Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089464.D
Acq On : 2 Feb 2015 20:27
Operator : TP/IZ
Sample : PB81408BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Feb 03 04:23:02 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 04:09:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	82830	5.00	ng		0.00
7) Naphthalene-d8	12.49	136	266447	5.00	ng		0.00
13) Acenaphthene-d10	16.68	164	102957	5.00	ng		0.00
17) Phenanthrene-d10	19.99	188	191334	5.00	ng		0.00
20) Chrysene-d12	23.84	240	315801	5.00	ng		0.00
27) Perylene-d12	25.56	264	400562	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.75	112	299067	10.78	ng		0.00
4) Phenol-d6	8.87	99	337148	10.43	ng		0.00
8) Nitrobenzene-d5	10.85	82	174375	9.01	ng		0.00
14) 2,4,6-Tribromophenol	18.59	330	40172	15.48	ng		0.00
15) 2-Fluorobiphenyl	15.13	172	216144	7.51	ng		0.00
22) Terphenyl-d14	22.48	244	314495	8.81	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.55	42	120215	7.56	ng	#	83
5) Phenol	8.90	94	240873	6.92	ng		91
6) bis(2-Chloroethyl)ether	9.06	93	181243	7.16	ng	#	97
9) Nitrobenzene	10.89	77	180992	8.23	ng		99
10) 2,4-Dimethylphenol	11.82	122	112648	7.15	ng		87
11) 2,4-Dichlorophenol	12.21	162	91603	7.69	ng		92
12) Hexachlorobutadiene	12.87	225	60661	7.23	ng		99
16) 2,4-Dinitrophenol	16.91	184	29922	17.35	ng		84
18) Hexachlorobenzene	19.23	284	70381	7.02	ng		97
19) Pentachlorophenol	19.66	266	47805	16.32	ng		97
21) Benzidine	22.15	184	542561	14.14	ng		99
23) Benzo(a)anthracene	23.83	228	2131625	8.47	ng		95
24) 3,3'-Dichlorobenzidine	23.82	252	228318	7.57	ng	#	97
25) Chrysene	23.88	228	2253156	7.33	ng		95
26) Indeno(1,2,3-cd)pyrene	27.08	276	943515	7.06	ng		97
28) Benzo(b)fluoranthene	25.11	252	617313	7.68	ng		100
29) Benzo(k)fluoranthene	25.14	252	733783	7.35	ng		99
30) Benzo(a)pyrene	25.49	252	637980	7.35	ng		99
31) Dibenzo(a,h)anthracene	27.11	278	830044	7.36	ng		96

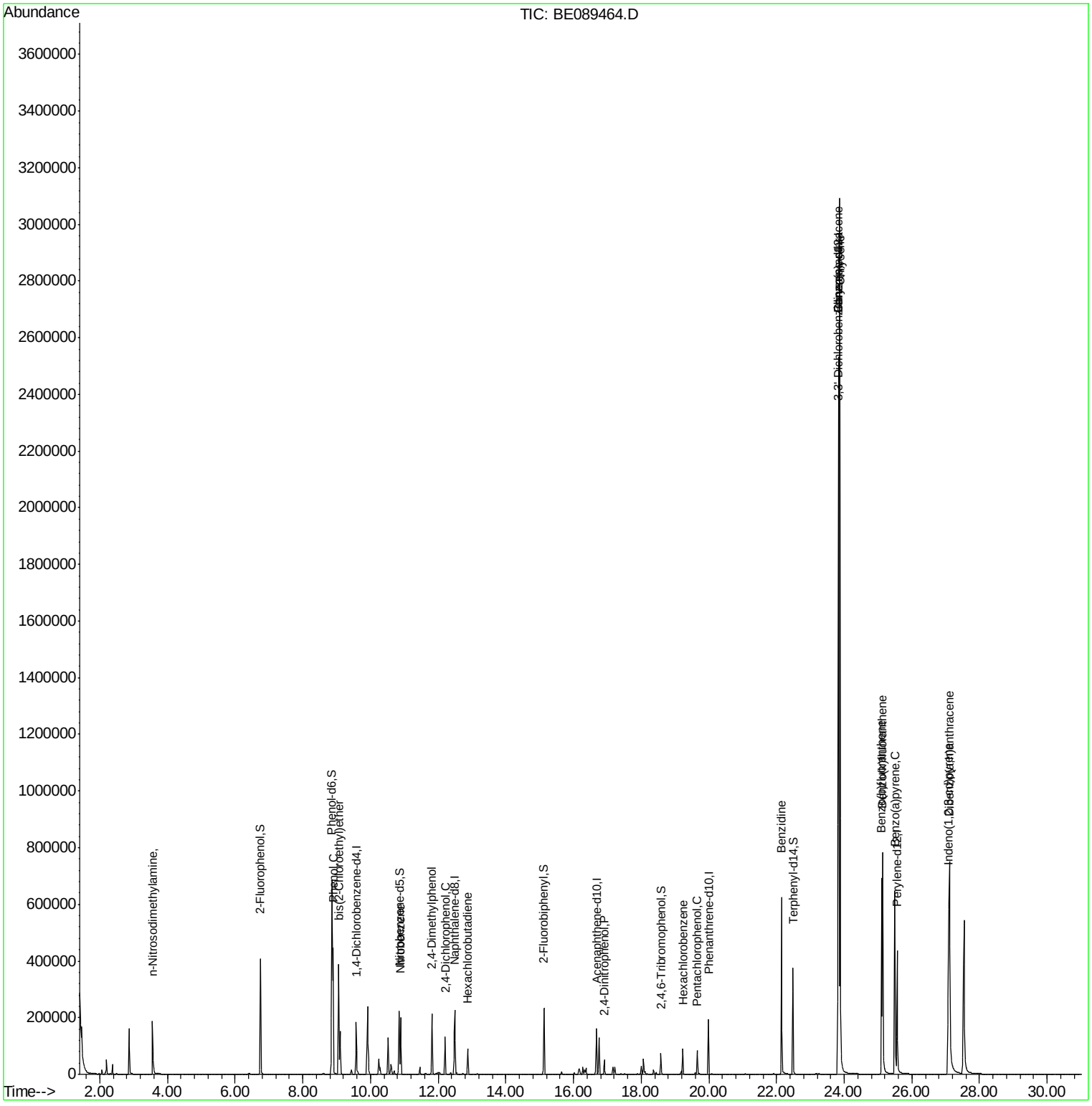
(#) = qualifier out of range (m) = manual integration (+) = signals summed

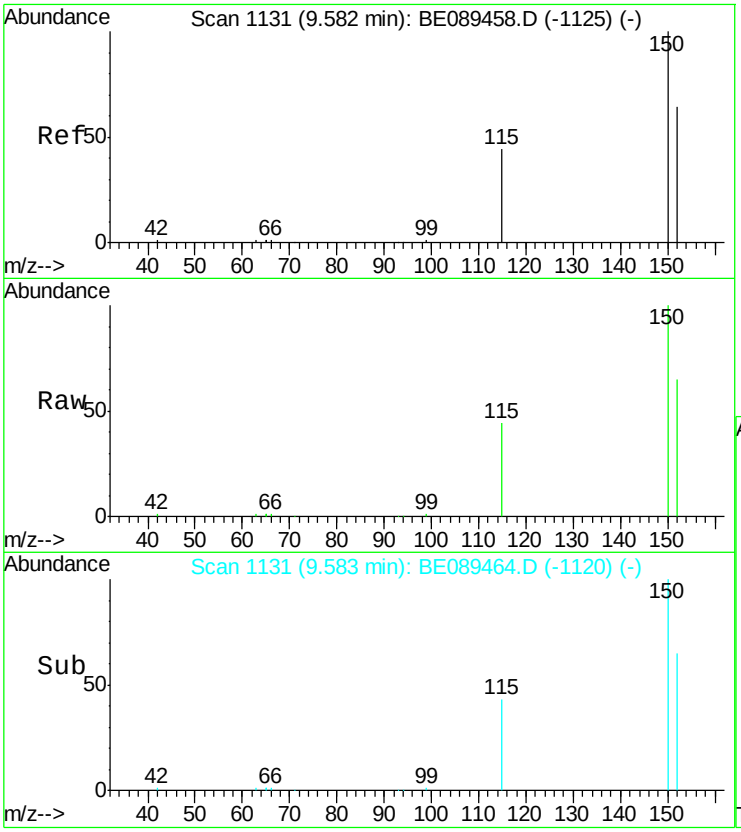
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE020215\
Data File : BE089464.D
Acq On : 2 Feb 2015 20:27
Operator : TP/IZ
Sample : PB81408BS
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Feb 03 04:23:02 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE020215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 03 04:09:03 2015
Response via : Initial Calibration



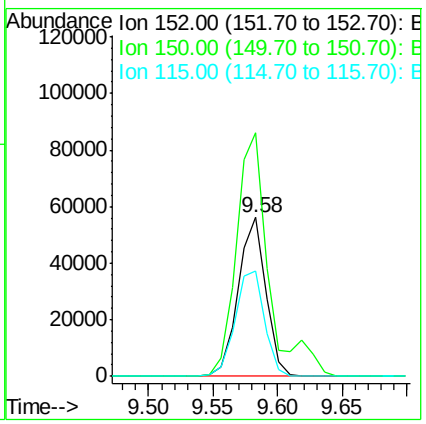


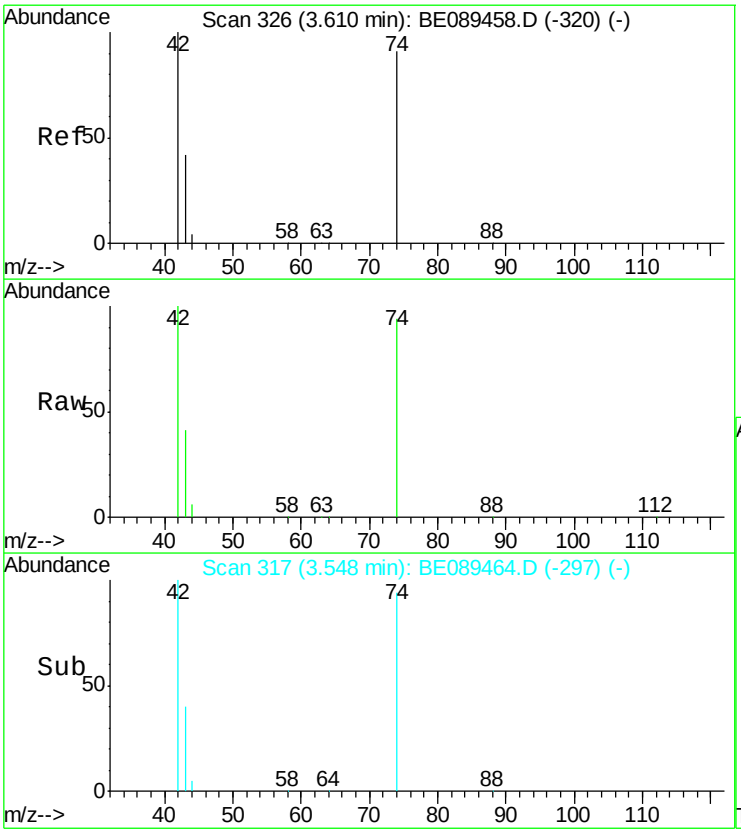
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.58 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 82830

Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.6	186.8
115	66.6	55.4	83.0

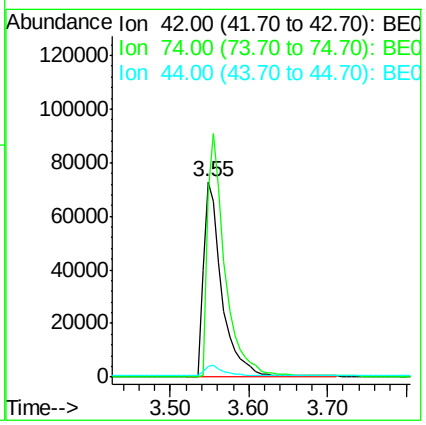


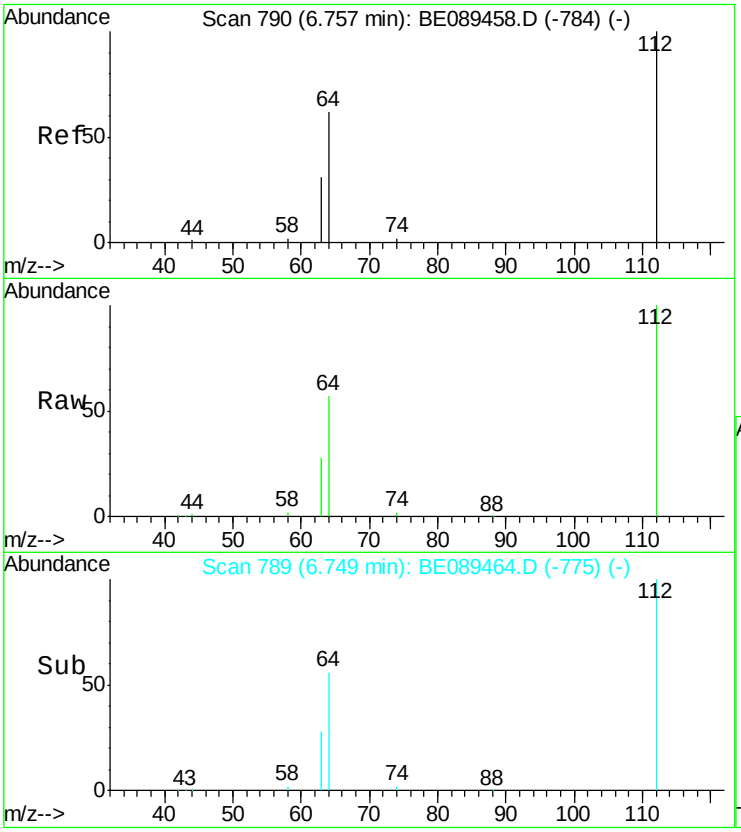


#2
n-Nitrosodimethylamine
Concen: 7.56 ng
RT: 3.55 min Scan# 317
Delta R.T. -0.06 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion: 42 Resp: 120215

Ion	Ratio	Lower	Upper
42	100		
74	94.3	72.1	108.1
44	5.7	28.0	42.0#



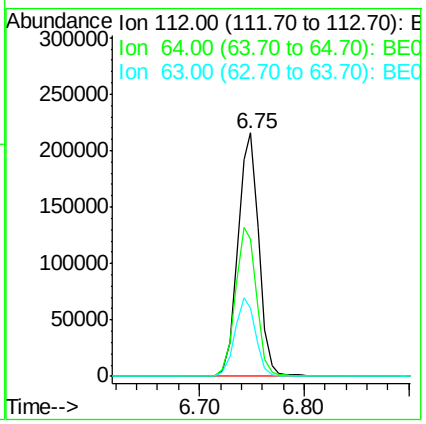


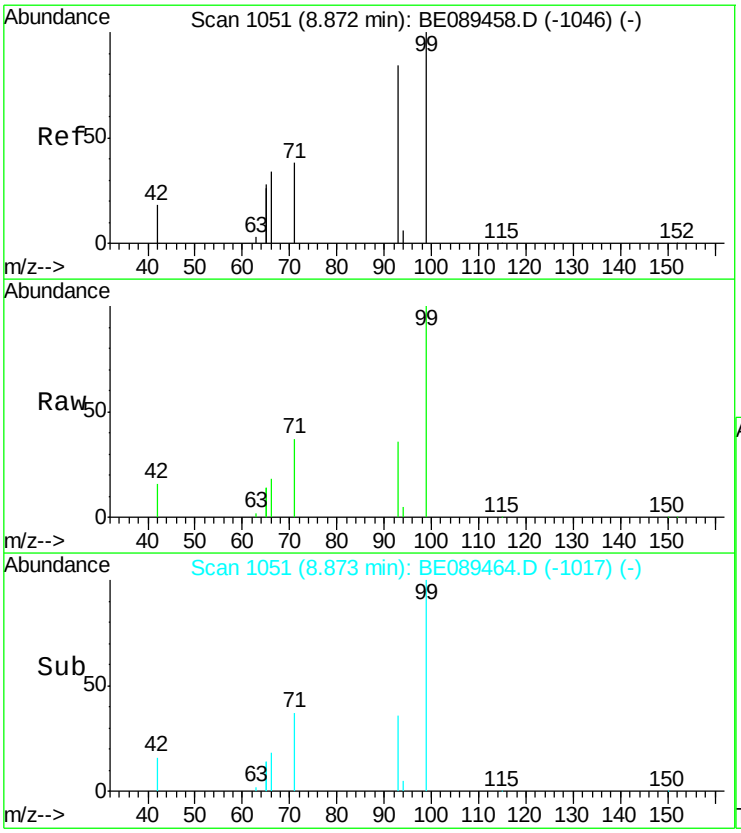
#3
2-Fluorophenol
Concen: 10.78 ng
RT: 6.75 min Scan# 789
Delta R.T. -0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:112 Resp: 299067

Ion	Ratio	Lower	Upper
112	100		
64	56.5	49.8	74.8
63	28.0	24.9	37.3

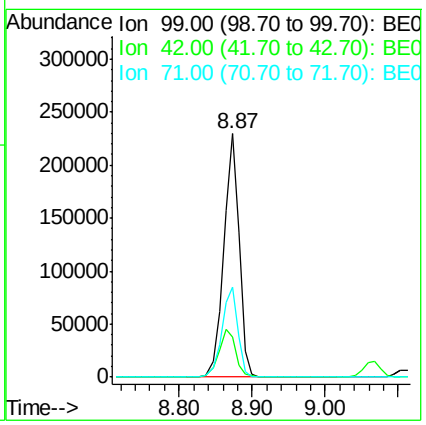


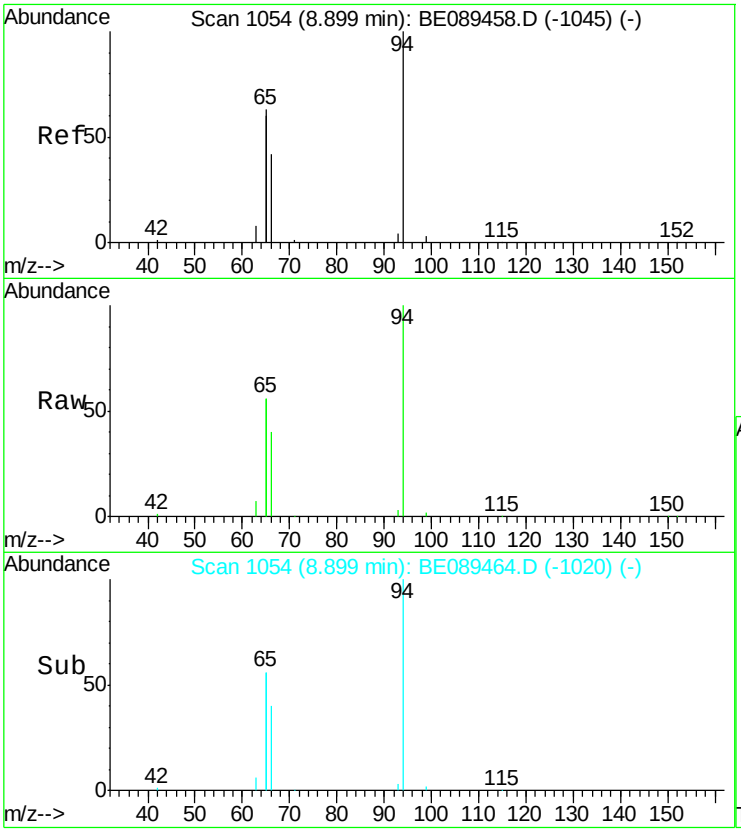


#4
Phenol-d6
Concen: 10.43 ng
RT: 8.87 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion: 99 Resp: 337148

Ion	Ratio	Lower	Upper
99	100		
42	16.3	15.0	22.4
71	36.9	30.6	46.0



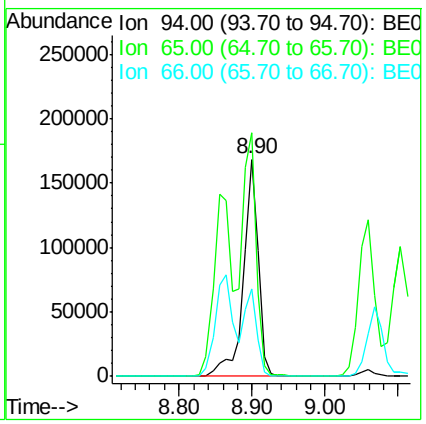


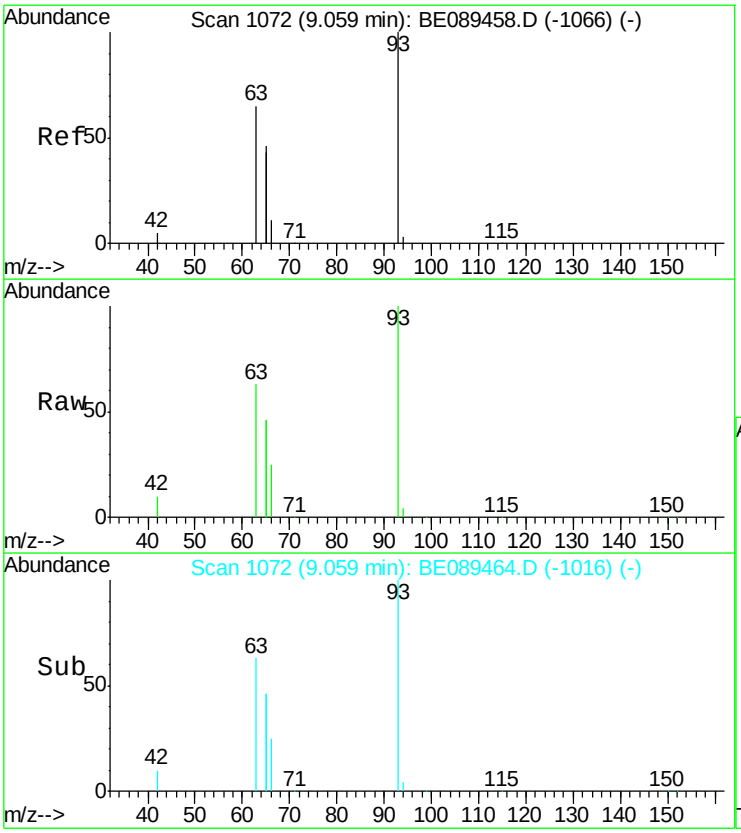
#5
Phenol
Concen: 6.92 ng
RT: 8.90 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 94 Resp: 240873

Ion	Ratio	Lower	Upper
94	100		
65	112.1	105.0	145.0
66	40.3	22.4	62.4

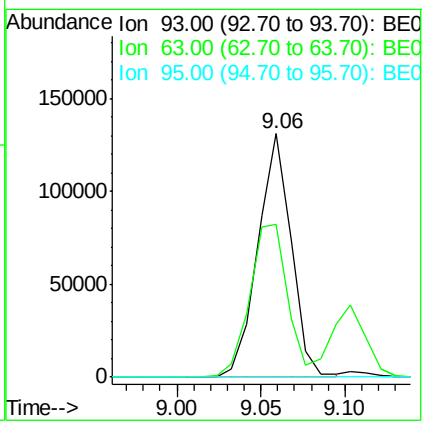


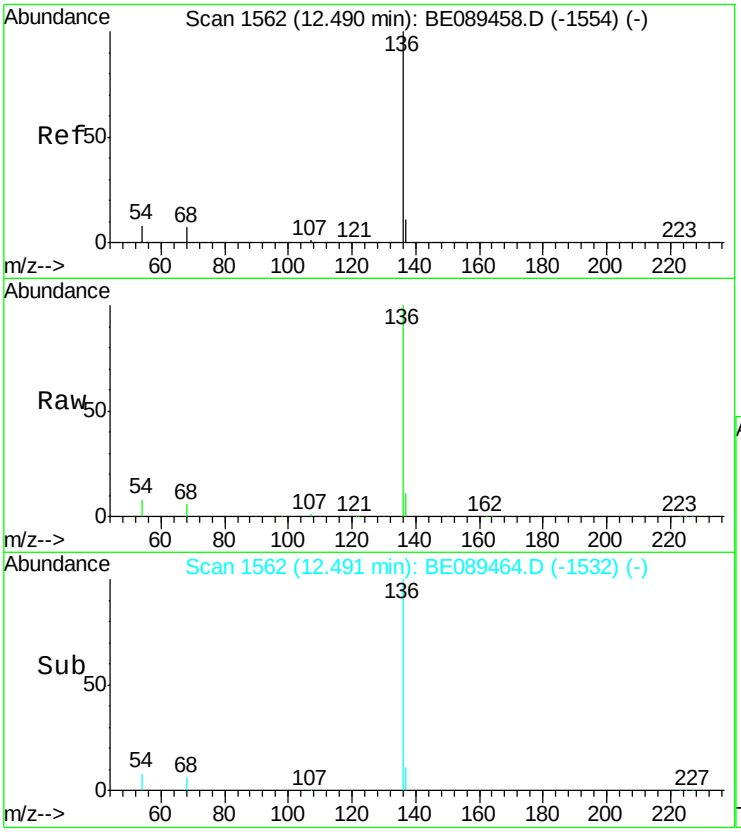


#6
bis(2-Chloroethyl)ether
Concen: 7.16 ng
RT: 9.06 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion: 93 Resp: 181243

Ion	Ratio	Lower	Upper
93	100		
63	71.3	59.2	88.8
95	0.0	0.0	0.0



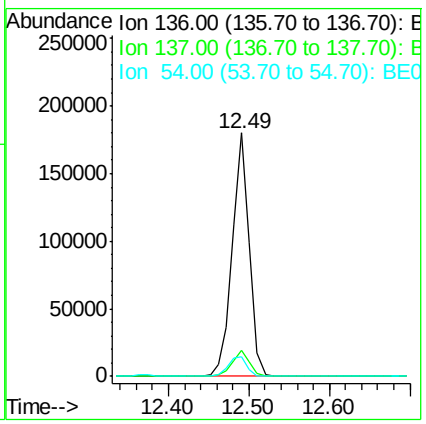


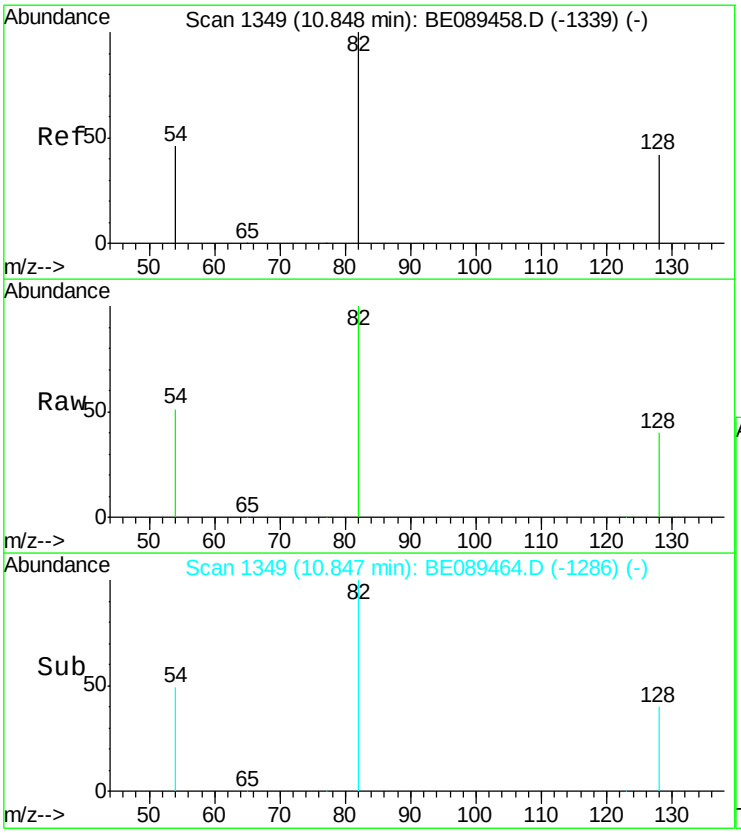
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.49 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:136 Resp: 266447

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.8	6.5	9.7

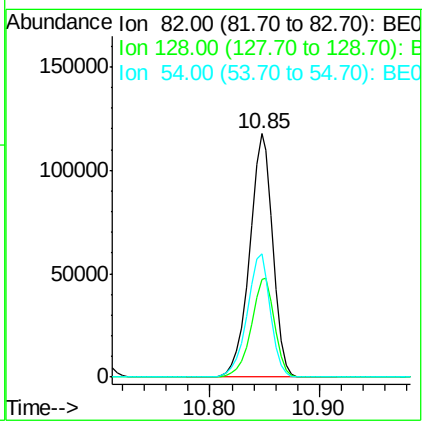


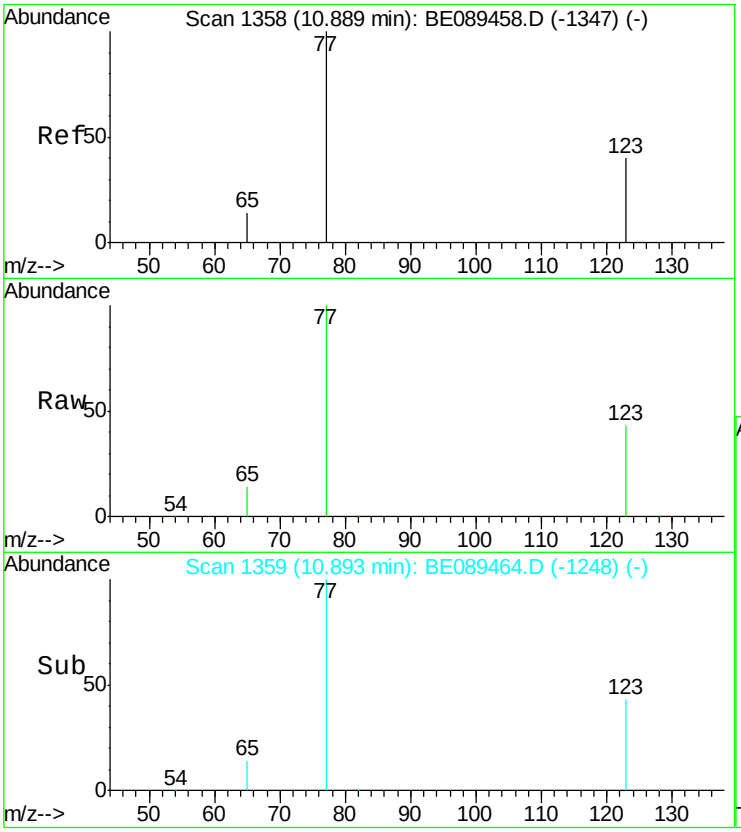


#8
Nitrobenzene-d5
Concen: 9.01 ng
RT: 10.85 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion: 82 Resp: 174375

Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.2	51.2
54	50.6	37.3	55.9



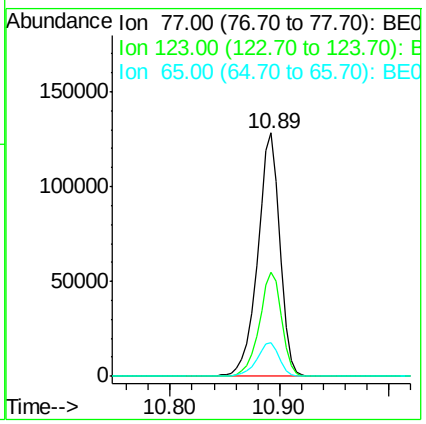


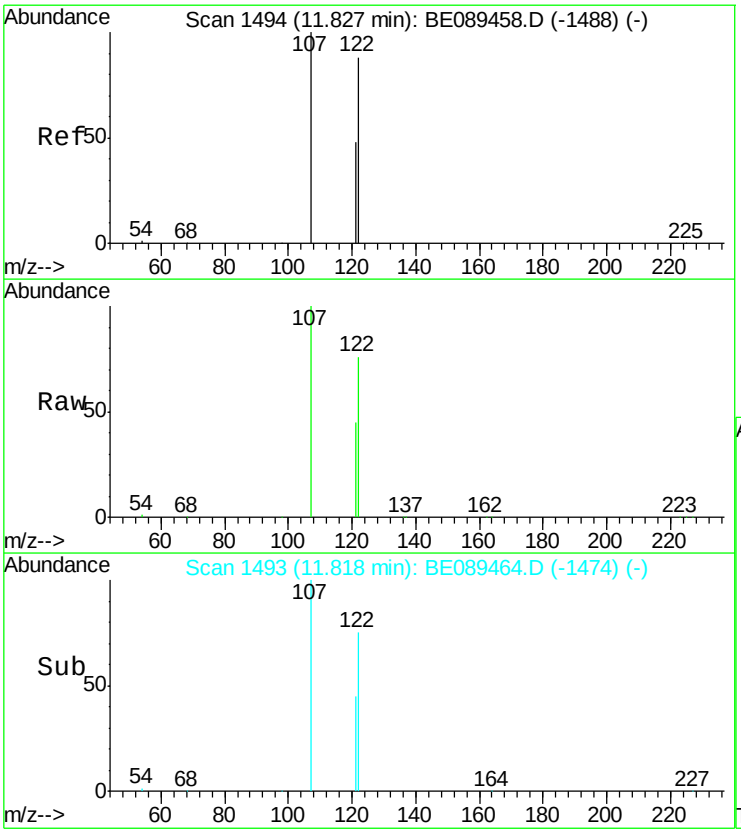
#9
Nitrobenzene
Concen: 8.23 ng
RT: 10.89 min Scan# 1359
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 77 Resp: 180992

Ion	Ratio	Lower	Upper
77	100		
123	43.0	33.6	50.4
65	14.1	11.0	16.6

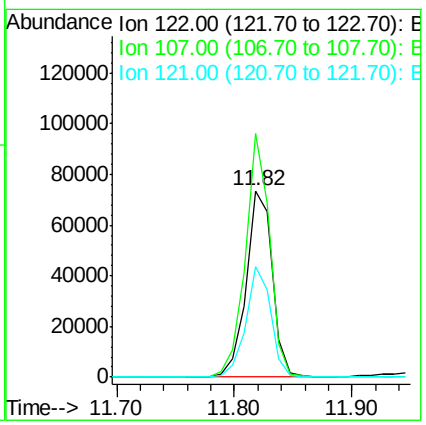


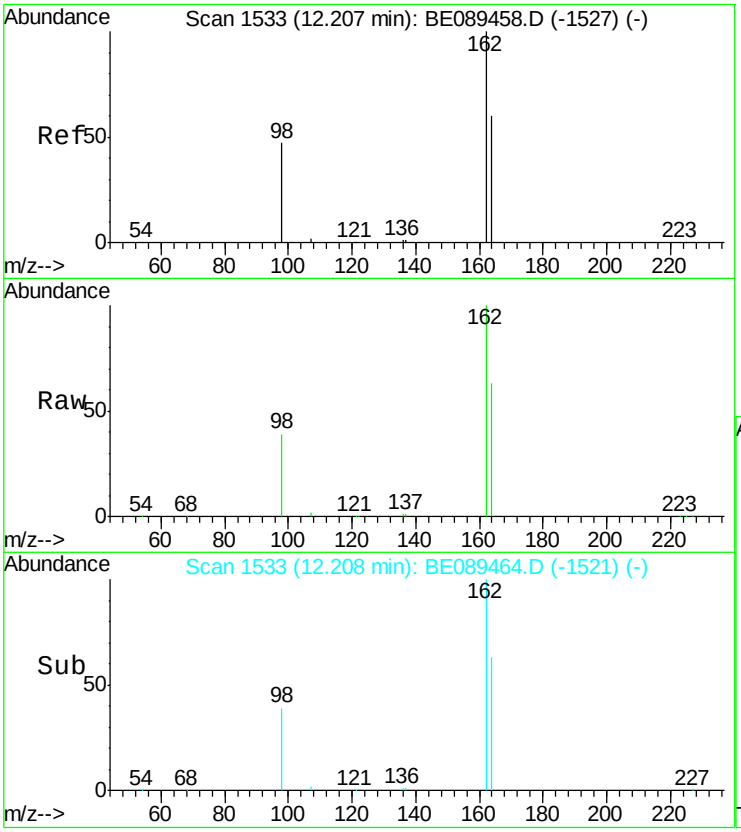


#10
2,4-Dimethylphenol
Concen: 7.15 ng
RT: 11.82 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:122 Resp: 112648

Ion	Ratio	Lower	Upper
122	100		
107	130.8	90.6	136.0
121	59.2	43.7	65.5



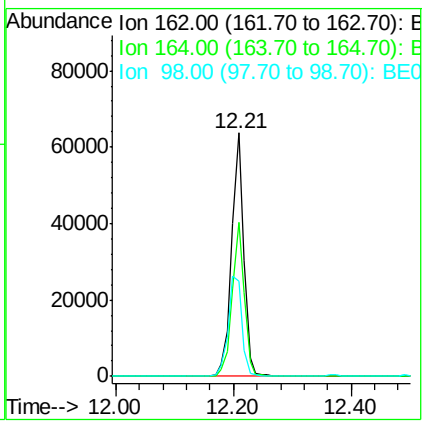


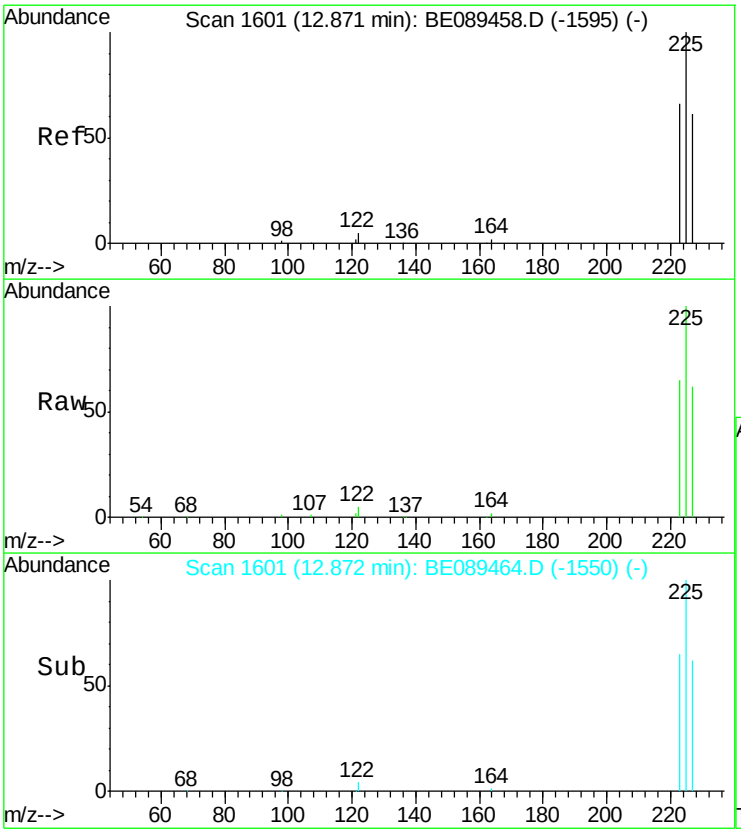
#11
2,4-Dichlorophenol
Concen: 7.69 ng
RT: 12.21 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:162 Resp: 91603

Ion	Ratio	Lower	Upper
162	100		
164	63.4	40.5	80.5
98	39.2	28.1	68.1

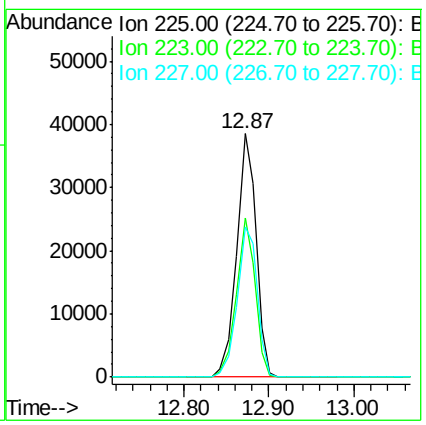


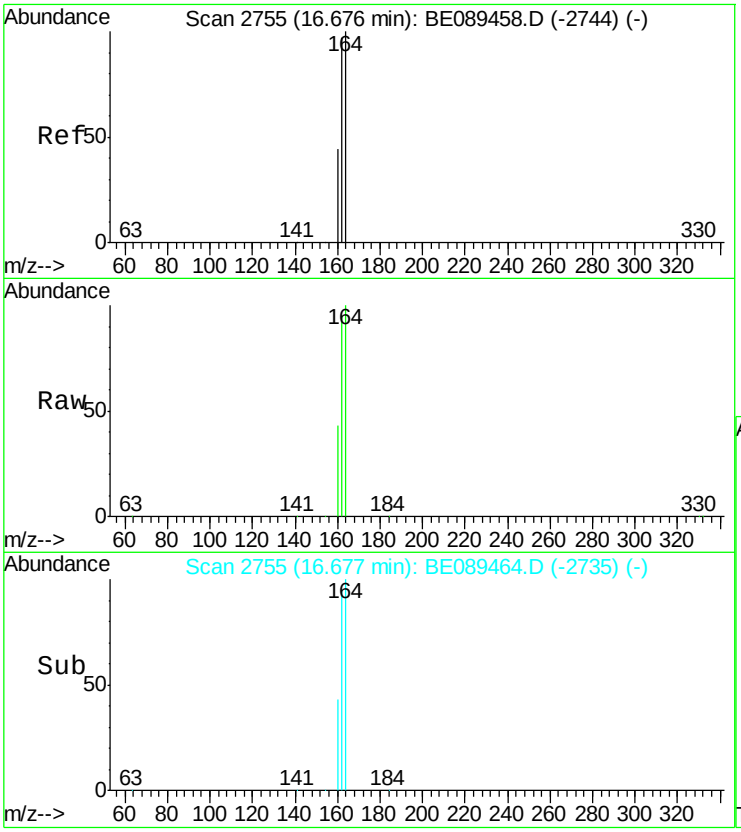


#12
Hexachlorobutadiene
Concen: 7.23 ng
RT: 12.87 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:225 Resp: 60661

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.2
227	63.8	49.9	74.9



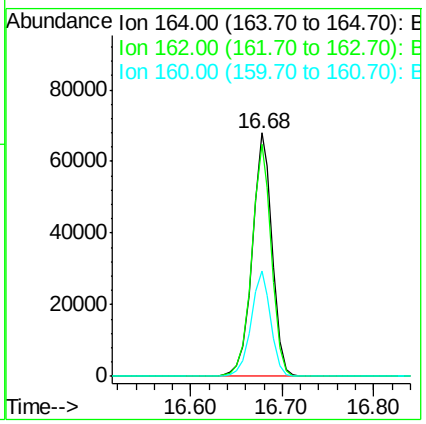


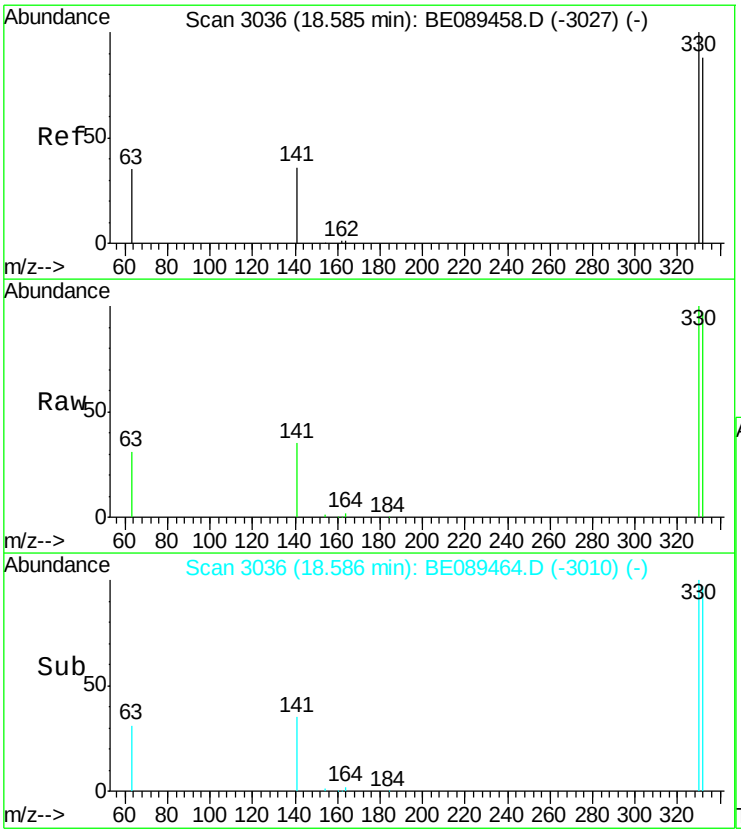
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 102957

Ion	Ratio	Lower	Upper
164	100		
162	95.4	77.4	116.2
160	43.2	35.5	53.3

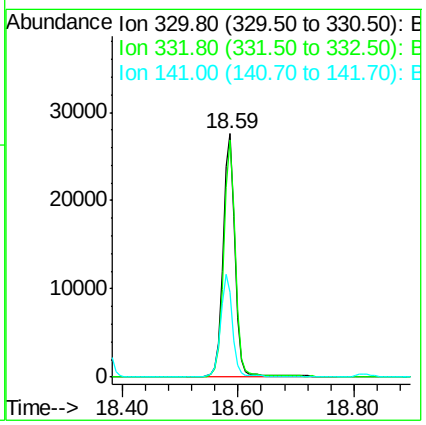


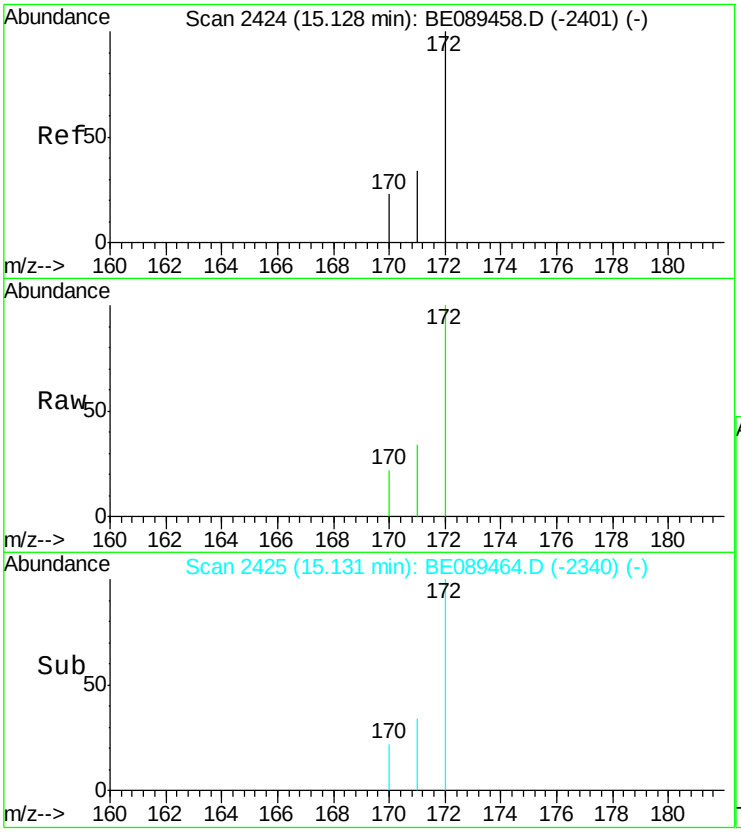


#14
2,4,6-Tribromophenol
Concen: 15.48 ng
RT: 18.59 min Scan# 3036
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:330 Resp: 40172

Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.2
141	41.2	35.7	53.5



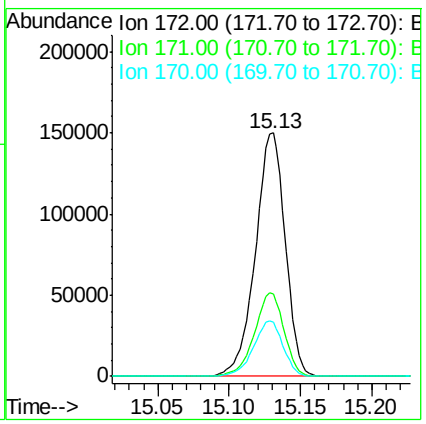


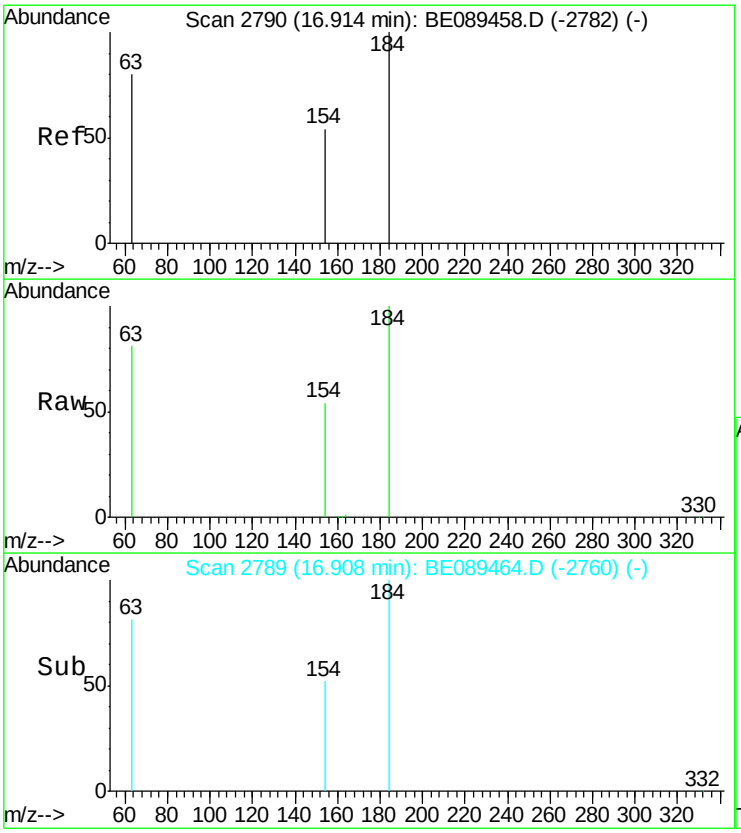
#15
2-Fluorobiphenyl
Concen: 7.51 ng
RT: 15.13 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 216144

Ion	Ratio	Lower	Upper
172	100		
171	34.0	27.7	41.5
170	22.0	18.3	27.5

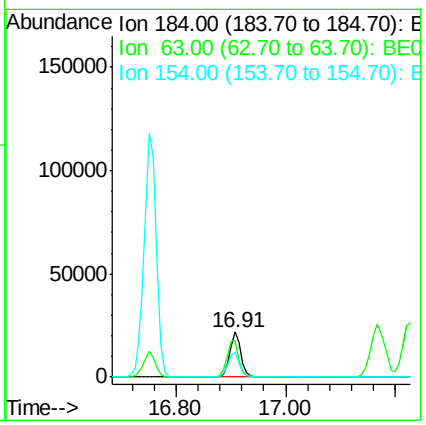


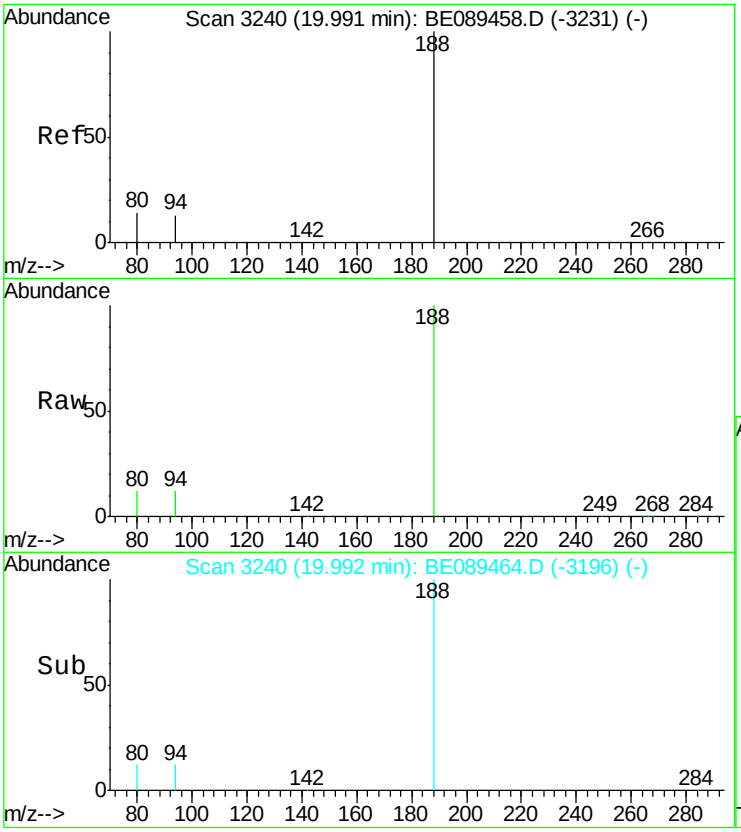


#16
2,4-Dinitrophenol
Concen: 17.35 ng
RT: 16.91 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:184 Resp: 29922

Ion	Ratio	Lower	Upper
184	100		
63	81.3	77.0	115.6
154	54.4	54.0	81.0



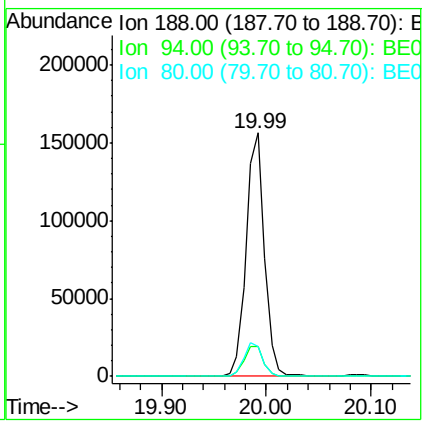


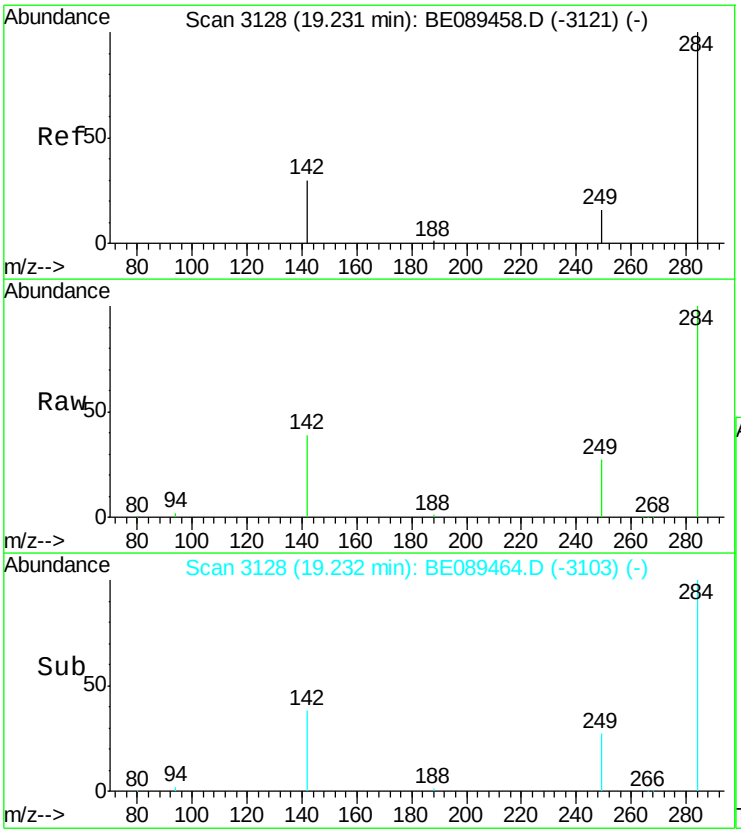
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:188 Resp: 191334

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.4
80	12.3	10.9	16.3

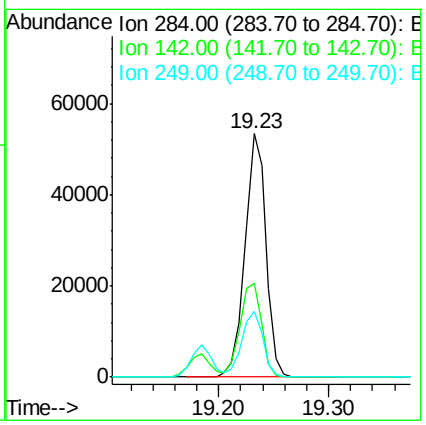


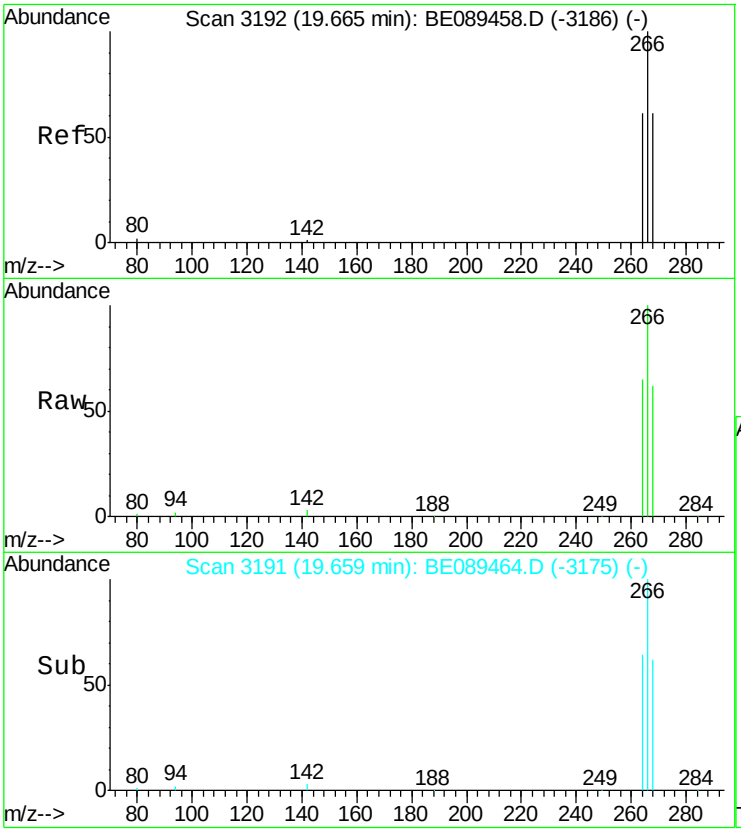


#18
Hexachlorobenzene
Concen: 7.02 ng
RT: 19.23 min Scan# 3128
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:284 Resp: 70381

Ion	Ratio	Lower	Upper
284	100		
142	38.5	31.8	47.8
249	26.8	23.5	35.3



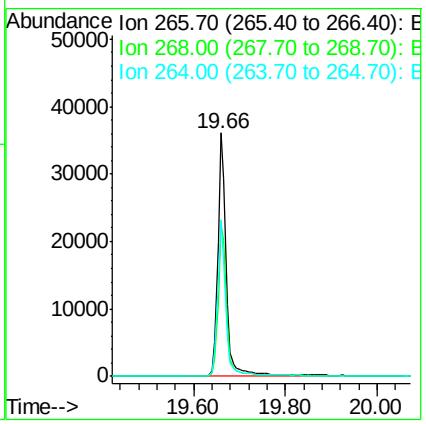


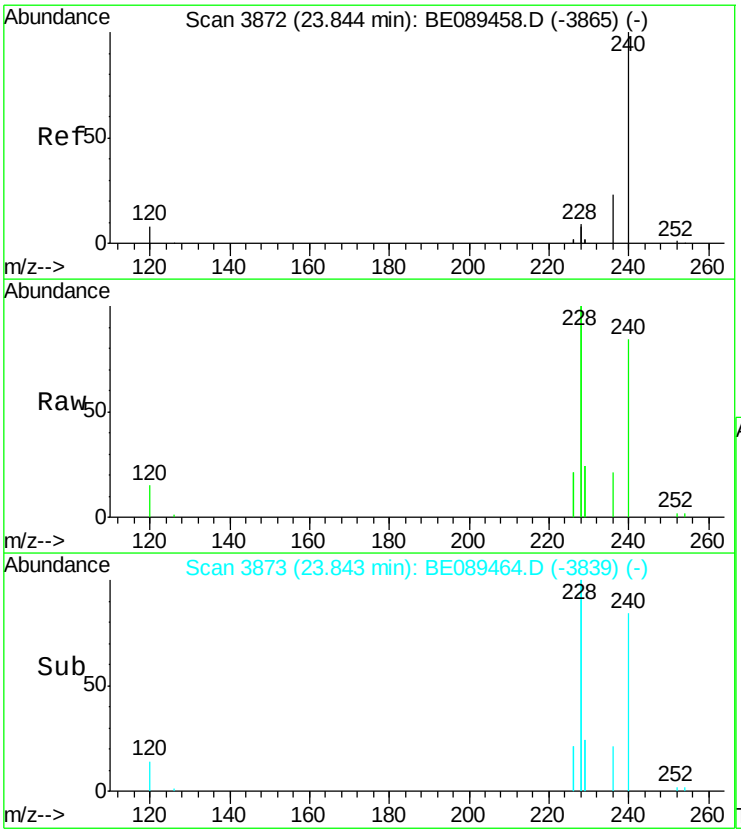
#19
Pentachlorophenol
Concen: 16.32 ng
RT: 19.66 min Scan# 3191
Delta R.T. -0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:266 Resp: 47805

Ion	Ratio	Lower	Upper
266	100		
268	62.4	52.6	78.8
264	64.5	52.2	78.2

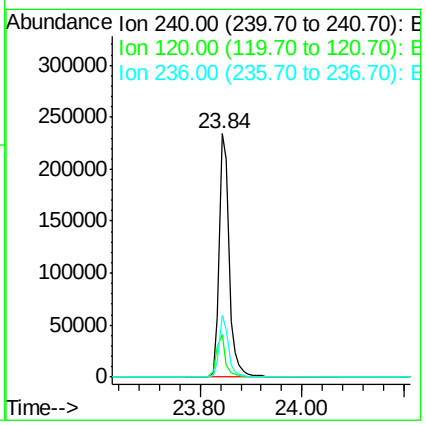


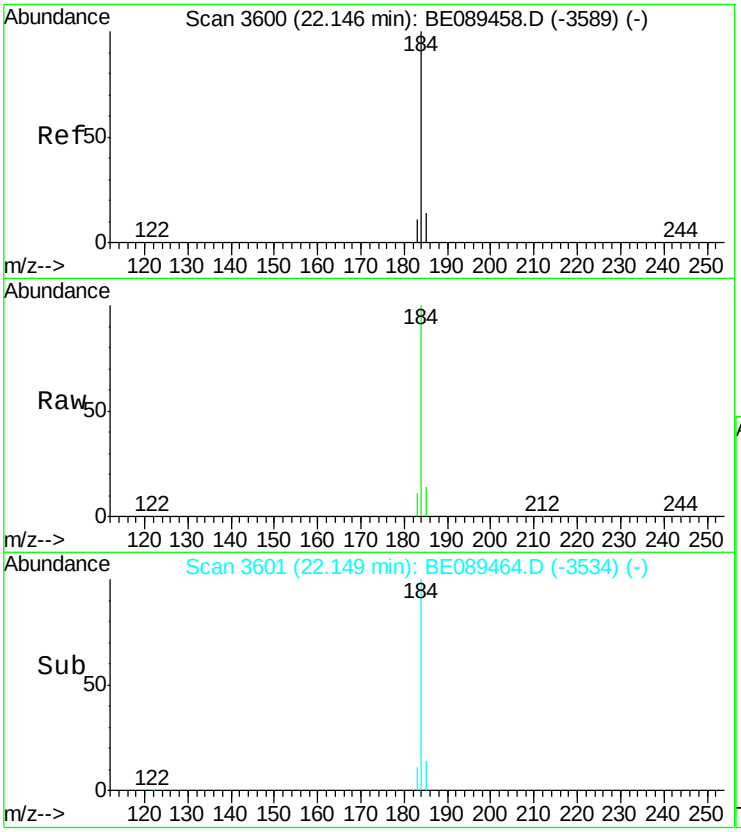


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:240 Resp: 315801

Ion	Ratio	Lower	Upper
240	100		
120	17.3	6.2	9.4#
236	25.4	18.2	27.4



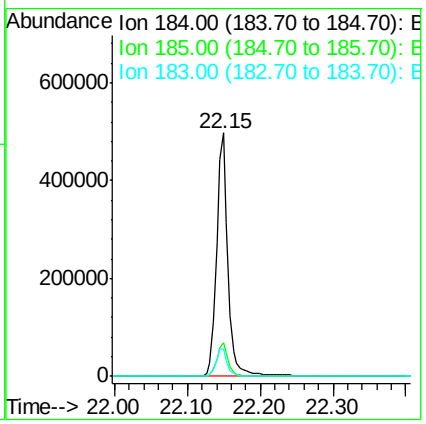


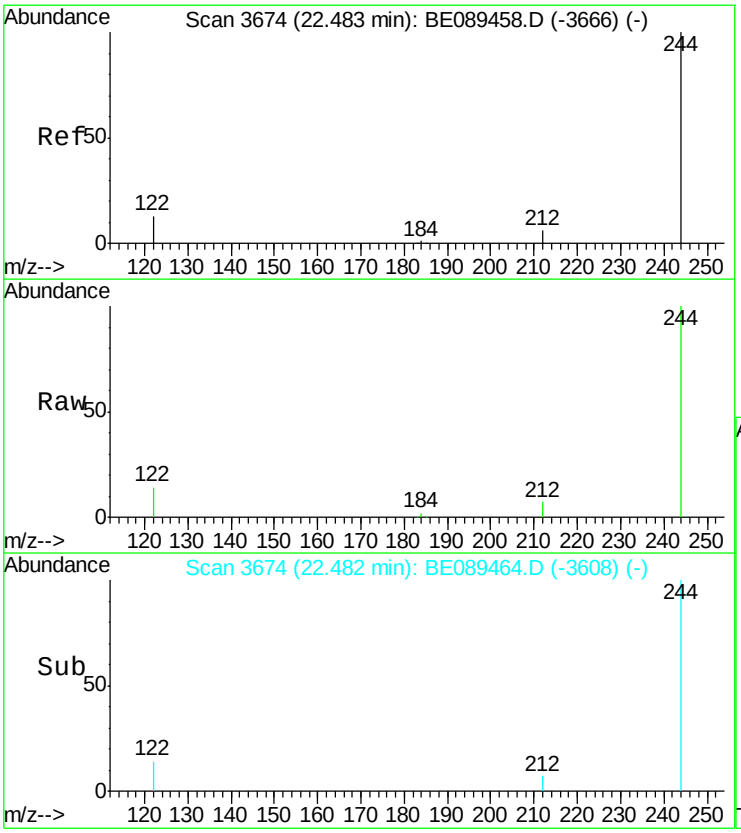
#21
Benzidine
Concen: 14.14 ng
RT: 22.15 min Scan# 3601
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:184 Resp: 542561

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	11.4	9.4	14.0

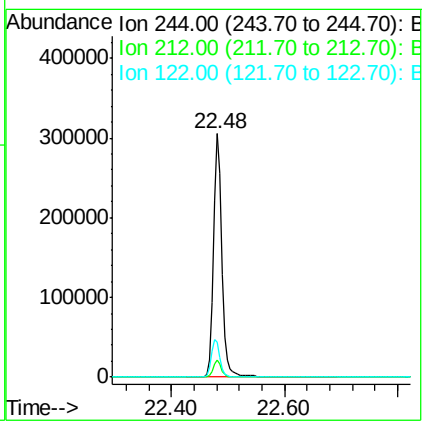


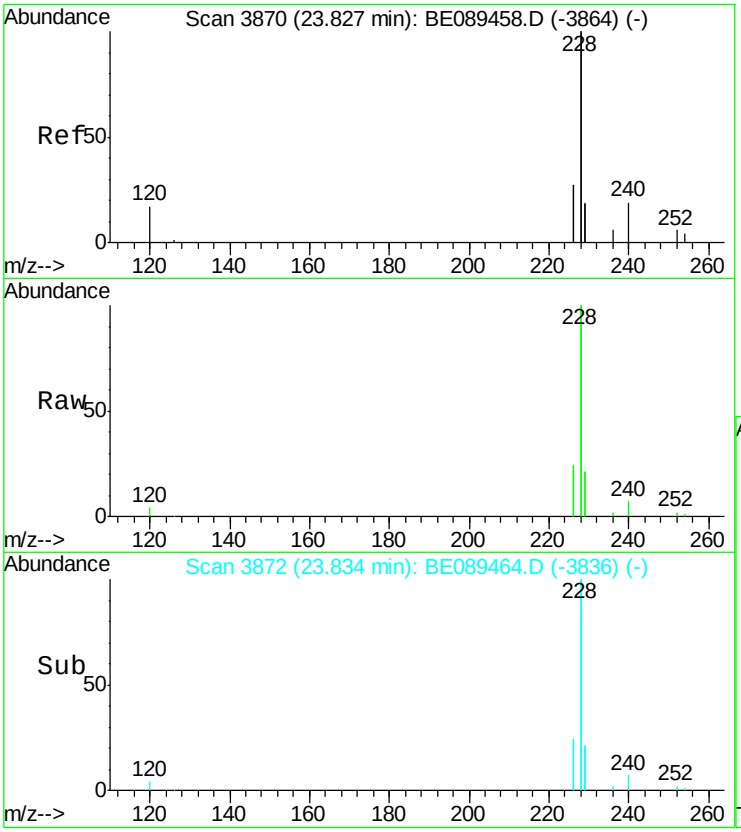


#22
Terphenyl-d14
Concen: 8.81 ng
RT: 22.48 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:244 Resp: 314495

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.3	7.9
122	14.2	10.5	15.7



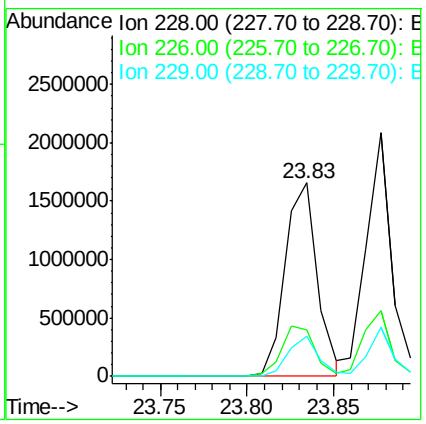


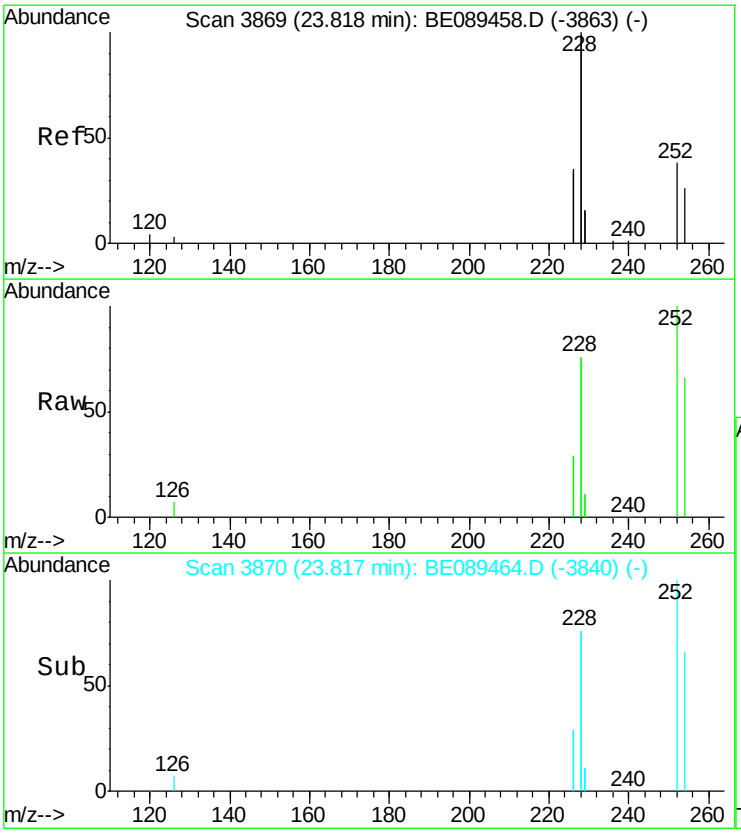
#23
Benzo(a)anthracene
Concen: 8.47 ng
RT: 23.83 min Scan# 3872
Delta R.T. 0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2131625

Ion	Ratio	Lower	Upper
228	100		
226	24.1	21.7	32.5
229	20.7	14.8	22.2

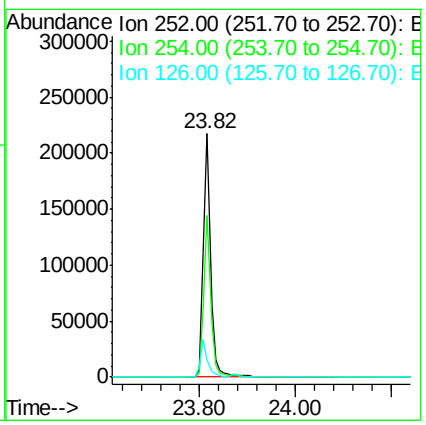


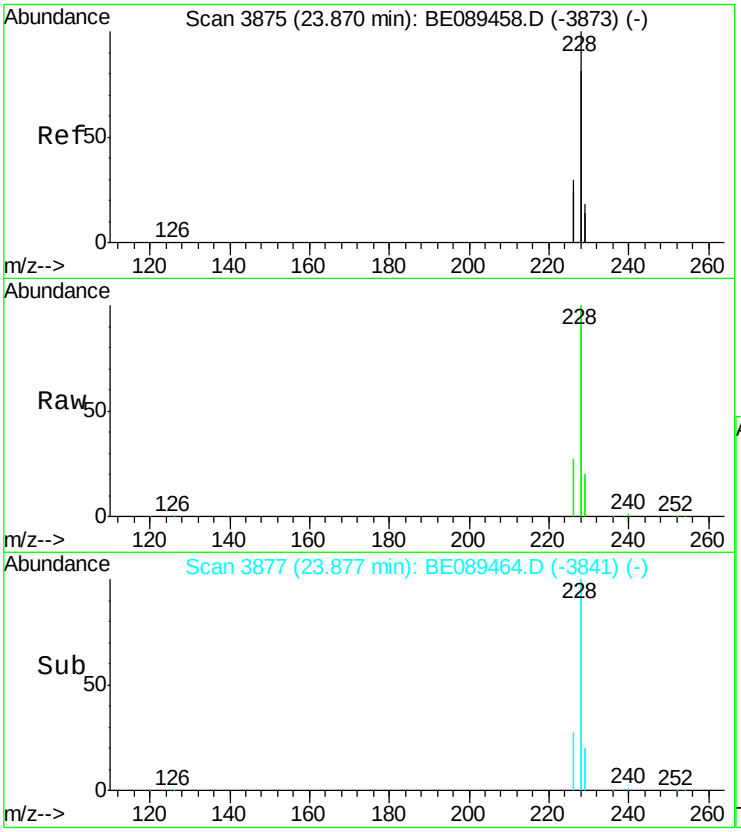


#24
3,3'-Dichlorobenzidine
Concen: 7.57 ng
RT: 23.82 min Scan# 3870
Delta R.T. -0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:252 Resp: 228318

Ion	Ratio	Lower	Upper
252	100		
254	66.3	54.6	82.0
126	6.9	8.0	12.0#



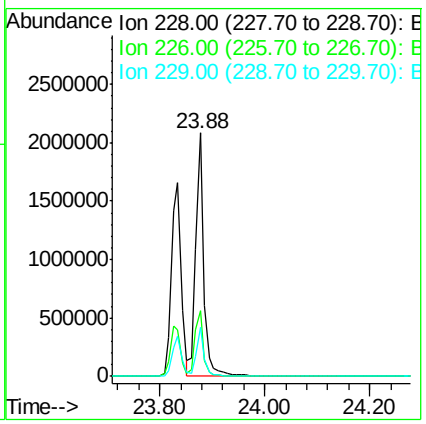


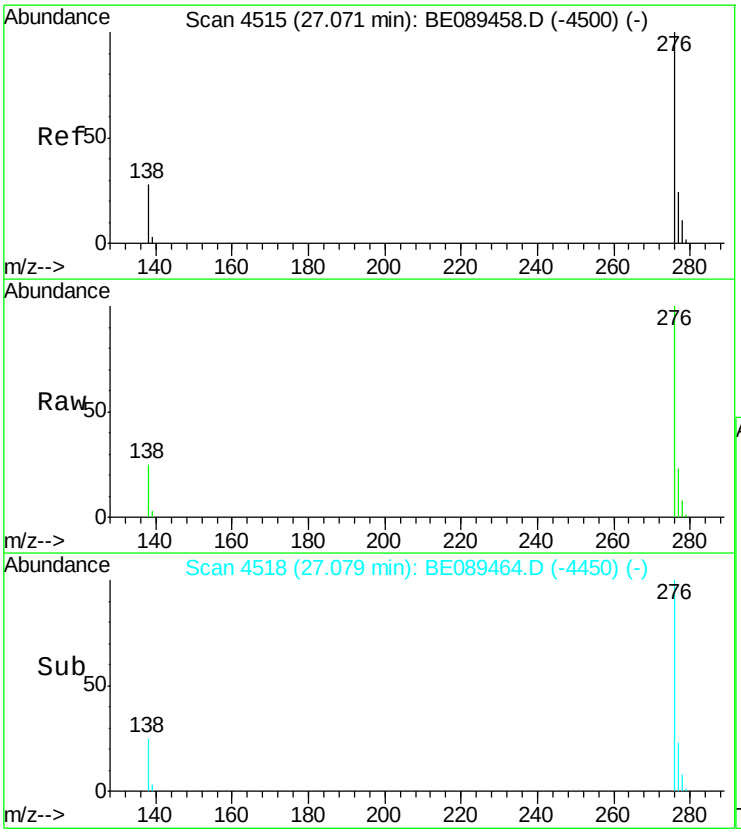
#25
Chrysene
Concen: 7.33 ng
RT: 23.88 min Scan# 3877
Delta R.T. 0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 2253156

Ion	Ratio	Lower	Upper
228	100		
226	27.2	23.8	35.8
229	20.1	14.3	21.5

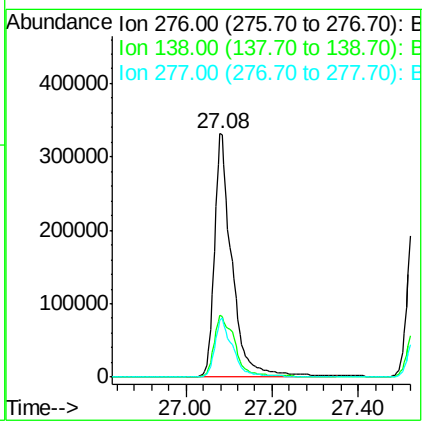


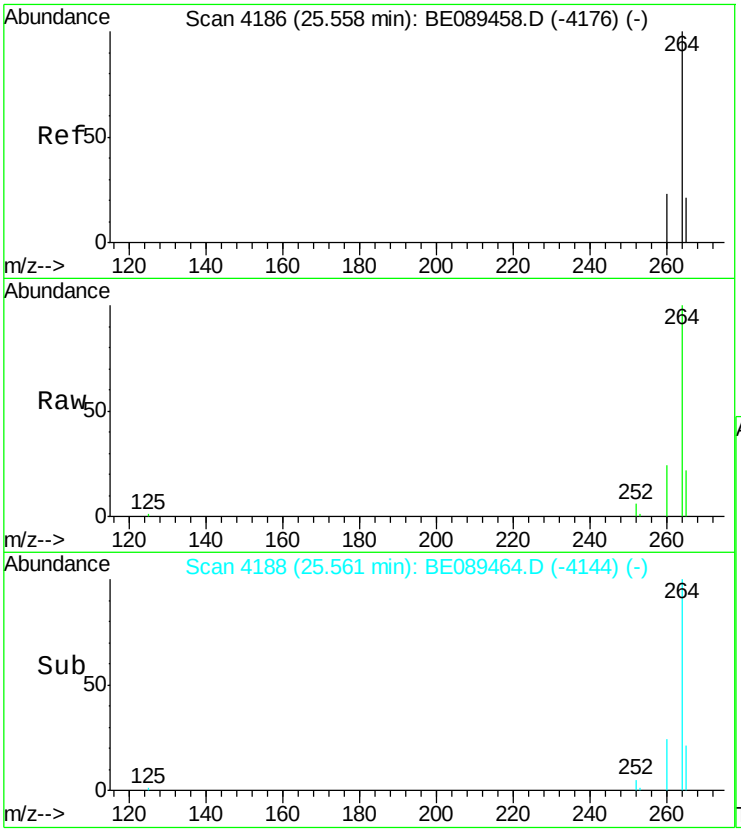


#26
Indeno(1,2,3-cd)pyrene
Concen: 7.06 ng
RT: 27.08 min Scan# 4518
Delta R.T. 0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:276 Resp: 943515

Ion	Ratio	Lower	Upper
276	100		
138	30.6	23.3	34.9
277	25.1	19.0	28.4



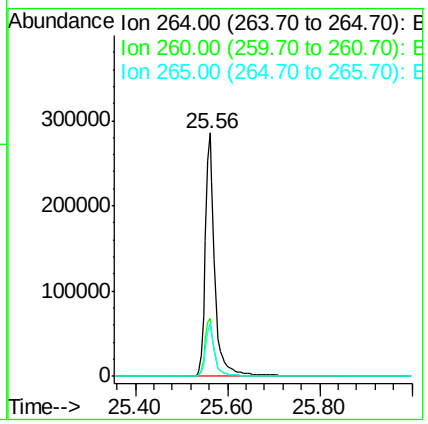


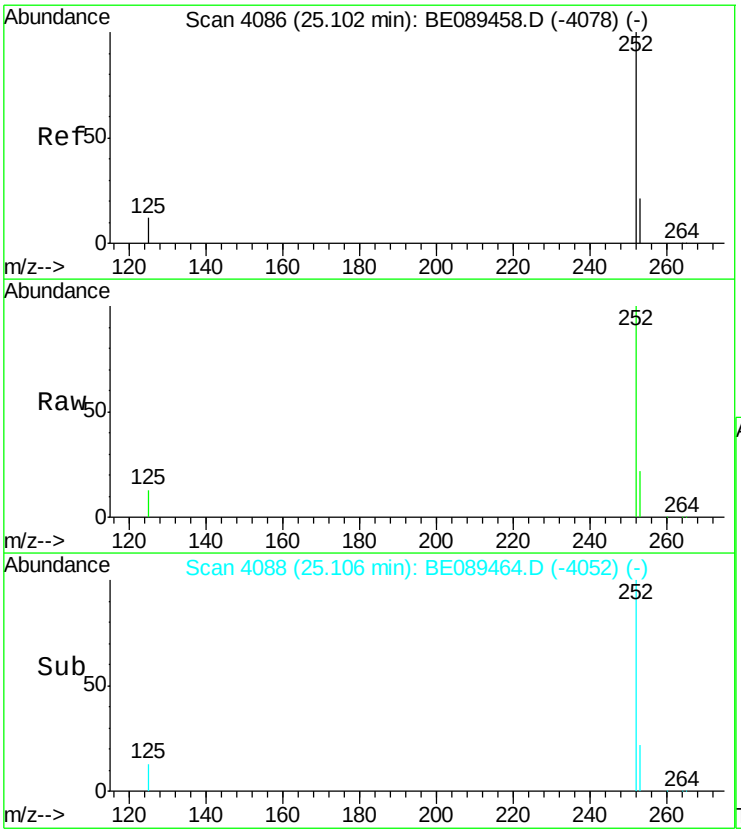
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.56 min Scan# 4188
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:264 Resp: 400562

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.6	17.0	25.6

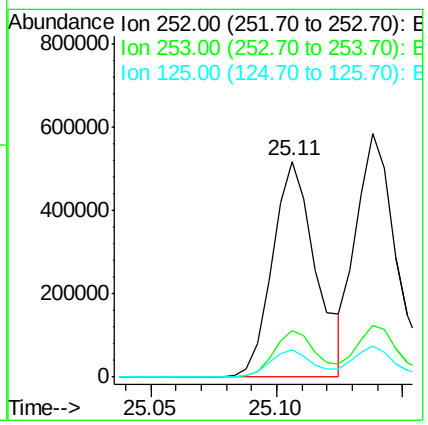


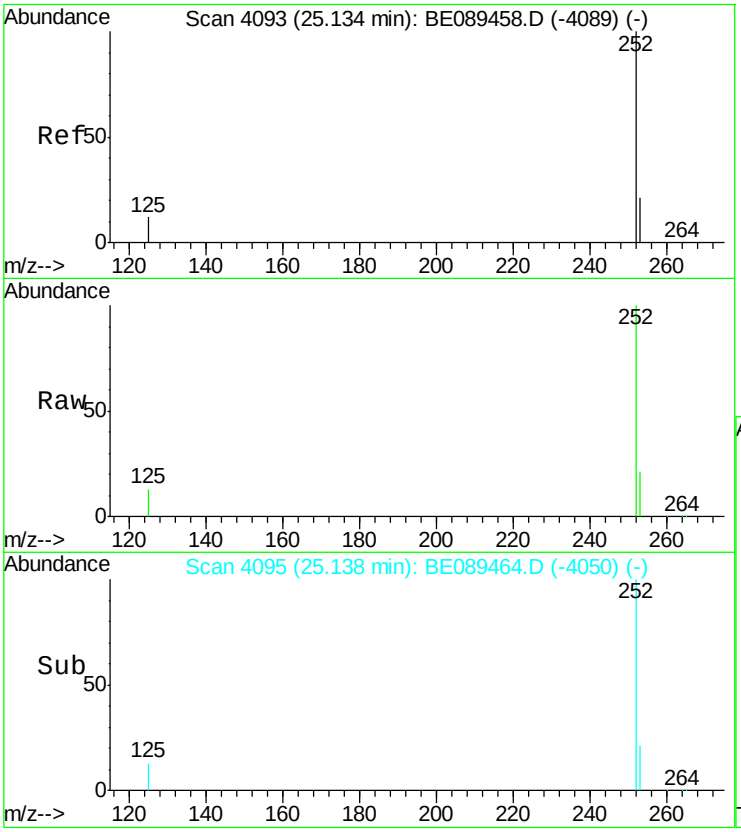


#28
Benzo(b)fluoranthene
Concen: 7.68 ng
RT: 25.11 min Scan# 4088
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:252 Resp: 617313

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	12.6	10.4	15.6



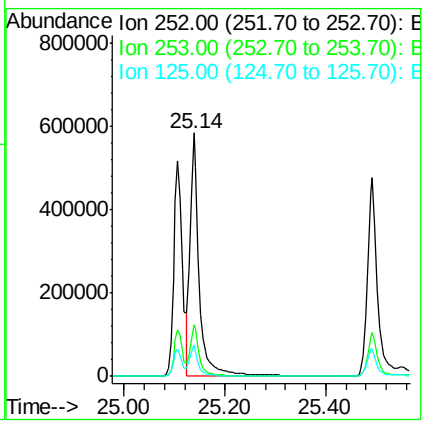


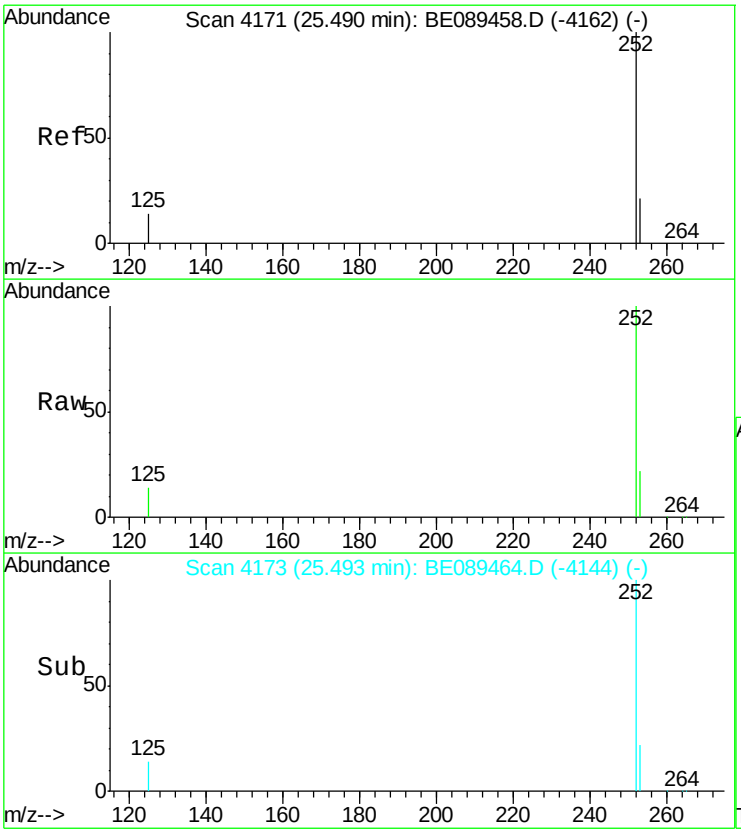
#29
Benzo(k)fluoranthene
Concen: 7.35 ng
RT: 25.14 min Scan# 4095
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 733783

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	12.7	10.3	15.5

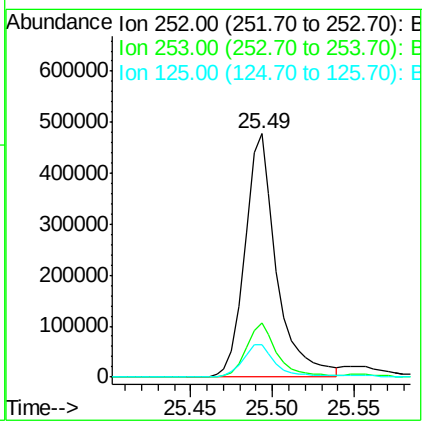


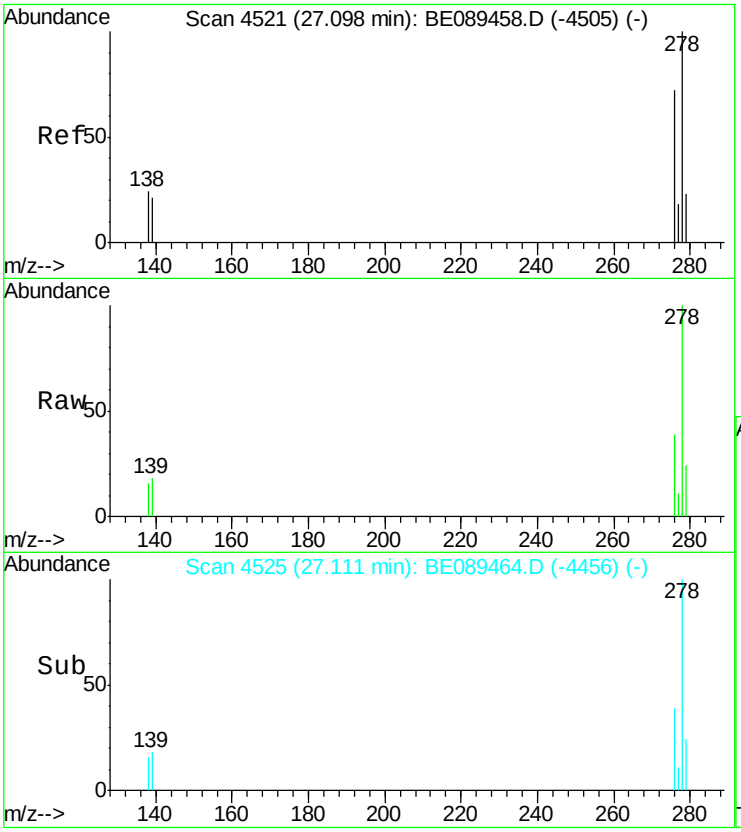


#30
Benzo(a)pyrene
Concen: 7.35 ng
RT: 25.49 min Scan# 4173
Delta R.T. 0.00 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Tgt Ion:252 Resp: 637980

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.6	11.8	17.8





#31
Dibenzo(a,h)anthracene
Concen: 7.36 ng
RT: 27.11 min Scan# 4525
Delta R.T. 0.01 min
Lab File: BE089464.D
Acq: 2 Feb 2015 20:27

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 830044

Ion	Ratio	Lower	Upper
278	100		
139	18.0	17.1	25.7
279	24.1	18.8	28.2