Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
Data File : BE089710.D
Acq On : 27 Feb 2015 4:00
Operator : TP/JJ
Sample : PB81904BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81904BSD

Quant Time: Feb 27 05:24:05 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE022615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 05:11:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	43191	5.00	ng		0.00
7) Naphthalene-d8	12.23	136	181848	5.00	ng		0.00
13) Acenaphthene-d10	16.41	164	83705	5.00	ng		0.00
17) Phenanthrene-d10	19.76	188	148241	5.00	ng		0.00
20) Chrysene-d12	23.65	240	130476	5.00	ng		0.00
27) Perylene-d12	25.33	264	99134	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.49	112	156774	15.00	ng		0.00
4) Phenol-d6	8.61	99	210902	14.86	ng		0.00
8) Nitrobenzene-d5	10.60	82	118582	10.51	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	19654	13.60	ng		0.00
15) 2-Fluorobiphenyl	14.87	172	202697	10.90	ng		0.00
22) Terphenyl-d14	22.30	244	186723	11.81	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.32	42	64538	8.74	ng	#	77
5) Phenol	8.64	94	150495	9.71	ng	#	61
6) bis(2-Chloroethyl)ether	8.82	93	122090	10.05	ng	#	98
9) Nitrobenzene	10.64	77	126140	11.78	ng		97
10) 2,4-Dimethylphenol	11.57	122	86721	10.41	ng		99
11) 2,4-Dichlorophenol	11.95	162	68358	11.21	ng		96
12) Hexachlorobutadiene	12.62	225	32675	9.44	ng		100
16) 2,4-Dinitrophenol	16.65	184	13089	14.71	ng	#	86
18) Hexachlorobenzene	18.99	284	39688	10.29	ng		88
19) Pentachlorophenol	19.43	266	28557	14.73	ng		94
21) Benzidine	21.96	184	304227	17.04	ng		98
23) Benzo(a)anthracene	23.69	228	1117417	12.05	ng		97
24) 3,3'-Dichlorobenzidine	23.63	252	81444	9.70	ng	#	97
25) Chrysene	23.63	228	1034127	9.06	ng		99
26) Indeno(1,2,3-cd)pyrene	26.74	276	199456	8.96	ng	#	79
28) Benzo(b)fluoranthene	24.91	252	182962	9.92	ng		99
29) Benzo(k)fluoranthene	24.94	252	270854	9.91	ng		99
30) Benzo(a)pyrene	25.27	252	187091	10.10	ng		99
31) Dibenzo(a,h)anthracene	26.77	278	161917	9.61	ng		100

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

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Instrument :
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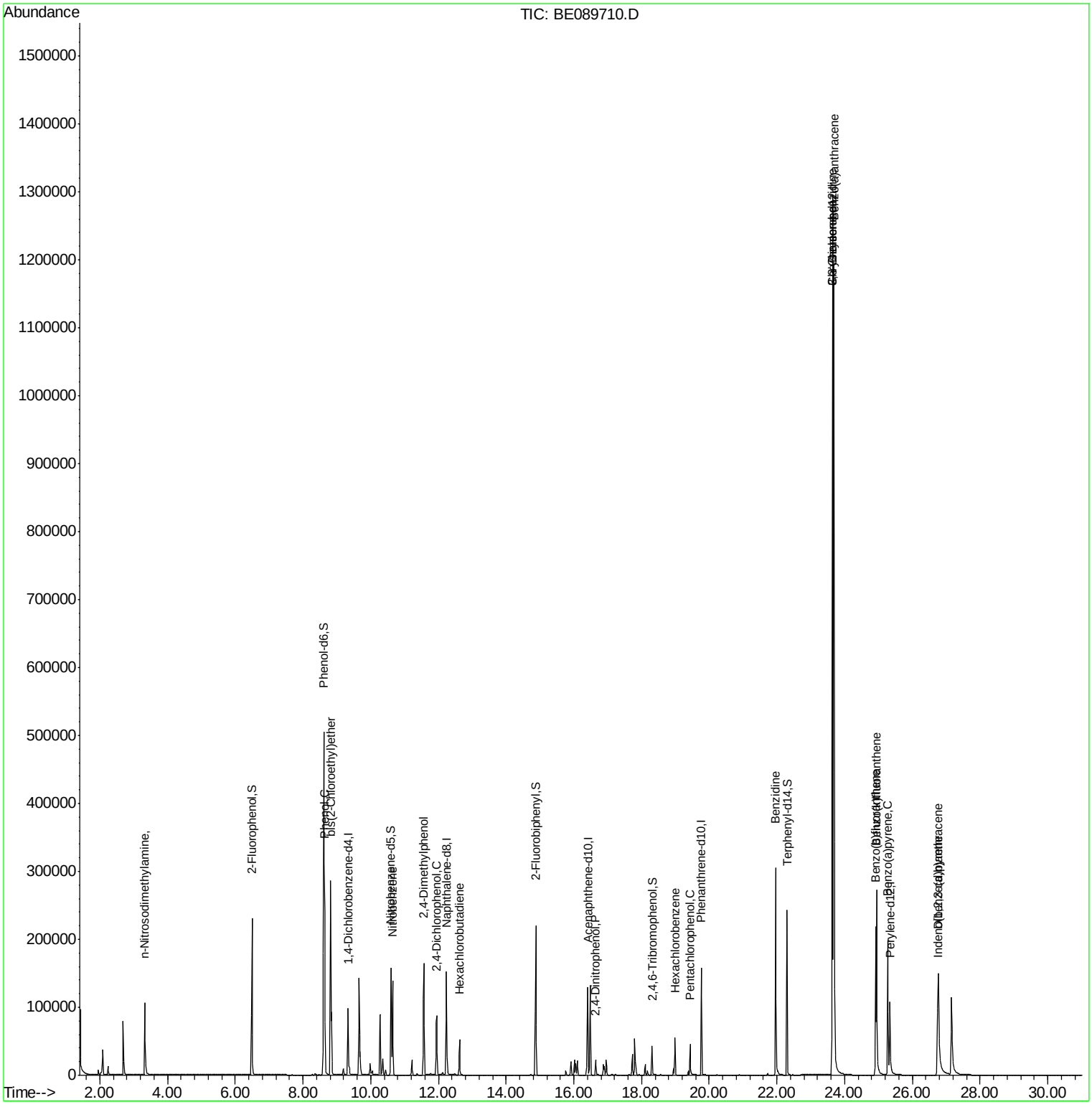
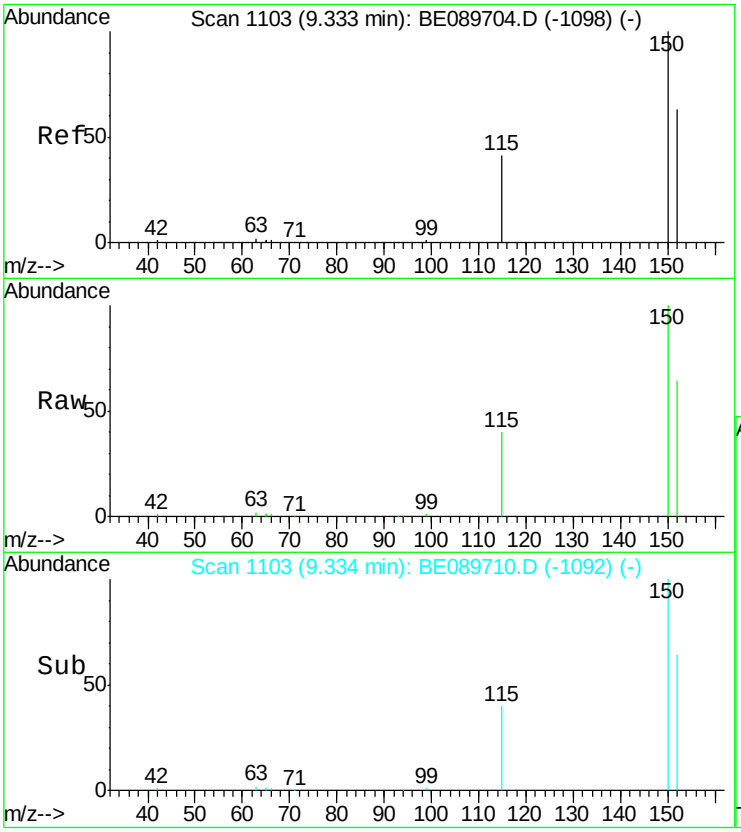


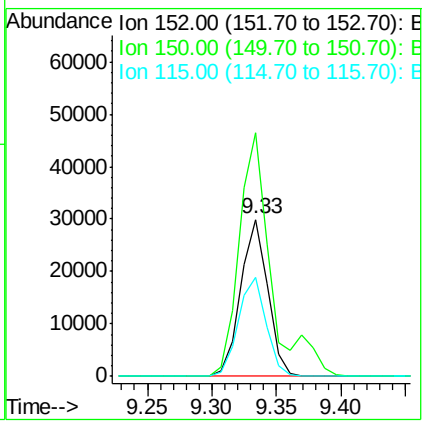


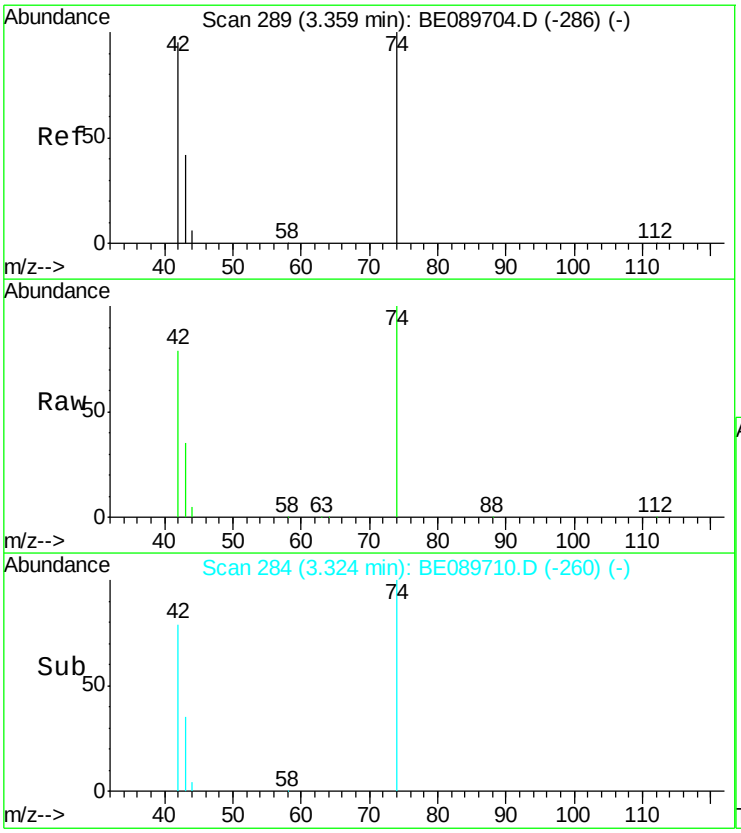
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.33 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:152 Resp: 43191

Ion	Ratio	Lower	Upper
152	100		
150	155.5	127.3	190.9
115	62.9	52.0	78.0

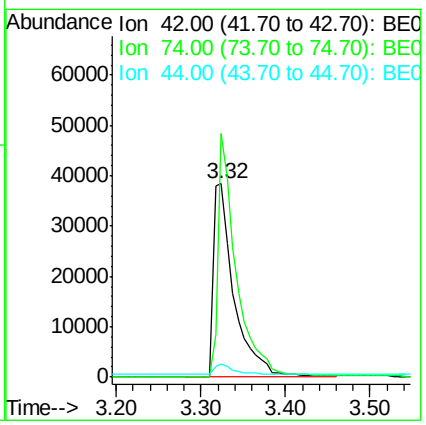


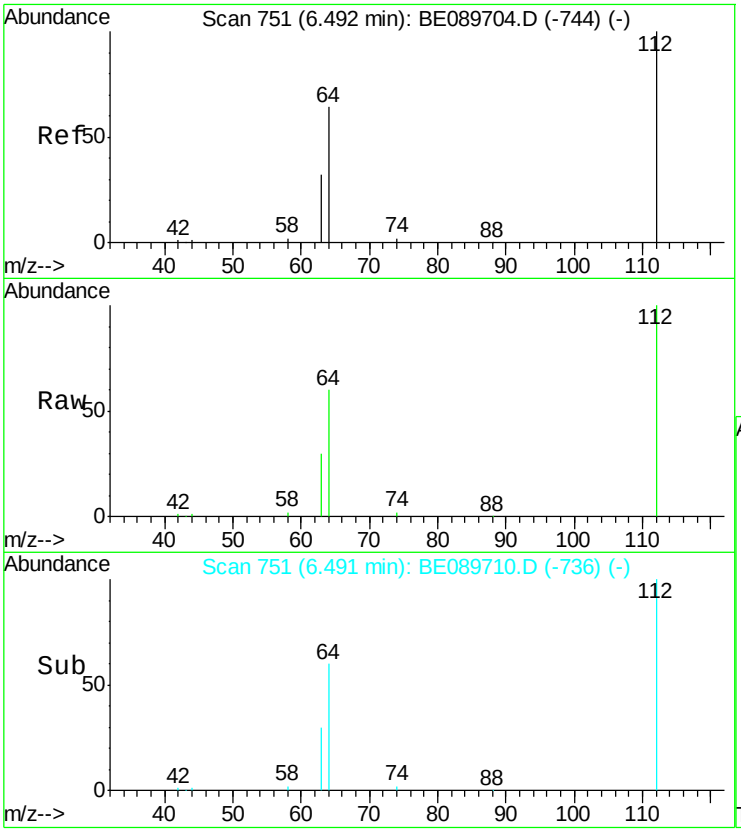


#2
n-Nitrosodimethylamine
Concen: 8.74 ng
RT: 3.32 min Scan# 284
Delta R.T. -0.03 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion: 42 Resp: 64538

Ion	Ratio	Lower	Upper
42	100		
74	125.8	83.8	125.8#
44	6.8	19.0	28.6#



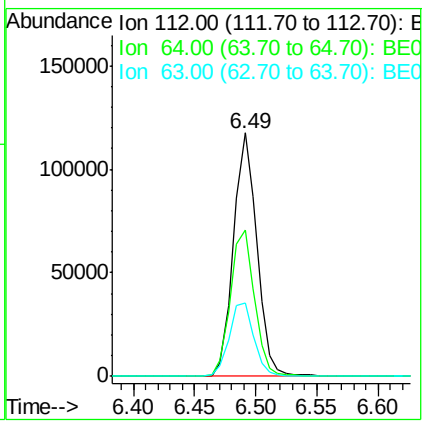


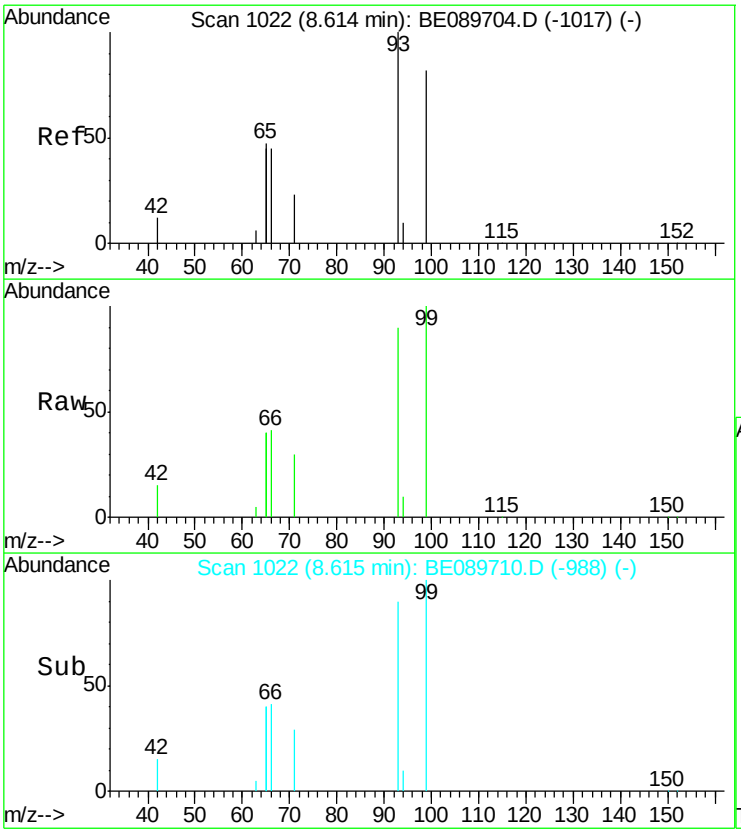
#3
2-Fluorophenol
Concen: 15.00 ng
RT: 6.49 min Scan# 751
Delta R.T. -0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:112 Resp: 156774

Ion	Ratio	Lower	Upper
112	100		
64	60.0	51.3	76.9
63	30.0	26.2	39.2

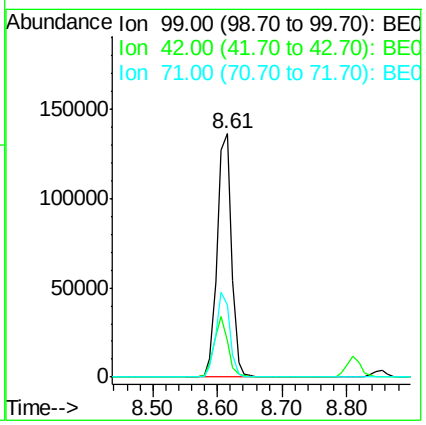


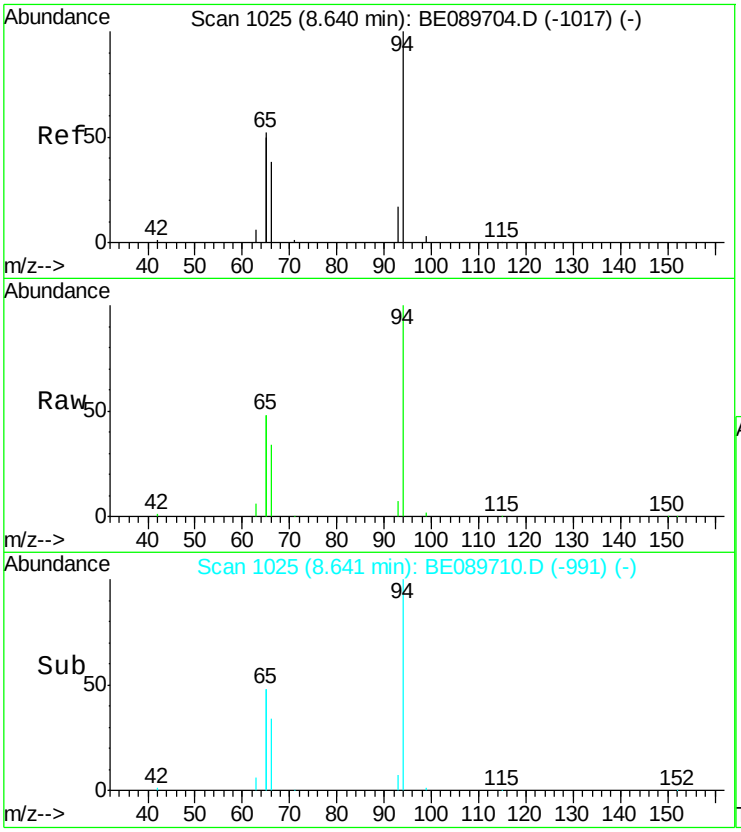


#4
Phenol-d6
Concen: 14.86 ng
RT: 8.61 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion: 99 Resp: 210902

Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.3	18.5
71	29.5	22.9	34.3



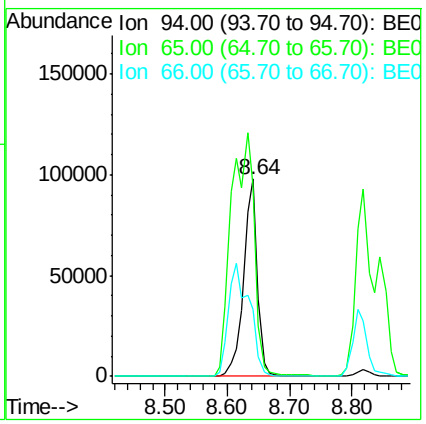


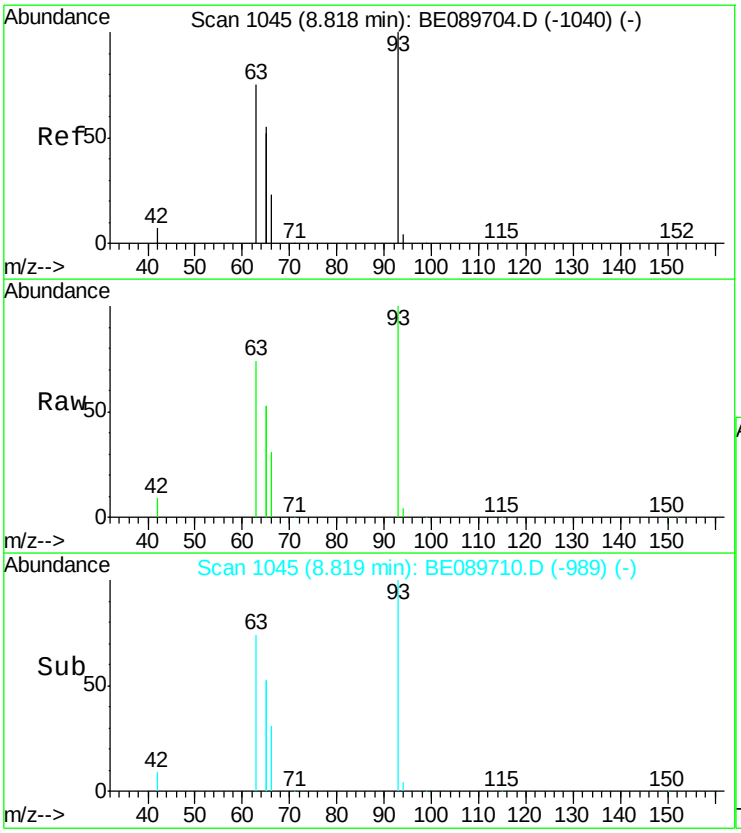
#5
Phenol
Concen: 9.71 ng
RT: 8.64 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion: 94 Resp: 150495

Ion	Ratio	Lower	Upper
94	100		
65	96.3	31.7	71.7#
66	34.2	17.9	57.9

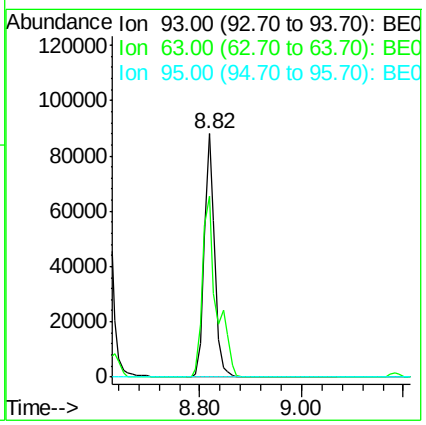


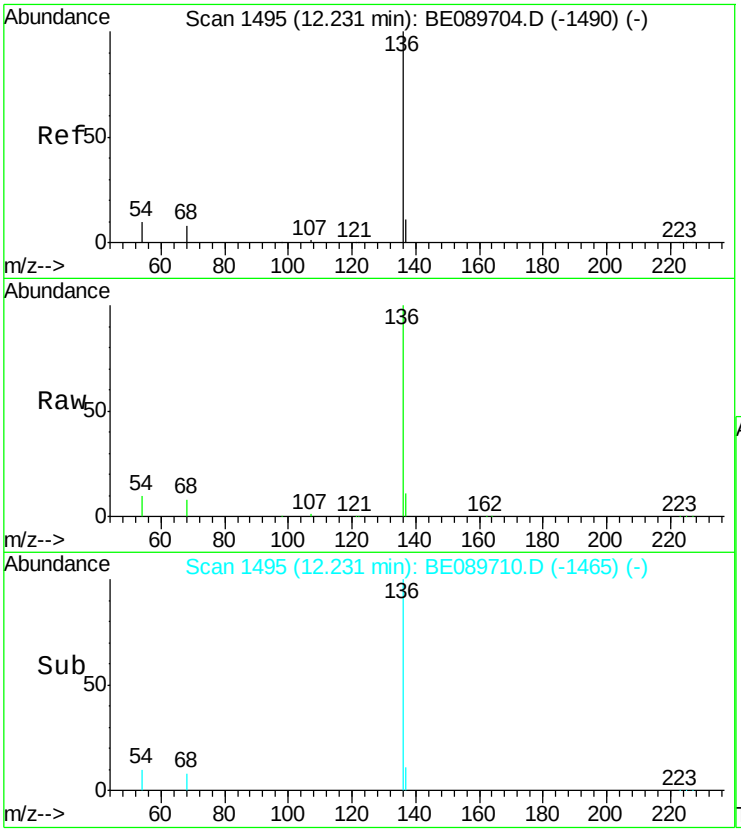


#6
bis(2-Chloroethyl)ether
Concen: 10.05 ng
RT: 8.82 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion: 93 Resp: 122090

Ion	Ratio	Lower	Upper
93	100		
63	103.2	83.8	125.8
95	0.0	0.0	0.0



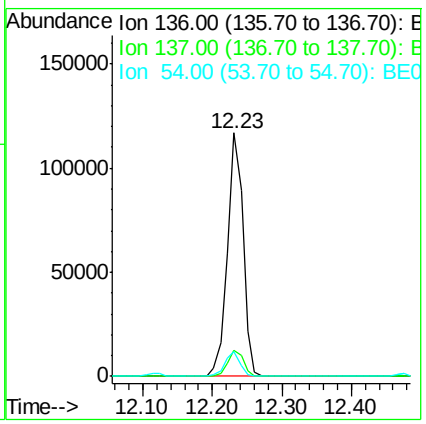


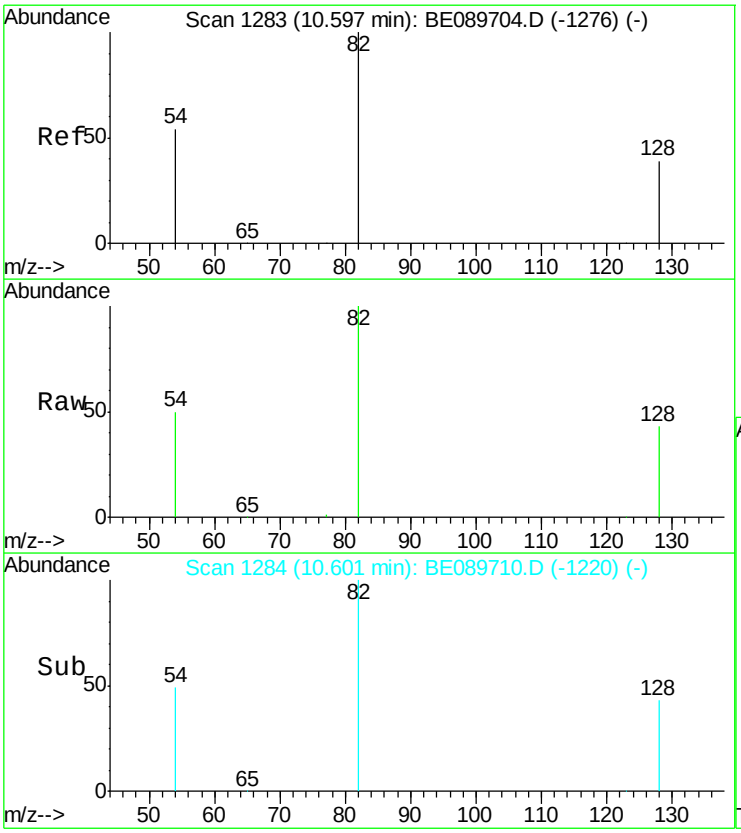
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.23 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:136 Resp: 181848

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.0	8.1	12.1

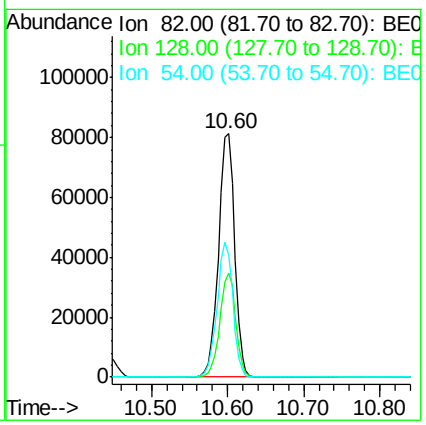


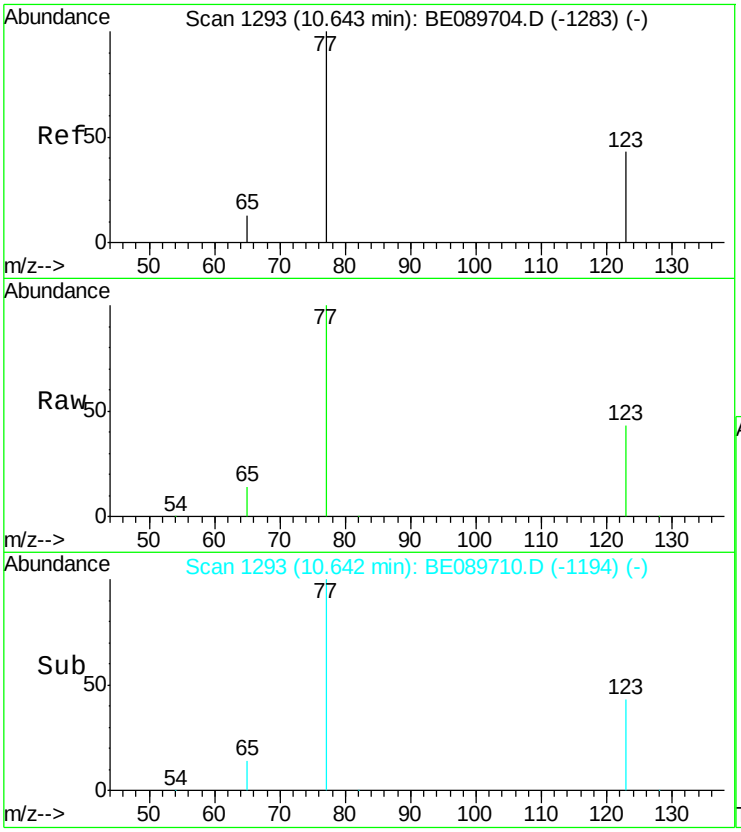


#8
Nitrobenzene-d5
Concen: 10.51 ng
RT: 10.60 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion: 82 Resp: 118582

Ion	Ratio	Lower	Upper
82	100		
128	42.9	31.4	47.2
54	50.1	43.8	65.8



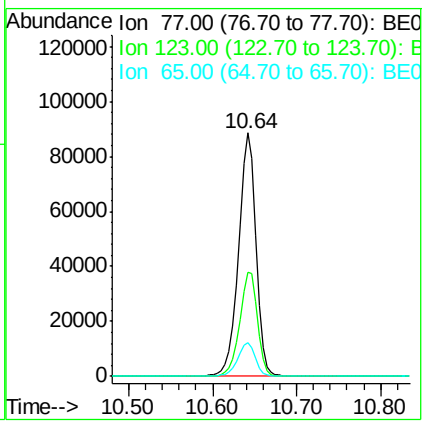


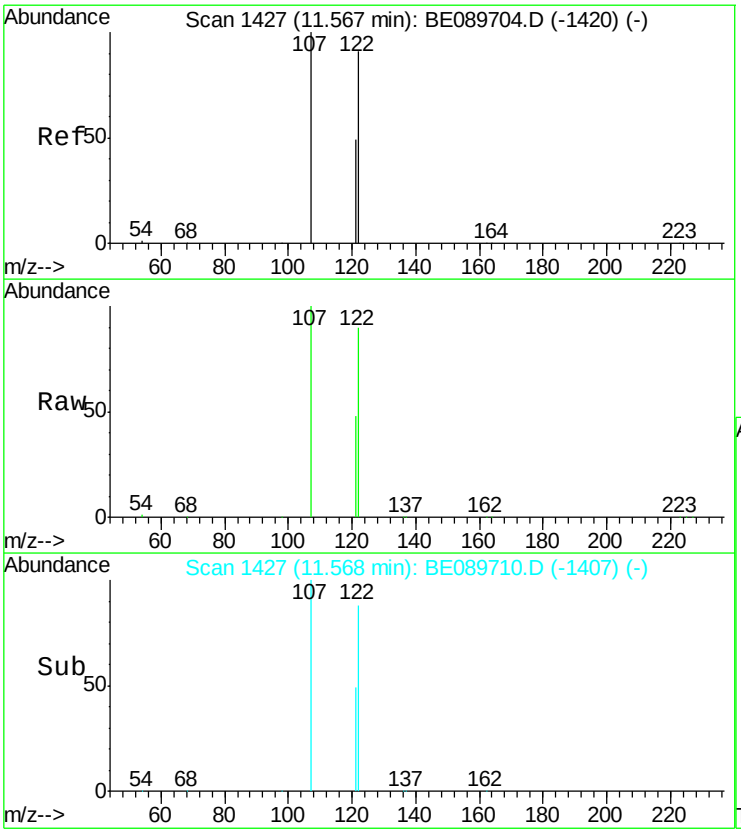
#9
Nitrobenzene
Concen: 11.78 ng
RT: 10.64 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion: 77 Resp: 126140

Ion	Ratio	Lower	Upper
77	100		
123	43.7	33.2	49.8
65	14.1	10.6	15.8

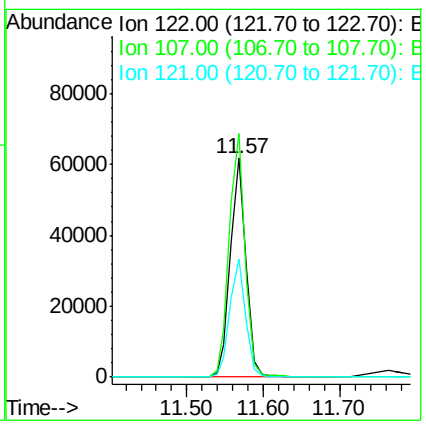


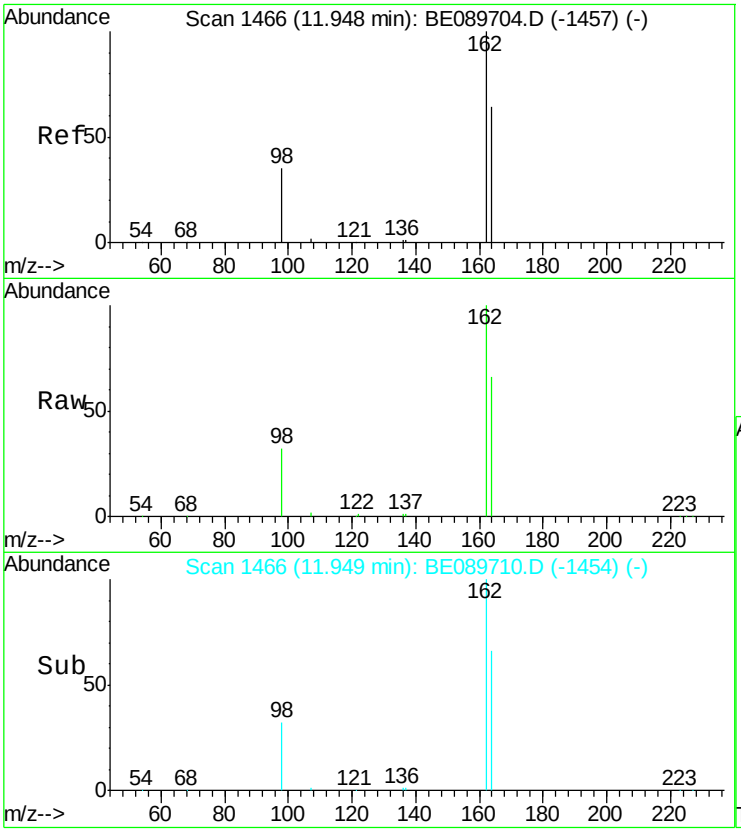


#10
2,4-Dimethylphenol
Concen: 10.41 ng
RT: 11.57 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:122 Resp: 86721

Ion	Ratio	Lower	Upper
122	100		
107	111.3	87.6	131.4
121	54.0	43.4	65.2



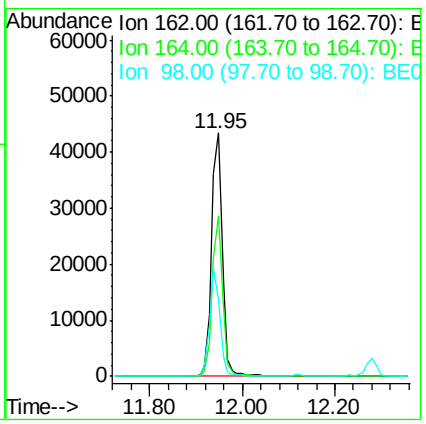


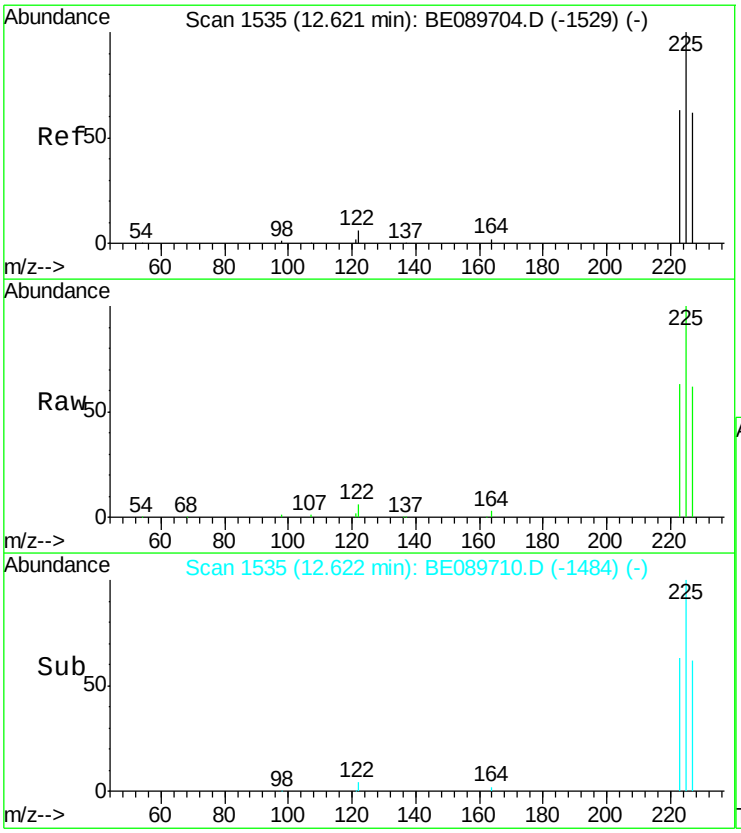
#11
2,4-Dichlorophenol
Concen: 11.21 ng
RT: 11.95 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:162 Resp: 68358

Ion	Ratio	Lower	Upper
162	100		
164	65.9	43.9	83.9
98	31.7	15.7	55.7

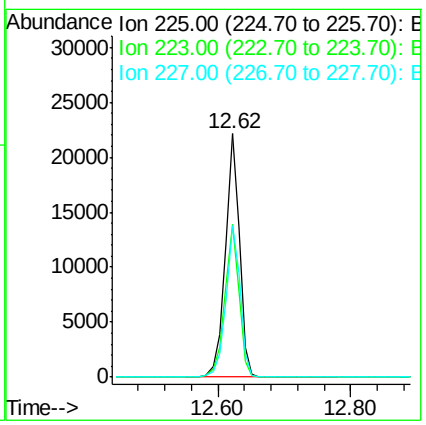


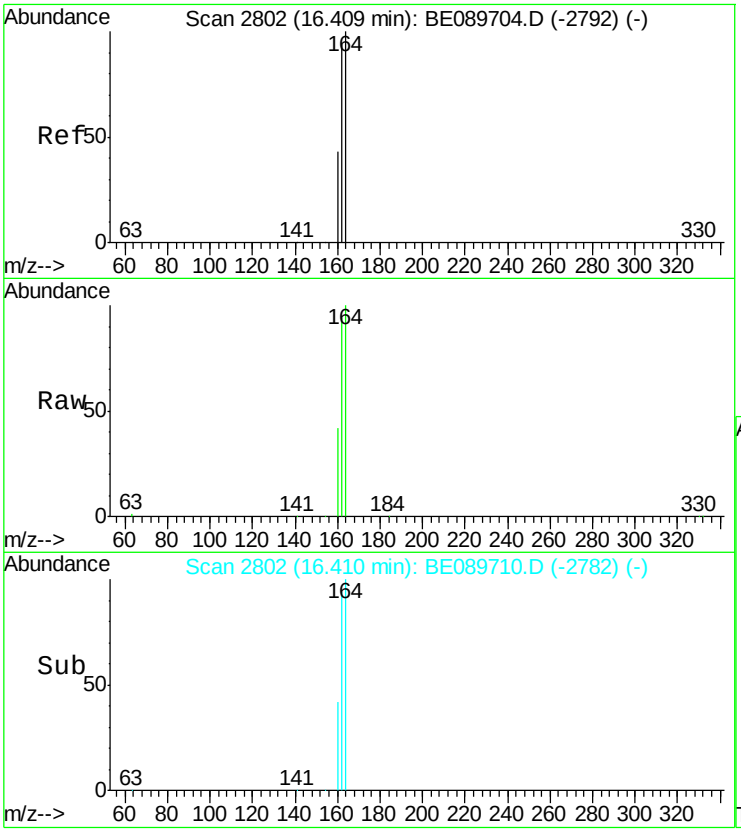


#12
Hexachlorobutadiene
Concen: 9.44 ng
RT: 12.62 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:225 Resp: 32675

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	63.1	50.8	76.2



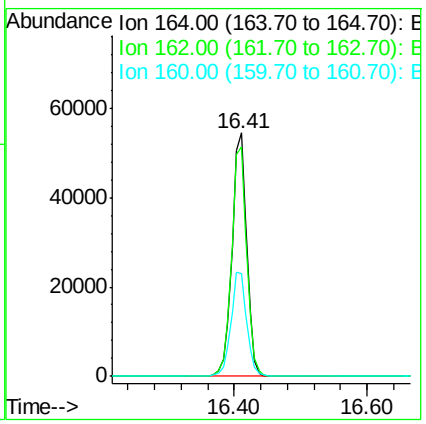


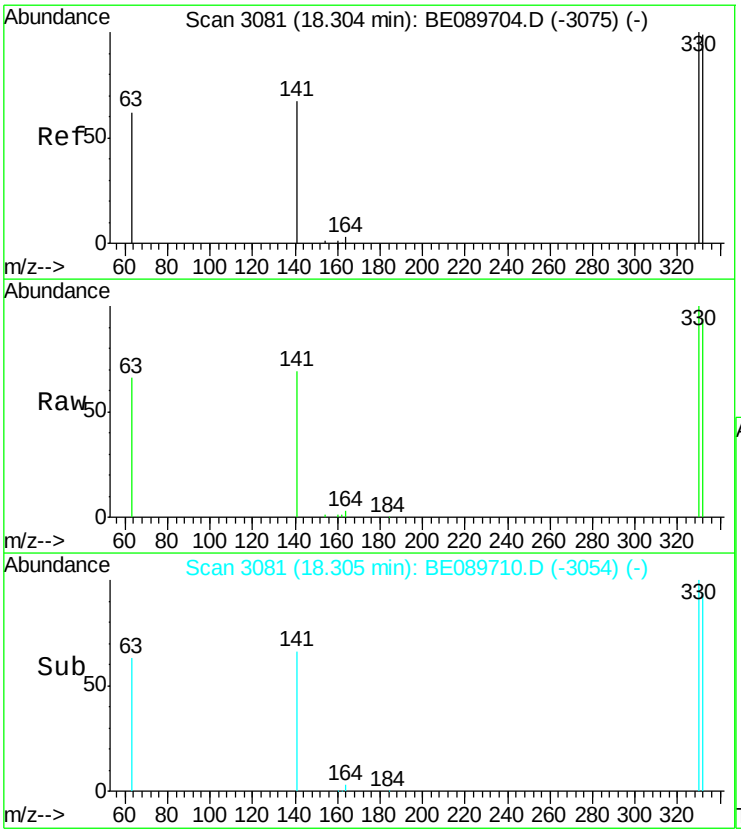
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2802
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:164 Resp: 83705

Ion	Ratio	Lower	Upper
164	100		
162	94.1	75.0	112.6
160	42.5	34.3	51.5

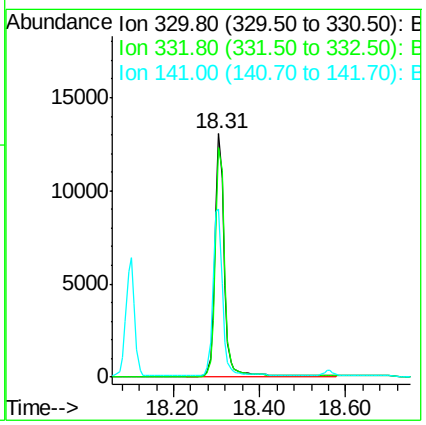


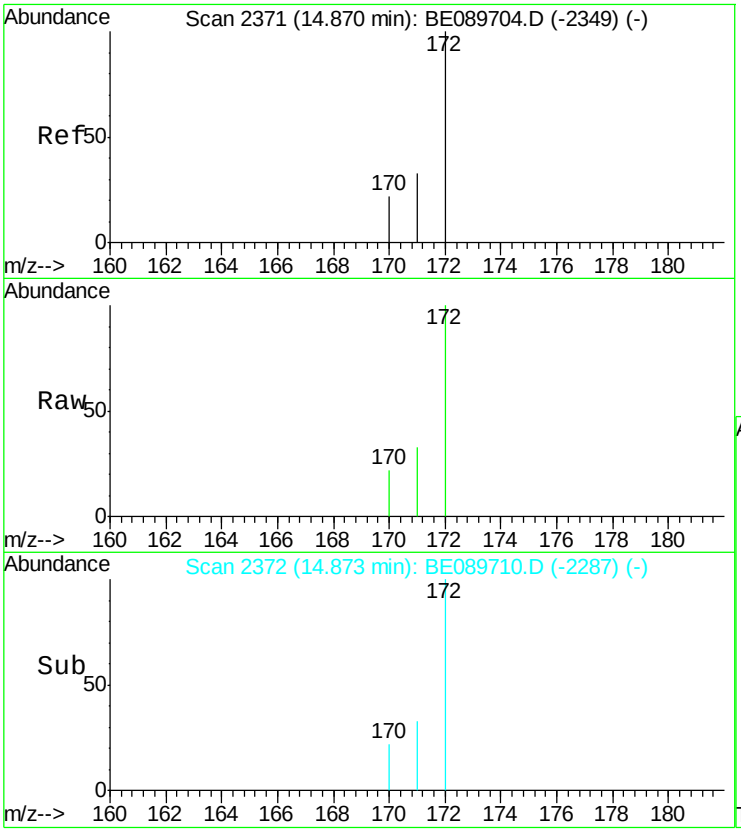


#14
2,4,6-Tribromophenol
Concen: 13.60 ng
RT: 18.31 min Scan# 3081
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:330 Resp: 19654

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	72.5	0.0	0.0#



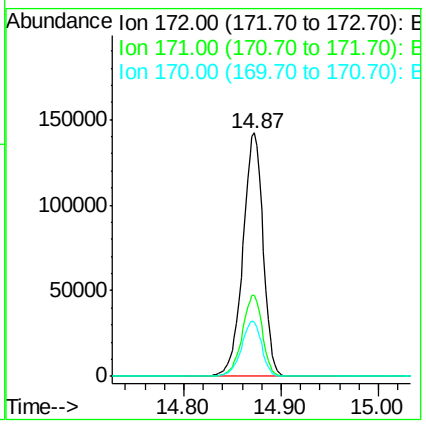


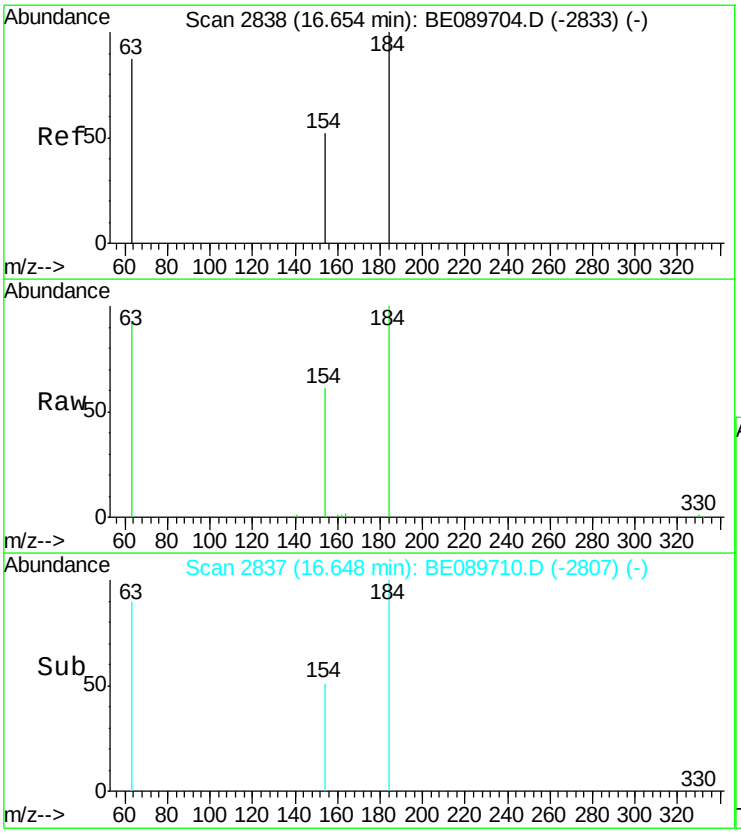
#15
2-Fluorobiphenyl
Concen: 10.90 ng
RT: 14.87 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:172 Resp: 202697

Ion	Ratio	Lower	Upper
172	100		
171	33.2	26.8	40.2
170	22.1	18.0	27.0

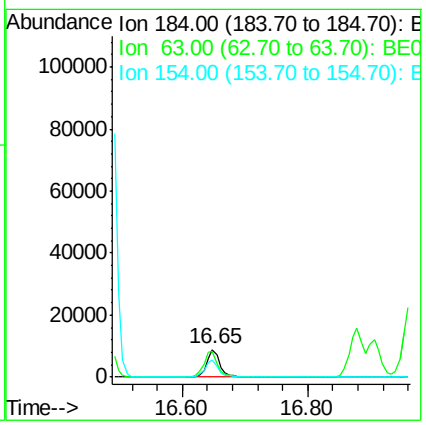


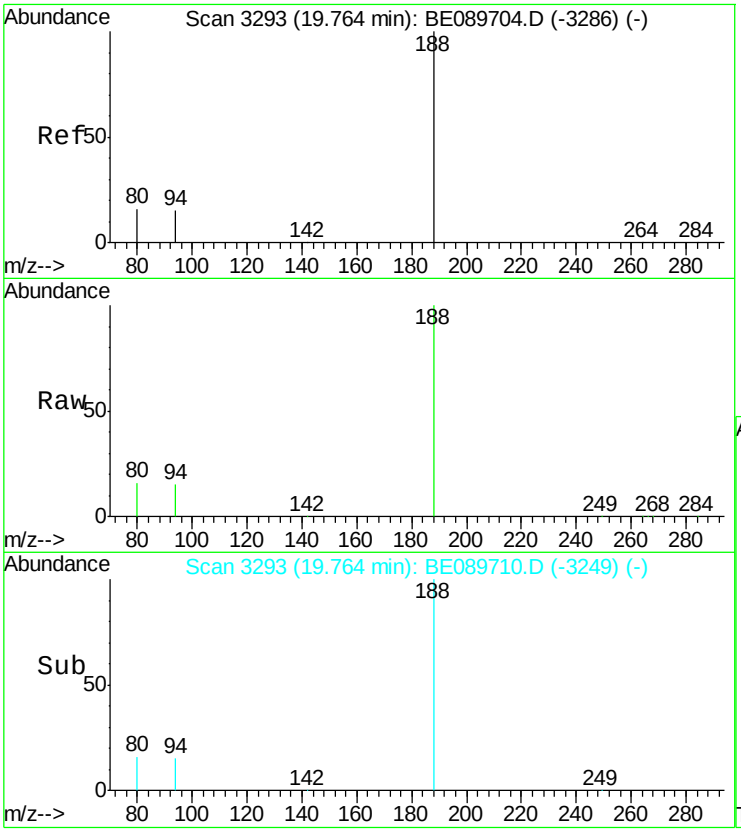


#16
2,4-Dinitrophenol
Concen: 14.71 ng
RT: 16.65 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:184 Resp: 13089

Ion	Ratio	Lower	Upper
184	100		
63	92.0	82.4	123.6
154	61.3	61.4	92.2#



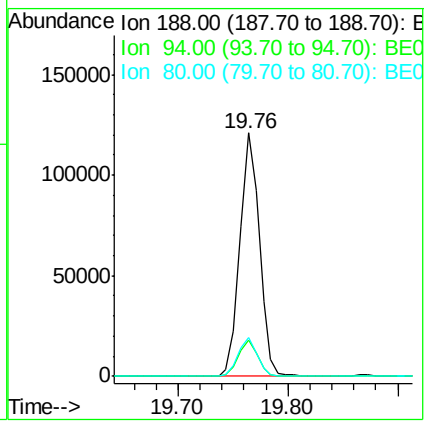


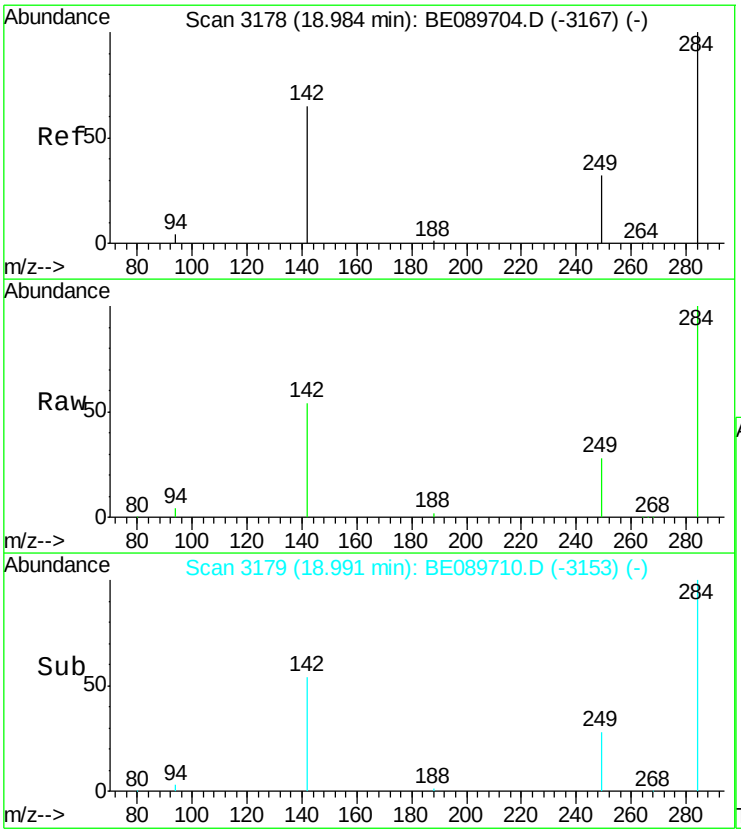
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3293
Delta R.T. -0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:188 Resp: 148241

Ion	Ratio	Lower	Upper
188	100		
94	14.9	12.1	18.1
80	15.7	12.7	19.1

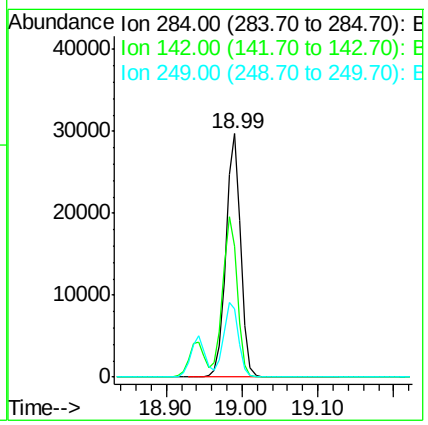


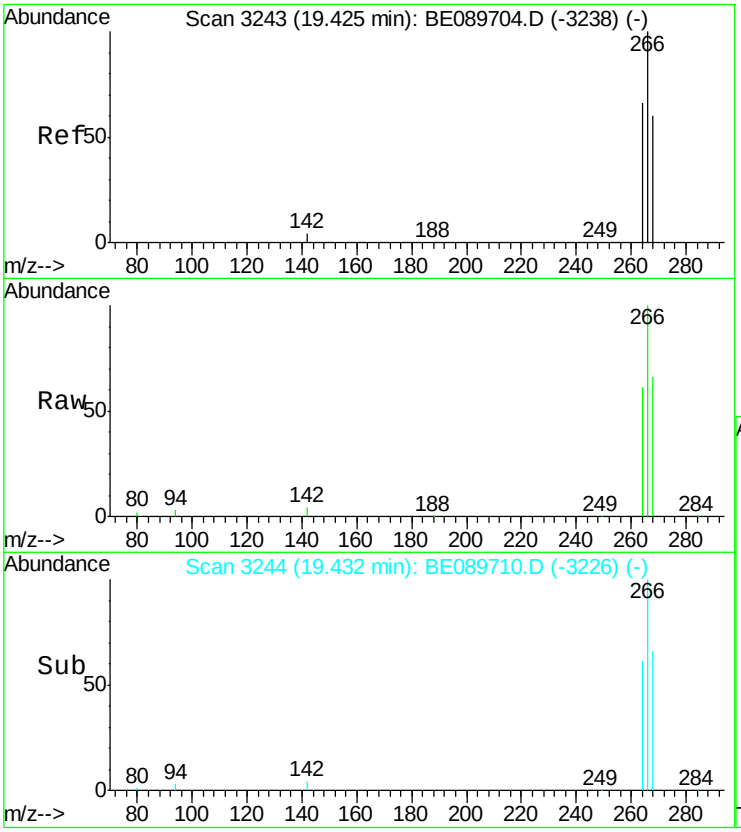


#18
Hexachlorobenzene
Concen: 10.29 ng
RT: 18.99 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:284 Resp: 39688

Ion	Ratio	Lower	Upper
284	100		
142	53.9	52.2	78.4
249	28.3	26.4	39.6



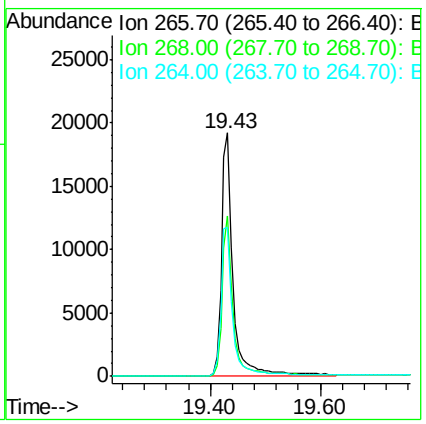


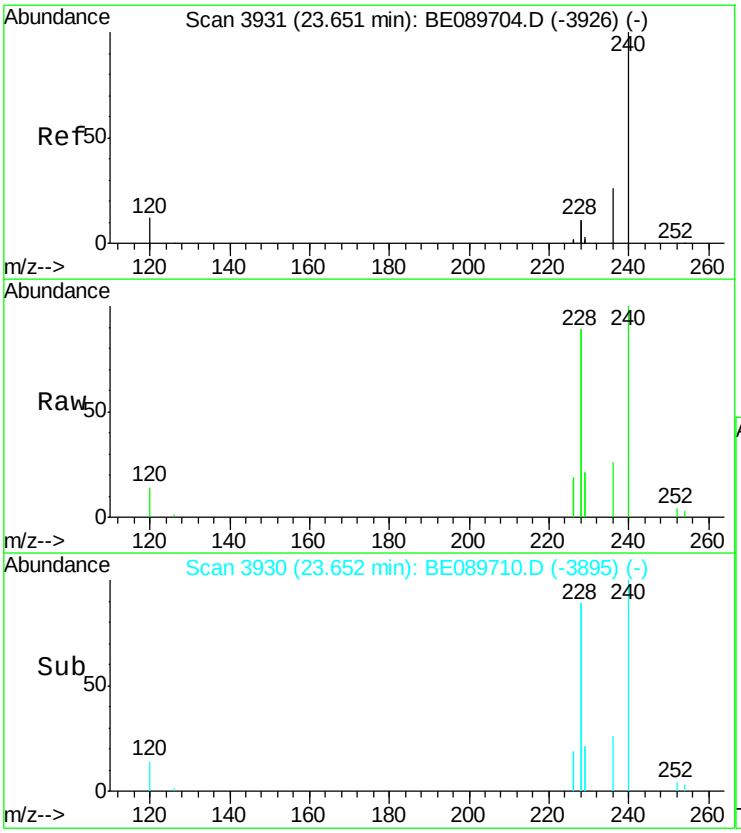
#19
Pentachlorophenol
Concen: 14.73 ng
RT: 19.43 min Scan# 3244
Delta R.T. 0.01 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:266 Resp: 28557

Ion	Ratio	Lower	Upper
266	100		
268	65.8	51.4	77.2
264	61.4	55.8	83.8

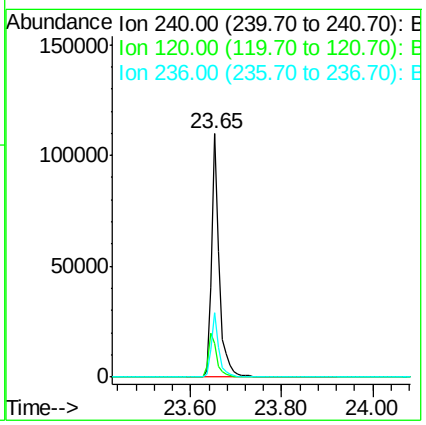


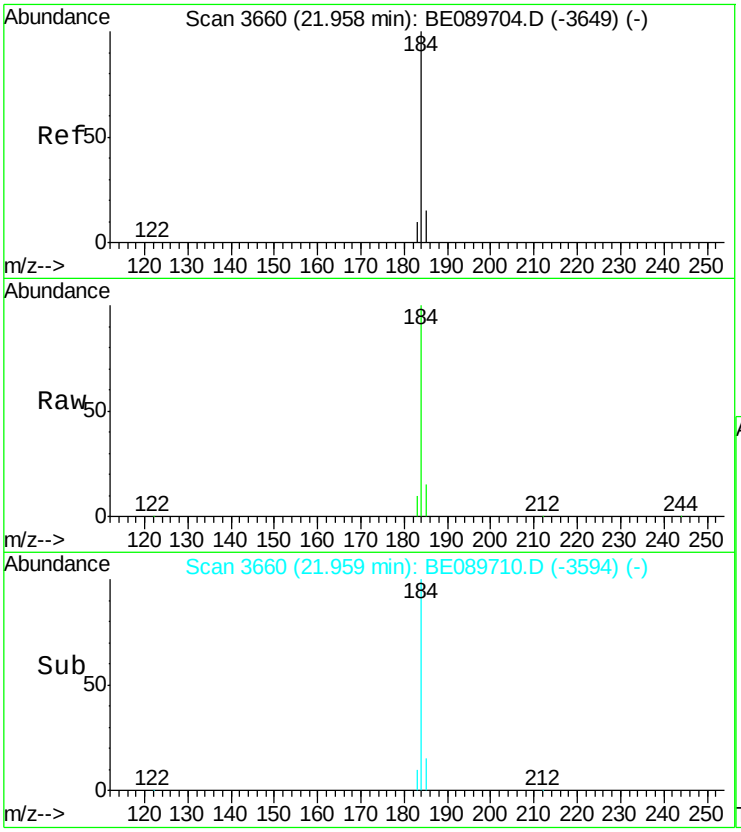


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:240 Resp: 130476

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.9	14.9
236	26.3	21.0	31.6



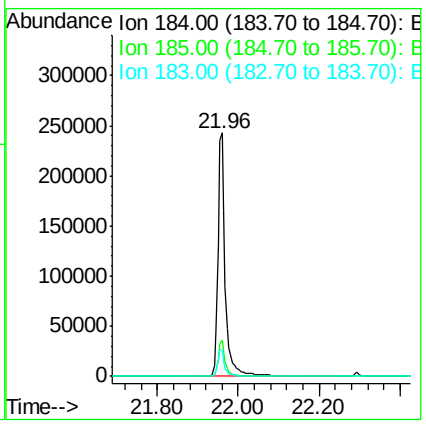


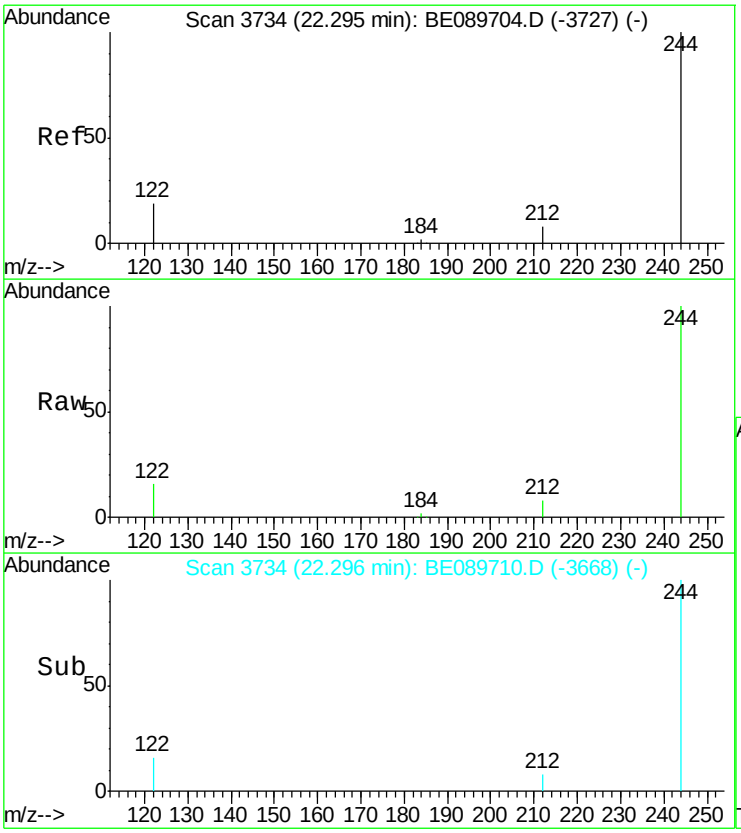
#21
Benzidine
Concen: 17.04 ng
RT: 21.96 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:184 Resp: 304227

Ion	Ratio	Lower	Upper
184	100		
185	14.9	12.8	19.2
183	10.5	8.8	13.2

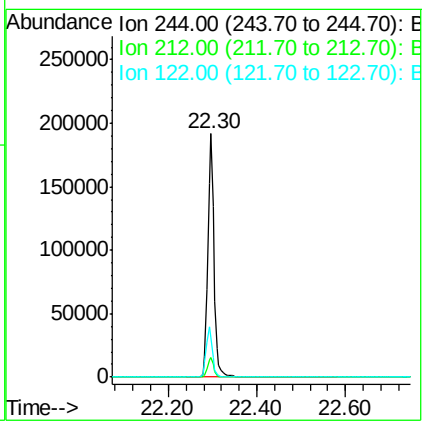


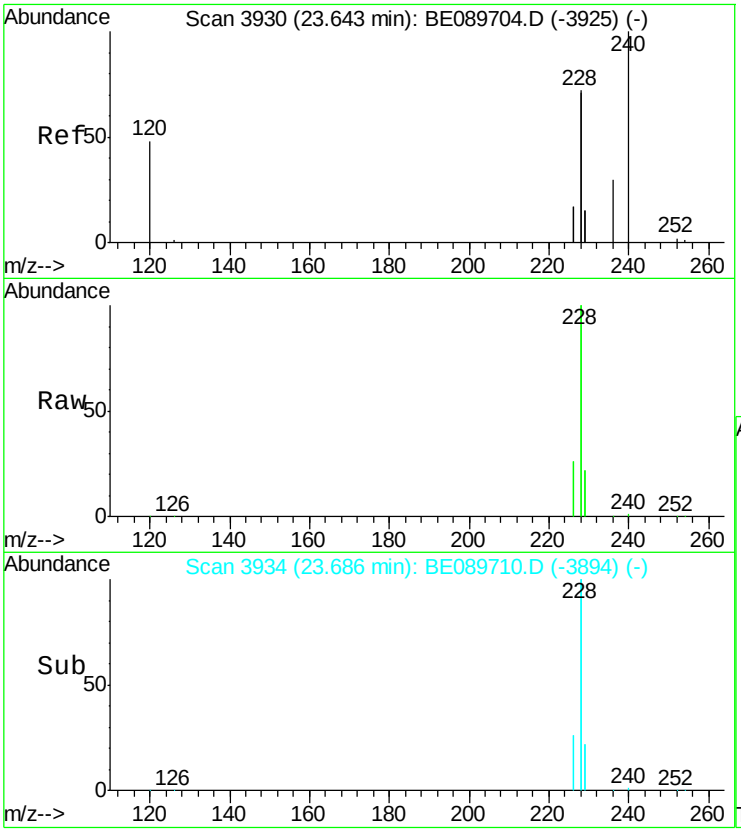


#22
Terphenyl-d14
Concen: 11.81 ng
RT: 22.30 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:244 Resp: 186723

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.7	10.1
122	16.3	15.7	23.5



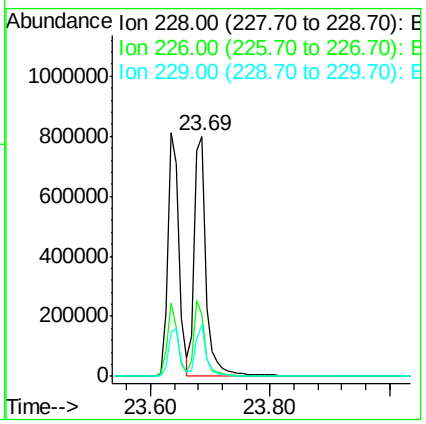


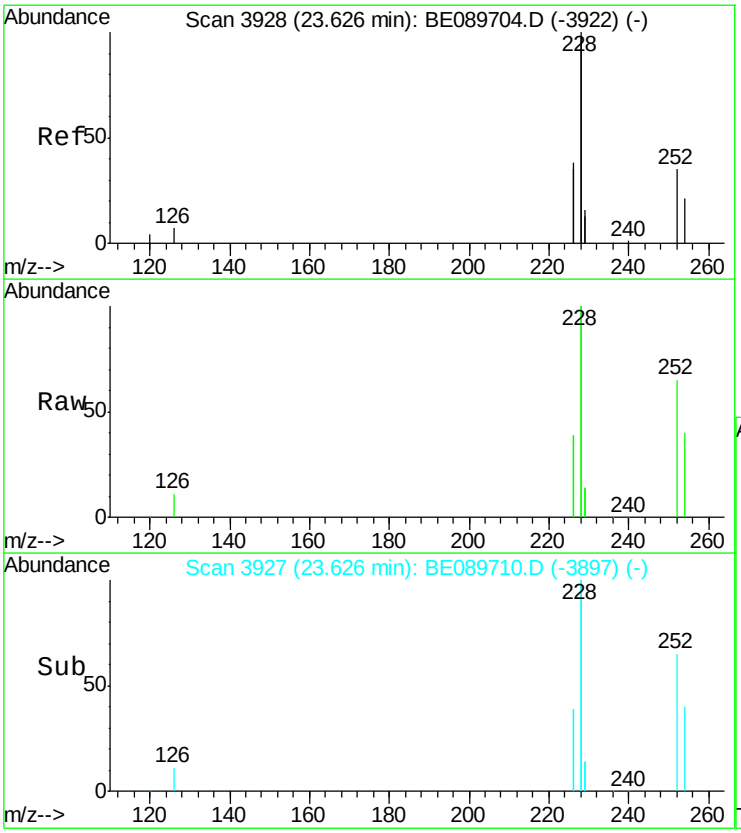
#23
Benzo(a)anthracene
Concen: 12.05 ng
RT: 23.69 min Scan# 3934
Delta R.T. 0.04 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:228 Resp: 1117417

Ion	Ratio	Lower	Upper
228	100		
226	25.9	19.3	28.9
229	21.7	16.6	25.0

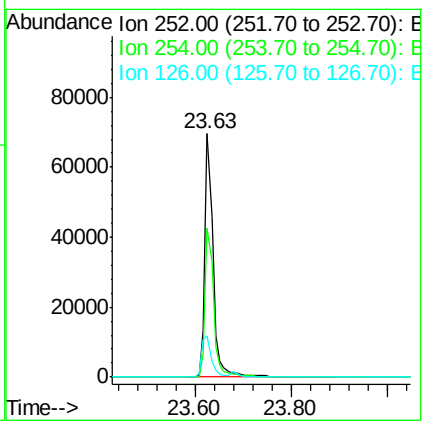


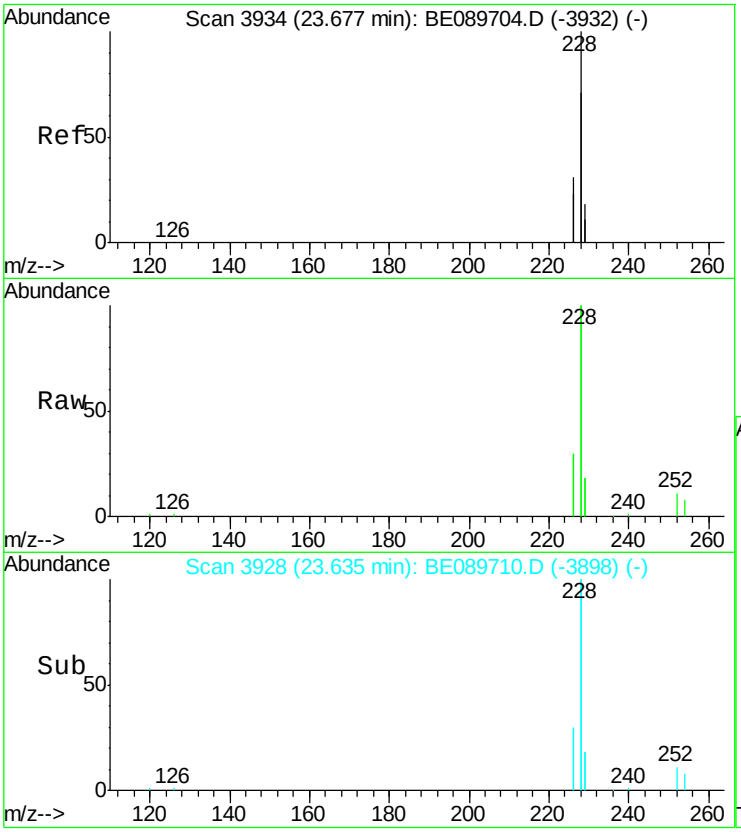


#24
3,3'-Dichlorobenzidine
Concen: 9.70 ng
RT: 23.63 min Scan# 3927
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:252 Resp: 81444

Ion	Ratio	Lower	Upper
252	100		
254	61.0	49.4	74.2
126	17.1	17.4	26.2#



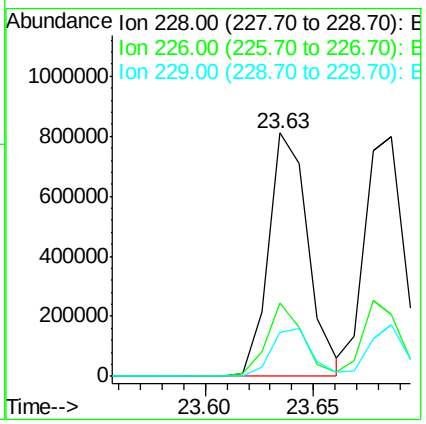


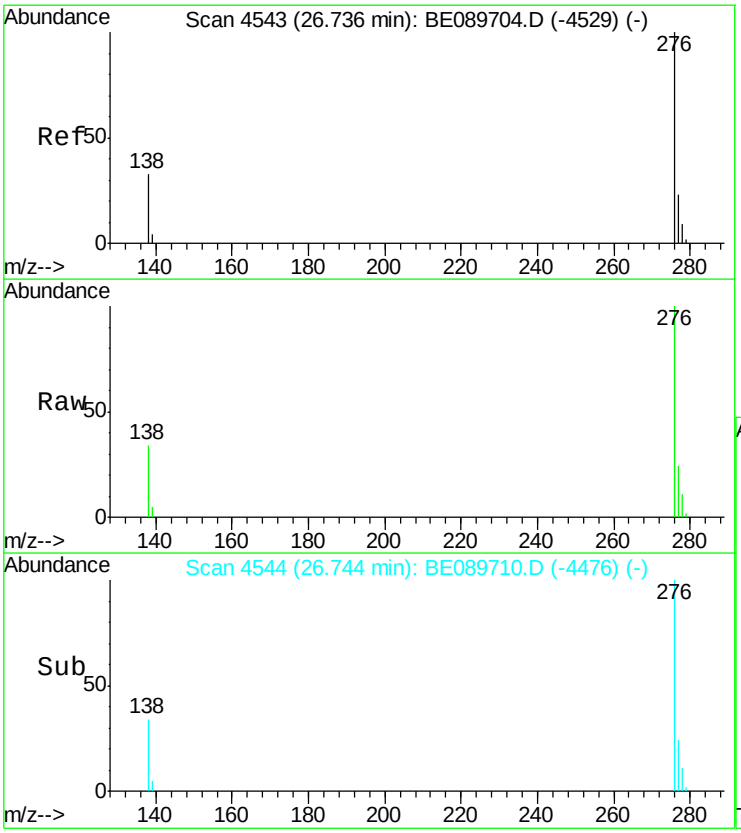
#25
Chrysene
Concen: 9.06 ng
RT: 23.63 min Scan# 3928
Delta R.T. -0.04 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:228 Resp: 1034127

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	17.8	14.4	21.6

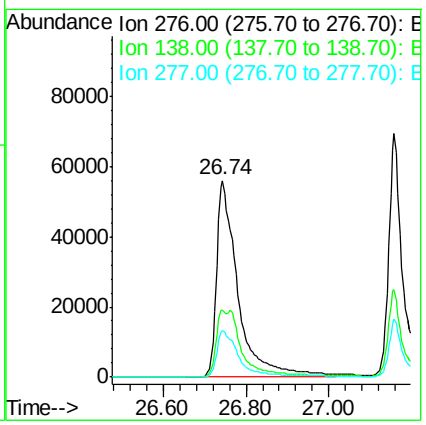


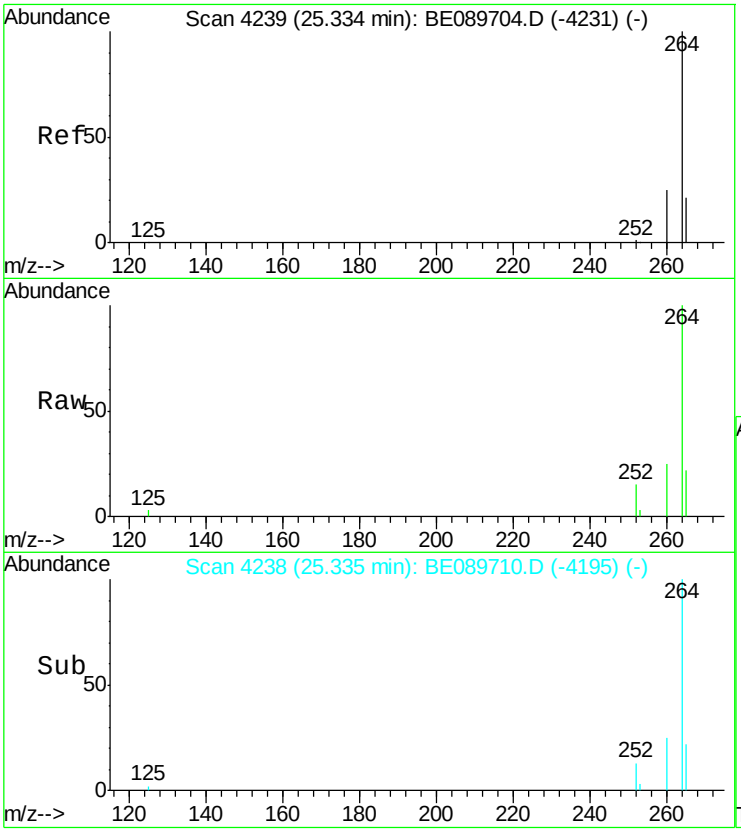


#26
Indeno(1,2,3-cd)pyrene
Concen: 8.96 ng
RT: 26.74 min Scan# 4544
Delta R.T. 0.01 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:276 Resp: 199456

Ion	Ratio	Lower	Upper
276	100		
138	16.2	29.8	44.6#
277	24.9	19.8	29.6



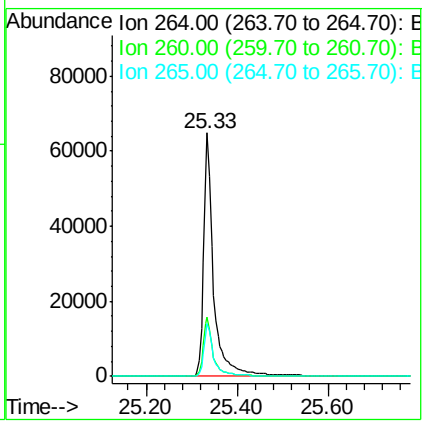


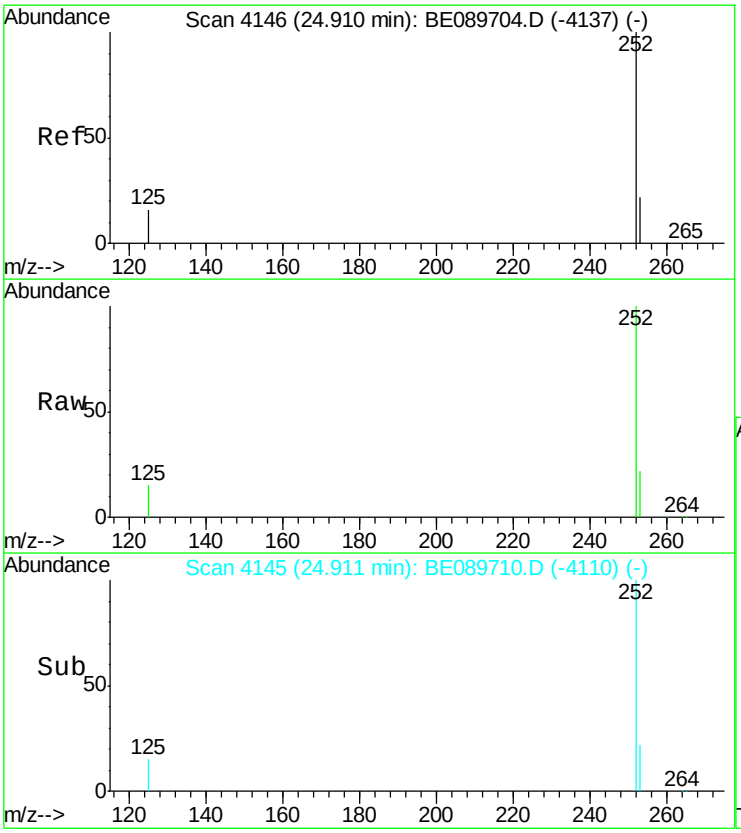
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.33 min Scan# 4238
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:264 Resp: 99134

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.2	30.2
265	21.6	16.9	25.3

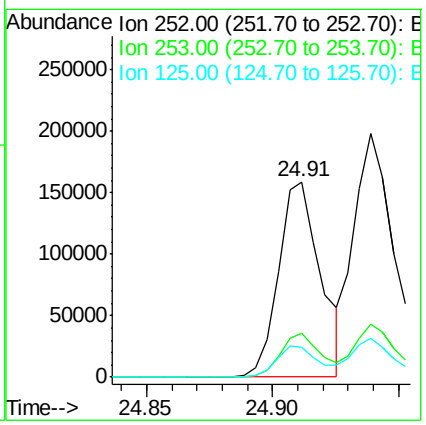


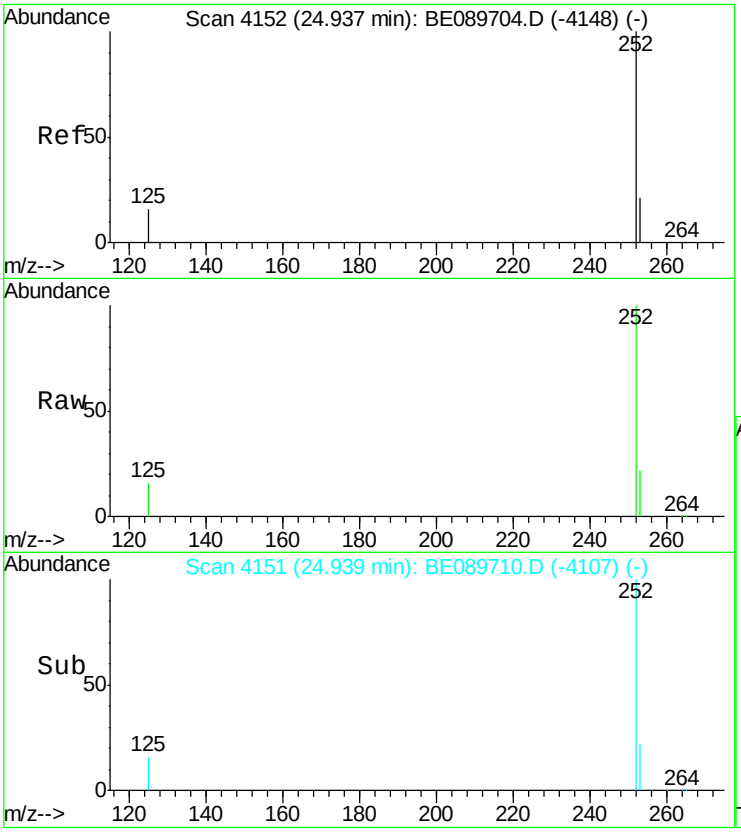


#28
Benzo(b)fluoranthene
Concen: 9.92 ng
RT: 24.91 min Scan# 4145
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:252 Resp: 182962

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	15.4	12.9	19.3



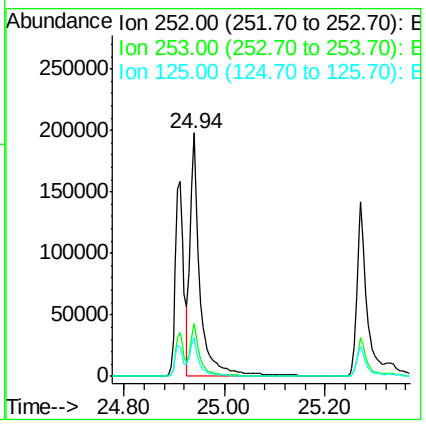


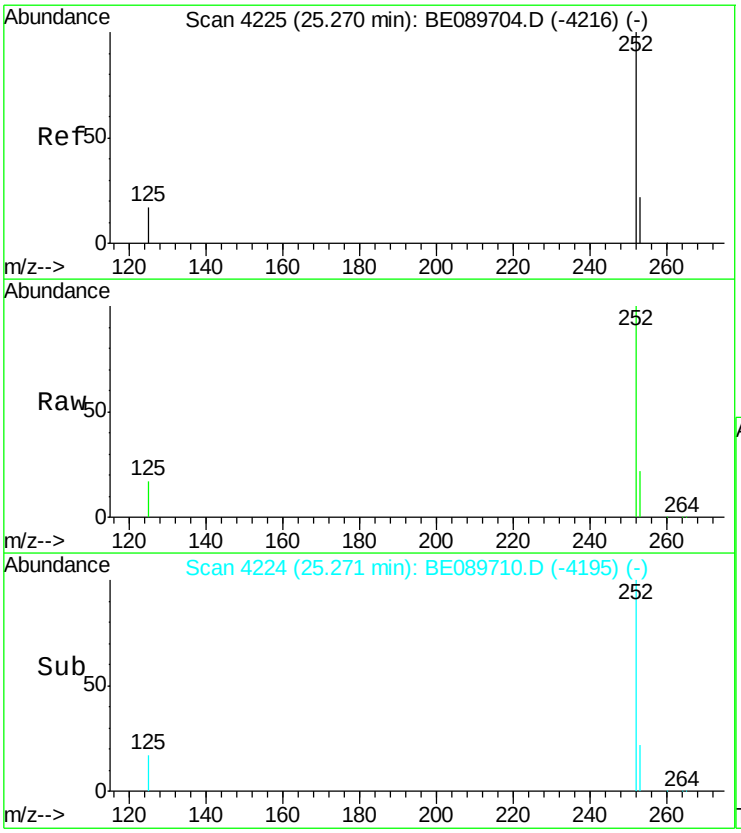
#29
Benzo(k)fluoranthene
Concen: 9.91 ng
RT: 24.94 min Scan# 4151
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:252 Resp: 270854

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.3	25.9
125	15.9	12.9	19.3

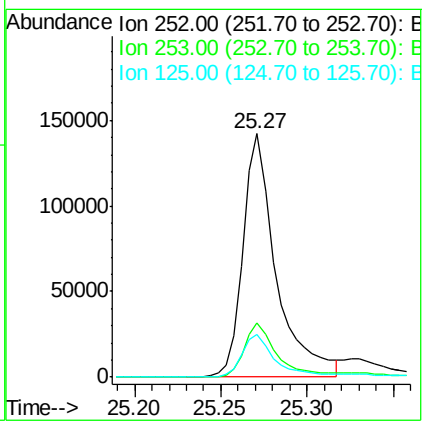


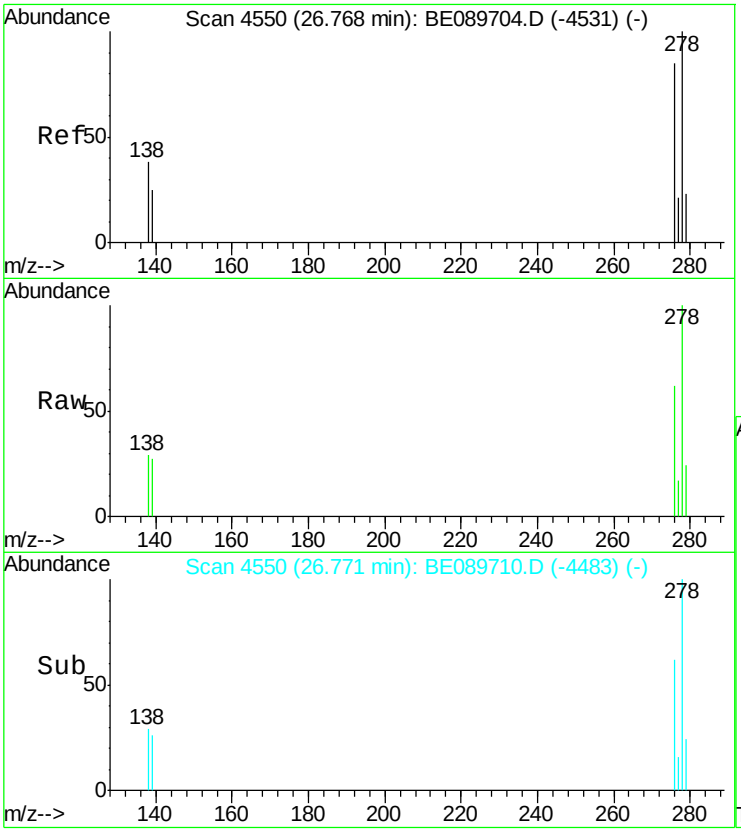


#30
Benzo(a)pyrene
Concen: 10.10 ng
RT: 25.27 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Tgt Ion:252 Resp: 187091

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	17.4	14.0	21.0





#31
Dibenzo(a,h)anthracene
Concen: 9.61 ng
RT: 26.77 min Scan# 4550
Delta R.T. 0.00 min
Lab File: BE089710.D
Acq: 27 Feb 2015 4:00

Instrument :
BNA_E
ClientSampleId :
PB81904BSD

Tgt Ion:278 Resp: 161917

Ion	Ratio	Lower	Upper
278	100		
139	26.5	21.1	31.7
279	23.8	19.3	28.9