Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089577.D
Acq On : 16 Feb 2015 20:25
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE021615

Quant Time: Feb 17 01:43:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 17 01:13:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	79494	5.00	ng		0.00
7) Naphthalene-d8	12.25	136	319753	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	157601	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	307289	5.00	ng		0.00
20) Chrysene-d12	23.66	240	317813	5.00	ng		0.00
27) Perylene-d12	25.34	264	274710	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.51	112	21680	0.96	ng		0.00
4) Phenol-d6	8.62	99	28665	0.95	ng		0.00
8) Nitrobenzene-d5	10.61	82	12810	0.97	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	3273	0.94	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	42598	1.00	ng		0.00
22) Terphenyl-d14	22.30	244	44501	1.03	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.36	42	10496	0.88	ng		86
5) Phenol	8.65	94	31283	0.97	ng		95
6) bis(2-Chloroethyl)ether	8.83	93	24322	0.99	ng	#	97
9) Nitrobenzene	10.65	77	15478	0.96	ng		99
10) 2,4-Dimethylphenol	11.59	122	17781	0.97	ng		100
11) 2,4-Dichlorophenol	11.97	162	14067	0.98	ng		99
12) Hexachlorobutadiene	12.64	225	9816	1.00	ng		100
16) 2,4-Dinitrophenol	16.66	184	491	1.14	ng		94
18) Hexachlorobenzene	19.00	284	13197	1.02	ng		97
19) Pentachlorophenol	19.44	266	2011	0.91	ng		98
21) Benzidine	21.96	184	16785	0.69	ng		99
23) Benzo(a)anthracene	23.64	228	289785	0.95	ng		96
24) 3,3'-Dichlorobenzidine	23.63	252	16179	0.77	ng		99
25) Chrysene	23.69	228	308803	1.01	ng		99
26) Indeno(1,2,3-cd)pyrene	26.75	276	58320	0.78	ng	#	72
28) Benzo(b)fluoranthene	24.92	252	48360	0.84	ng		99
29) Benzo(k)fluoranthene	24.94	252	78129	1.06	ng		98
30) Benzo(a)pyrene	25.28	252	46475	0.85	ng		99
31) Dibenzo(a,h)anthracene	26.78	278	45391	0.82	ng		99

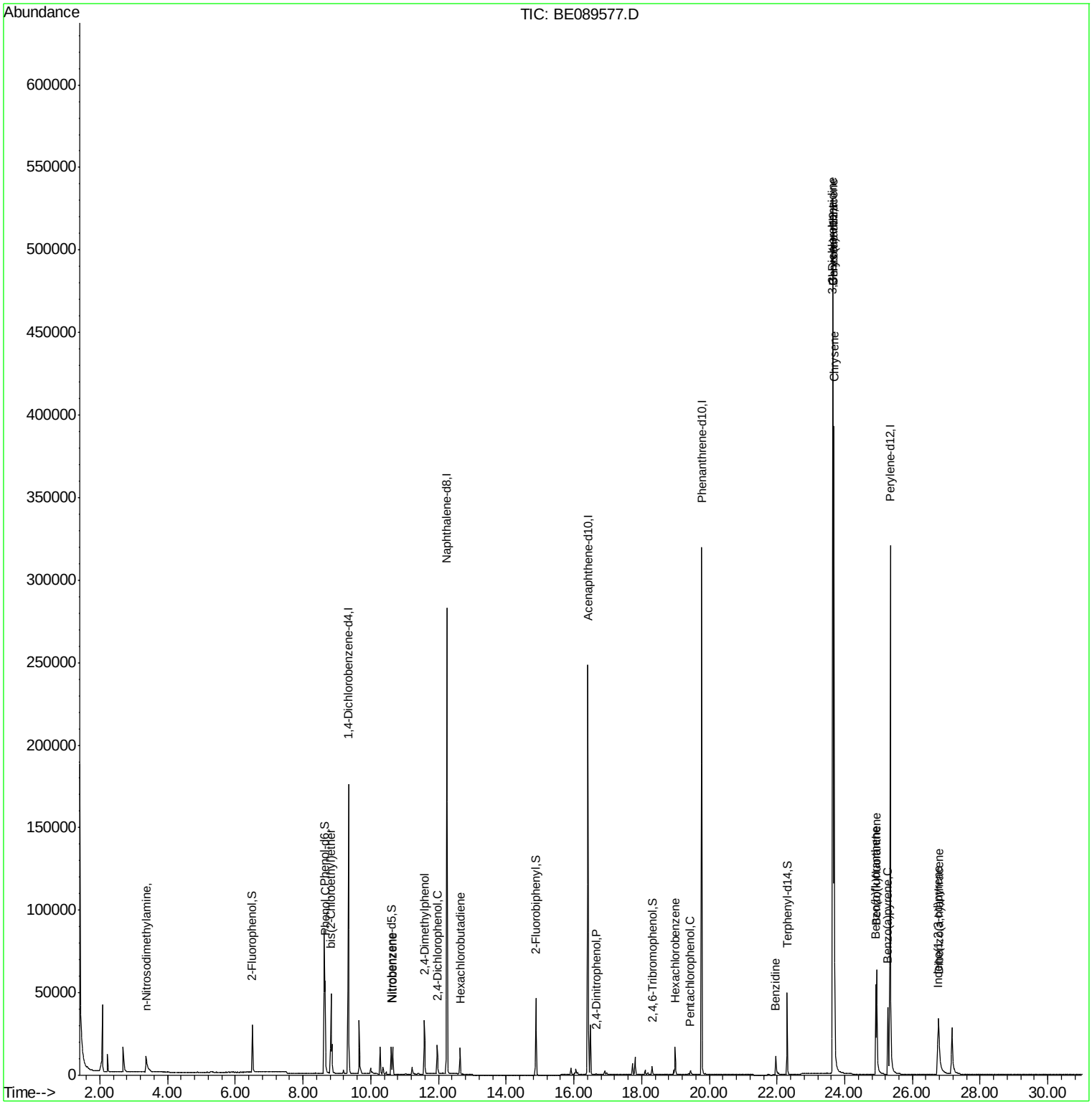
(#) = qualifier out of range (m) = manual integration (+) = signals summed

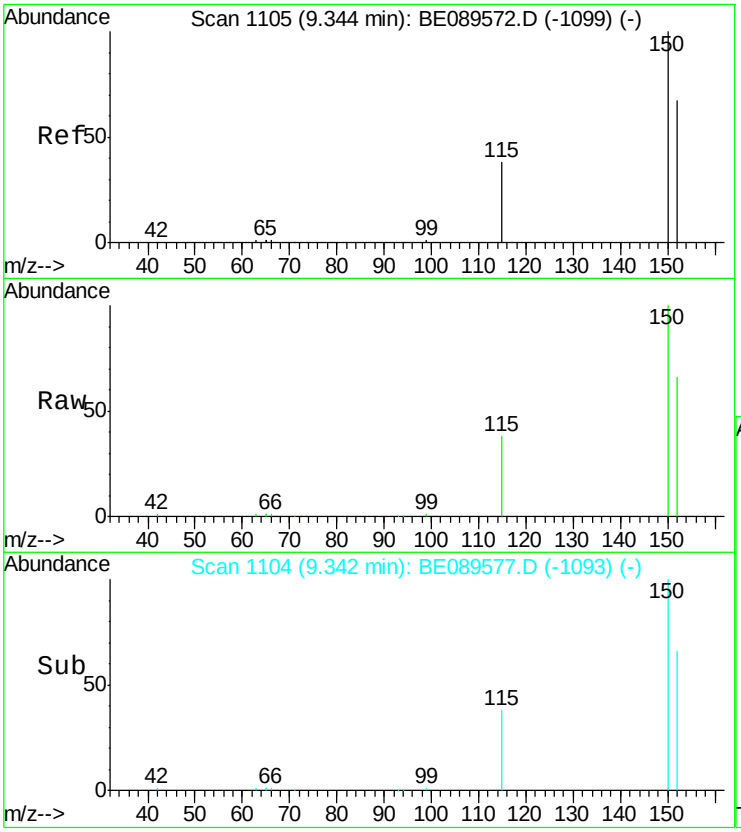
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089577.D
Acq On : 16 Feb 2015 20:25
Operator : TP/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Quant Time: Feb 17 01:43:50 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 17 01:13:47 2015
Response via : Initial Calibration



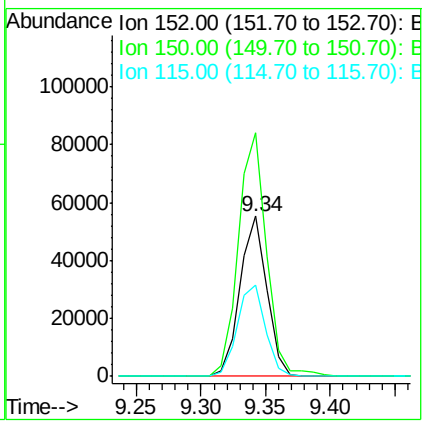


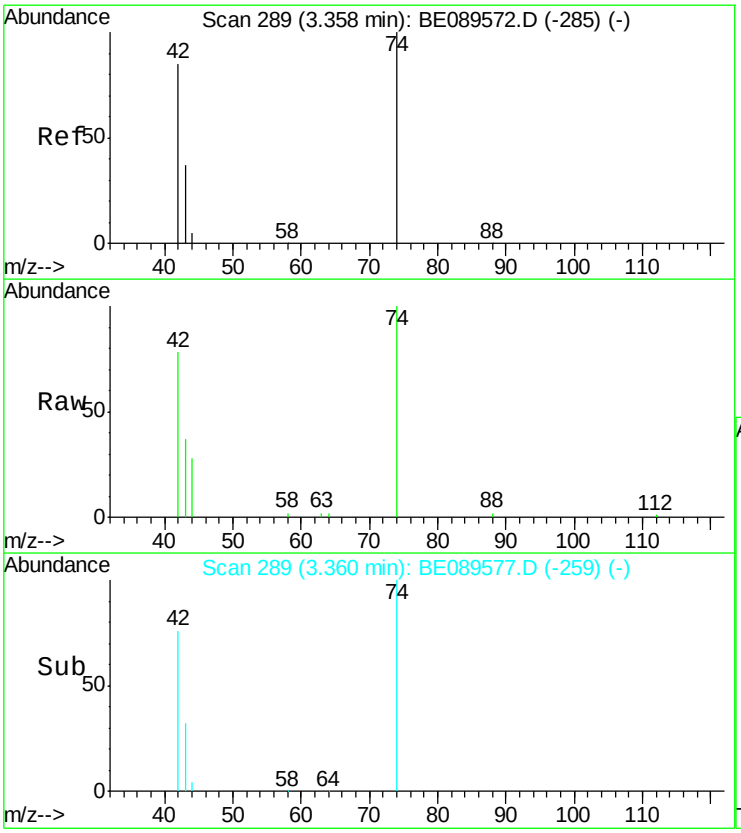
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1104
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:152 Resp: 79494

Ion	Ratio	Lower	Upper
152	100		
150	152.0	120.2	180.2
115	57.1	45.2	67.8

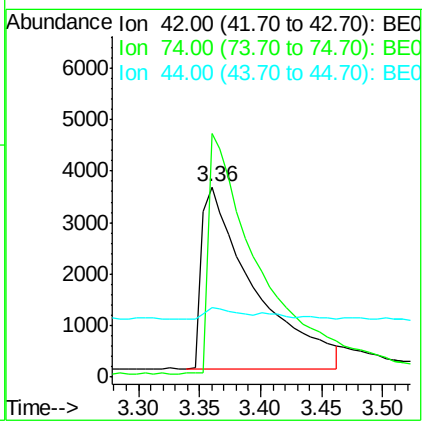


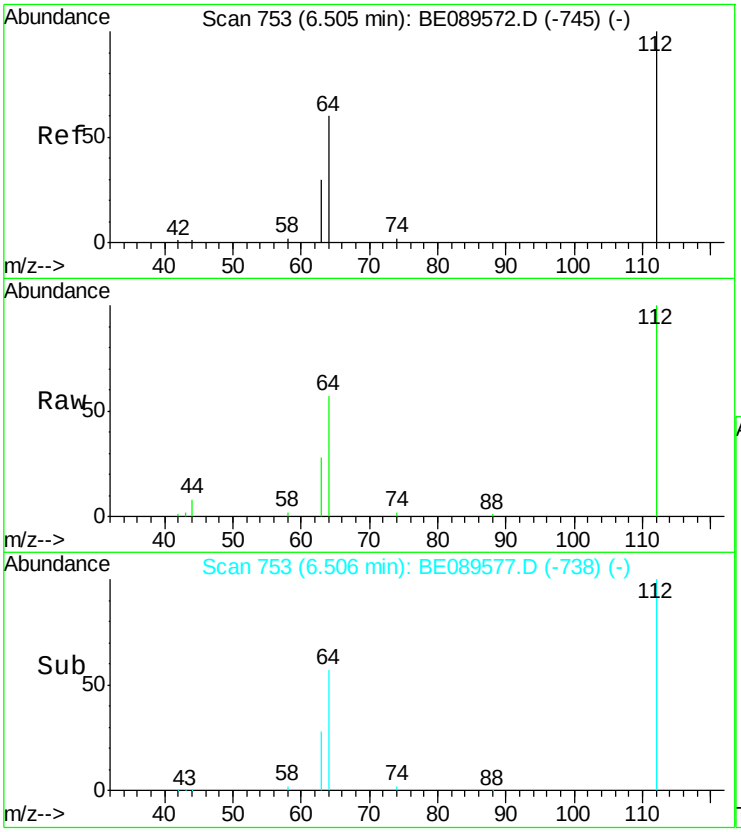


#2
n-Nitrosodimethylamine
Concen: 0.88 ng
RT: 3.36 min Scan# 289
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion: 42 Resp: 10496

Ion	Ratio	Lower	Upper
42	100		
74	127.9	90.1	135.1
44	36.2	35.0	52.4



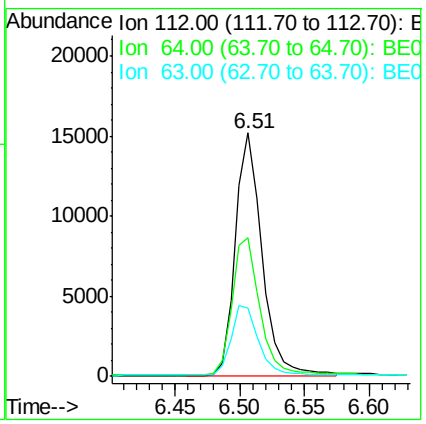


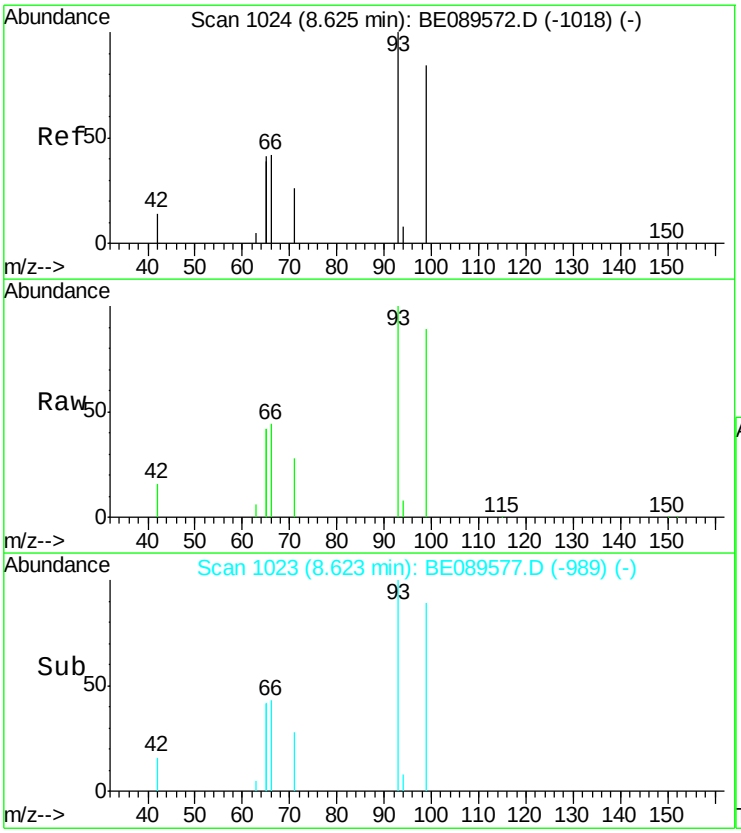
#3
2-Fluorophenol
Concen: 0.96 ng
RT: 6.51 min Scan# 753
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:112 Resp: 21680

Ion	Ratio	Lower	Upper
112	100		
64	57.0	48.6	72.8
63	28.2	24.6	37.0

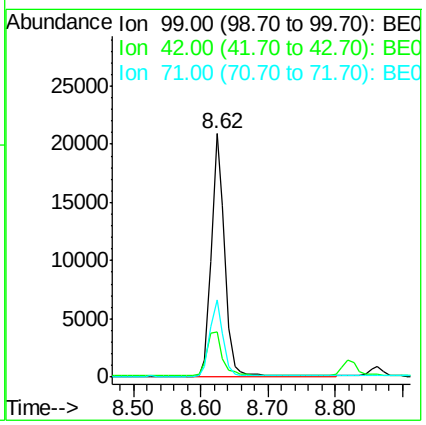


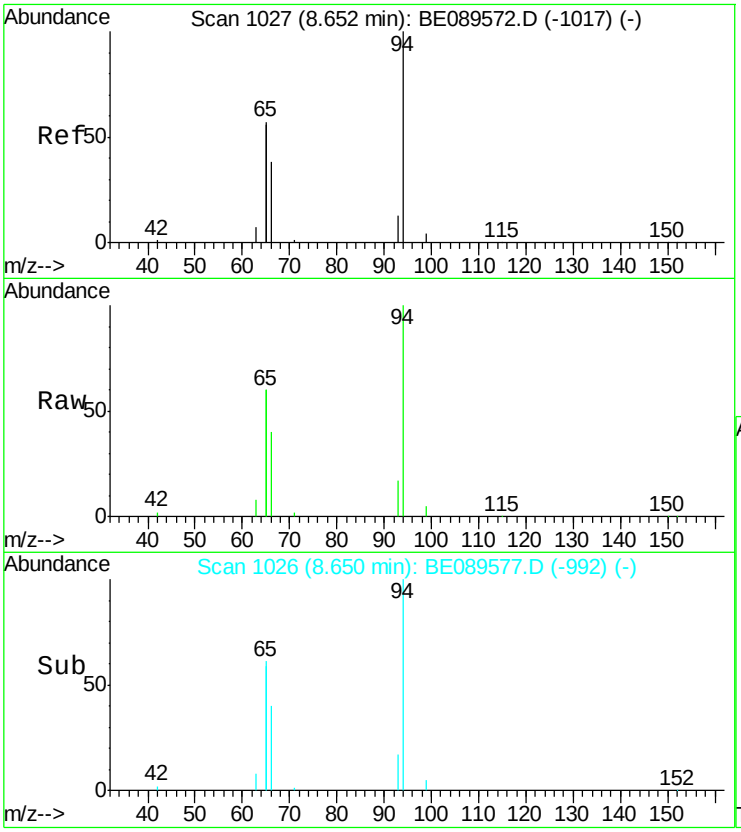


#4
Phenol-d6
Concen: 0.95 ng
RT: 8.62 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion: 99 Resp: 28665

Ion	Ratio	Lower	Upper
99	100		
42	18.4	13.9	20.9
71	31.8	25.2	37.8



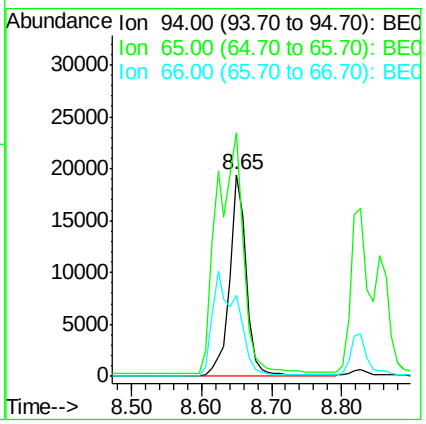


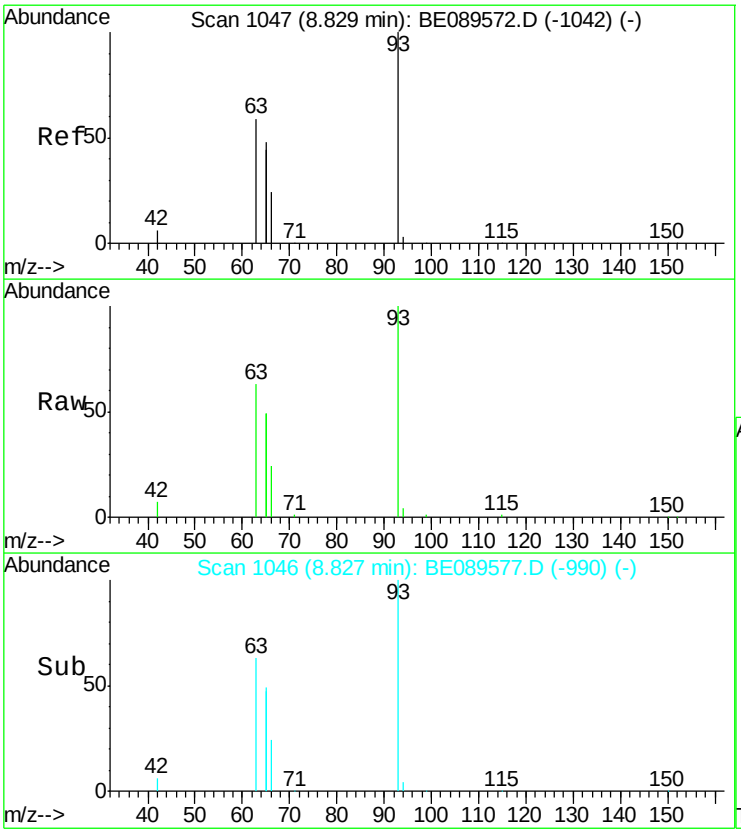
#5
Phenol
Concen: 0.97 ng
RT: 8.65 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion: 94 Resp: 31283

Ion	Ratio	Lower	Upper
94	100		
65	120.6	94.5	134.5
66	40.4	18.2	58.2

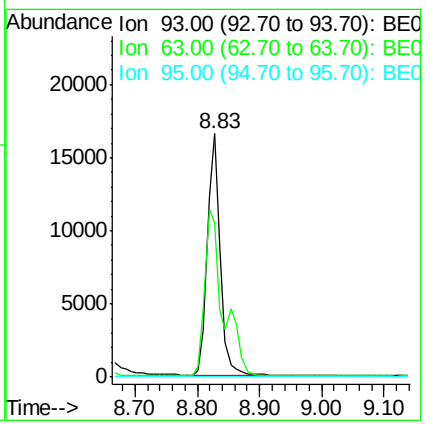


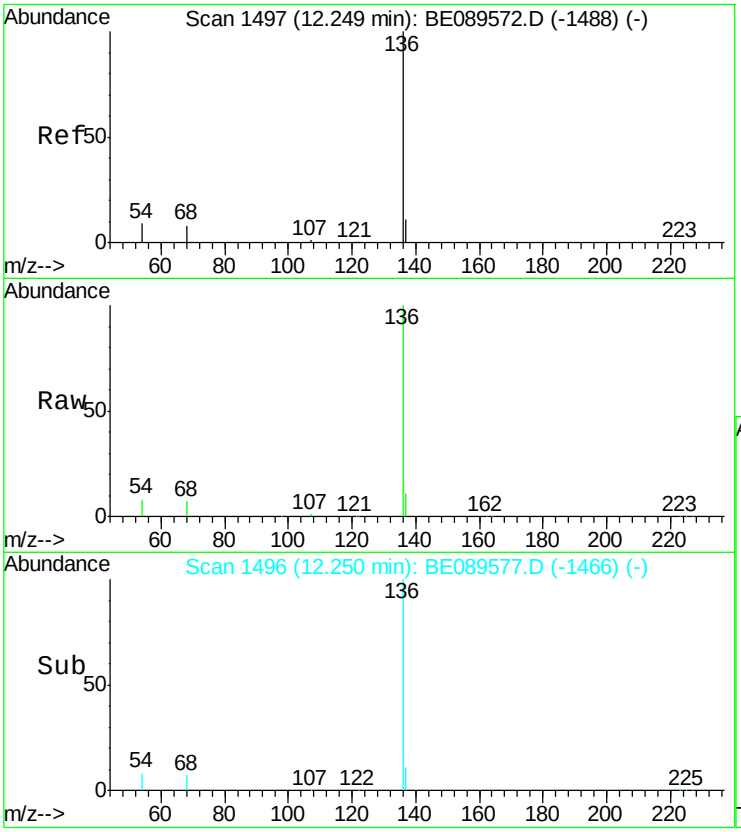


#6
bis(2-Chloroethyl)ether
Concen: 0.99 ng
RT: 8.83 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion: 93 Resp: 24322

Ion	Ratio	Lower	Upper
93	100		
63	98.7	81.7	122.5
95	0.0	0.0	0.0



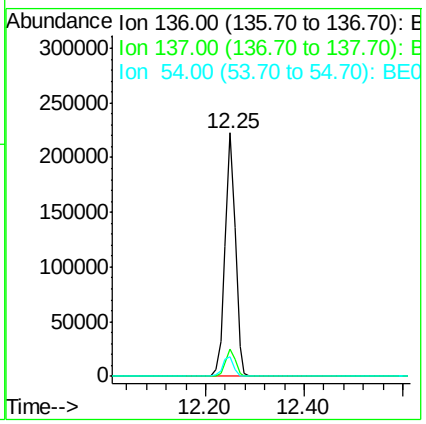


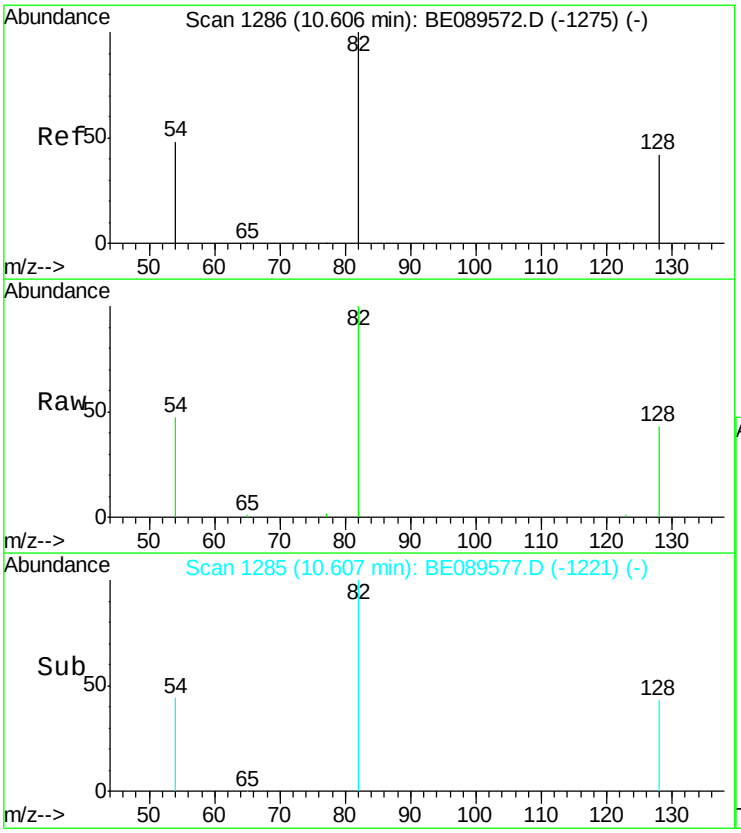
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:136 Resp: 319753

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	7.0	10.4

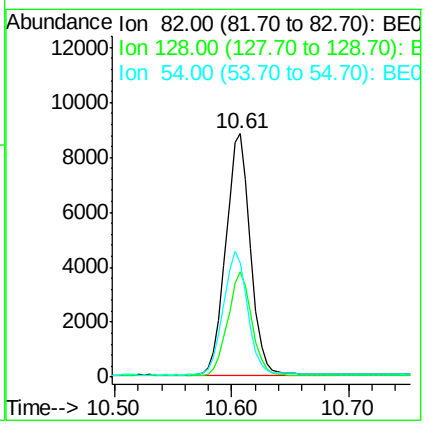


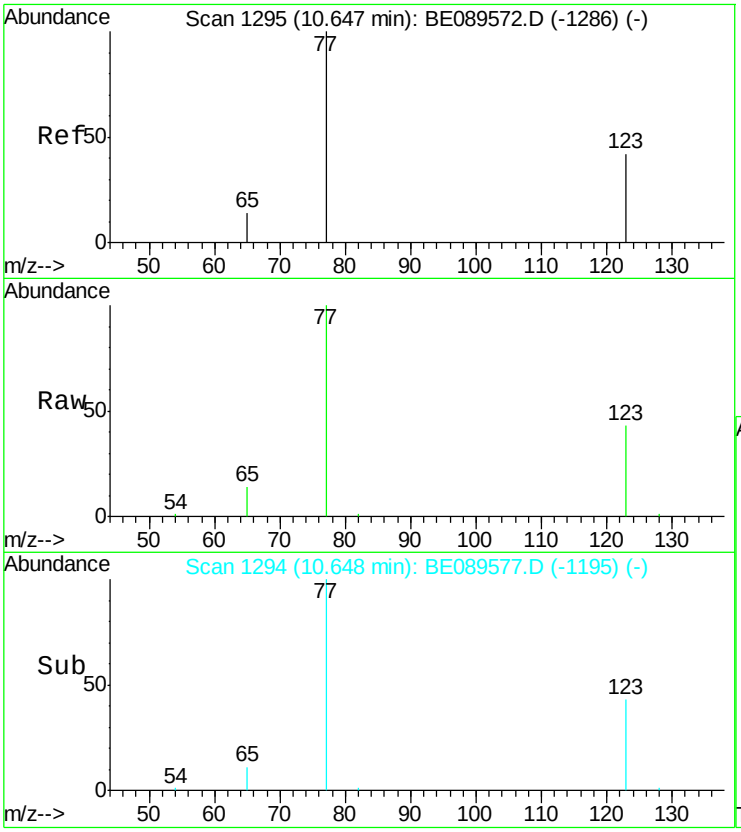


#8
Nitrobenzene-d5
Concen: 0.97 ng
RT: 10.61 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion: 82 Resp: 12810

Ion	Ratio	Lower	Upper
82	100		
128	43.3	33.8	50.6
54	46.8	39.0	58.6



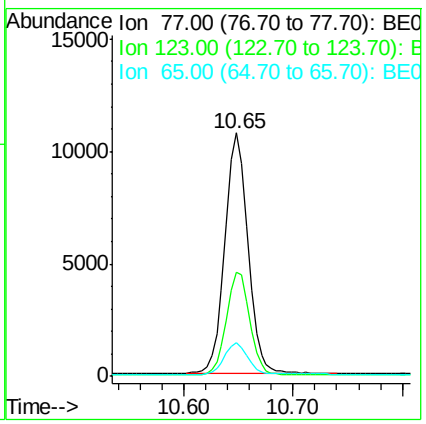


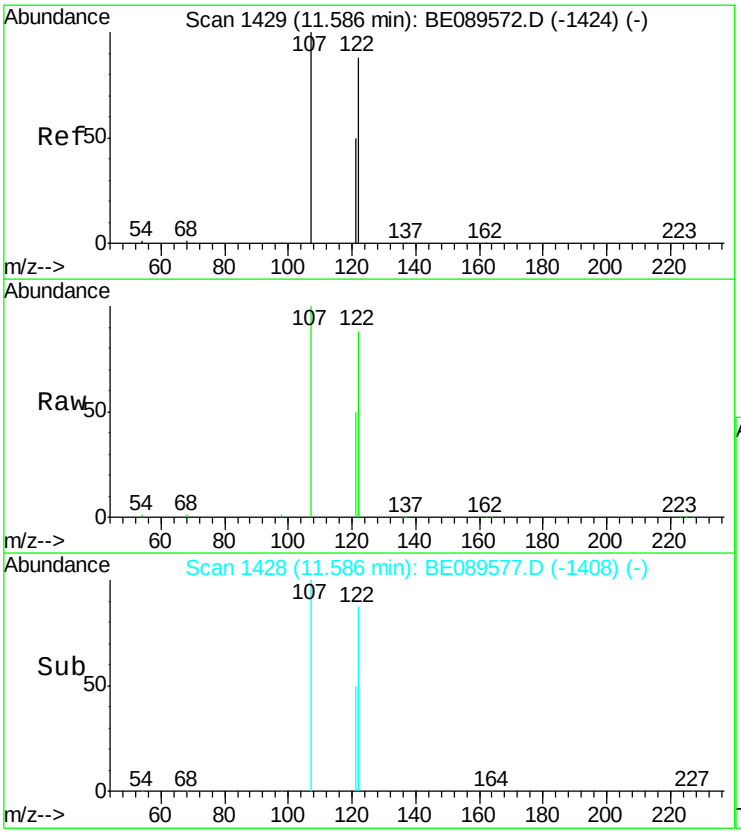
#9
Nitrobenzene
Concen: 0.96 ng
RT: 10.65 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion: 77 Resp: 15478

Ion	Ratio	Lower	Upper
77	100		
123	43.7	34.4	51.6
65	13.7	11.4	17.2

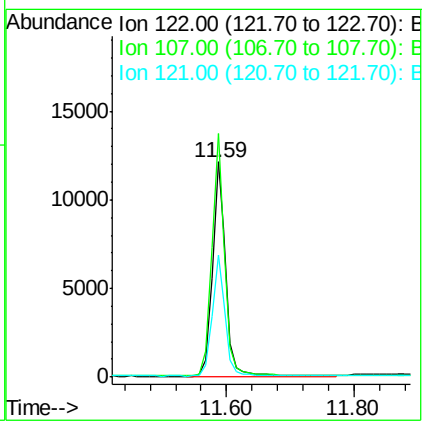


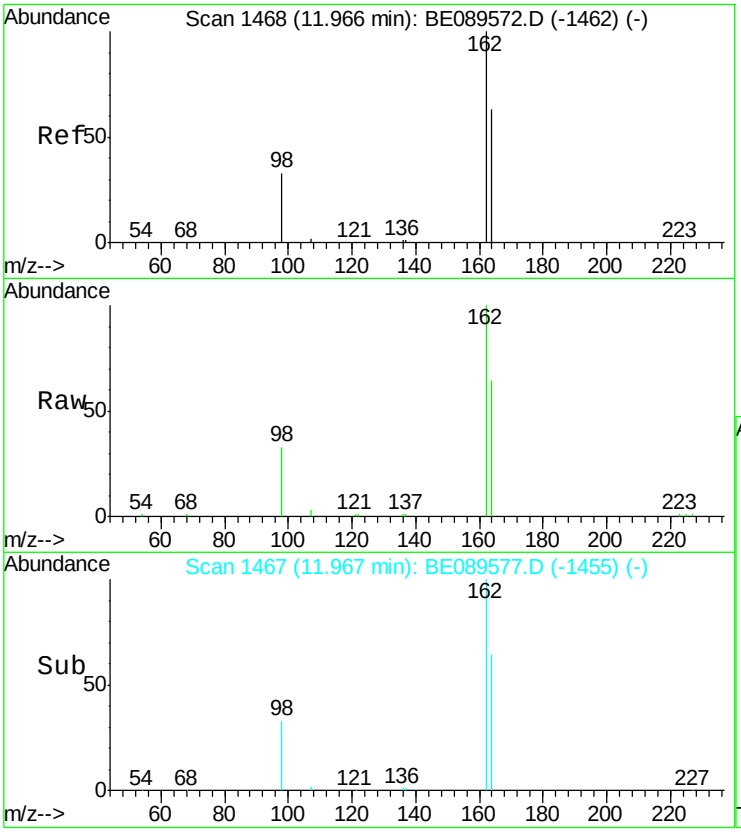


#10
2,4-Dimethylphenol
Concen: 0.97 ng
RT: 11.59 min Scan# 1428
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:122 Resp: 17781

Ion	Ratio	Lower	Upper
122	100		
107	113.2	90.9	136.3
121	56.9	45.4	68.2



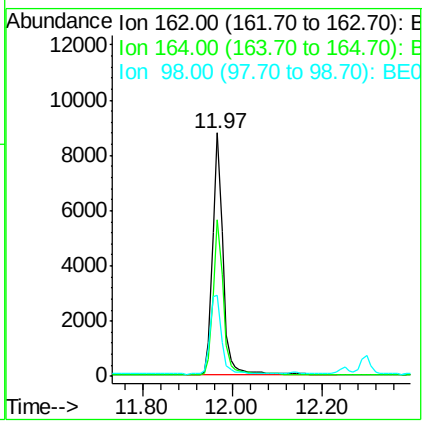


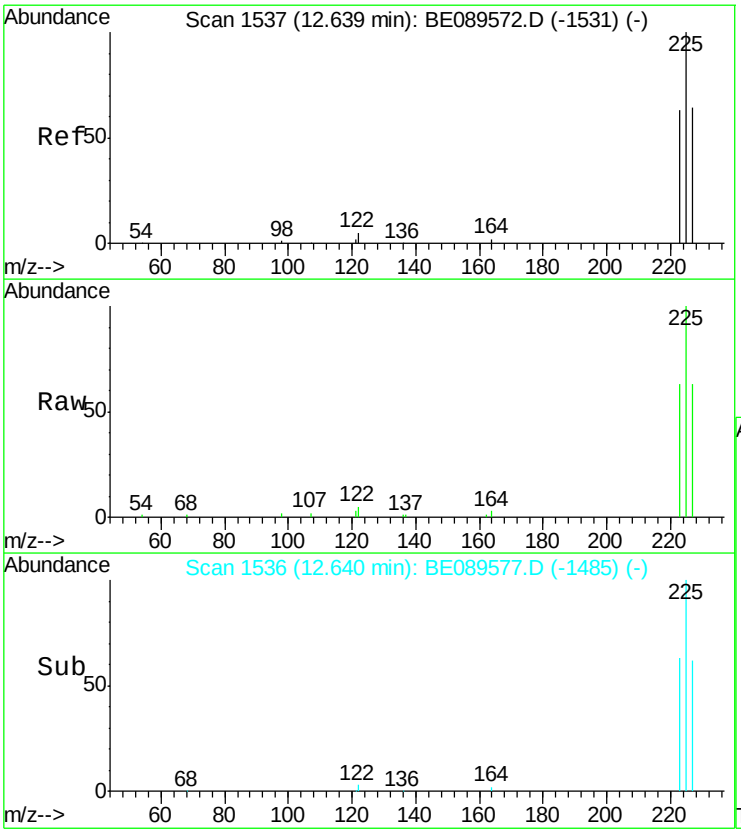
#11
2,4-Dichlorophenol
Concen: 0.98 ng
RT: 11.97 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:162 Resp: 14067

Ion	Ratio	Lower	Upper
162	100		
164	64.2	43.4	83.4
98	33.5	14.6	54.6

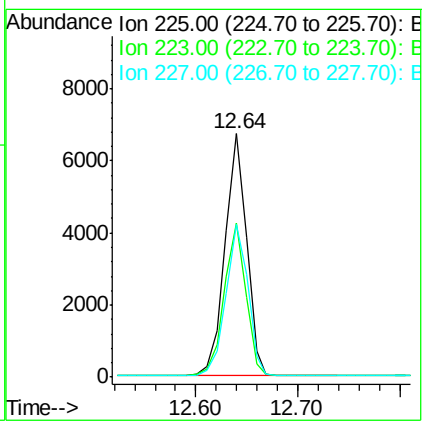


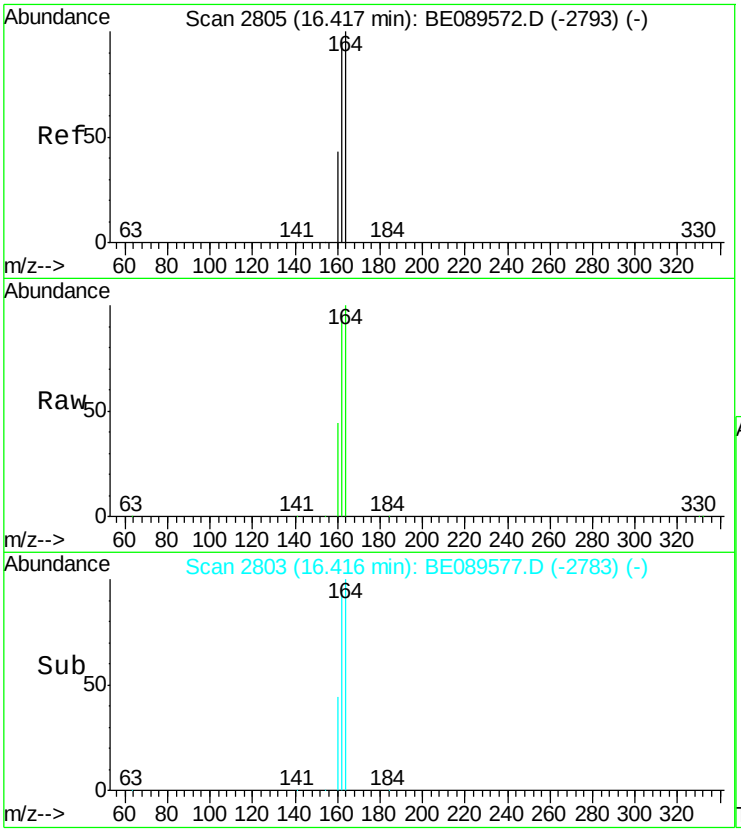


#12
Hexachlorobutadiene
Concen: 1.00 ng
RT: 12.64 min Scan# 1536
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:225 Resp: 9816

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.4	75.6
227	64.0	51.0	76.6



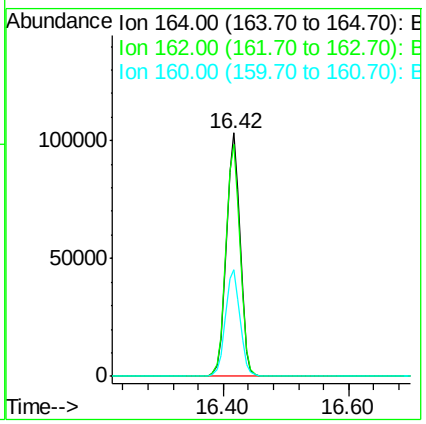


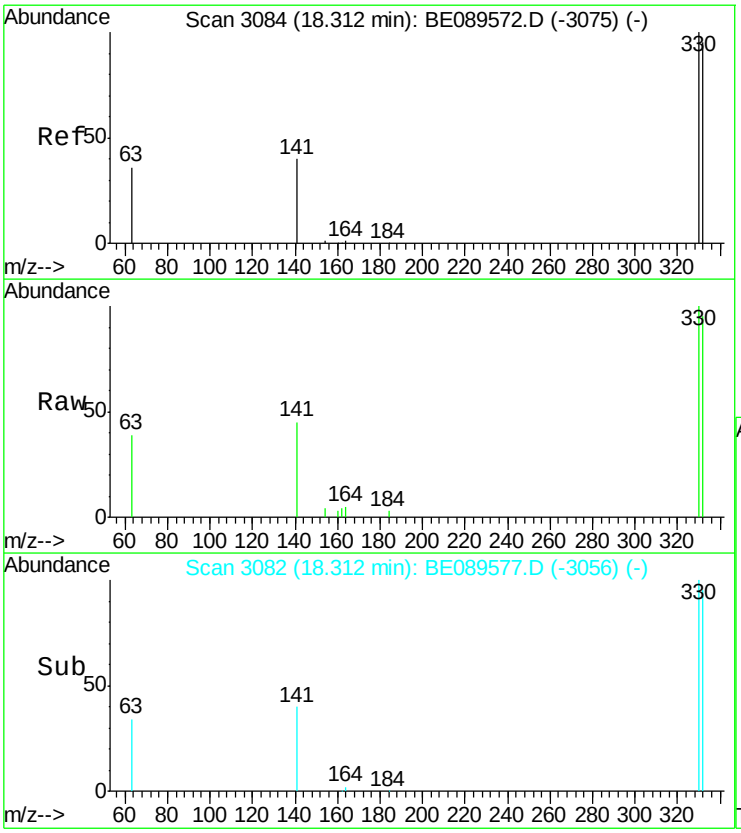
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2803
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:164 Resp: 157601

Ion	Ratio	Lower	Upper
164	100		
162	95.6	76.2	114.4
160	44.0	34.7	52.1

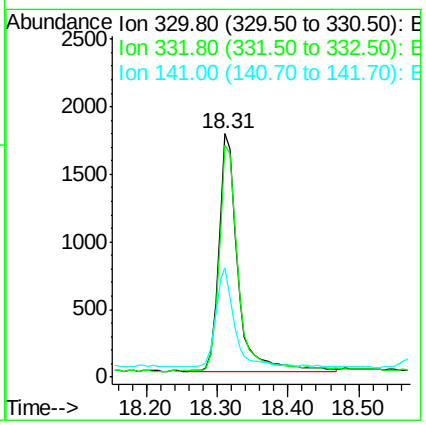


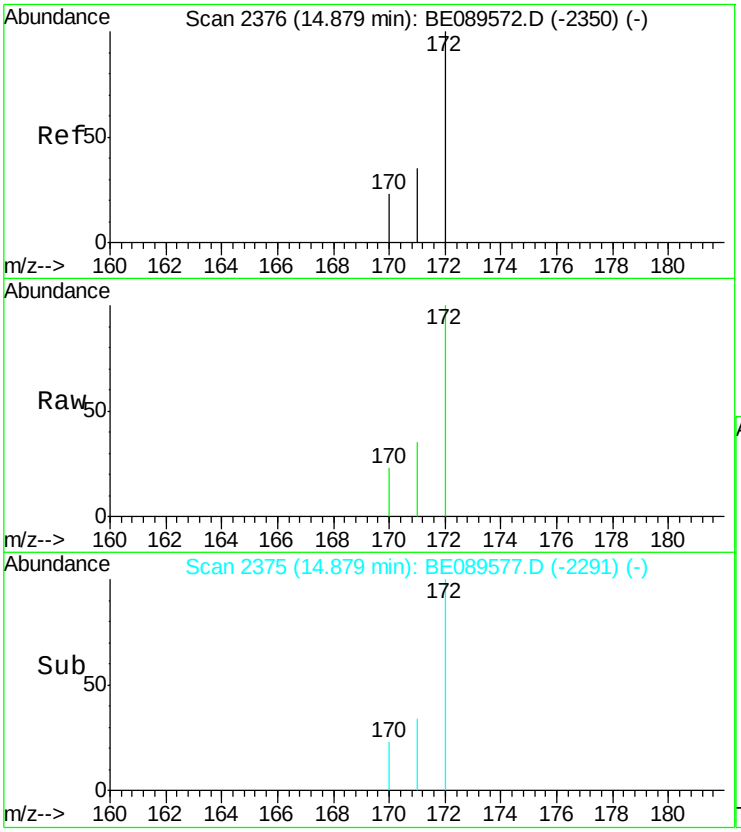


#14
2,4,6-Tribromophenol
Concen: 0.94 ng
RT: 18.31 min Scan# 3082
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:330 Resp: 3273

Ion	Ratio	Lower	Upper
330	100		
332	97.9	78.3	117.5
141	40.7	33.4	50.0



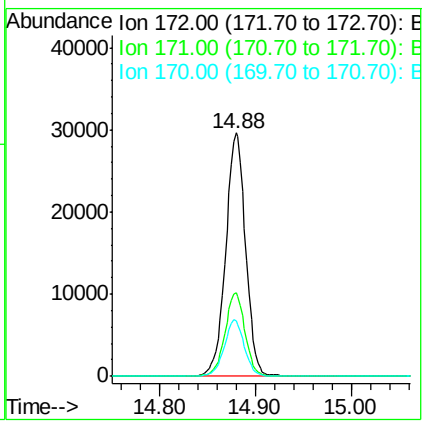


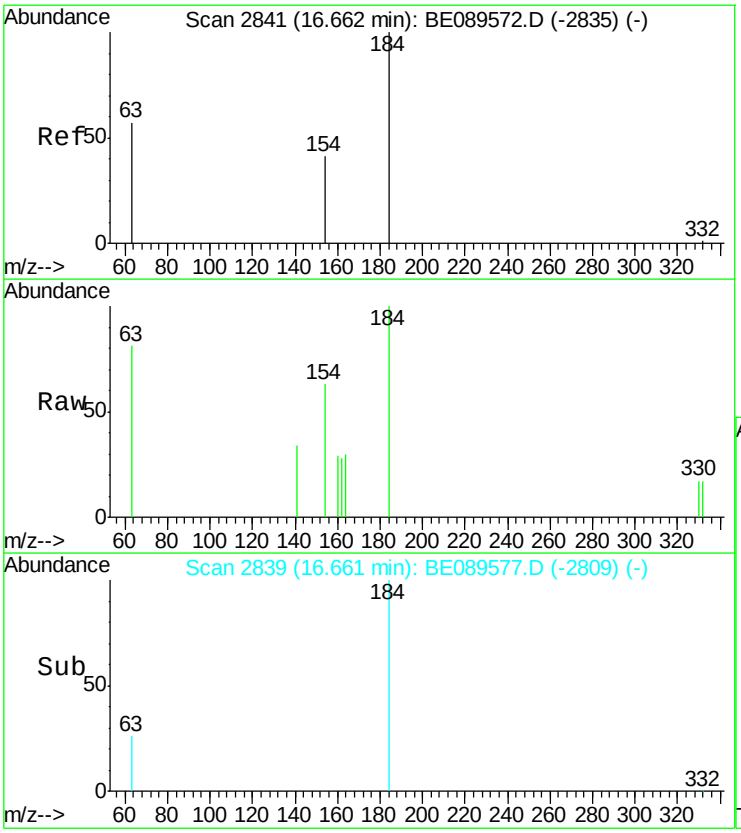
#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 14.88 min Scan# 2375
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:172 Resp: 42598

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	22.8	18.5	27.7

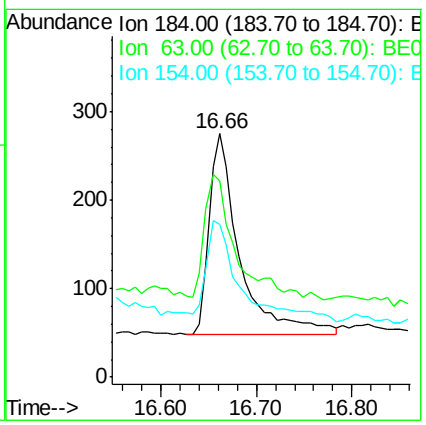


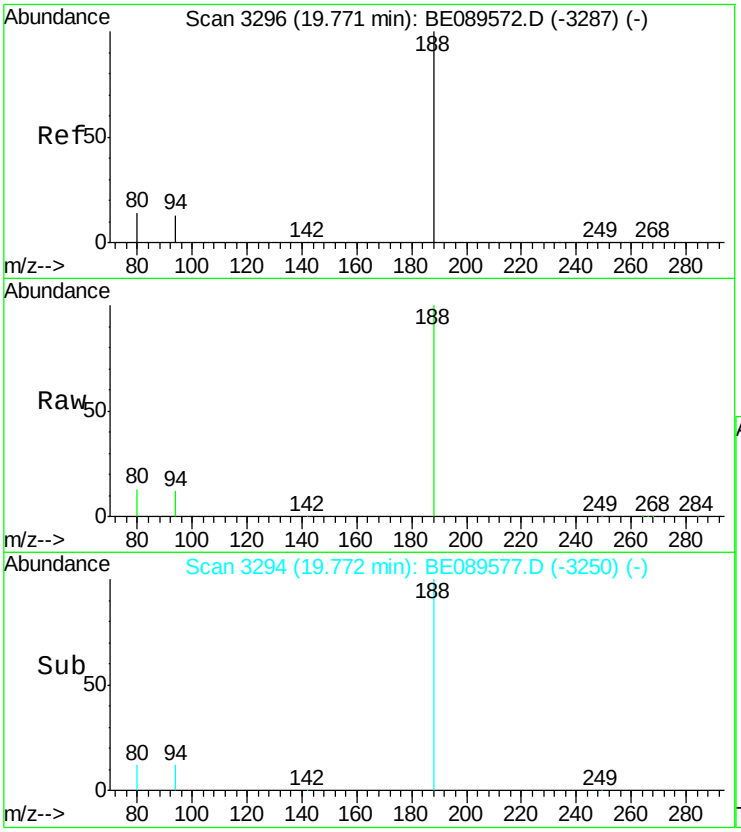


#16
2,4-Dinitrophenol
Concen: 1.14 ng
RT: 16.66 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:184 Resp: 491

Ion	Ratio	Lower	Upper
184	100		
63	80.7	70.8	106.2
154	62.9	52.9	79.3



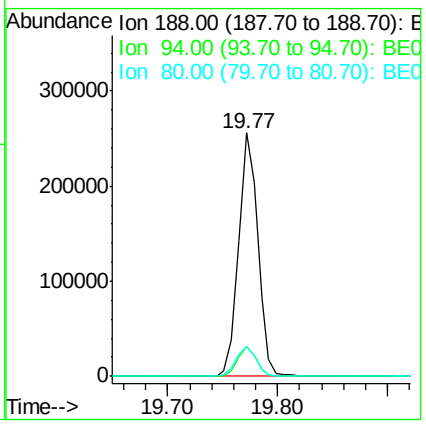


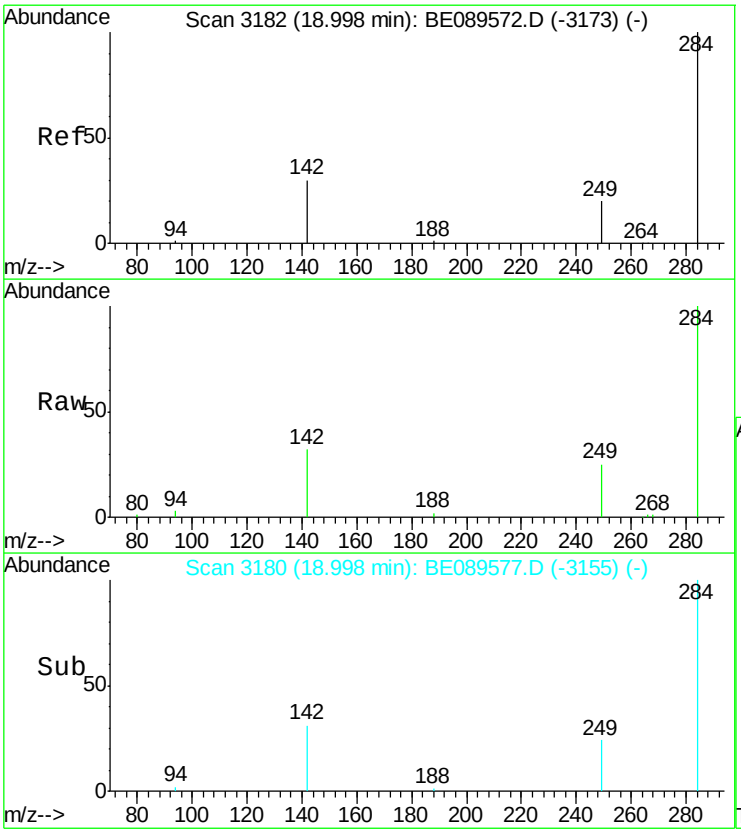
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3294
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:188 Resp: 307289

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.2	15.4
80	12.5	11.0	16.6

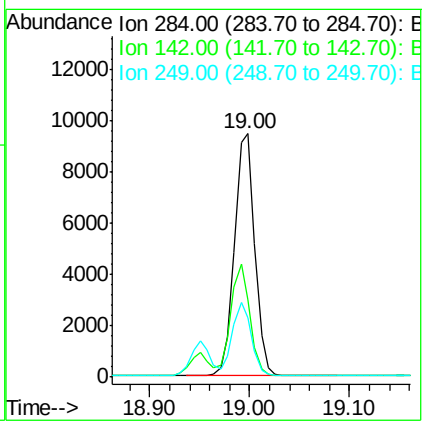


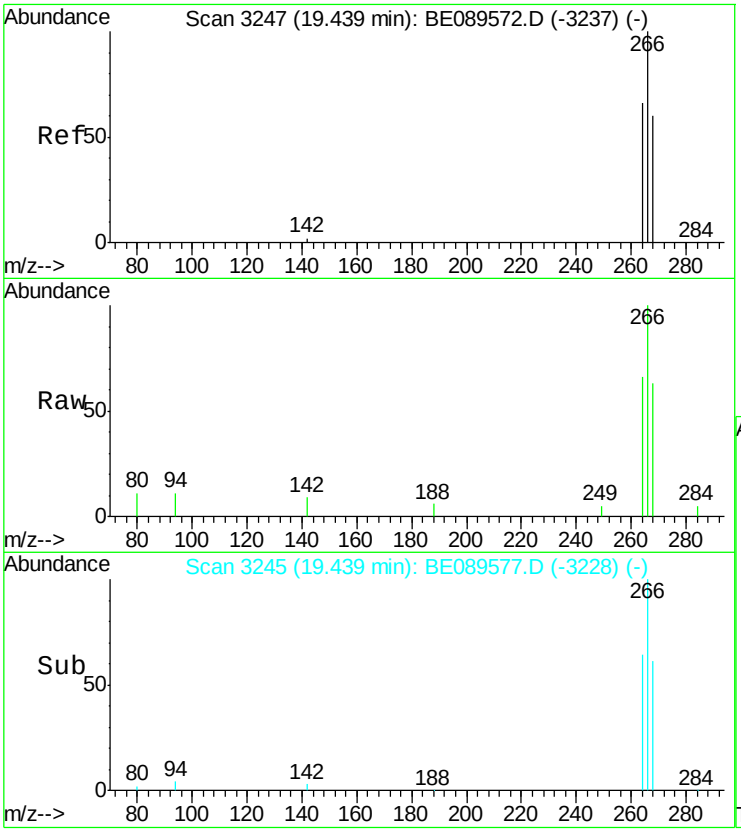


#18
Hexachlorobenzene
Concen: 1.02 ng
RT: 19.00 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:284 Resp: 13197

Ion	Ratio	Lower	Upper
284	100		
142	31.9	27.6	41.4
249	24.5	20.0	30.0



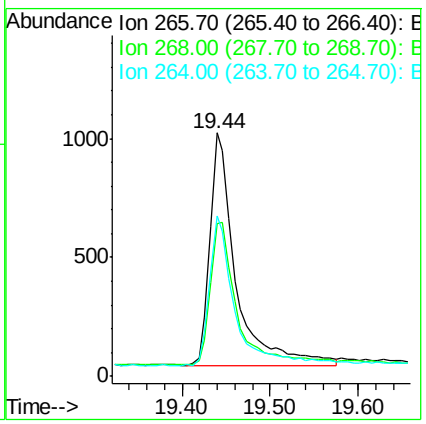


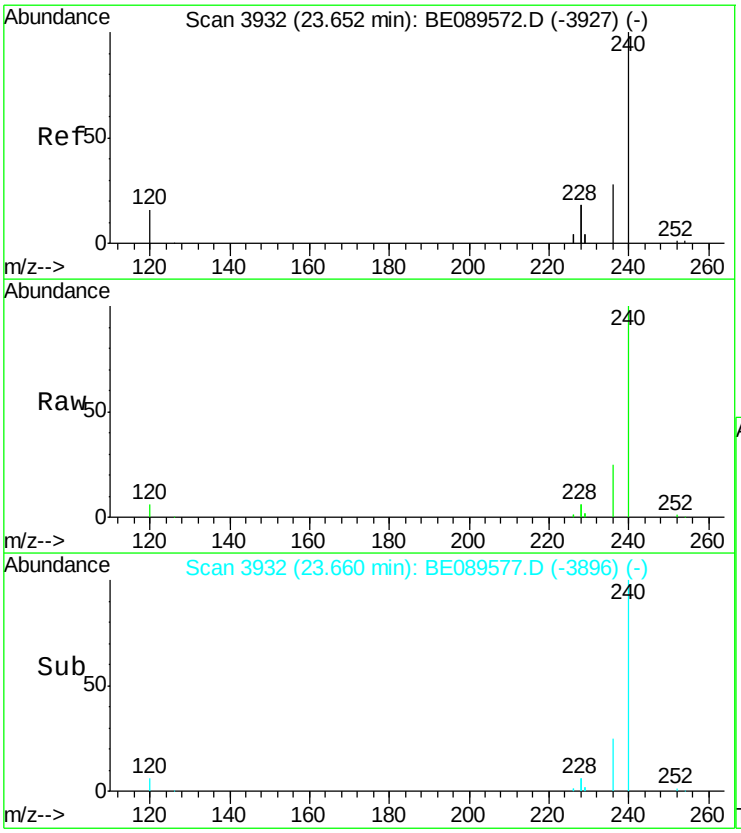
#19
Pentachlorophenol
Concen: 0.91 ng
RT: 19.44 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:266 Resp: 2011

Ion	Ratio	Lower	Upper
266	100		
268	62.5	50.2	75.4
264	65.8	54.4	81.6

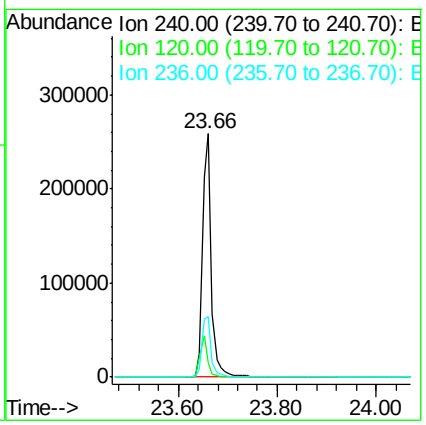


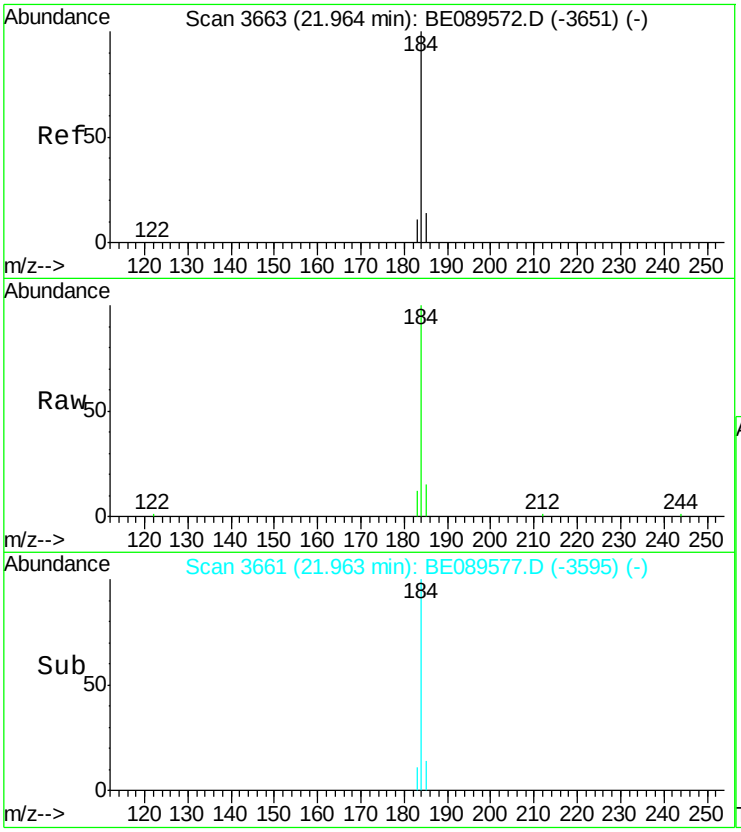


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3932
Delta R.T. 0.01 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:240 Resp: 317813

Ion	Ratio	Lower	Upper
240	100		
120	5.9	12.7	19.1#
236	24.8	22.7	34.1



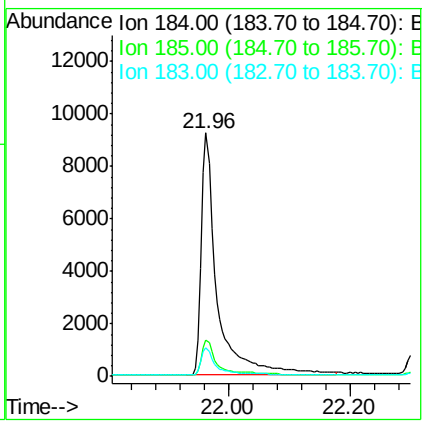


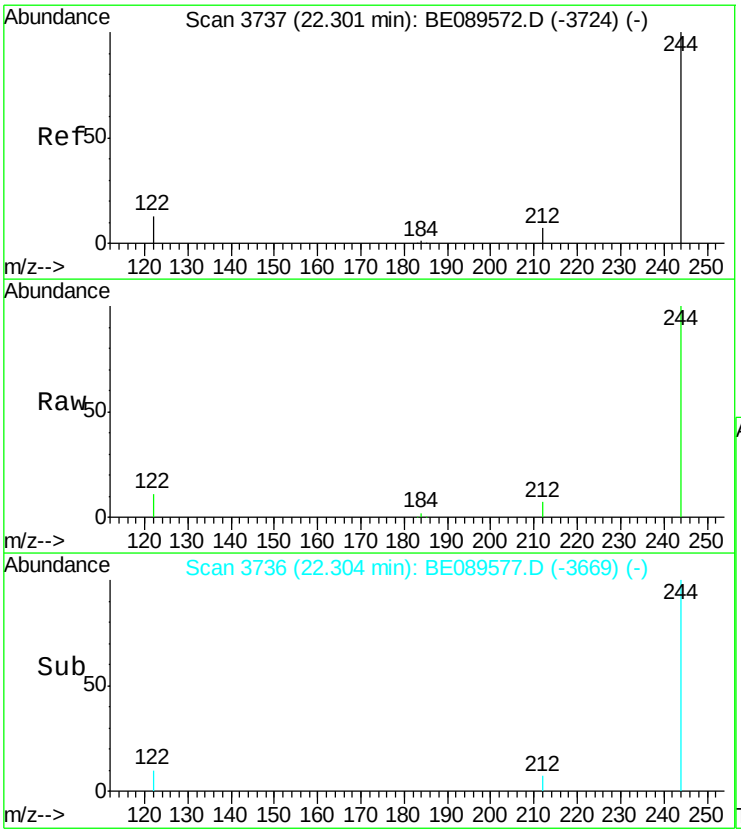
#21
Benzidine
Concen: 0.69 ng
RT: 21.96 min Scan# 3661
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:184 Resp: 16785

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.7	17.5
183	11.6	8.9	13.3

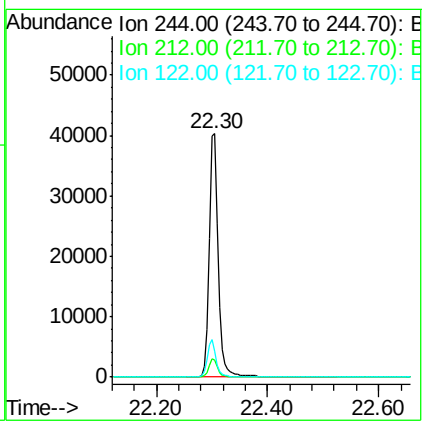


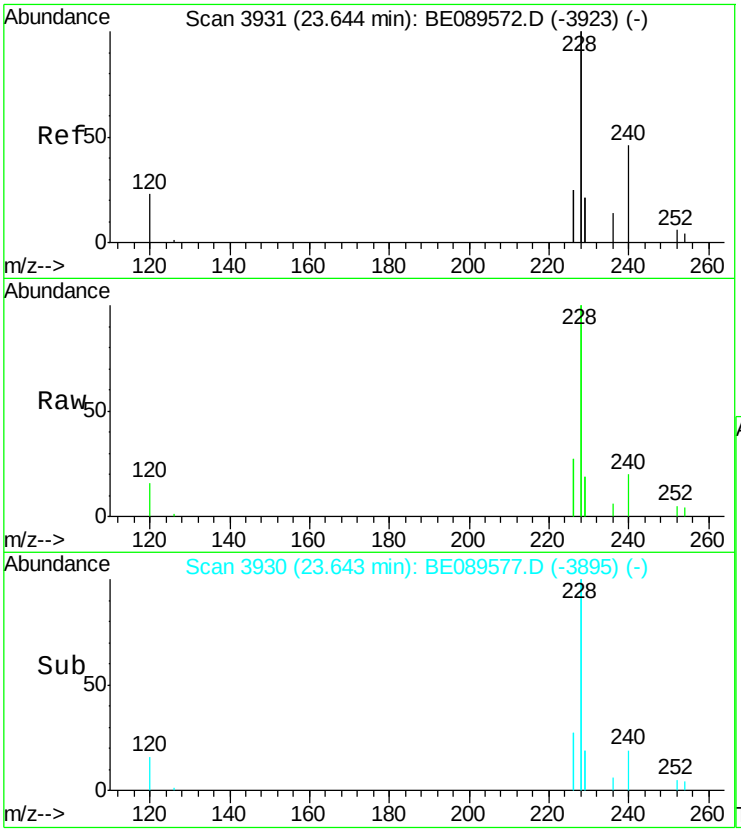


#22
Terphenyl-d14
Concen: 1.03 ng
RT: 22.30 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:244 Resp: 44501

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	10.5	10.2	15.2



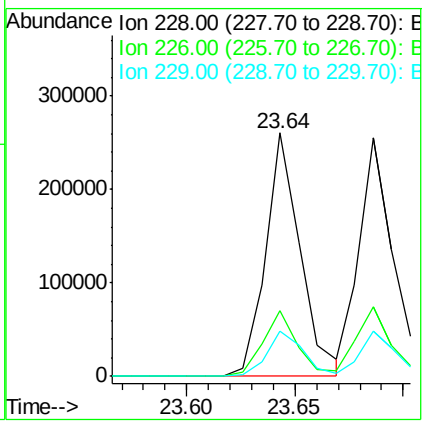


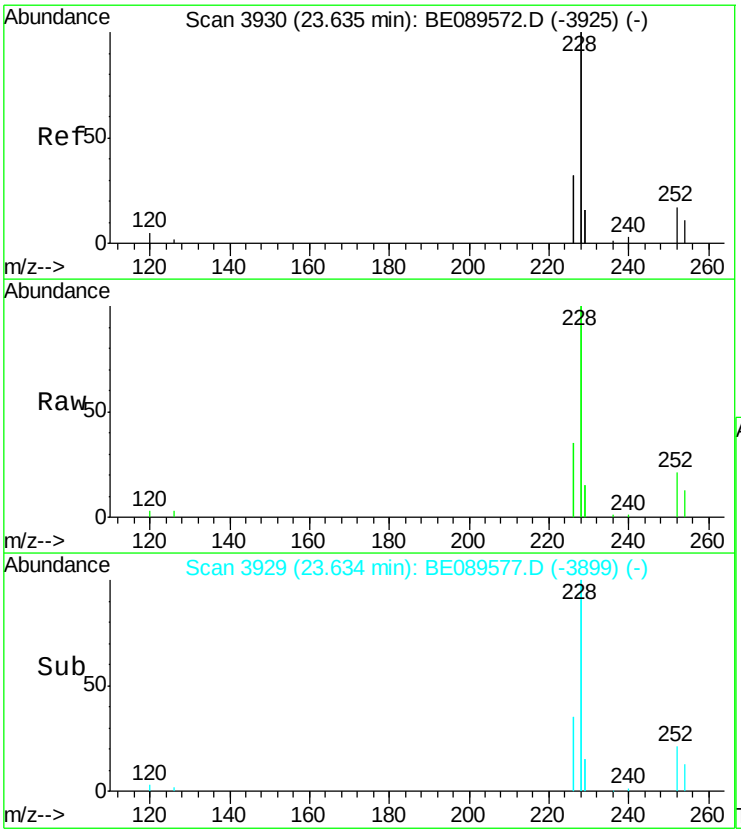
#23
Benzo(a)anthracene
Concen: 0.95 ng
RT: 23.64 min Scan# 3930
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:228 Resp: 289785

Ion	Ratio	Lower	Upper
228	100		
226	26.9	19.9	29.9
229	18.7	16.6	24.8

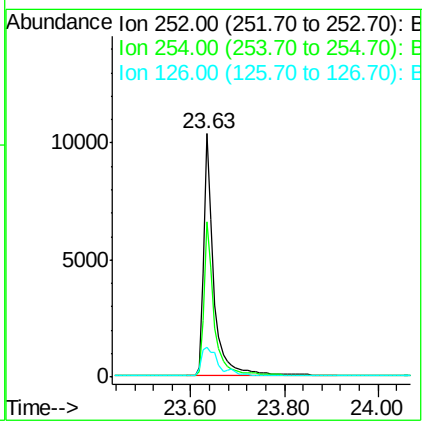


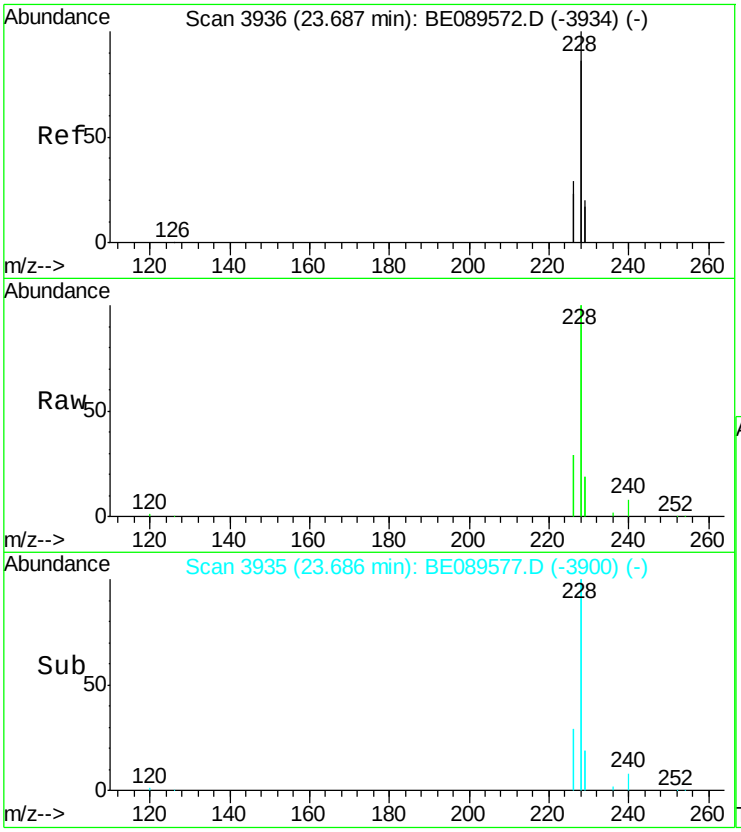


#24
3,3'-Dichlorobenzidine
Concen: 0.77 ng
RT: 23.63 min Scan# 3929
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:252 Resp: 16179

Ion	Ratio	Lower	Upper
252	100		
254	63.7	51.0	76.4
126	12.0	8.3	12.5



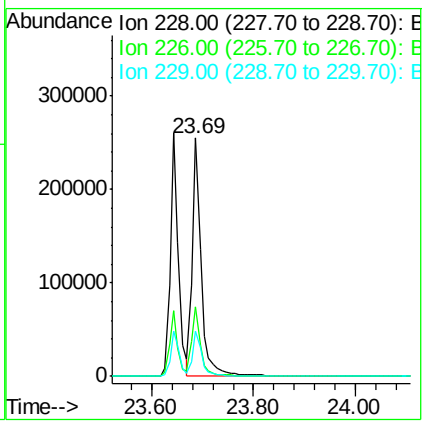


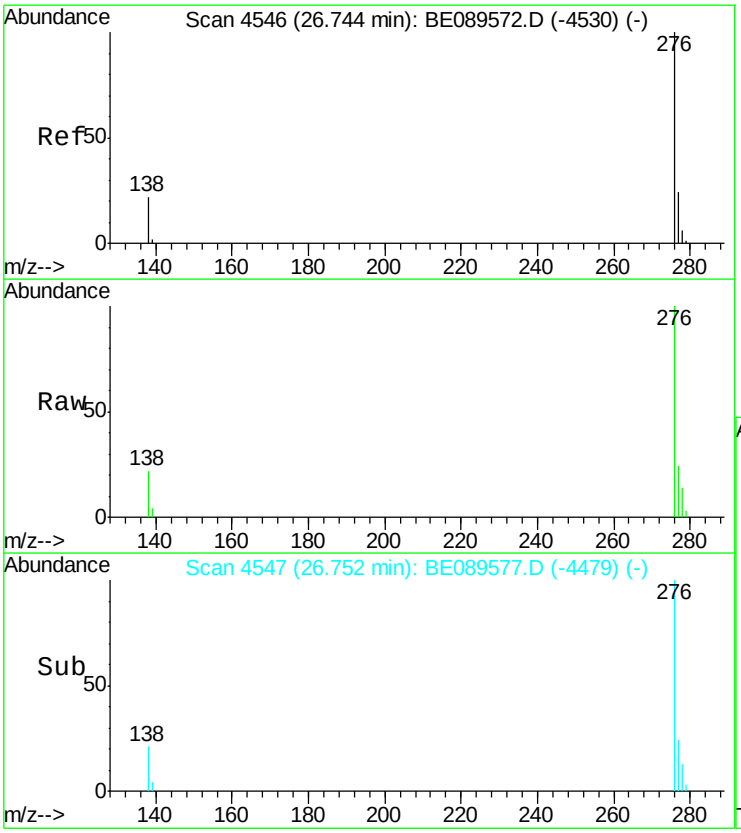
#25
Chrysene
Concen: 1.01 ng
RT: 23.69 min Scan# 3935
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:228 Resp: 308803

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	19.2	15.8	23.6

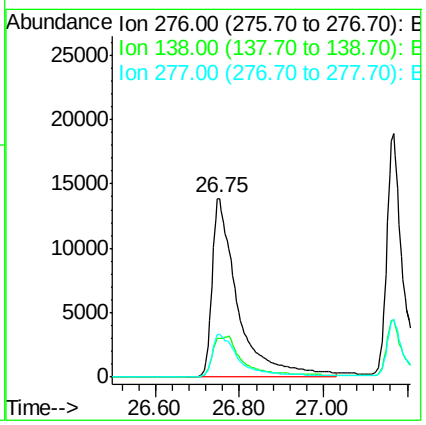


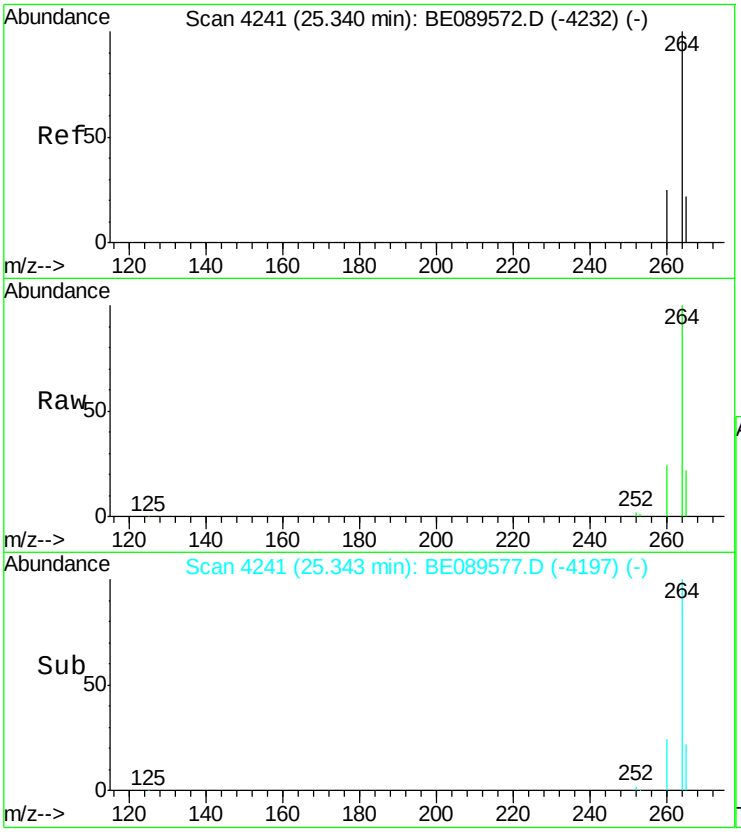


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.78 ng
RT: 26.75 min Scan# 4547
Delta R.T. 0.01 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:276 Resp: 58320

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.1	33.1#
277	24.7	19.4	29.2



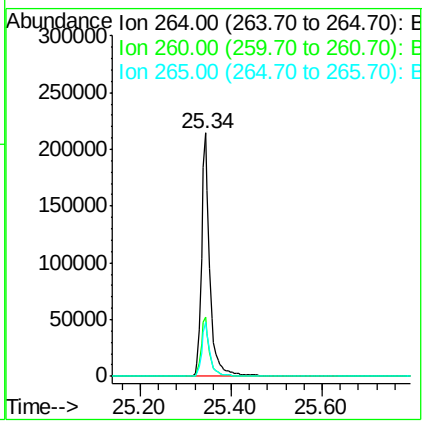


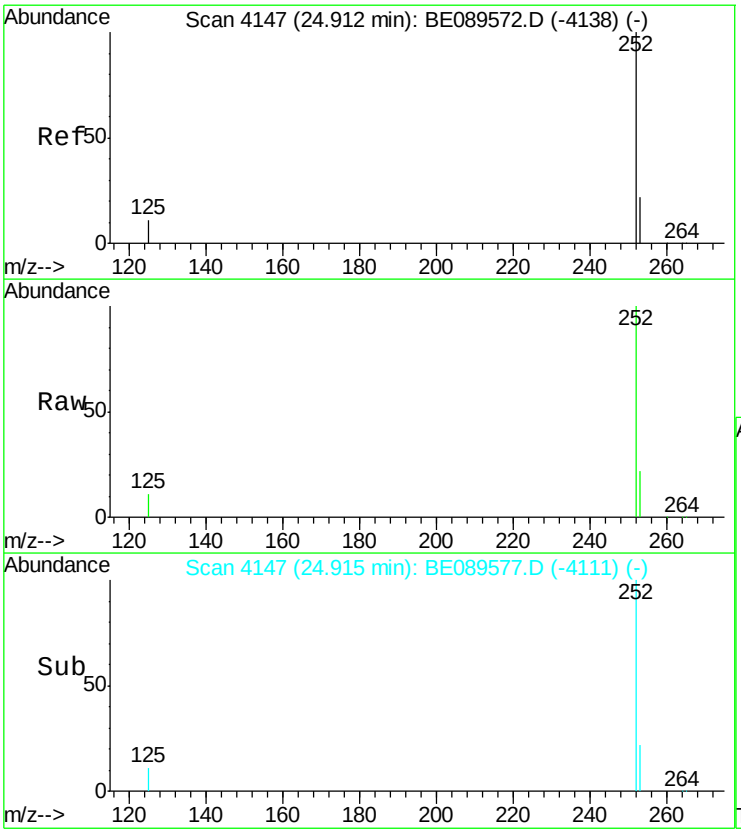
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4241
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:264 Resp: 274710

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	22.1	17.5	26.3

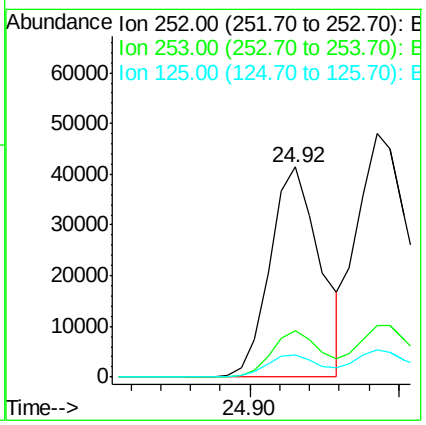


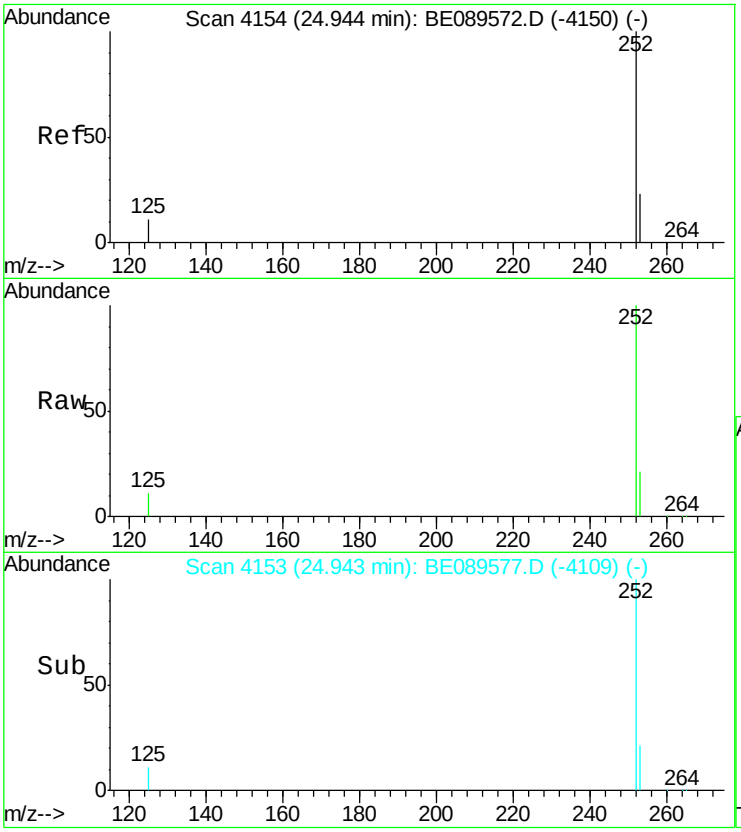


#28
Benzo(b)fluoranthene
Concen: 0.84 ng
RT: 24.92 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:252 Resp: 48360

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.9	9.0	13.4



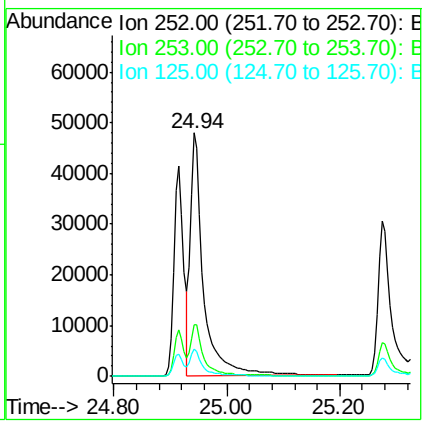


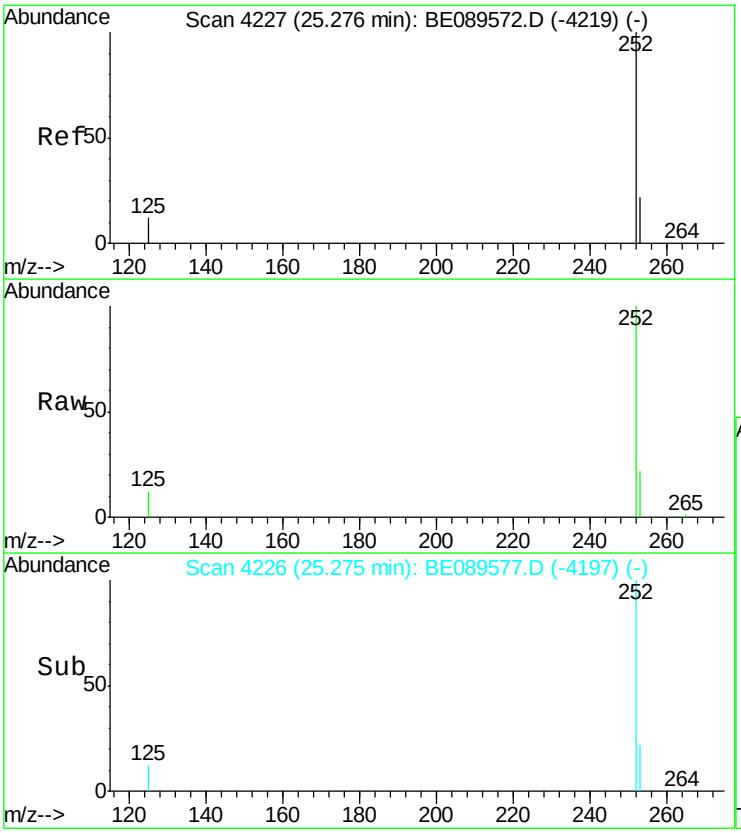
#29
Benzo(k)fluoranthene
Concen: 1.06 ng
RT: 24.94 min Scan# 4153
Delta R.T. -0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:252 Resp: 78129

Ion	Ratio	Lower	Upper
252	100		
253	21.3	18.2	27.2
125	11.2	8.9	13.3

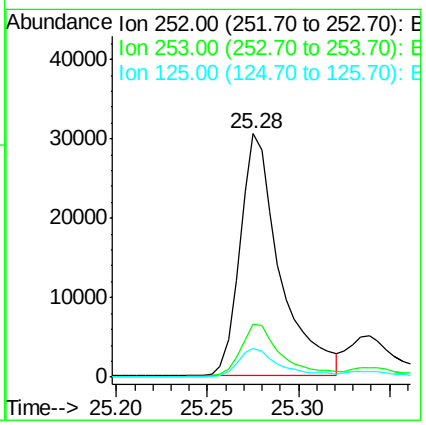


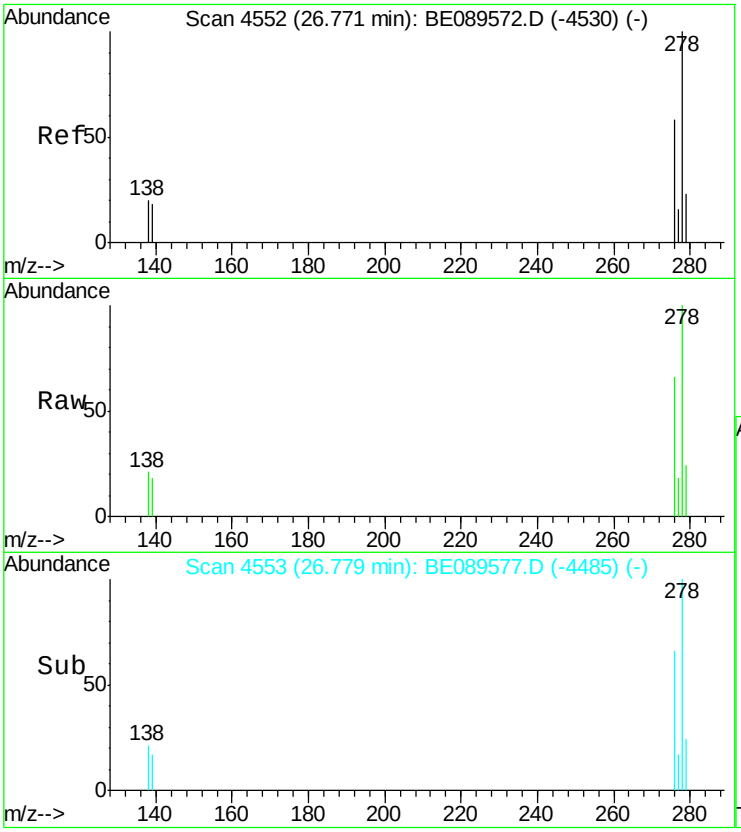


#30
Benzo(a)pyrene
Concen: 0.85 ng
RT: 25.28 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Tgt Ion:252 Resp: 46475

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	12.0	9.5	14.3





#31
Dibenzo(a,h)anthracene
Concen: 0.82 ng
RT: 26.78 min Scan# 4553
Delta R.T. 0.01 min
Lab File: BE089577.D
Acq: 16 Feb 2015 20:25

Instrument :
BNA_E
ClientSampleId :
ICVBE021615

Tgt Ion:278 Resp: 45391

Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.7	22.1
279	24.1	19.0	28.4