Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089474.D
Acq On : 3 Feb 2015 21:32
Operator : TP/IZ
Sample : PB81502BL
Misc : 4 TIME INT STD
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB81559BL

Quant Time: Feb 04 01:12:58 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	382055	5.00	ng		0.00
7) Naphthalene-d8	12.43	136	1435373	5.00	ng		0.00
13) Acenaphthene-d10	16.61	164	605020	5.00	ng		0.00
17) Phenanthrene-d10	19.94	188	1091313	5.00	ng		0.00
20) Chrysene-d12	23.79	240	1016124	5.00	ng		0.00
27) Perylene-d12	25.50	264	980976	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.76	112	3113624	25.20	ng		0.04
4) Phenol-d6	8.87	99	3833545	24.72	ng		0.03
8) Nitrobenzene-d5	10.81	82	2373250	21.86	ng		0.02
14) 2,4,6-Tribromophenol	18.53	330	658231	24.83	ng		0.02
15) 2-Fluorobiphenyl	15.08	172	3022830	18.96	ng		0.01
22) Terphenyl-d14	22.45	244	2867672	19.91	ng		0.02
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.57	42	39	0.09	ng	#	1
5) Phenol	8.87	94	1047	0.01	ng	#	1
6) bis(2-Chloroethyl)ether	9.04	93	4529	0.04	ng	#	1
9) Nitrobenzene	10.81	77	8241	0.07	ng	#	39
10) 2,4-Dimethylphenol	11.77	122	155	0.00	ng		87
11) 2,4-Dichlorophenol	12.15	162	99	0.00	ng	#	1
12) Hexachlorobutadiene	12.80	225	70	0.00	ng	#	85
16) 2,4-Dinitrophenol	16.83	184	5	0.40	ng	#	61
18) Hexachlorobenzene	19.17	284	109	0.00	ng	#	25
19) Pentachlorophenol	19.60	266	61	0.35	ng	#	66
21) Benzidine	22.10	184	23	0.09	ng	#	1
23) Benzo(a)anthracene	23.79	228	13565	0.02	ng	#	69
24) 3,3'-Dichlorobenzidine	23.76	252	57	0.12	ng	#	14
25) Chrysene	23.79	228	13565	0.01	ng	#	68
26) Indeno(1,2,3-cd)pyrene	26.97	276	295	0.14	ng	#	70
28) Benzo(b)fluoranthene	25.04	252	375	0.18	ng	#	31
29) Benzo(k)fluoranthene	25.07	252	495	0.00	ng	#	28
30) Benzo(a)pyrene	25.42	252	361	0.17	ng	#	16
31) Dibenzo(a,h)anthracene	26.99	278	150	0.15	ng	#	1

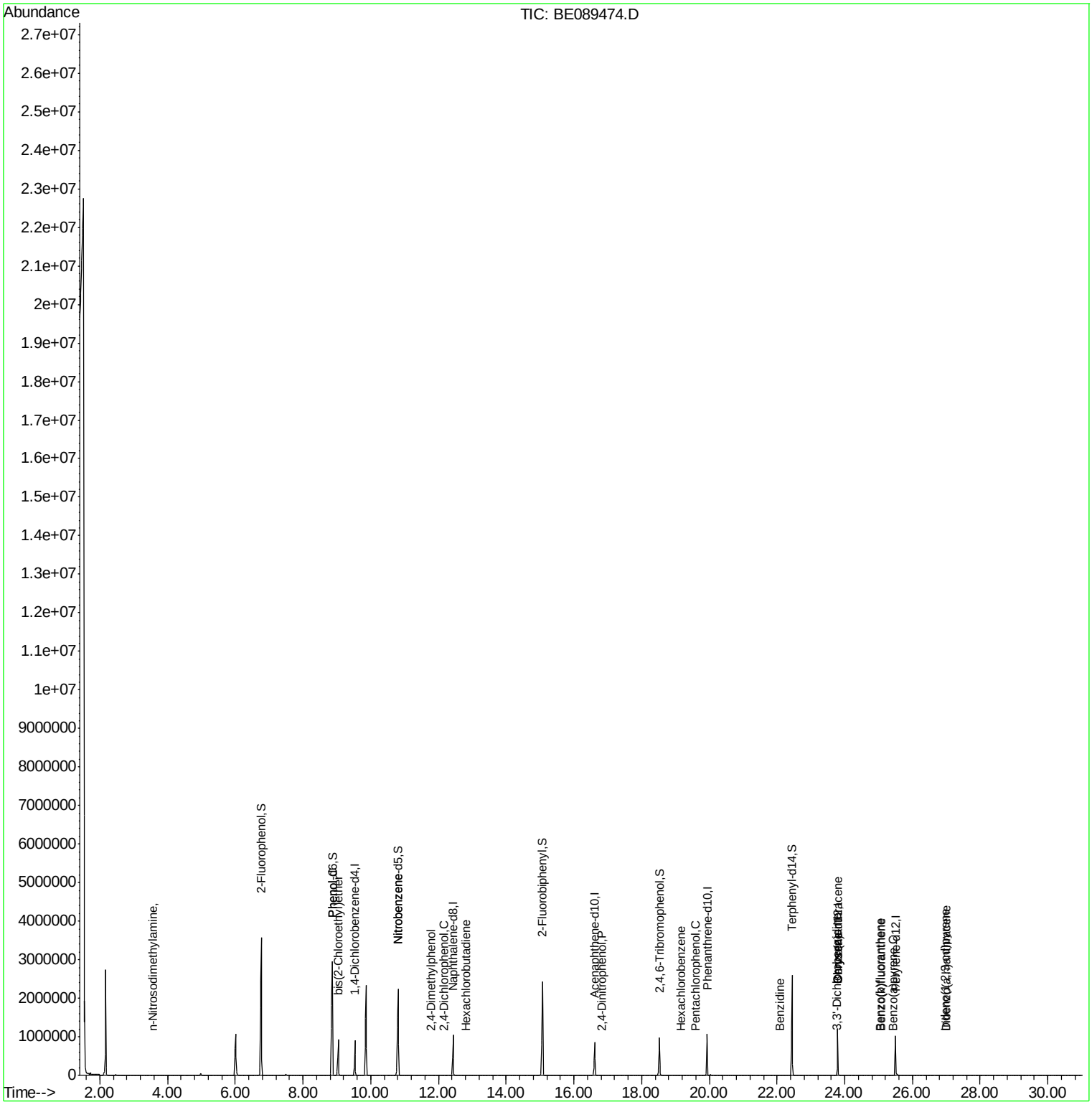
(#) = qualifier out of range (m) = manual integration (+) = signals summed

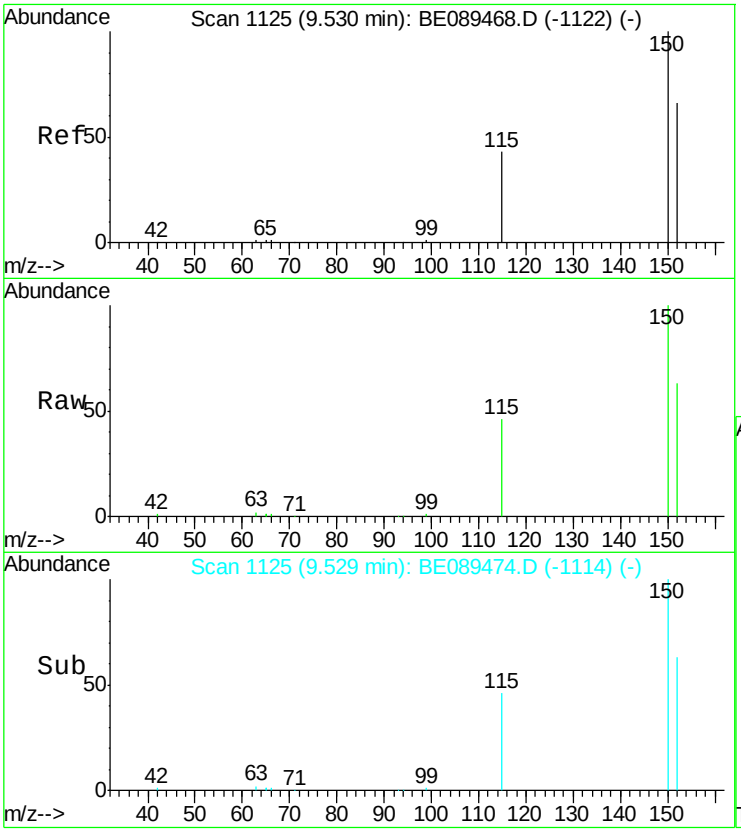
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020315\
Data File : BE089474.D
Acq On : 3 Feb 2015 21:32
Operator : TP/IZ
Sample : PB81502BL
Misc : 4 TIME INT STD
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Quant Time: Feb 04 01:12:58 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



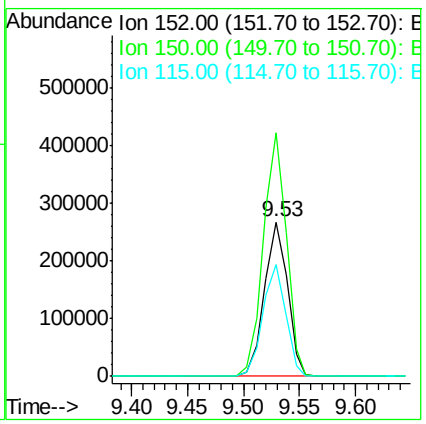


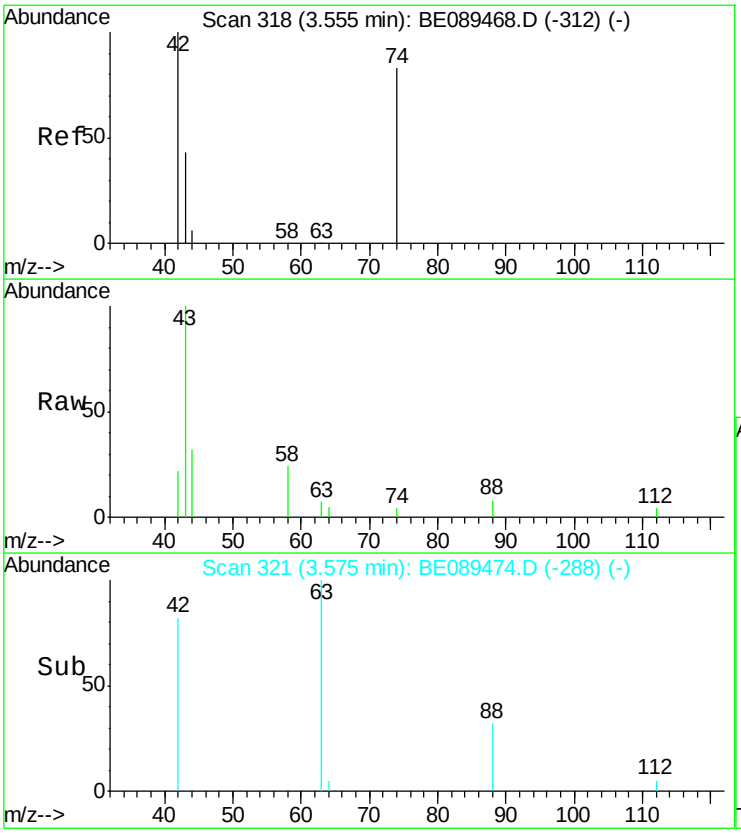
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.53 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:152 Resp: 382055

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.1	183.1
115	72.2	53.2	79.8

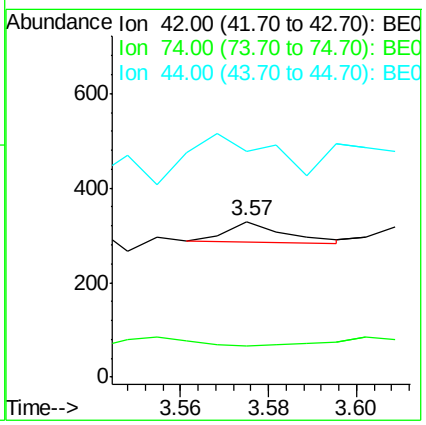


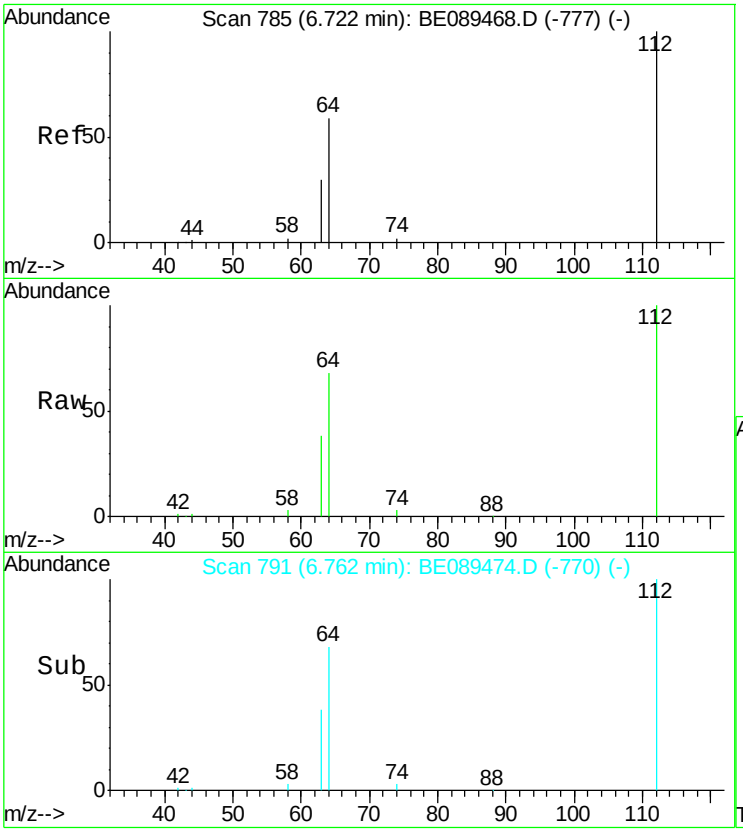


#2
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.57 min Scan# 321
Delta R.T. 0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion: 42 Resp: 39

Ion	Ratio	Lower	Upper
42	100		
74	19.8	65.4	98.2#
44	145.0	11.7	17.5#



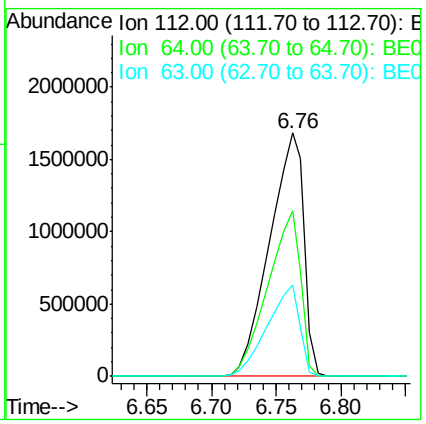


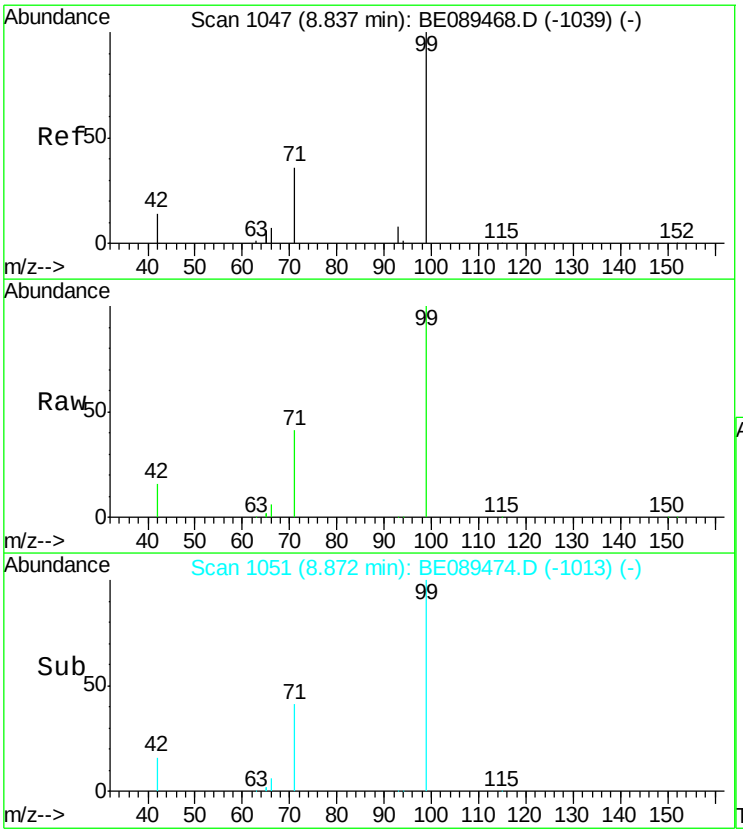
#3
2-Fluorophenol
Concen: 25.20 ng
RT: 6.76 min Scan# 791
Delta R.T. 0.04 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:112 Resp: 3113624

Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.0	70.6
63	37.5	24.2	36.2#

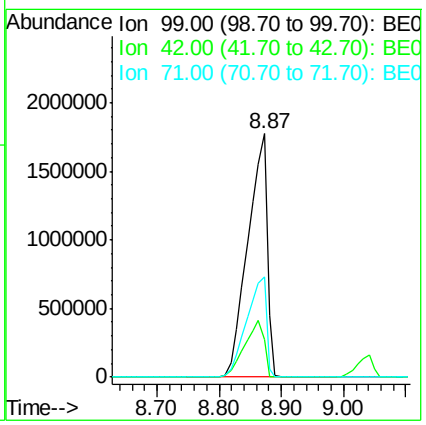


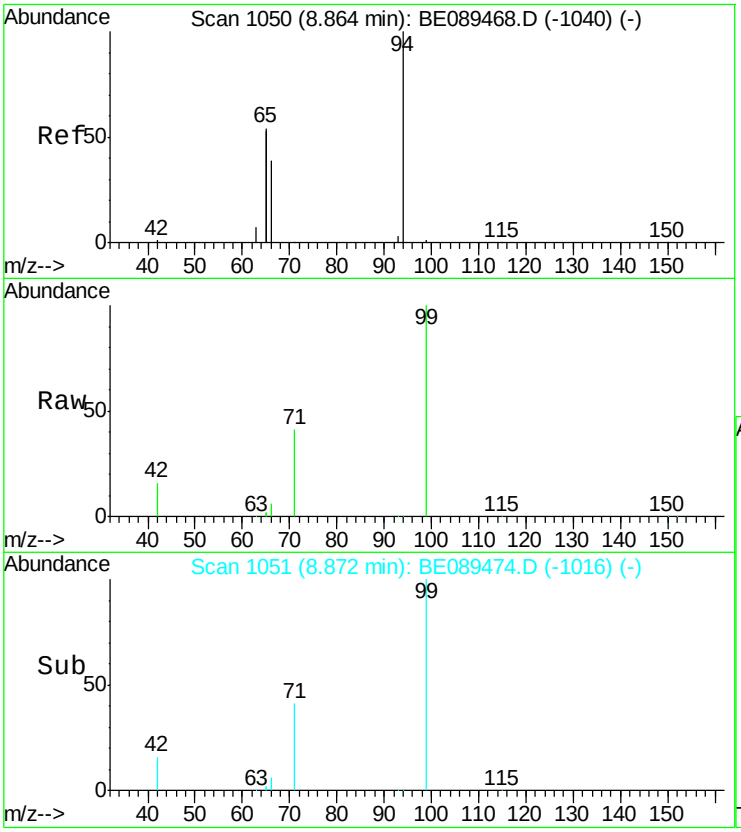


#4
Phenol-d6
Concen: 24.72 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.03 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion: 99 Resp: 3833545

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.6
71	41.3	28.7	43.1



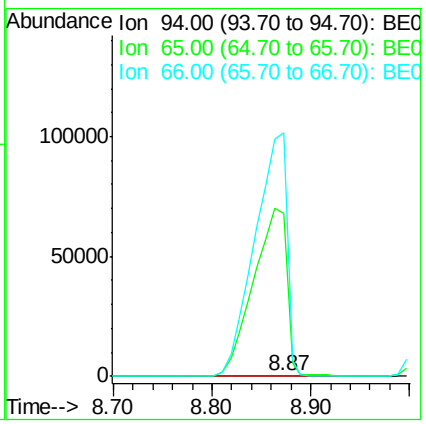


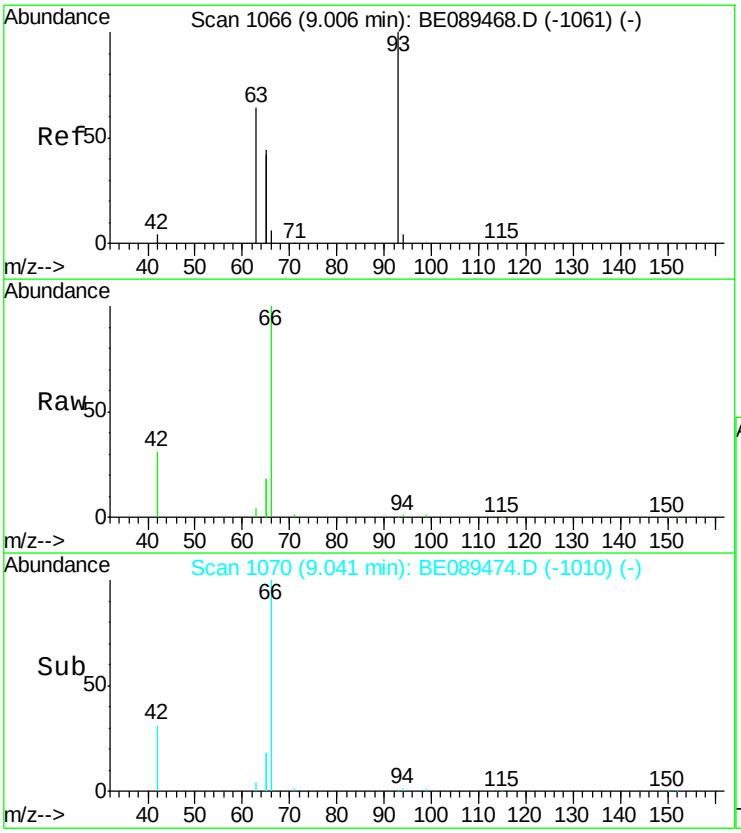
#5
Phenol
Concen: 0.01 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion: 94 Resp: 1047

Ion	Ratio	Lower	Upper
94	100		
65	17193.9	33.9	73.9#
66	25776.6	19.1	59.1#

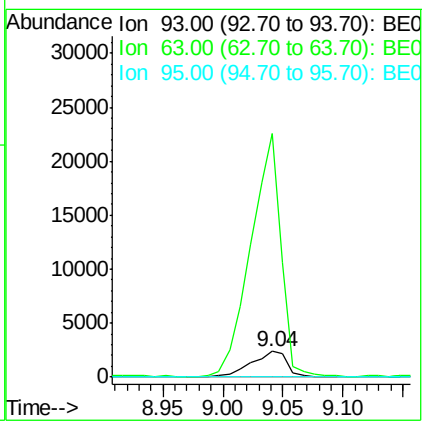


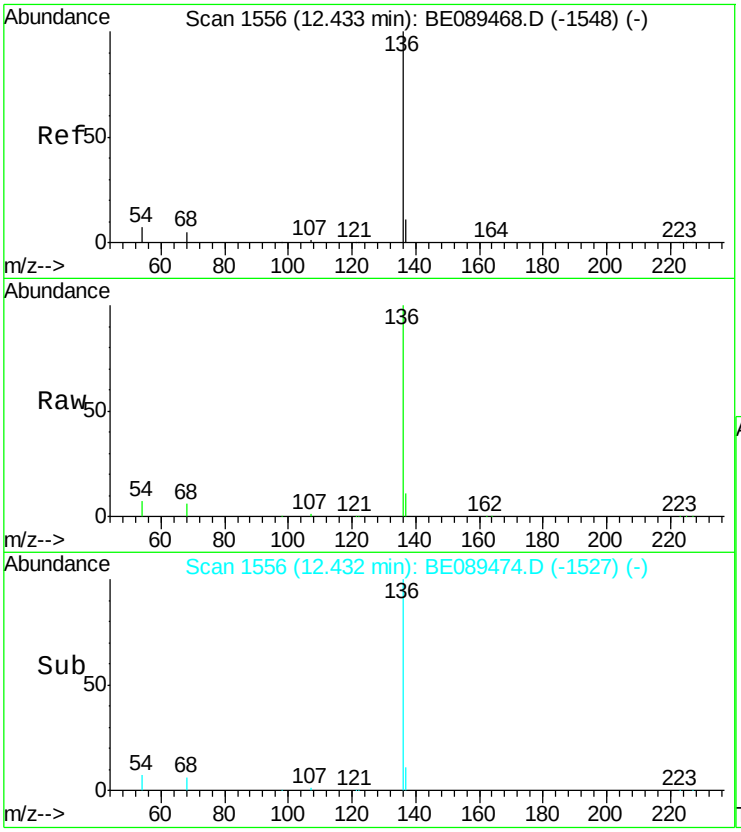


#6
bis(2-Chloroethyl)ether
Concen: 0.04 ng
RT: 9.04 min Scan# 1070
Delta R.T. 0.03 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion: 93 Resp: 4529

Ion	Ratio	Lower	Upper
93	100		
63	871.8	57.0	85.6#
95	0.0	0.0	0.0



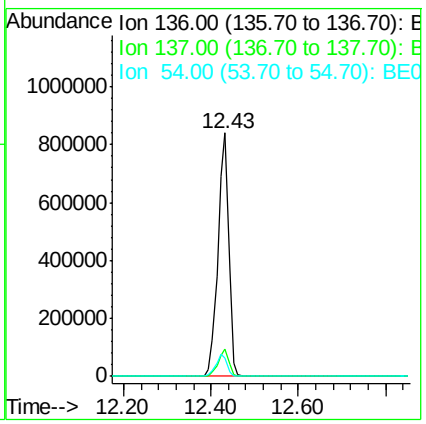


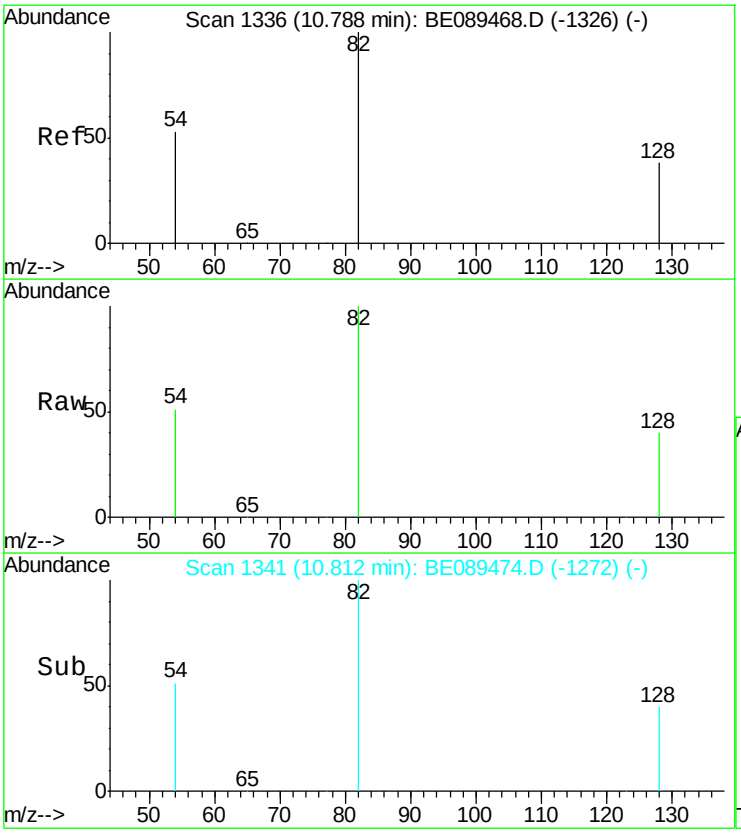
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.43 min Scan# 1556
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:136 Resp: 1435373

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	5.4	8.0

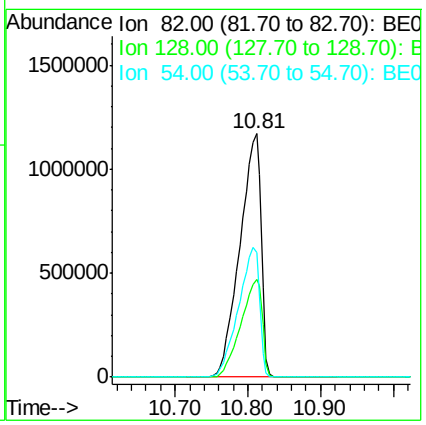


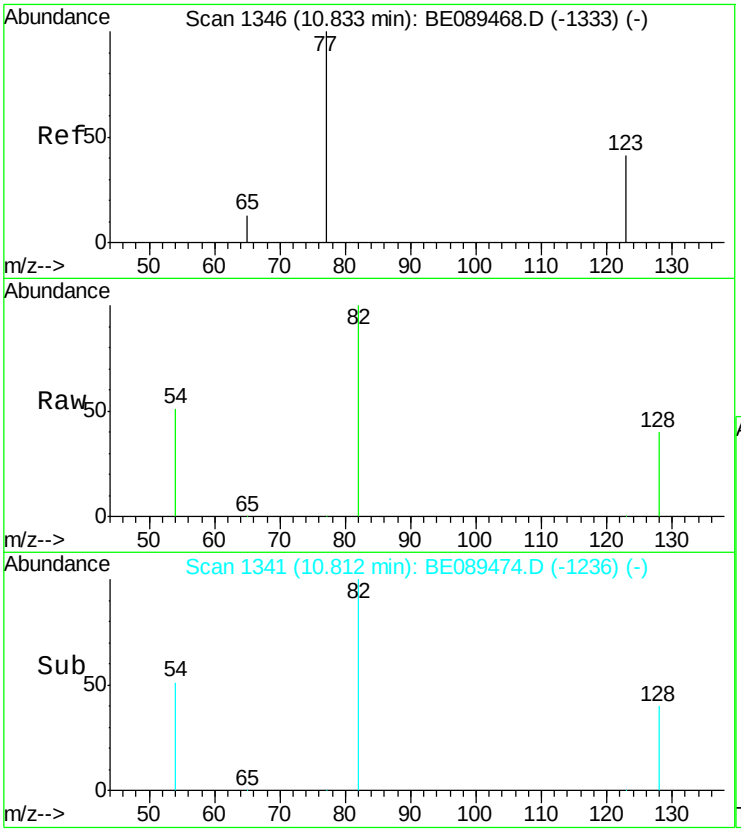


#8
Nitrobenzene-d5
Concen: 21.86 ng
RT: 10.81 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion: 82 Resp: 2373250

Ion	Ratio	Lower	Upper
82	100		
128	40.2	30.3	45.5
54	51.4	43.1	64.7



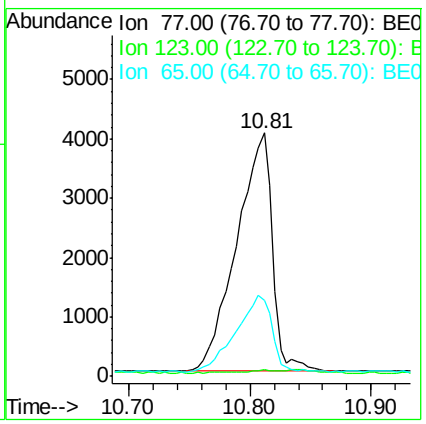


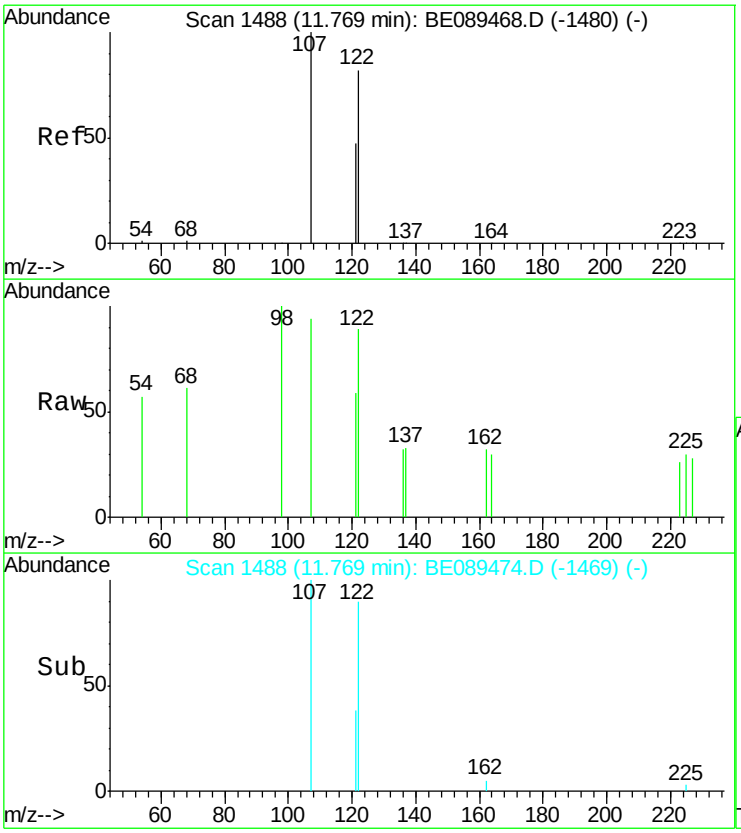
#9
Nitrobenzene
Concen: 0.07 ng
RT: 10.81 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion: 77 Resp: 8241

Ion	Ratio	Lower	Upper
77	100		
123	0.4	33.4	50.0#
65	32.8	10.9	16.3#

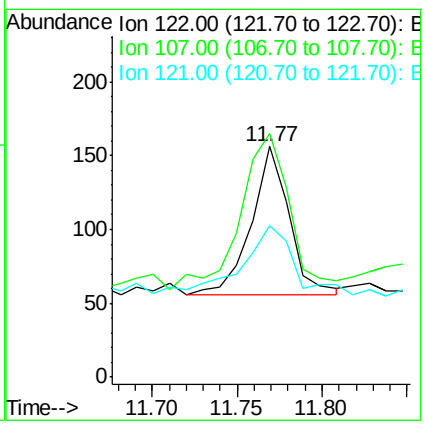


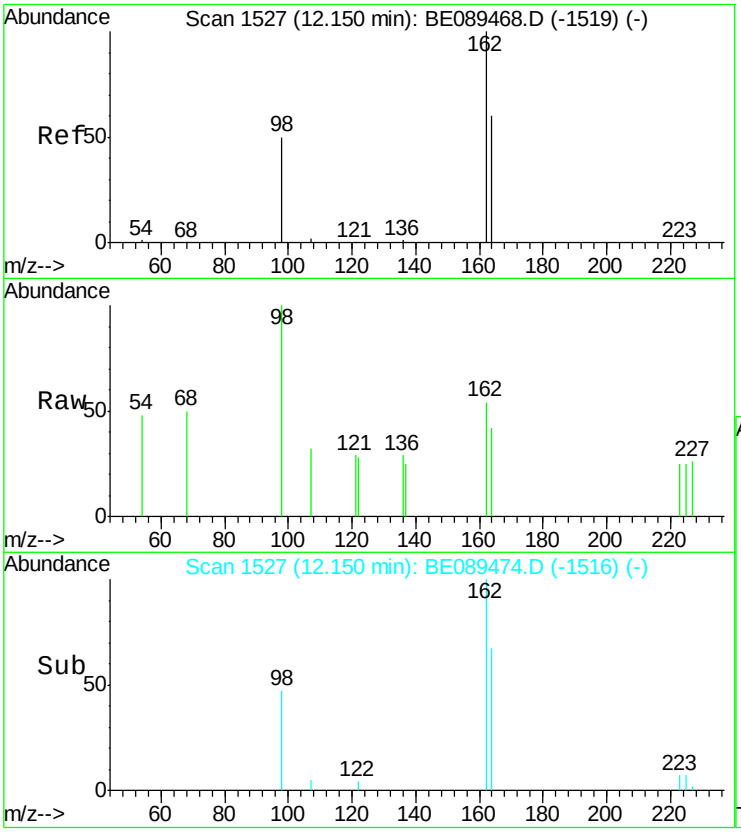


#10
2,4-Dimethylphenol
Concen: 0.00 ng
RT: 11.77 min Scan# 1488
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:122 Resp: 155

Ion	Ratio	Lower	Upper
122	100		
107	105.8	97.3	145.9
121	66.0	46.4	69.6



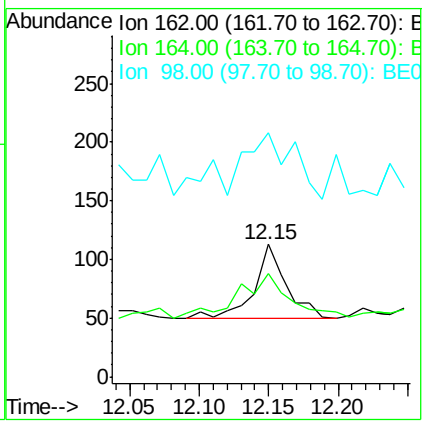


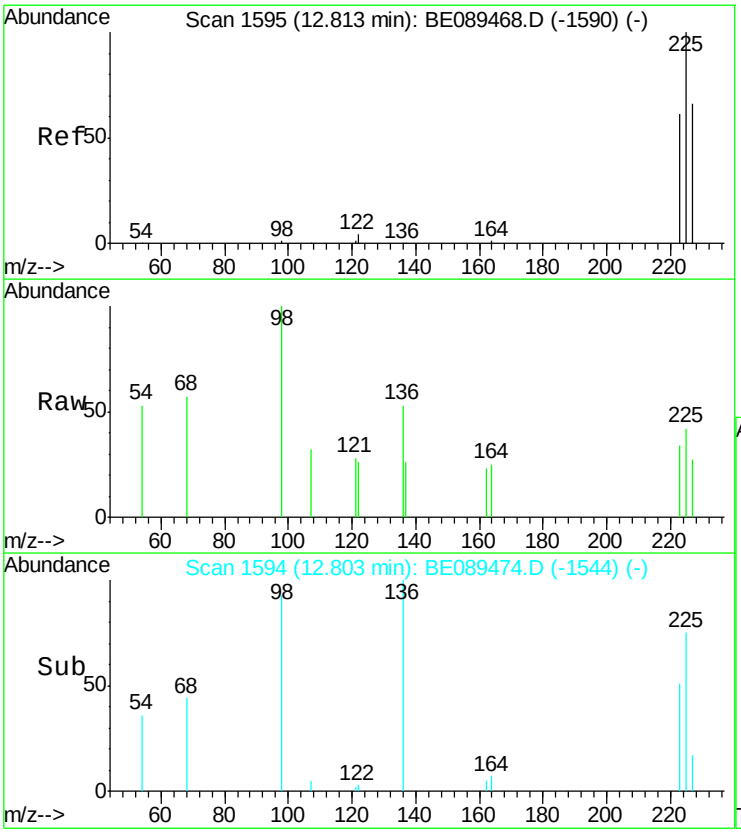
#11
2,4-Dichlorophenol
Concen: 0.00 ng
RT: 12.15 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:162 Resp: 99

Ion	Ratio	Lower	Upper
162	100		
164	77.9	39.9	79.9
98	184.1	31.3	71.3#

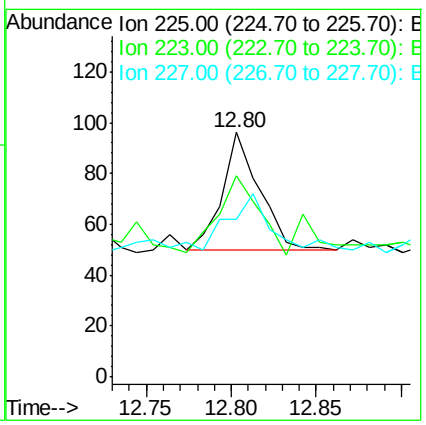


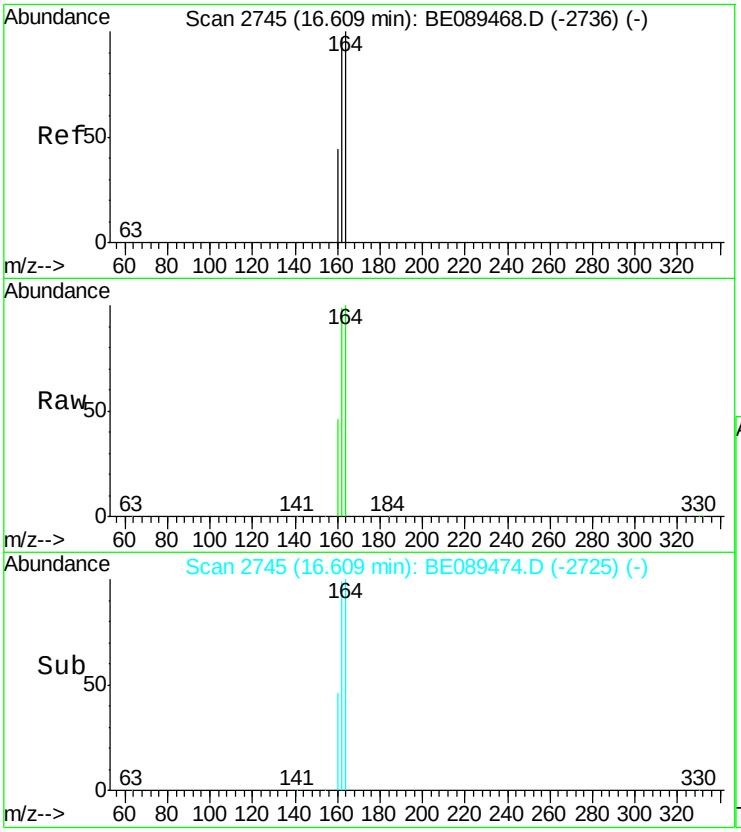


#12
Hexachlorobutadiene
Concen: 0.00 ng
RT: 12.80 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:225 Resp: 70

Ion	Ratio	Lower	Upper
225	100		
223	74.3	49.4	74.0#
227	52.9	51.2	76.8



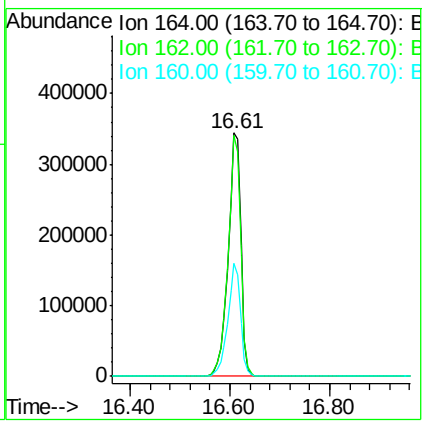


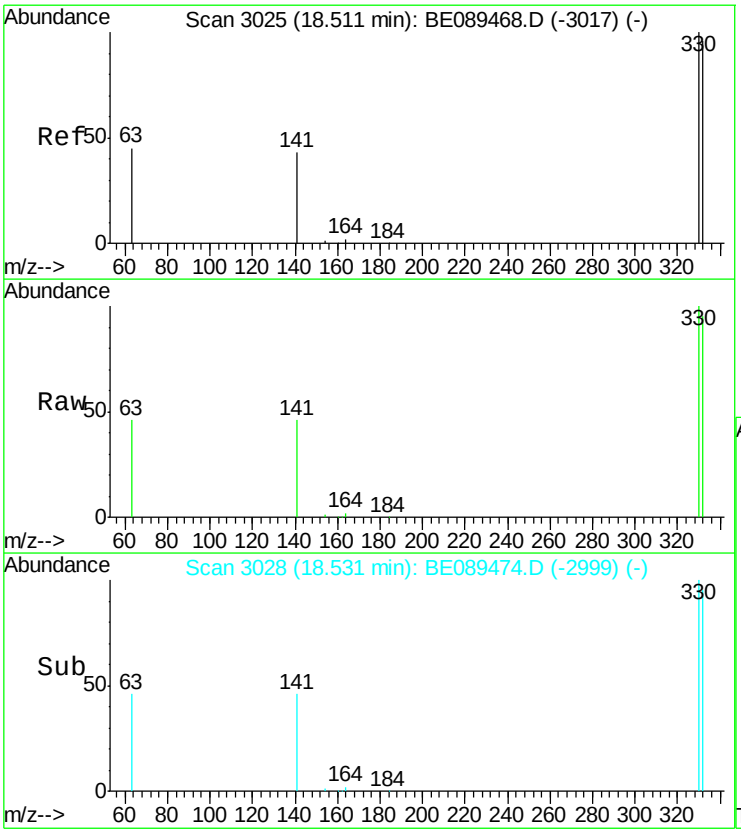
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.61 min Scan# 2745
Delta R.T. 0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:164 Resp: 605020

Ion	Ratio	Lower	Upper
164	100		
162	98.9	77.6	116.4
160	46.3	35.6	53.4

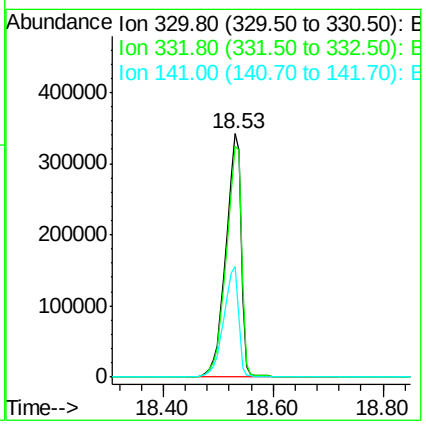


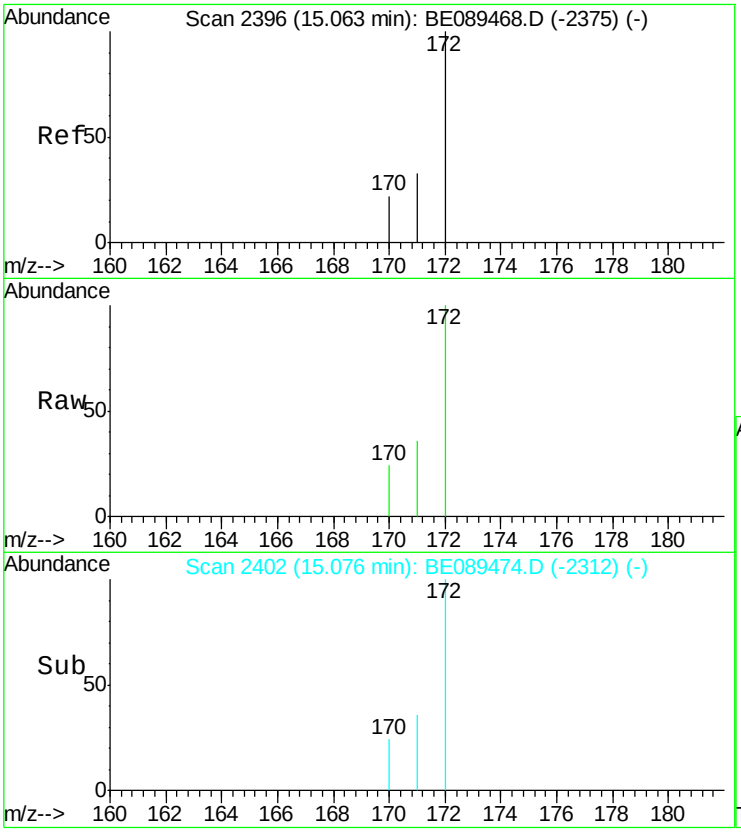


#14
2,4,6-Tribromophenol
Concen: 24.83 ng
RT: 18.53 min Scan# 3028
Delta R.T. 0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:330 Resp: 658231

Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.0	117.0
141	44.7	33.8	50.6



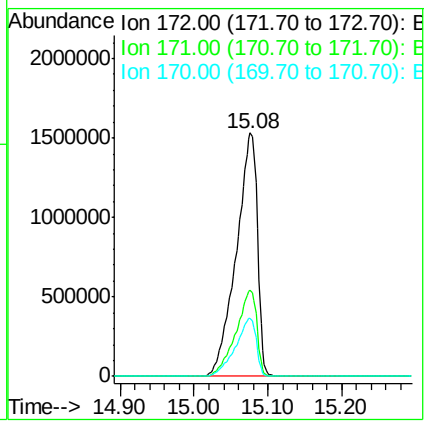


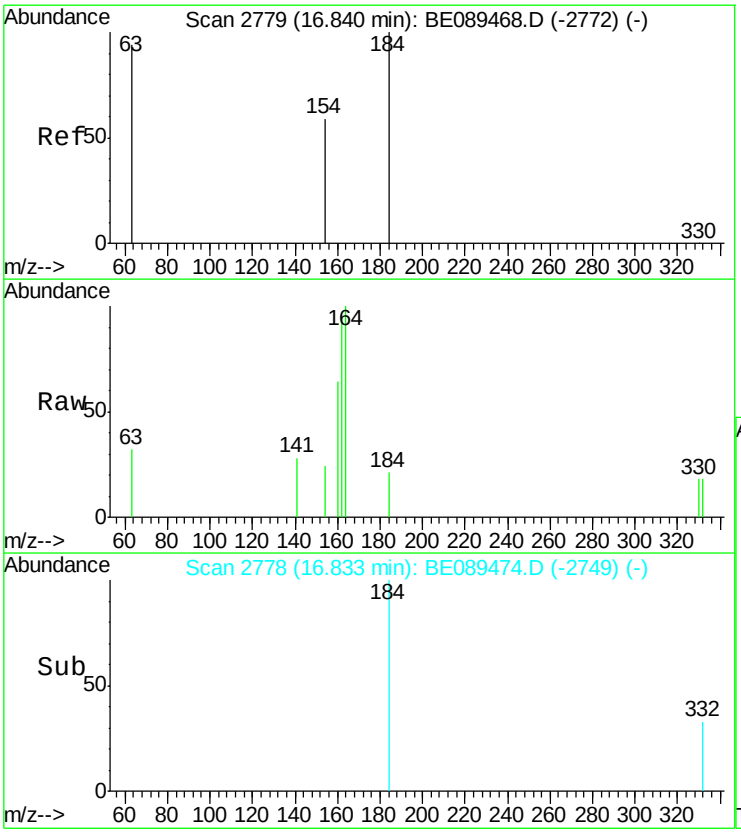
#15
2-Fluorobiphenyl
Concen: 18.96 ng
RT: 15.08 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:172 Resp: 3022830

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.8	40.2
170	23.8	17.7	26.5

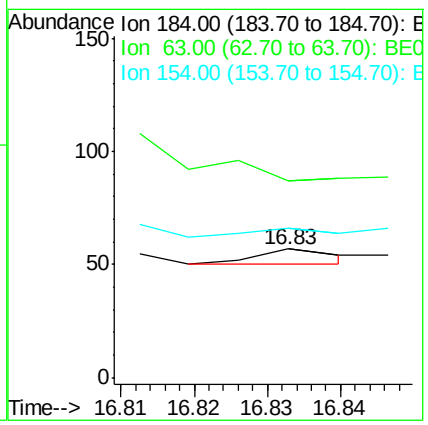


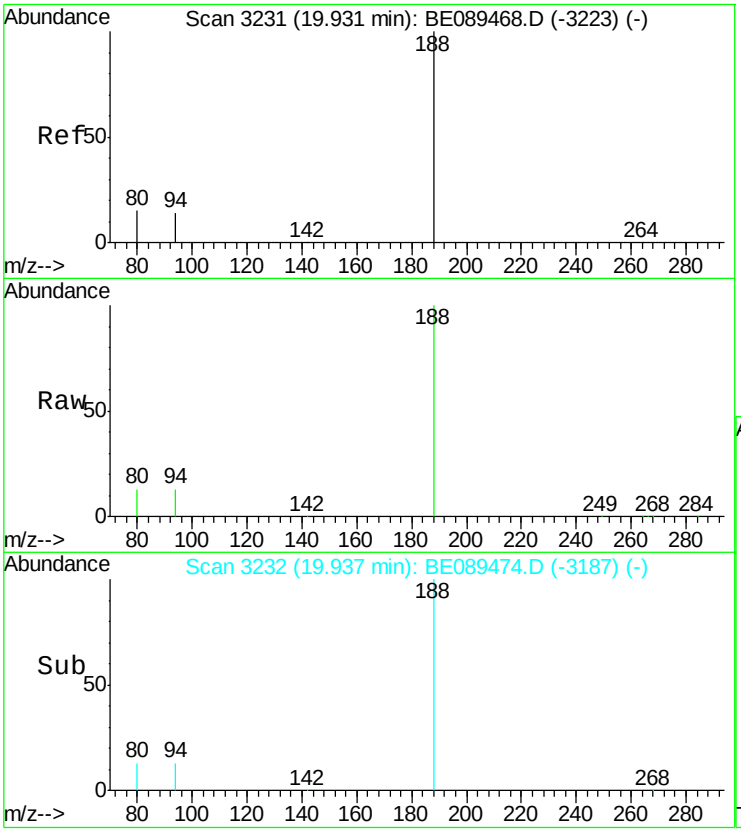


#16
2,4-Dinitrophenol
Concen: 0.40 ng
RT: 16.83 min Scan# 2778
Delta R.T. -0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:184 Resp: 5

Ion	Ratio	Lower	Upper
184	100		
63	152.6	92.1	138.1#
154	115.8	61.4	92.2#



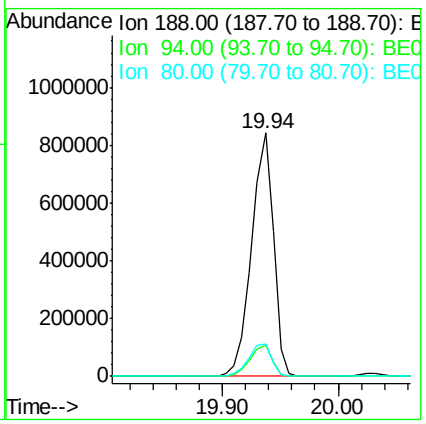


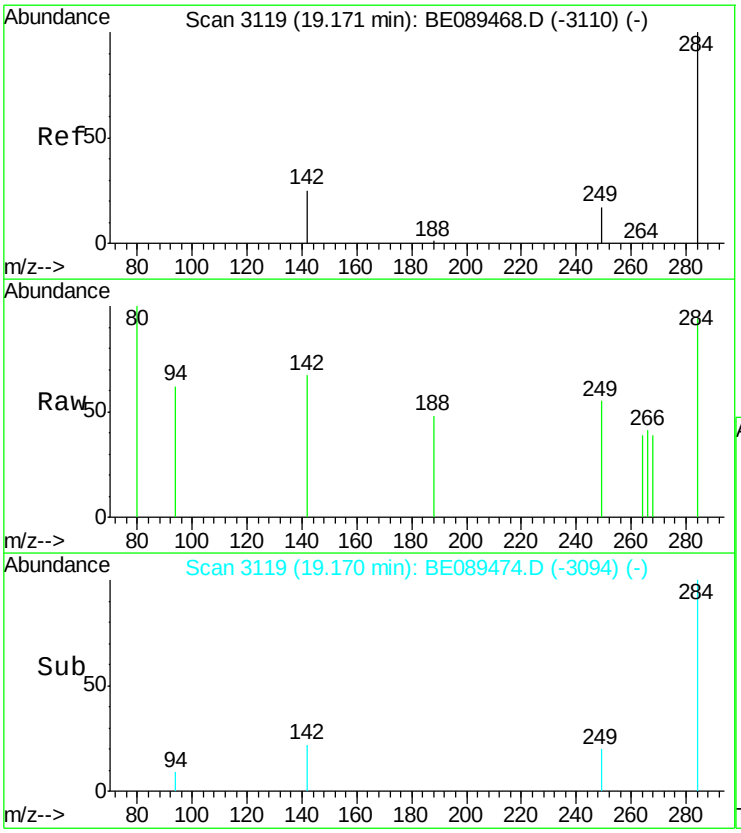
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.94 min Scan# 3232
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:188 Resp: 1091313

Ion	Ratio	Lower	Upper
188	100		
94	12.7	11.1	16.7
80	13.5	11.8	17.6

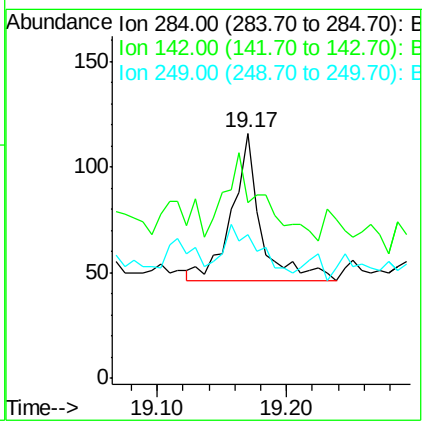


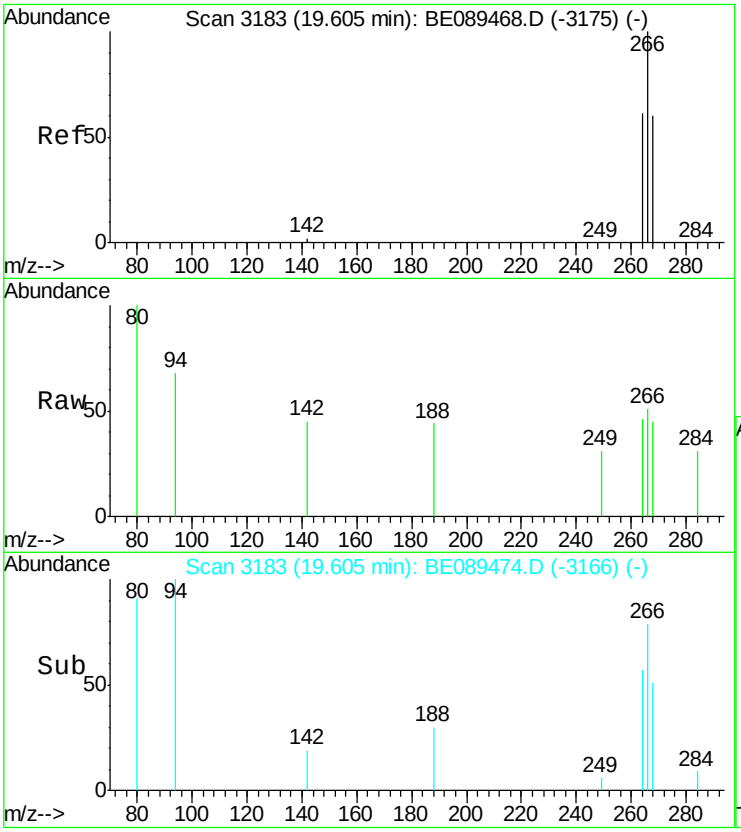


#18
Hexachlorobenzene
Concen: 0.00 ng
RT: 19.17 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:284 Resp: 109

Ion	Ratio	Lower	Upper
284	100		
142	71.6	24.4	36.6#
249	58.6	18.2	27.2#



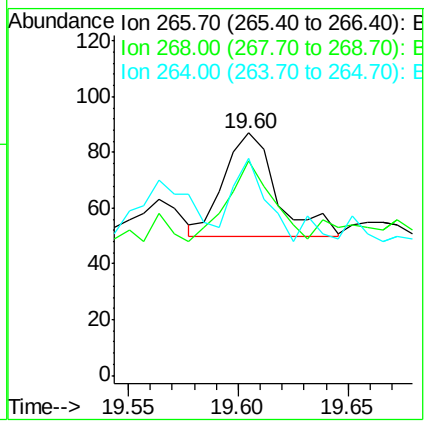


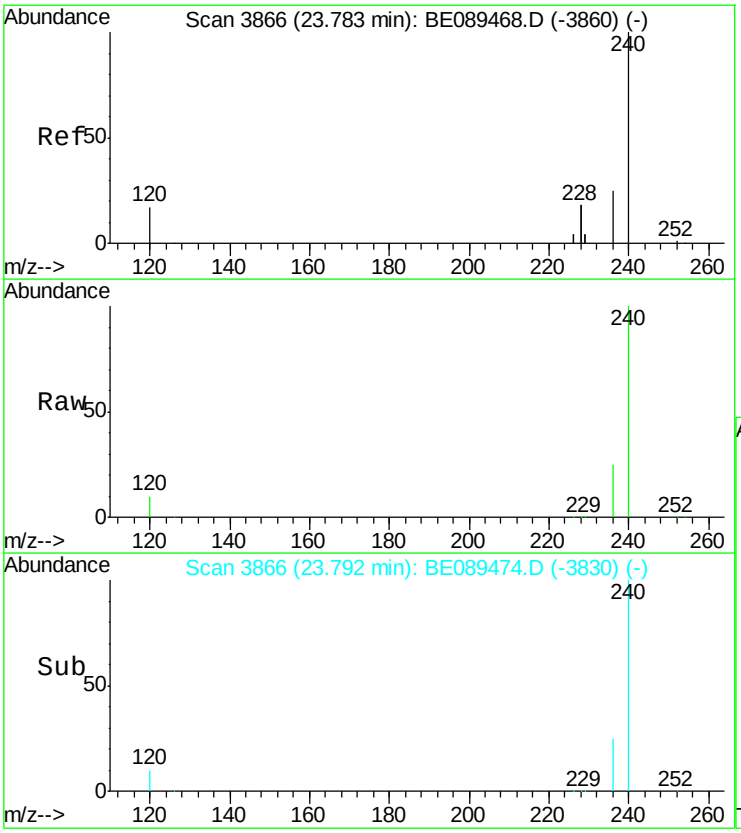
#19
Pentachlorophenol
Concen: 0.35 ng
RT: 19.60 min Scan# 3183
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:266 Resp: 61

Ion	Ratio	Lower	Upper
266	100		
268	88.5	50.0	75.0#
264	89.7	50.6	75.8#

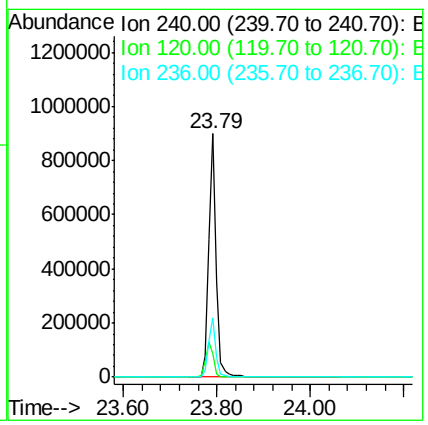


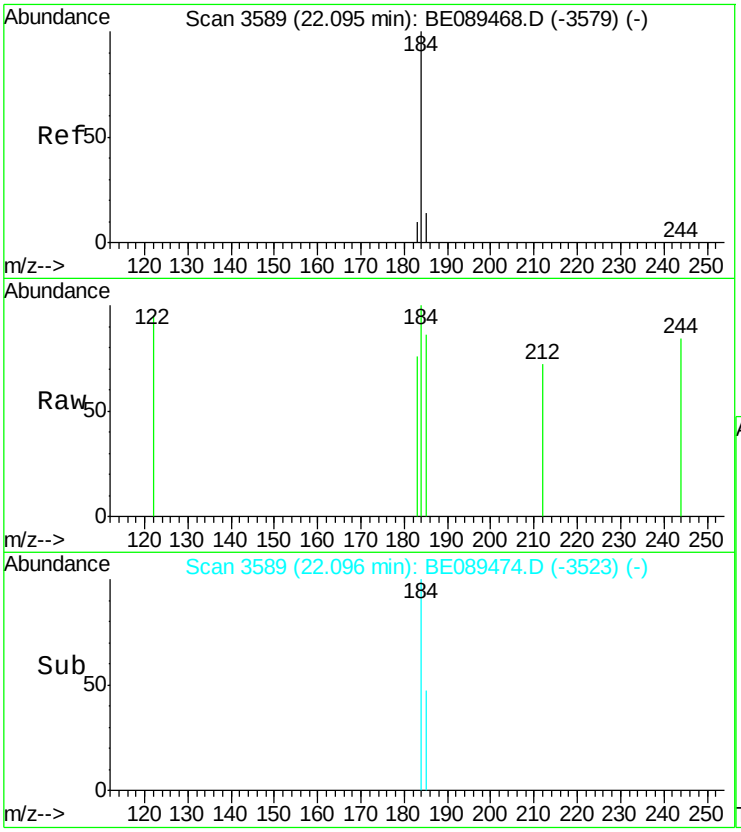


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:240 Resp: 1016124

Ion	Ratio	Lower	Upper
240	100		
120	9.6	13.8	20.6#
236	24.6	20.2	30.2



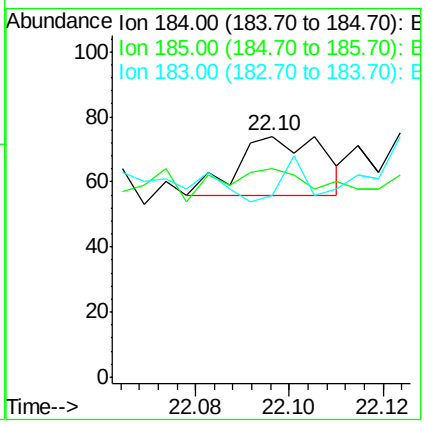


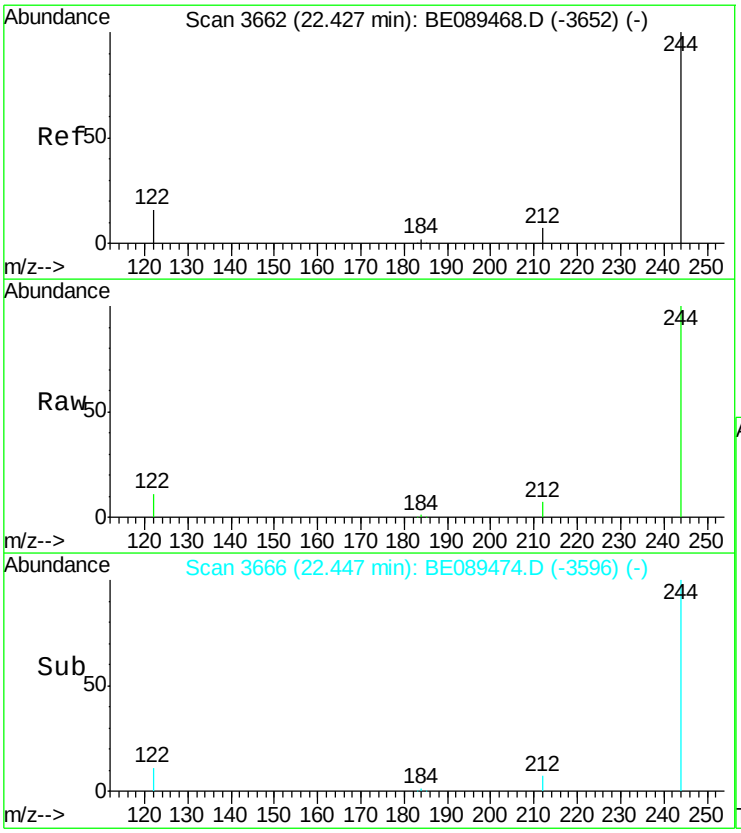
#21
Benzidine
Concen: 0.09 ng
RT: 22.10 min Scan# 3589
Delta R.T. 0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:184 Resp: 23

Ion	Ratio	Lower	Upper
184	100		
185	86.5	12.0	18.0#
183	75.7	9.0	13.4#

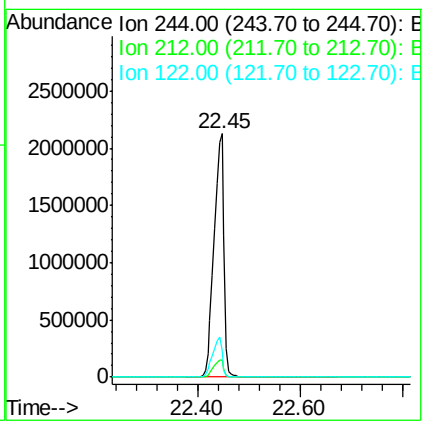


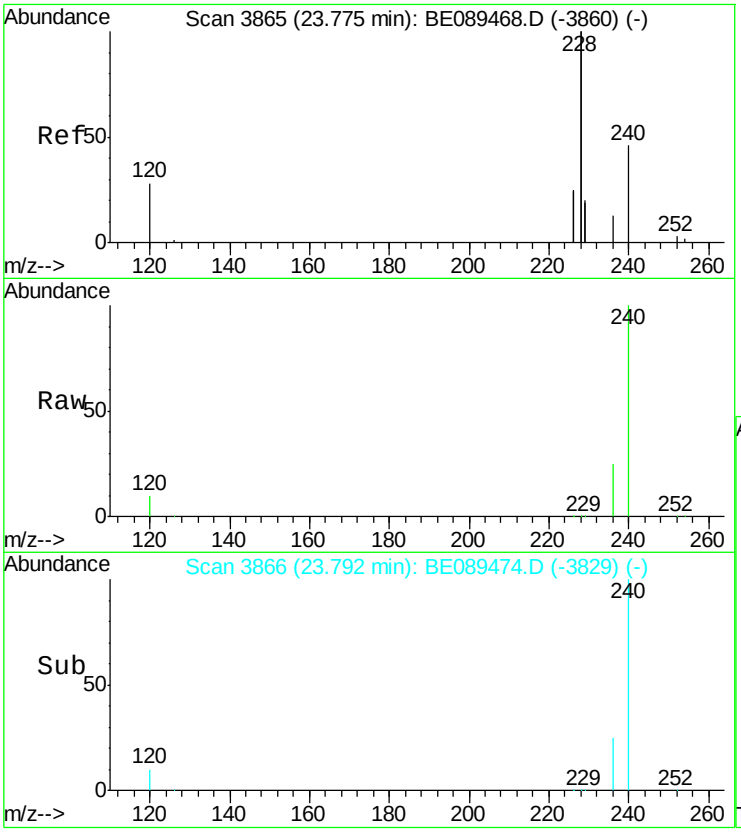


#22
Terphenyl-d14
Concen: 19.91 ng
RT: 22.45 min Scan# 3666
Delta R.T. 0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:244 Resp: 2867672

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.5	8.3
122	10.8	12.6	19.0#



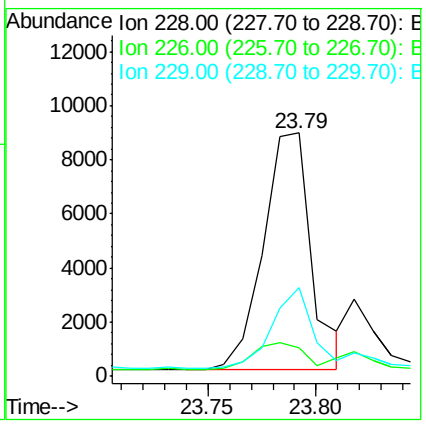


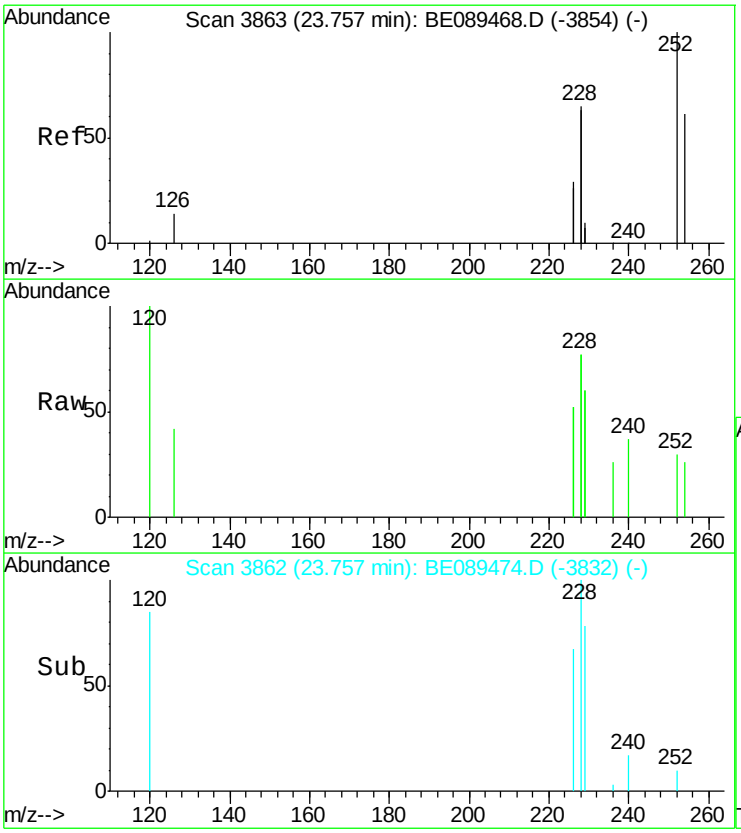
#23
Benzo(a)anthracene
Concen: 0.02 ng
RT: 23.79 min Scan# 3866
Delta R.T. 0.02 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:228 Resp: 13565

Ion	Ratio	Lower	Upper
228	100		
226	11.7	19.6	29.4#
229	36.7	15.9	23.9#

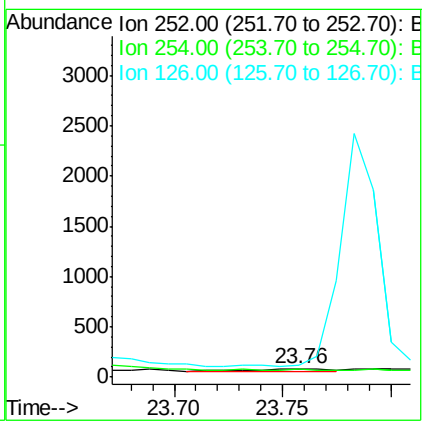


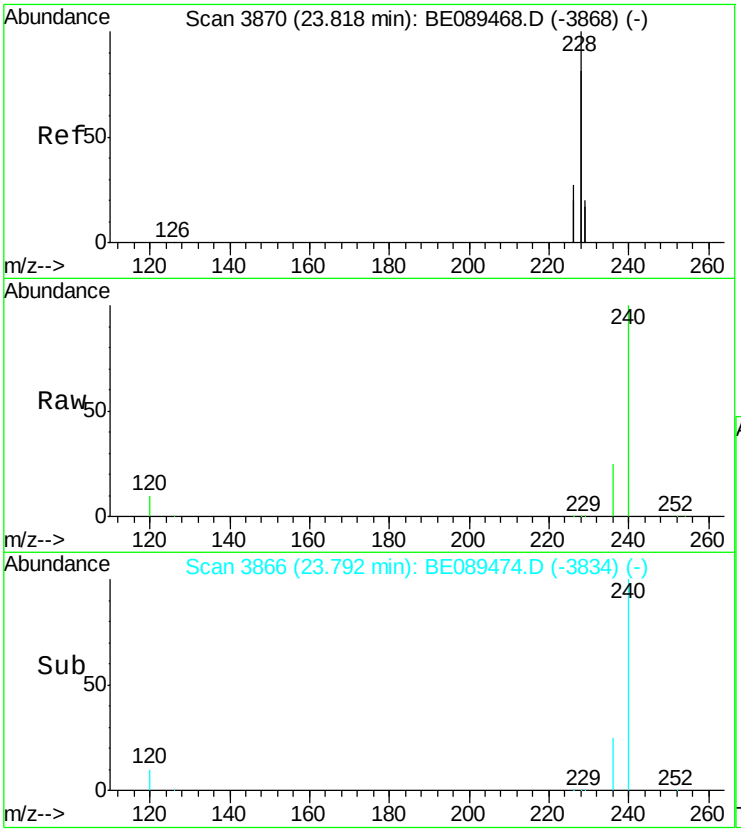


#24
3,3'-Dichlorobenzidine
Concen: 0.12 ng
RT: 23.76 min Scan# 3862
Delta R.T. 0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:252 Resp: 57

Ion	Ratio	Lower	Upper
252	100		
254	86.0	48.6	73.0#
126	138.4	12.4	18.6#



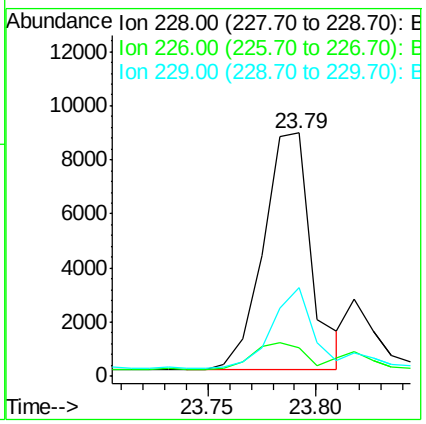


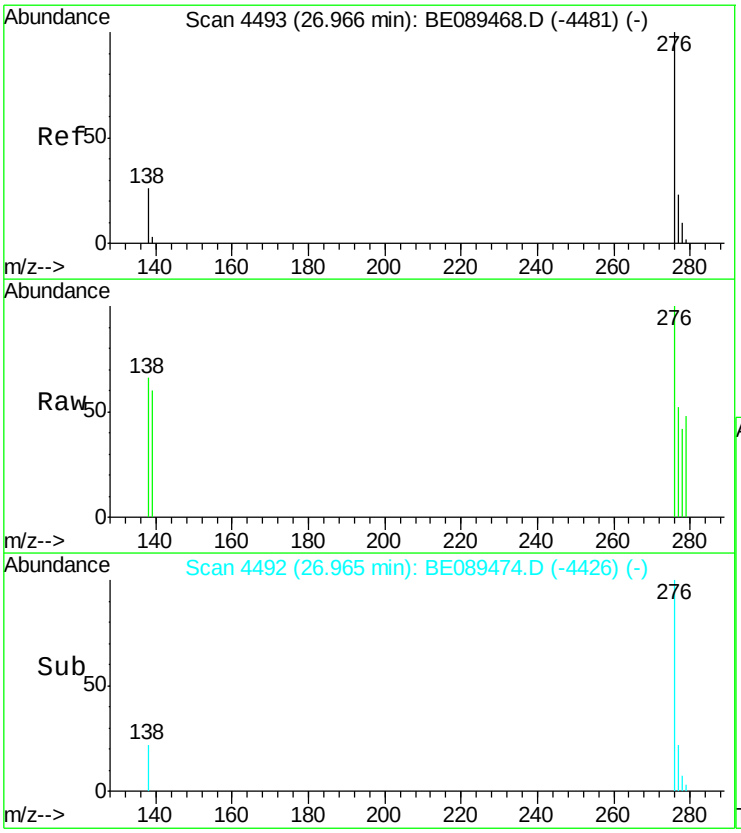
#25
Chrysene
Concen: 0.01 ng
RT: 23.79 min Scan# 3866
Delta R.T. -0.03 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:228 Resp: 13565

Ion	Ratio	Lower	Upper
228	100		
226	11.7	21.8	32.8#
229	36.7	16.2	24.2#

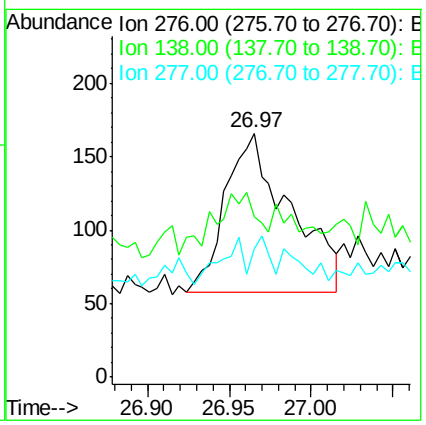


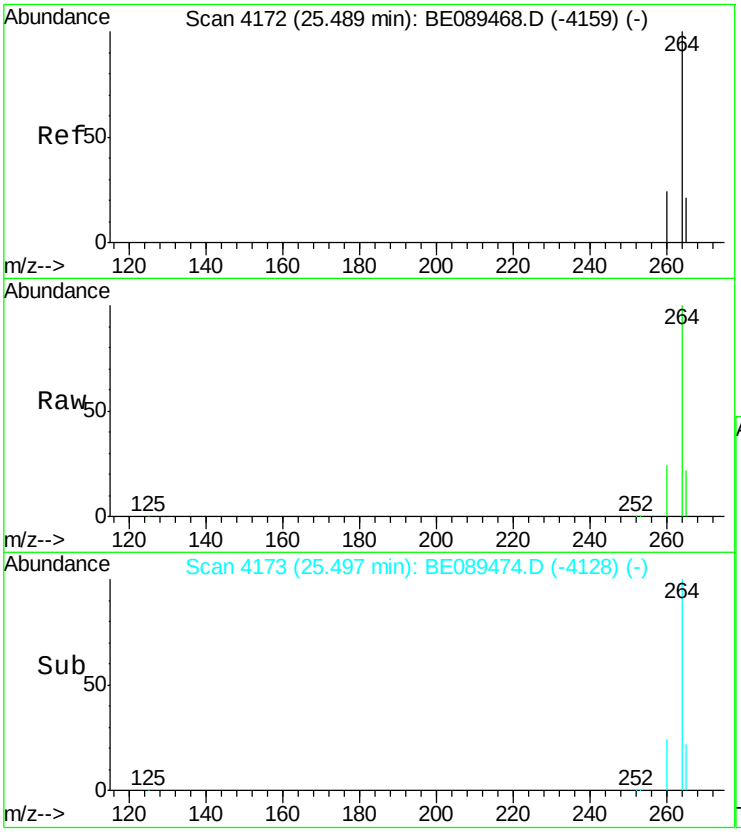


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.14 ng
RT: 26.97 min Scan# 4492
Delta R.T. 0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:276 Resp: 295

Ion	Ratio	Lower	Upper
276	100		
138	17.6	24.2	36.4#
277	5.8	19.9	29.9#



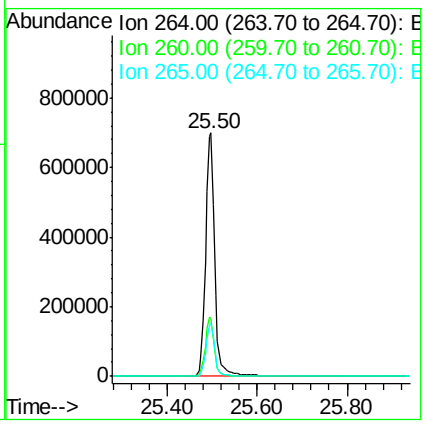


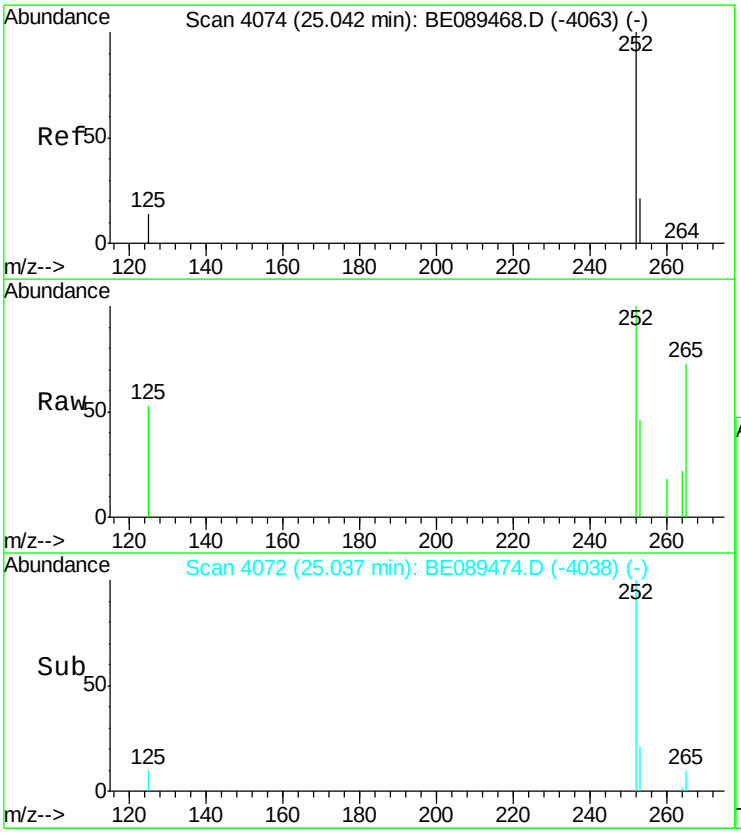
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.50 min Scan# 4173
Delta R.T. 0.01 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:264 Resp: 980976

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	21.9	17.0	25.6

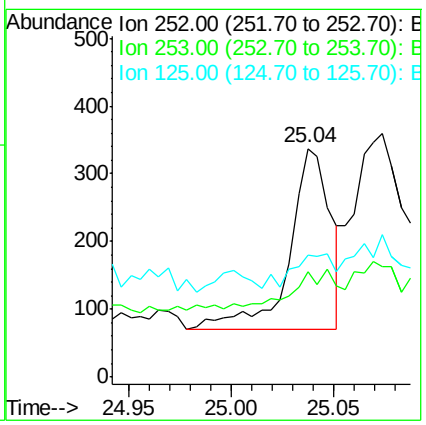


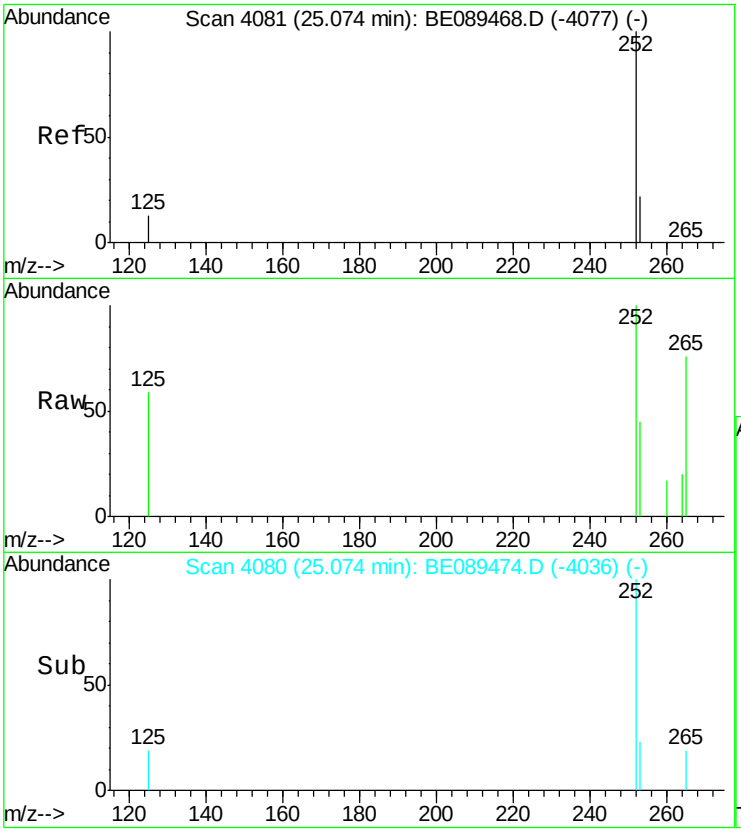


#28
Benzo(b)fluoranthene
Concen: 0.18 ng
RT: 25.04 min Scan# 4072
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:252 Resp: 375

Ion	Ratio	Lower	Upper
252	100		
253	46.3	17.4	26.2#
125	53.1	11.3	16.9#



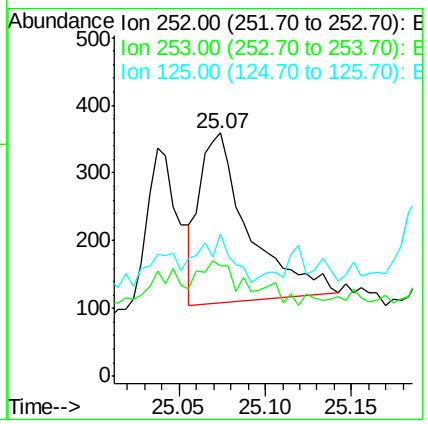


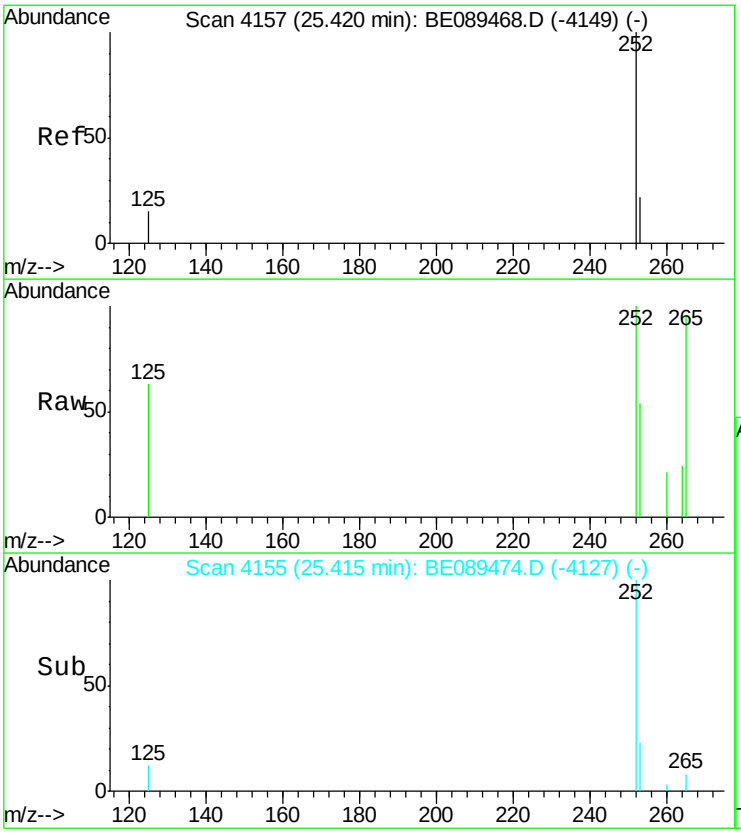
#29
Benzo(k)fluoranthene
Concen: 0.00 ng
RT: 25.07 min Scan# 4080
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:252 Resp: 495

Ion	Ratio	Lower	Upper
252	100		
253	45.4	17.9	26.9#
125	58.8	10.6	15.8#

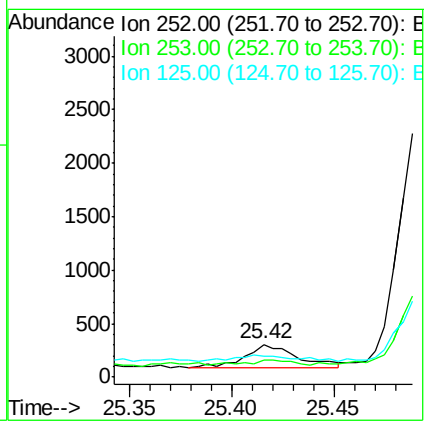


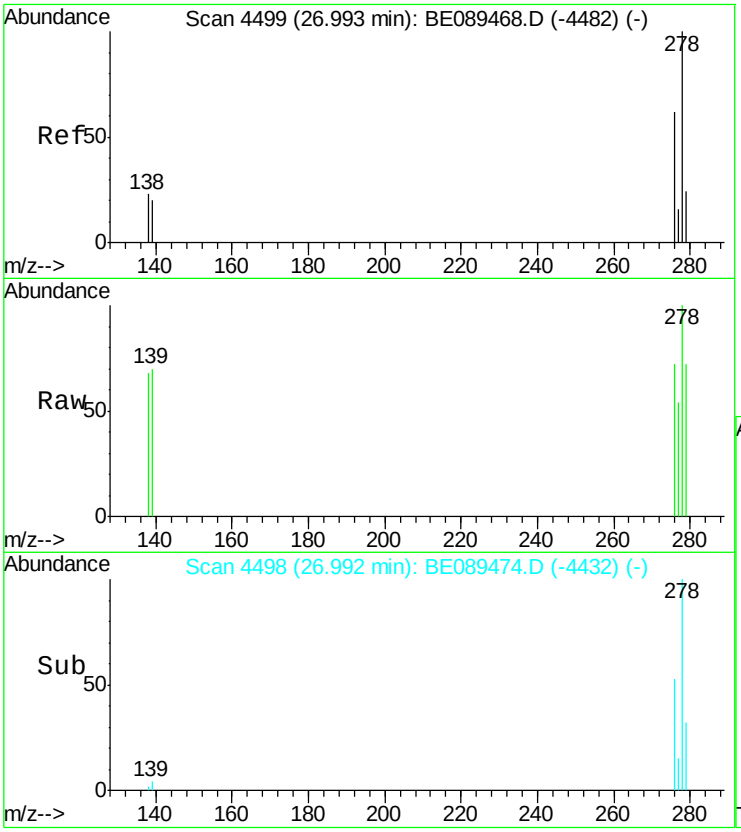


#30
Benzo(a)pyrene
Concen: 0.17 ng
RT: 25.42 min Scan# 4155
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Tgt Ion:252 Resp: 361

Ion	Ratio	Lower	Upper
252	100		
253	53.6	18.2	27.2#
125	63.1	12.2	18.4#





#31
Dibenzo(a,h)anthracene
Concen: 0.15 ng
RT: 26.99 min Scan# 4498
Delta R.T. -0.00 min
Lab File: BE089474.D
Acq: 3 Feb 2015 21:32

Instrument :
BNA_E
ClientSampleId :
PB81559BL

Tgt Ion:278 Resp: 150

Ion	Ratio	Lower	Upper
278	100		
139	70.3	16.8	25.2#
279	71.7	19.4	29.0#