Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089579.D
Acq On : 16 Feb 2015 21:46
Operator : TP/IZ
Sample : PB81705BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81705BL

Quant Time: Feb 17 00:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 18:23:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	83133	5.00	ng	0.00
7) Naphthalene-d8	12.25	136	331644	5.00	ng	0.00
13) Acenaphthene-d10	16.42	164	159494	5.00	ng	0.00
17) Phenanthrene-d10	19.77	188	308778	5.00	ng	0.00
20) Chrysene-d12	23.66	240	334619	5.00	ng	0.00
27) Perylene-d12	25.34	264	330703	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.50	112	286511	11.93	ng	0.00
4) Phenol-d6	8.62	99	374690	11.76	ng	0.00
8) Nitrobenzene-d5	10.61	82	175487	12.45	ng	0.00
14) 2,4,6-Tribromophenol	18.31	330	57860	16.10	ng	0.00
15) 2-Fluorobiphenyl	14.88	172	408295	9.48	ng	0.00
22) Terphenyl-d14	22.31	244	502241	10.89	ng	0.00
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	3.34	42	40	0.00	ng	# 1
5) Phenol	8.65	94	226	0.01	ng	# 1
6) bis(2-Chloroethyl)ether	8.83	93	421	0.02	ng	# 1
9) Nitrobenzene	10.61	77	699	0.04	ng	# 28
10) 2,4-Dimethylphenol	11.63	122	80	0.00	ng	# 77
11) 2,4-Dichlorophenol	11.98	162	41	0.00	ng	# 1
16) 2,4-Dinitrophenol	16.68	184	10	0.02	ng	# 7
18) Hexachlorobenzene	18.99	284	13	0.00	ng	# 1
19) Pentachlorophenol	19.44	266	77	0.03	ng	# 81
21) Benzidine	21.97	184	136	0.00	ng	# 1
23) Benzo(a)anthracene	23.65	228	5042	0.02	ng	# 81
24) 3,3'-Dichlorobenzidine	23.64	252	84	0.00	ng	# 1
25) Chrysene	23.69	228	1284	0.00	ng	# 74
26) Indeno(1,2,3-cd)pyrene	26.75	276	214	0.00	ng	# 78
28) Benzo(b)fluoranthene	24.92	252	208	0.00	ng	# 20
29) Benzo(k)fluoranthene	24.94	252	270	0.00	ng	# 23
30) Benzo(a)pyrene	25.28	252	174	0.00	ng	# 1
31) Dibenzo(a,h)anthracene	26.78	278	175	0.00	ng	# 1

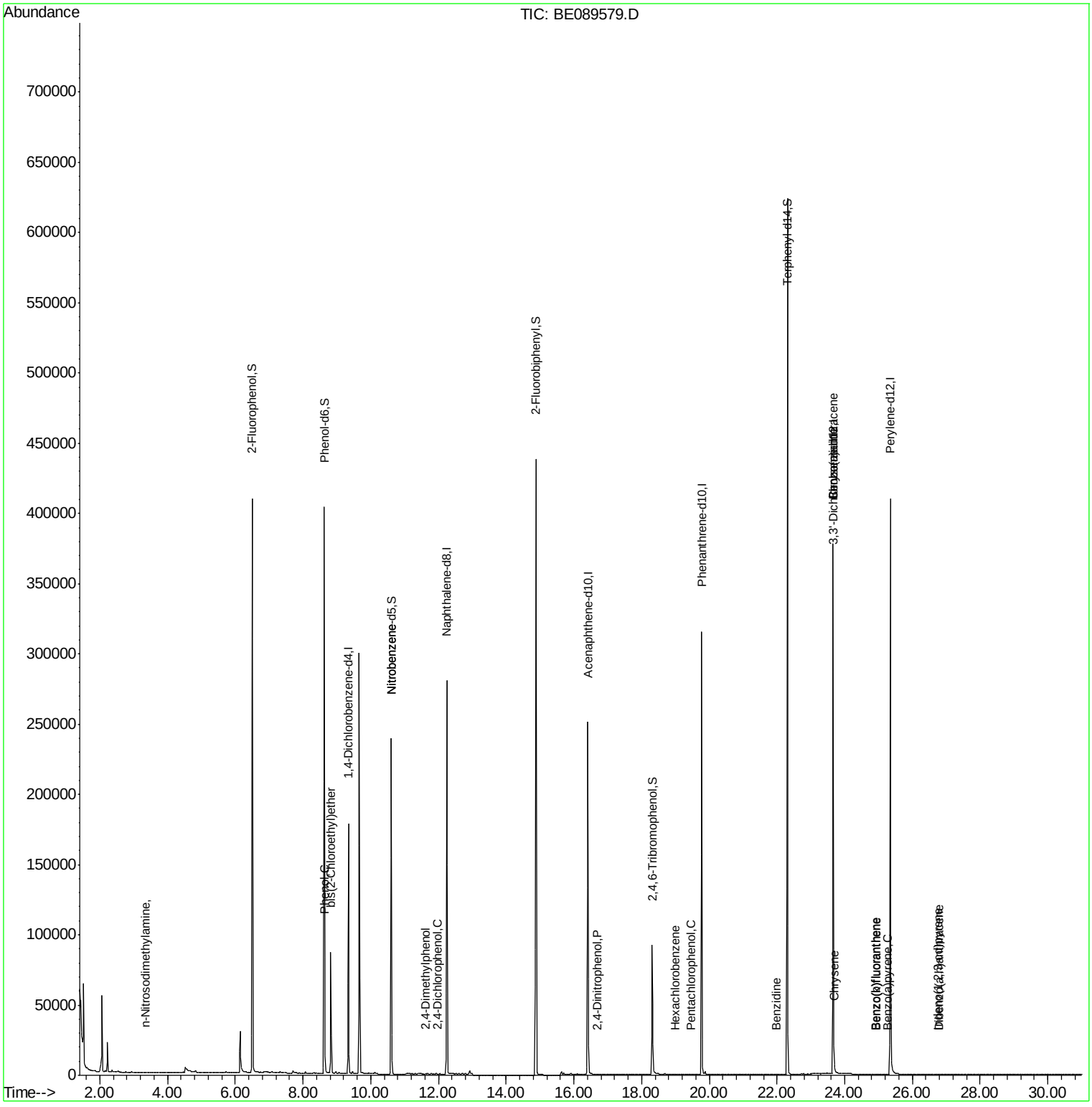
(#) = qualifier out of range (m) = manual integration (+) = signals summed

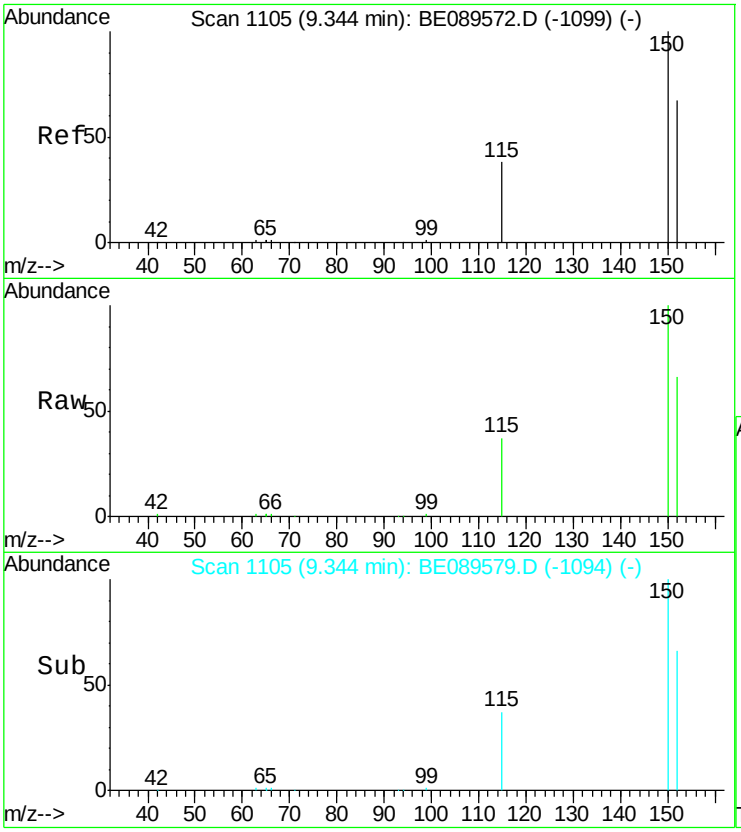
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089579.D
Acq On : 16 Feb 2015 21:46
Operator : TP/IZ
Sample : PB81705BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Quant Time: Feb 17 00:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 18:23:16 2015
Response via : Initial Calibration



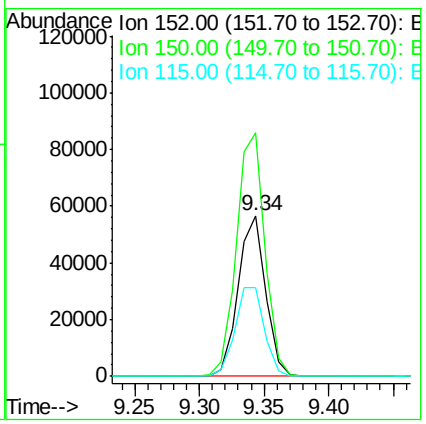


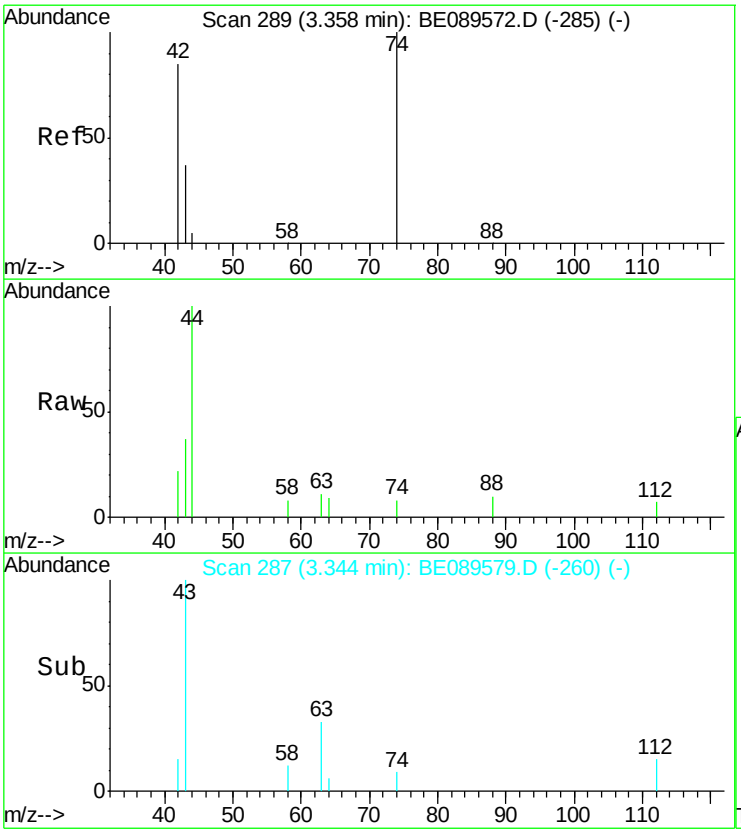
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:152 Resp: 83133

Ion	Ratio	Lower	Upper
152	100		
150	151.5	120.2	180.2
115	55.5	45.2	67.8

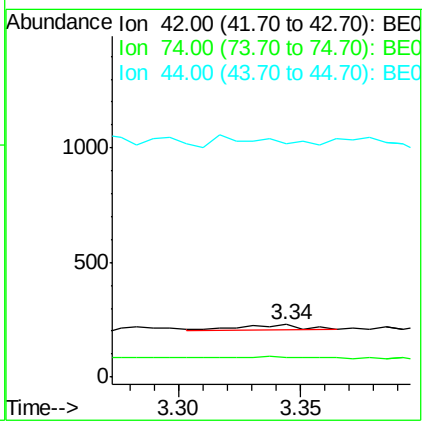


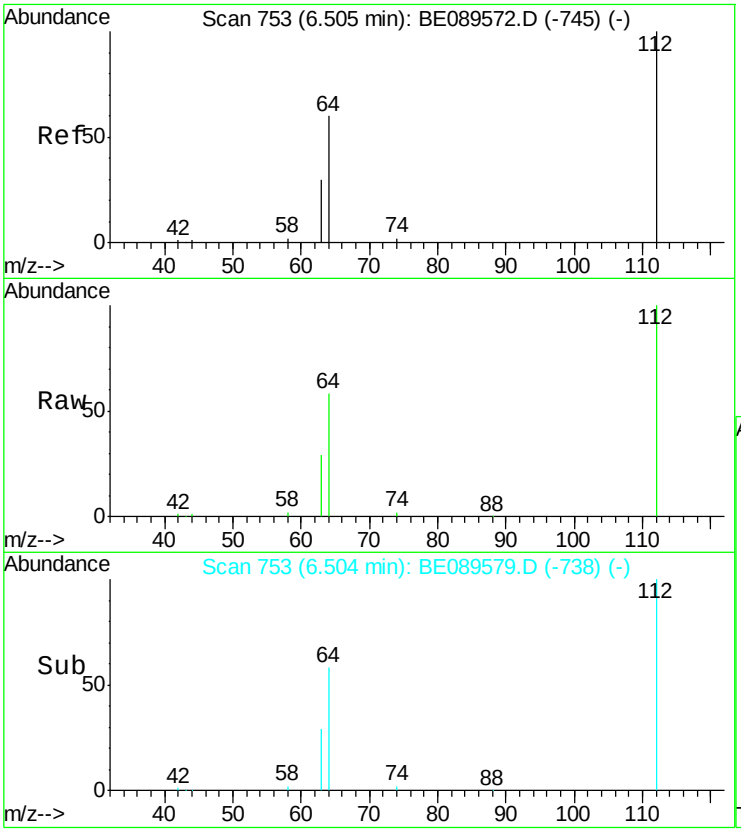


#2
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.34 min Scan# 287
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion: 42 Resp: 40

Ion	Ratio	Lower	Upper
42	100		
74	37.7	90.1	135.1#
44	446.1	35.0	52.4#



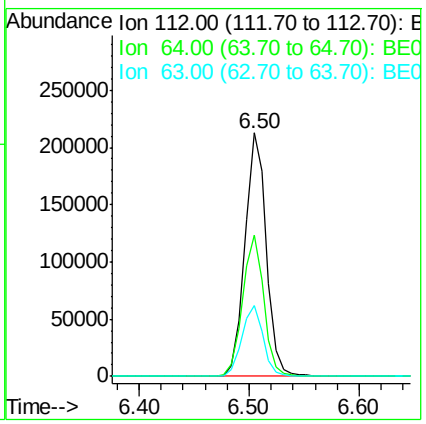


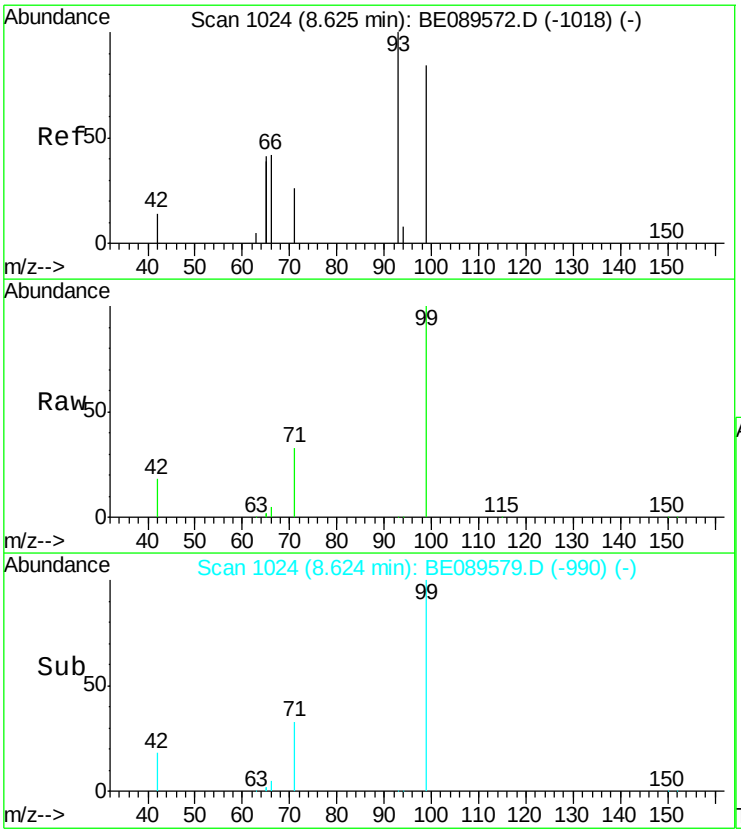
#3
2-Fluorophenol
Concen: 11.93 ng
RT: 6.50 min Scan# 753
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:112 Resp: 286511

Ion	Ratio	Lower	Upper
112	100		
64	58.1	48.6	72.8
63	28.9	24.6	37.0

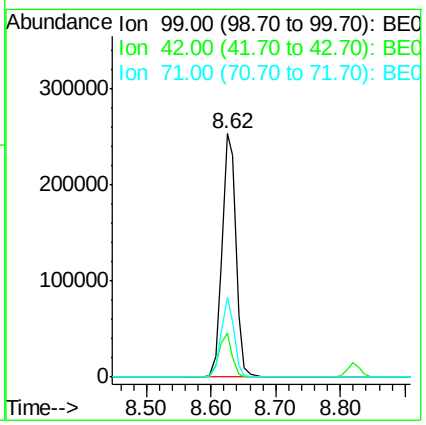


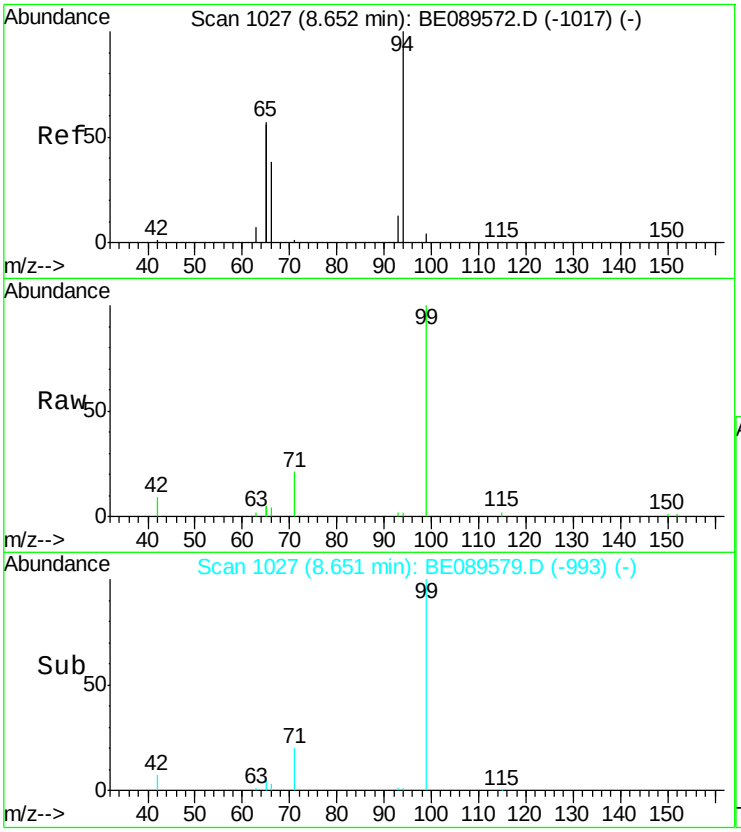


#4
Phenol-d6
Concen: 11.76 ng
RT: 8.62 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion: 99 Resp: 374690

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.9	20.9
71	32.8	25.2	37.8



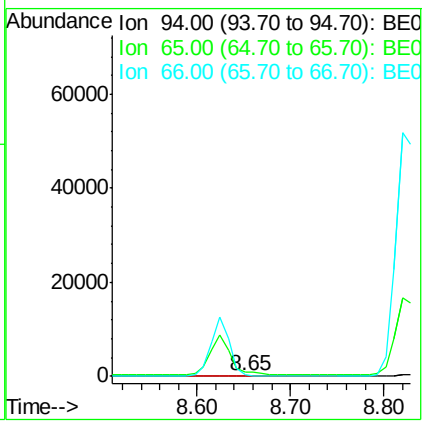


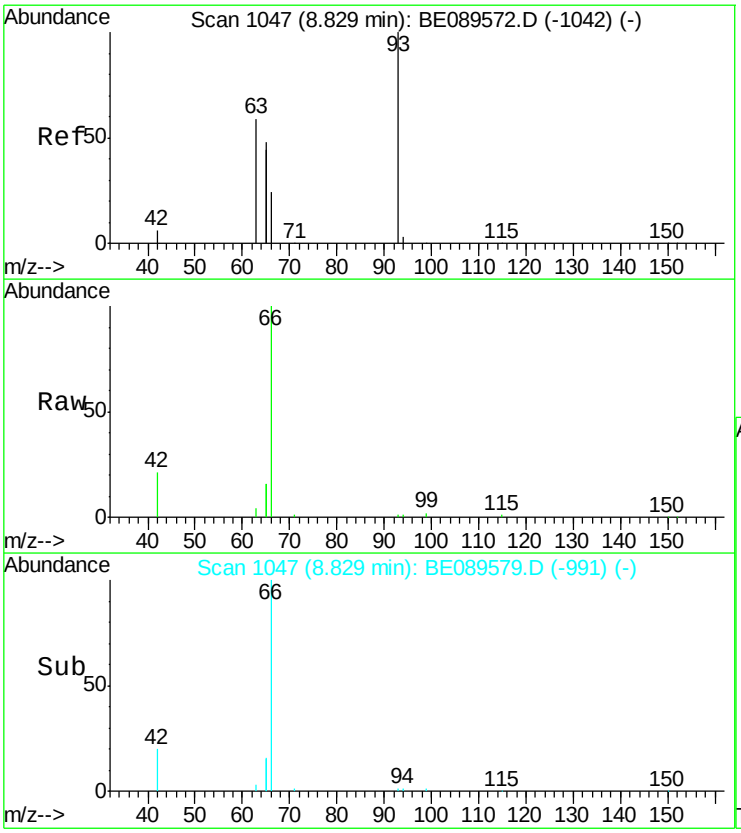
#5
Phenol
Concen: 0.01 ng
RT: 8.65 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion: 94 Resp: 226

Ion	Ratio	Lower	Upper
94	100		
65	645.3	94.5	134.5#
66	261.3	18.2	58.2#

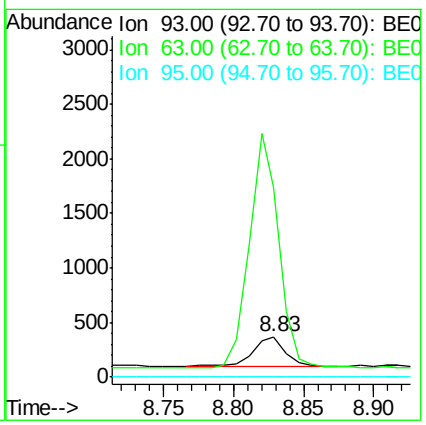


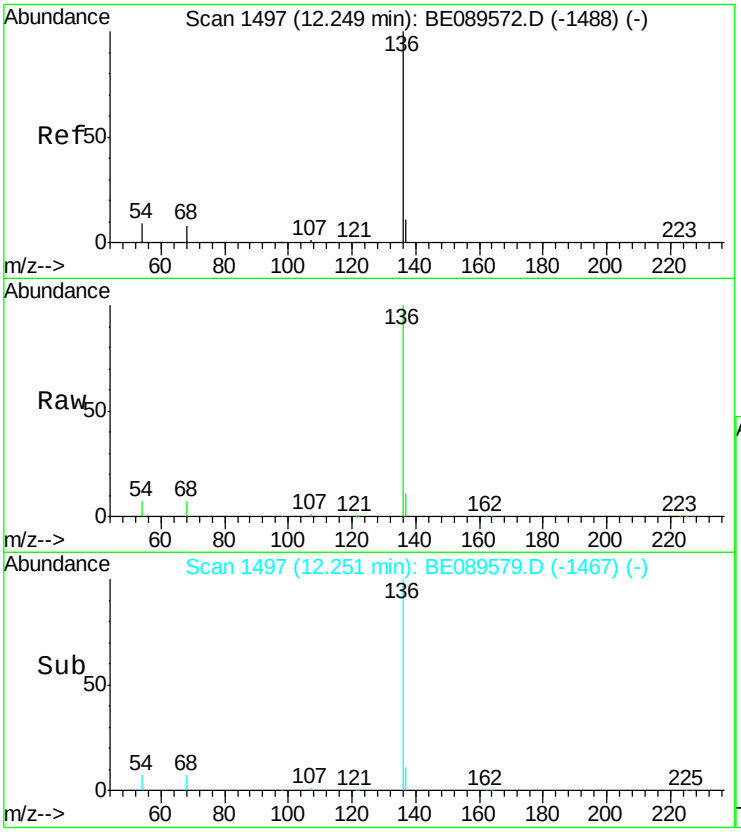


#6
bis(2-Chloroethyl)ether
Concen: 0.02 ng
RT: 8.83 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion: 93 Resp: 421

Ion	Ratio	Lower	Upper
93	100		
63	754.9	81.7	122.5#
95	0.0	0.0	0.0



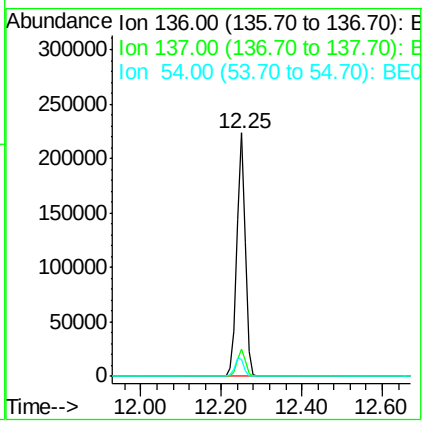


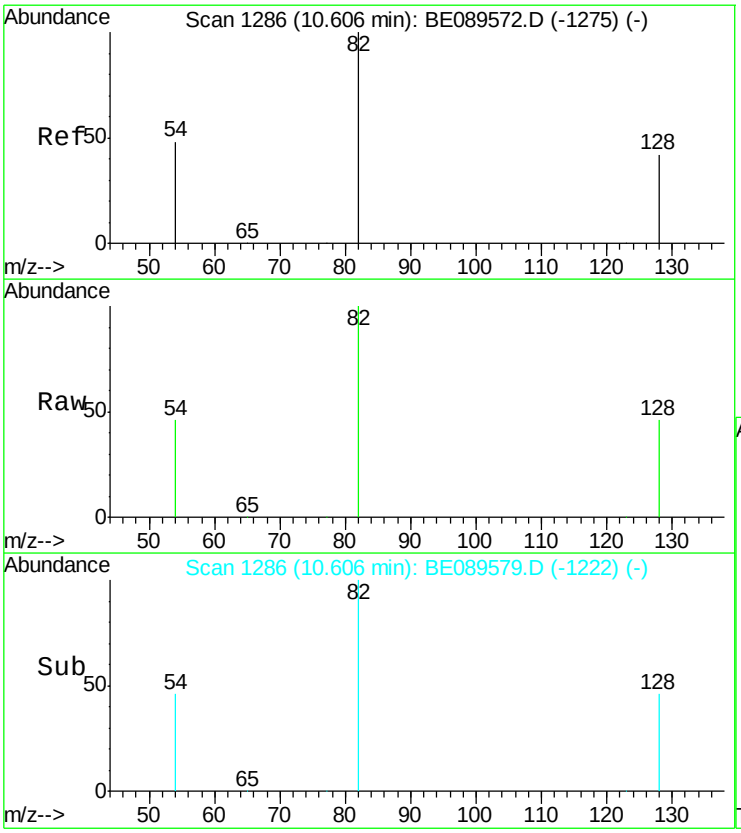
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:136 Resp: 331644

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	7.2	7.0	10.4

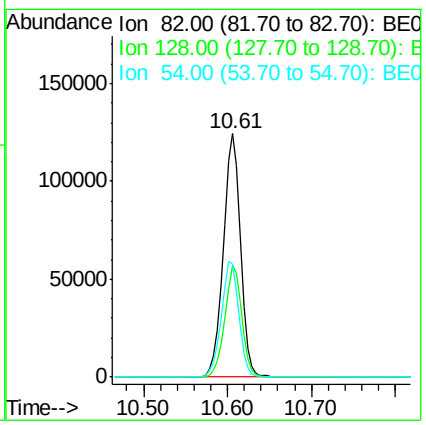


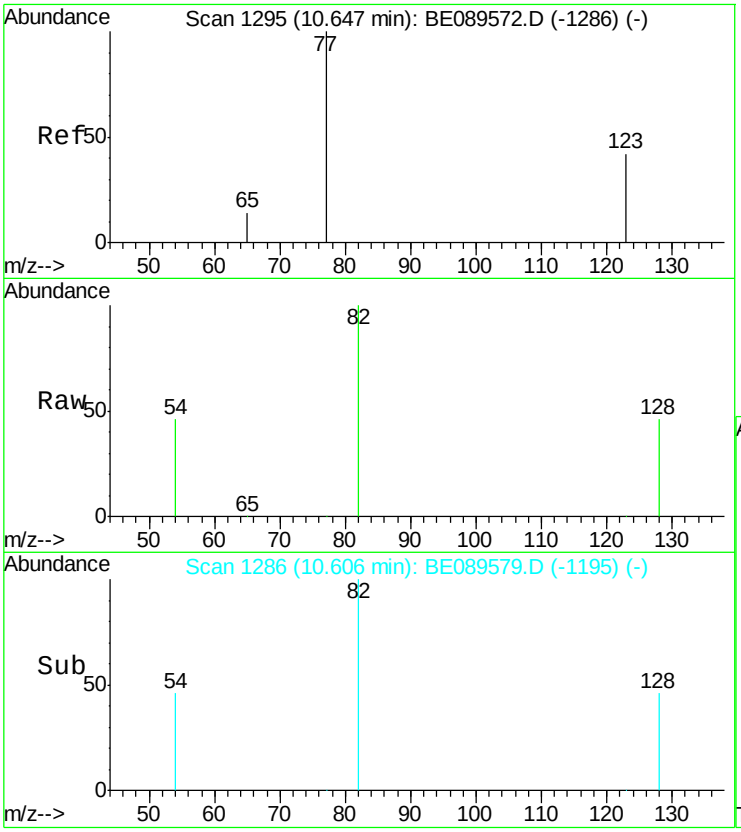


#8
Nitrobenzene-d5
Concen: 12.45 ng
RT: 10.61 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion: 82 Resp: 175487

Ion	Ratio	Lower	Upper
82	100		
128	45.7	33.8	50.6
54	46.5	39.0	58.6



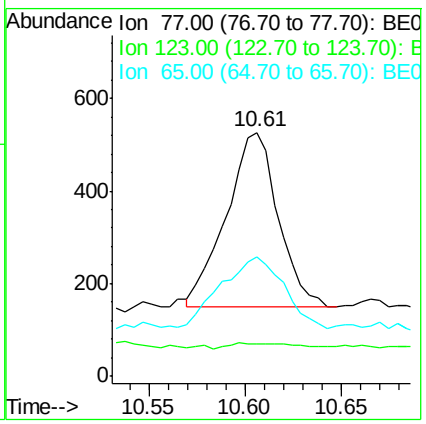


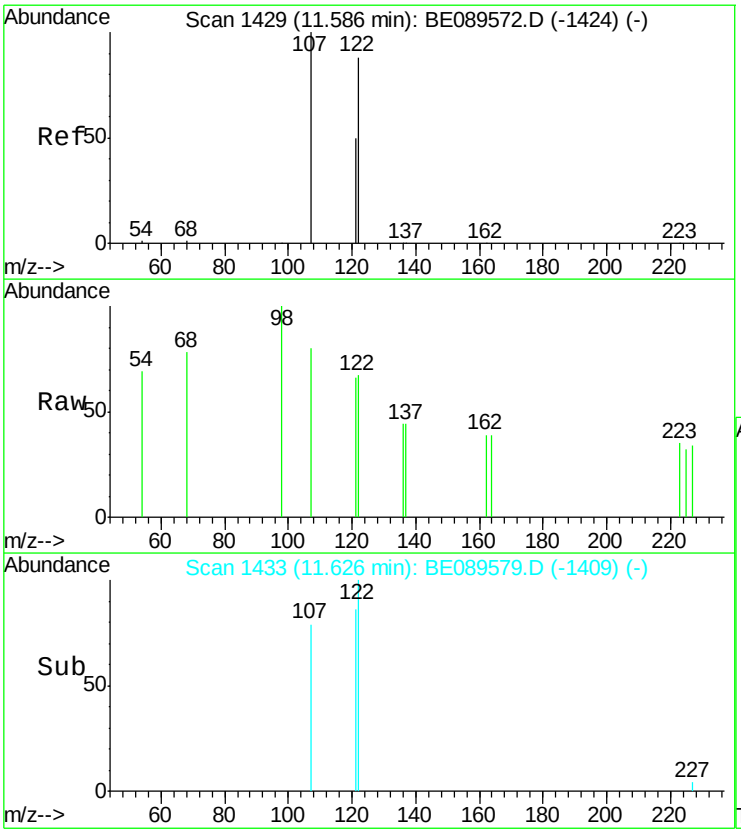
#9
Nitrobenzene
Concen: 0.04 ng
RT: 10.61 min Scan# 1286
Delta R.T. -0.04 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion: 77 Resp: 699

Ion	Ratio	Lower	Upper
77	100		
123	0.0	34.4	51.6#
65	49.5	11.4	17.2#

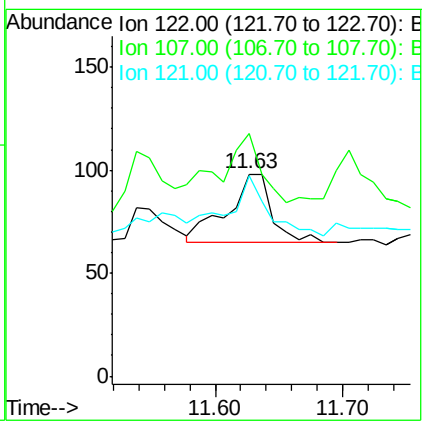


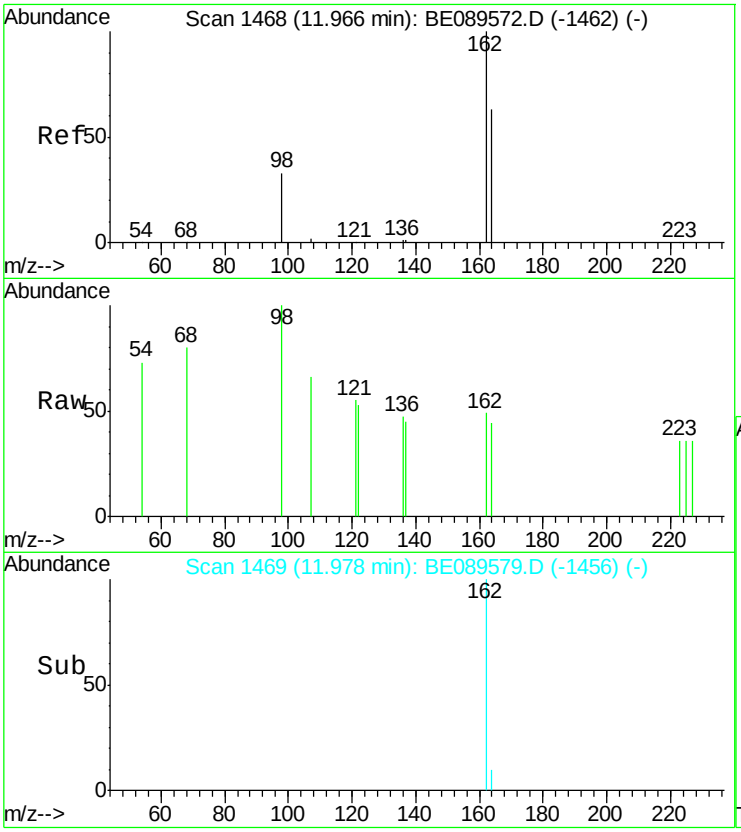


#10
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 11.63 min Scan# 1433
Delta R.T. 0.04 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:122 Resp: 80

Ion	Ratio	Lower	Upper
122	100		
107	120.4	90.9	136.3
121	99.0	45.4	68.2#



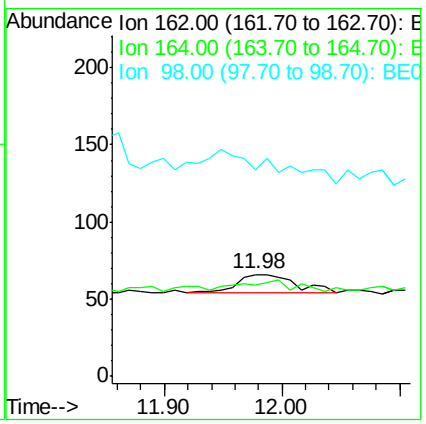


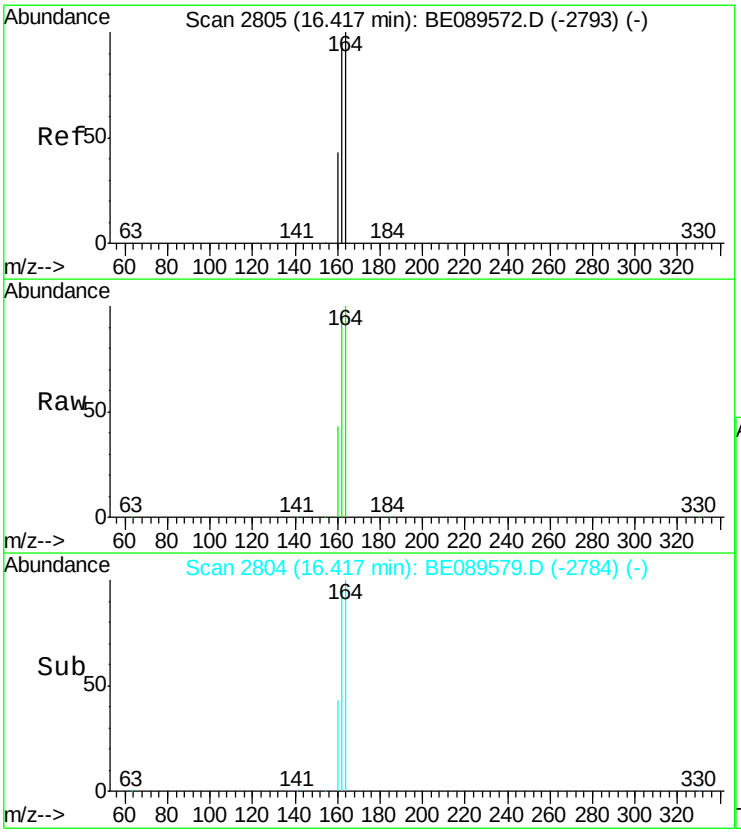
#11
2,4-Dichlorophenol
Concen: 0.00 ng
RT: 11.98 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:162 Resp: 41

Ion	Ratio	Lower	Upper
162	100		
164	89.4	43.4	83.4#
98	203.0	14.6	54.6#

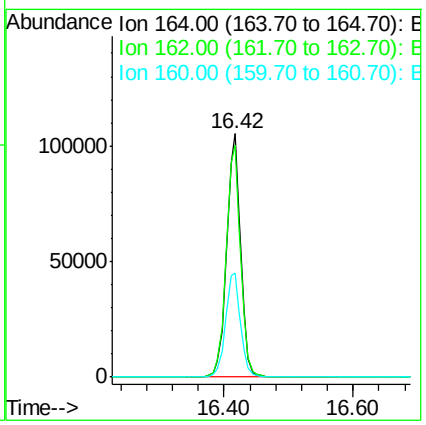


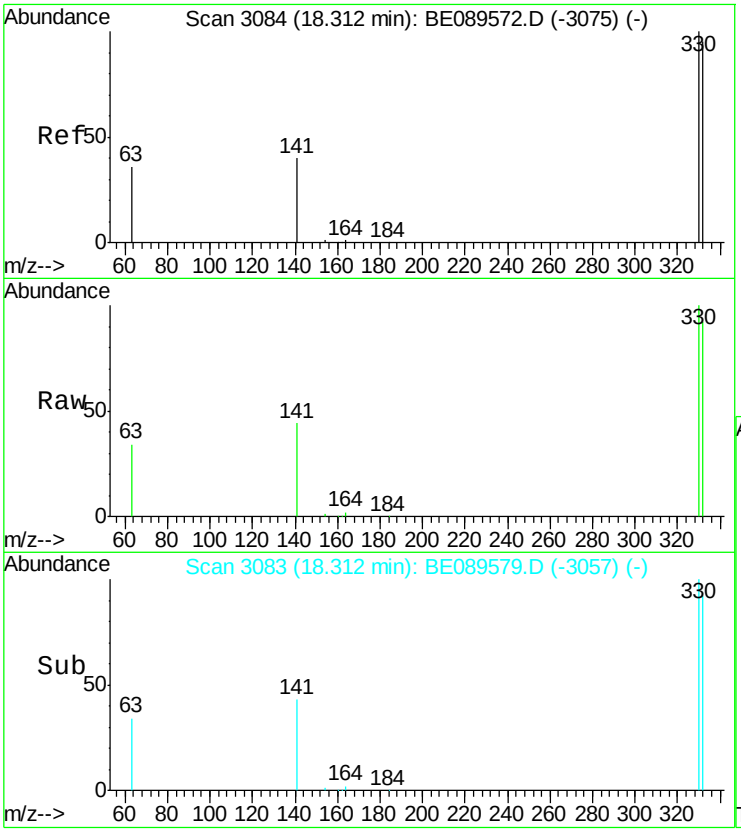


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:164 Resp: 159494

Ion	Ratio	Lower	Upper
164	100		
162	95.2	76.2	114.4
160	42.9	34.7	52.1



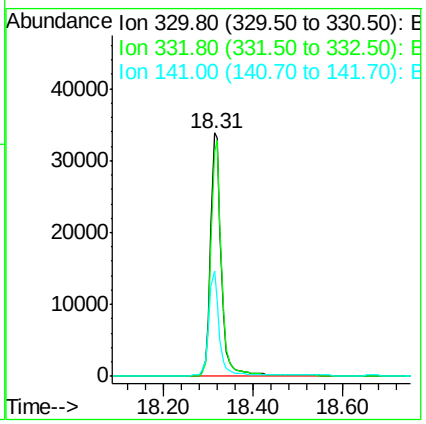


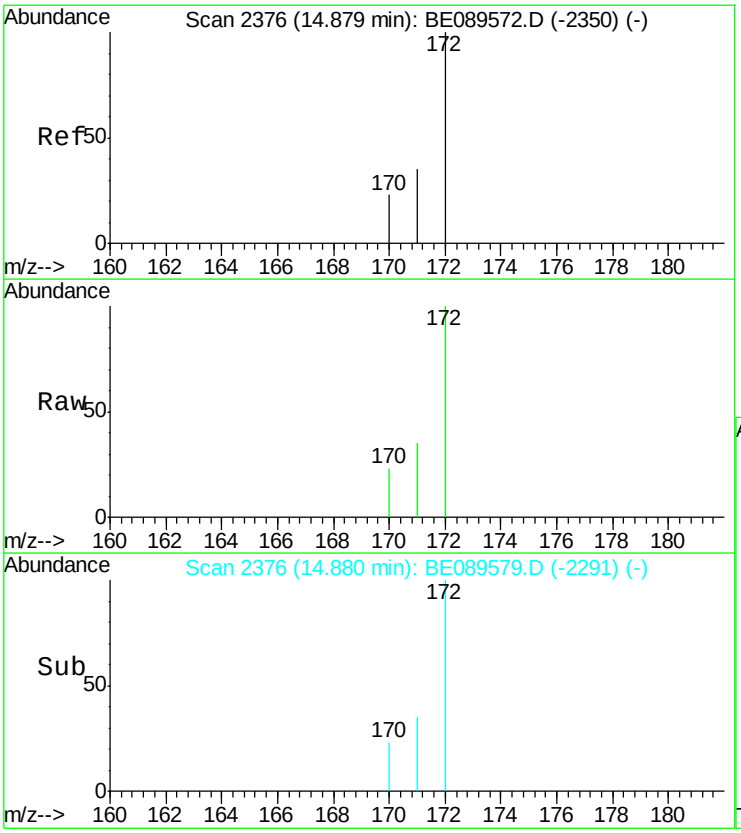
#14
2,4,6-Tribromophenol
Concen: 16.10 ng
RT: 18.31 min Scan# 3083
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:330 Resp: 57860

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.3	117.5
141	41.2	33.4	50.0

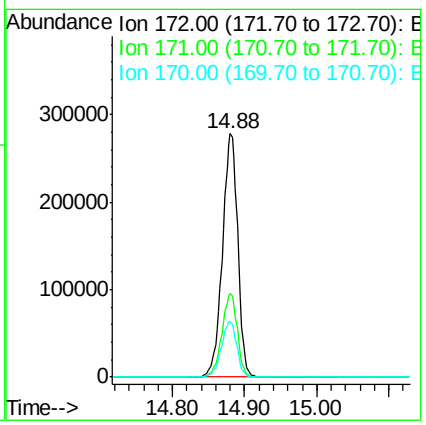


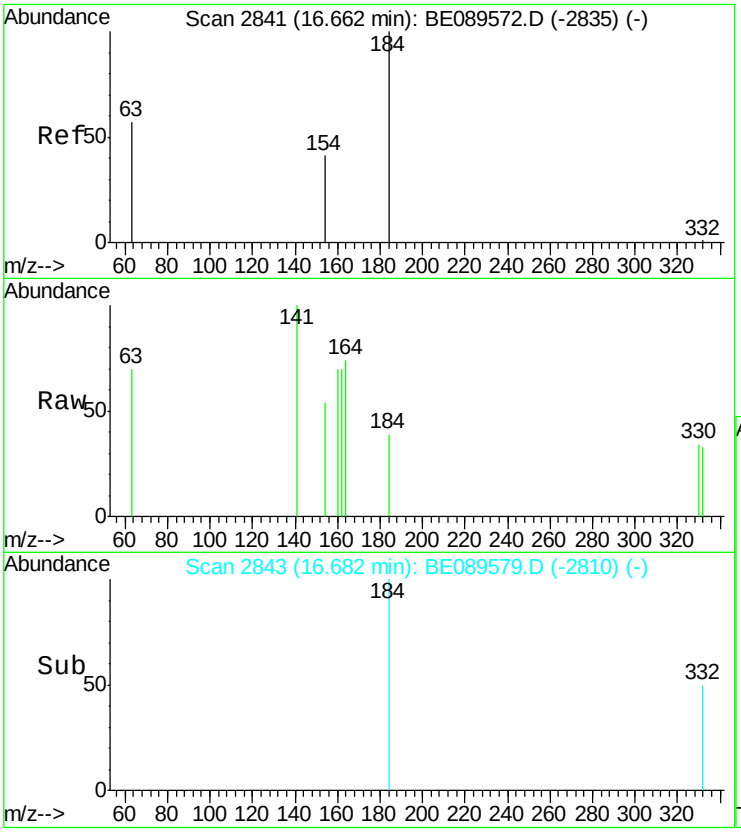


#15
2-Fluorobiphenyl
Concen: 9.48 ng
RT: 14.88 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:172 Resp: 408295

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.5	27.7



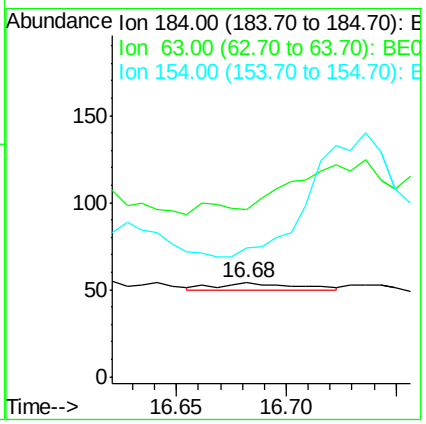


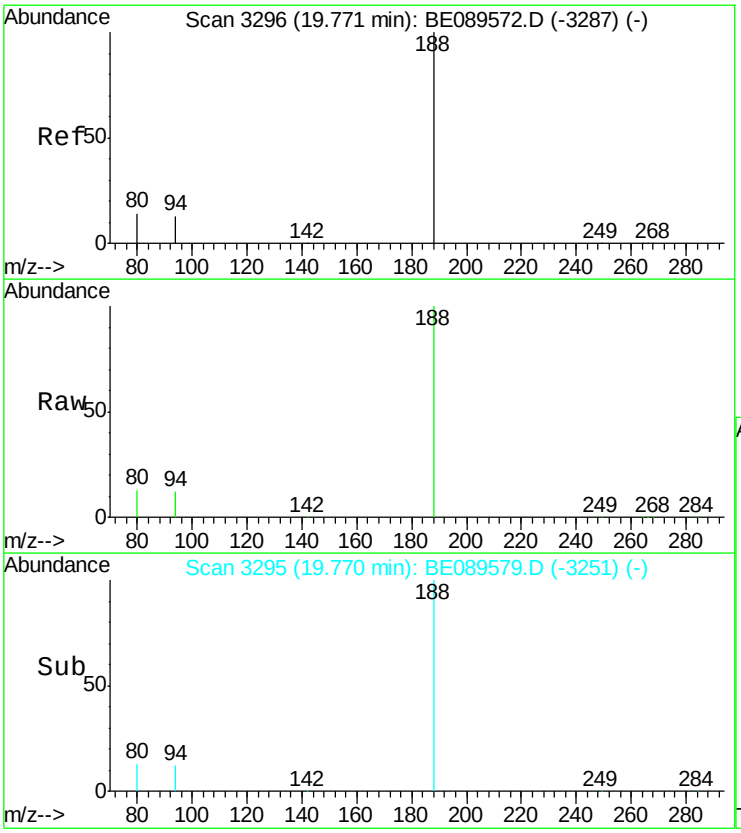
#16
2,4-Dinitrophenol
Concen: 0.02 ng
RT: 16.68 min Scan# 2843
Delta R.T. 0.02 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:184 Resp: 10

Ion	Ratio	Lower	Upper
184	100		
63	177.8	70.8	106.2#
154	137.0	52.9	79.3#

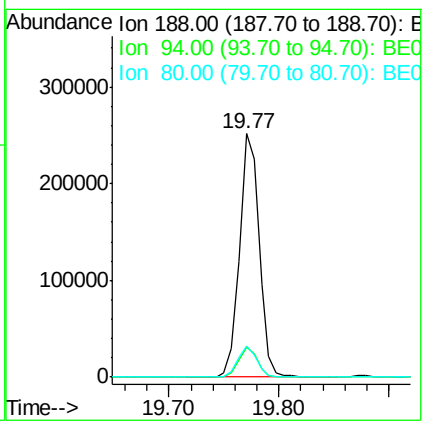


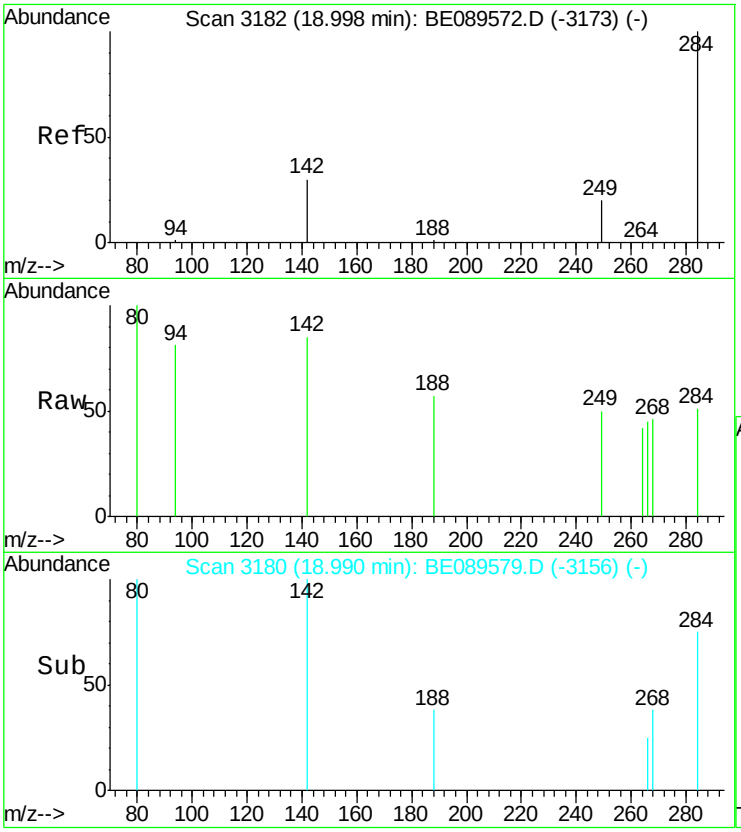


#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3295
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:188 Resp: 308778

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.2	15.4
80	12.9	11.0	16.6



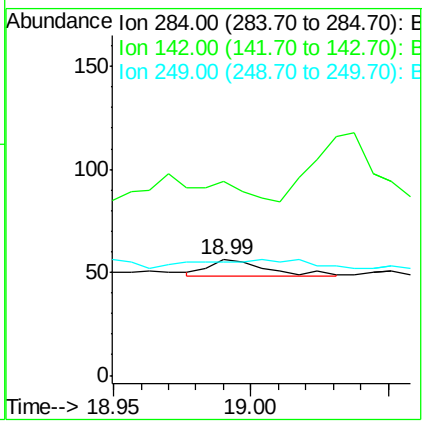


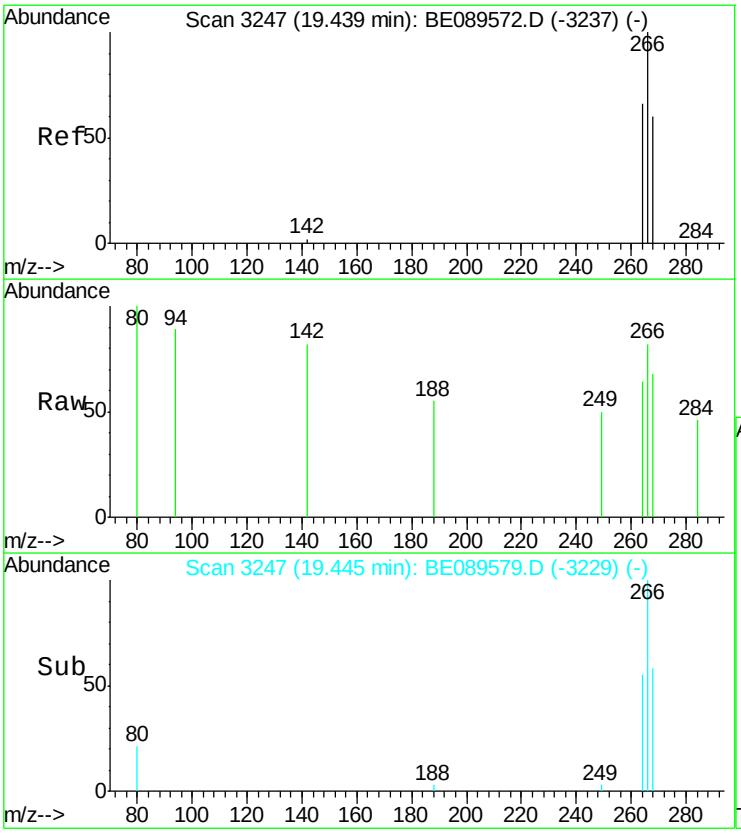
#18
Hexachlorobenzene
Concen: 0.00 ng
RT: 18.99 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:284 Resp: 13

Ion	Ratio	Lower	Upper
284	100		
142	167.9	27.6	41.4#
249	98.2	20.0	30.0#

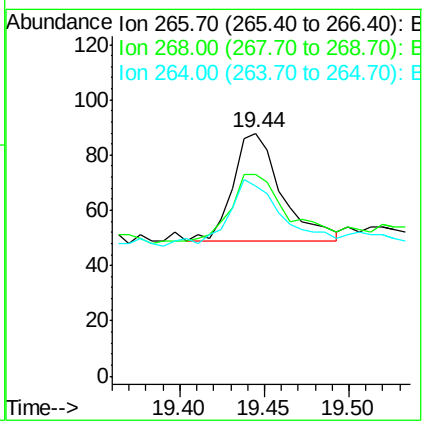


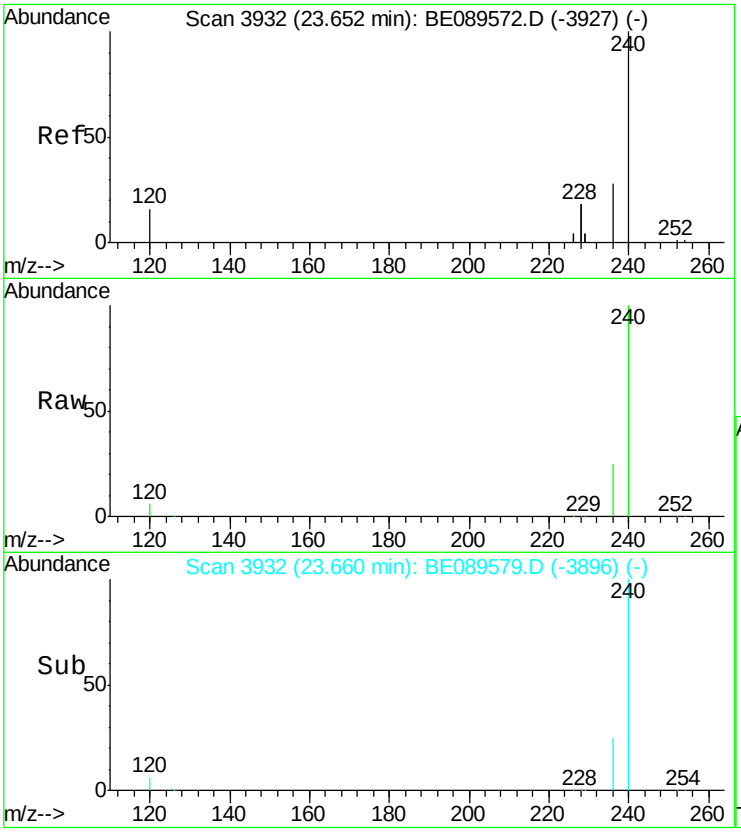


#19
Pentachlorophenol
Concen: 0.03 ng
RT: 19.44 min Scan# 3247
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
268	83.0	50.2	75.4#
264	78.4	54.4	81.6



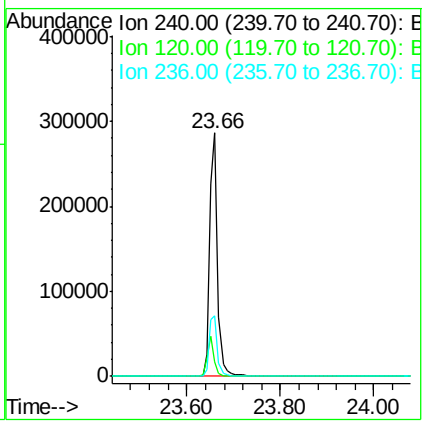


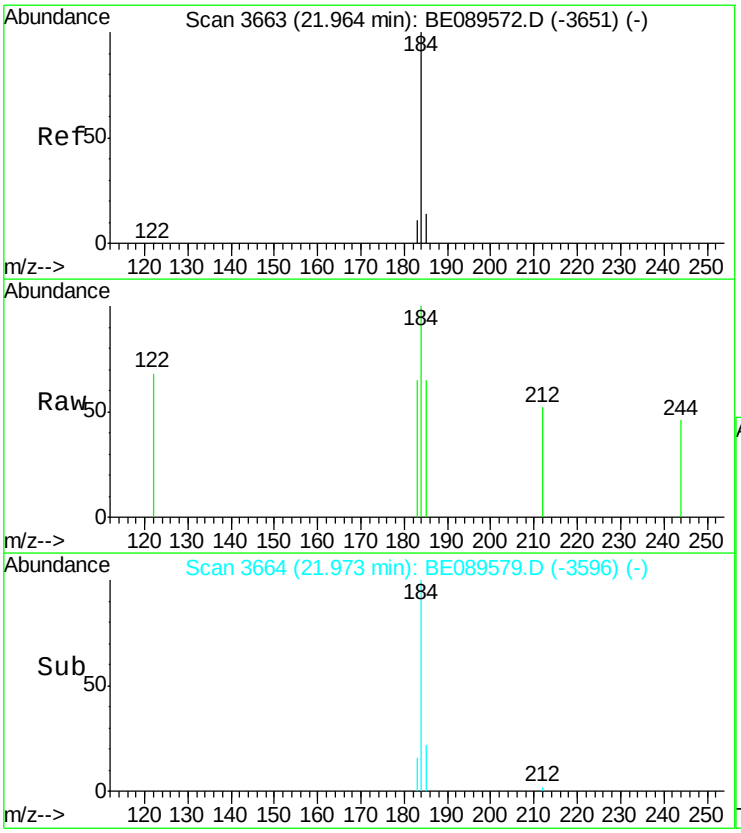
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:240 Resp: 334619

Ion	Ratio	Lower	Upper
240	100		
120	5.7	12.7	19.1#
236	24.9	22.7	34.1

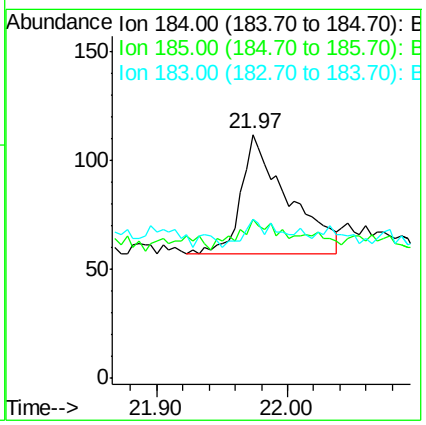


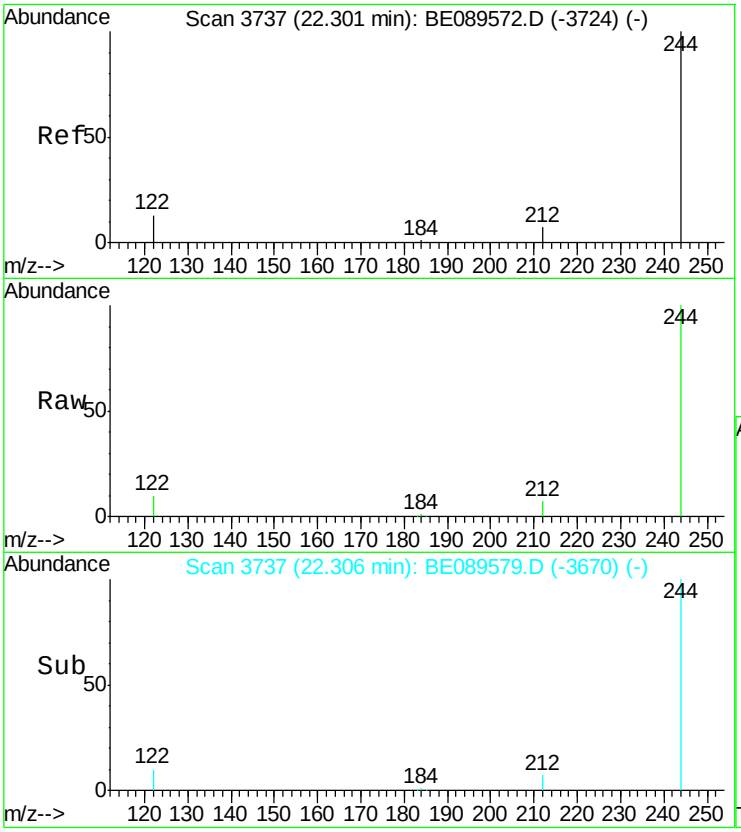


#21
Benzidine
Concen: 0.00 ng
RT: 21.97 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:184 Resp: 136

Ion	Ratio	Lower	Upper
184	100		
185	65.2	11.7	17.5#
183	65.2	8.9	13.3#



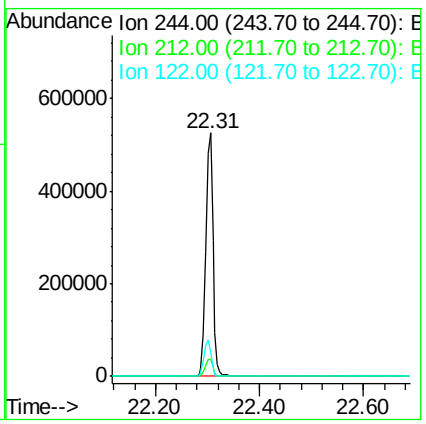


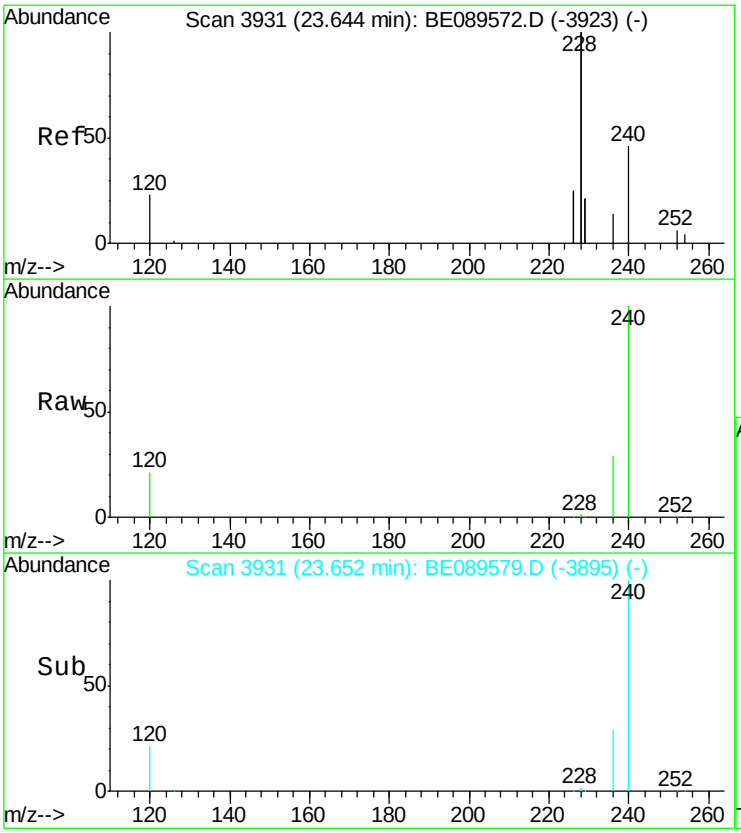
#22
Terphenyl-d14
Concen: 10.89 ng
RT: 22.31 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:244 Resp: 502241

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.8	10.2	15.2#

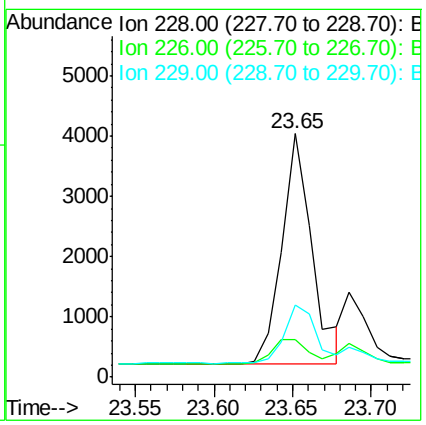


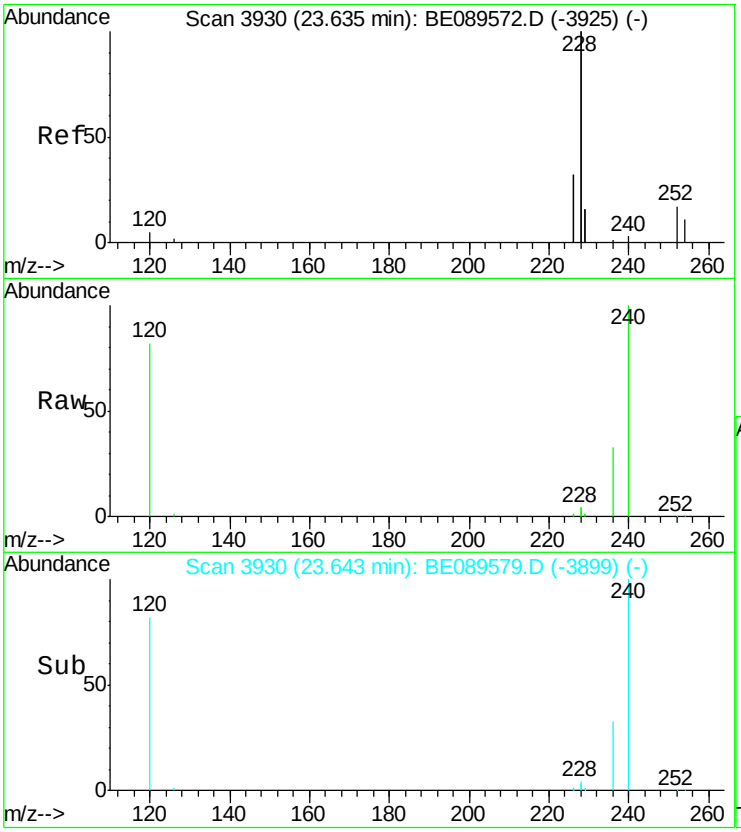


#23
Benzo(a)anthracene
Concen: 0.02 ng
RT: 23.65 min Scan# 3931
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:228 Resp: 5042

Ion	Ratio	Lower	Upper
228	100		
226	15.3	19.9	29.9#
229	29.7	16.6	24.8#



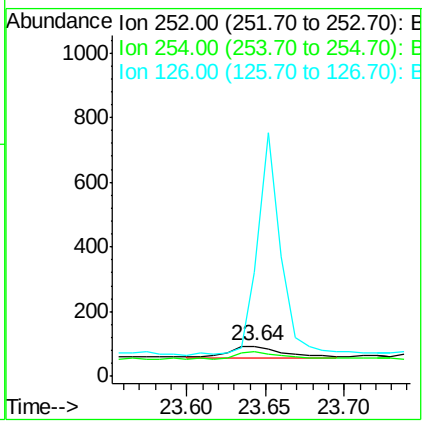


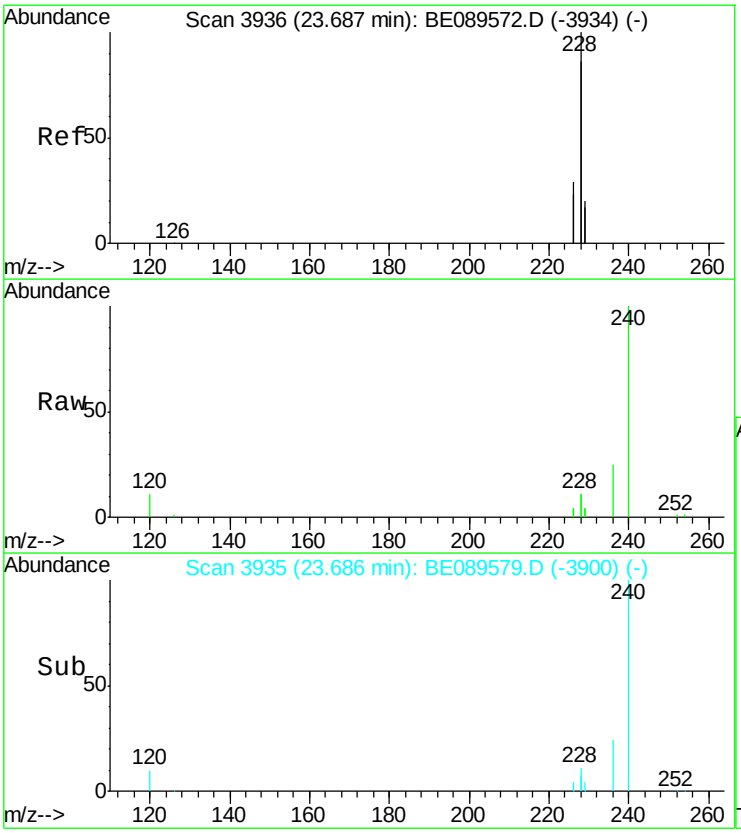
#24
3,3'-Dichlorobenzidine
Concen: 0.00 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:252 Resp: 84

Ion	Ratio	Lower	Upper
252	100		
254	81.7	51.0	76.4#
126	344.1	8.3	12.5#

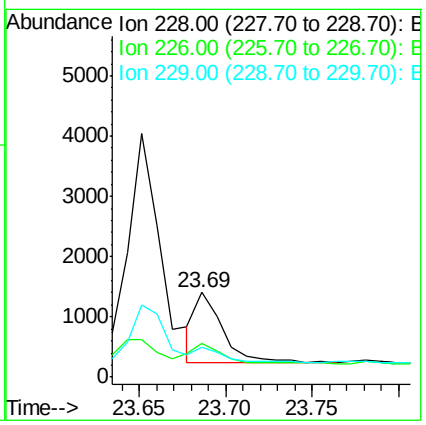


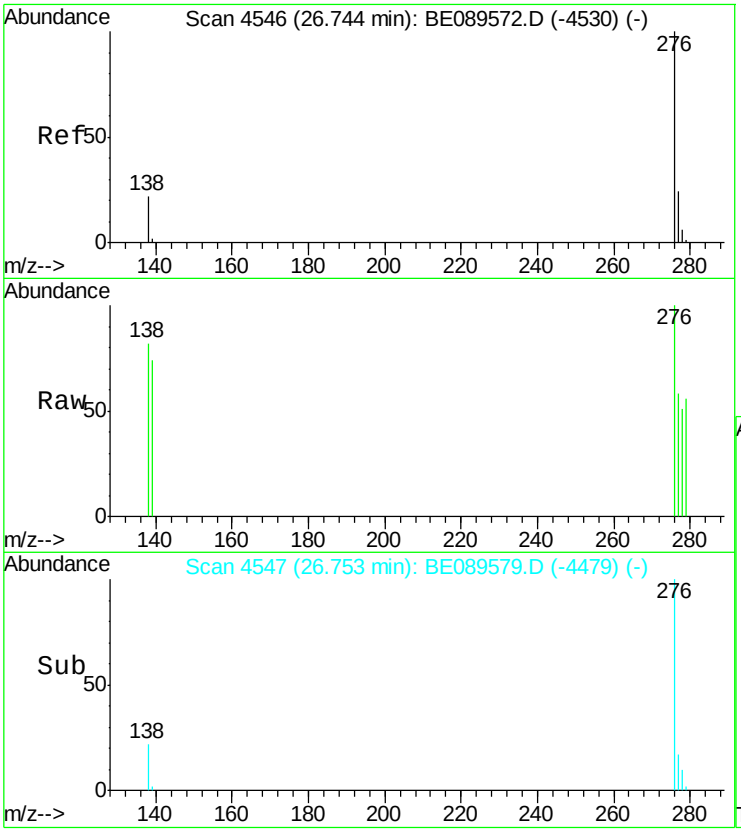


#25
Chrysene
Concen: 0.00 ng
RT: 23.69 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:228 Resp: 1284

Ion	Ratio	Lower	Upper
228	100		
226	39.7	22.9	34.3#
229	35.1	15.8	23.6#



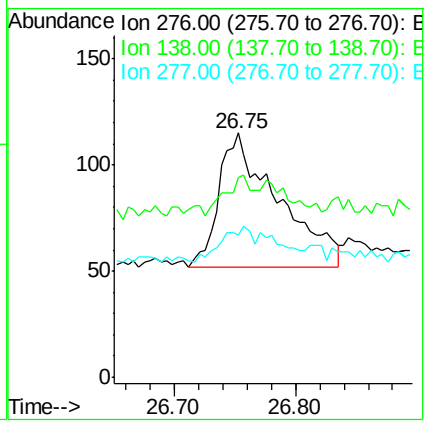


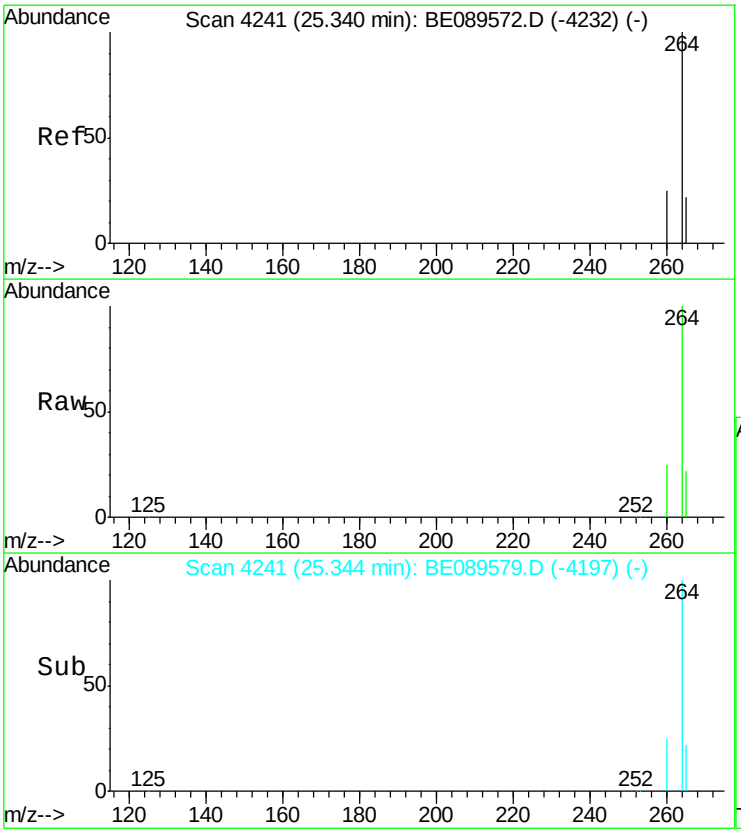
#26
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.75 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:276 Resp: 214

Ion	Ratio	Lower	Upper
276	100		
138	15.0	22.1	33.1#
277	14.5	19.4	29.2#

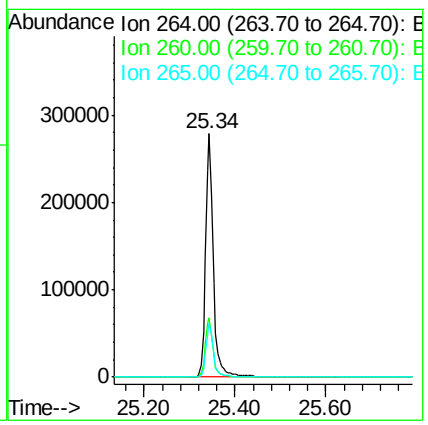


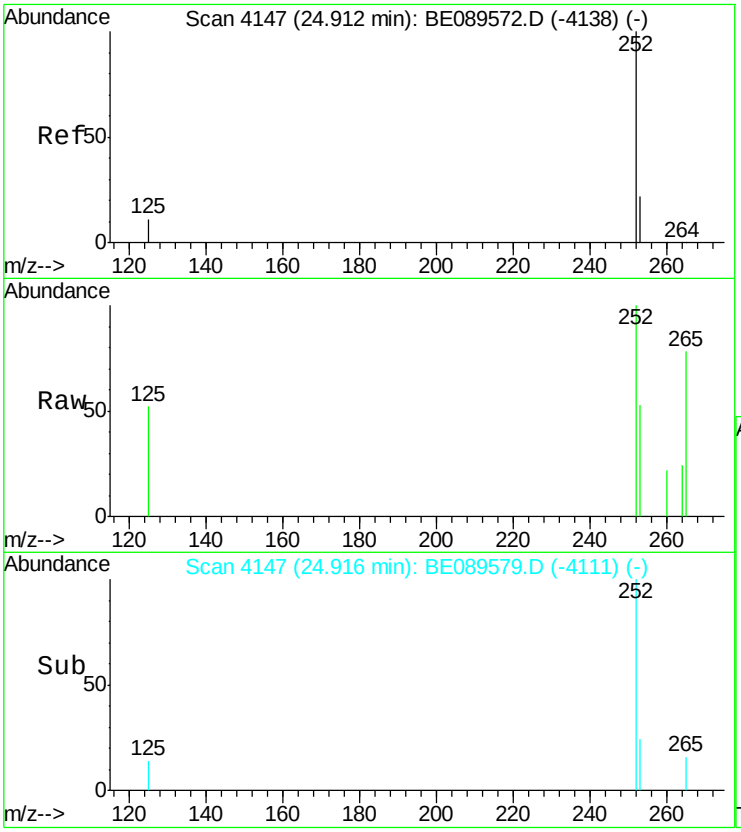


#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4241
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:264 Resp: 330703

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	22.1	17.5	26.3



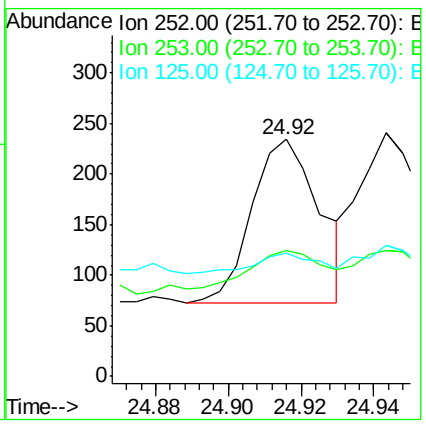


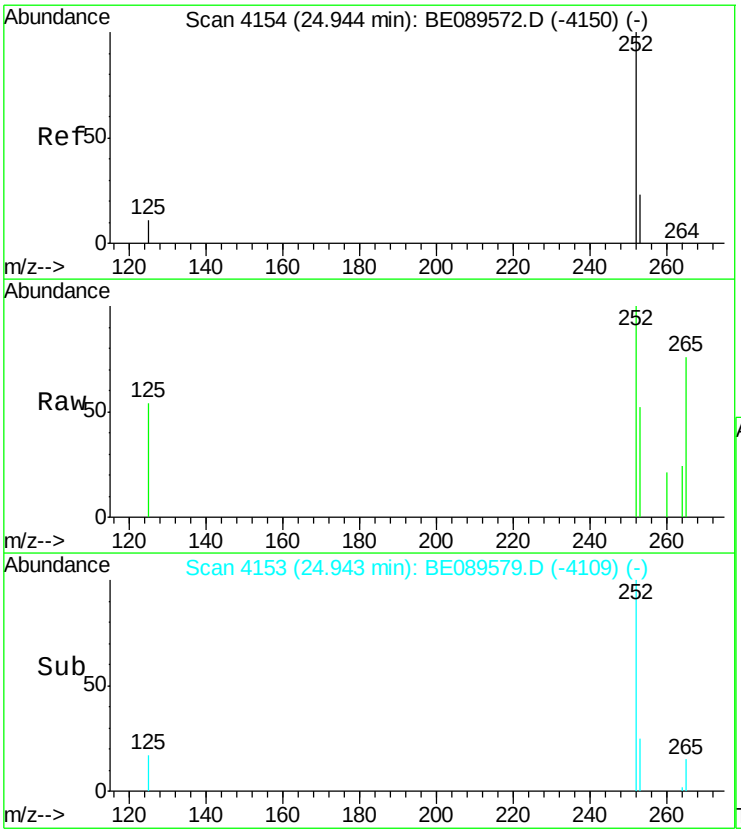
#28
Benzo(b)fluoranthene
Concen: 0.00 ng
RT: 24.92 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:252 Resp: 208

Ion	Ratio	Lower	Upper
252	100		
253	53.4	17.5	26.3#
125	52.1	9.0	13.4#

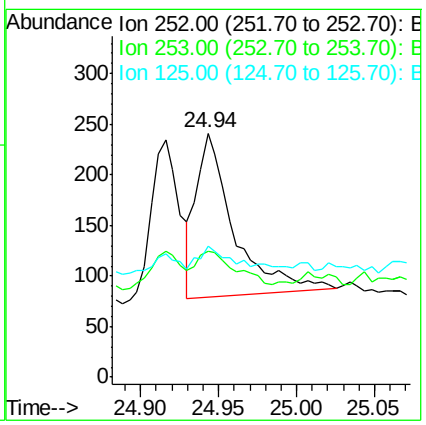


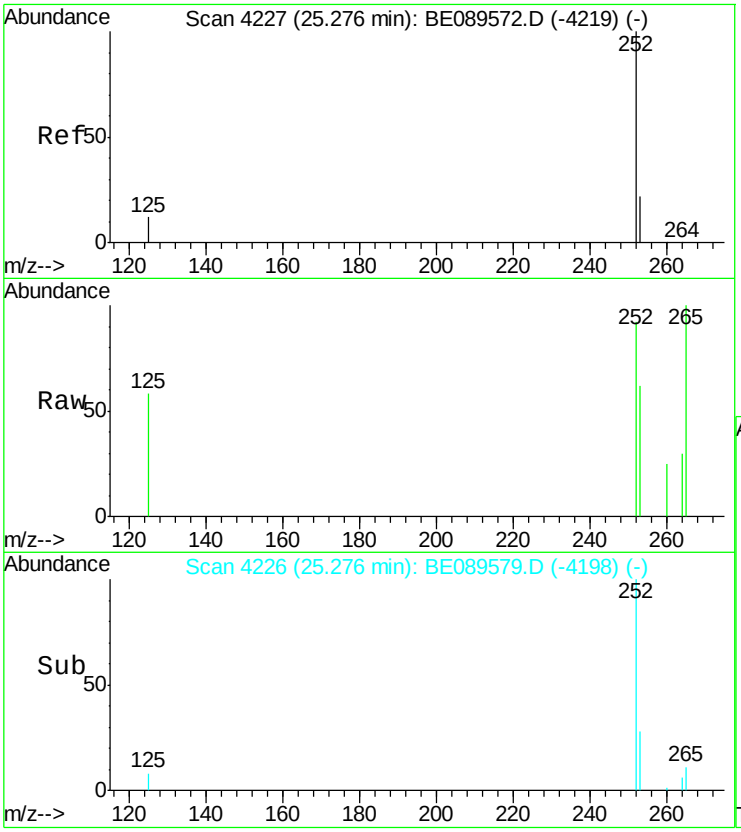


#29
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 24.94 min Scan# 4153
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:252 Resp: 270

Ion	Ratio	Lower	Upper
252	100		
253	51.9	18.2	27.2#
125	53.5	8.9	13.3#



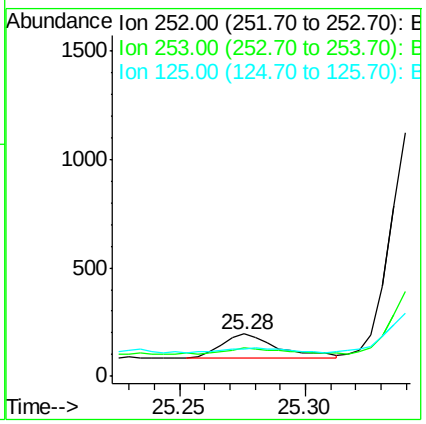


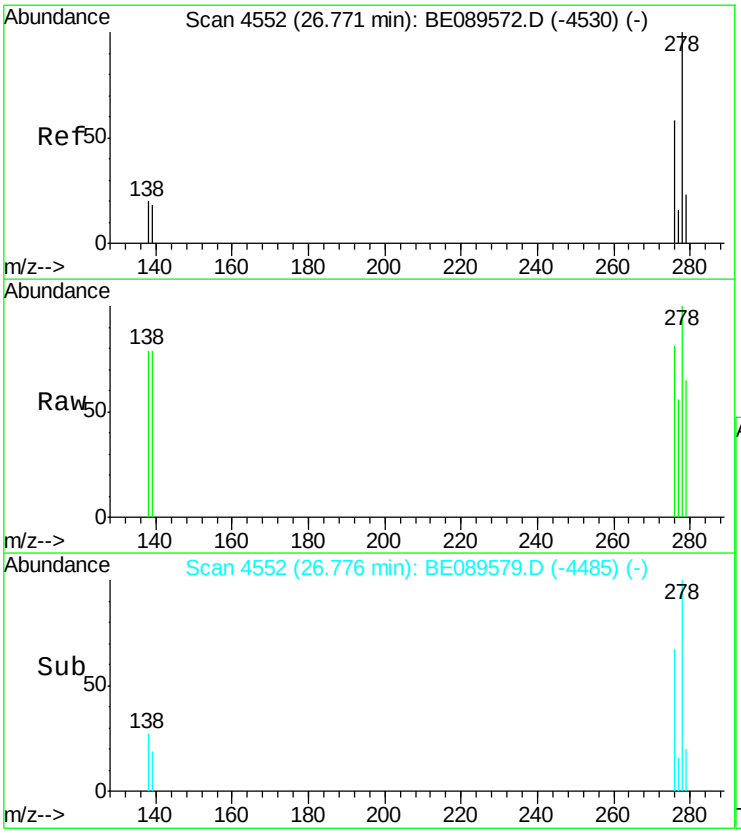
#30
Benzo(a)pyrene
Concen: 0.00 ng
RT: 25.28 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Instrument :
BNA_E
ClientSampleId :
PB81705BL

Tgt Ion:252 Resp: 174

Ion	Ratio	Lower	Upper
252	100		
253	67.3	17.9	26.9#
125	62.8	9.5	14.3#





#31
Dibenzo(a,h)anthracene
Concen: 0.00 ng
RT: 26.78 min Scan# 4552
Delta R.T. 0.00 min
Lab File: BE089579.D
Acq: 16 Feb 2015 21:46

Tgt Ion:278 Resp: 175

Ion	Ratio	Lower	Upper
278	100		
139	78.8	14.7	22.1#
279	65.3	19.0	28.4#