Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089572.D
Acq On : 16 Feb 2015 16:27
Operator : TP/IZ
Sample : SSTDICC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
LabSampleId : SSTDICCC001

Quant Time: Feb 16 17:18:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 17:05:37 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	78602	5.00	ng		0.00
7) Naphthalene-d8	12.25	136	312599	5.00	ng		0.00
13) Acenaphthene-d10	16.42	164	144642	5.00	ng		0.00
17) Phenanthrene-d10	19.77	188	273646	5.00	ng		0.00
20) Chrysene-d12	23.65	240	310751	5.00	ng		0.00
27) Perylene-d12	25.34	264	294110	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	22675	0.87	ng		0.00
4) Phenol-d6	8.63	99	29913	0.92	ng		0.00
8) Nitrobenzene-d5	10.61	82	12705	0.54	ng		0.00
14) 2,4,6-Tribromophenol	18.31	330	3080	1.07	ng		0.00
15) 2-Fluorobiphenyl	14.88	172	40391	0.89	ng		0.00
22) Terphenyl-d14	22.30	244	42294	1.43	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.36	42	9605	0.73	ng	#	86
5) Phenol	8.65	94	32522	1.00	ng	#	34
6) bis(2-Chloroethyl)ether	8.83	93	24640	1.01	ng	#	100
9) Nitrobenzene	10.65	77	14968	0.57	ng	#	100
10) 2,4-Dimethylphenol	11.59	122	18435	0.84	ng		96
11) 2,4-Dichlorophenol	11.97	162	14431	0.92	ng		96
12) Hexachlorobutadiene	12.64	225	9672	0.95	ng	#	100
16) 2,4-Dinitrophenol	16.66	184	374	0.38	ng	#	81
18) Hexachlorobenzene	19.00	284	11770	0.87	ng	#	86
19) Pentachlorophenol	19.44	266	1818	0.72	ng		97
21) Benzidine	21.96	184	25184	0.98	ng		100
23) Benzo(a)anthracene	23.64	228	303353	1.38	ng		95
24) 3,3'-Dichlorobenzidine	23.64	252	20597	0.98	ng		99
25) Chrysene	23.69	228	297623	0.82	ng		92
26) Indeno(1,2,3-cd)pyrene	26.74	276	74074	0.43	ng	#	100
28) Benzo(b)fluoranthene	24.91	252	58499	2.27	ng		97
29) Benzo(k)fluoranthene	24.94	252	82217	1.34	ng		97
30) Benzo(a)pyrene	25.28	252	57199	1.72	ng		98
31) Dibenzo(a,h)anthracene	26.77	278	58727	2.04	ng		98

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021615\
Data File : BE089572.D
Acq On : 16 Feb 2015 16:27
Operator : TP/IZ
Sample : SSTDICC001
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Quant Time: Feb 16 17:18:16 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 16 17:05:37 2015
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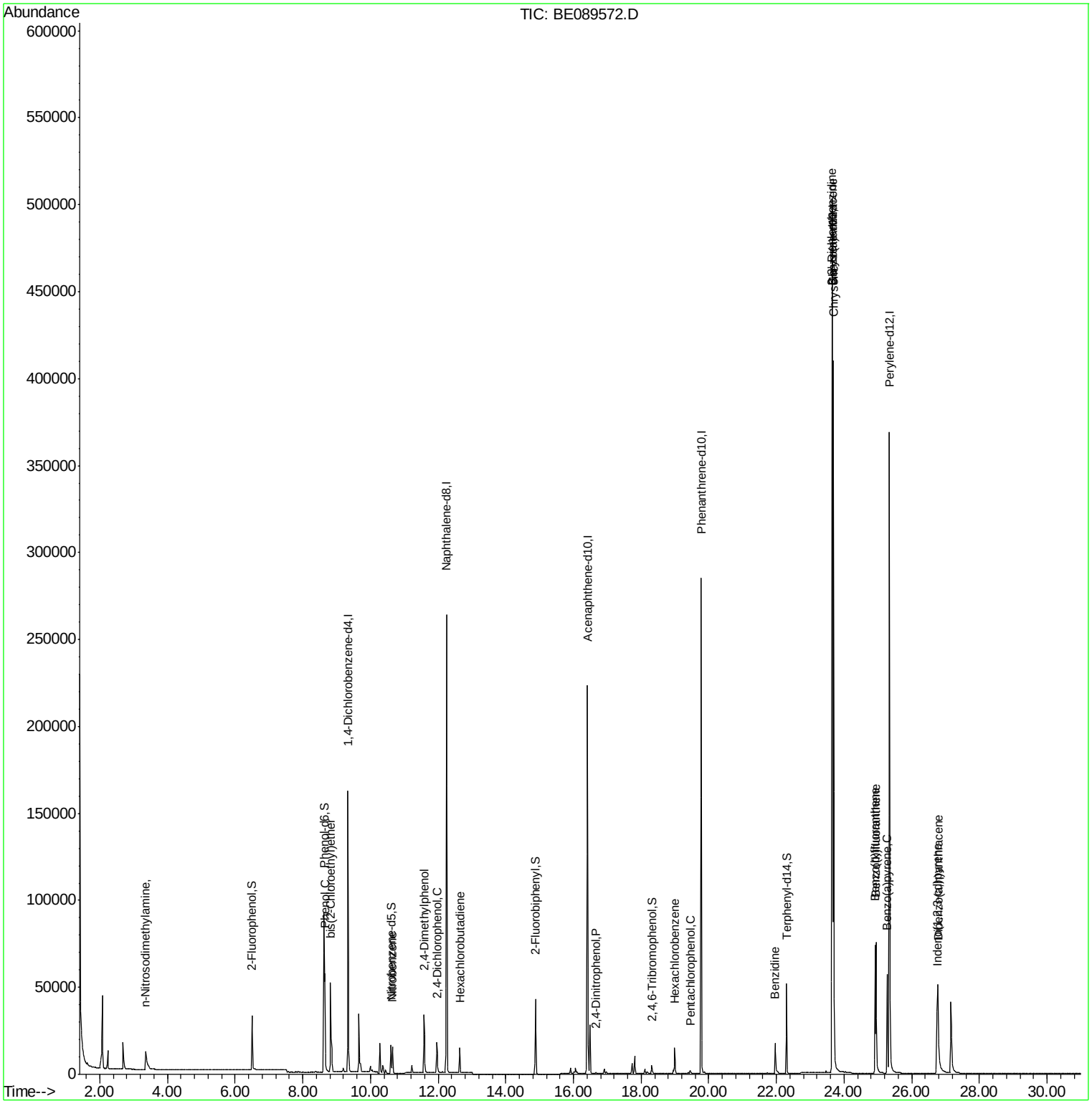
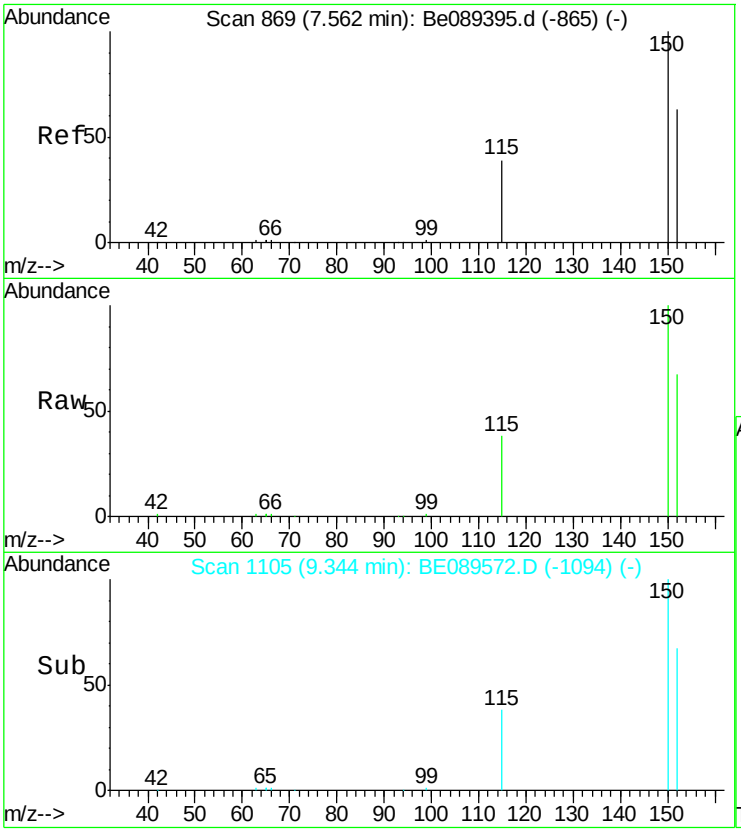


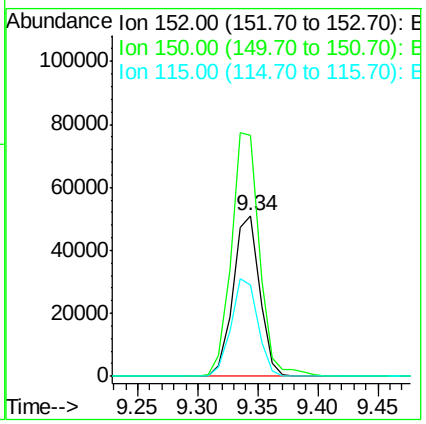


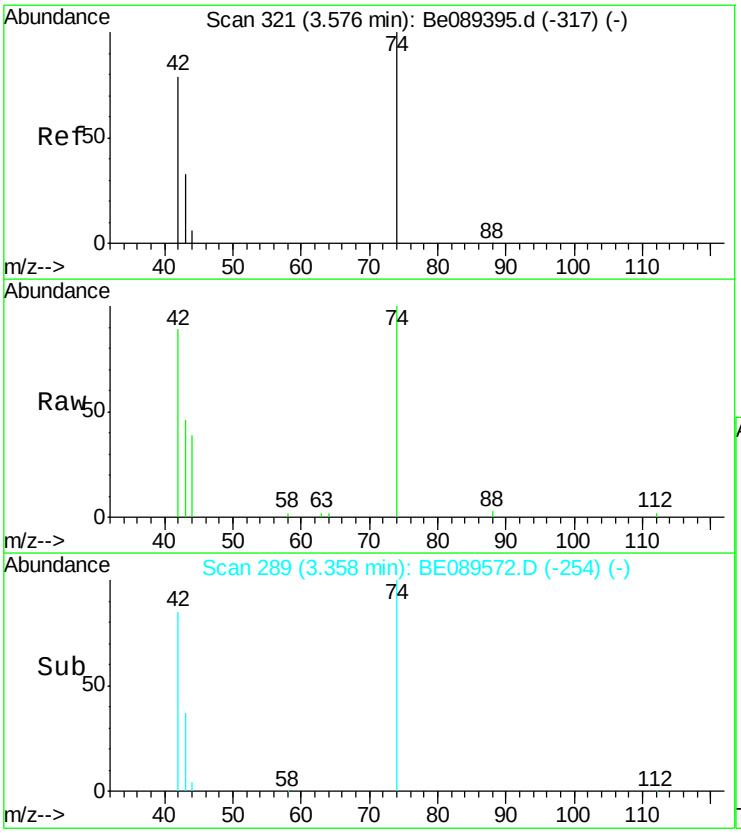
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 78602

Ion	Ratio	Lower	Upper
152	100		
150	150.2	121.4	182.2
115	56.5	47.2	70.8

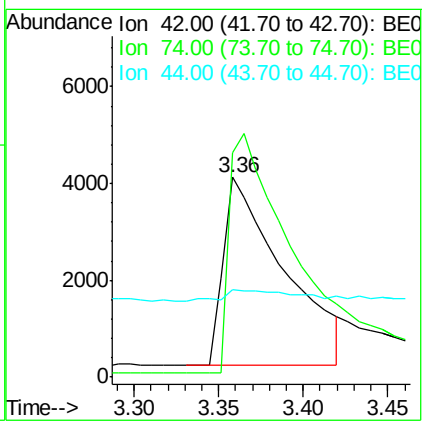


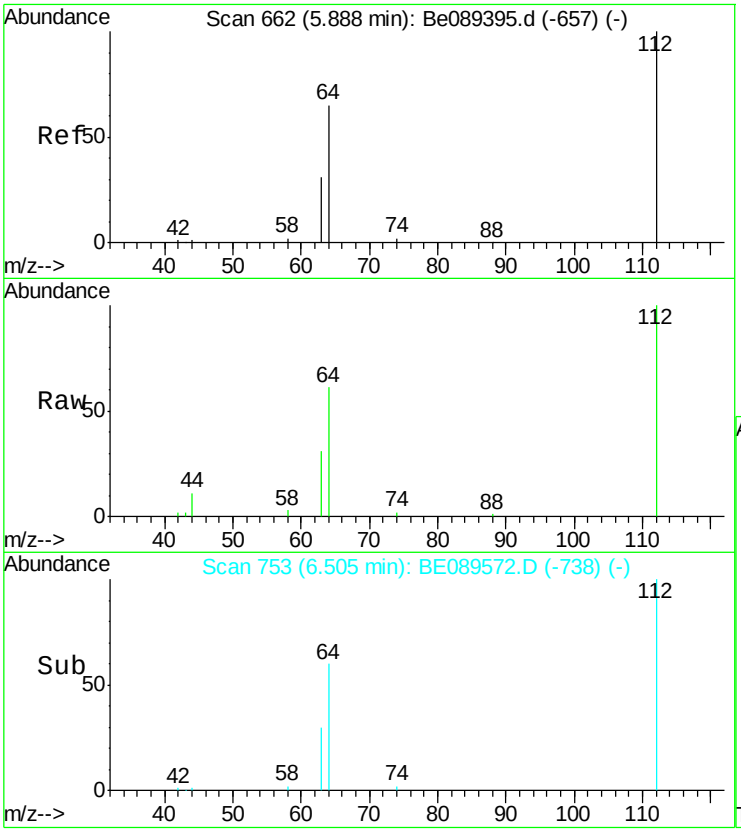


#2
n-Nitrosodimethylamine
Concen: 0.73 ng
RT: 3.36 min Scan# 289
Delta R.T. 0.04 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion: 42 Resp: 9605

Ion	Ratio	Lower	Upper
42	100		
74	112.6	96.9	145.3
44	43.7	6.7	10.1#



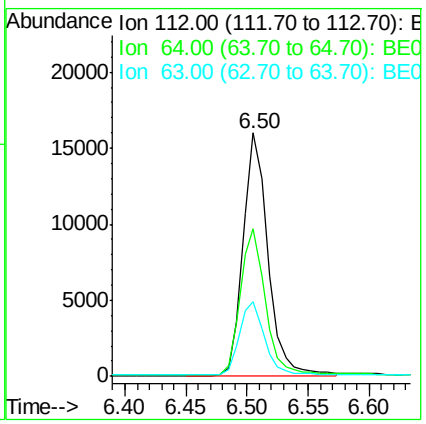


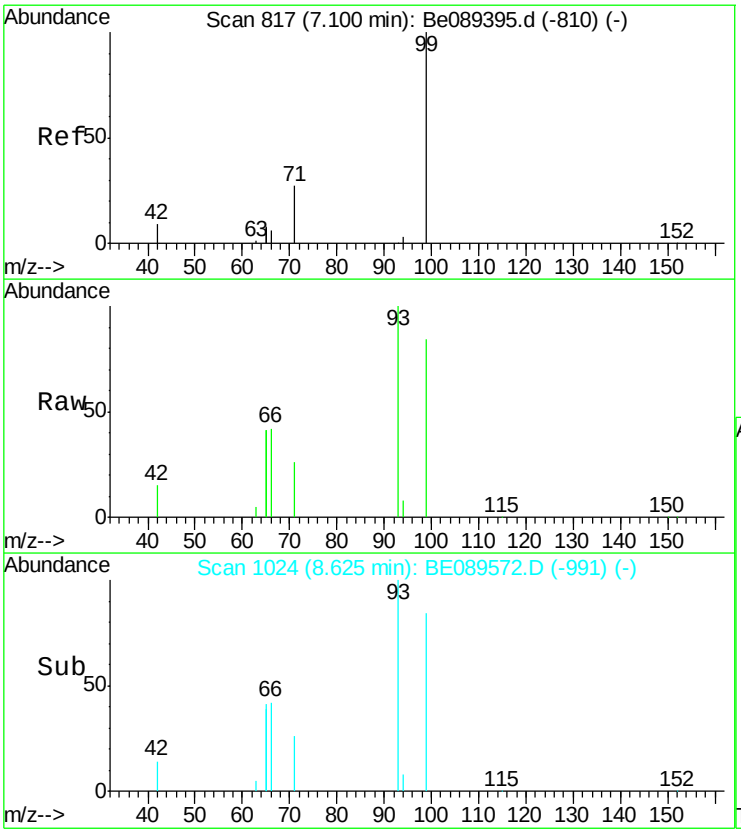
#3
2-Fluorophenol
Concen: 0.87 ng
RT: 6.50 min Scan# 753
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:112 Resp: 22675

Ion	Ratio	Lower	Upper
112	100		
64	60.7	53.6	80.4
63	30.8	27.3	40.9

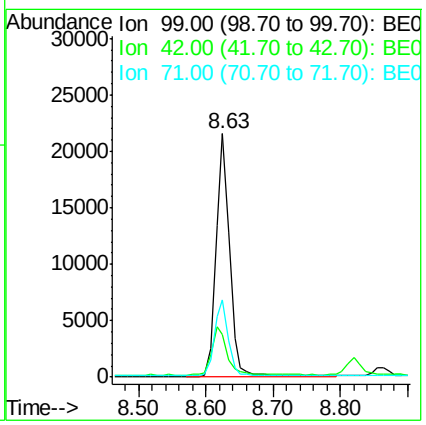


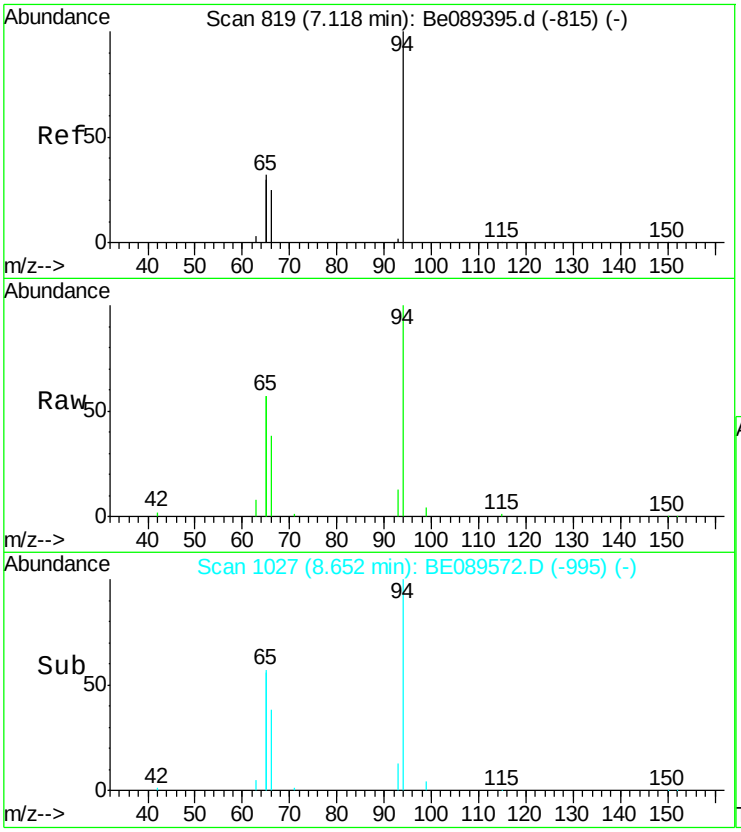


#4
Phenol-d6
Concen: 0.92 ng
RT: 8.63 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion: 99 Resp: 29913

Ion	Ratio	Lower	Upper
99	100		
42	17.4	18.5	27.7#
71	31.5	28.2	42.2



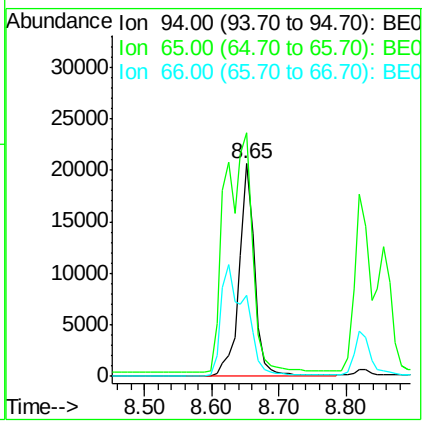


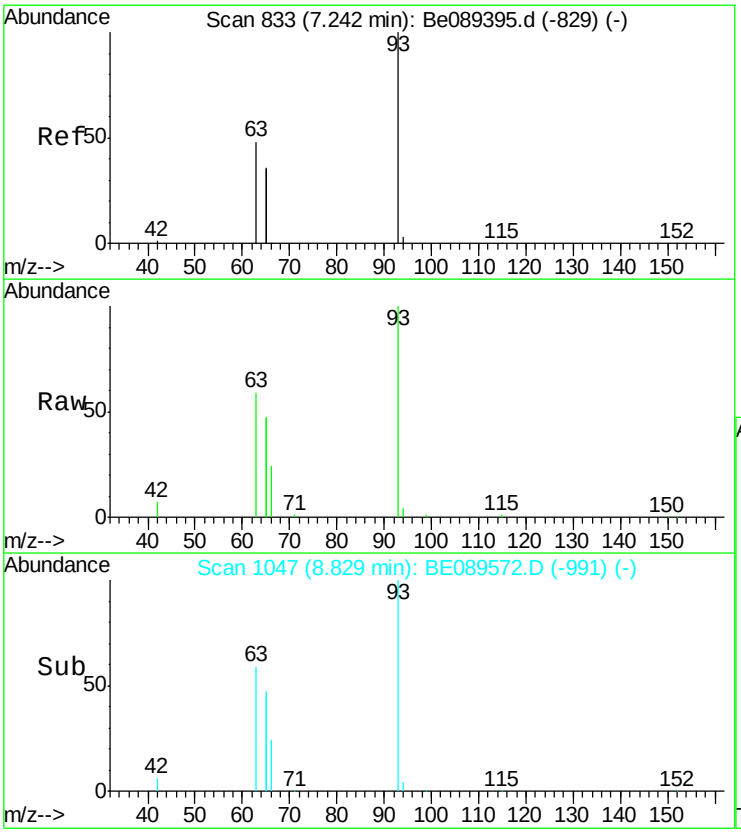
#5
Phenol
Concen: 1.00 ng
RT: 8.65 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion: 94 Resp: 32522

Ion	Ratio	Lower	Upper
94	100		
65	114.5	25.8	65.8#
66	38.2	11.9	51.9

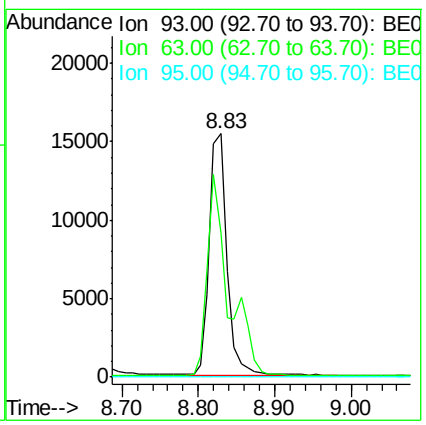


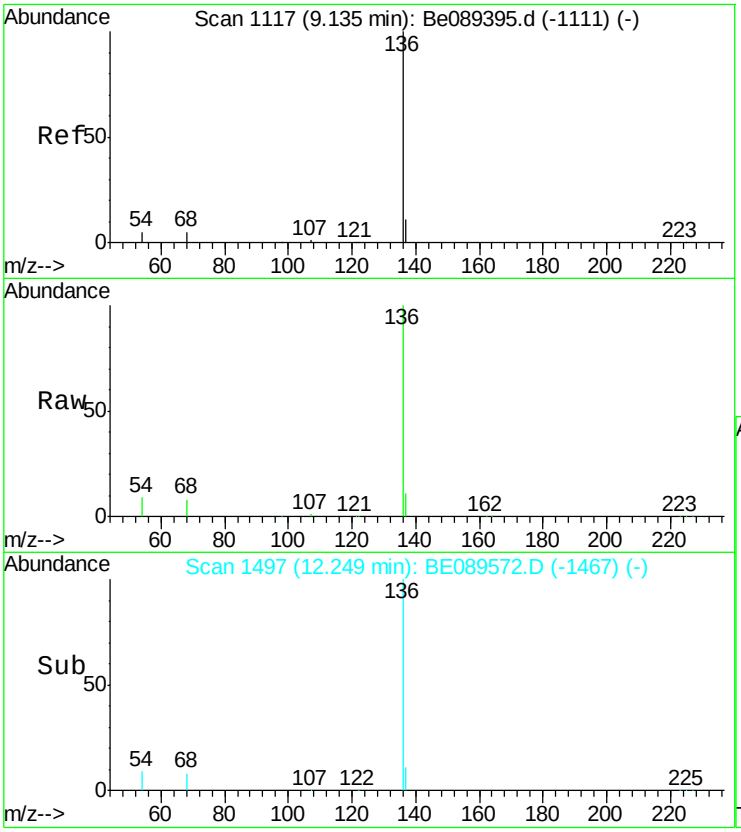


#6
bis(2-Chloroethyl)ether
Concen: 1.01 ng
RT: 8.83 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion: 93 Resp: 24640

Ion	Ratio	Lower	Upper
93	100		
63	102.1	0.0	0.0#
95	0.0	0.0	0.0



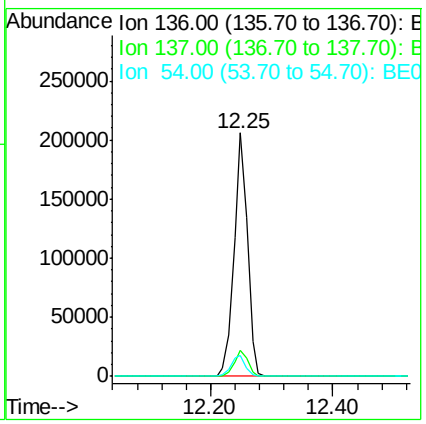


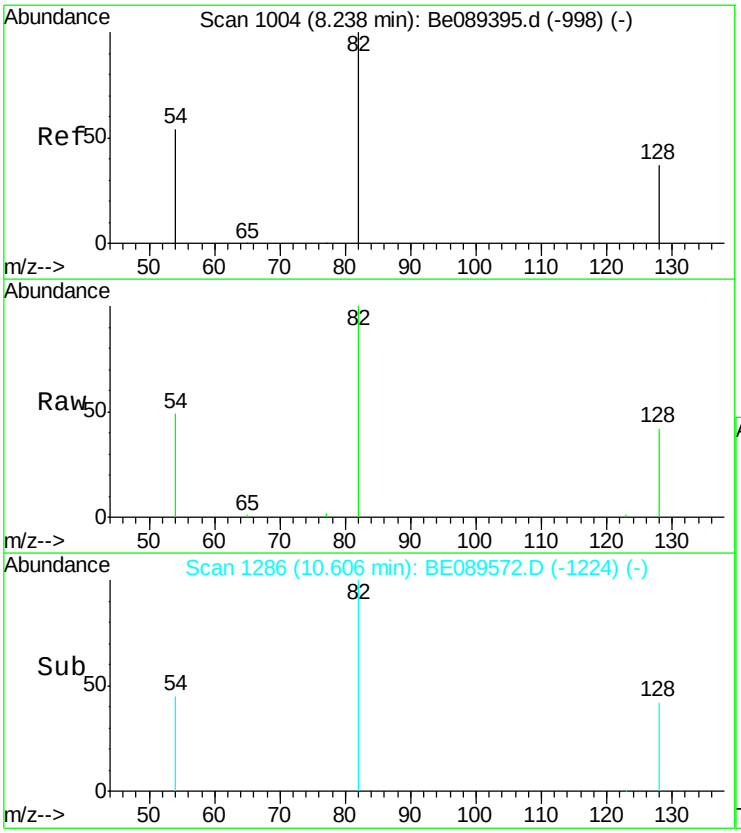
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:136 Resp: 312599

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	8.6	13.0

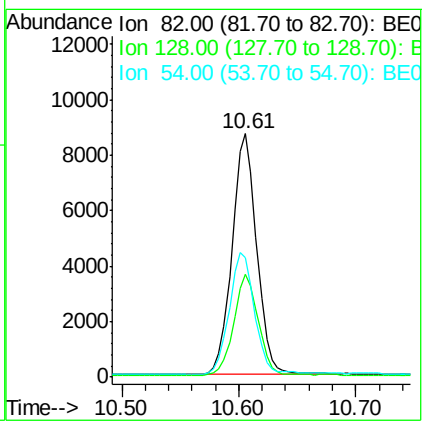


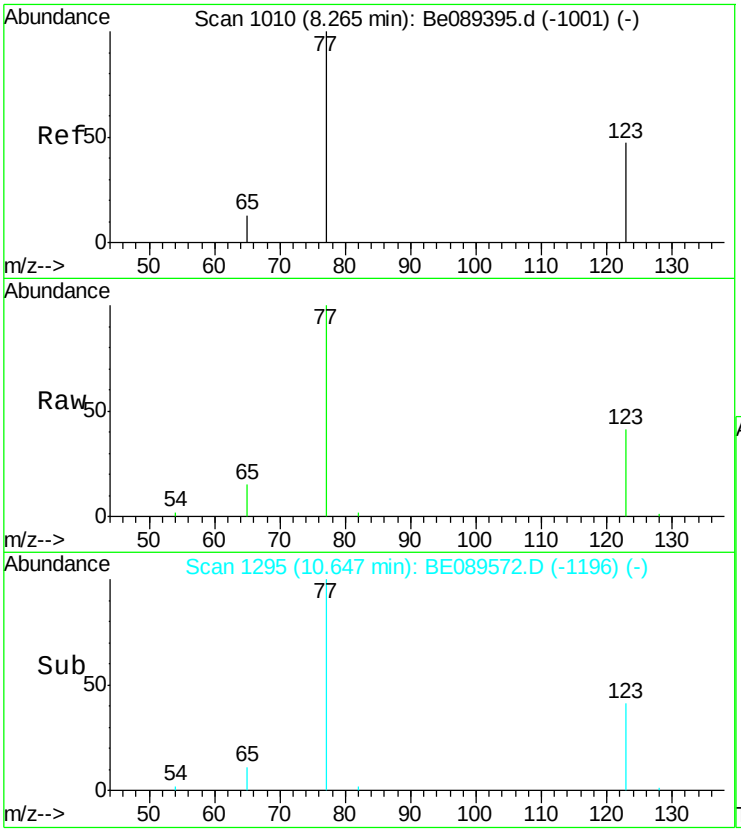


#8
Nitrobenzene-d5
Concen: 0.54 ng
RT: 10.61 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion: 82 Resp: 12705

Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.0
54	48.8	39.4	59.2



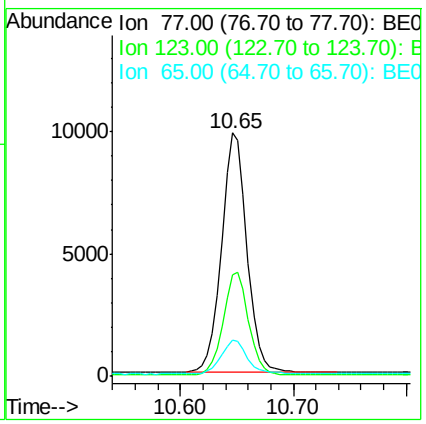


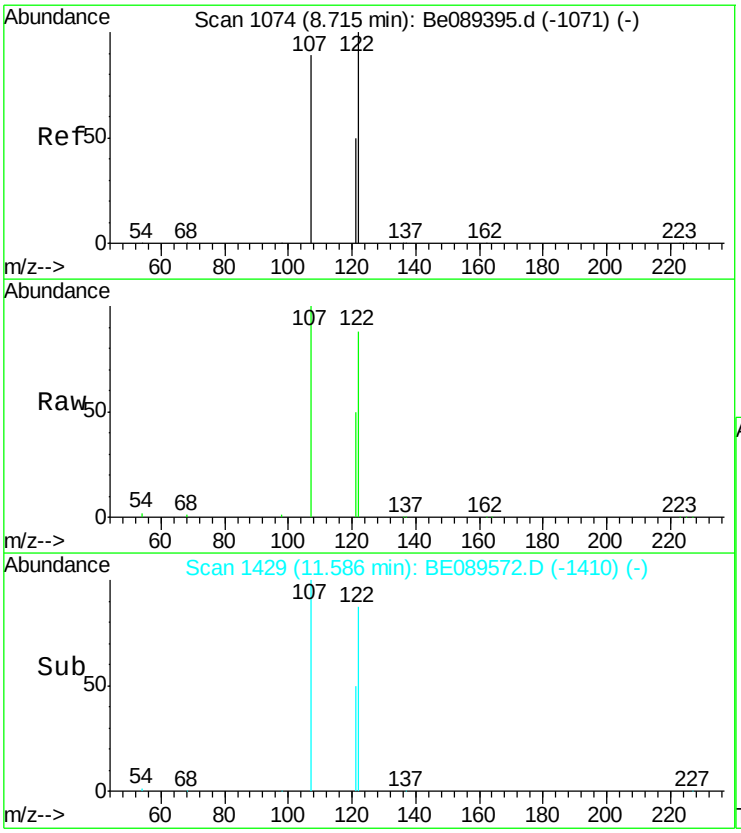
#9
Nitrobenzene
Concen: 0.57 ng
RT: 10.65 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion: 77 Resp: 14968

Ion	Ratio	Lower	Upper
77	100		
123	43.0	0.0	0.0#
65	14.3	0.0	0.0#

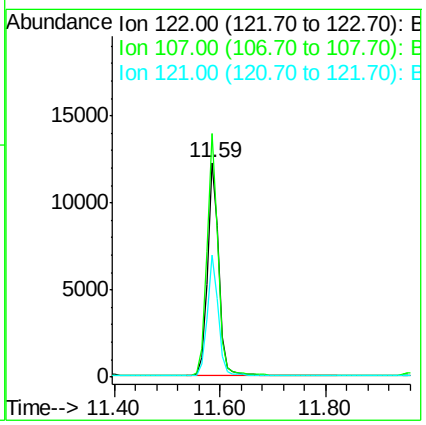


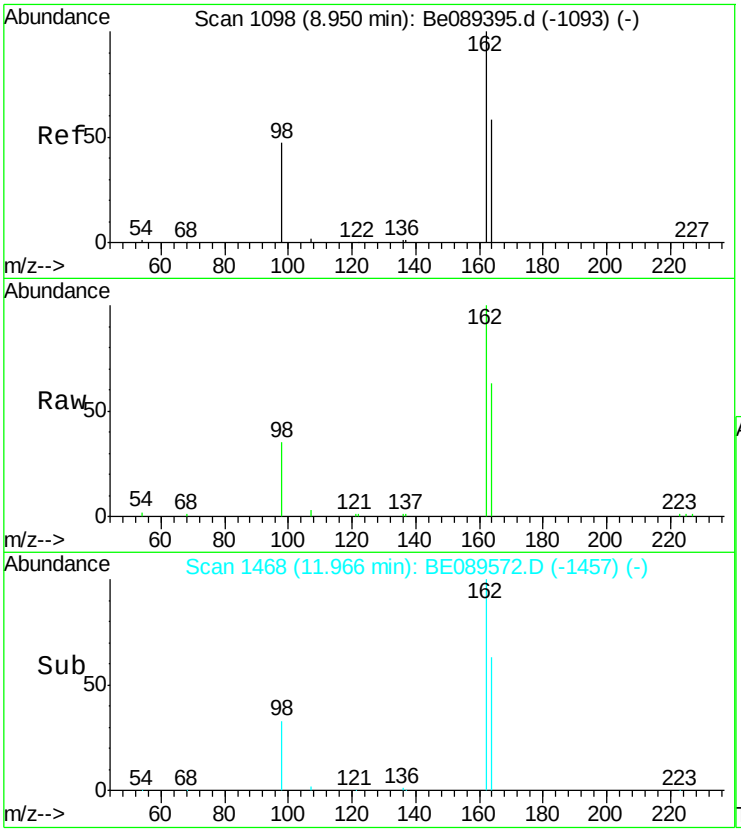


#10
2,4-Dimethylphenol
Concen: 0.84 ng
RT: 11.59 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:122 Resp: 18435

Ion	Ratio	Lower	Upper
122	100		
107	113.6	95.1	142.7
121	56.8	46.4	69.6



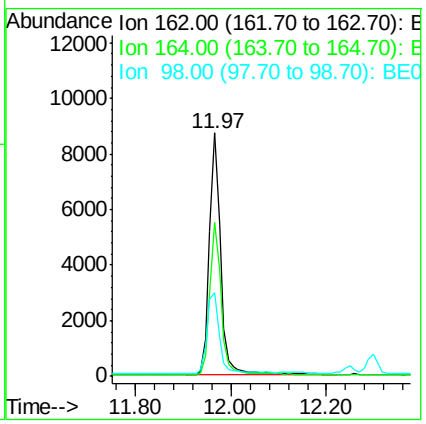


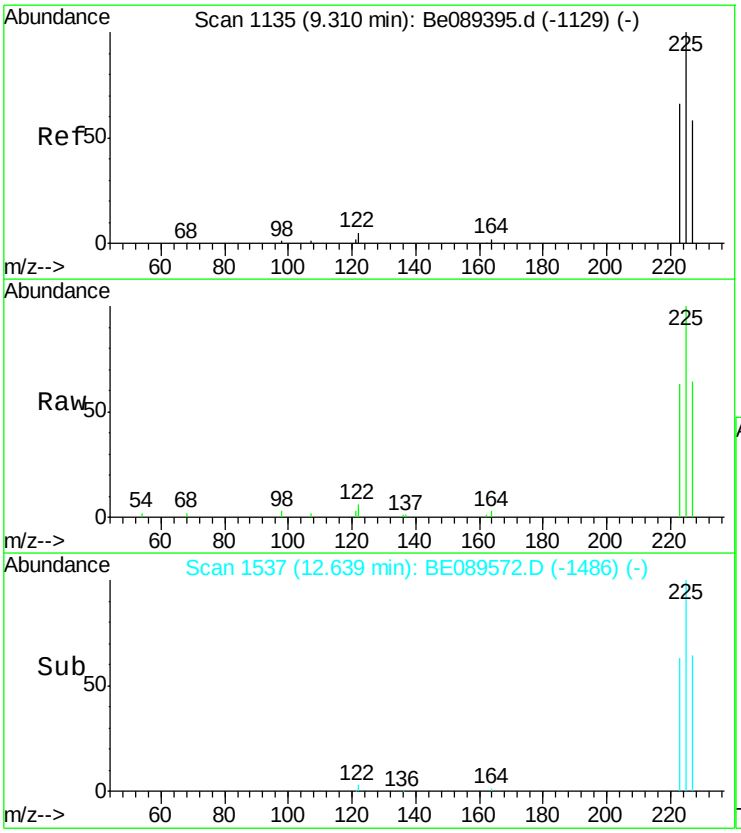
#11
2,4-Dichlorophenol
Concen: 0.92 ng
RT: 11.97 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:162 Resp: 14431

Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.7	82.7
98	34.6	19.4	59.4

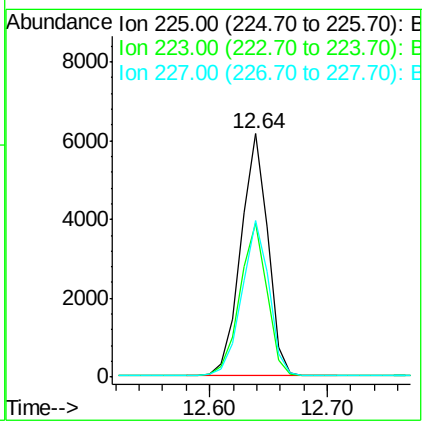


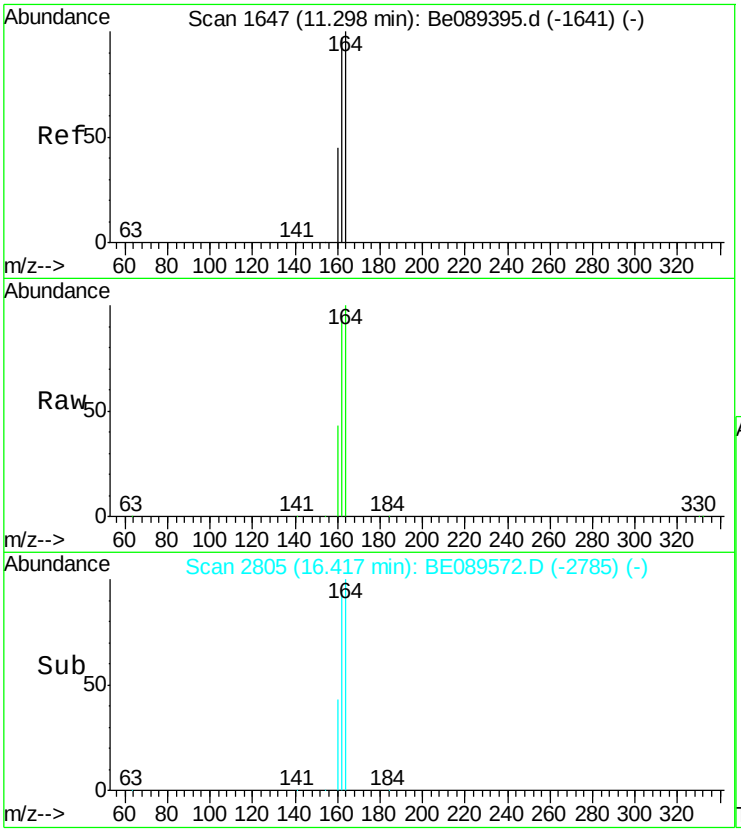


#12
Hexachlorobutadiene
Concen: 0.95 ng
RT: 12.64 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:225 Resp: 9672

Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	0.0#
227	63.8	0.0	0.0#



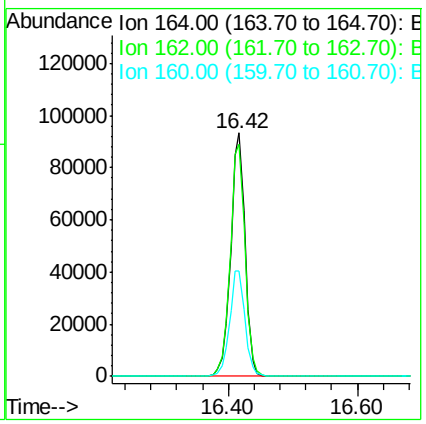


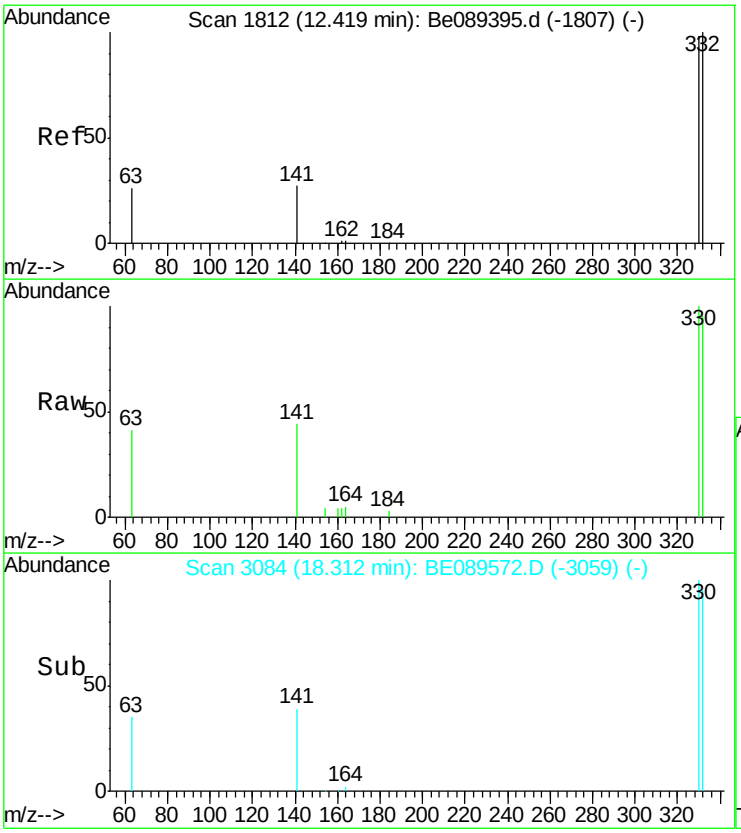
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2805
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:164 Resp: 144642

Ion	Ratio	Lower	Upper
164	100		
162	95.3	77.9	116.9
160	43.4	35.8	53.6

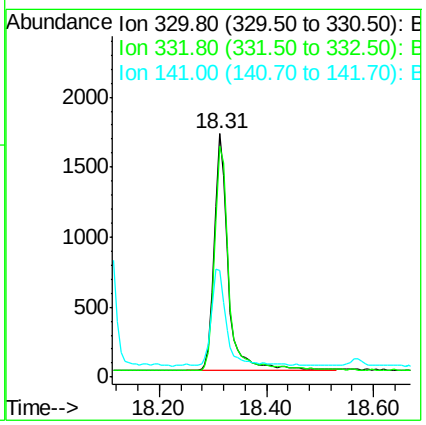


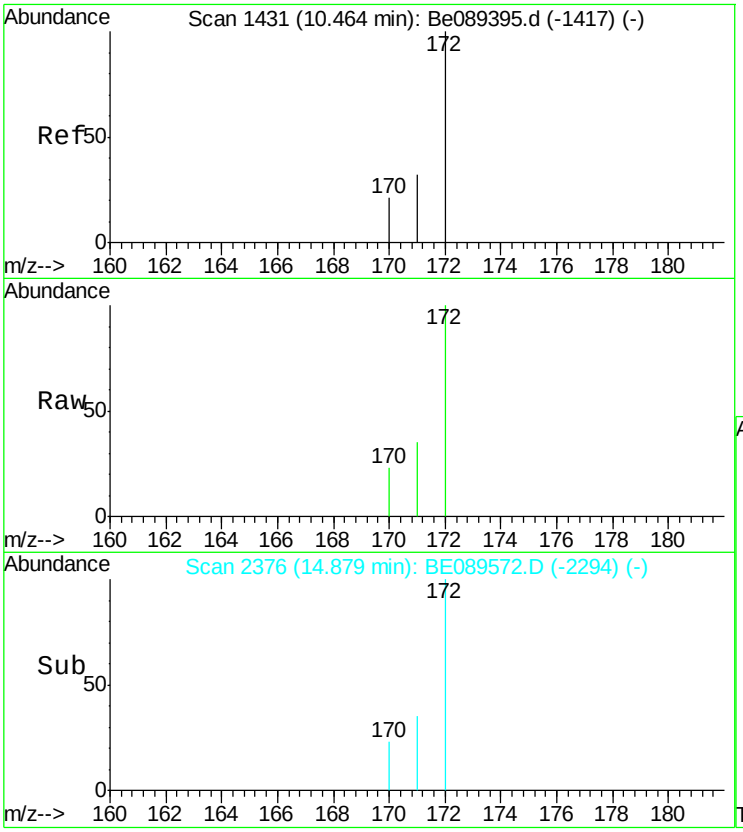


#14
2,4,6-Tribromophenol
Concen: 1.07 ng
RT: 18.31 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:330 Resp: 3080

Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	41.7	0.0	0.0#



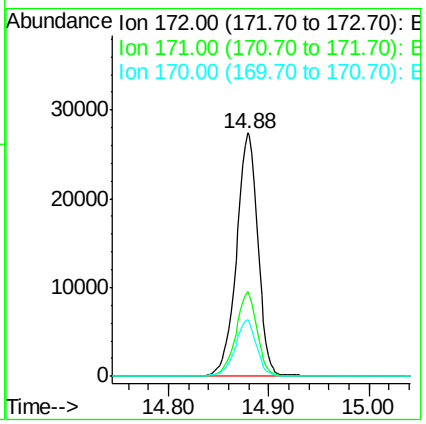


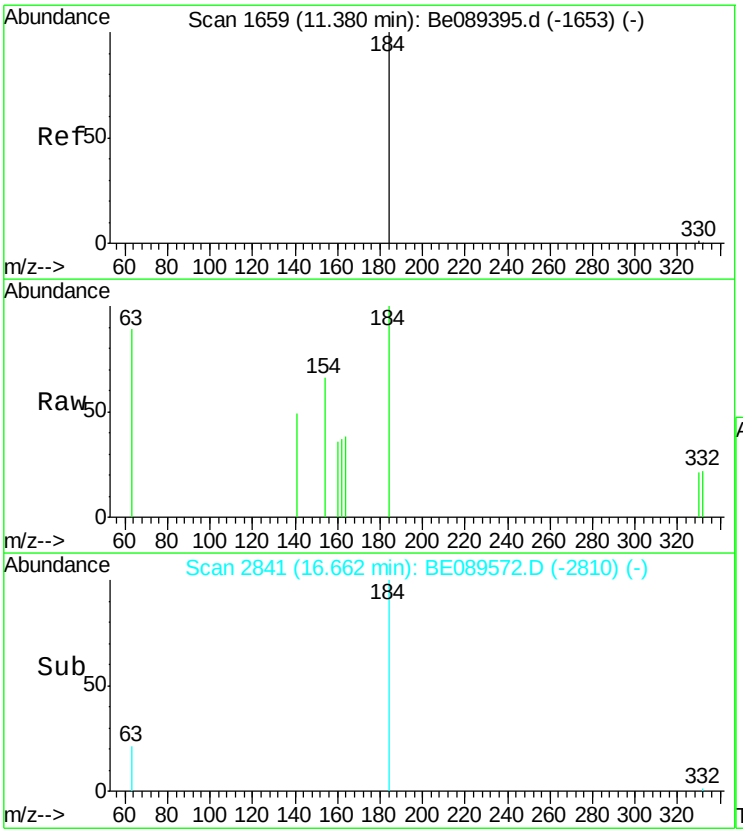
#15
2-Fluorobiphenyl
Concen: 0.89 ng
RT: 14.88 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 40391

Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.1	18.3	27.5

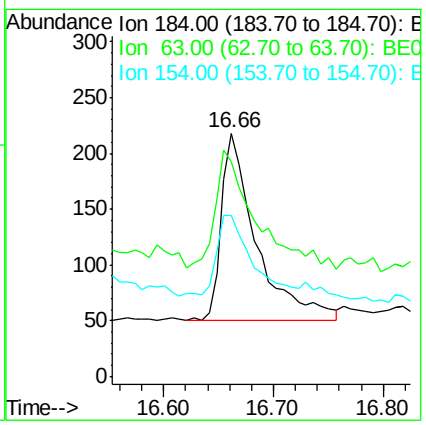


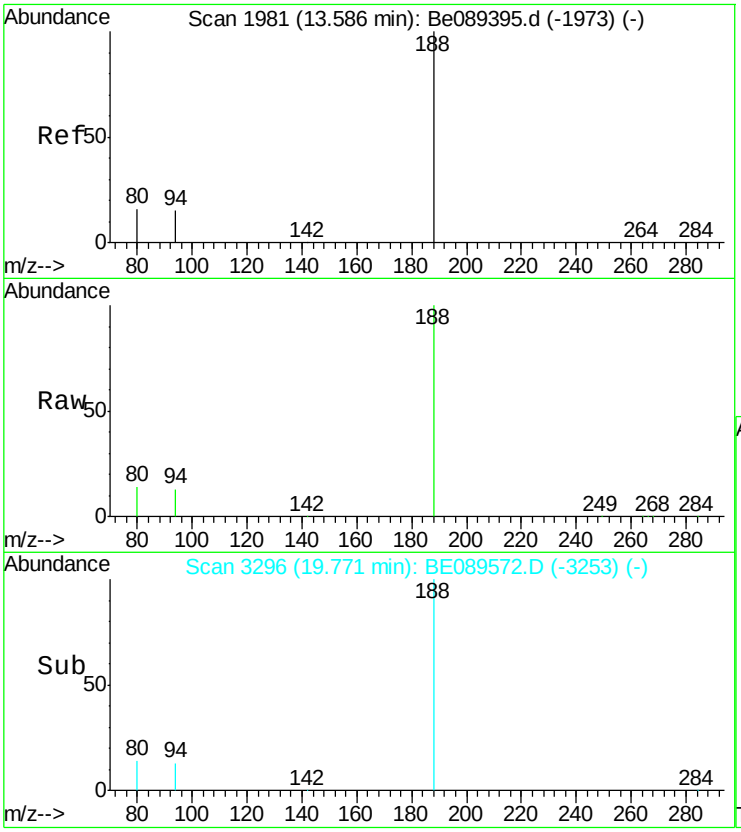


#16
2,4-Dinitrophenol
Concen: 0.38 ng
RT: 16.66 min Scan# 2841
Delta R.T. 0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:184 Resp: 374

Ion	Ratio	Lower	Upper
184	100		
63	88.5	58.1	87.1#
154	66.1	42.0	63.0#



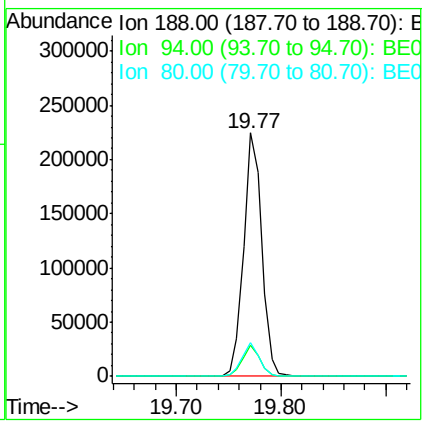


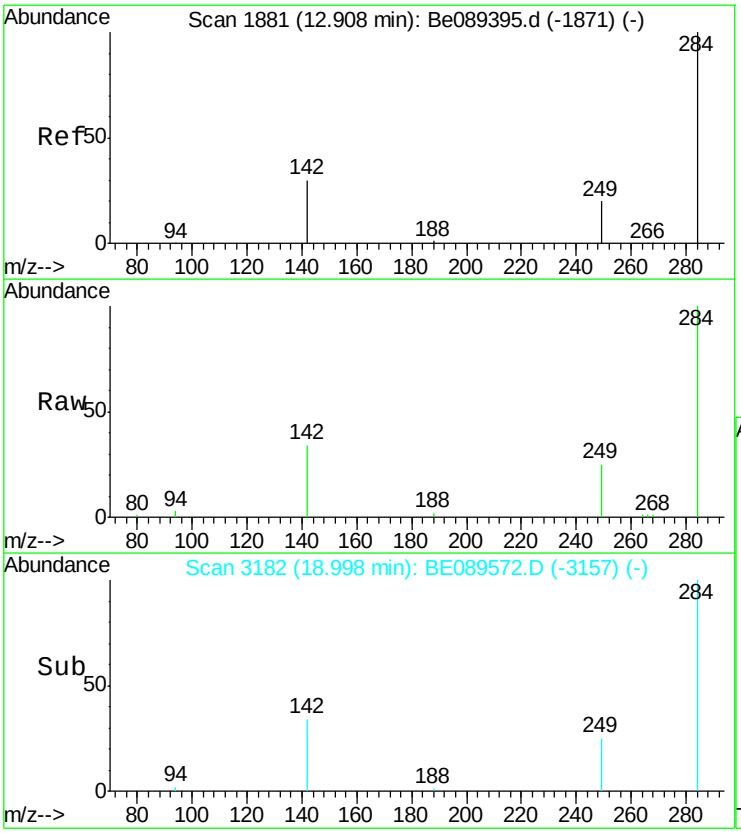
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3296
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 273646

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.7	14.5
80	13.8	10.2	15.4

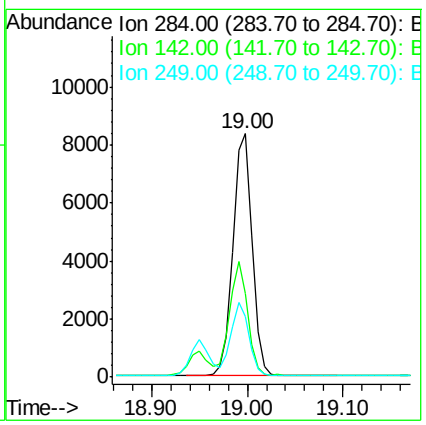


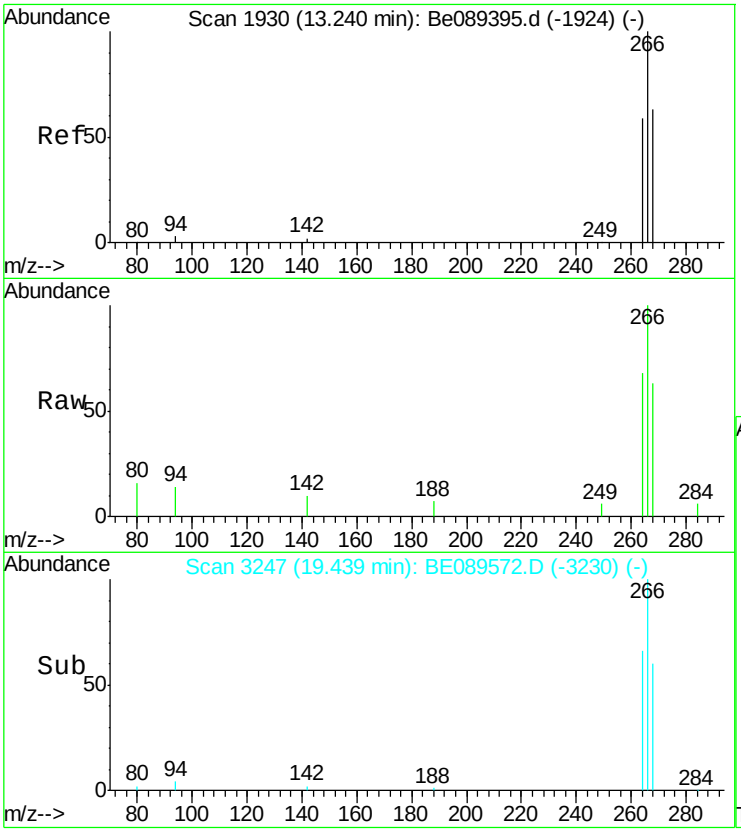


#18
Hexachlorobenzene
Concen: 0.87 ng
RT: 19.00 min Scan# 3182
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:284 Resp: 11770

Ion	Ratio	Lower	Upper
284	100		
142	34.5	36.6	54.8#
249	25.0	24.4	36.6



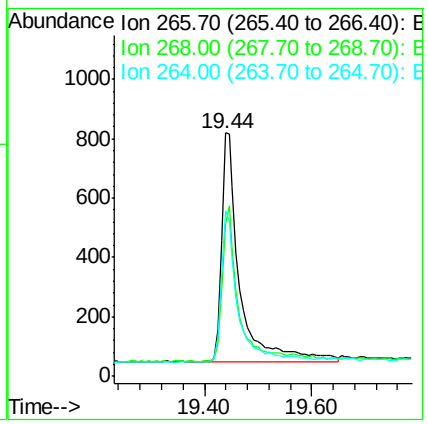


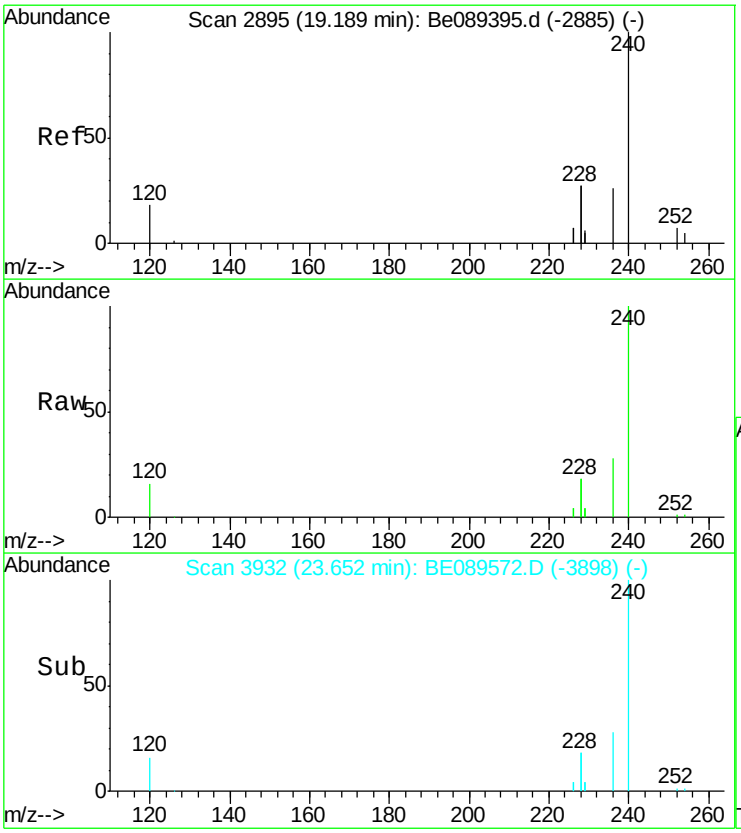
#19
Pentachlorophenol
Concen: 0.72 ng
RT: 19.44 min Scan# 3247
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 1818

Ion	Ratio	Lower	Upper
266	100		
268	62.8	48.6	72.8
264	68.0	52.6	78.8

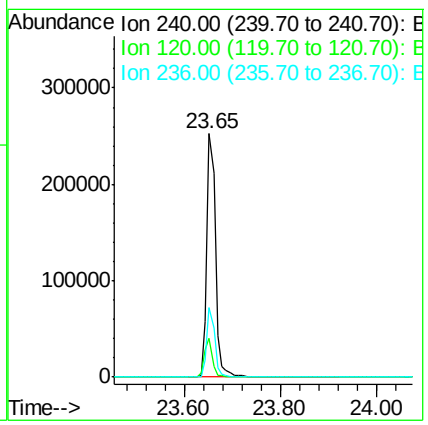


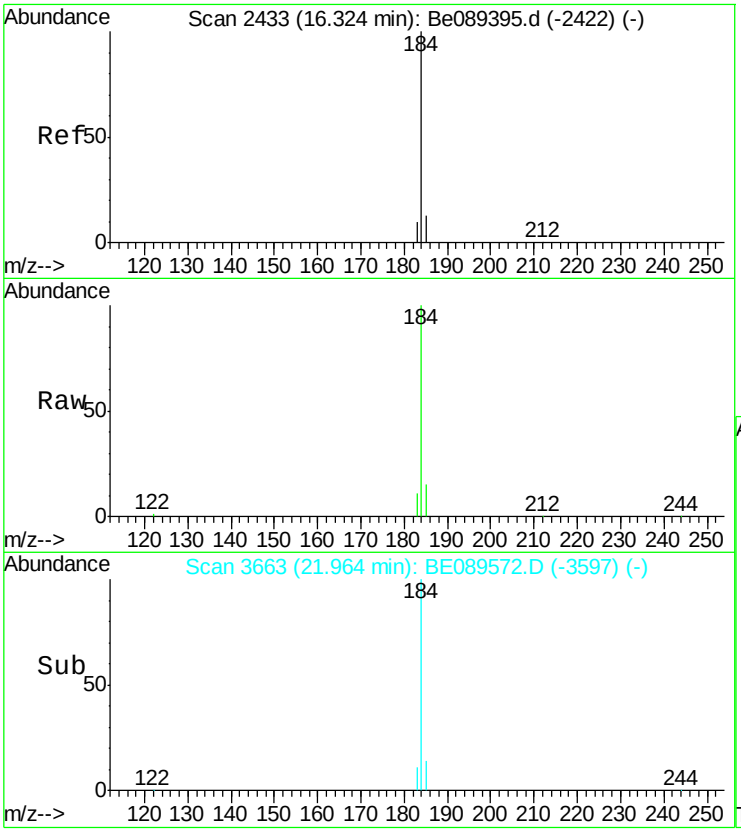


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3932
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:240 Resp: 310751

Ion	Ratio	Lower	Upper
240	100		
120	15.9	6.6	9.8#
236	28.4	21.1	31.7



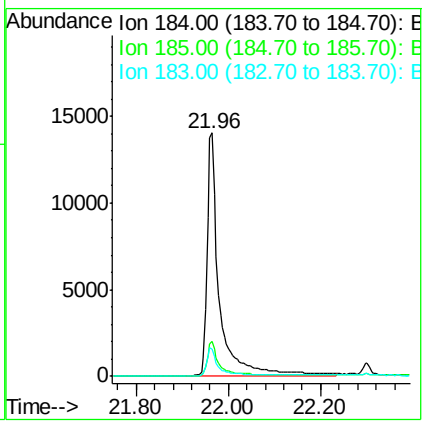


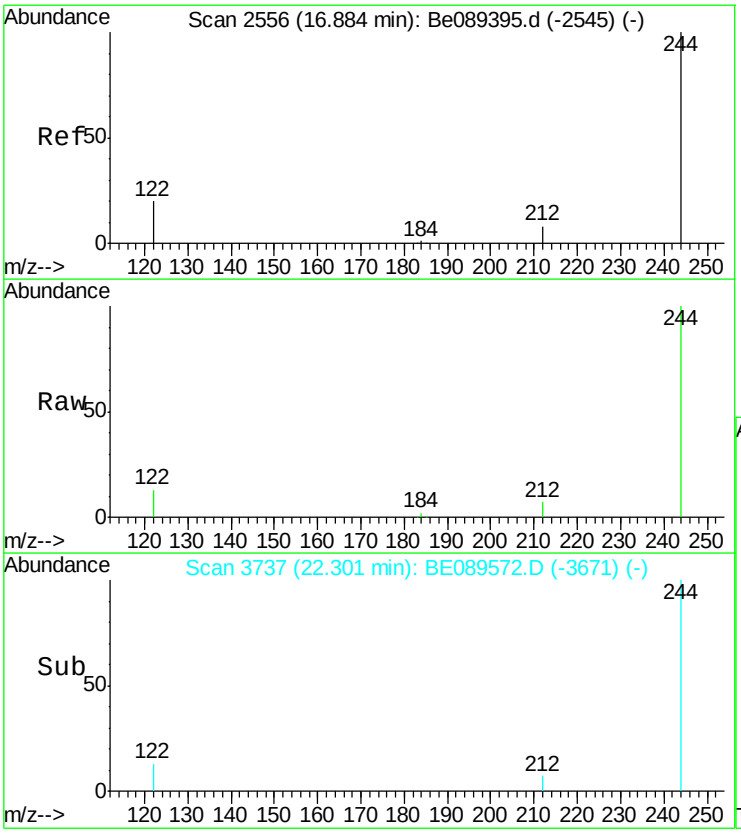
#21
Benzidine
Concen: 0.98 ng
RT: 21.96 min Scan# 3663
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:184 Resp: 25184

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.8	17.8
183	11.1	9.0	13.6

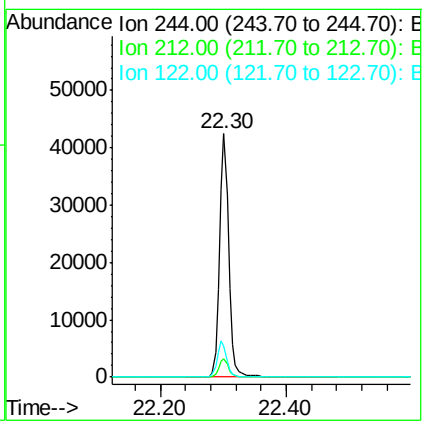


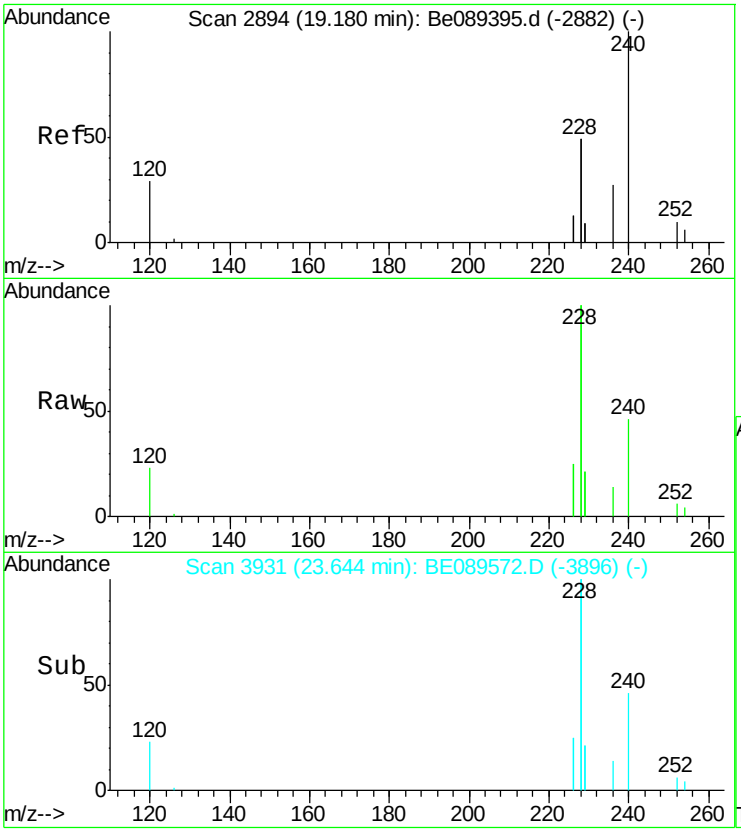


#22
Terphenyl-d14
Concen: 1.43 ng
RT: 22.30 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:244 Resp: 42294

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.6	9.8
122	12.7	13.1	19.7#



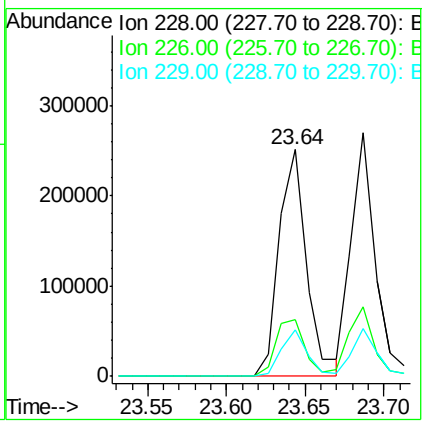


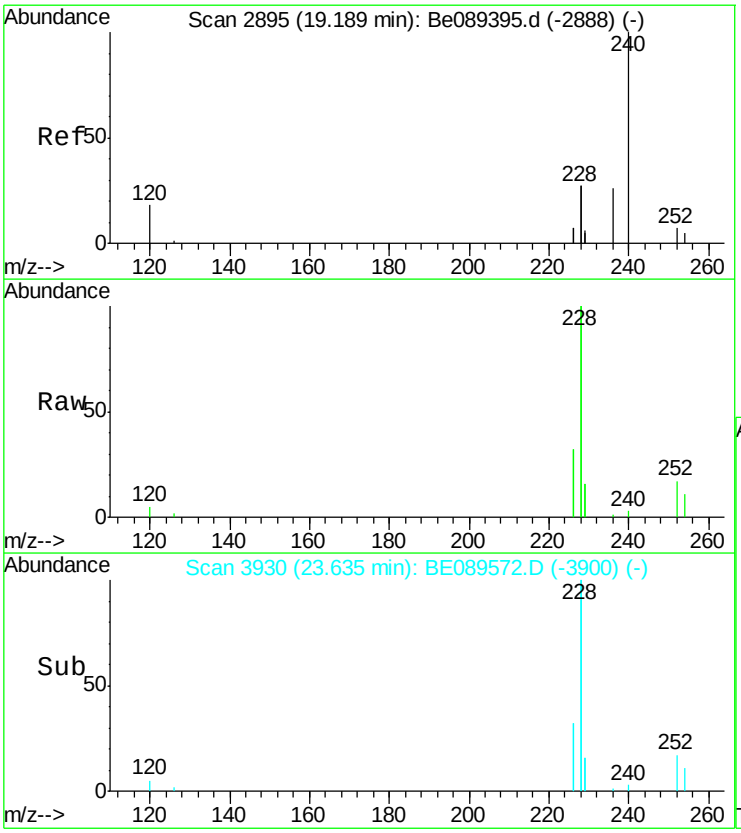
#23
Benzo(a)anthracene
Concen: 1.38 ng
RT: 23.64 min Scan# 3931
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 303353

Ion	Ratio	Lower	Upper
228	100		
226	24.9	23.4	35.0
229	20.7	16.1	24.1

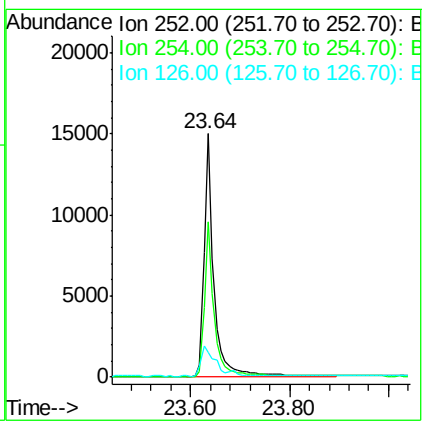


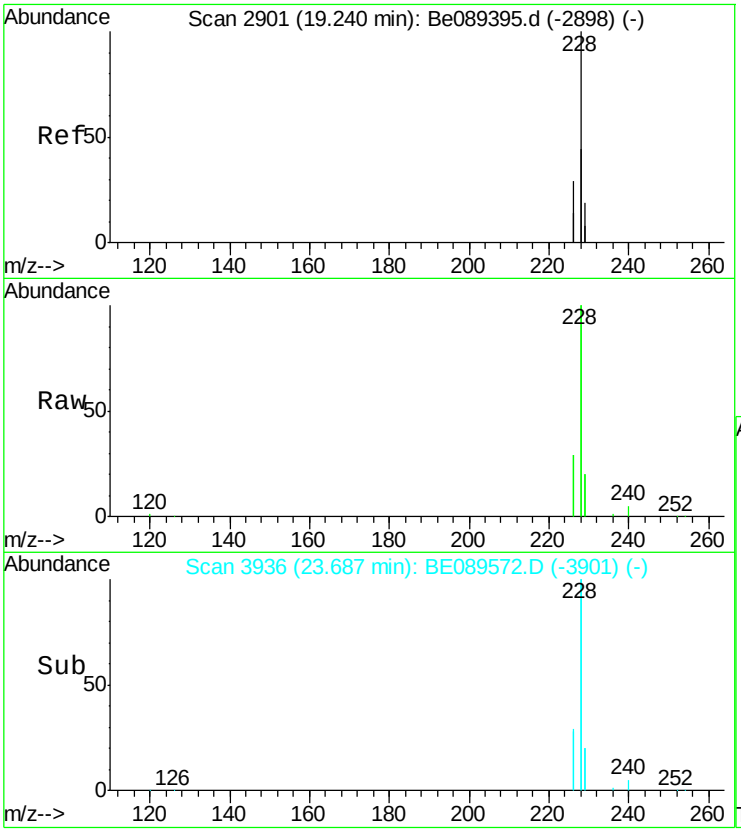


#24
3,3'-Dichlorobenzidine
Concen: 0.98 ng
RT: 23.64 min Scan# 3930
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:252 Resp: 20597

Ion	Ratio	Lower	Upper
252	100		
254	63.7	50.5	75.7
126	10.4	7.0	10.6



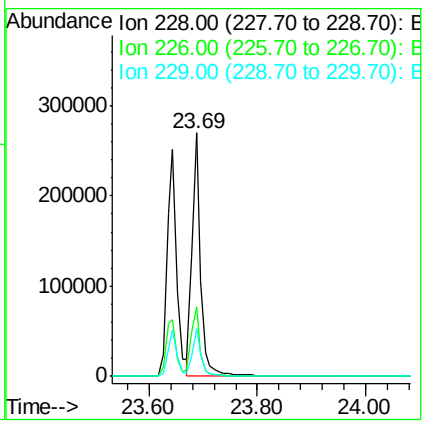


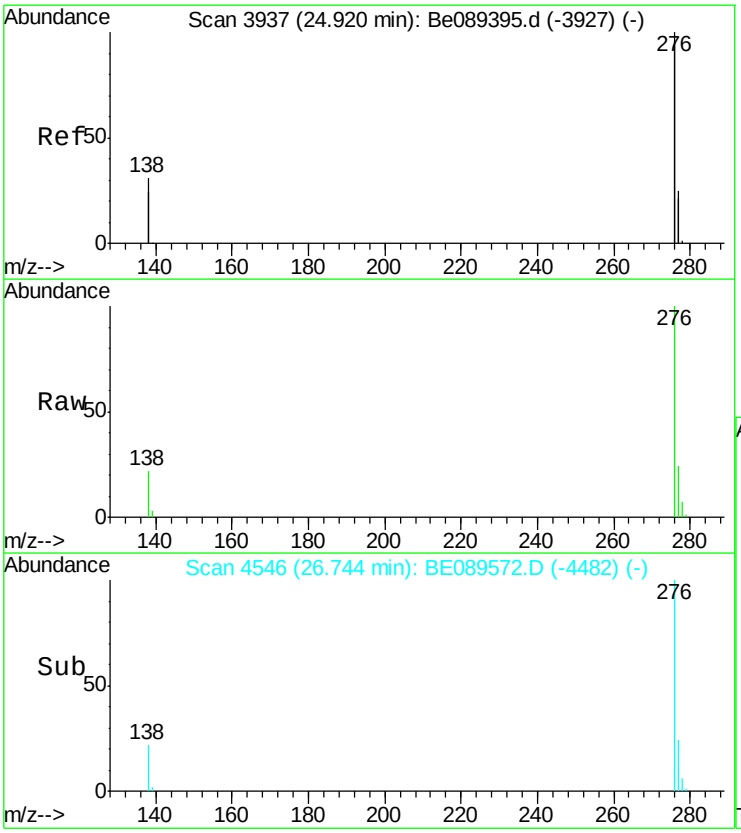
#25
Chrysene
Concen: 0.82 ng
RT: 23.69 min Scan# 3936
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 297623

Ion	Ratio	Lower	Upper
228	100		
226	28.6	27.8	41.6
229	19.7	14.8	22.2

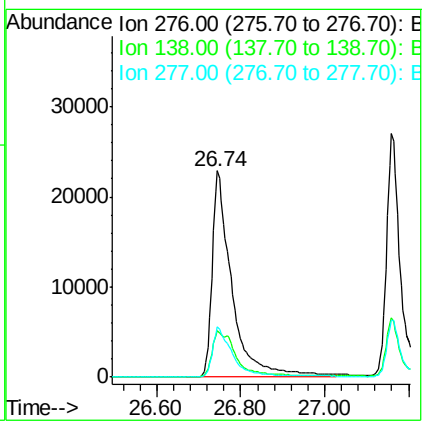


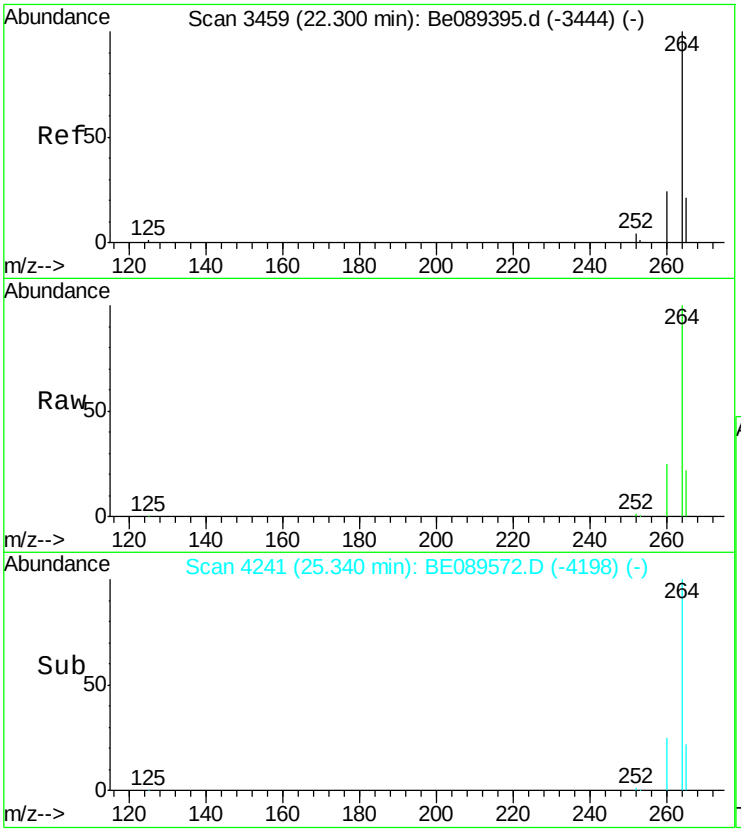


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 26.74 min Scan# 4546
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:276 Resp: 74074

Ion	Ratio	Lower	Upper
276	100		
138	27.6	0.0	0.0#
277	24.3	0.0	0.0#



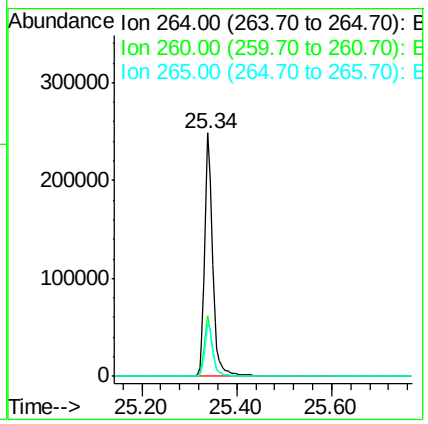


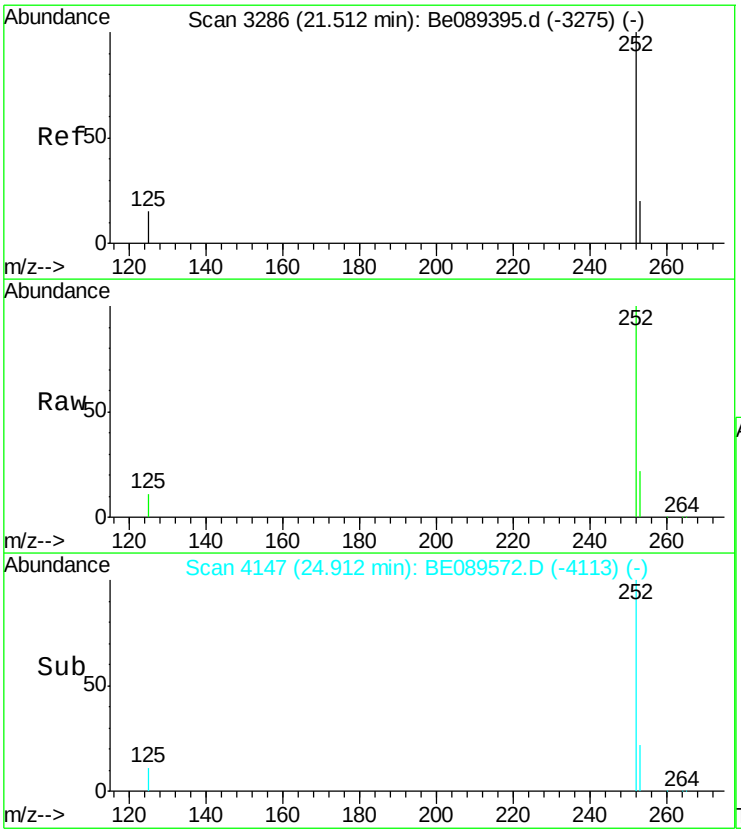
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4241
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 294110

Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.6	30.8
265	21.9	17.2	25.8

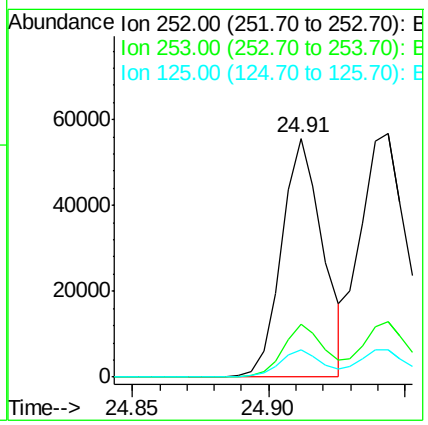


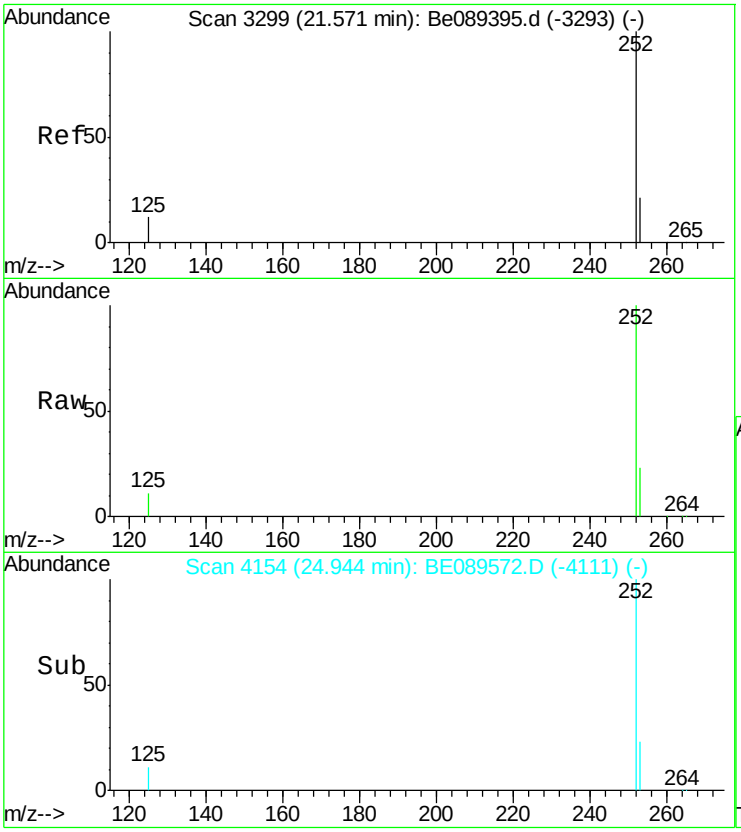


#28
Benzo(b)fluoranthene
Concen: 2.27 ng
RT: 24.91 min Scan# 4147
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:252 Resp: 58499

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	11.2	9.9	14.9



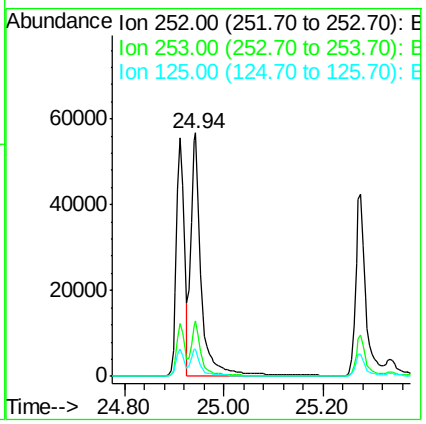


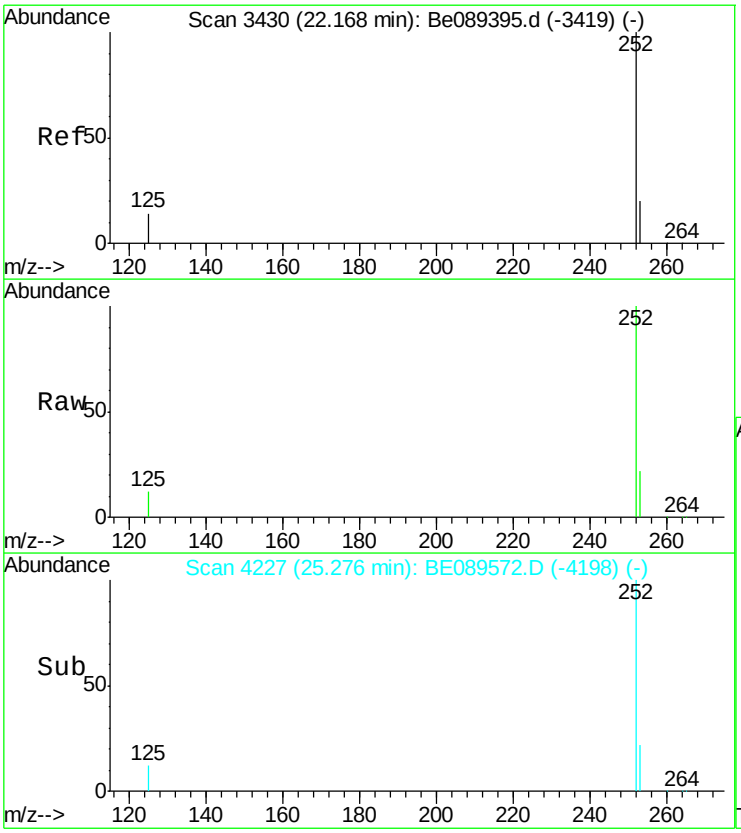
#29
Benzo(k)fluoranthene
Concen: 1.34 ng
RT: 24.94 min Scan# 4154
Delta R.T. -0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 82217

Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.5	29.3
125	11.1	9.4	14.2

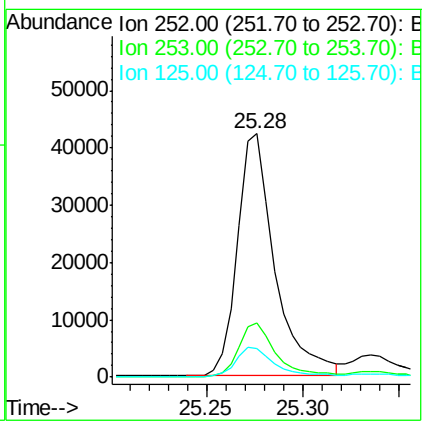


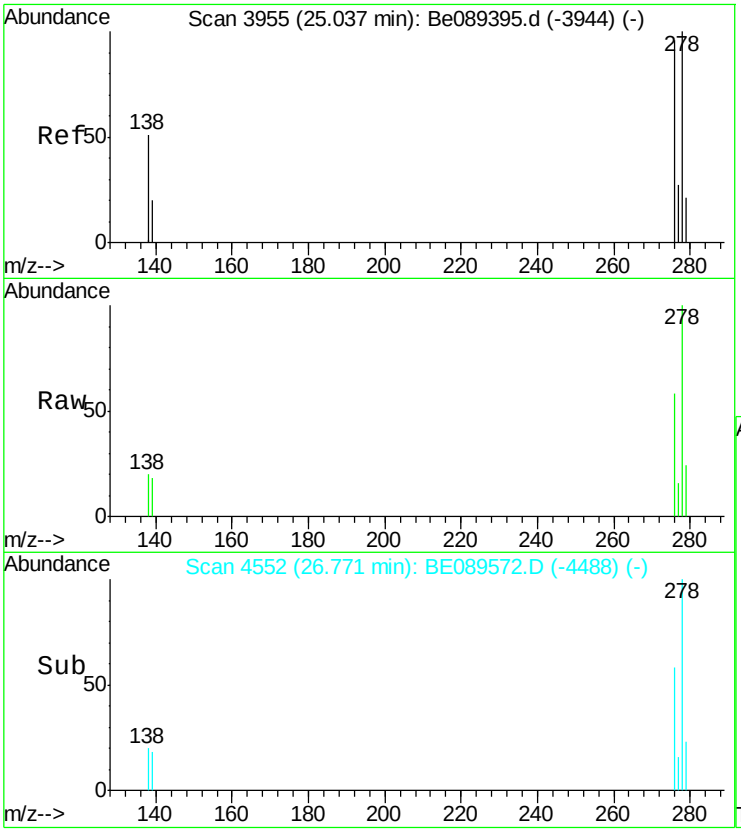


#30
Benzo(a)pyrene
Concen: 1.72 ng
RT: 25.28 min Scan# 4227
Delta R.T. 0.00 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Tgt Ion:252 Resp: 57199

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.9	10.9	16.3





#31
Dibenzo(a,h)anthracene
Concen: 2.04 ng
RT: 26.77 min Scan# 4552
Delta R.T. -0.01 min
Lab File: BE089572.D
Acq: 16 Feb 2015 16:27

Instrument :
BNA_E
LabSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 58727

Ion	Ratio	Lower	Upper
278	100		
139	18.4	15.5	23.3
279	23.7	19.8	29.8