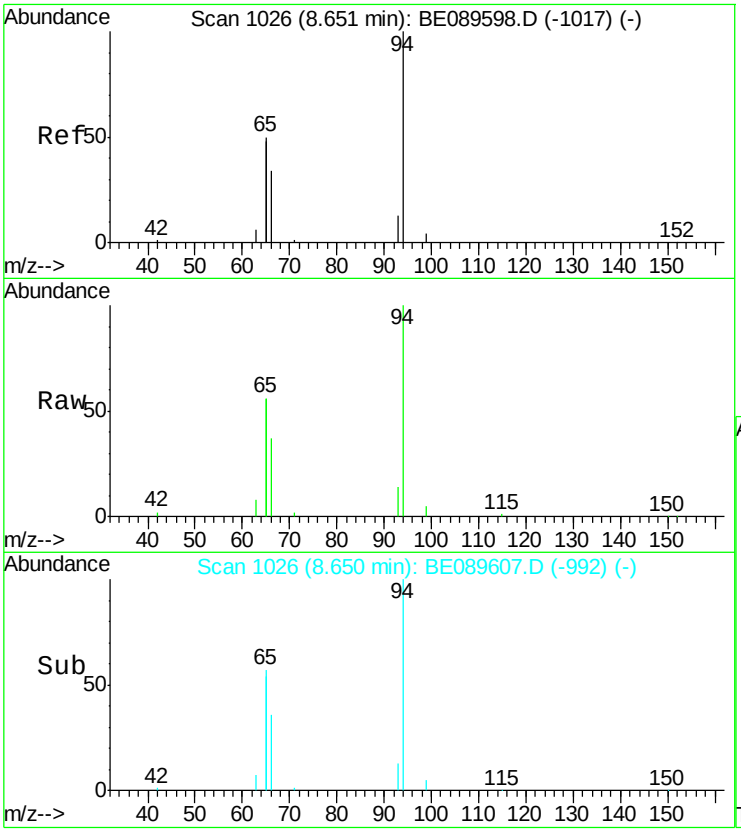


#4
Phenol-d6
Concen: 0.86 ng
RT: 8.62 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion: 99 Resp: 15485

Ion	Ratio	Lower	Upper
99	100		
42	16.1	10.8	16.2
71	29.7	21.8	32.6



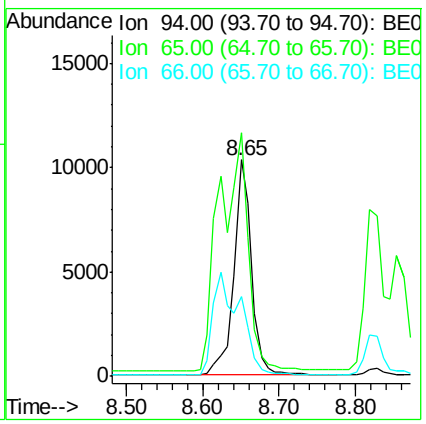


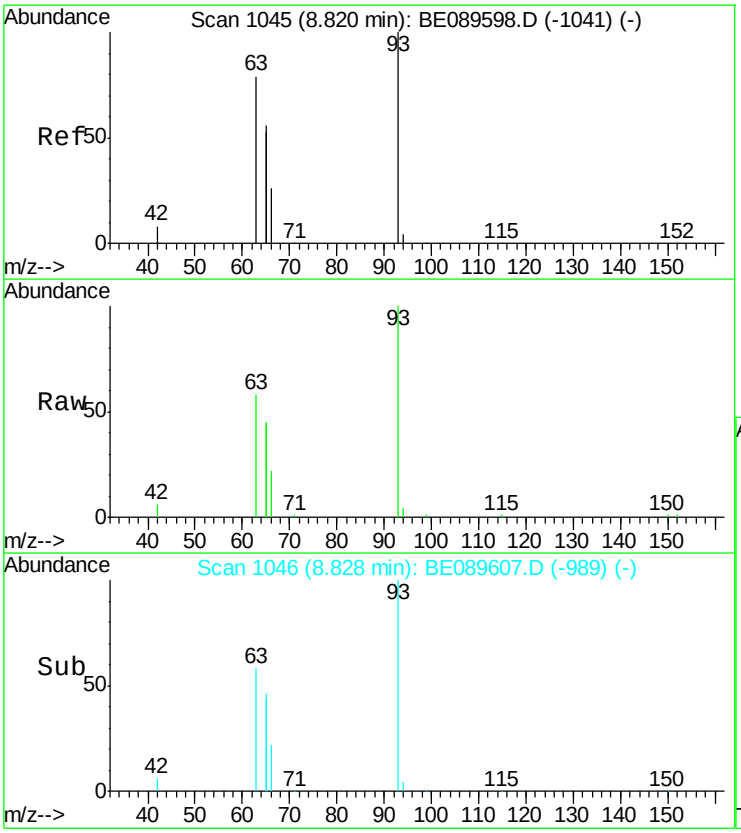
#5
Phenol
Concen: 0.86 ng
RT: 8.65 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 94 Resp: 16536

Ion	Ratio	Lower	Upper
94	100		
65	112.4	78.6	118.6
66	36.6	14.0	54.0

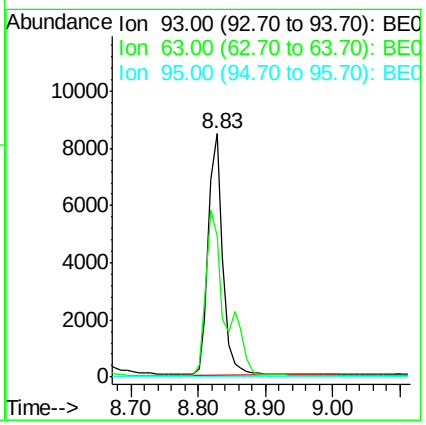


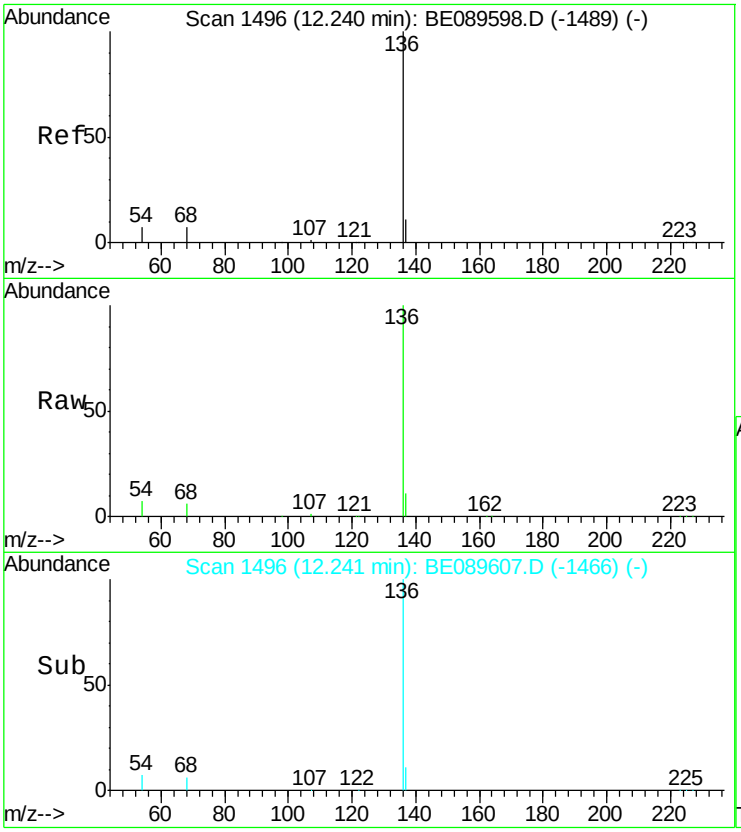


#6
bis(2-Chloroethyl)ether
Concen: 0.82 ng
RT: 8.83 min Scan# 1046
Delta R.T. 0.01 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion: 93 Resp: 12631

Ion	Ratio	Lower	Upper
93	100		
63	92.6	74.6	112.0
95	0.0	0.0	0.0



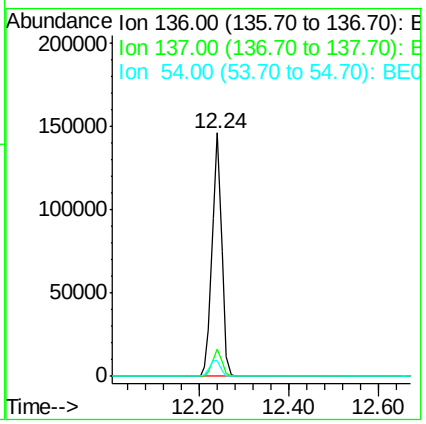


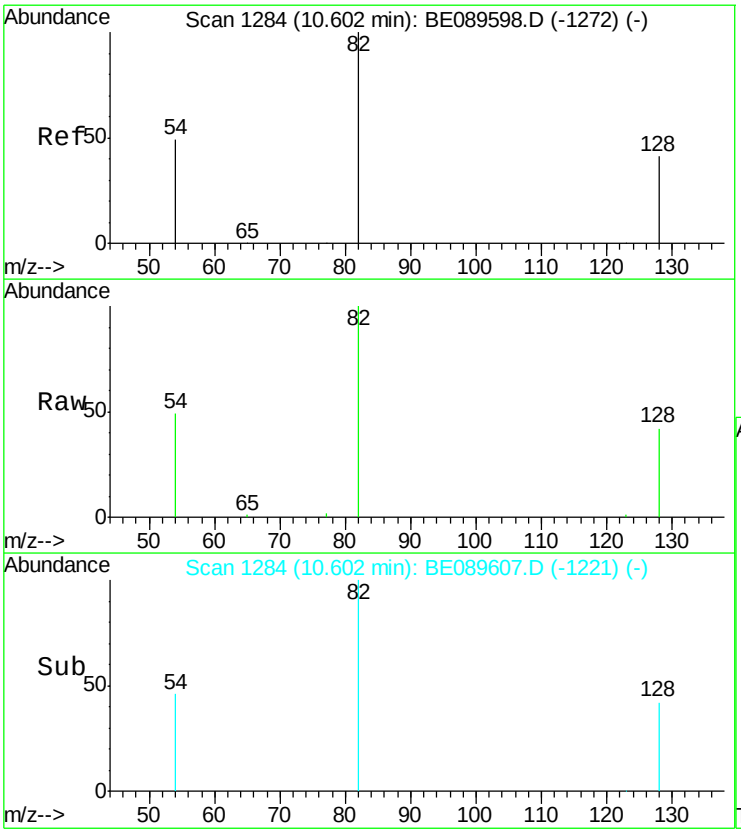
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:136 Resp: 213056

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.7	8.5

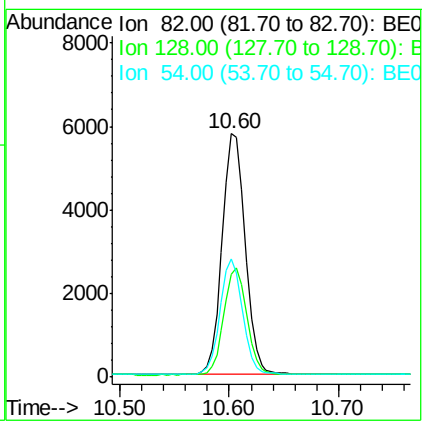


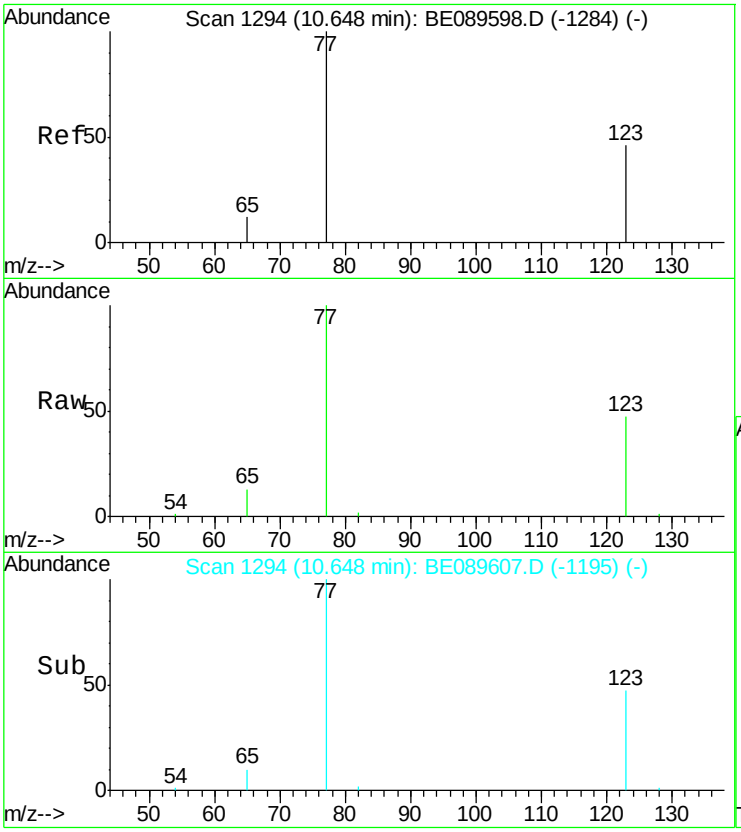


#8
Nitrobenzene-d5
Concen: 0.91 ng
RT: 10.60 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion: 82 Resp: 8490

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.2	49.8
54	48.6	39.6	59.4



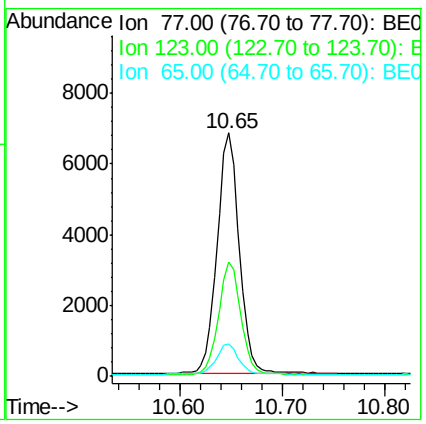


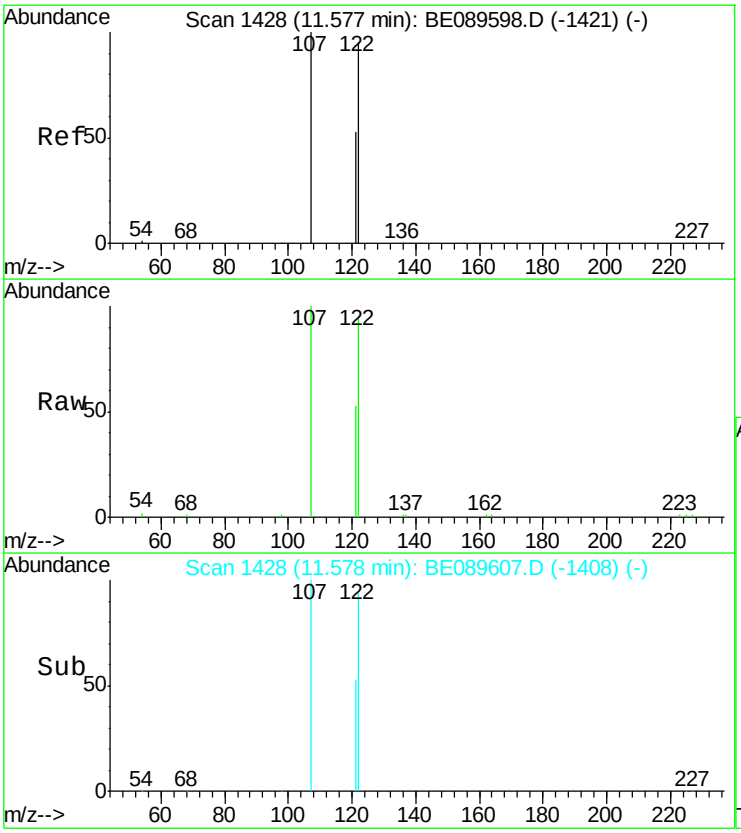
#9
Nitrobenzene
Concen: 0.87 ng
RT: 10.65 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion: 77 Resp: 10080

Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.5	54.7
65	12.8	10.2	15.4

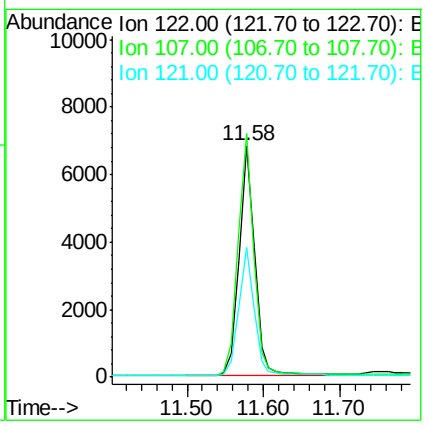


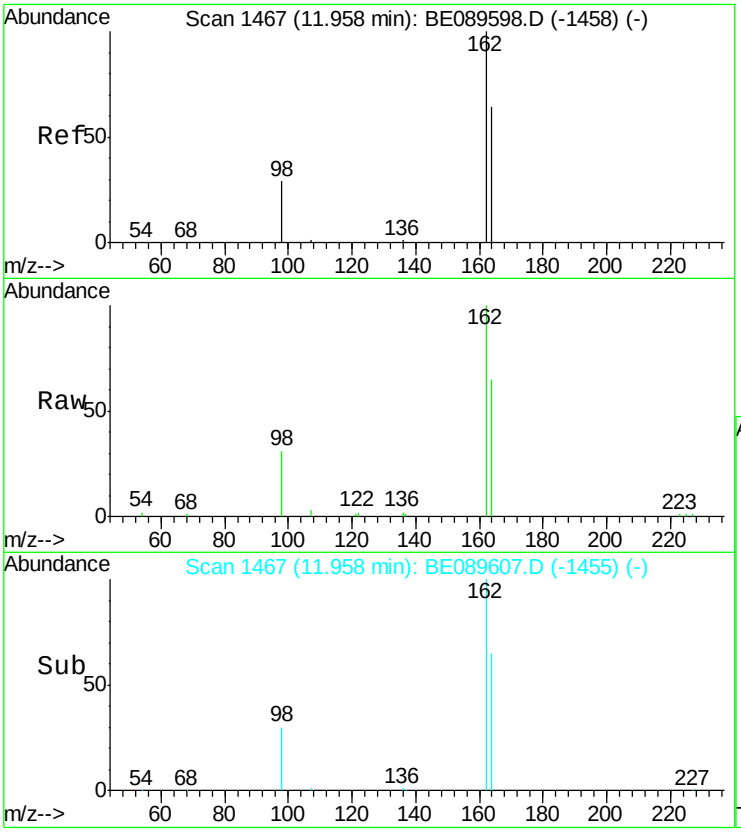


#10
2,4-Dimethylphenol
Concen: 0.87 ng
RT: 11.58 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:122 Resp: 9511

Ion	Ratio	Lower	Upper
122	100		
107	105.4	83.9	125.9
121	55.9	44.9	67.3



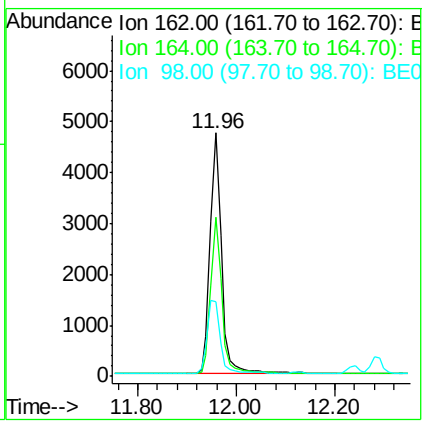


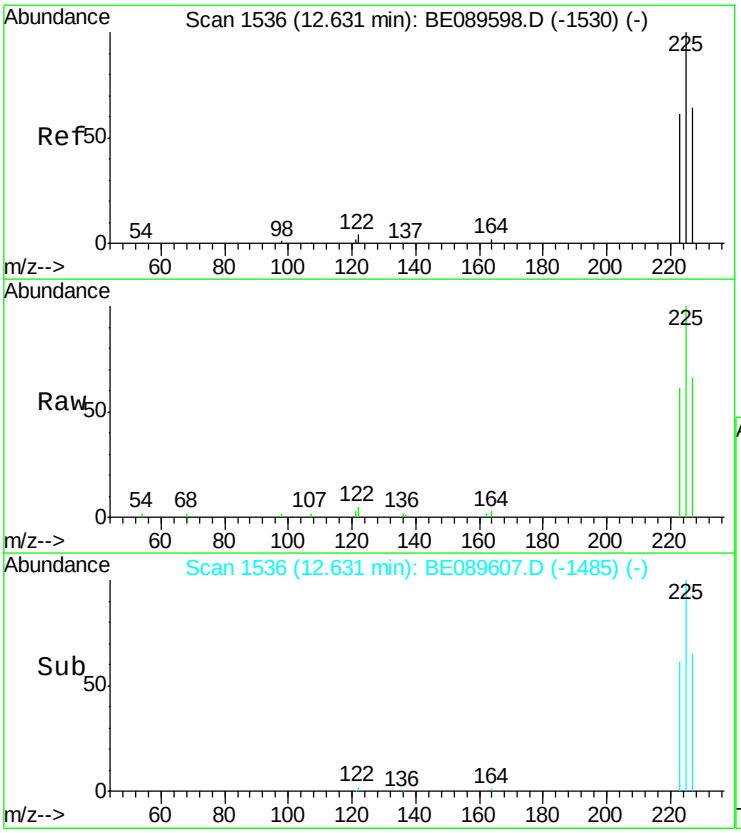
#11
2,4-Dichlorophenol
Concen: 0.88 ng
RT: 11.96 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:162 Resp: 7784

Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.7	84.7
98	30.9	10.3	50.3

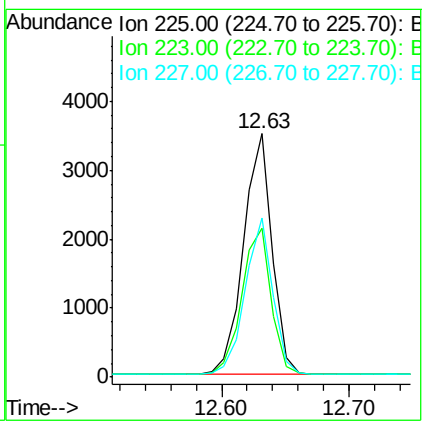


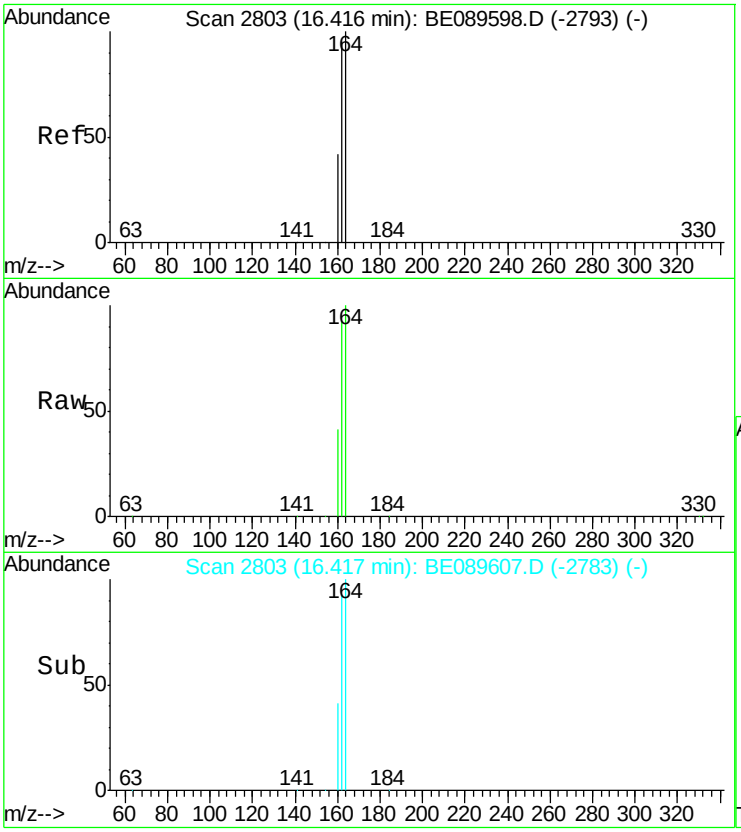


#12
Hexachlorobutadiene
Concen: 0.82 ng
RT: 12.63 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:225 Resp: 5376

Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.3	75.5
227	63.2	50.6	75.8



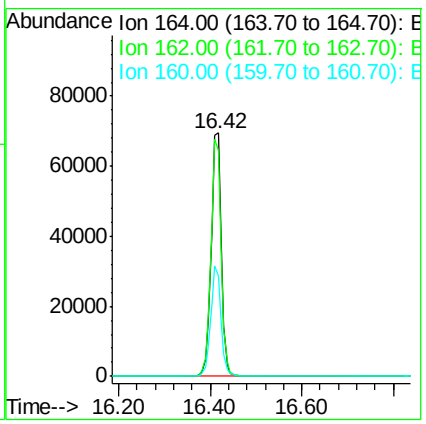


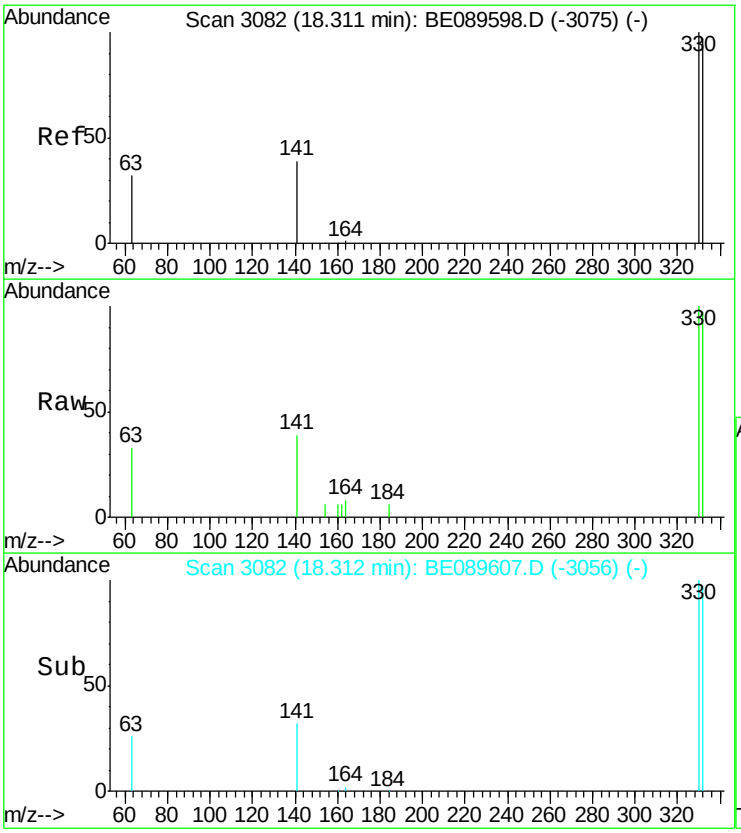
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2803
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:164 Resp: 107290

Ion	Ratio	Lower	Upper
164	100		
162	92.8	76.3	114.5
160	41.2	33.9	50.9

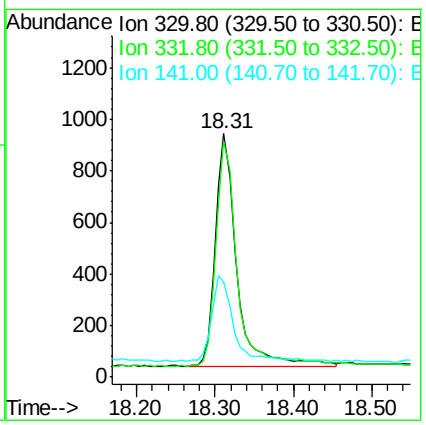


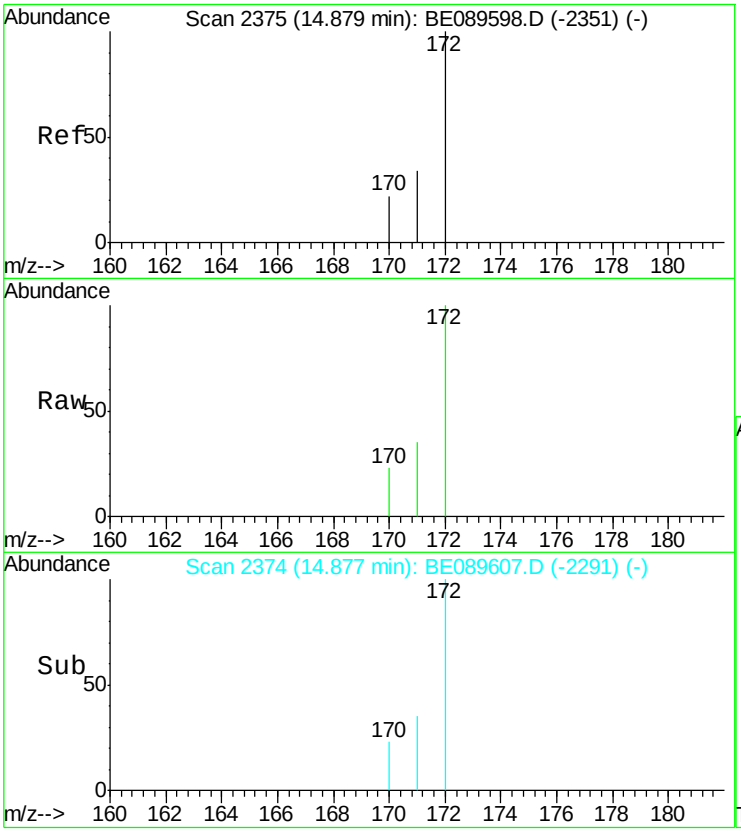


#14
2,4,6-Tribromophenol
Concen: 0.86 ng
RT: 18.31 min Scan# 3082
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:330 Resp: 1677

Ion	Ratio	Lower	Upper
330	100		
332	97.6	76.7	115.1
141	35.8	30.1	45.1



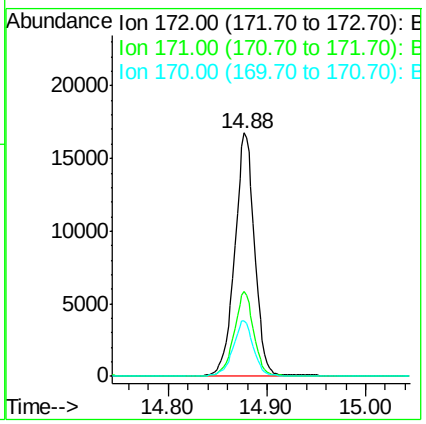


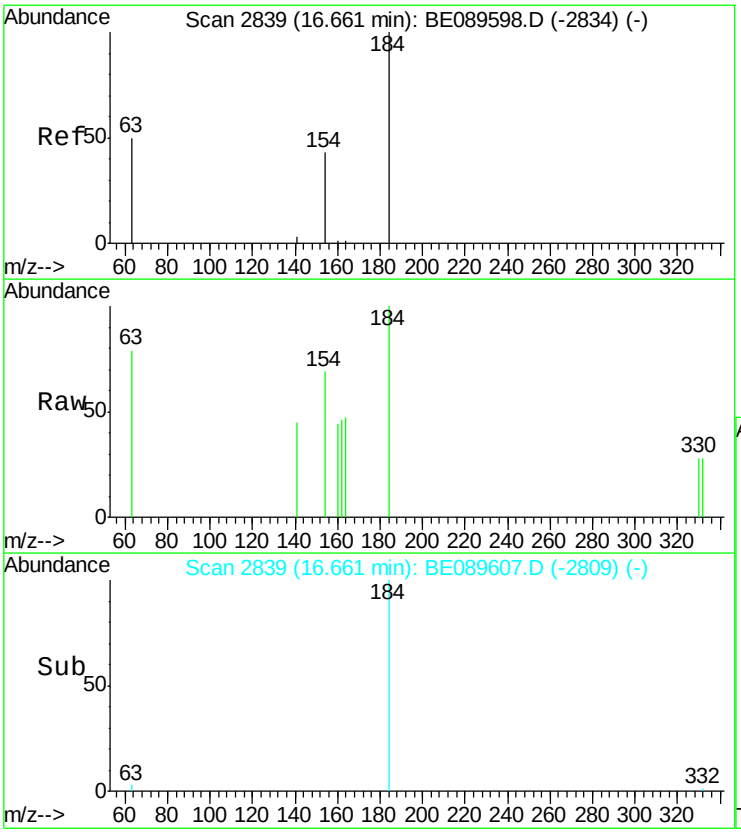
#15
2-Fluorobiphenyl
Concen: 0.81 ng
RT: 14.88 min Scan# 2374
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:172 Resp: 23379

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.4	41.0
170	22.9	17.9	26.9

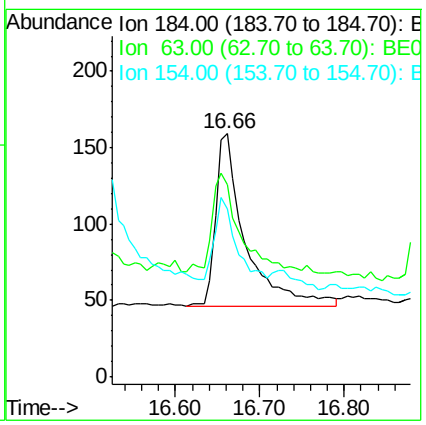


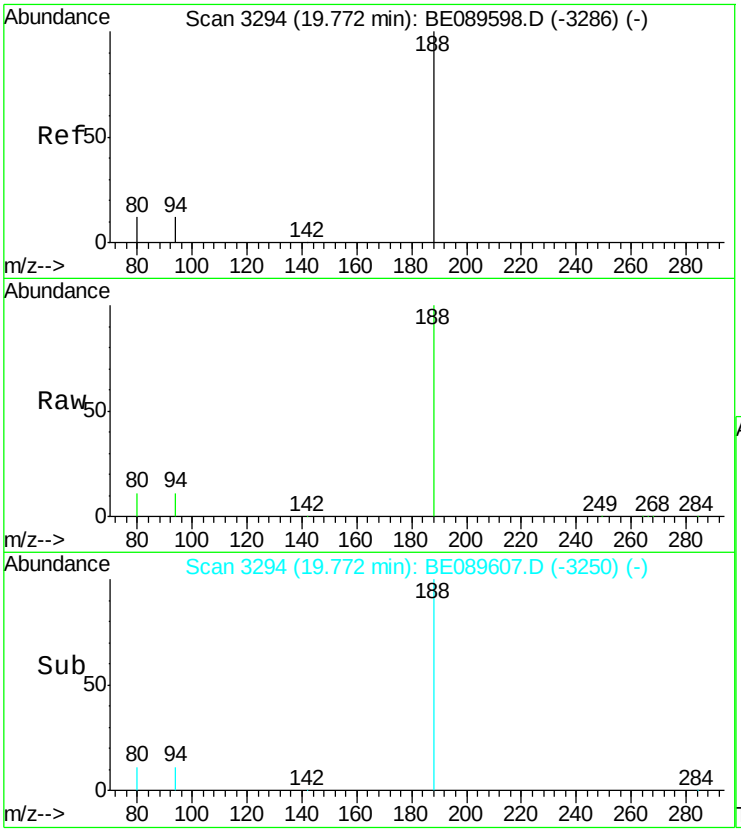


#16
2,4-Dinitrophenol
Concen: 0.89 ng
RT: 16.66 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:184 Resp: 278

Ion	Ratio	Lower	Upper
184	100		
63	79.2	61.0	91.4
154	69.2	53.4	80.0



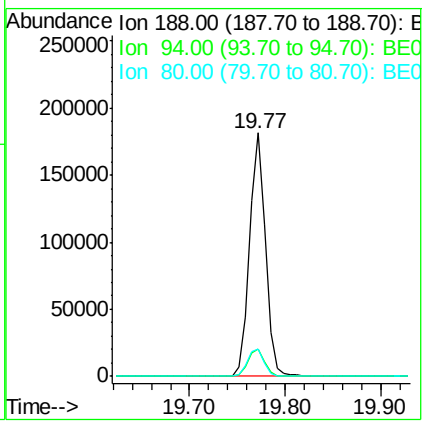


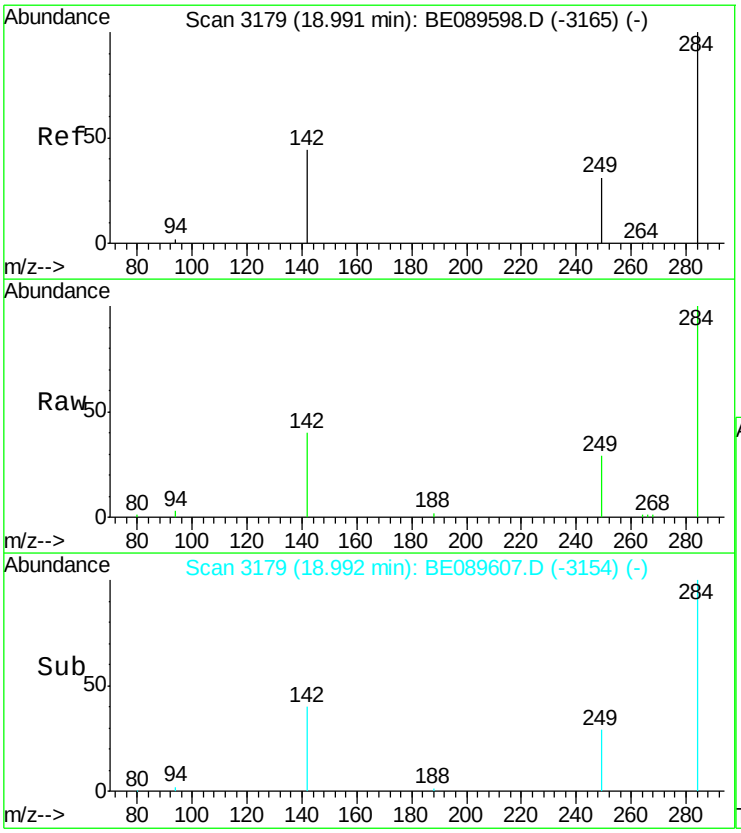
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3294
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:188 Resp: 213509

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.3	9.8	14.8

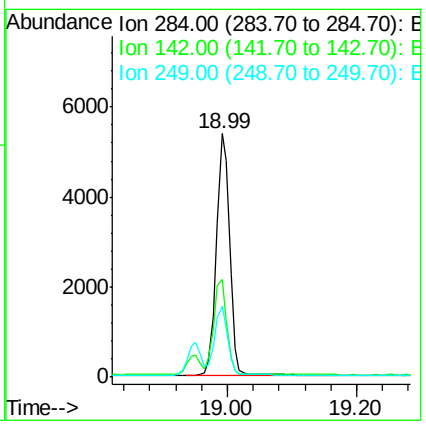


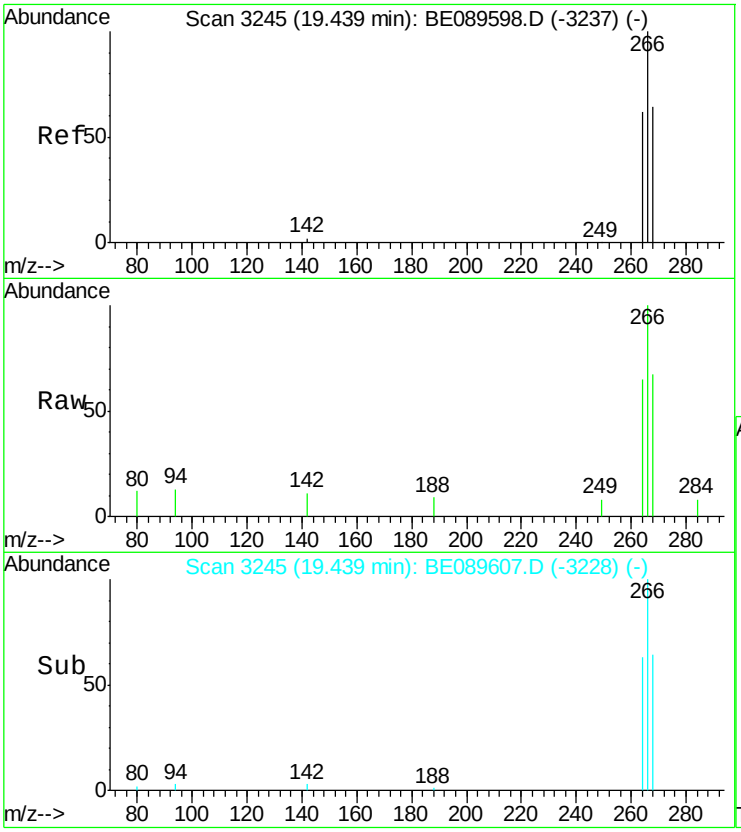


#18
Hexachlorobenzene
Concen: 0.81 ng
RT: 18.99 min Scan# 3179
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:284 Resp: 7466

Ion	Ratio	Lower	Upper
284	100		
142	40.3	35.6	53.4
249	29.3	25.2	37.8



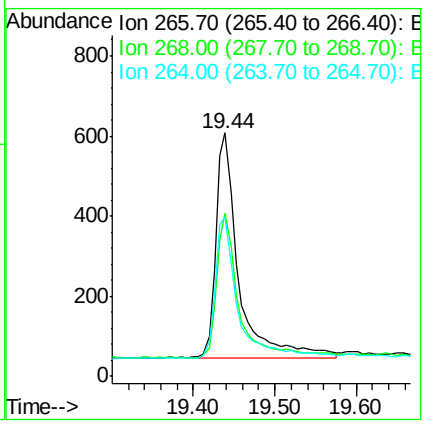


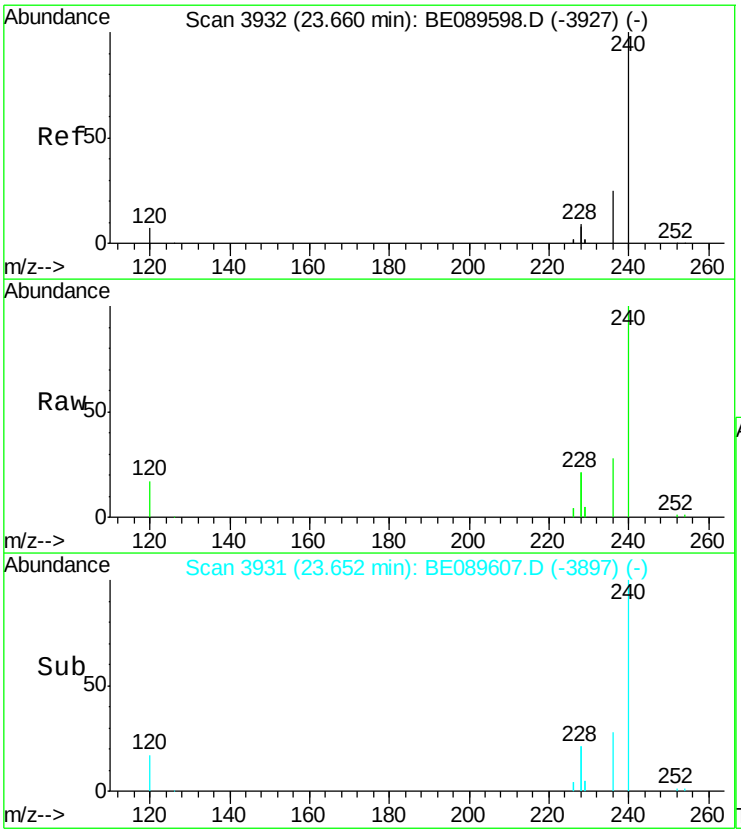
#19
Pentachlorophenol
Concen: 0.91 ng
RT: 19.44 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:266 Resp: 1103

Ion	Ratio	Lower	Upper
266	100		
268	67.1	53.0	79.4
264	65.1	51.9	77.9

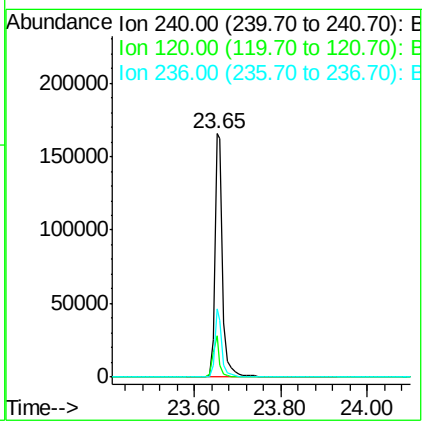


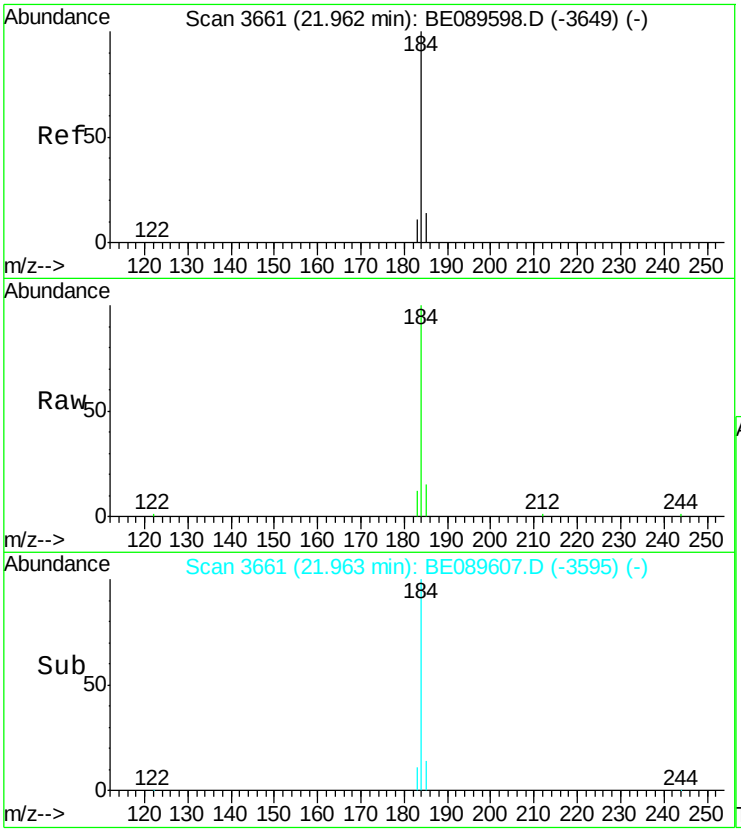


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3931
Delta R.T. -0.01 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:240 Resp: 218550

Ion	Ratio	Lower	Upper
240	100		
120	17.1	5.4	8.0#
236	28.2	19.8	29.6



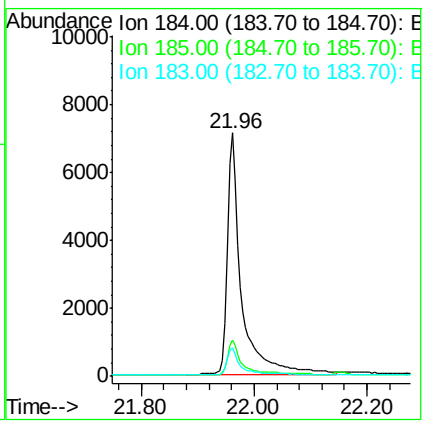


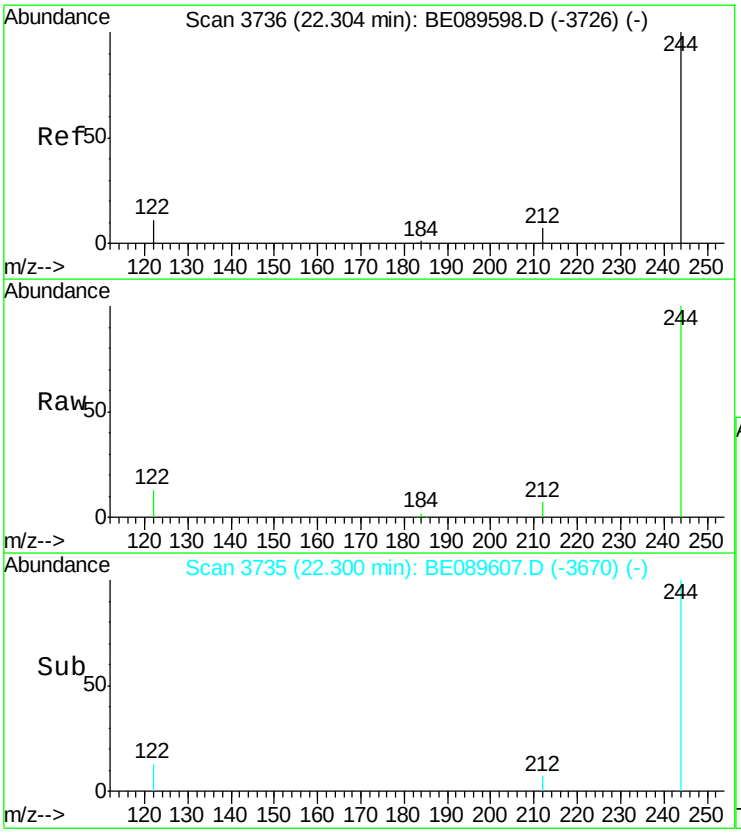
#21
Benzidine
Concen: 0.99 ng
RT: 21.96 min Scan# 3661
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:184 Resp: 12204

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.8	17.8
183	11.6	9.3	13.9

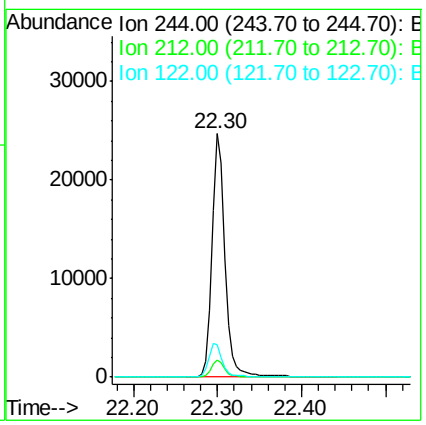


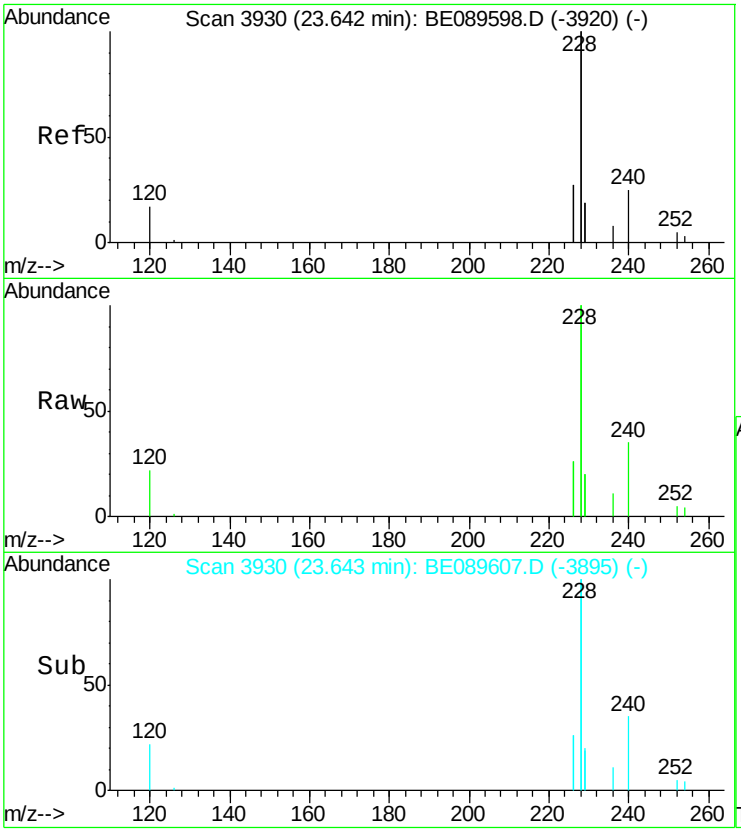


#22
Terphenyl-d14
Concen: 0.88 ng
RT: 22.30 min Scan# 3735
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:244 Resp: 26066

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	13.5	8.6	13.0#



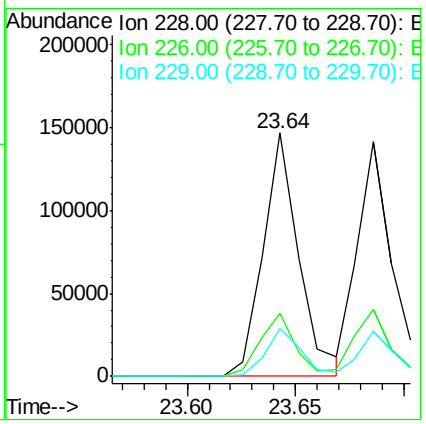


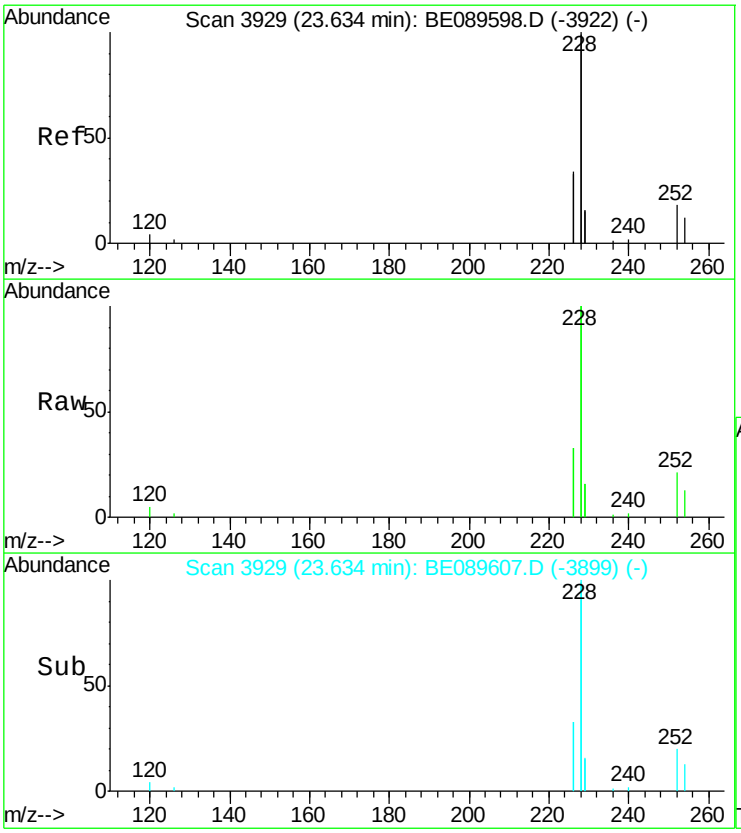
#23
Benzo(a)anthracene
Concen: 0.90 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 167711

Ion	Ratio	Lower	Upper
228	100		
226	26.1	21.5	32.3
229	19.6	15.0	22.6

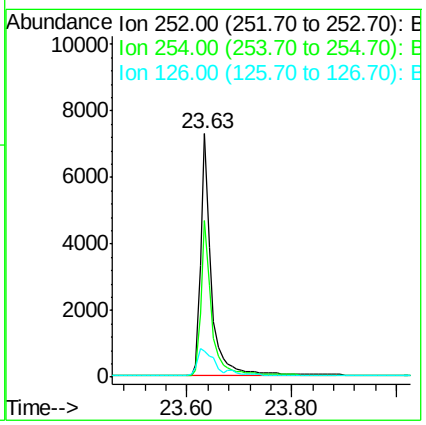


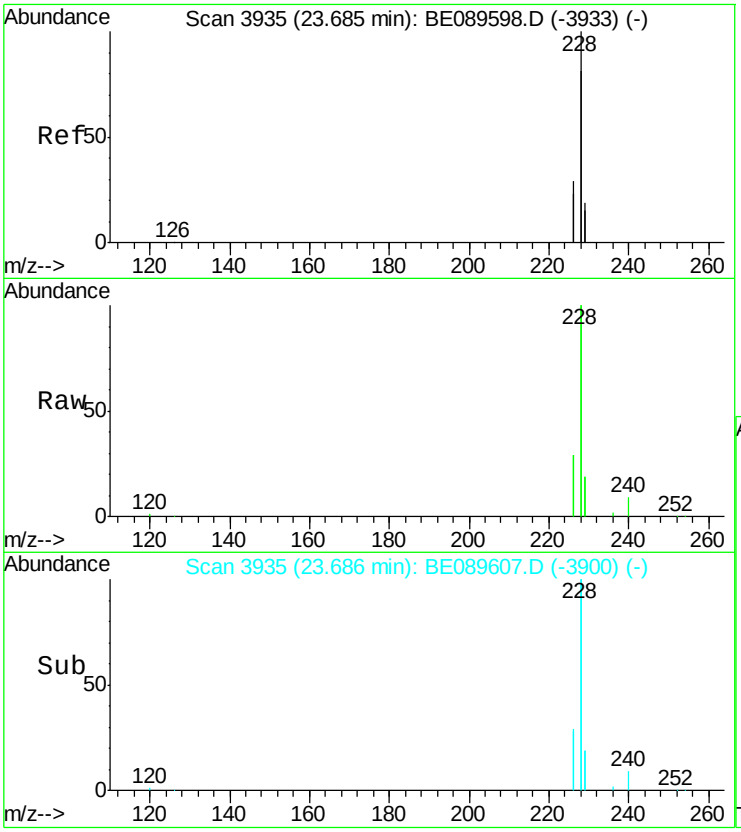


#24
3,3'-Dichlorobenzidine
Concen: 1.07 ng
RT: 23.63 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:252 Resp: 10238

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.7	77.5
126	10.6	9.9	14.9



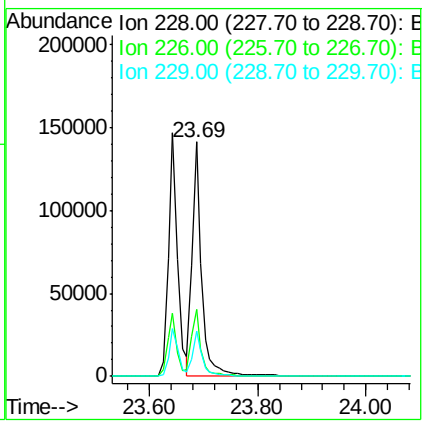


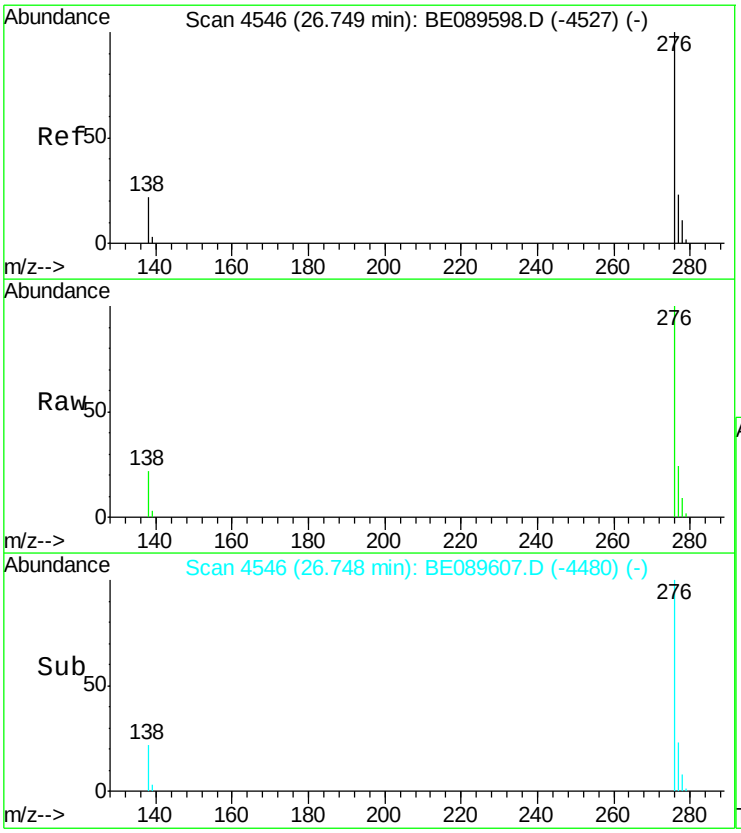
#25
Chrysene
Concen: 0.81 ng
RT: 23.69 min Scan# 3935
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:228 Resp: 172731

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.4	35.2
229	19.5	15.3	22.9

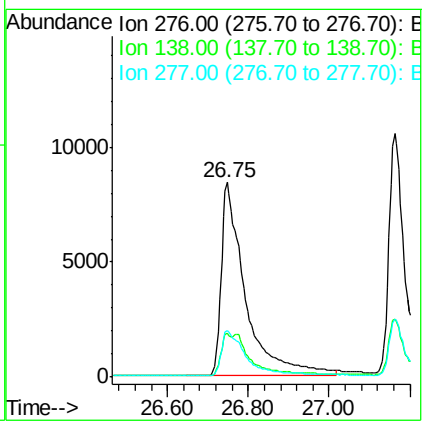


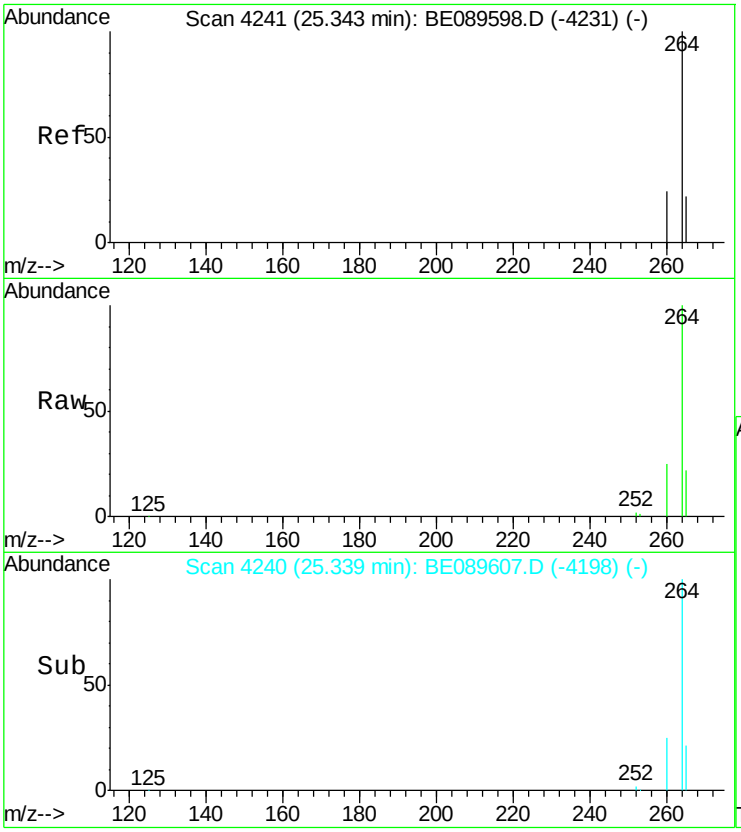


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.90 ng
RT: 26.75 min Scan# 4546
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:276 Resp: 35300

Ion	Ratio	Lower	Upper
276	100		
138	8.8	0.0	0.0#
277	24.5	19.9	29.9



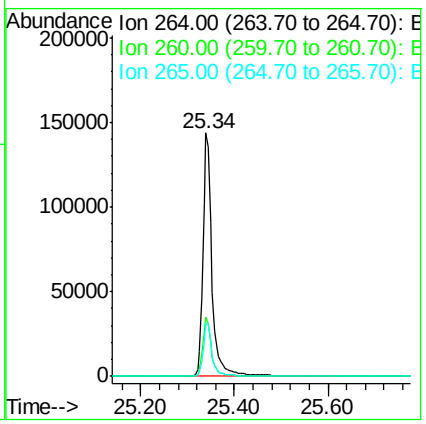


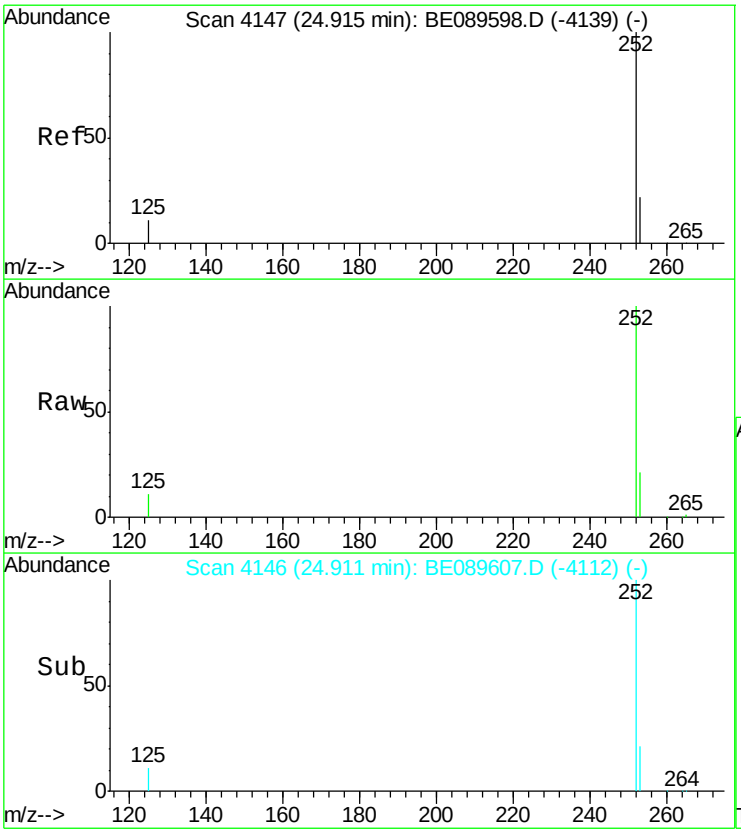
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4240
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:264 Resp: 191900

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.0	28.4
265	21.5	17.8	26.8

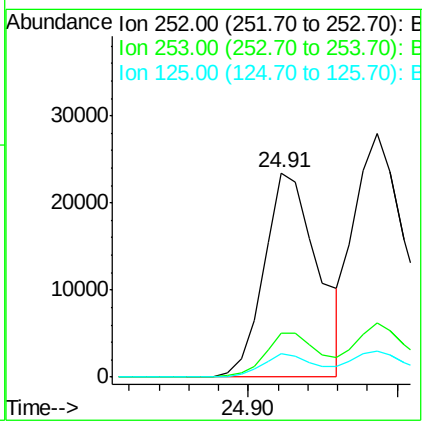


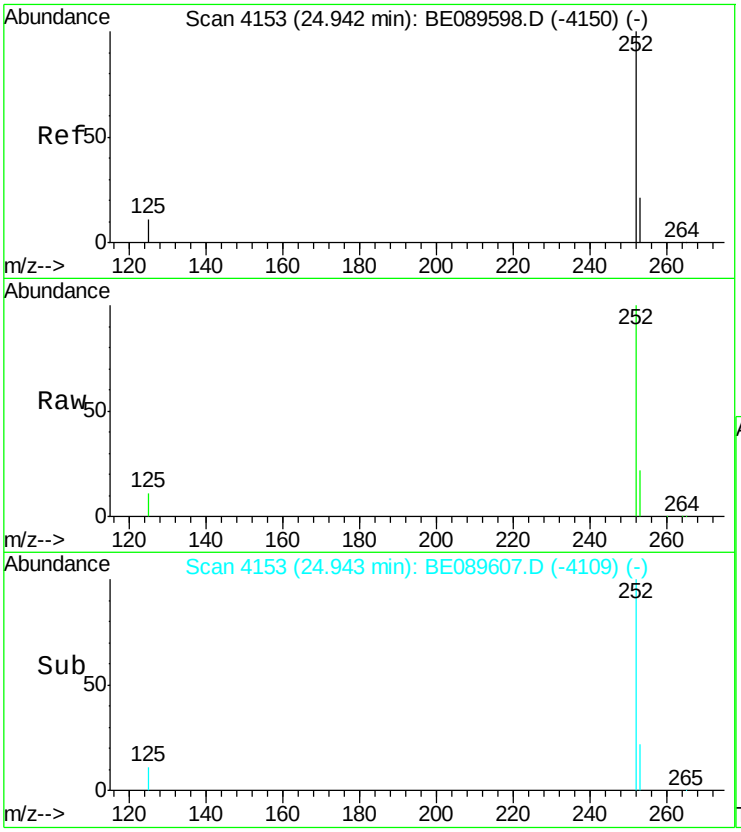


#28
Benzo(b)fluoranthene
Concen: 0.90 ng
RT: 24.91 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:252 Resp: 29169

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.8
125	11.4	8.9	13.3



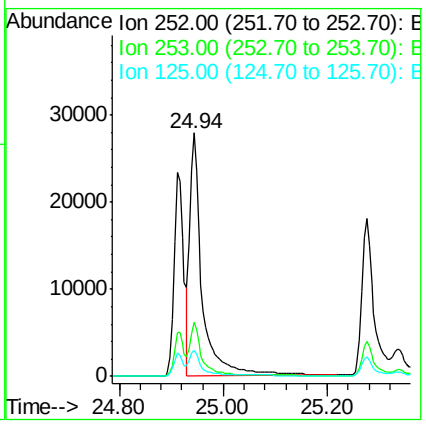


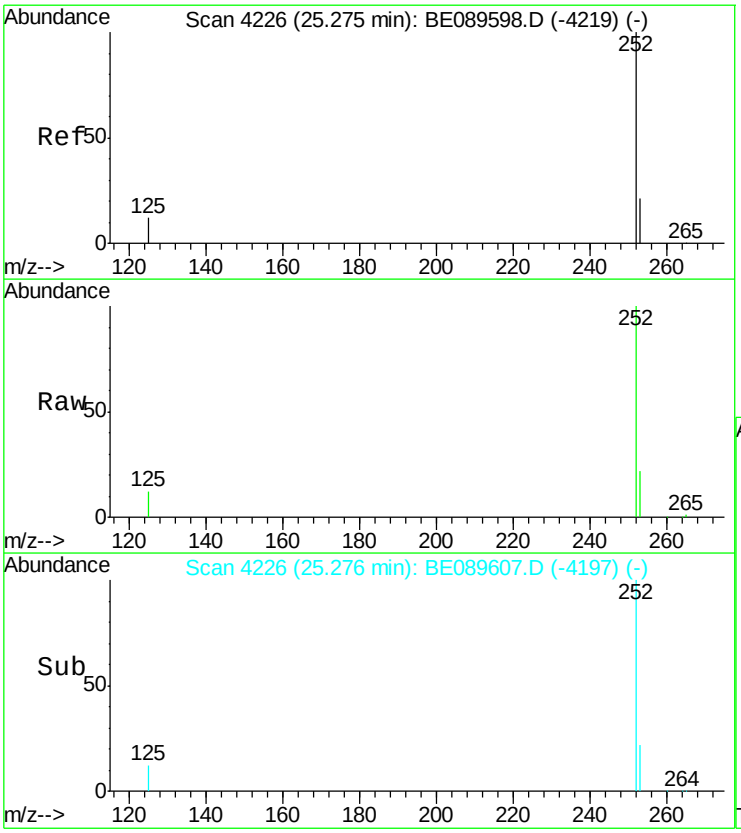
#29
Benzo(k)fluoranthene
Concen: 0.81 ng
RT: 24.94 min Scan# 4153
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:252 Resp: 44884

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	10.9	8.9	13.3

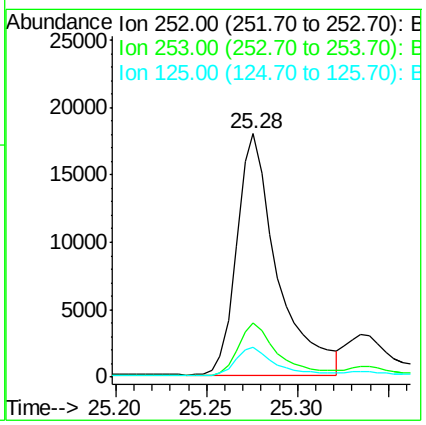


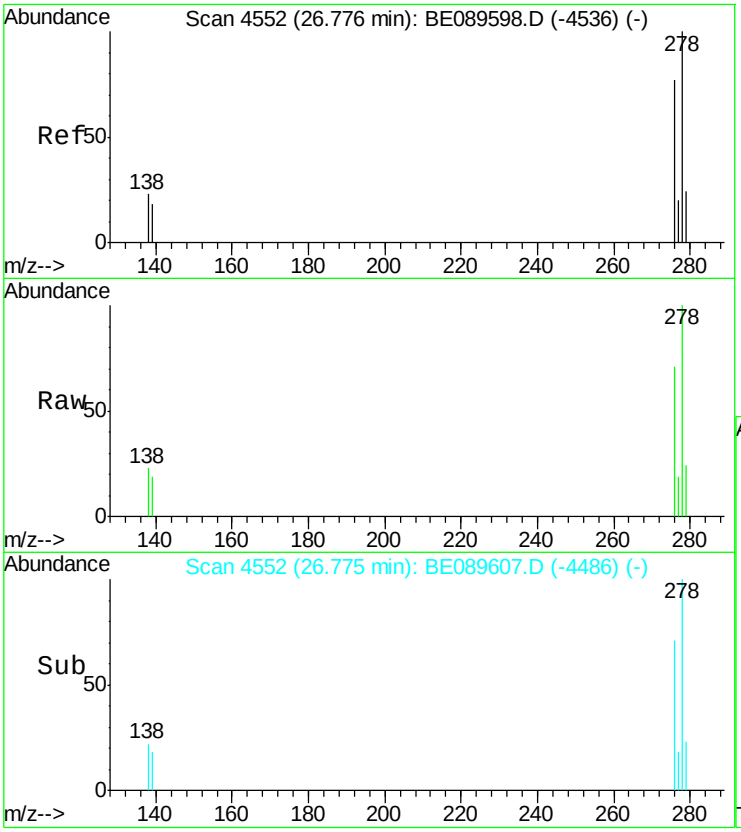


#30
Benzo(a)pyrene
Concen: 0.88 ng
RT: 25.28 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Tgt Ion:252 Resp: 27761

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.1	9.8	14.8





#31
Dibenzo(a,h)anthracene
Concen: 0.89 ng
RT: 26.78 min Scan# 4552
Delta R.T. -0.00 min
Lab File: BE089607.D
Acq: 17 Feb 2015 23:37

Instrument :
BNA_E
ClientSampleId :
SSTDCCC001

Tgt Ion:278 Resp: 27692

Ion	Ratio	Lower	Upper
278	100		
139	18.9	14.6	21.8
279	24.0	19.4	29.0