Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE022615\
Data File : BE089703.D
Acq On : 26 Feb 2015 23:26
Operator : TP/JJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.8

Manual Integrations APPROVED
apatel
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Quant Time: Feb 27 05:04:47 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE022615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 27 04:47:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.33	152	57340	5.00	ng		0.00
7) Naphthalene-d8	12.23	136	243752	5.00	ng		0.00
13) Acenaphthene-d10	16.41	164	110284	5.00	ng		0.00
17) Phenanthrene-d10	19.76	188	200863	5.00	ng		0.00
20) Chrysene-d12	23.65	240	161364	5.00	ng		0.00
27) Perylene-d12	25.33	264	126012	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.49	112	11144	0.64	ng		0.00
4) Phenol-d6	8.61	99	15035	0.69	ng		0.00
8) Nitrobenzene-d5	10.60	82	11006	0.66	ng		0.00
14) 2,4,6-Tribromophenol	18.30	330	734	0.32	ng		0.00
15) 2-Fluorobiphenyl	14.87	172	22201	0.68	ng		0.00
22) Terphenyl-d14	22.30	244	16630	0.94	ng		0.00
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	3.37	42	6550m	0.71	ng		
5) Phenol	8.64	94	16584	0.72	ng	#	57
6) bis(2-Chloroethyl)ether	8.82	93	13169	0.76	ng	#	97
9) Nitrobenzene	10.64	77	11627	0.62	ng		100
10) 2,4-Dimethylphenol	11.57	122	8833	0.61	ng		98
11) 2,4-Dichlorophenol	11.95	162	6379	0.58	ng		99
12) Hexachlorobutadiene	12.62	225	3722	0.48	ng		100
16) 2,4-Dinitrophenol	16.65	184	195	0.80	ng		93
18) Hexachlorobenzene	18.98	284	4176	0.48	ng		92
19) Pentachlorophenol	19.43	266	456	0.49	ng		95
21) Benzidine	21.95	184	4277	0.34	ng		98
23) Benzo(a)anthracene	23.64	228	88150	0.61	ng		99
24) 3,3'-Dichlorobenzidine	23.63	252	3714	0.56	ng		98
25) Chrysene	23.68	228	114991	0.65	ng		99
26) Indeno(1,2,3-cd)pyrene	26.74	276	11808	0.48	ng	#	48
28) Benzo(b)fluoranthene	24.91	252	8588	0.61	ng		99
29) Benzo(k)fluoranthene	24.94	252	25394	0.72	ng		99
30) Benzo(a)pyrene	25.27	252	9994	0.67	ng		99
31) Dibenzo(a,h)anthracene	26.77	278	8365	0.63	ng		95

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

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Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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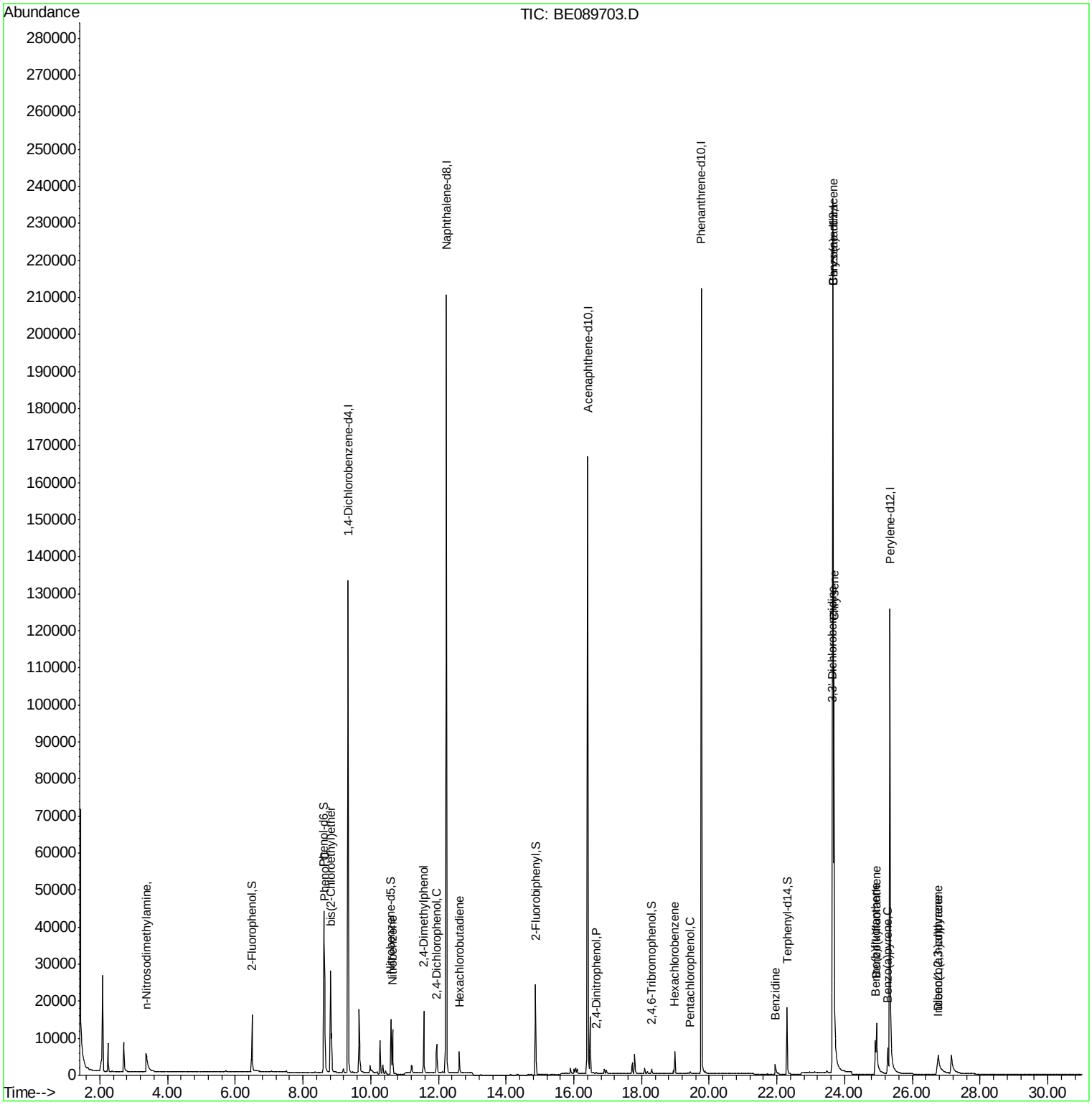
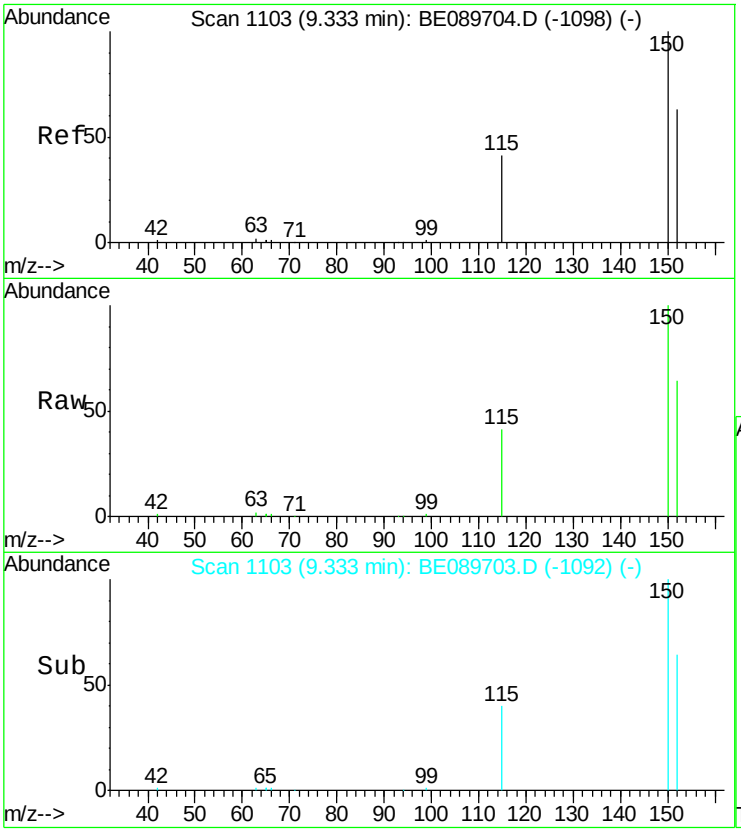
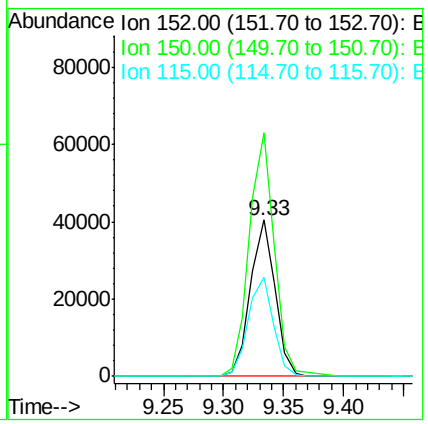




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.33 min Scan# 1103
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:152 Resp: 57340

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	63.2	52.0	78.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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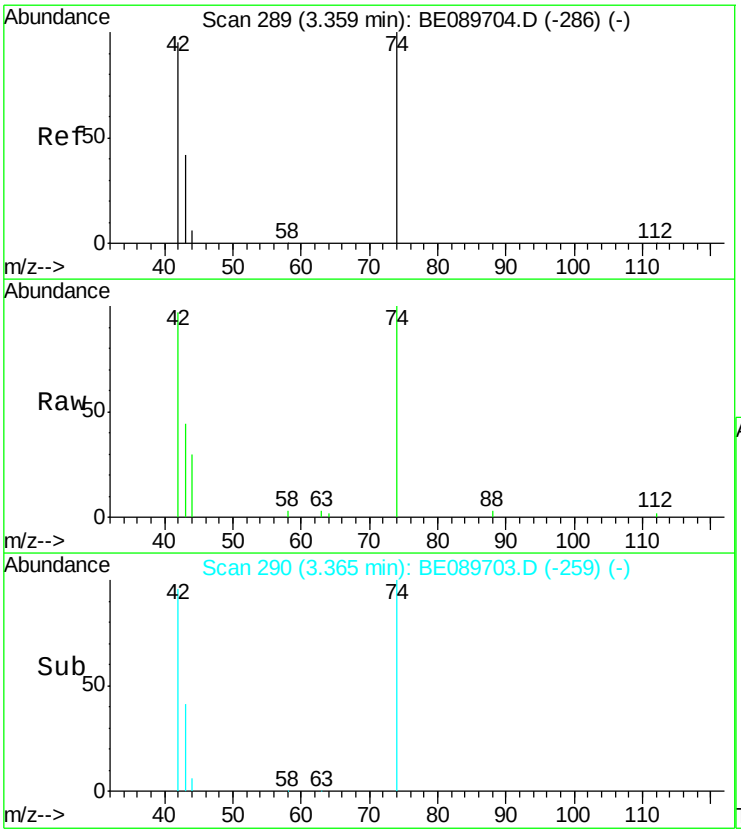
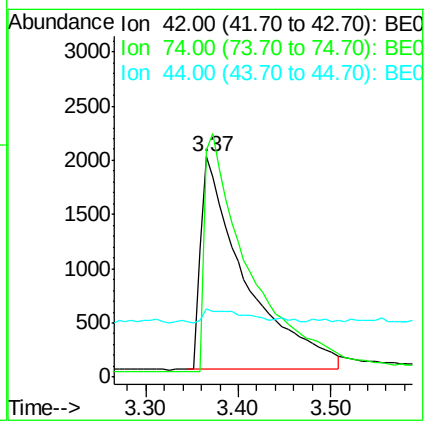
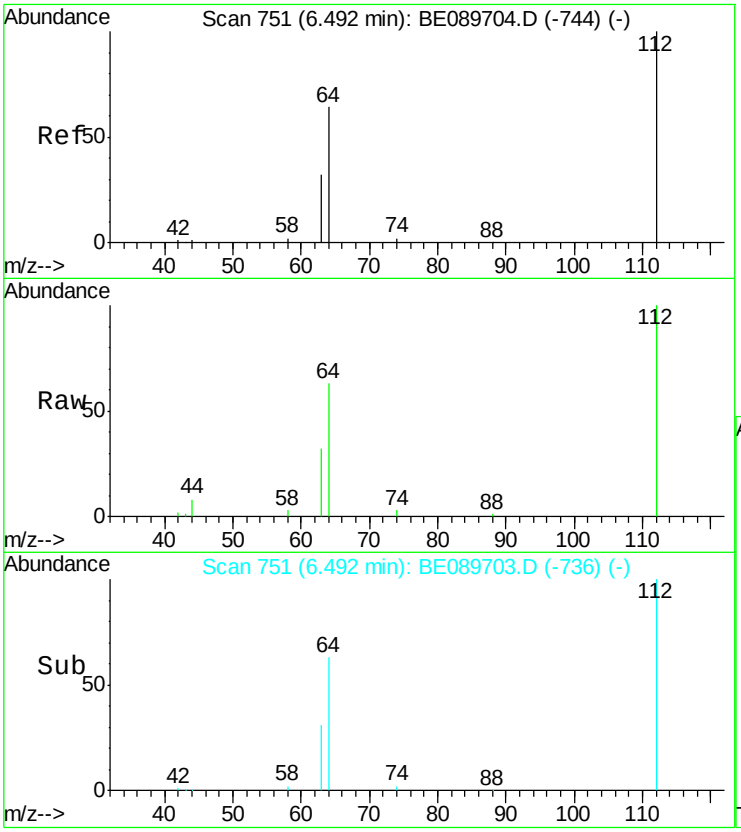


#2
n-Nitrosodimethylamine
Concen: 0.71 ng m
RT: 3.37 min Scan# 290
Delta R.T. 0.01 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 42 Resp: 6550

Ion	Ratio	Lower	Upper
42	100		
74	103.4	83.8	125.8
44	30.7	19.0	28.6#

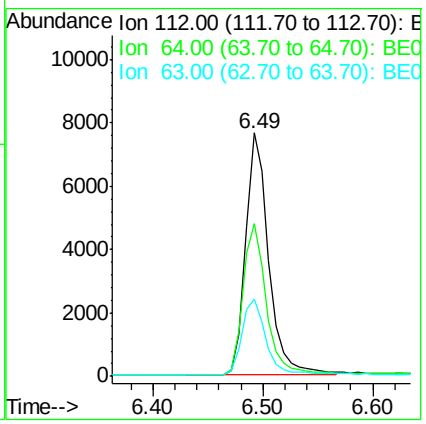




#3
2-Fluorophenol
Concen: 0.64 ng
RT: 6.49 min Scan# 751
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:112 Resp: 11144

Ion	Ratio	Lower	Upper
112	100		
64	62.8	51.3	76.9
63	31.8	26.2	39.2



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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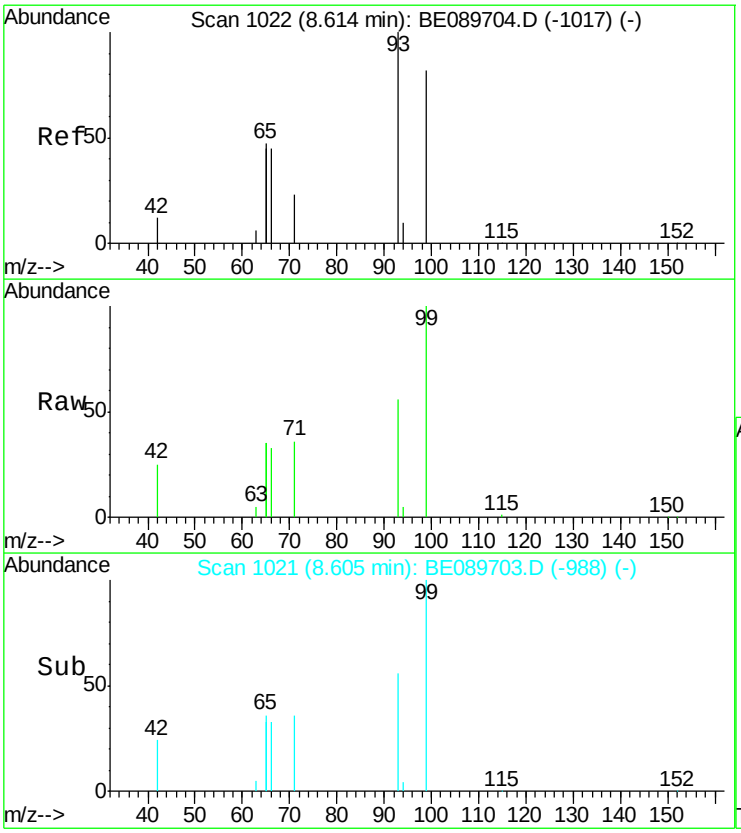
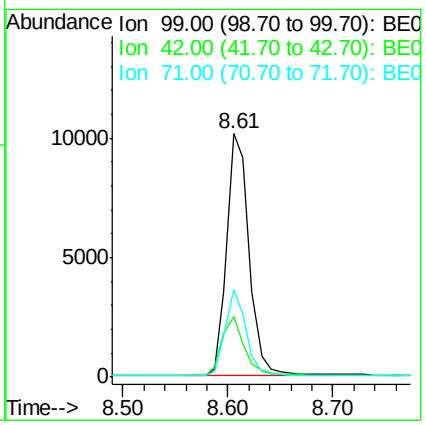
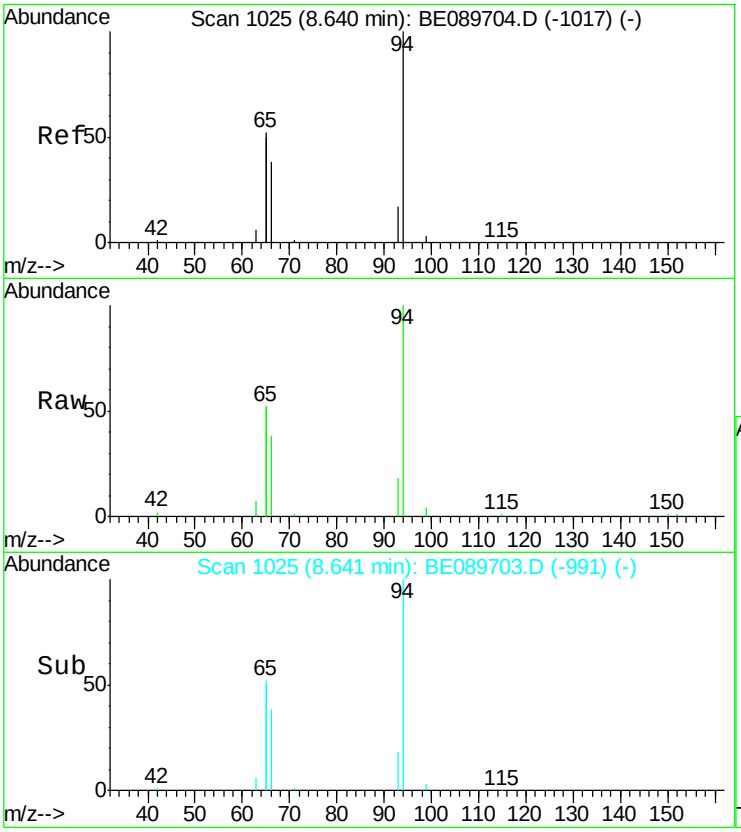


#4
Phenol-d6
Concen: 0.69 ng
RT: 8.61 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 99 Resp: 15035

Ion	Ratio	Lower	Upper
99	100		
42	24.7	12.3	18.5#
71	36.0	22.9	34.3#

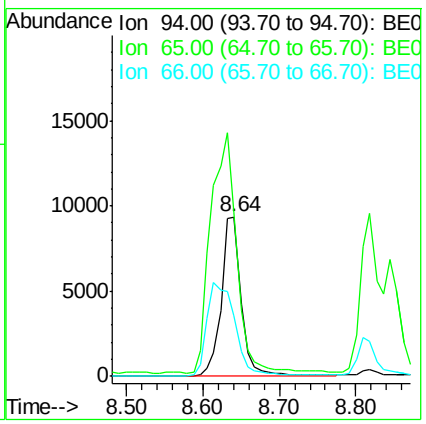




#5
Phenol
Concen: 0.72 ng
RT: 8.64 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 94 Resp: 16584

Ion	Ratio	Lower	Upper
94	100		
65	103.2	31.7	71.7#
66	38.0	17.9	57.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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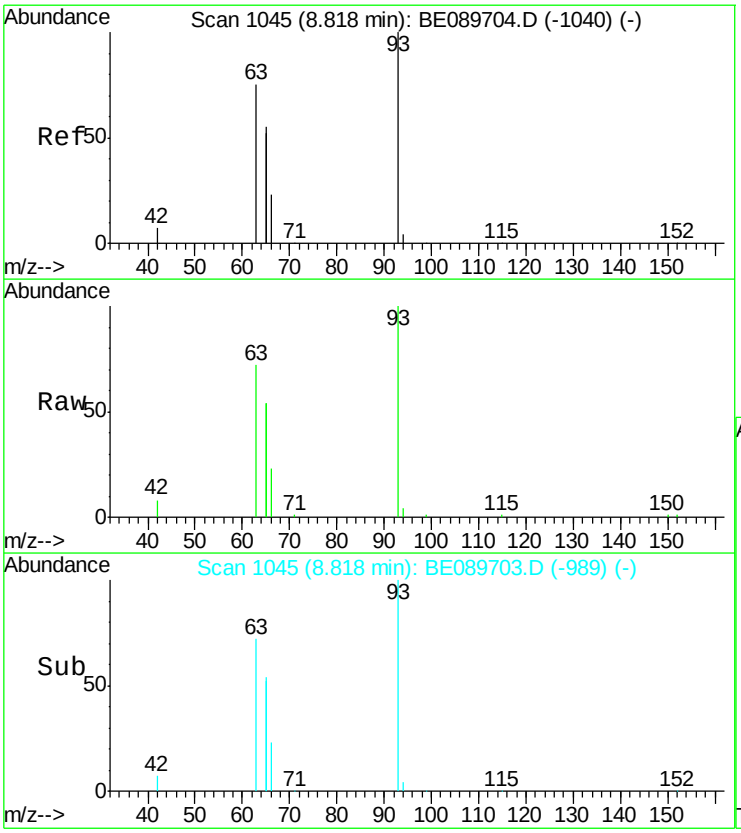
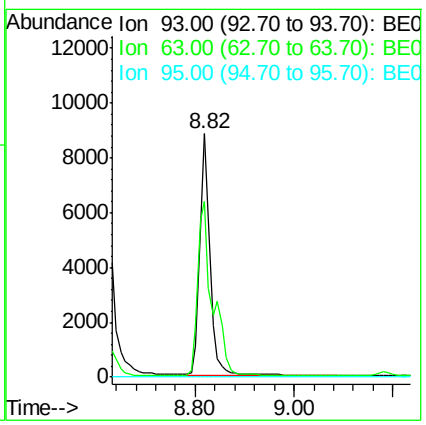
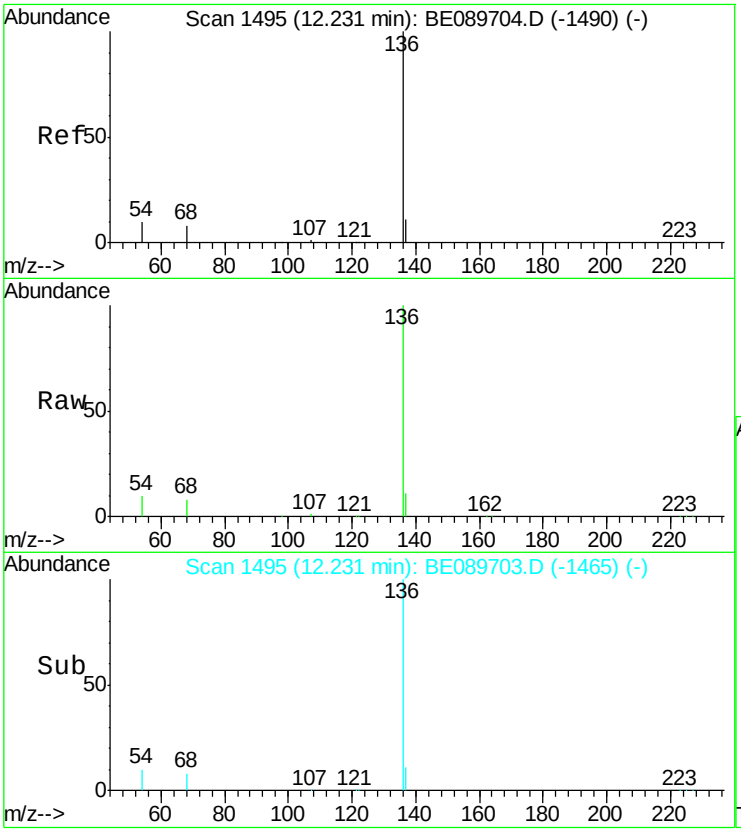


#6
bis(2-Chloroethyl)ether
Concen: 0.76 ng
RT: 8.82 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 93 Resp: 13169

Ion	Ratio	Lower	Upper
93	100		
63	101.6	83.8	125.8
95	0.0	0.0	0.0

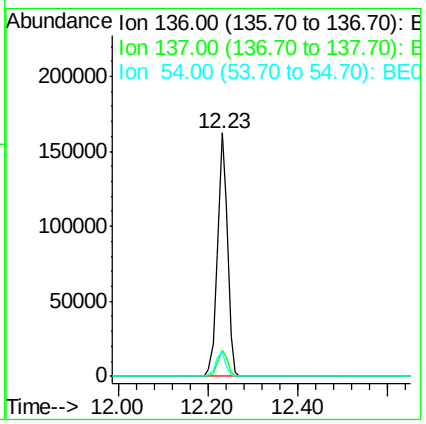




#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.23 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:136 Resp: 243752

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	10.0	8.1	12.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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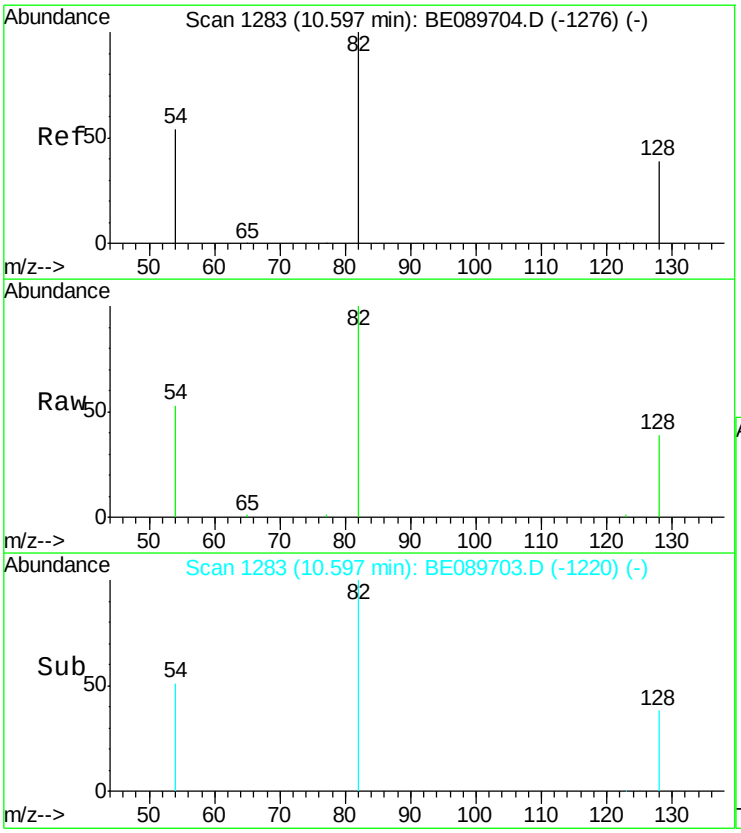
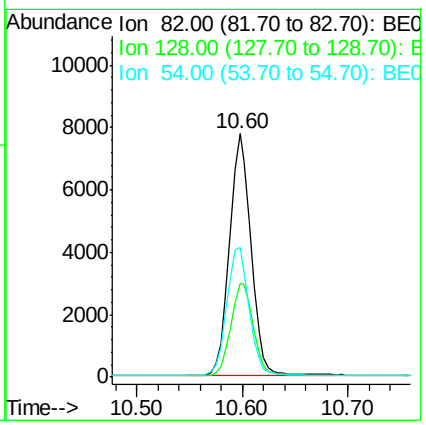
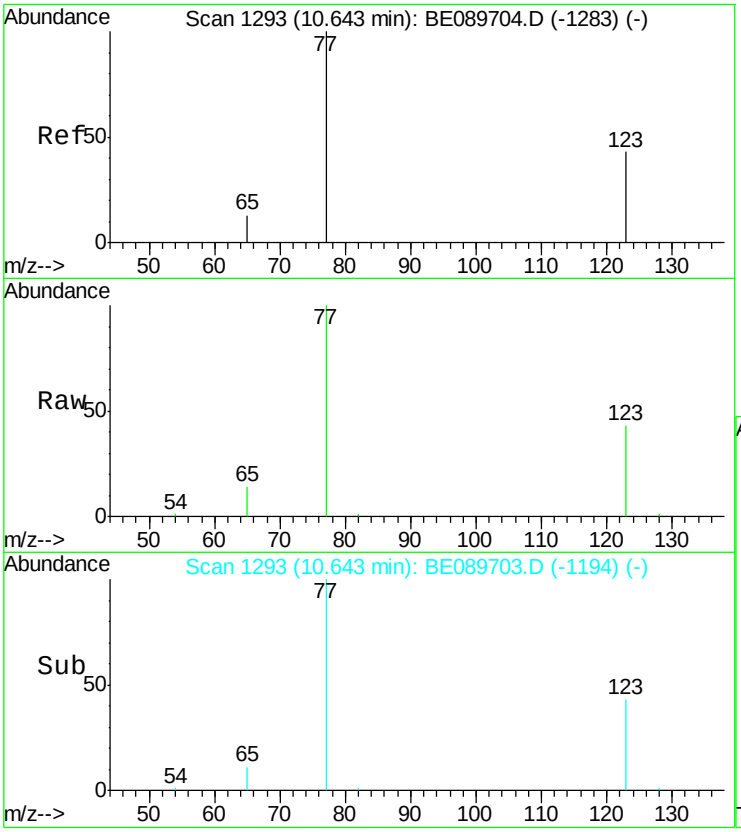


#8
Nitrobenzene-d5
Concen: 0.66 ng
RT: 10.60 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 82 Resp: 11006

Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.4	47.2
54	53.3	43.8	65.8

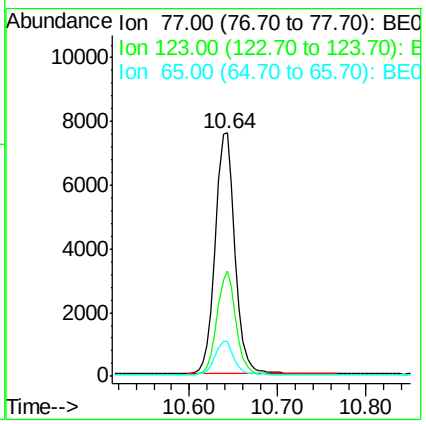




#9
Nitrobenzene
Concen: 0.62 ng
RT: 10.64 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion: 77 Resp: 11627

Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.2	49.8
65	13.4	10.6	15.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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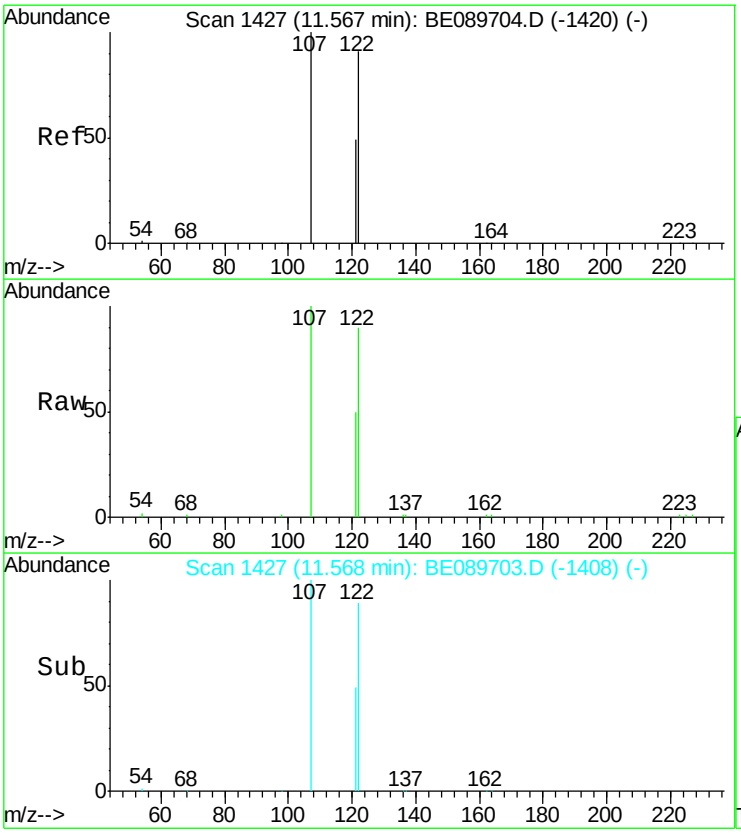
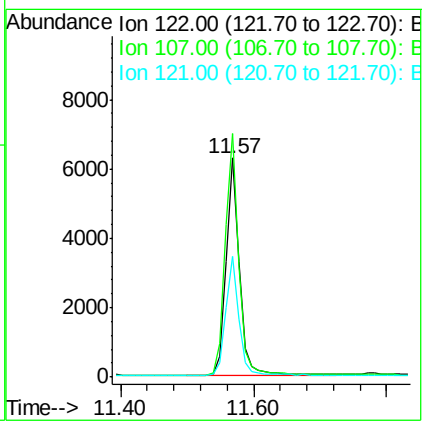
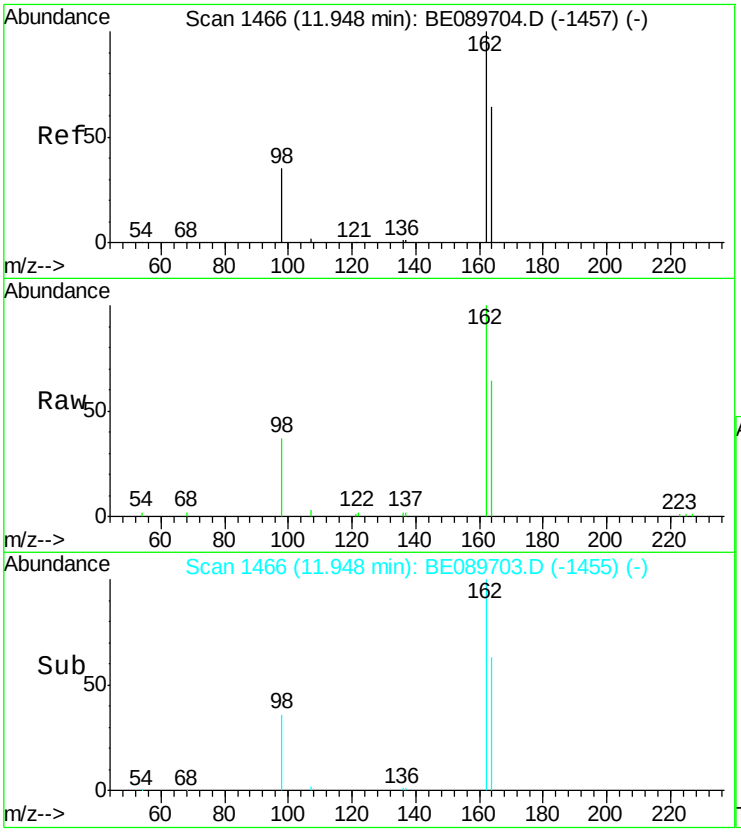


#10
2,4-Dimethylphenol
Concen: 0.61 ng
RT: 11.57 min Scan# 1427
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:122 Resp: 8833

Ion	Ratio	Lower	Upper
122	100		
107	111.3	87.6	131.4
121	55.2	43.4	65.2

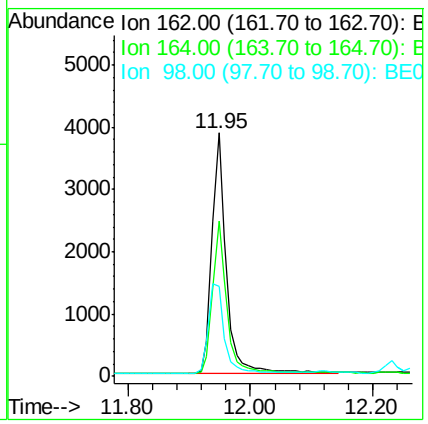




#11
2,4-Dichlorophenol
Concen: 0.58 ng
RT: 11.95 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:162 Resp: 6379

Ion	Ratio	Lower	Upper
162	100		
164	63.9	43.9	83.9
98	37.2	15.7	55.7



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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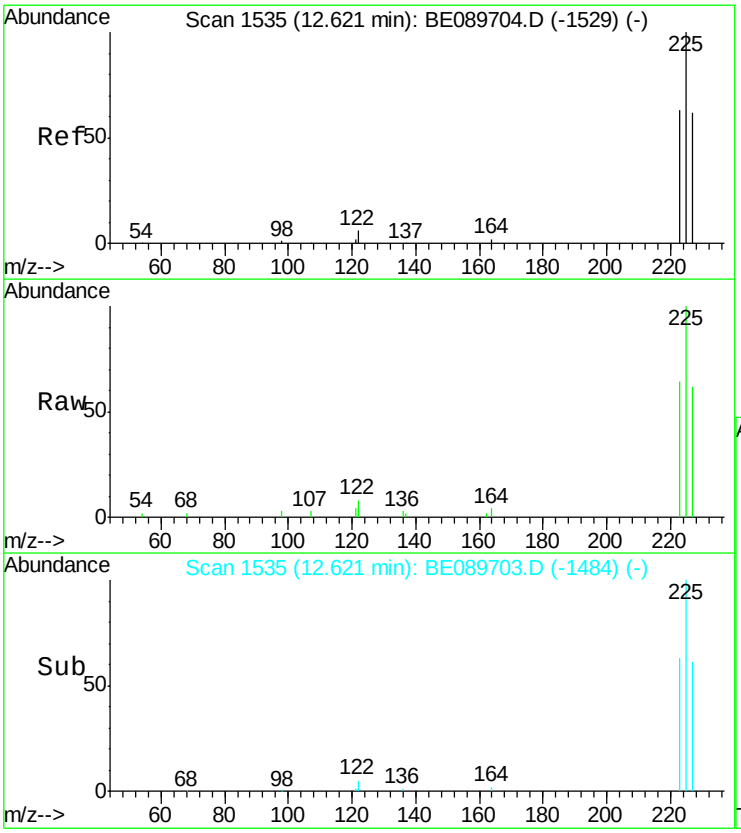
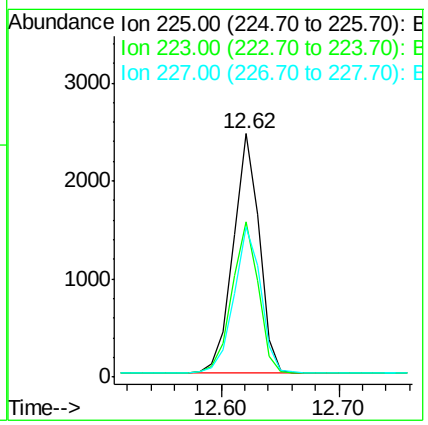
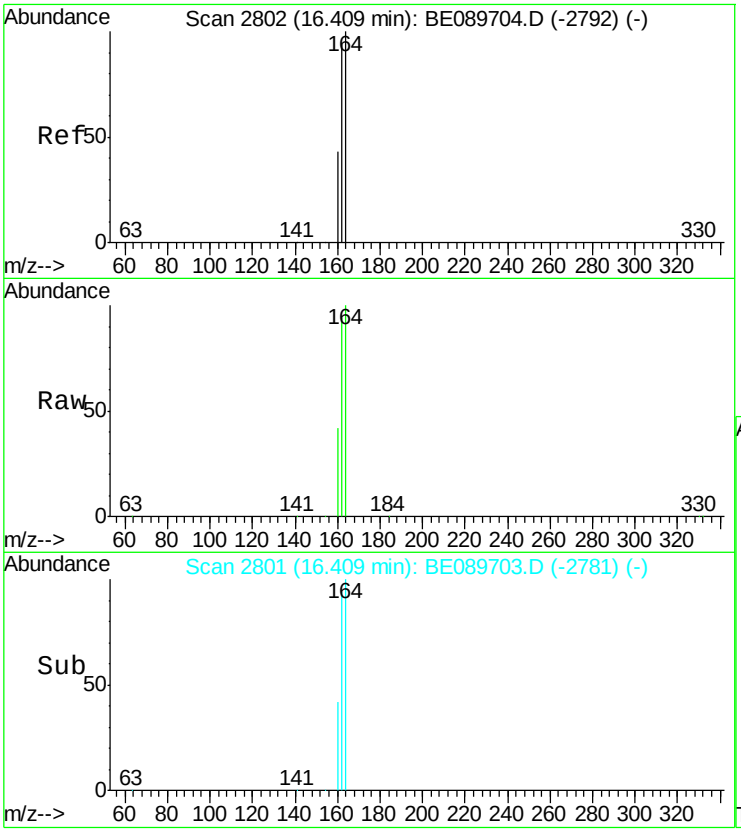


#12
Hexachlorobutadiene
Concen: 0.48 ng
RT: 12.62 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:225 Resp: 3722

Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	75.8
227	62.8	50.8	76.2





#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.41 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:164 Resp: 110284

Ion	Ratio	Lower	Upper
164	100		
162	94.0	75.0	112.6
160	42.1	34.3	51.5

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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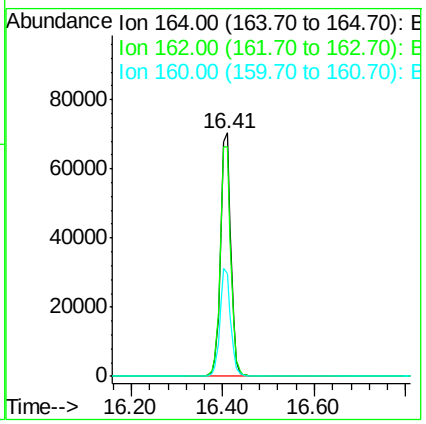
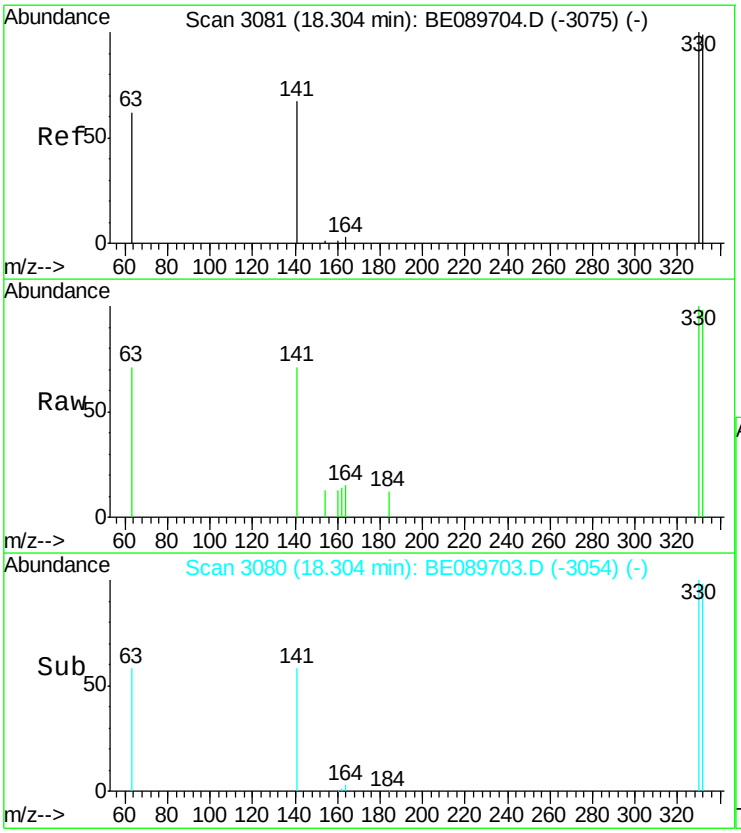
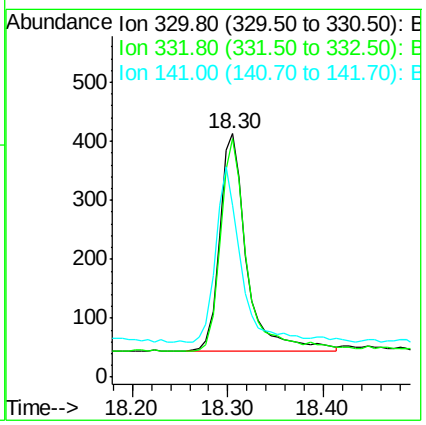


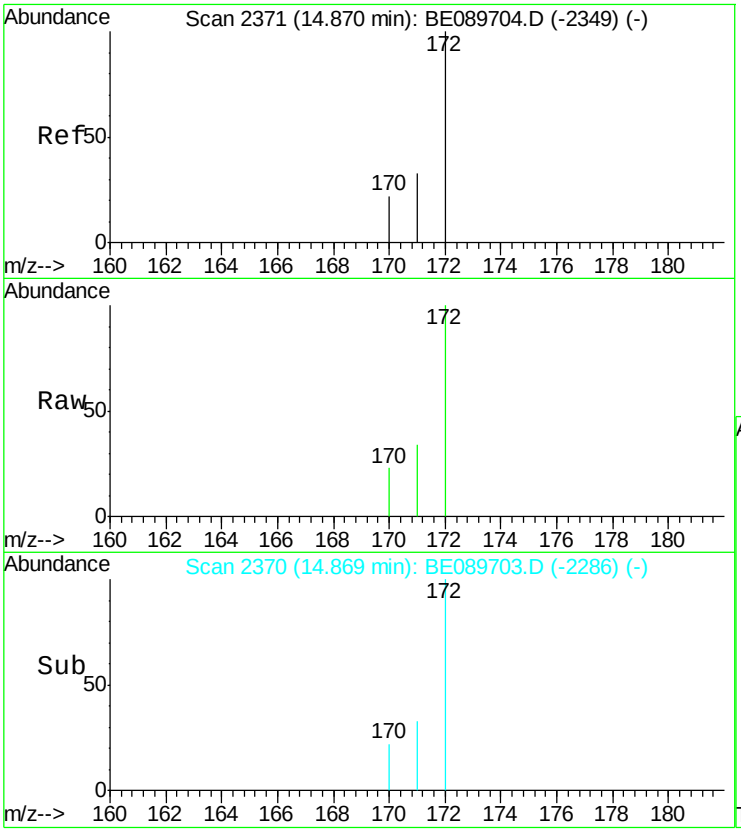


#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 18.30 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:330 Resp: 734

Ion	Ratio	Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	74.0	0.0	0.0#





#15
2-Fluorobiphenyl
Concen: 0.68 ng
RT: 14.87 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:172 Resp: 22201

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.8	40.2
170	22.7	18.0	27.0

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED
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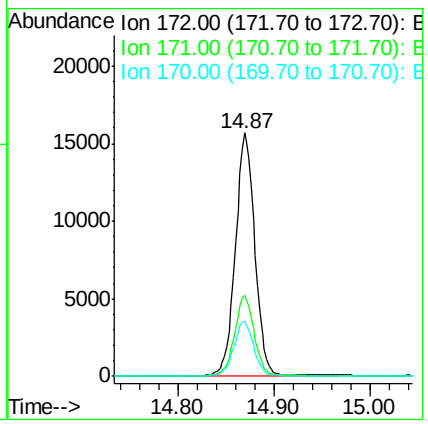
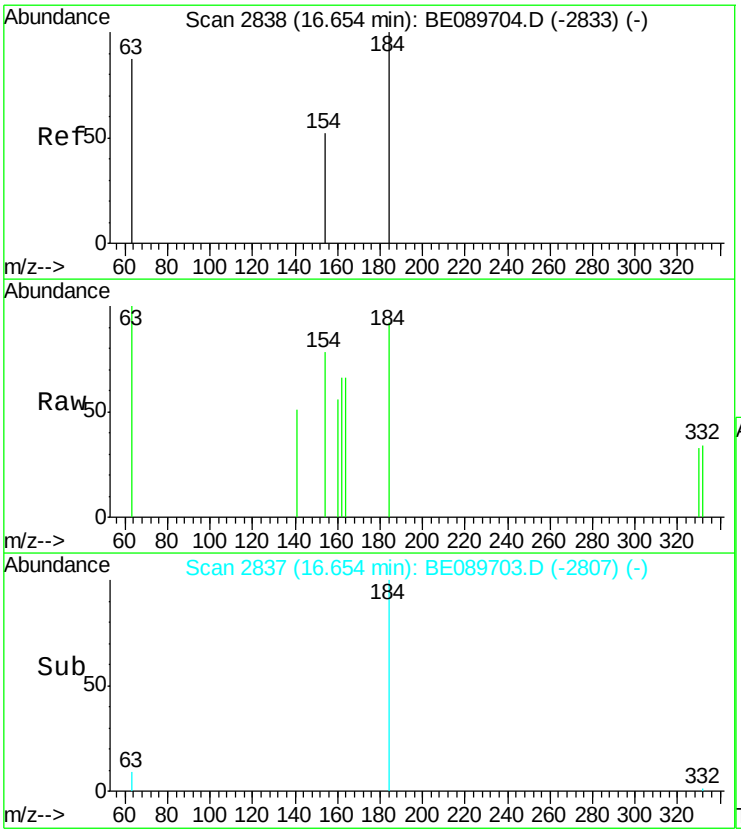
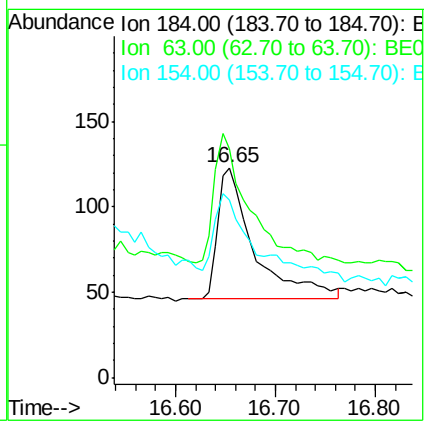


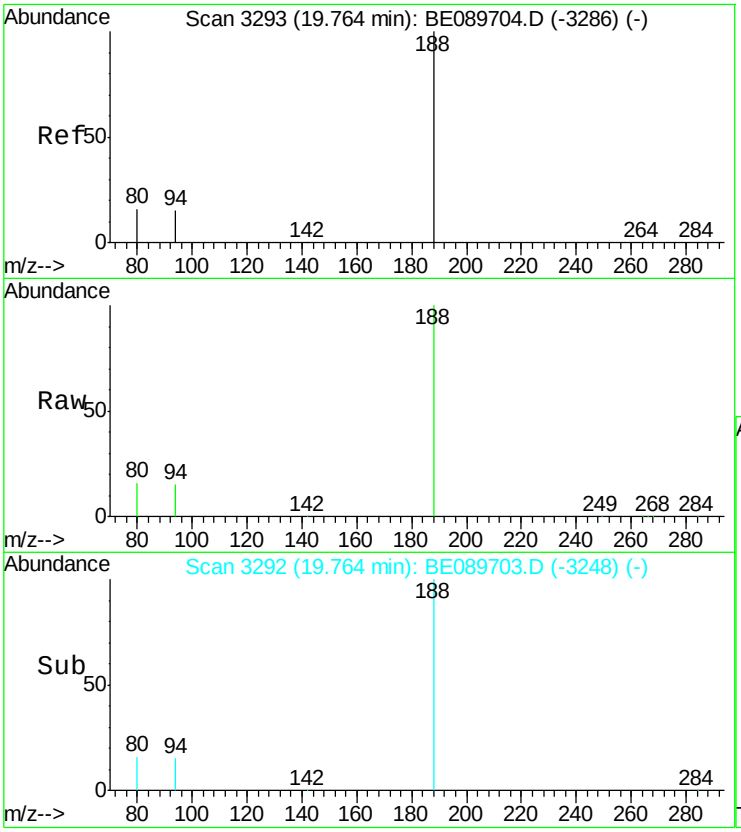


#16
2,4-Dinitrophenol
Concen: 0.80 ng
RT: 16.65 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:184 Resp: 195

Ion	Ratio	Lower	Upper
184	100		
63	108.9	82.4	123.6
154	84.6	61.4	92.2

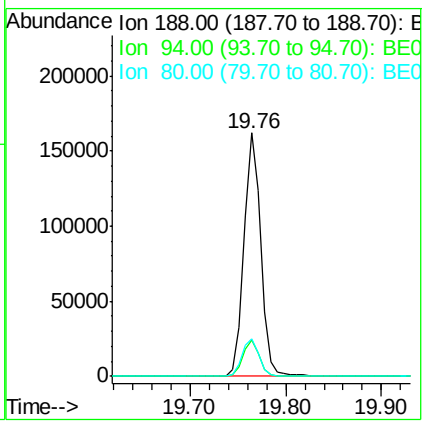




#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.76 min Scan# 3292
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:188 Resp: 200863

Ion	Ratio	Lower	Upper
188	100		
94	14.9	12.1	18.1
80	15.6	12.7	19.1



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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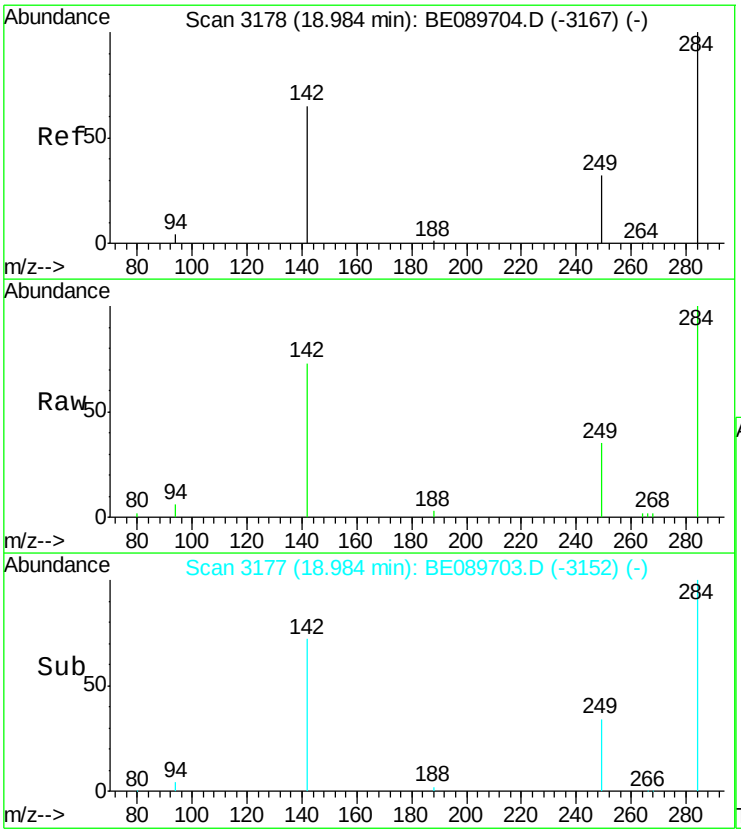
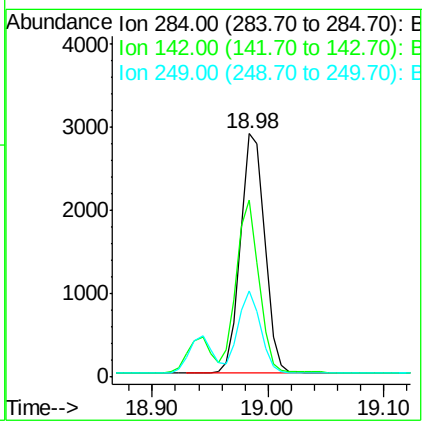
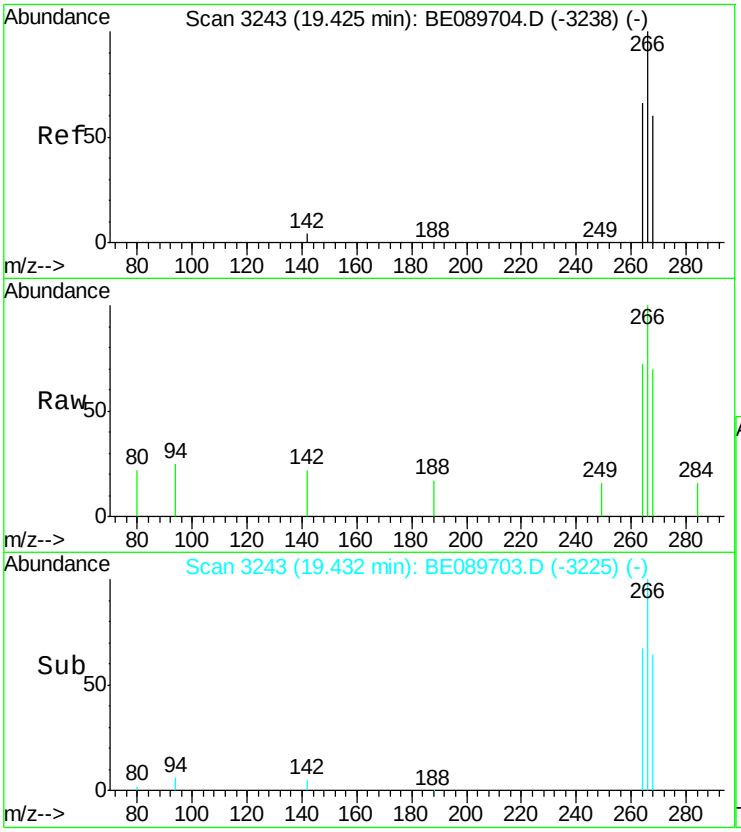


#18
Hexachlorobenzene
Concen: 0.48 ng
RT: 18.98 min Scan# 3177
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:284 Resp: 4176

Ion	Ratio	Lower	Upper
284	100		
142	72.7	52.2	78.4
249	35.5	26.4	39.6

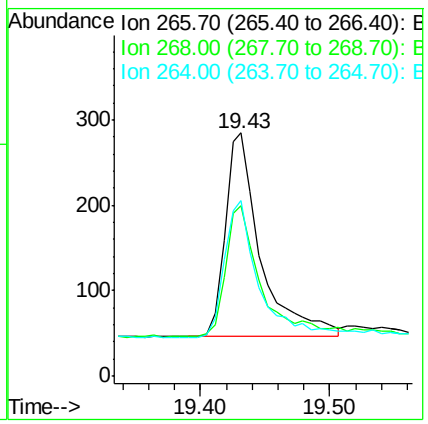




#19
Pentachlorophenol
Concen: 0.49 ng
RT: 19.43 min Scan# 3243
Delta R.T. 0.01 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:266 Resp: 456

Ion	Ratio	Lower	Upper
266	100		
268	70.2	51.4	77.2
264	72.3	55.8	83.8



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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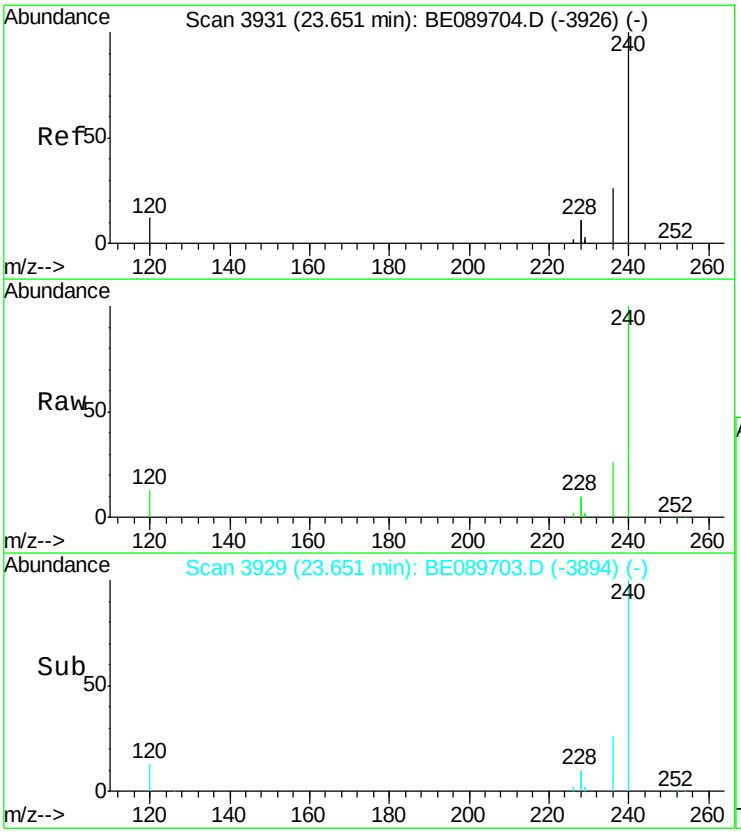
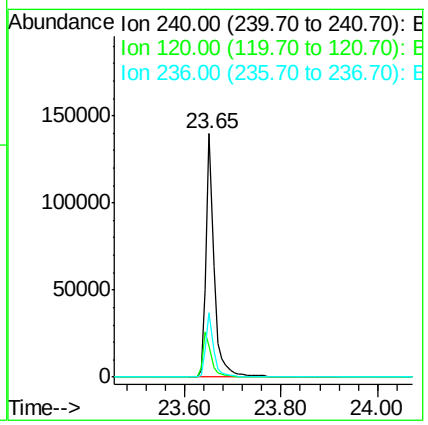
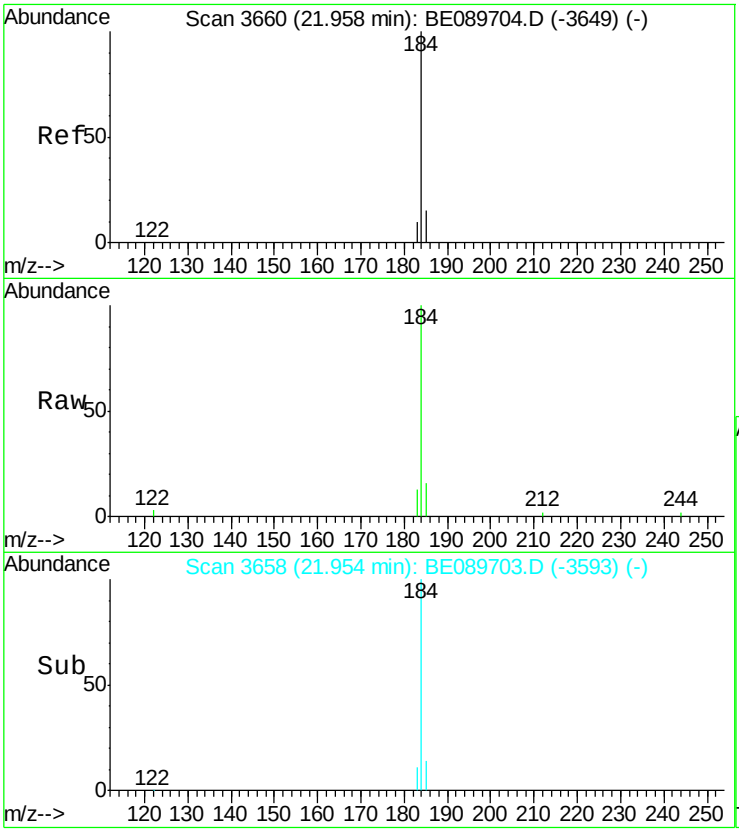


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.65 min Scan# 3929
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:240 Resp: 161364

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.9	14.9
236	26.3	21.0	31.6





#21
Benzidine
Concen: 0.34 ng
RT: 21.95 min Scan# 3658
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:184 Resp: 4277

Ion	Ratio	Lower	Upper
184	100		
185	15.7	12.8	19.2
183	12.7	8.8	13.2

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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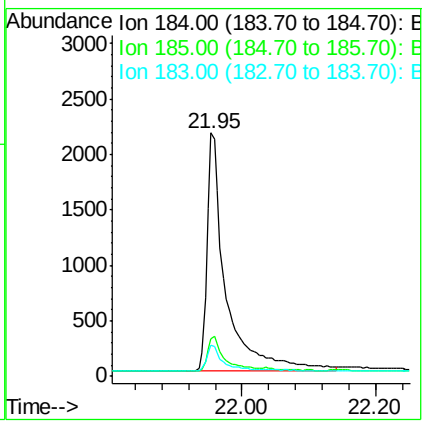
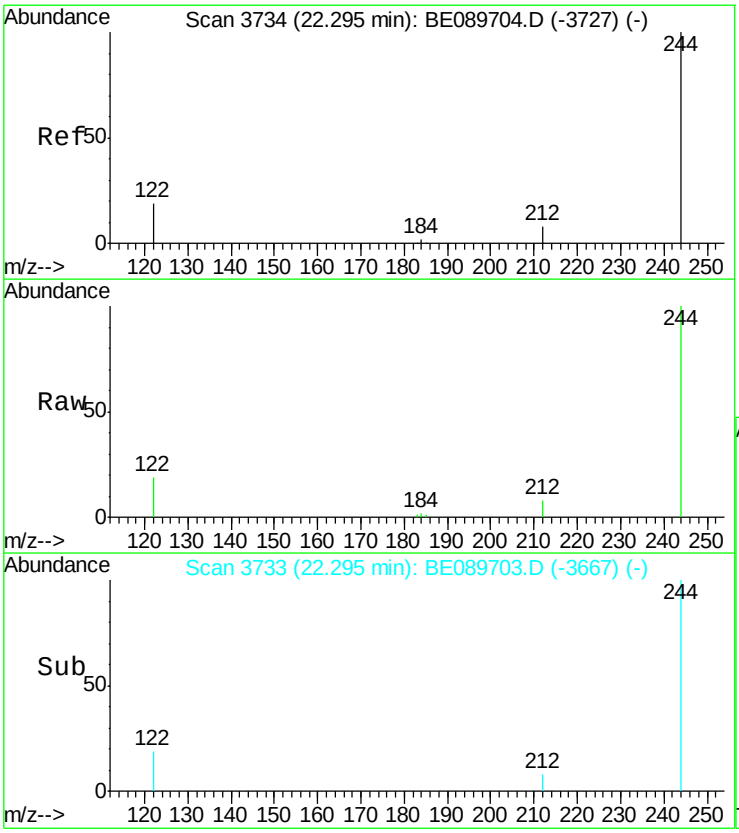
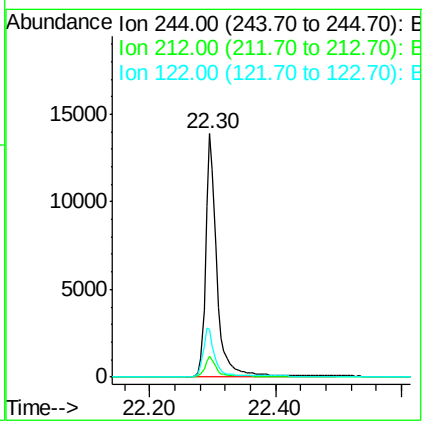


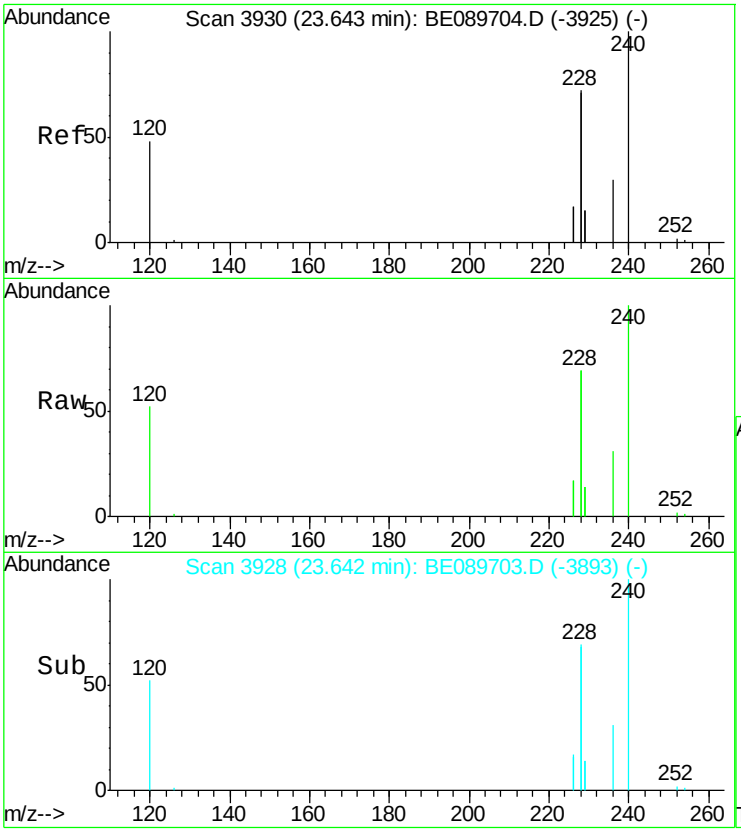


#22
Terphenyl-d14
Concen: 0.94 ng
RT: 22.30 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:244 Resp: 16630

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.7	10.1
122	19.5	15.7	23.5

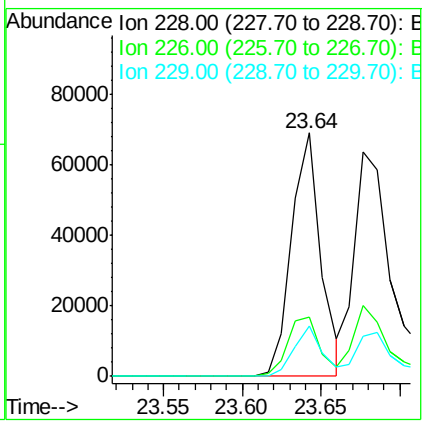




#23
Benzo(a)anthracene
Concen: 0.61 ng
RT: 23.64 min Scan# 3928
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:228 Resp: 88150

Ion	Ratio	Lower	Upper
228	100		
226	24.4	19.3	28.9
229	20.4	16.6	25.0



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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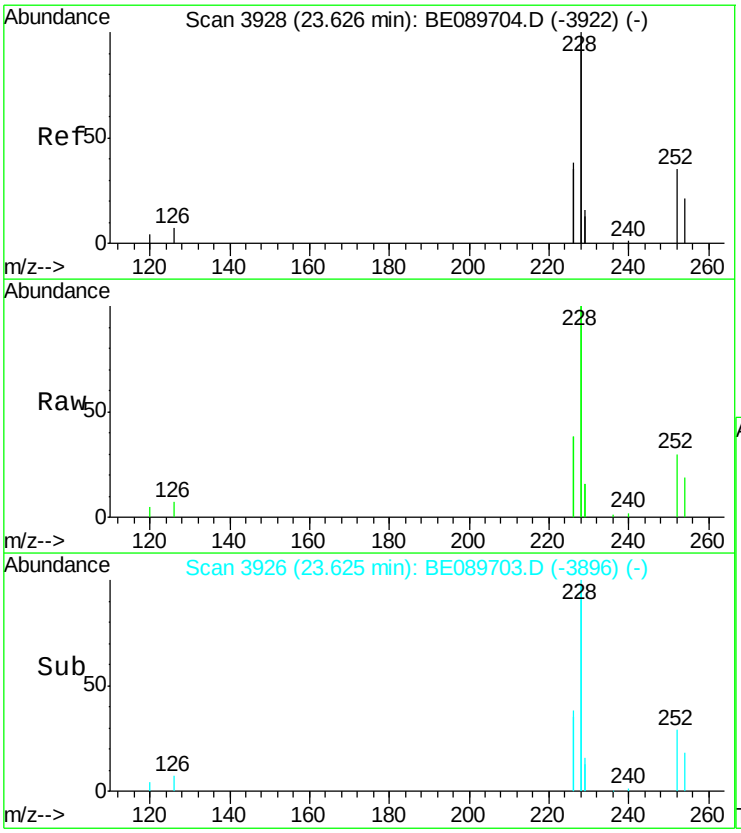
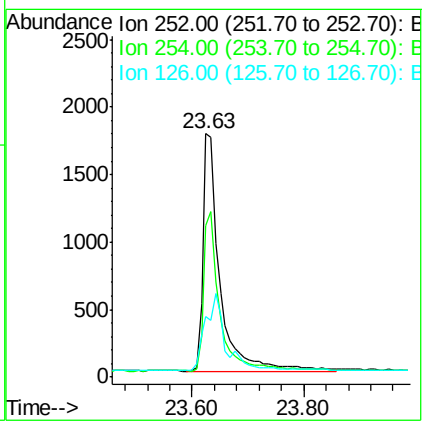
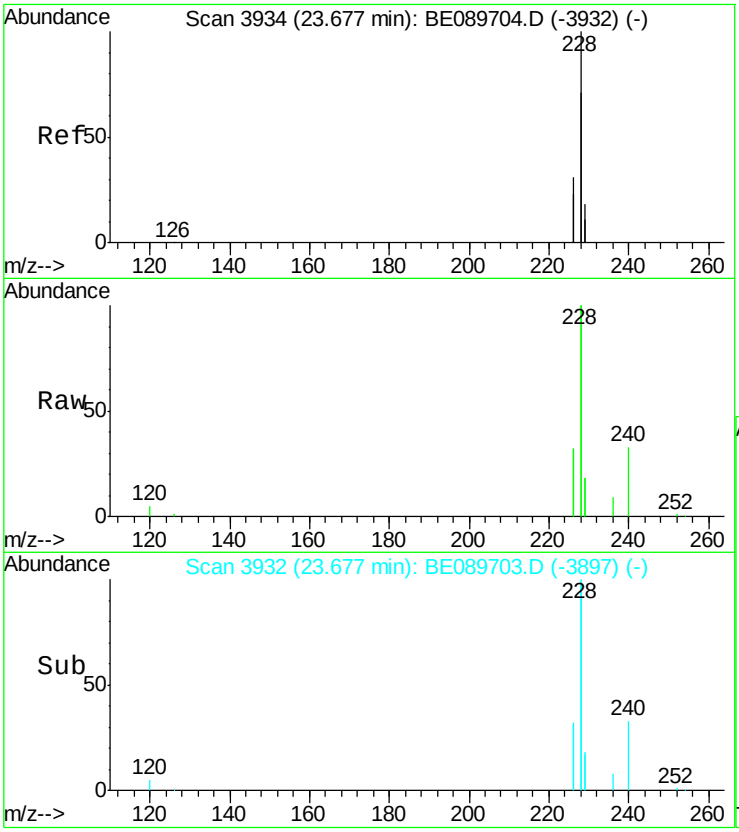


#24
3,3'-Dichlorobenzidine
Concen: 0.56 ng
RT: 23.63 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:252 Resp: 3714

Ion	Ratio	Lower	Upper
252	100		
254	62.0	49.4	74.2
126	24.7	17.4	26.2





#25
Chrysene
Concen: 0.65 ng
RT: 23.68 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:228 Resp: 114991

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.7	37.1
229	17.9	14.4	21.6

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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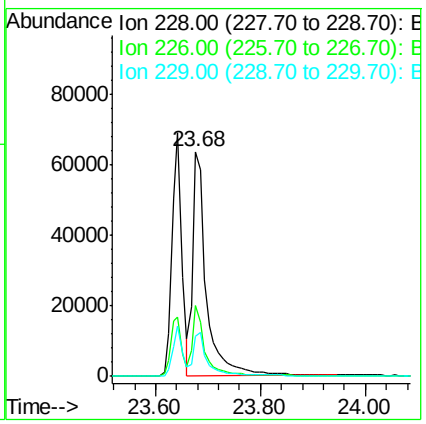
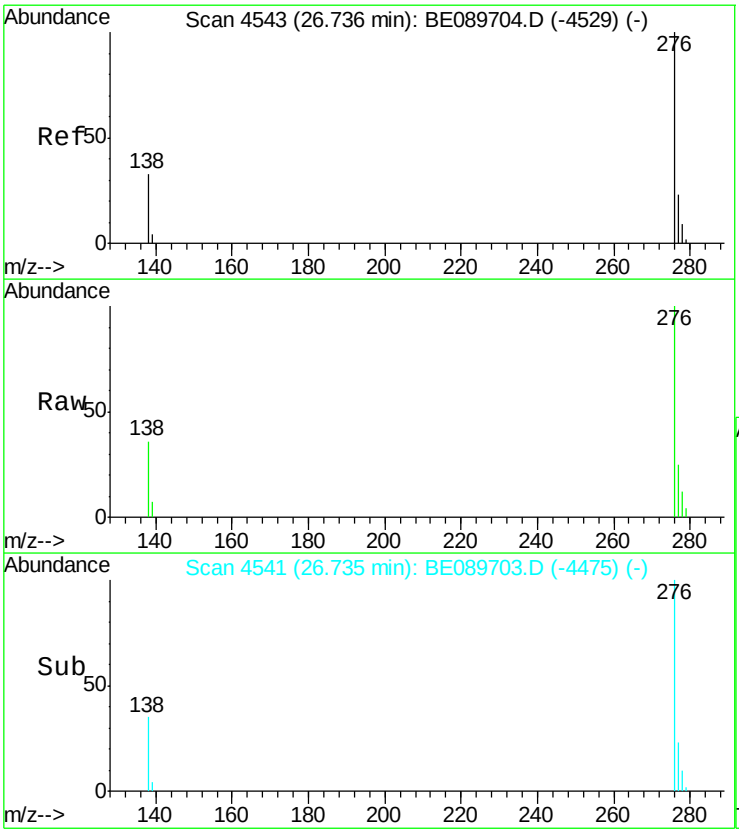
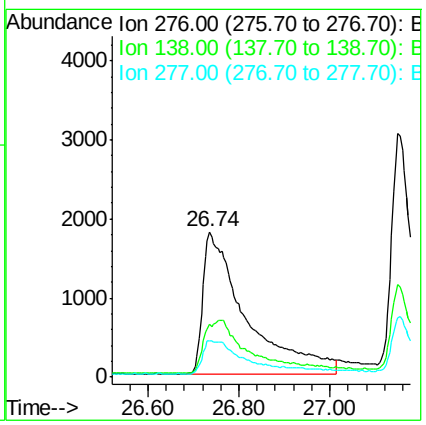


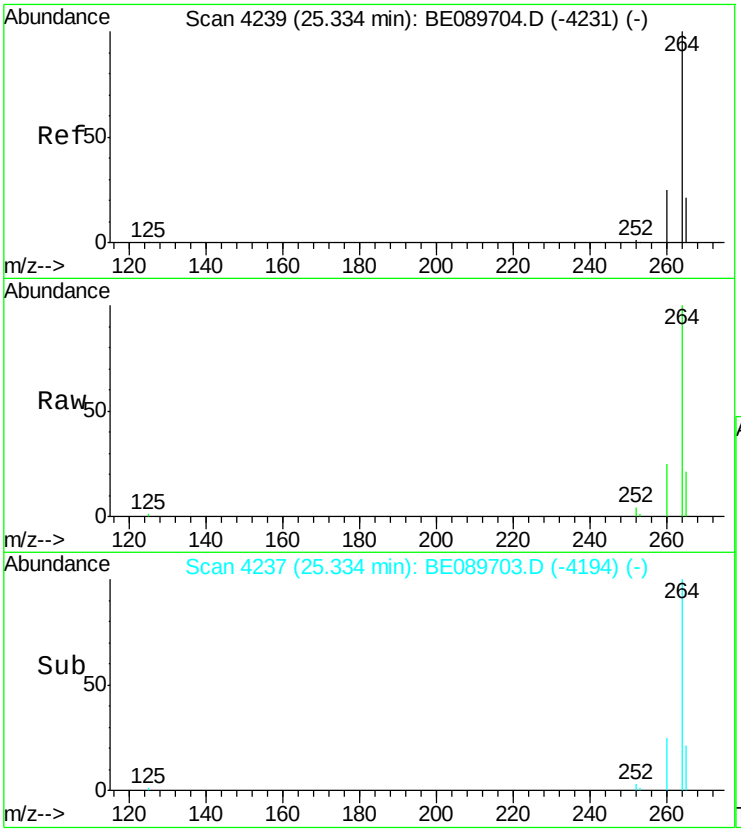


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.48 ng
RT: 26.74 min Scan# 4541
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:276 Resp: 11808

Ion	Ratio	Lower	Upper
276	100		
138	0.0	29.8	44.6#
277	6.9	19.8	29.6#

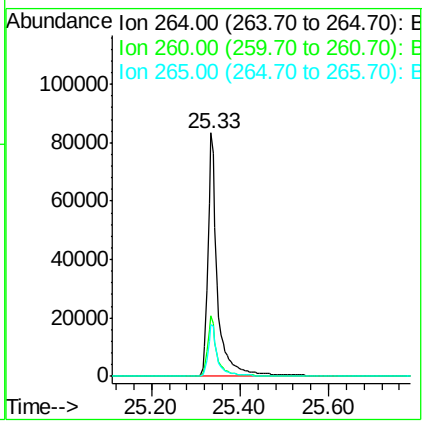




#27
Perylene-d12
Concen: 5.00 ng
RT: 25.33 min Scan# 4237
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:264 Resp: 126012

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	21.1	16.9	25.3



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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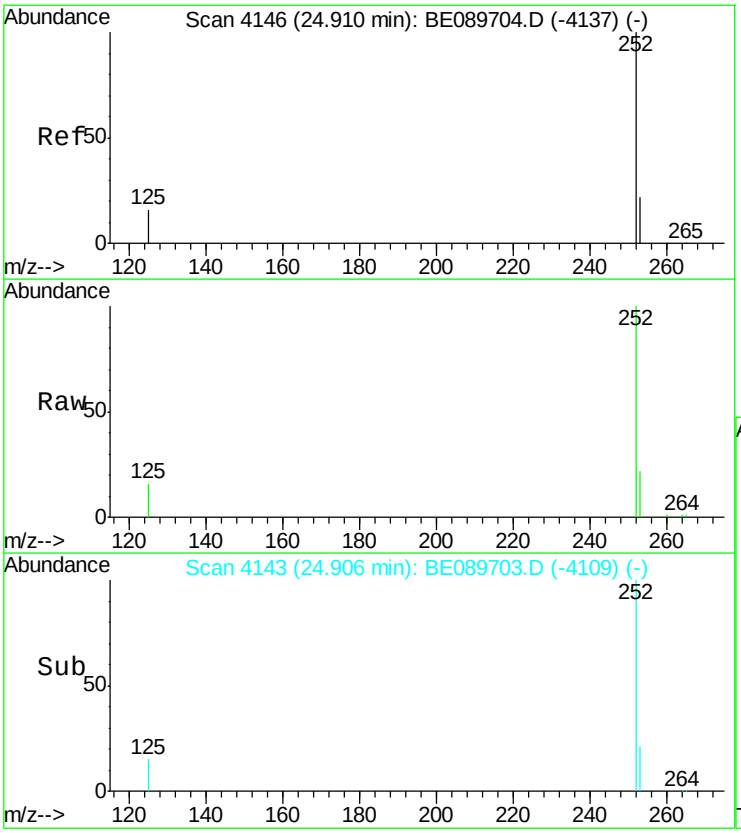
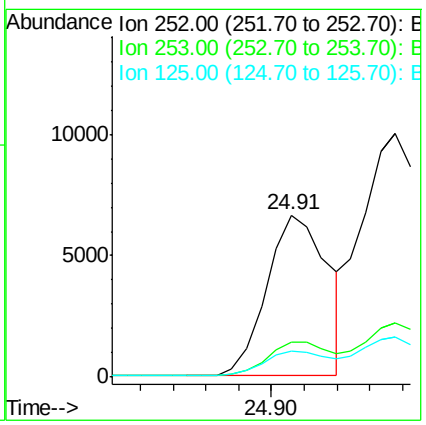
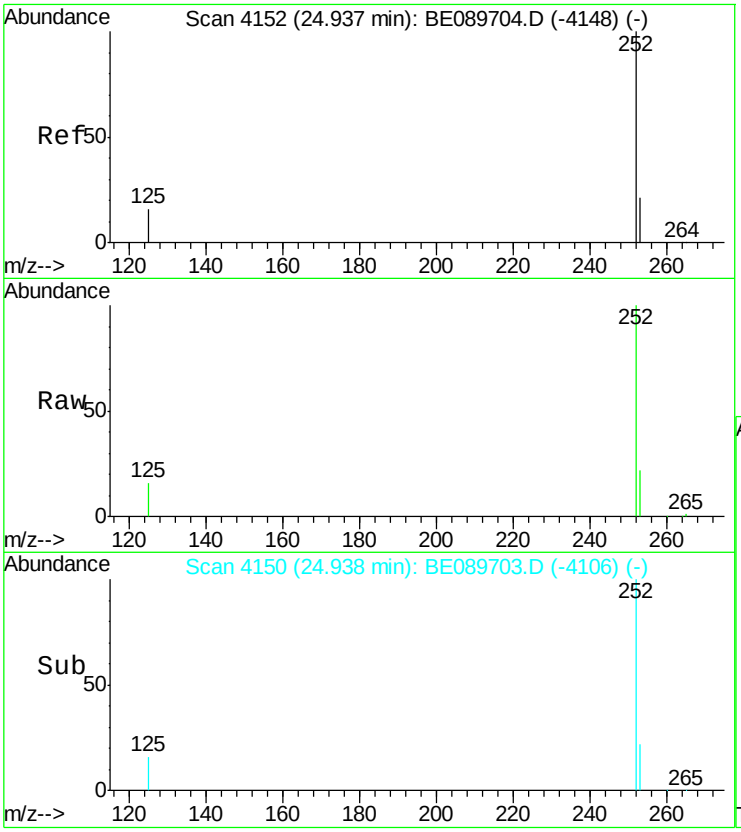


#28
Benzo(b)fluoranthene
Concen: 0.61 ng
RT: 24.91 min Scan# 4143
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:252 Resp: 8588

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	15.9	12.9	19.3

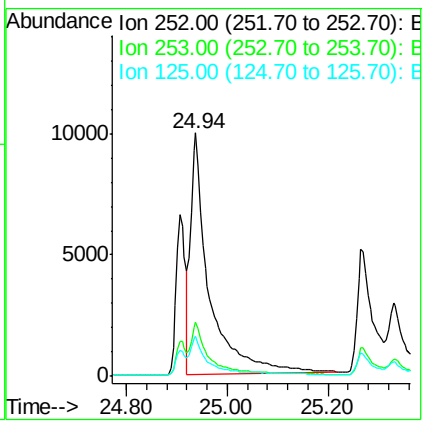




#29
Benzo(k)fluoranthene
Concen: 0.72 ng
RT: 24.94 min Scan# 4150
Delta R.T. 0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:252 Resp: 25394

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.3	25.9
125	16.3	12.9	19.3



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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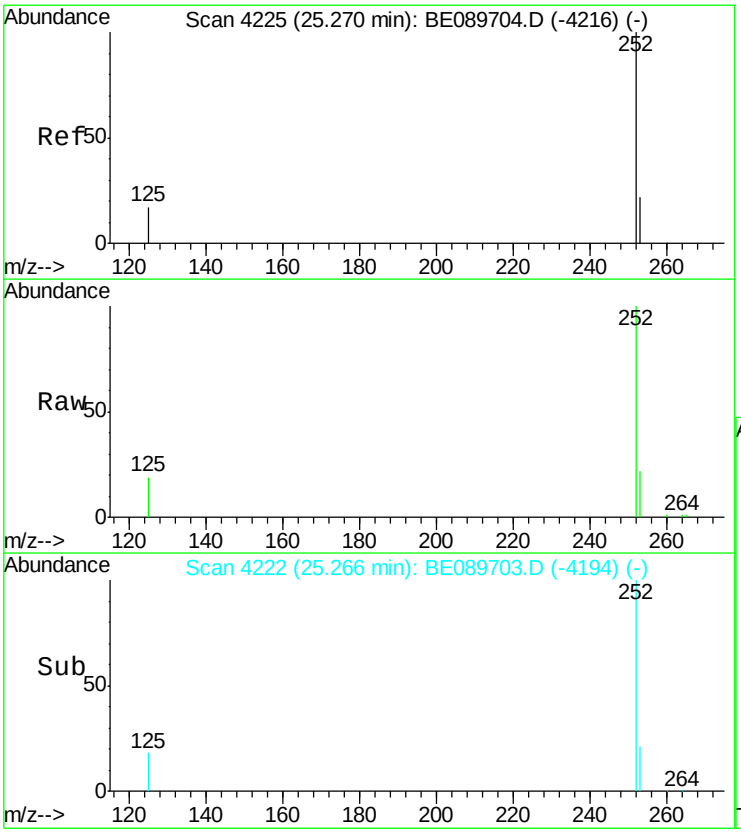
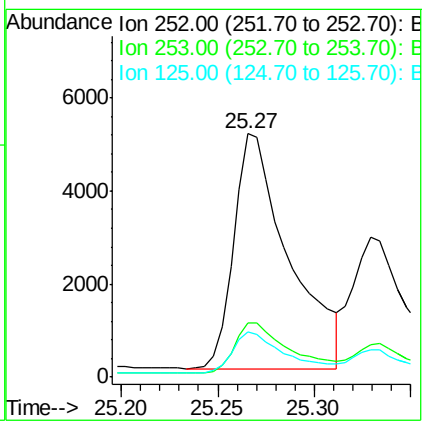
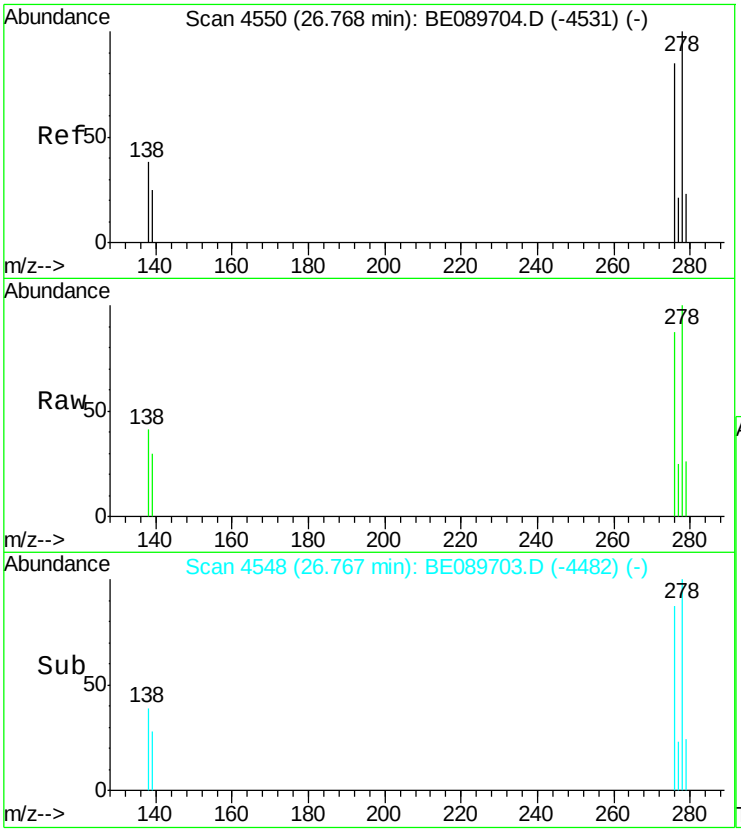


#30
Benzo(a)pyrene
Concen: 0.67 ng
RT: 25.27 min Scan# 4222
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:252 Resp: 9994

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	18.6	14.0	21.0

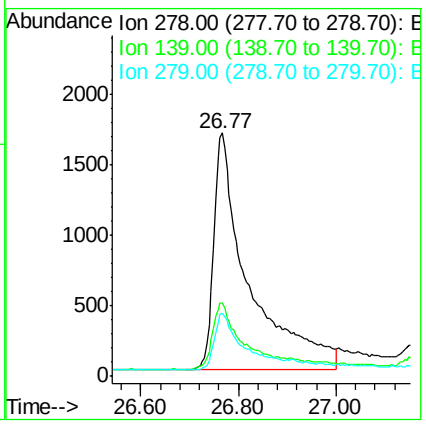




#31
Dibenzo(a,h)anthracene
Concen: 0.63 ng
RT: 26.77 min Scan# 4548
Delta R.T. -0.00 min
Lab File: BE089703.D
Acq: 26 Feb 2015 23:26

Tgt Ion:278 Resp: 8365

Ion	Ratio	Lower	Upper
278	100		
139	30.0	21.1	31.7
279	26.0	19.3	28.9



Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

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