Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089479.D
Acq On : 4 Feb 2015 00:46
Operator : TP/IZ
Sample : PB81408BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81408BS

Quant Time: Feb 04 02:54:15 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	174683	5.00	ng		0.00
7) Naphthalene-d8	12.44	136	697728	5.00	ng		0.01
13) Acenaphthene-d10	16.62	164	326934	5.00	ng		0.01
17) Phenanthrene-d10	19.94	188	554386	5.00	ng		0.00
20) Chrysene-d12	23.80	240	511337	5.00	ng		0.02
27) Perylene-d12	25.50	264	484514	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.74	112	574251	10.17	ng		0.02
4) Phenol-d6	8.87	99	749905	10.58	ng		0.04
8) Nitrobenzene-d5	10.81	82	464272	8.80	ng		0.02
14) 2,4,6-Tribromophenol	18.53	330	140242	9.90	ng		0.02
15) 2-Fluorobiphenyl	15.07	172	661771	7.68	ng		0.01
22) Terphenyl-d14	22.44	244	673568	9.29	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.55	42	253589	7.14	ng	#	75
5) Phenol	8.90	94	485689	6.26	ng	#	66
6) bis(2-Chloroethyl)ether	9.02	93	404411	7.20	ng	#	98
9) Nitrobenzene	10.85	77	472401	7.82	ng		99
10) 2,4-Dimethylphenol	11.79	122	301379	6.90	ng		94
11) 2,4-Dichlorophenol	12.17	162	249562	7.74	ng		95
12) Hexachlorobutadiene	12.81	225	149986	6.95	ng		98
16) 2,4-Dinitrophenol	16.87	184	109277	13.94	ng	#	61
18) Hexachlorobenzene	19.18	284	213646	7.45	ng	#	82
19) Pentachlorophenol	19.62	266	188468	14.28	ng		99
21) Benzidine	22.10	184	863161	33.78	ng		98
23) Benzo(a)anthracene	23.78	228	3589127	7.90	ng		98
24) 3,3'-Dichlorobenzidine	23.77	252	353298	8.24	ng		98
25) Chrysene	23.83	228	3242274	6.85	ng		94
26) Indeno(1,2,3-cd)pyrene	26.99	276	1006791	7.54	ng		99
28) Benzo(b)fluoranthene	25.05	252	826195	7.46	ng		98
29) Benzo(k)fluoranthene	25.08	252	908178	7.23	ng		98
30) Benzo(a)pyrene	25.43	252	839855	7.76	ng		97
31) Dibenzo(a,h)anthracene	27.01	278	888913	7.76	ng		97

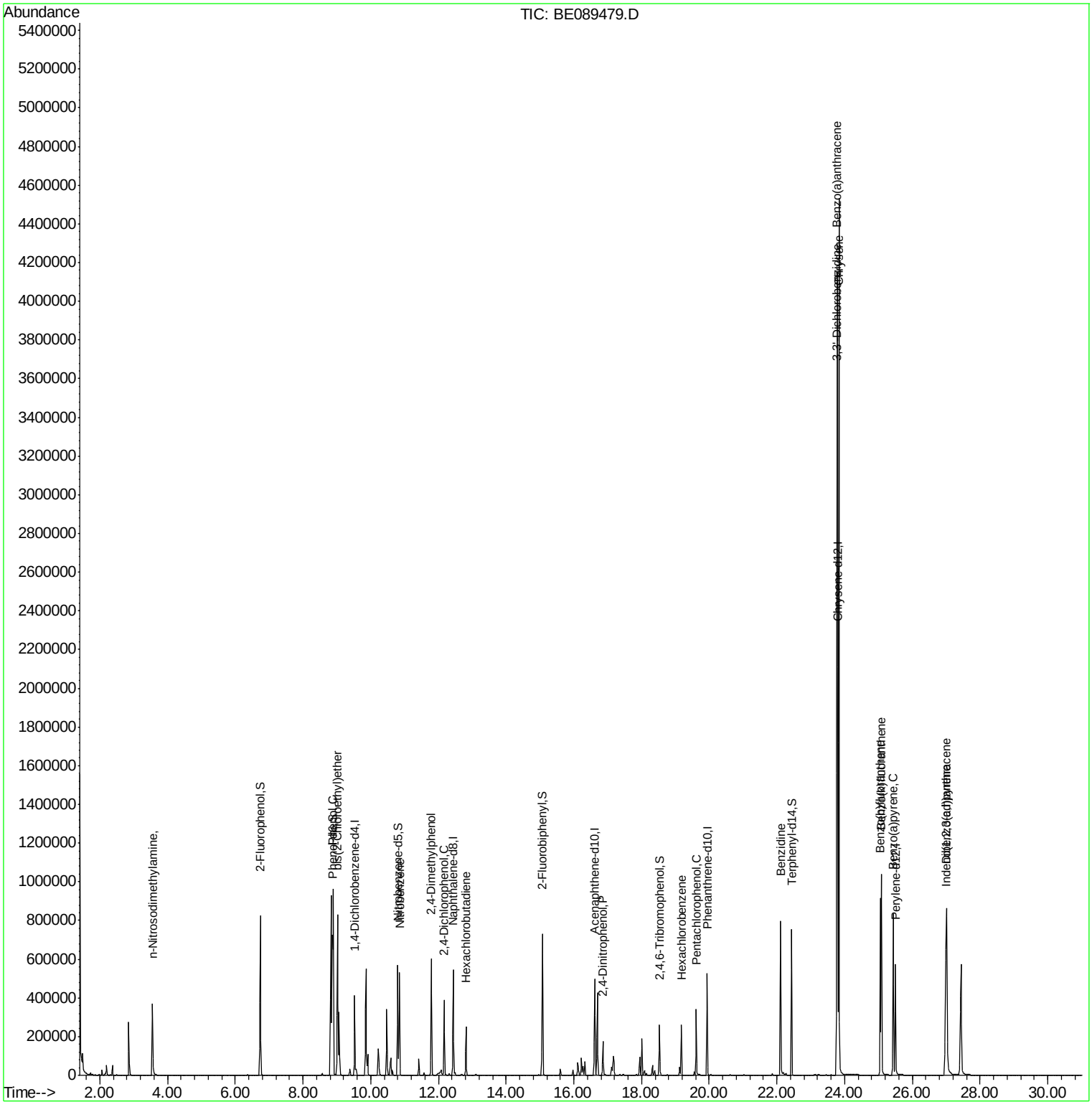
(#) = qualifier out of range (m) = manual integration (+) = signals summed

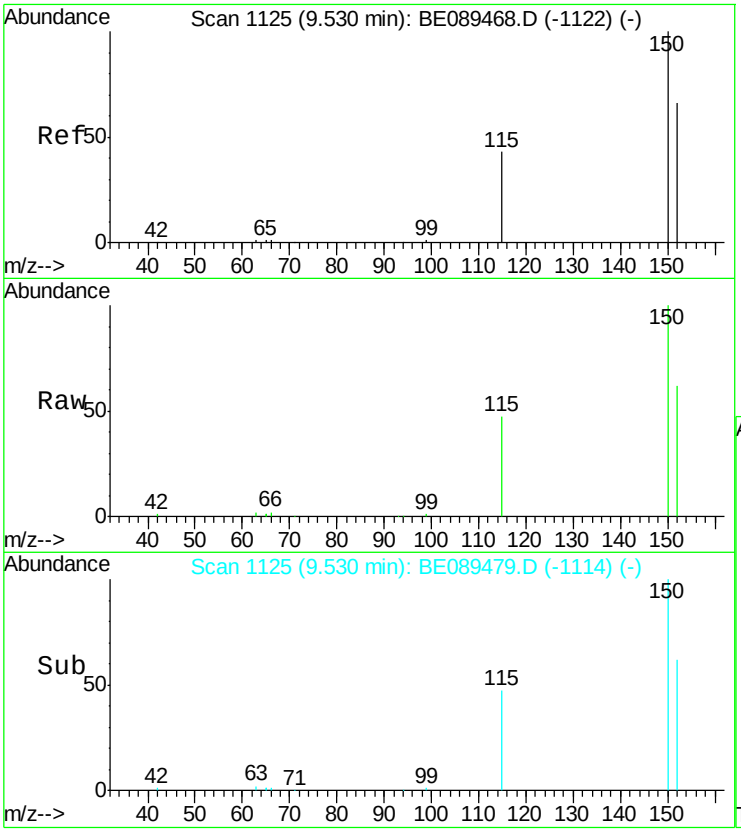
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089479.D
Acq On : 4 Feb 2015 00:46
Operator : TP/IZ
Sample : PB81408BS
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Quant Time: Feb 04 02:54:15 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



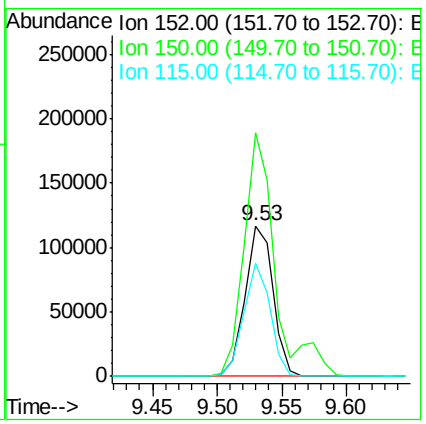


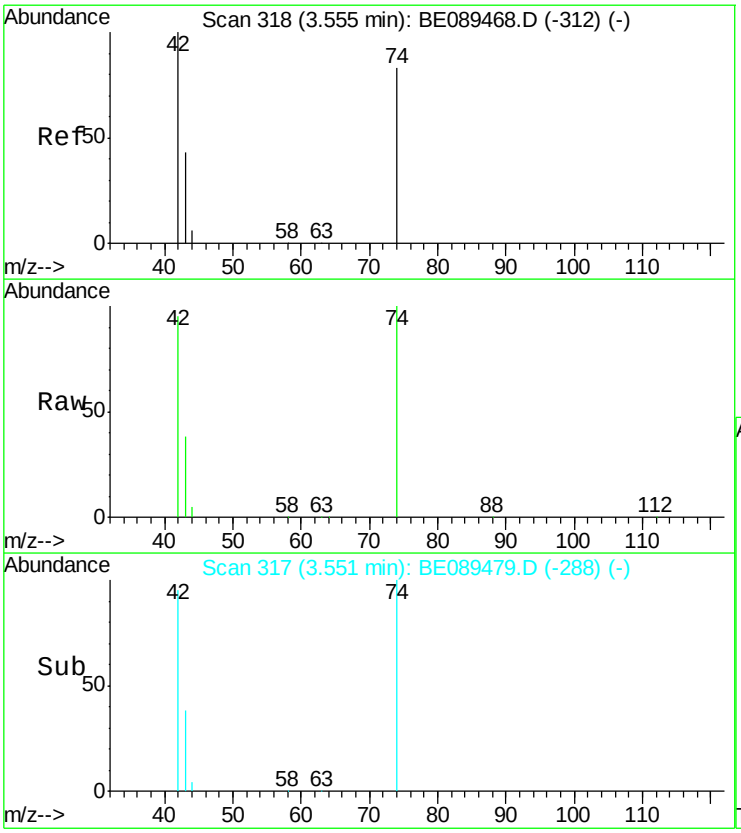
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.53 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:152 Resp: 174683

Ion	Ratio	Lower	Upper
152	100		
150	161.5	122.1	183.1
115	75.3	53.2	79.8

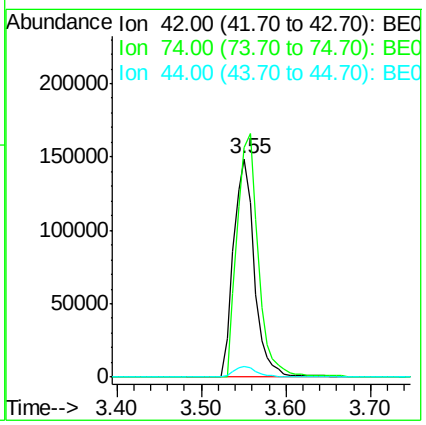


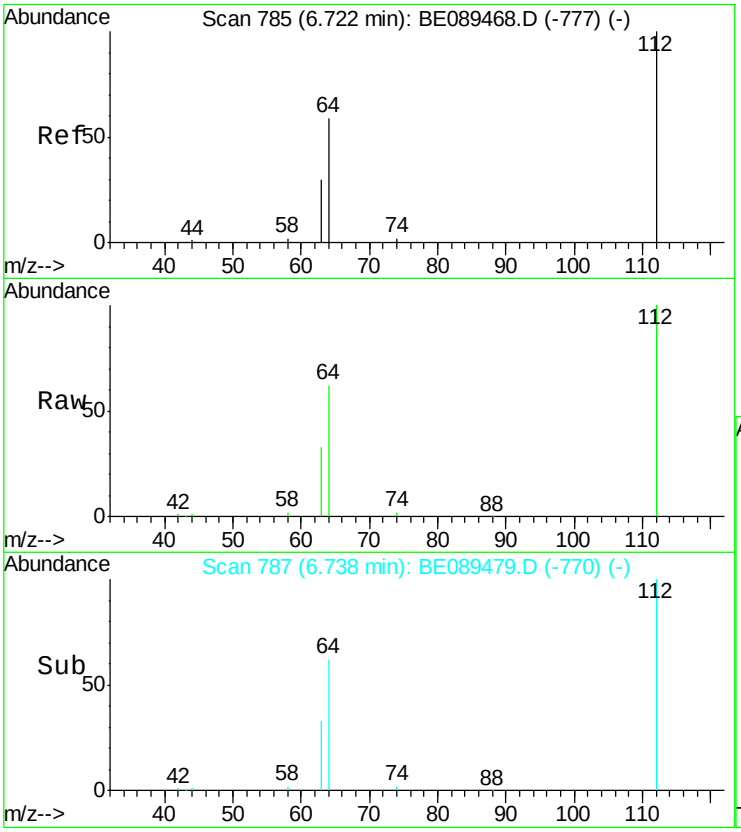


#2
n-Nitrosodimethylamine
Concen: 7.14 ng
RT: 3.55 min Scan# 317
Delta R.T. -0.00 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion: 42 Resp: 253589

Ion	Ratio	Lower	Upper
42	100		
74	104.7	65.4	98.2#
44	4.9	11.7	17.5#



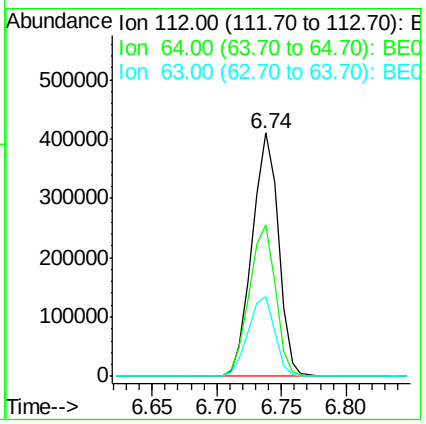


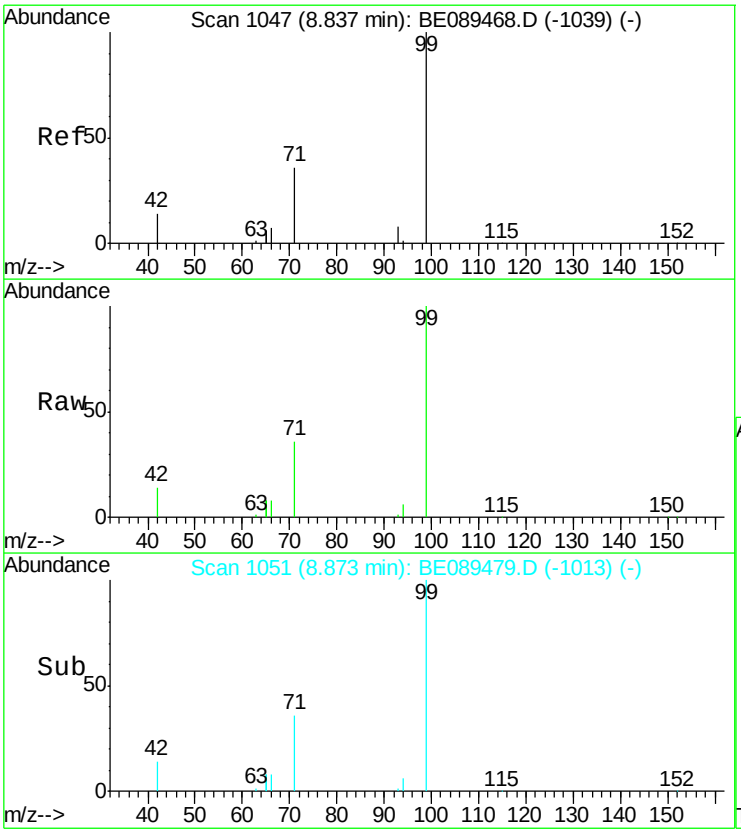
#3
2-Fluorophenol
Concen: 10.17 ng
RT: 6.74 min Scan# 787
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:112 Resp: 574251

Ion	Ratio	Lower	Upper
112	100		
64	62.2	47.0	70.6
63	32.7	24.2	36.2

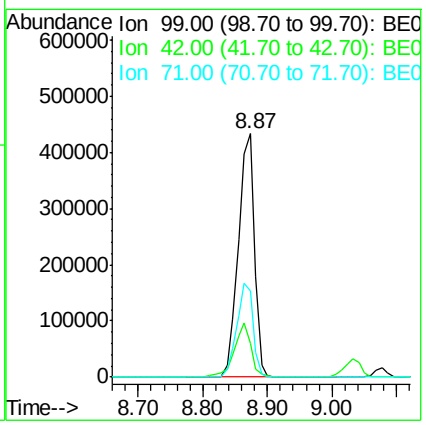


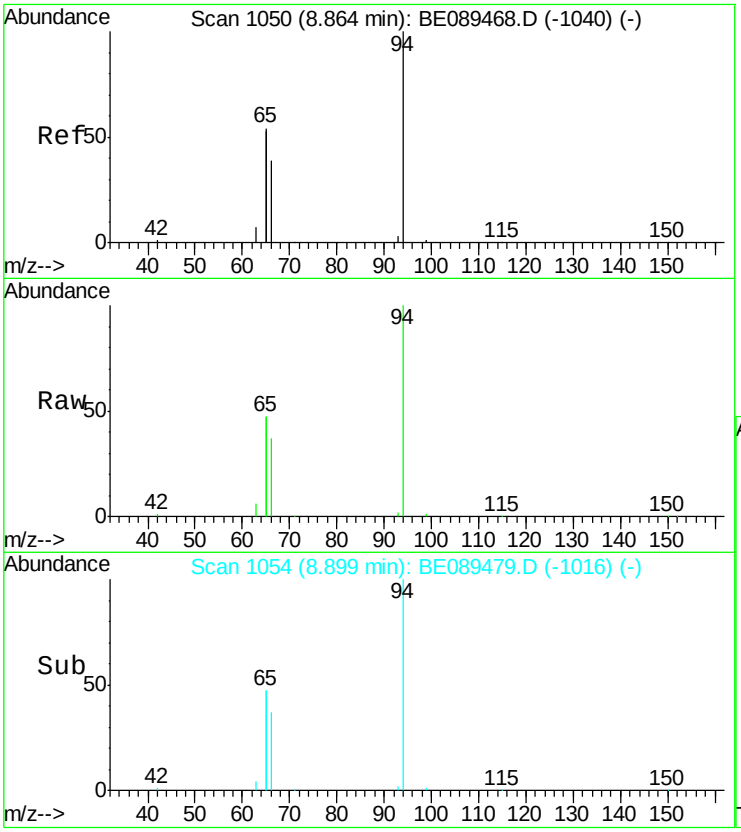


#4
Phenol-d6
Concen: 10.58 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.04 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion: 99 Resp: 749905

Ion	Ratio	Lower	Upper
99	100		
42	14.0	11.8	17.6
71	35.6	28.7	43.1



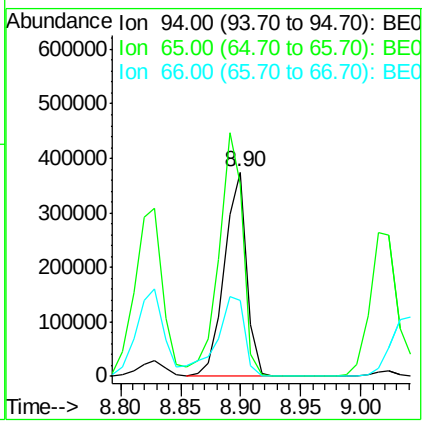


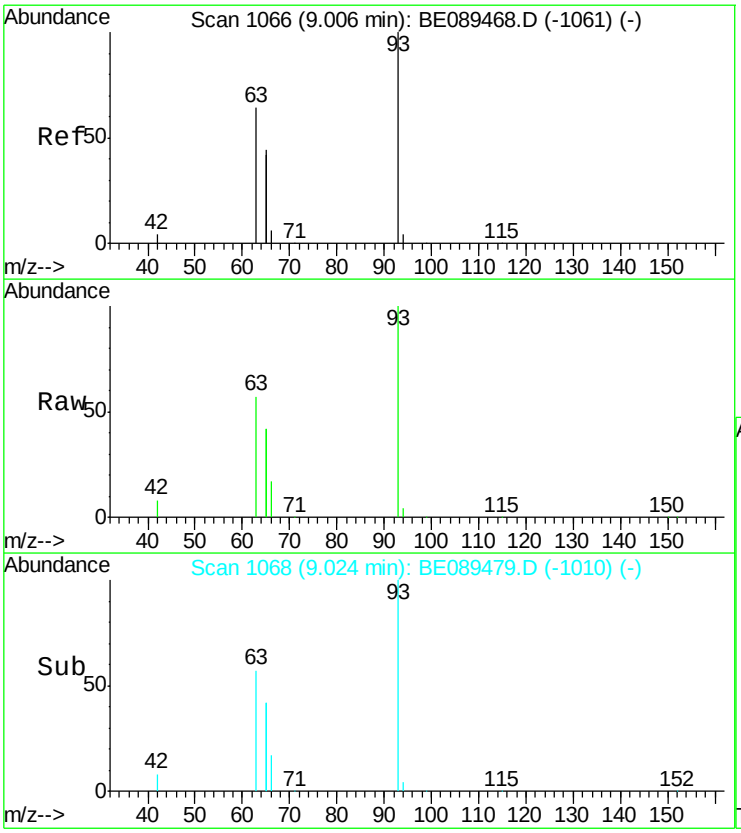
#5
Phenol
Concen: 6.26 ng
RT: 8.90 min Scan# 1054
Delta R.T. 0.04 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion: 94 Resp: 485689

Ion	Ratio	Lower	Upper
94	100		
65	94.0	33.9	73.9#
66	36.9	19.1	59.1

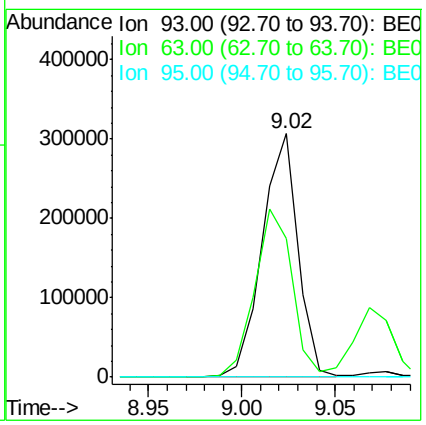


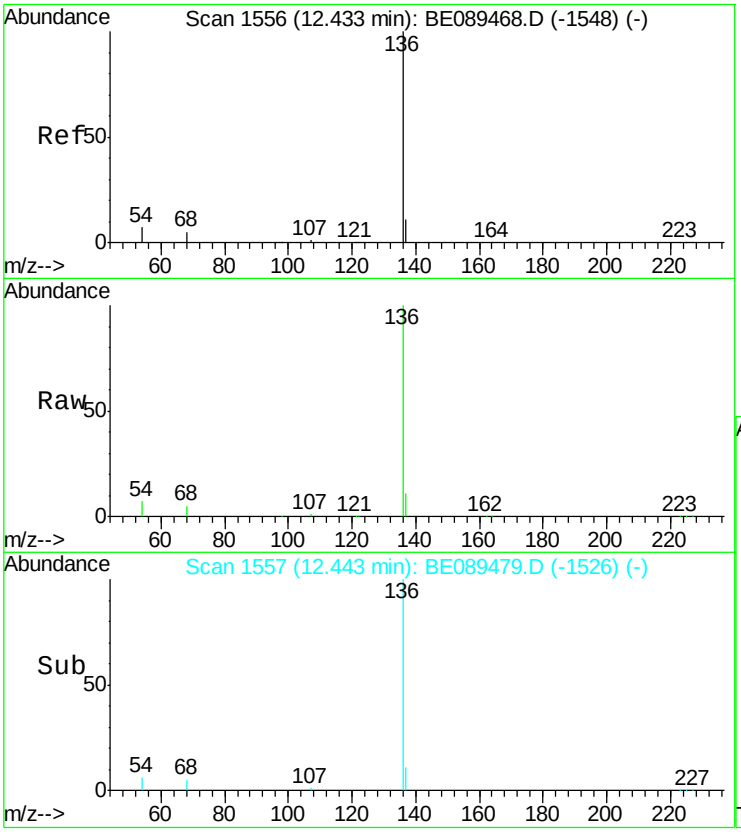


#6
bis(2-Chloroethyl)ether
Concen: 7.20 ng
RT: 9.02 min Scan# 1068
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion: 93 Resp: 404411

Ion	Ratio	Lower	Upper
93	100		
63	72.6	57.0	85.6
95	0.0	0.0	0.0



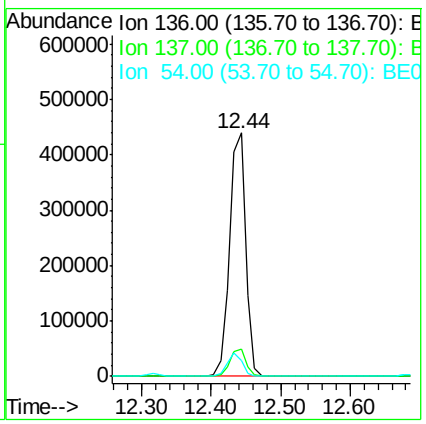


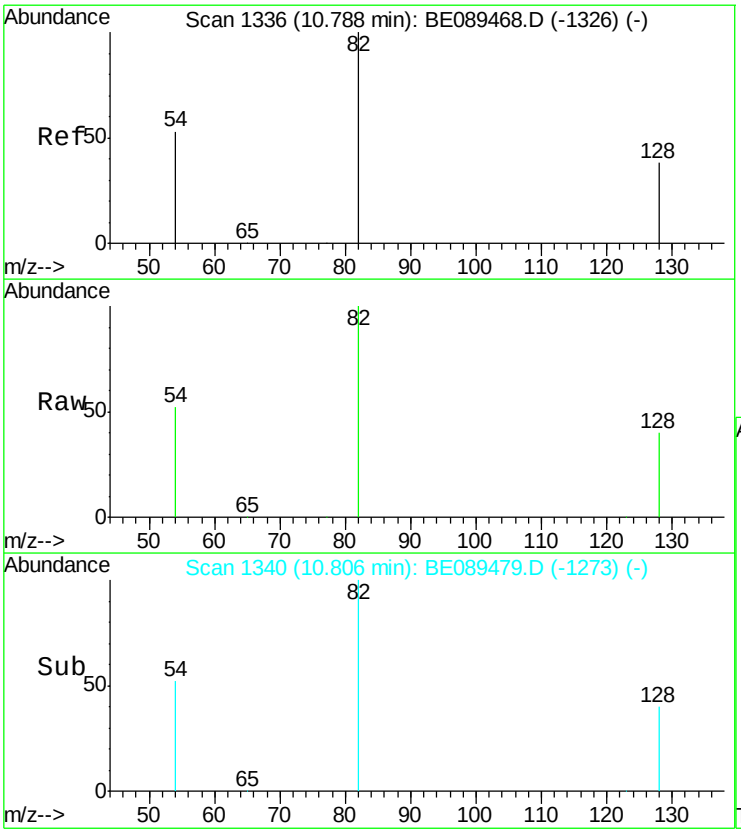
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.44 min Scan# 1557
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:136 Resp: 697728

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.5	5.4	8.0

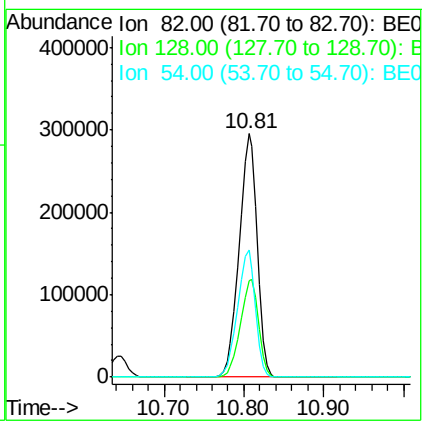


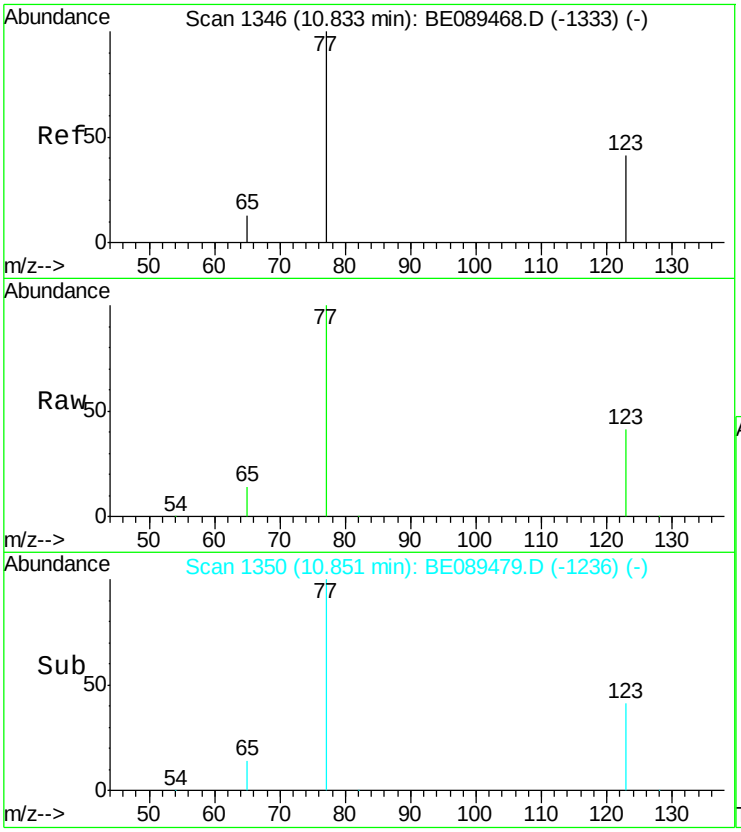


#8
Nitrobenzene-d5
Concen: 8.80 ng
RT: 10.81 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion: 82 Resp: 464272

Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.3	45.5
54	52.1	43.1	64.7



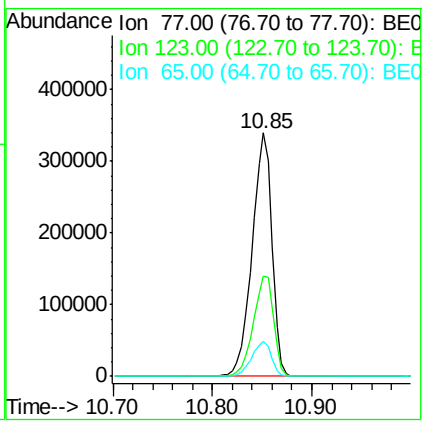


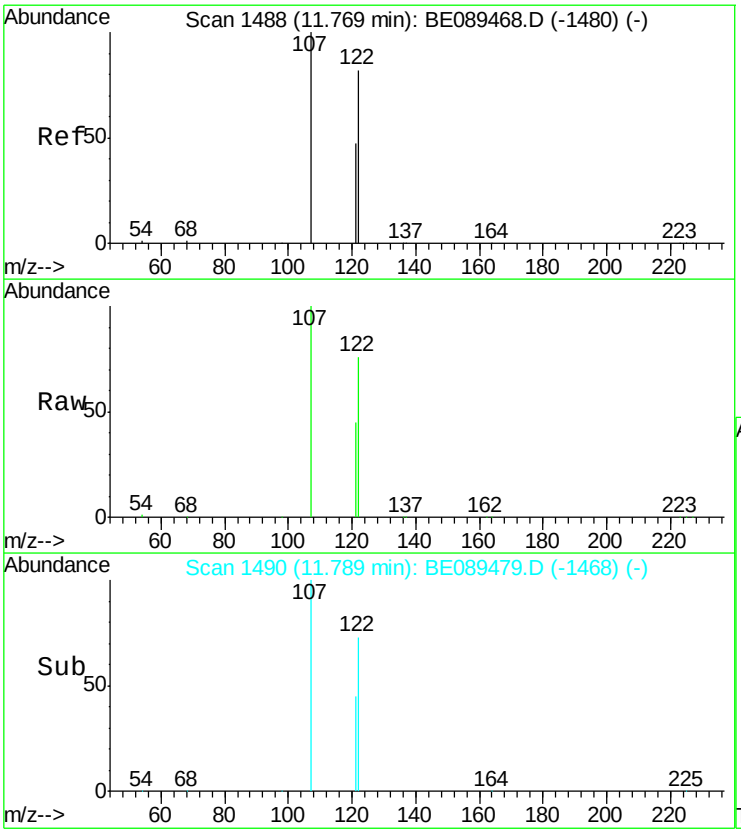
#9
Nitrobenzene
Concen: 7.82 ng
RT: 10.85 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion: 77 Resp: 472401

Ion	Ratio	Lower	Upper
77	100		
123	42.3	33.4	50.0
65	14.4	10.9	16.3

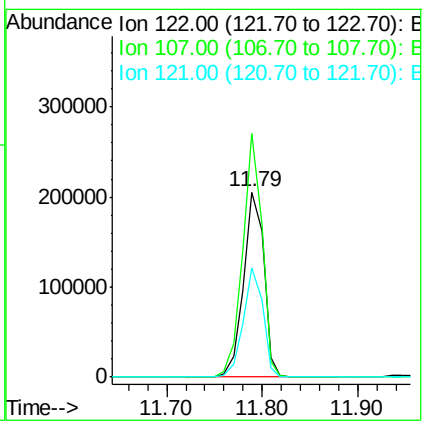


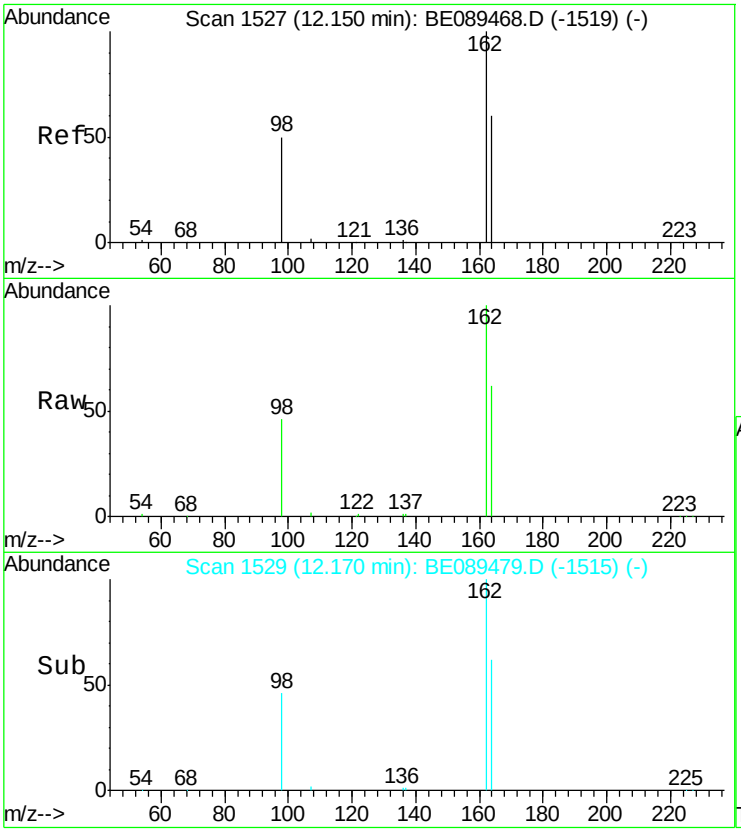


#10
2,4-Dimethylphenol
Concen: 6.90 ng
RT: 11.79 min Scan# 1490
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:122 Resp: 301379

Ion	Ratio	Lower	Upper
122	100		
107	131.5	97.3	145.9
121	58.9	46.4	69.6



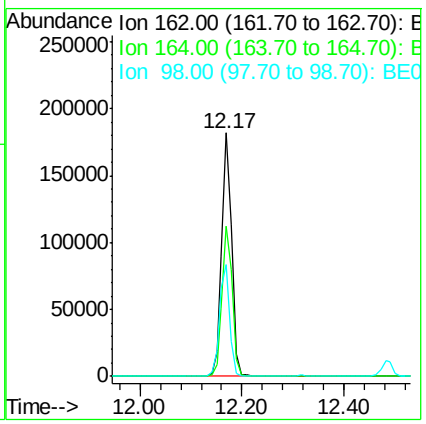


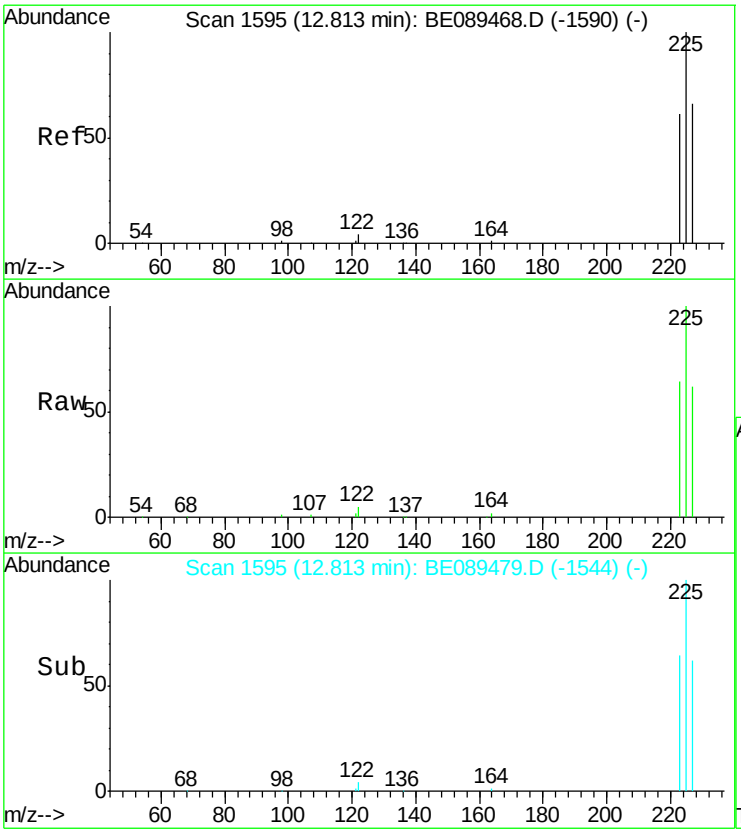
#11
2,4-Dichlorophenol
Concen: 7.74 ng
RT: 12.17 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:162 Resp: 249562

Ion	Ratio	Lower	Upper
162	100		
164	61.5	39.9	79.9
98	45.7	31.3	71.3

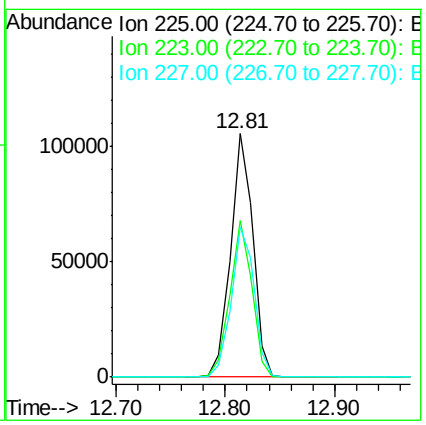


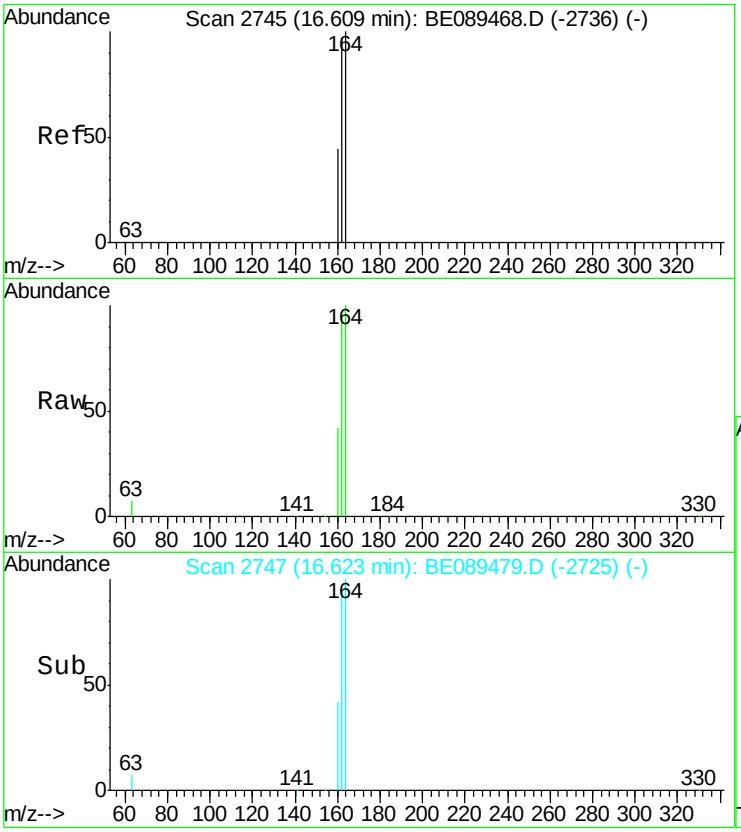


#12
Hexachlorobutadiene
Concen: 6.95 ng
RT: 12.81 min Scan# 1595
Delta R.T. 0.00 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:225 Resp: 149986

Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.4	74.0
227	63.4	51.2	76.8



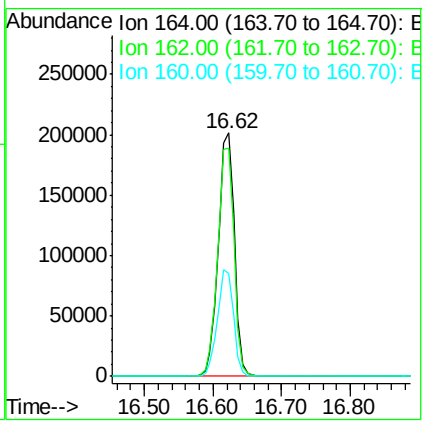


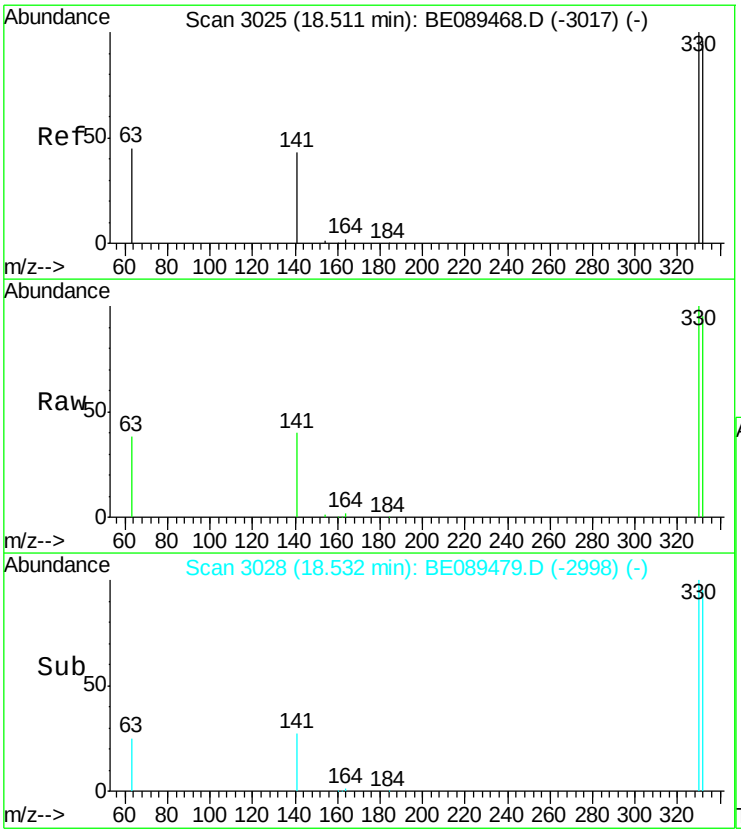
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.62 min Scan# 2747
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:164 Resp: 326934

Ion	Ratio	Lower	Upper
164	100		
162	93.7	77.6	116.4
160	42.3	35.6	53.4

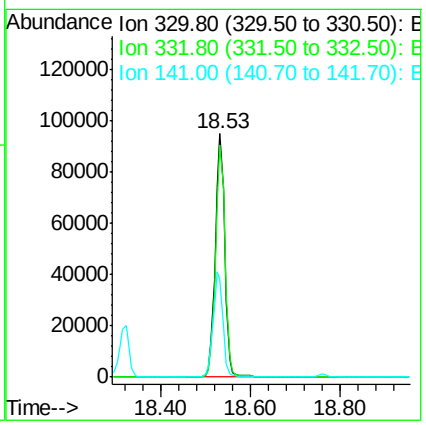


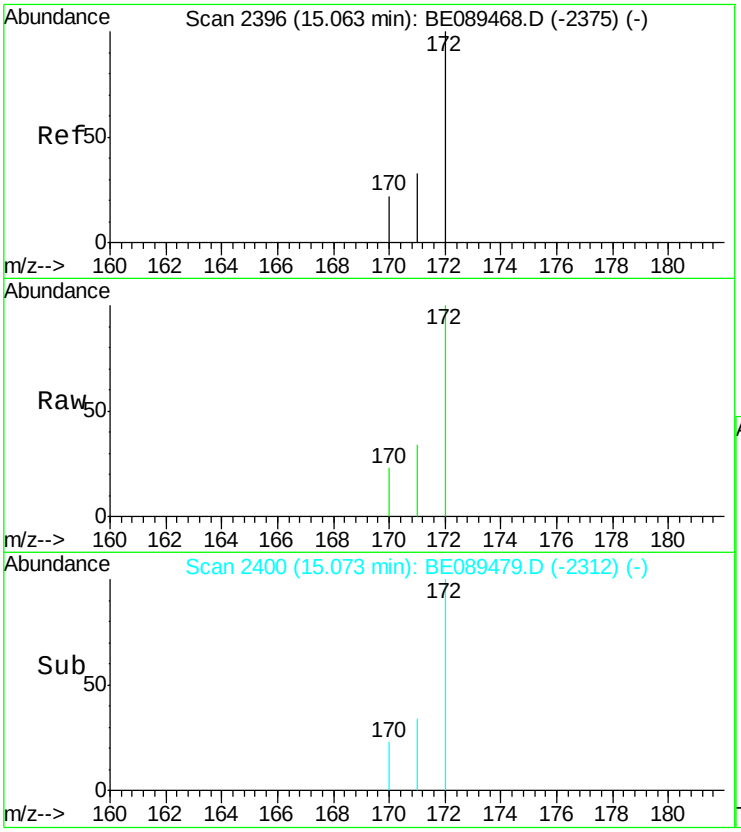


#14
2,4,6-Tribromophenol
Concen: 9.90 ng
RT: 18.53 min Scan# 3028
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:330 Resp: 140242

Ion	Ratio	Lower	Upper
330	100		
332	95.9	78.0	117.0
141	44.3	33.8	50.6



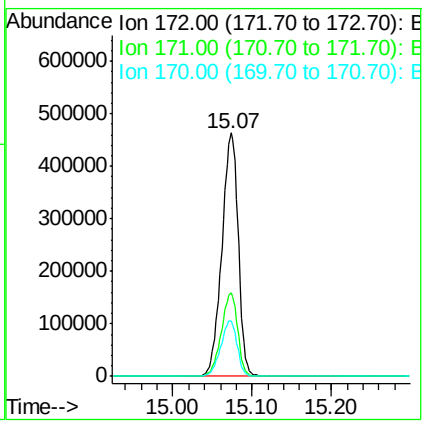


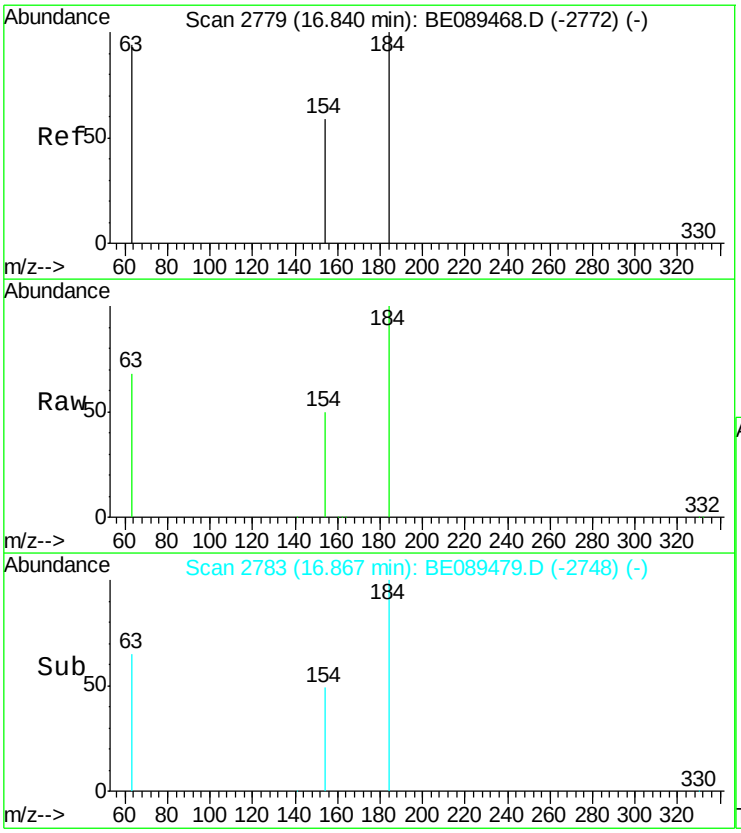
#15
2-Fluorobiphenyl
Concen: 7.68 ng
RT: 15.07 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:172 Resp: 661771

Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.8	40.2
170	23.0	17.7	26.5

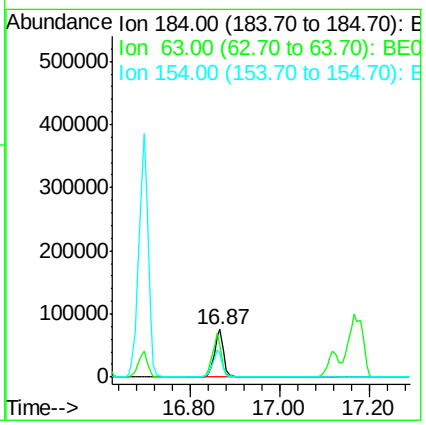


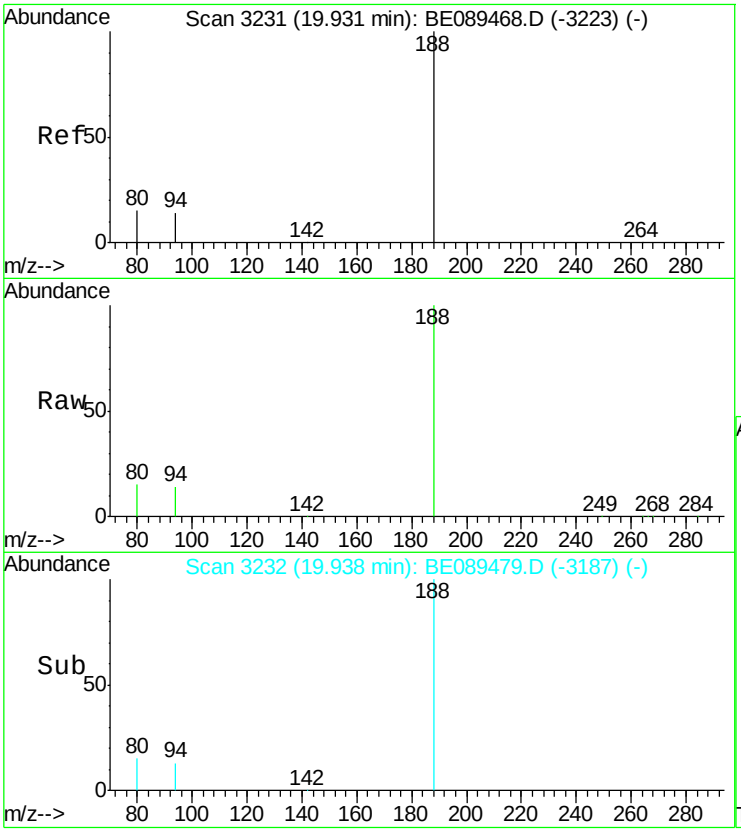


#16
2,4-Dinitrophenol
Concen: 13.94 ng
RT: 16.87 min Scan# 2783
Delta R.T. 0.03 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:184 Resp: 109277

Ion	Ratio	Lower	Upper
184	100		
63	68.1	92.1	138.1#
154	49.8	61.4	92.2#



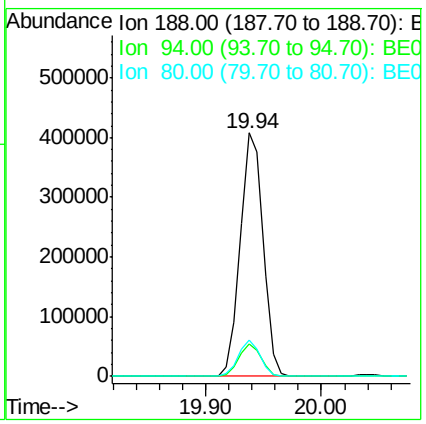


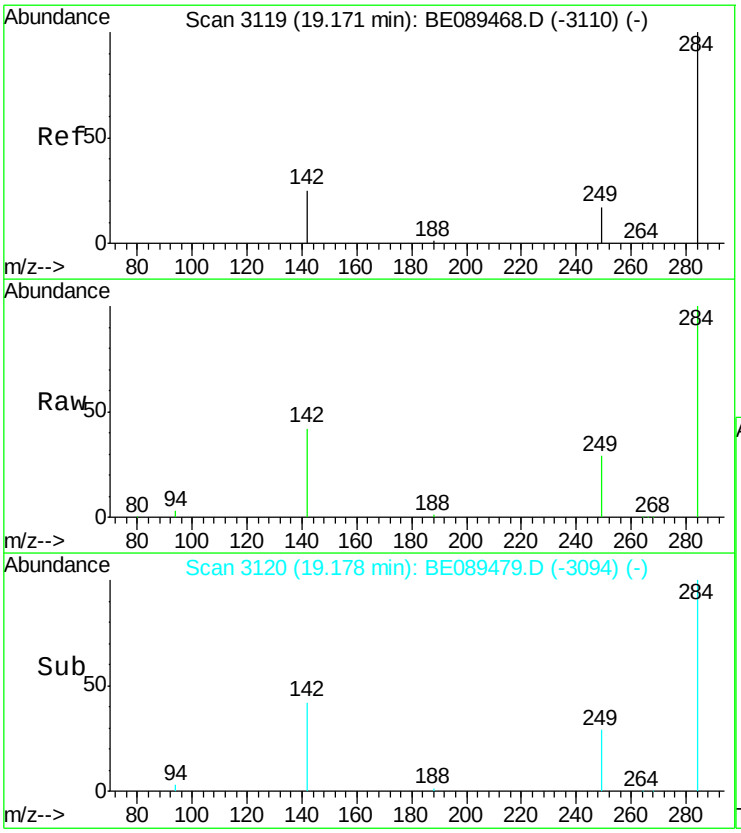
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:188 Resp: 554386

Ion	Ratio	Lower	Upper
188	100		
94	13.5	11.1	16.7
80	14.7	11.8	17.6

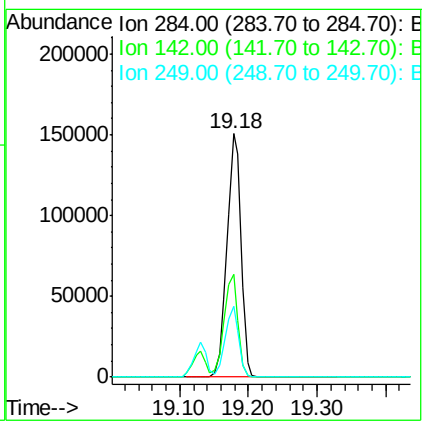


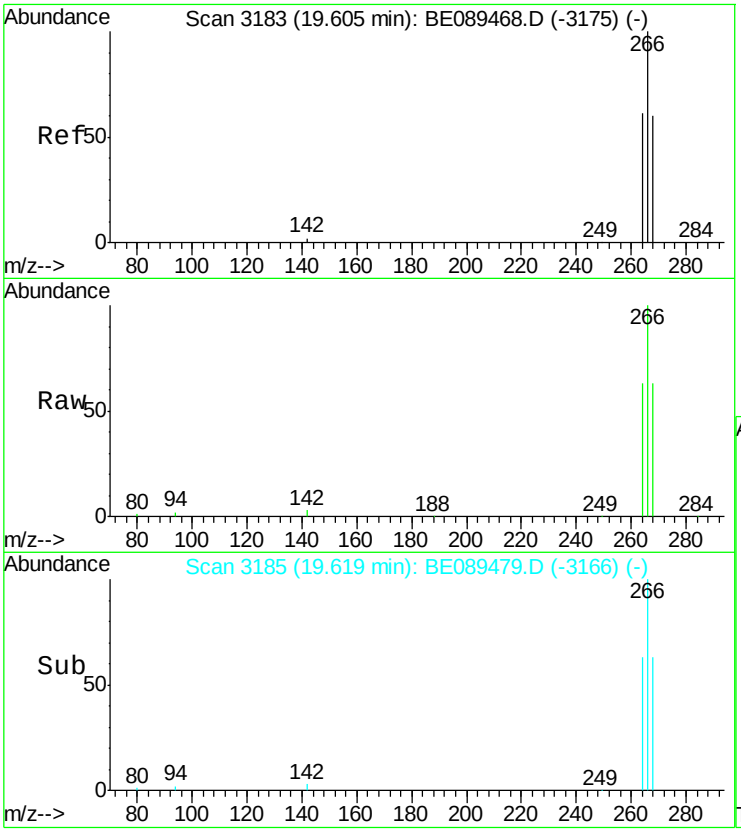


#18
Hexachlorobenzene
Concen: 7.45 ng
RT: 19.18 min Scan# 3120
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:284 Resp: 213646

Ion	Ratio	Lower	Upper
284	100		
142	42.0	24.4	36.6#
249	28.9	18.2	27.2#



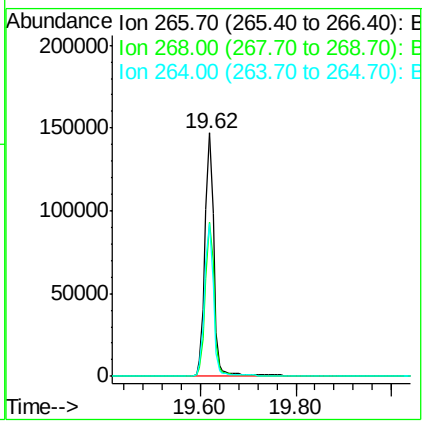


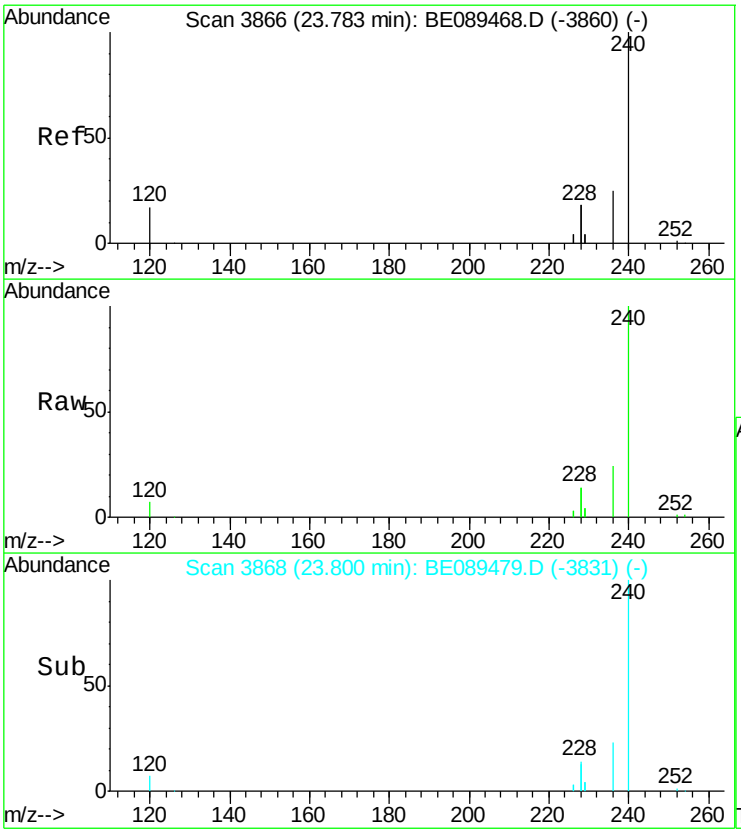
#19
Pentachlorophenol
Concen: 14.28 ng
RT: 19.62 min Scan# 3185
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:266 Resp: 188468

Ion	Ratio	Lower	Upper
266	100		
268	63.1	50.0	75.0
264	62.7	50.6	75.8

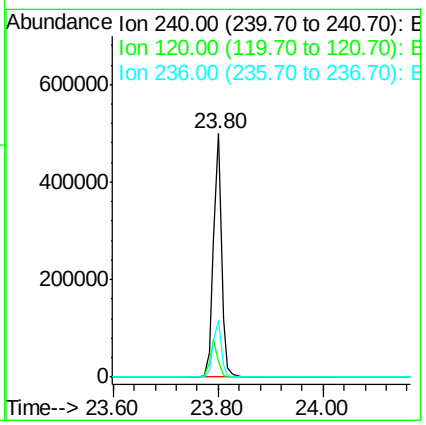


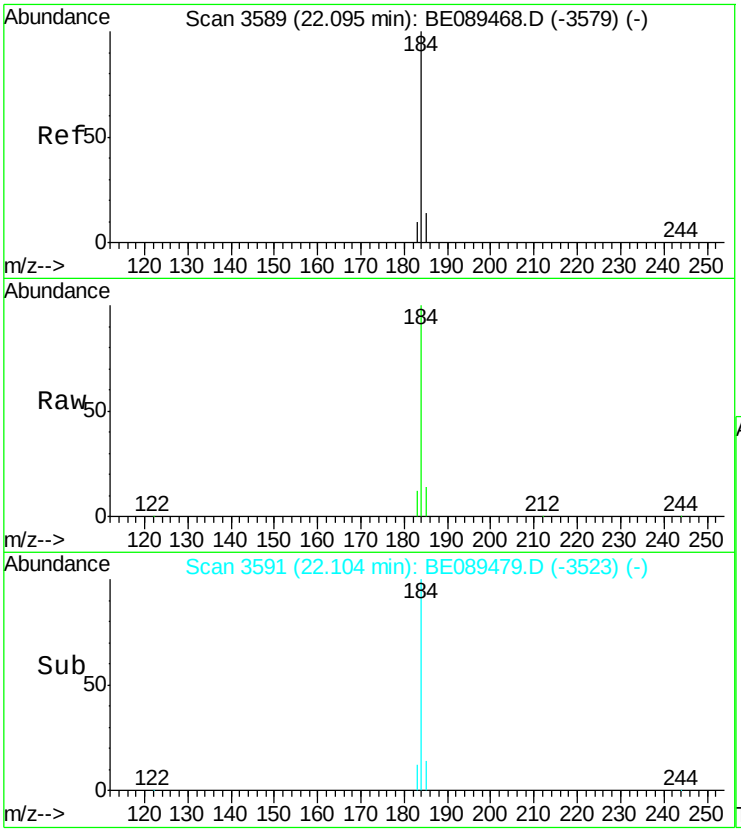


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.80 min Scan# 3868
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:240 Resp: 511337

Ion	Ratio	Lower	Upper
240	100		
120	6.5	13.8	20.6#
236	23.5	20.2	30.2



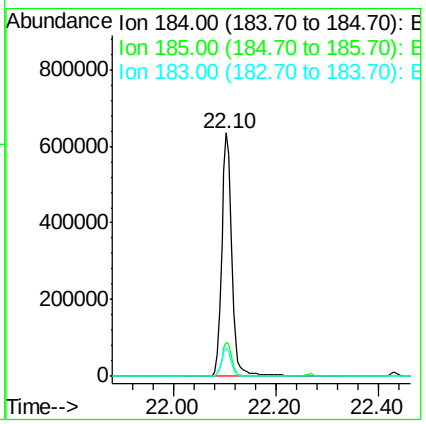


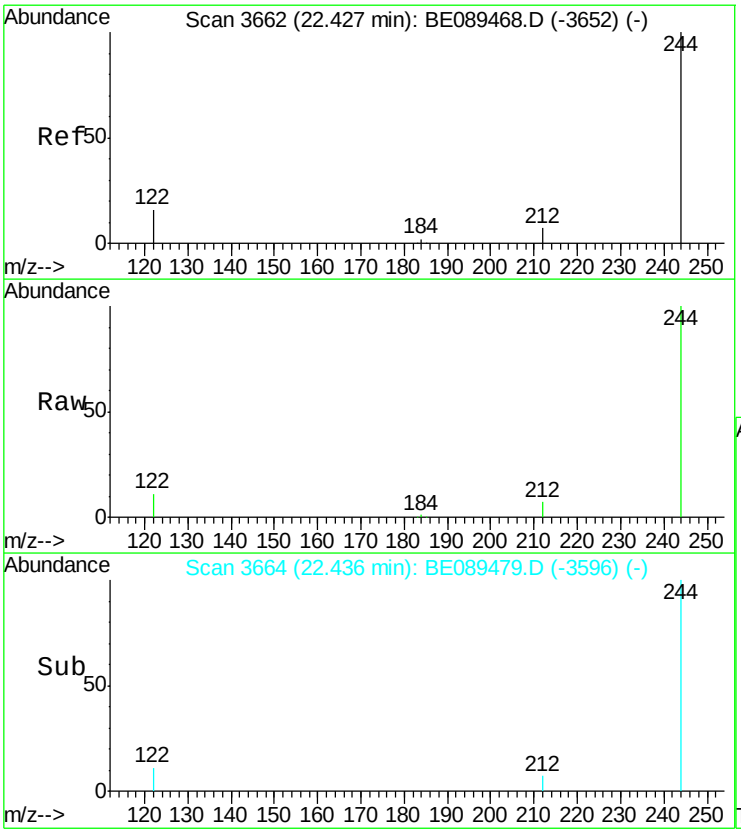
#21
Benzidine
Concen: 33.78 ng
RT: 22.10 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:184 Resp: 863161

Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.0	18.0
183	11.9	9.0	13.4

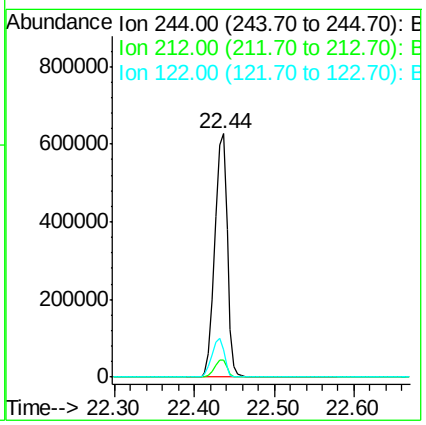


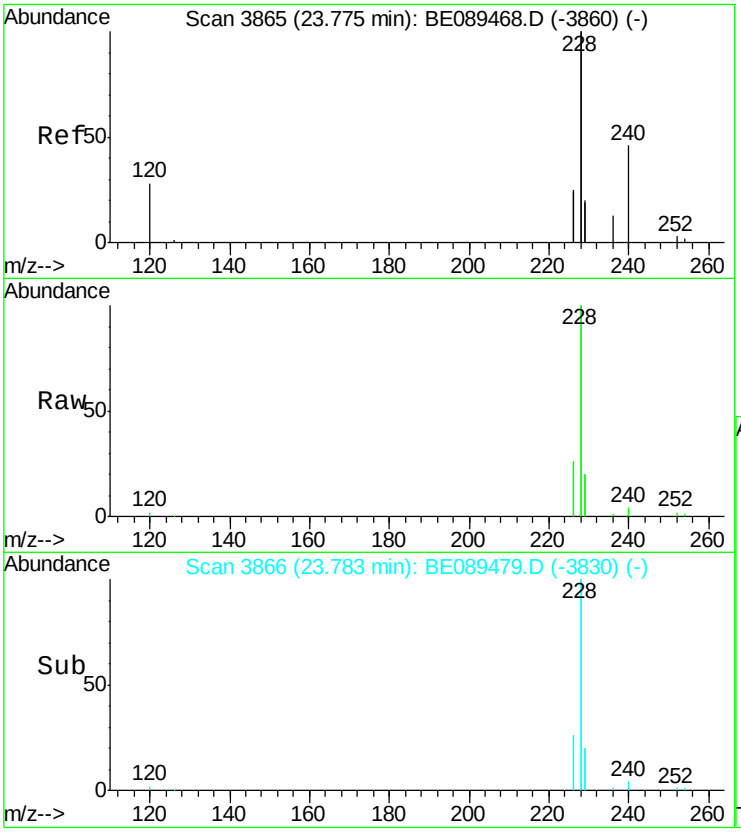


#22
Terphenyl-d14
Concen: 9.29 ng
RT: 22.44 min Scan# 3664
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:244 Resp: 673568

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.1	12.6	19.0#



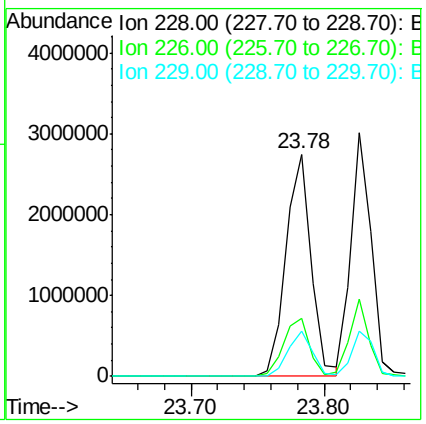


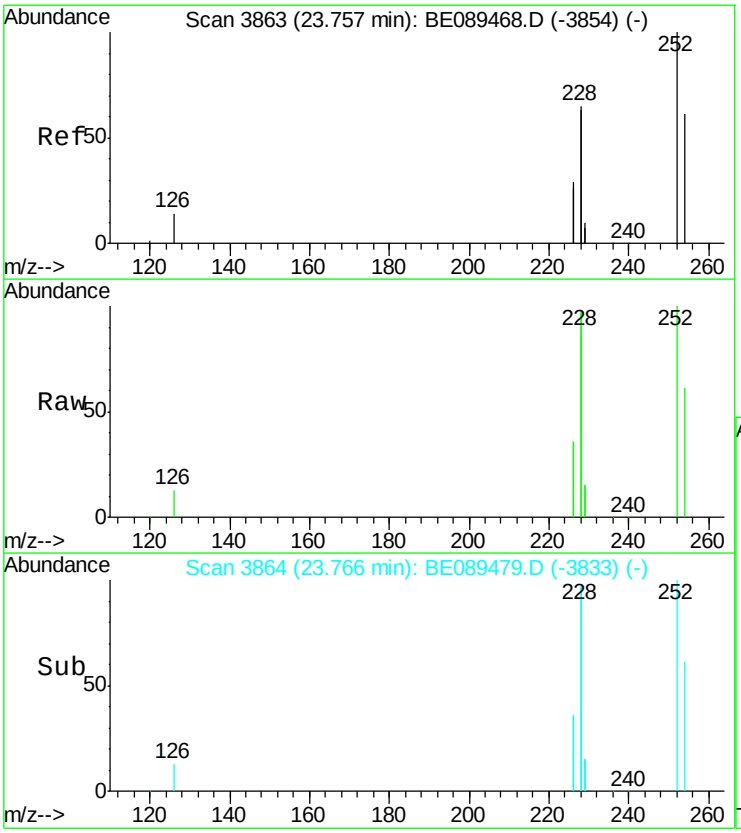
#23
Benzo(a)anthracene
Concen: 7.90 ng
RT: 23.78 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:228 Resp: 3589127

Ion	Ratio	Lower	Upper
228	100		
226	26.1	19.6	29.4
229	20.1	15.9	23.9

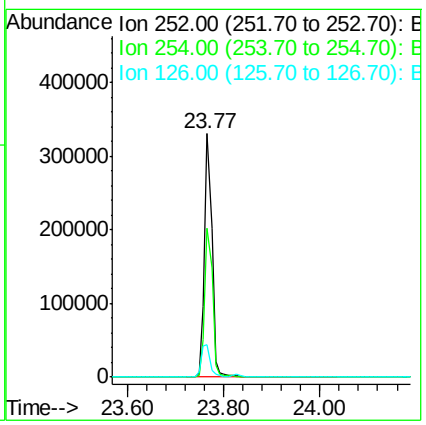


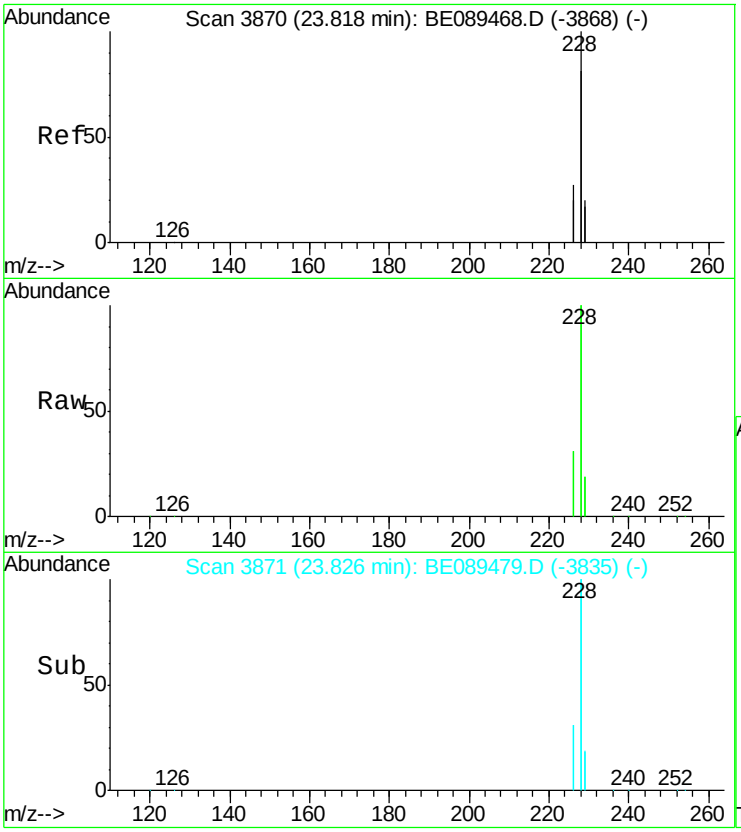


#24
3,3'-Dichlorobenzidine
Concen: 8.24 ng
RT: 23.77 min Scan# 3864
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:252 Resp: 353298

Ion	Ratio	Lower	Upper
252	100		
254	61.3	48.6	73.0
126	13.3	12.4	18.6



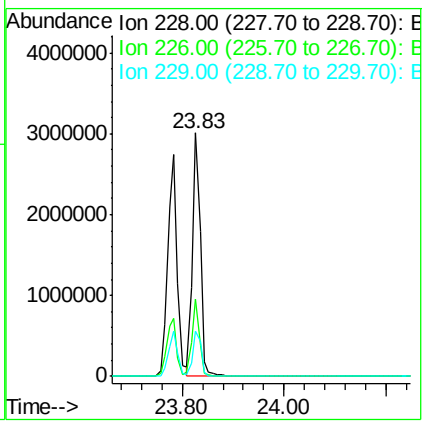


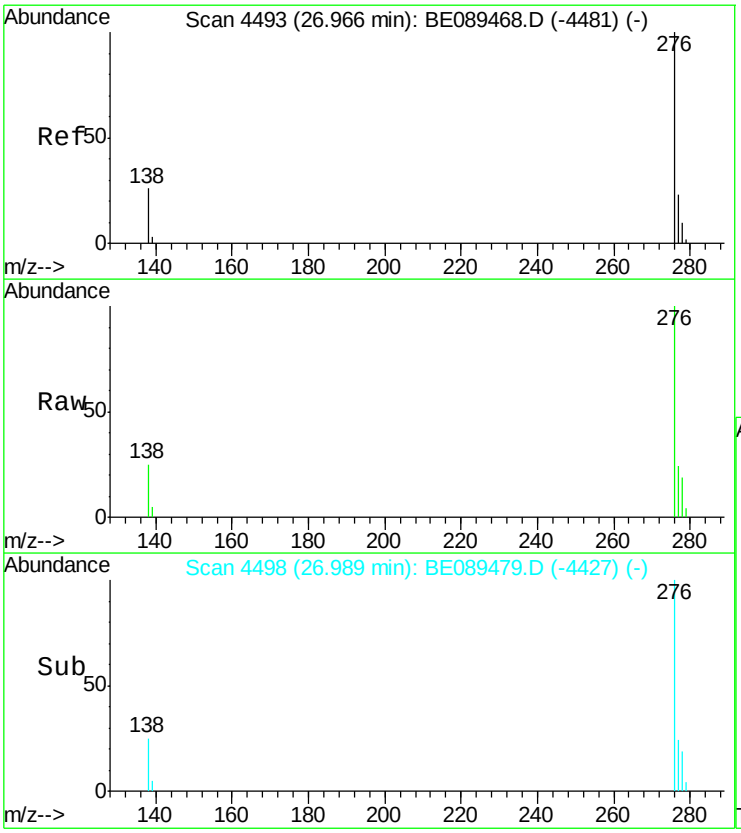
#25
Chrysene
Concen: 6.85 ng
RT: 23.83 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:228 Resp: 3242274

Ion	Ratio	Lower	Upper
228	100		
226	31.5	21.8	32.8
229	18.5	16.2	24.2

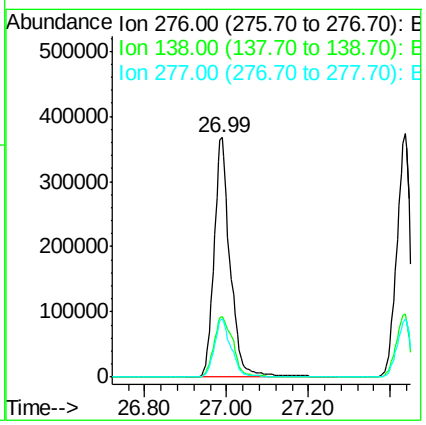


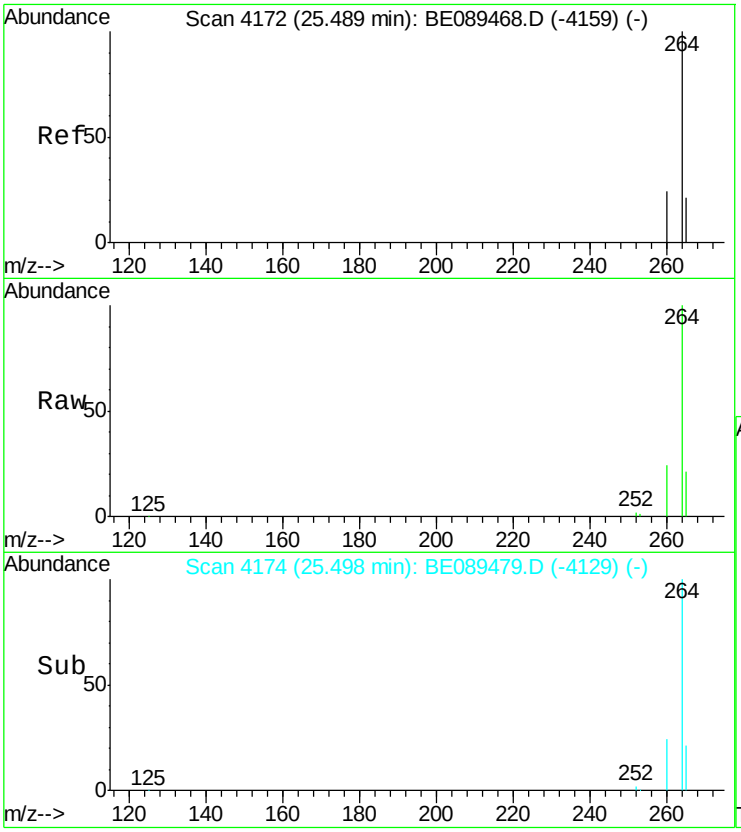


#26
Indeno(1,2,3-cd)pyrene
Concen: 7.54 ng
RT: 26.99 min Scan# 4498
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:276 Resp: 1006791

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.1	19.9	29.9



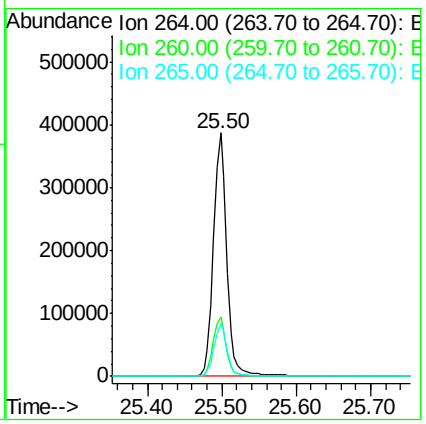


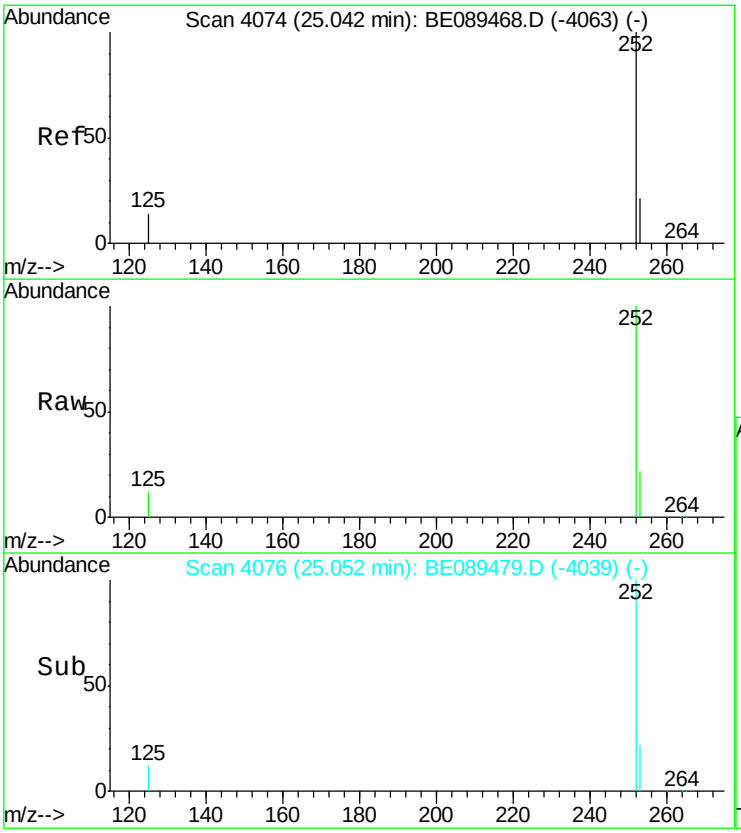
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.50 min Scan# 4174
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:264 Resp: 484514

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.1	28.7
265	21.5	17.0	25.6

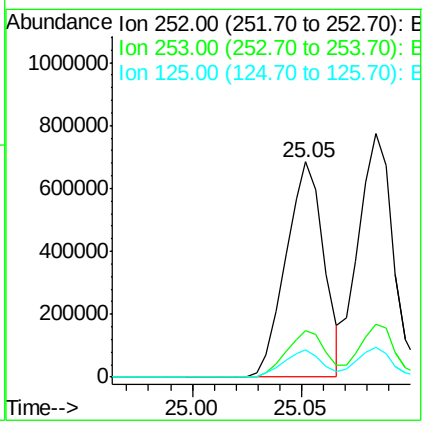


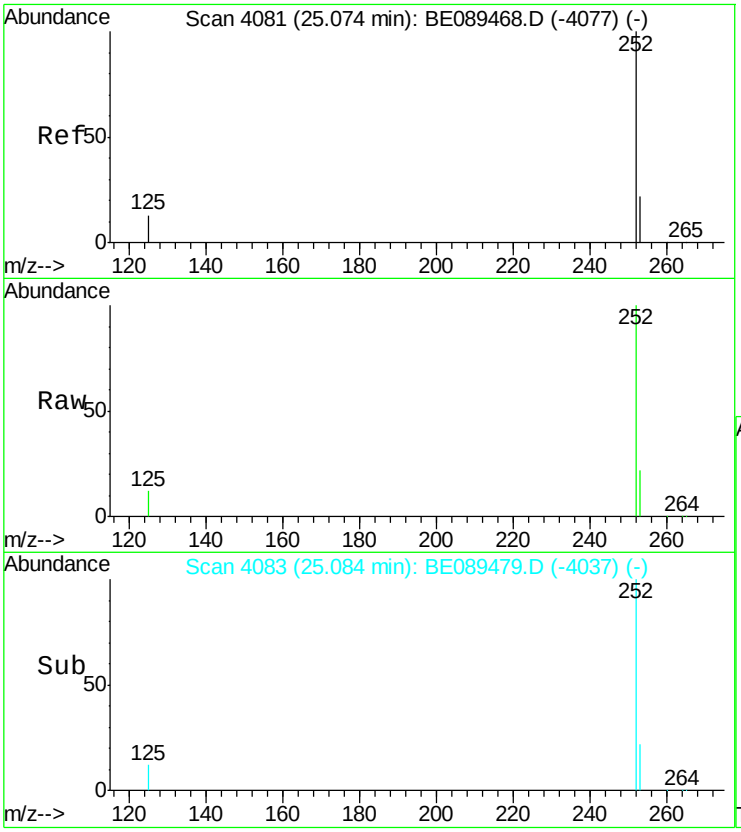


#28
Benzo(b)fluoranthene
Concen: 7.46 ng
RT: 25.05 min Scan# 4076
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:252 Resp: 826195

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	12.4	11.3	16.9



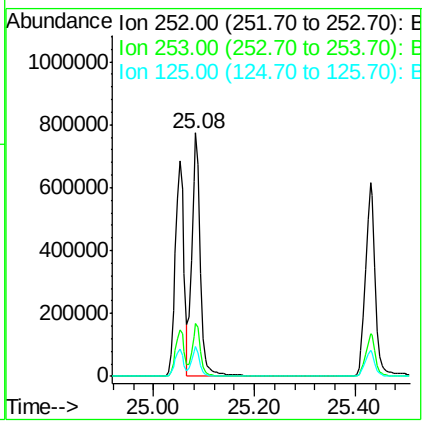


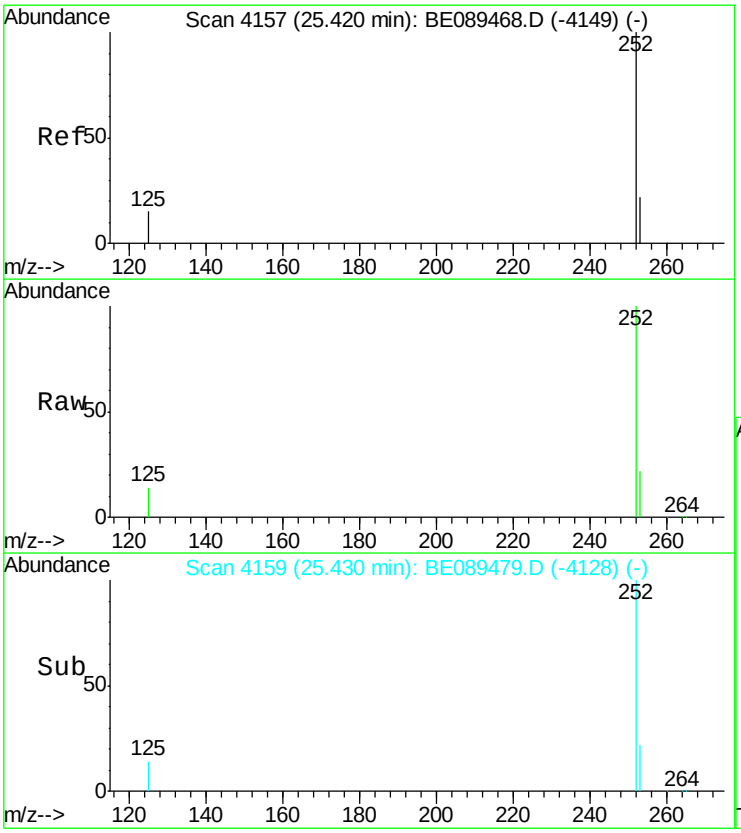
#29
Benzo(k)fluoranthene
Concen: 7.23 ng
RT: 25.08 min Scan# 4083
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:252 Resp: 908178

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.4	10.6	15.8

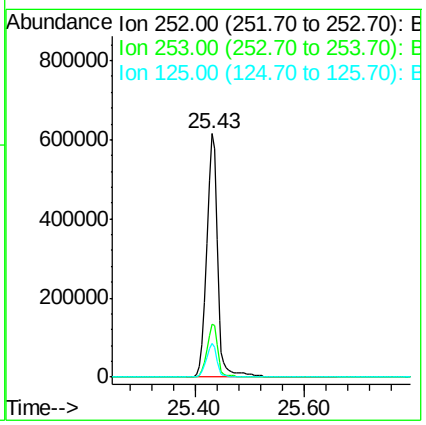


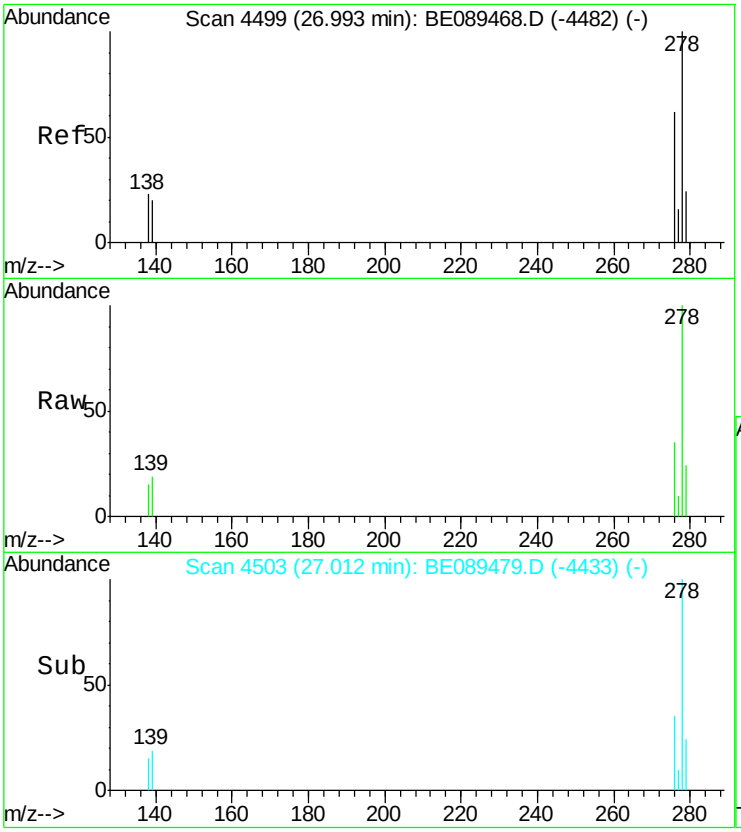


#30
Benzo(a)pyrene
Concen: 7.76 ng
RT: 25.43 min Scan# 4159
Delta R.T. 0.01 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Tgt Ion:252 Resp: 839855

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	13.7	12.2	18.4





#31
Dibenzo(a,h)anthracene
Concen: 7.76 ng
RT: 27.01 min Scan# 4503
Delta R.T. 0.02 min
Lab File: BE089479.D
Acq: 4 Feb 2015 00:46

Instrument :
BNA_E
ClientSampleId :
PB81408BS

Tgt Ion:278 Resp: 888913

Ion	Ratio	Lower	Upper
278	100		
139	18.8	16.8	25.2
279	23.8	19.4	29.0