Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089864.D
Acq On : 26 Mar 2015 19:29
Operator : TP/JJ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICCC001

Quant Time: Mar 27 02:15:43 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE032615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 27 01:45:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	86028	5.00	ng		0.00
4) Naphthalene-d8	10.23	136	368103	5.00	ng		0.00
8) Acenaphthene-d10	14.36	164	209980	5.00	ng		0.00
13) Phenanthrene-d10	17.89	188	400778	5.00	ng		0.00
19) Chrysene-d12	24.23	240	414734	5.00	ng		0.00
25) Perylene-d12	27.38	264	384310	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	8.66	82	20864	0.98	ng		0.00
9) 2-Fluorobiphenyl	12.83	172	52449	1.05	ng		0.00
21) Terphenyl-d14	21.83	244	60890	0.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	10807	0.91	ng		90
3) n-Nitrosodimethylamine	2.91	42	12790	0.80	ng	#	72
6) Naphthalene	10.28	128	78586	1.06	ng		95
7) 2-Methylnaphthalene	11.91	142	51562	1.24	ng		99
10) Acenaphthylene	14.01	152	318959	1.05	ng		99
11) Acenaphthene	14.44	154	47559	1.02	ng		88
12) Fluorene	15.68	166	62926	1.10	ng		92
14) Hexachlorobenzene	16.95	284	13080	0.98	ng		96
15) Pentachlorophenol	17.48	266	6639	1.36	ng		99
16) Phenanthrene	17.94	178	90989	1.02	ng		100
17) Anthracene	18.06	178	83459	1.05	ng		99
18) Fluoranthene	20.79	202	92504	1.13	ng		98
20) Pyrene	21.31	202	98097	0.93	ng		99
22) Benzo(a)anthracene	24.21	228	83914	1.06	ng		98
23) Chrysene	24.29	228	88452	1.04	ng		99
24) Indeno(1,2,3-cd)pyrene	29.35	276	74948m	1.46	ng		
26) Benzo(b)fluoranthene	26.61	252	88540m	1.43	ng		
27) Benzo(k)fluoranthene	26.67	252	113051	1.36	ng	#	95
28) Benzo(a)pyrene	27.26	252	83567m	1.44	ng		
29) Dibenzo(a,h)anthracene	29.41	278	58513	1.40	ng	#	78
30) Benzo(g,h,i)perylene	29.79	276	70530	1.18	ng	#	89

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE032615\
Data File : BE089864.D
Acq On : 26 Mar 2015 19:29
Operator : TP/JJ
Sample : SSTDICCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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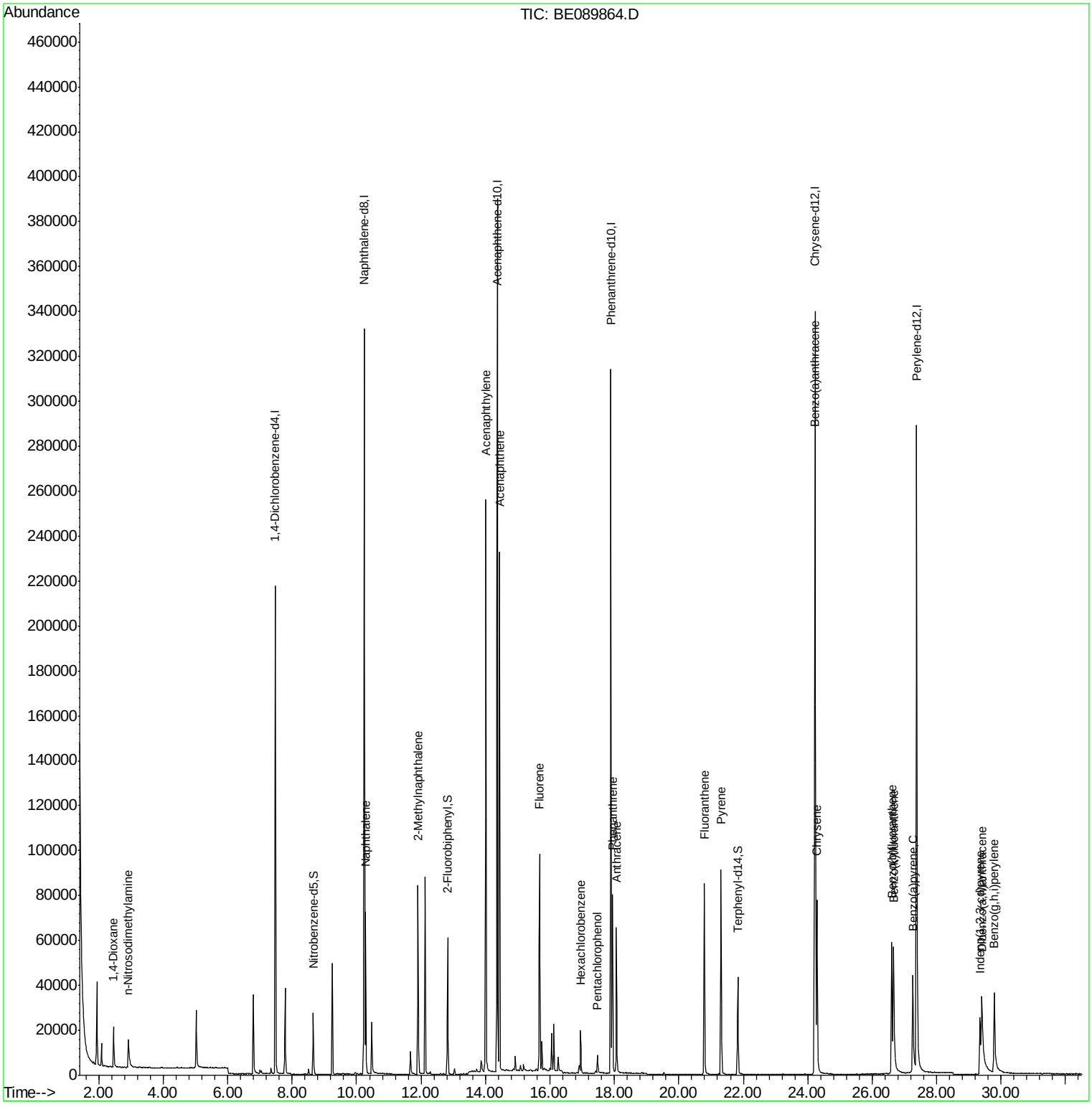
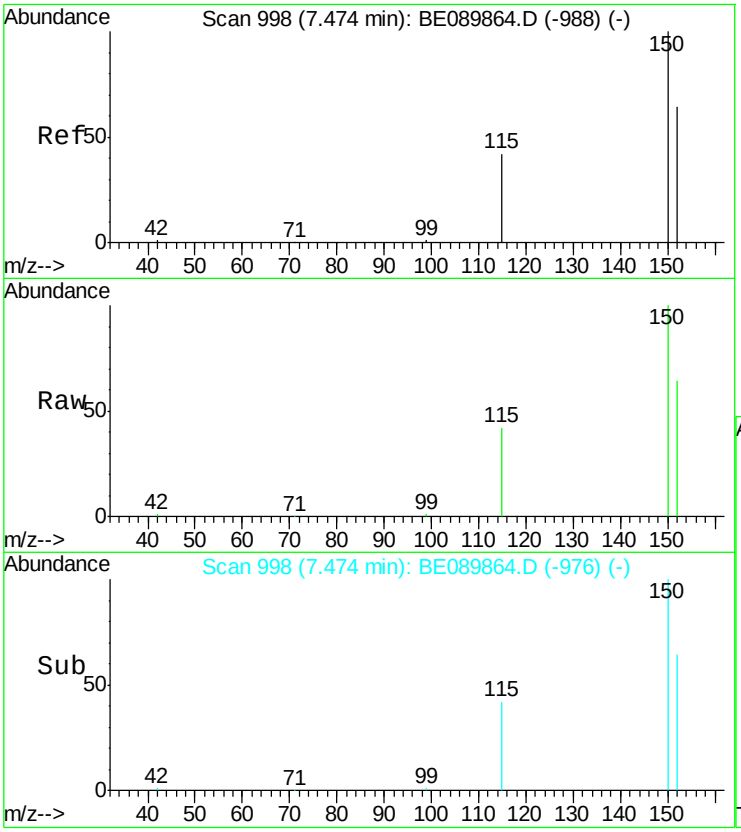


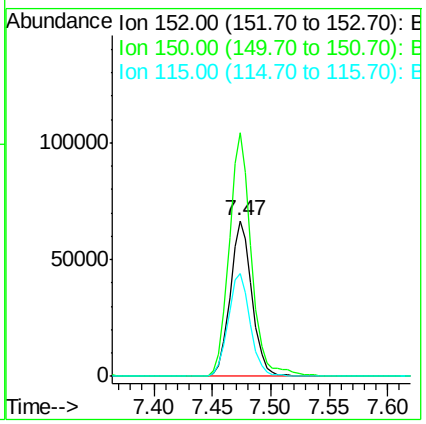


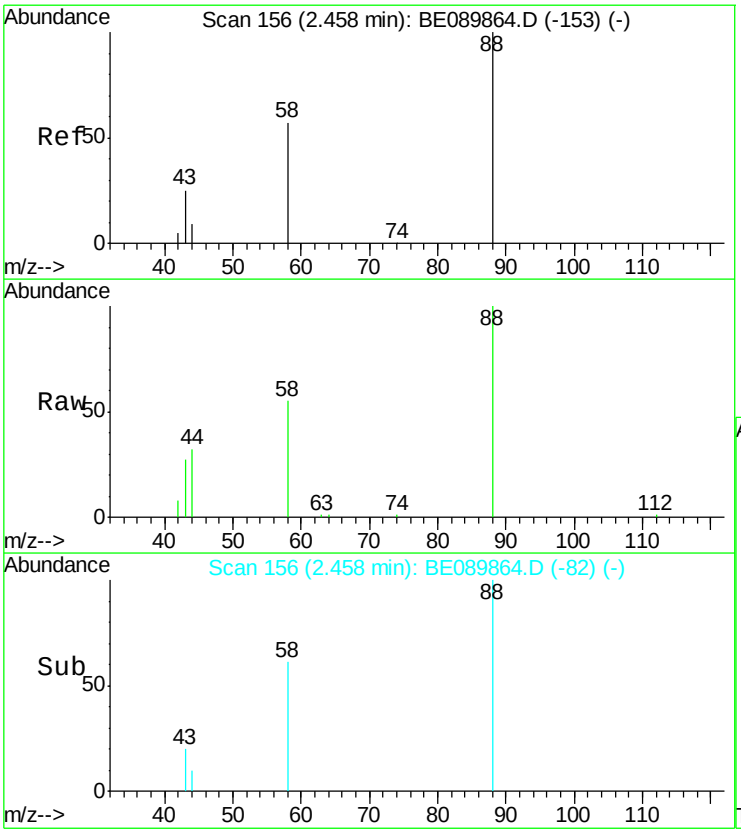
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.47 min Scan# 998
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:152 Resp: 86028

Ion	Ratio	Lower	Upper
152	100		
150	156.4	125.5	188.3
115	66.5	58.0	87.0

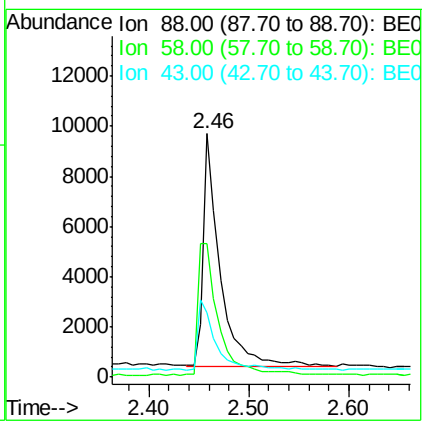


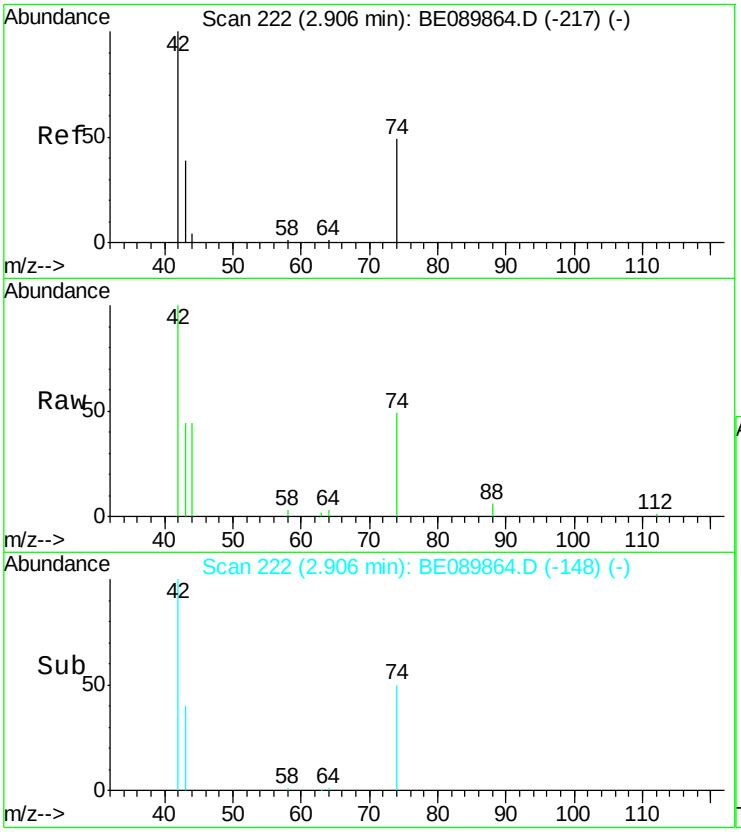


#2
1,4-Dioxane
Concen: 0.91 ng
RT: 2.46 min Scan# 156
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion: 88 Resp: 10807

Ion	Ratio	Lower	Upper
88	100		
58	70.2	48.6	72.8
43	32.0	28.6	43.0



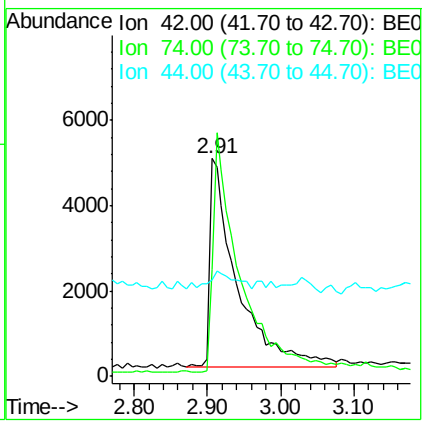


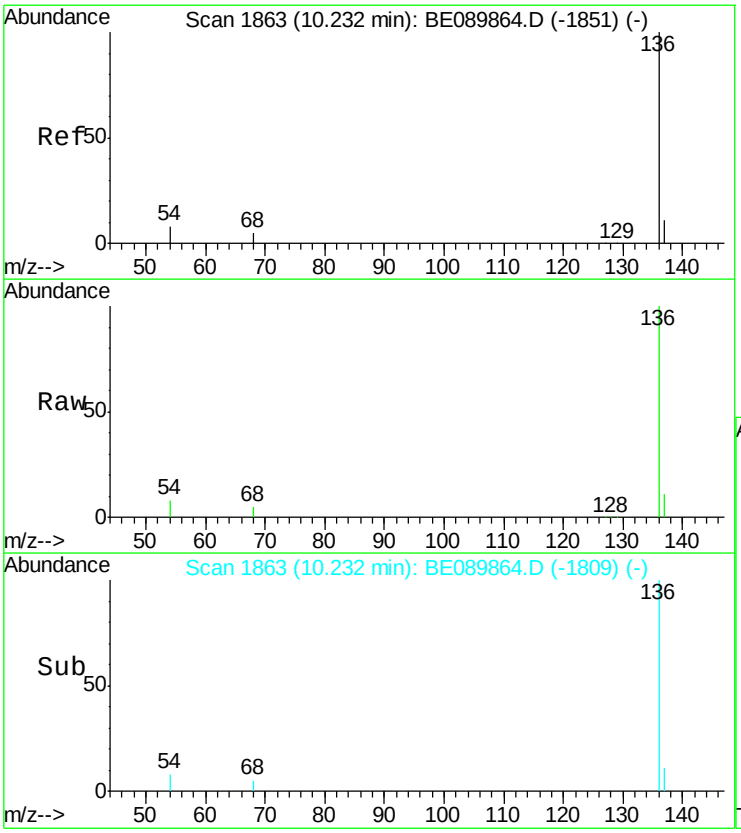
#3
n-Nitrosodimethylamine
Concen: 0.80 ng
RT: 2.91 min Scan# 222
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 42 Resp: 12790

Ion	Ratio	Lower	Upper
42	100		
74	113.1	68.7	103.1#
44	10.3	6.2	9.4#

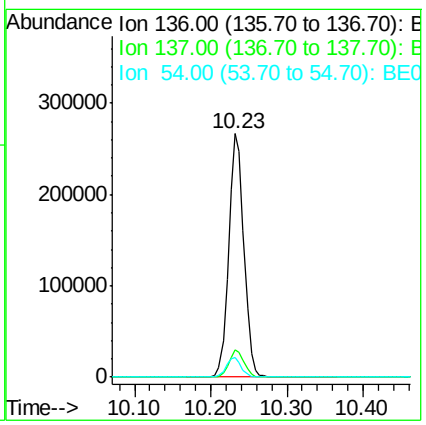


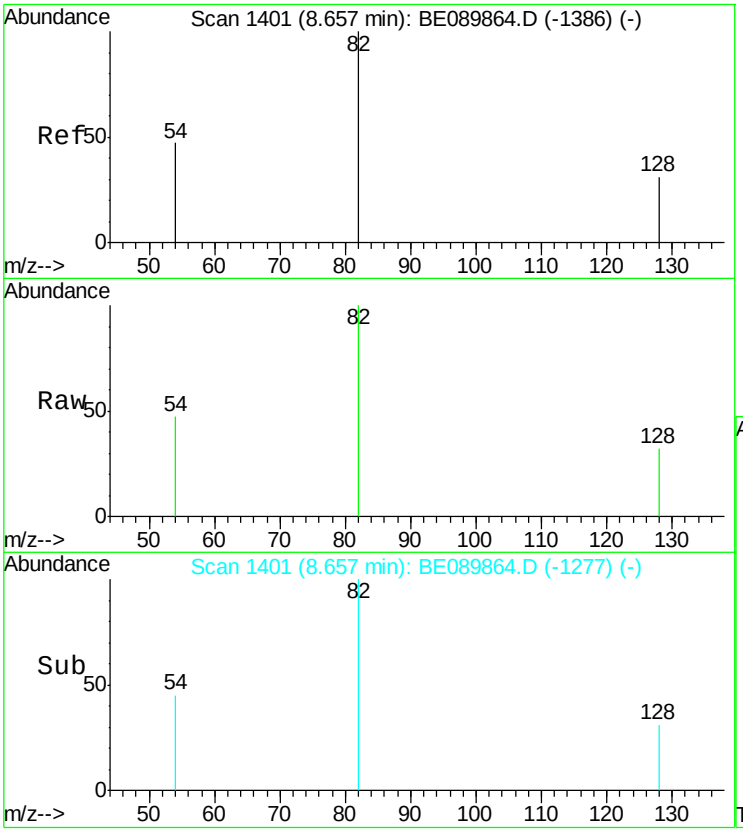


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 10.23 min Scan# 1863
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:136 Resp: 368103

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	7.8	7.0	10.4



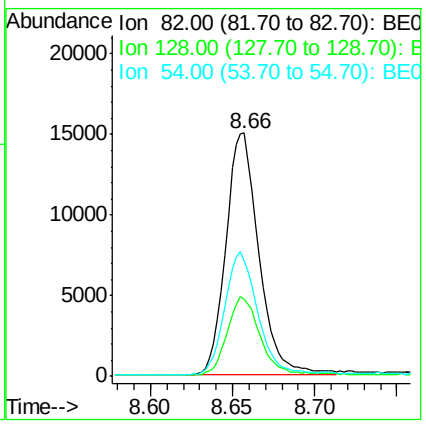


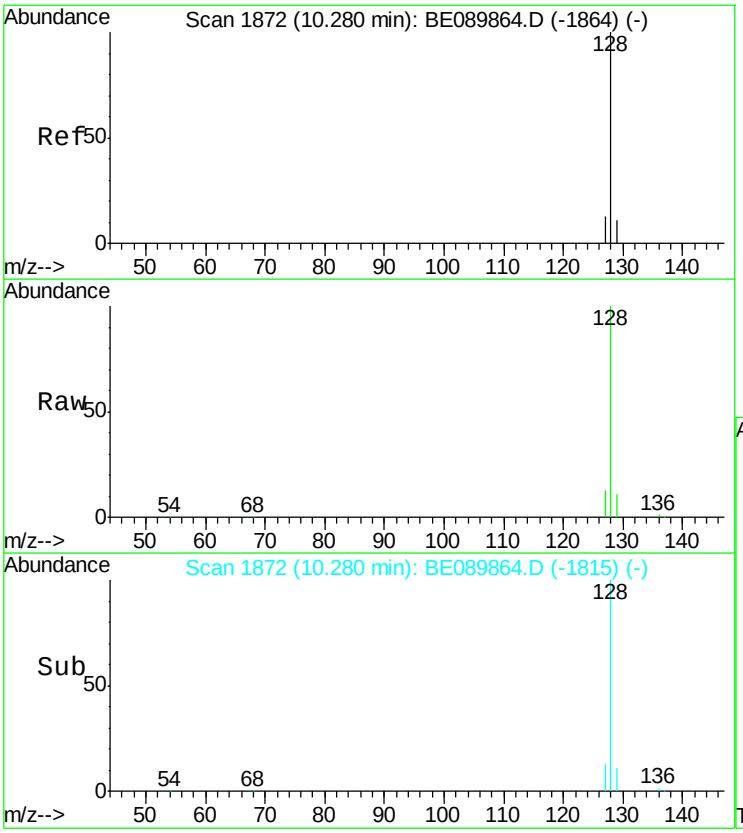
#5
Nitrobenzene-d5
Concen: 0.98 ng
RT: 8.66 min Scan# 1401
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion: 82 Resp: 20864

Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.6	37.0
54	47.4	43.0	64.6

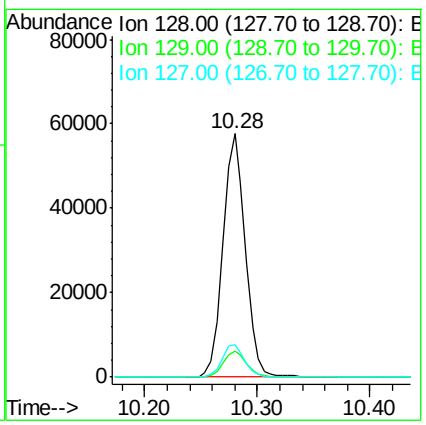


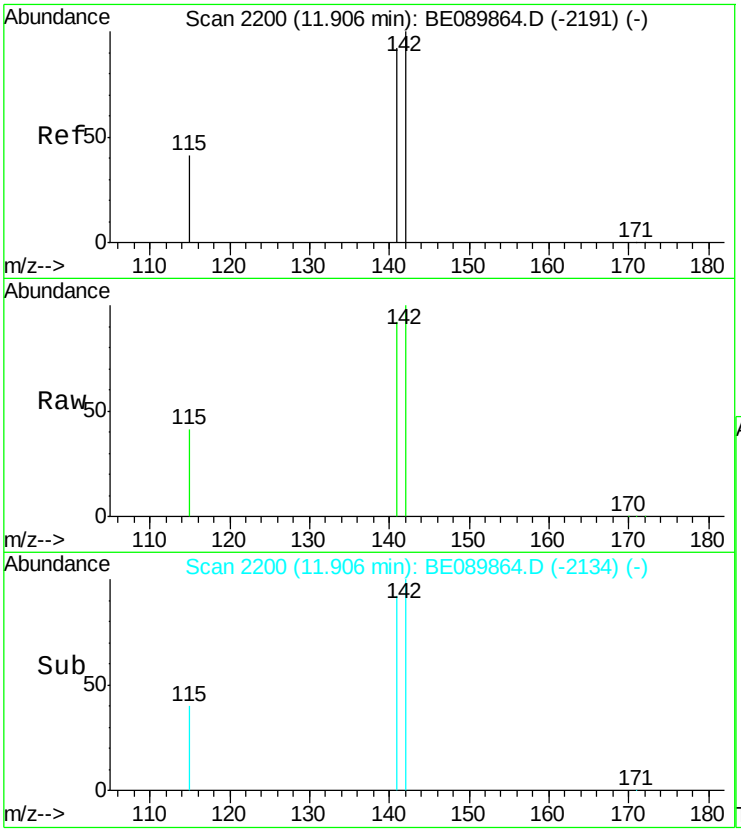


#6
Naphthalene
Concen: 1.06 ng
RT: 10.28 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:128 Resp: 78586

Ion	Ratio	Lower	Upper
128	100		
129	10.7	10.0	15.0
127	13.4	12.5	18.7



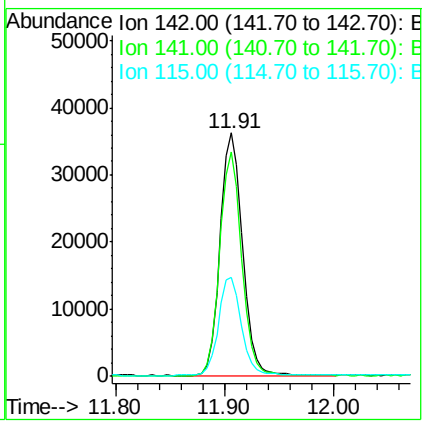


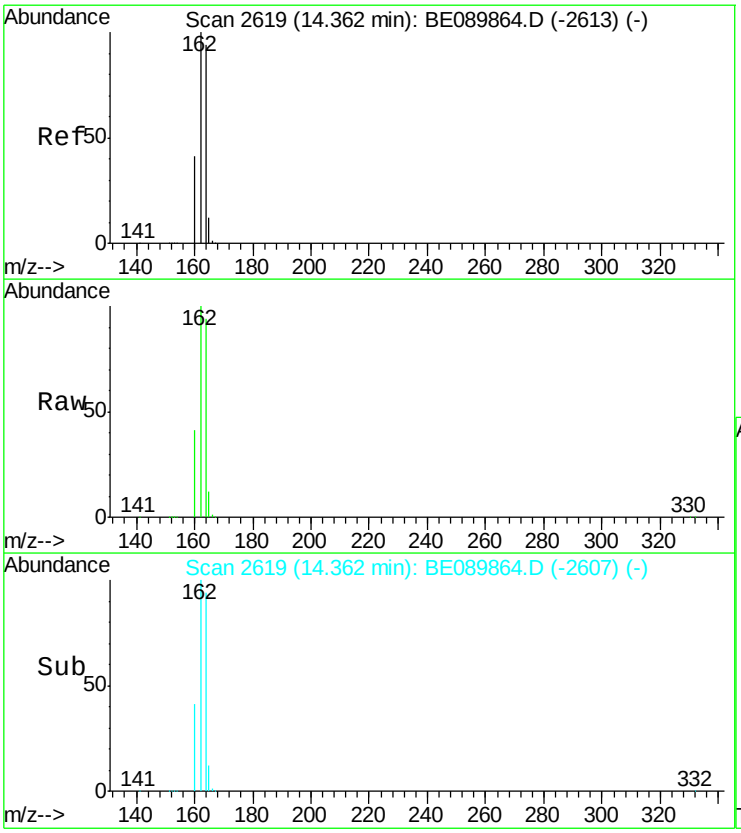
#7
2-Methylnaphthalene
Concen: 1.24 ng
RT: 11.91 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:142 Resp: 51562

Ion	Ratio	Lower	Upper
142	100		
141	92.1	72.8	109.2
115	40.9	32.9	49.3

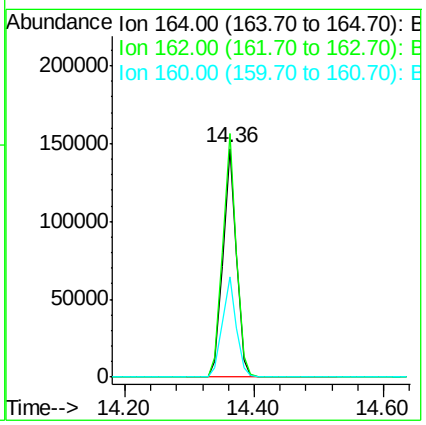


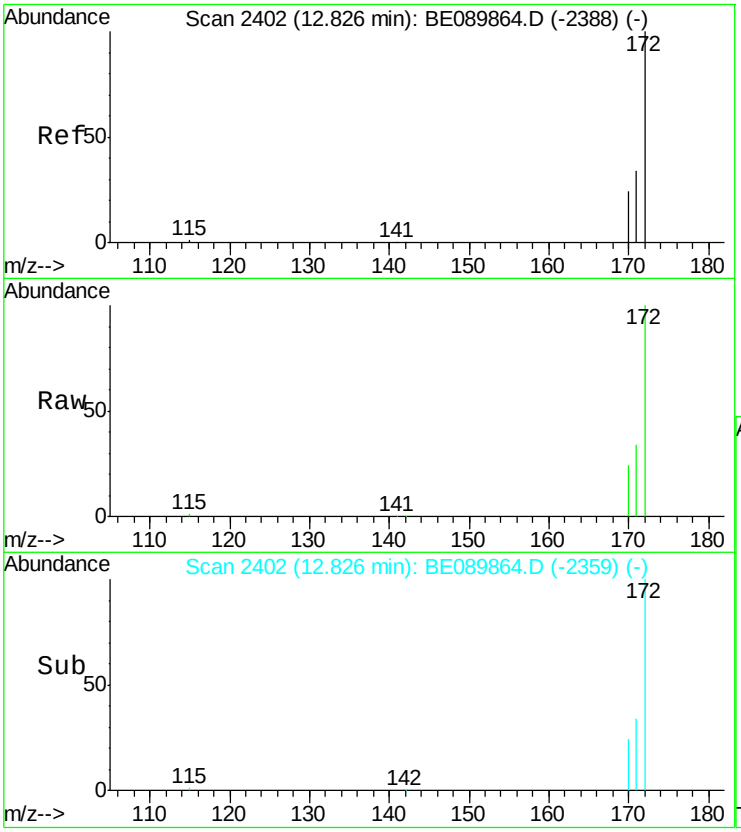


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.36 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:164 Resp: 209980

Ion	Ratio	Lower	Upper
164	100		
162	106.6	87.6	131.4
160	44.1	36.7	55.1



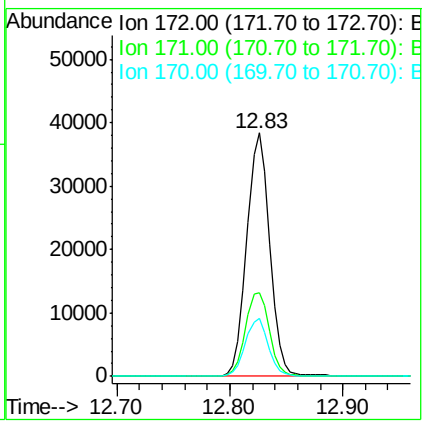


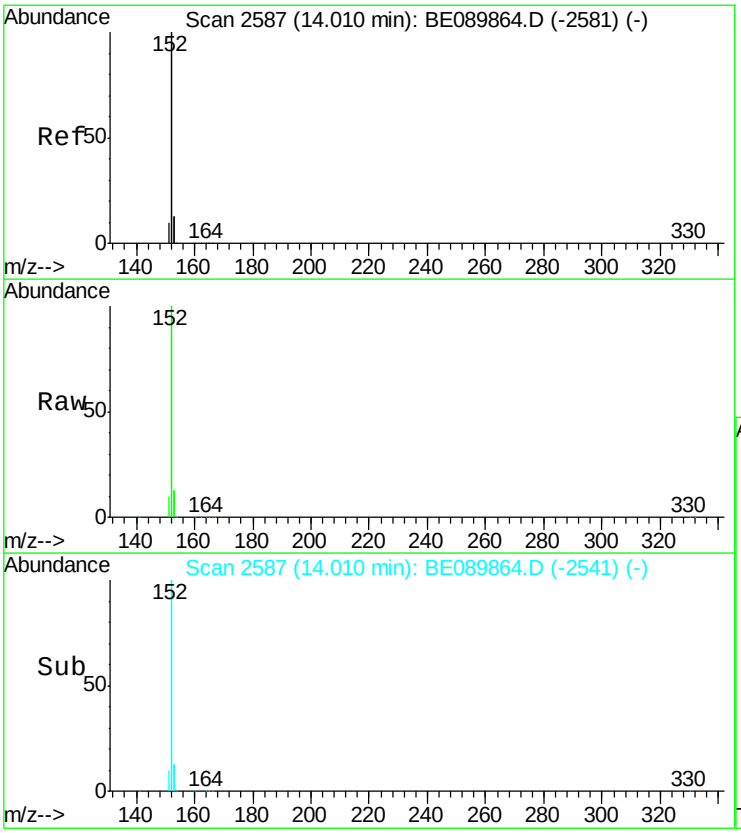
#9
2-Fluorobiphenyl
Concen: 1.05 ng
RT: 12.83 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:172 Resp: 52449

Ion	Ratio	Lower	Upper
172	100		
171	34.3	30.8	46.2
170	23.7	21.0	31.4

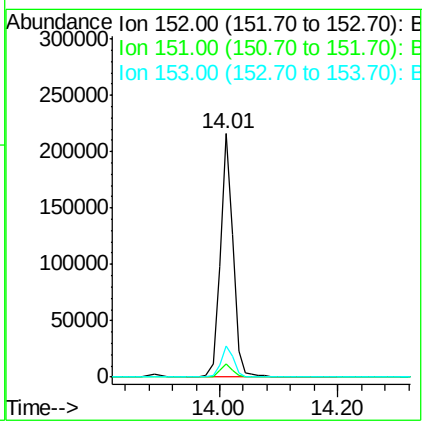


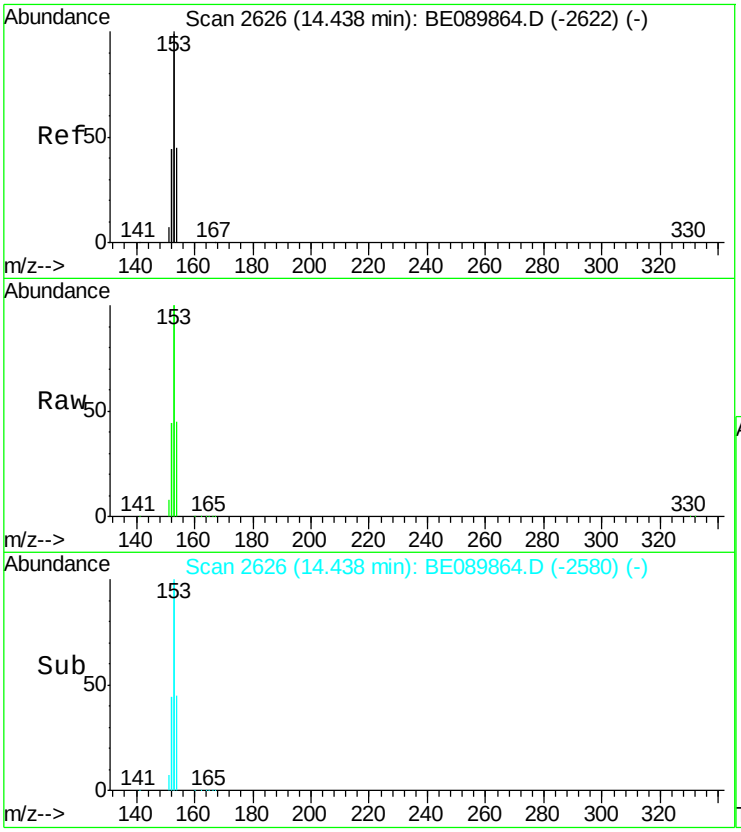


#10
Acenaphthylene
Concen: 1.05 ng
RT: 14.01 min Scan# 2587
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:152 Resp: 318959

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	13.0	11.0	16.4



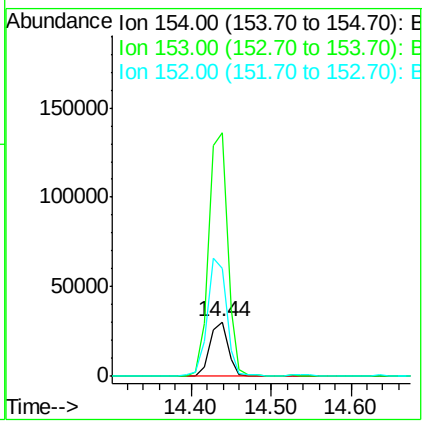


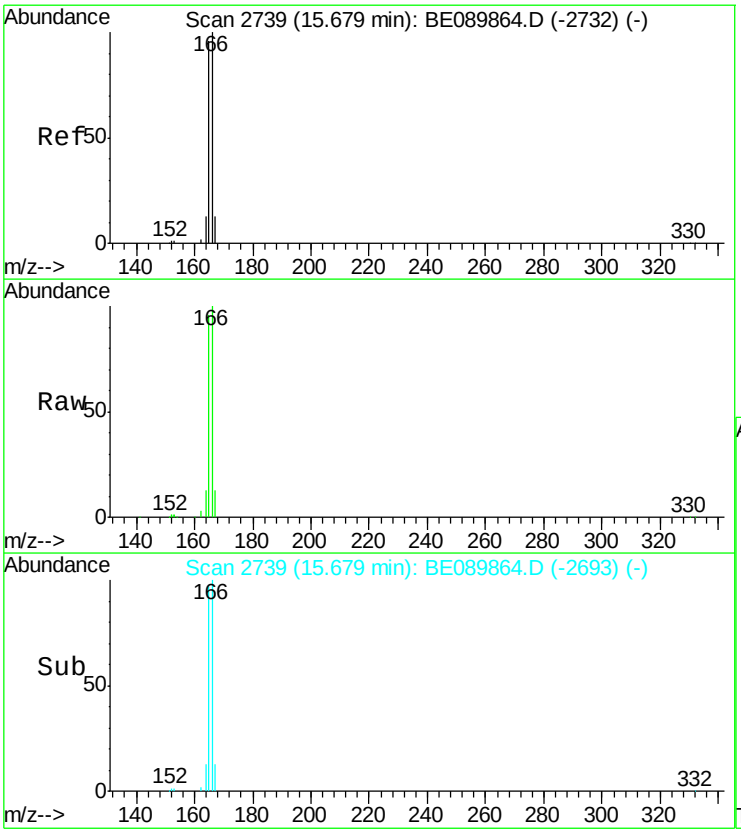
#11
Acenaphthene
Concen: 1.02 ng
RT: 14.44 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:154 Resp: 47559

Ion	Ratio	Lower	Upper
154	100		
153	470.5	401.5	602.3
152	227.2	198.6	298.0

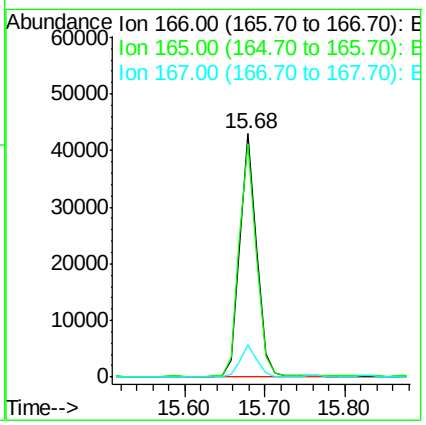


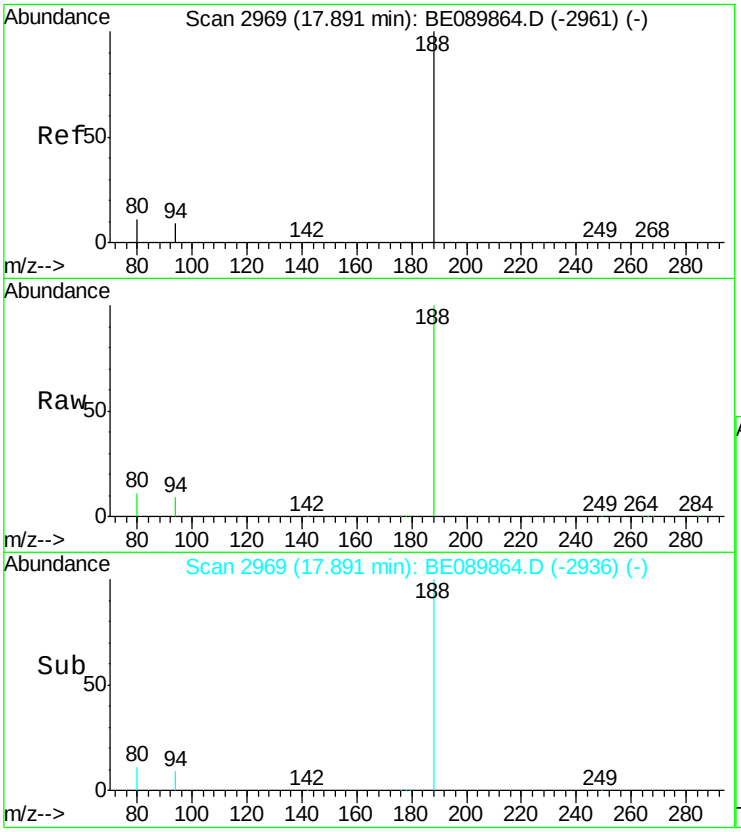


#12
Fluorene
Concen: 1.10 ng
RT: 15.68 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:166 Resp: 62926

Ion	Ratio	Lower	Upper
166	100		
165	97.7	85.1	127.7
167	12.9	12.2	18.4



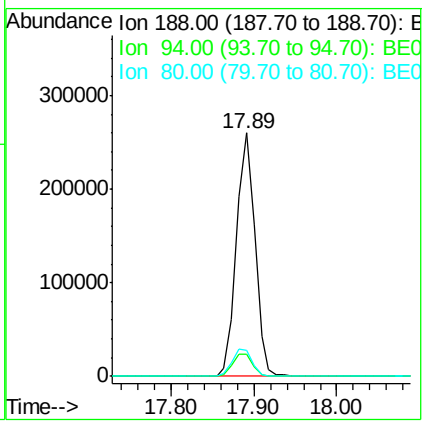


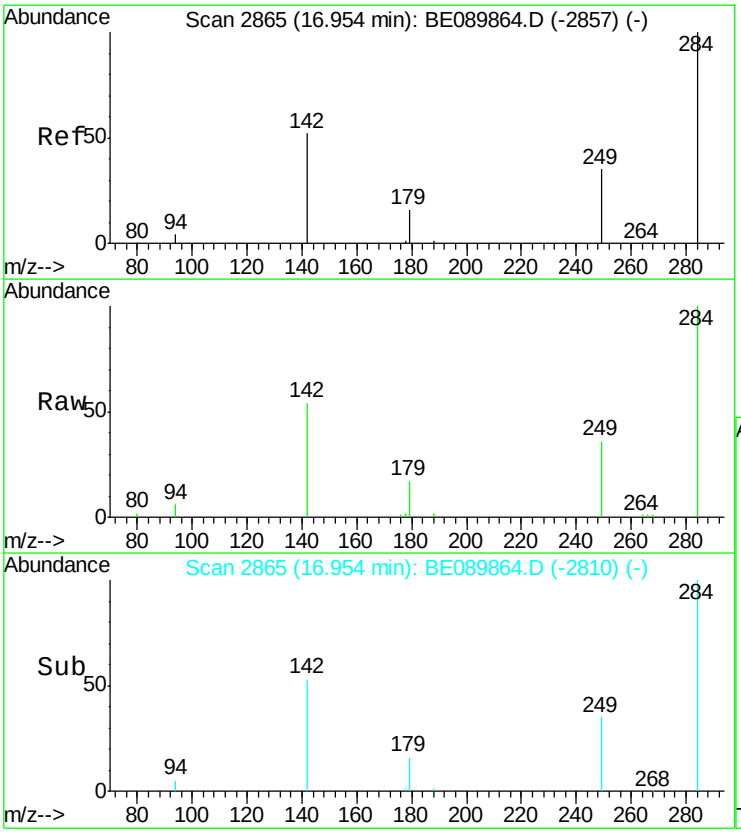
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.89 min Scan# 2969
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:188 Resp: 400778

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	10.9	10.0	15.0

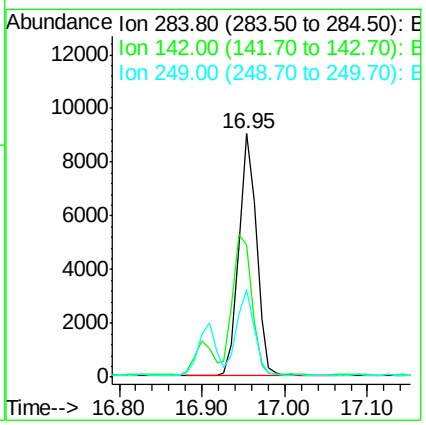


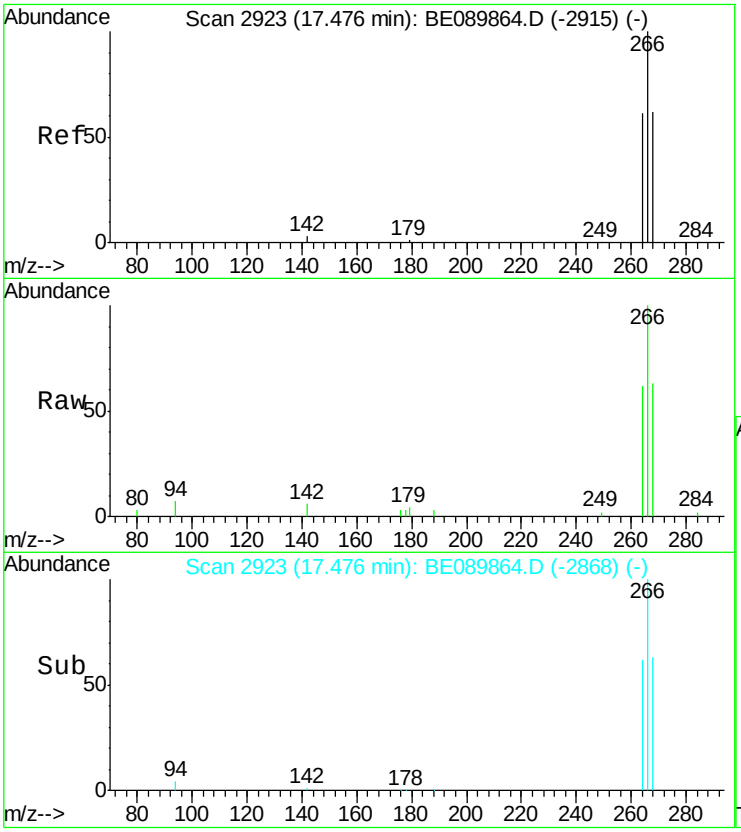


#14
Hexachlorobenzene
Concen: 0.98 ng
RT: 16.95 min Scan# 2865
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:284 Resp: 13080

Ion	Ratio	Lower	Upper
284	100		
142	64.4	53.3	79.9
249	35.3	31.1	46.7



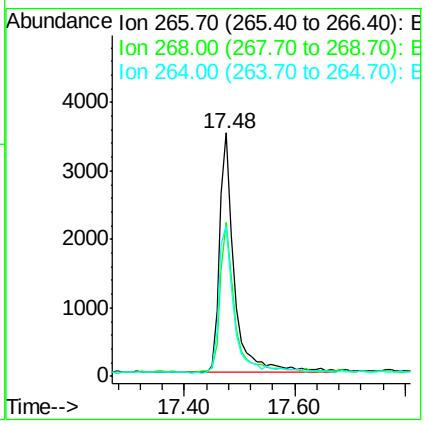


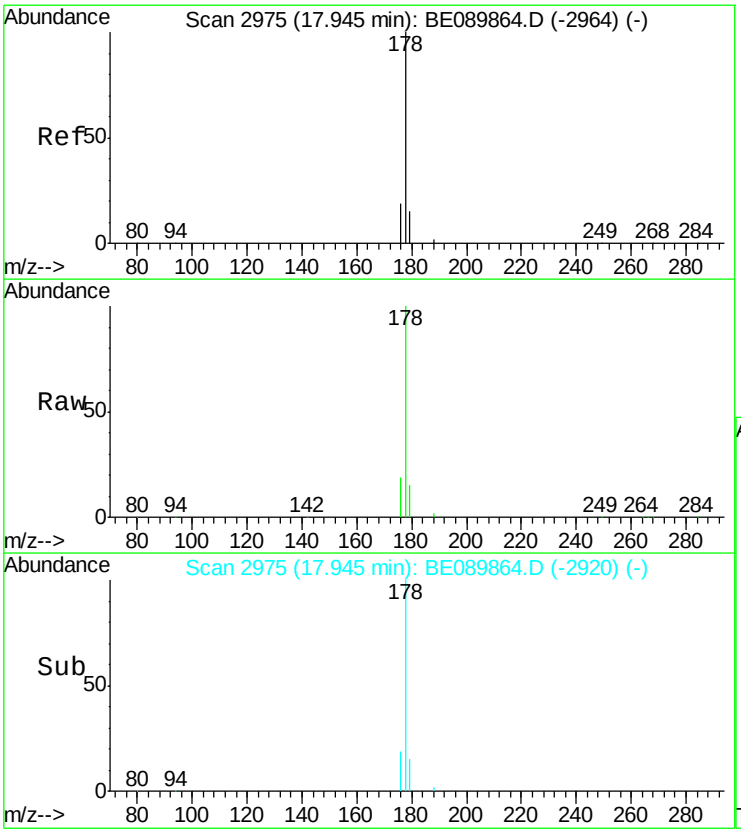
#15
Pentachlorophenol
Concen: 1.36 ng
RT: 17.48 min Scan# 2923
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:266 Resp: 6639

Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.6	77.4
264	61.9	50.2	75.2

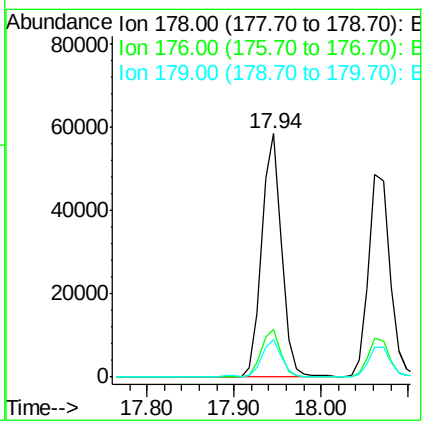


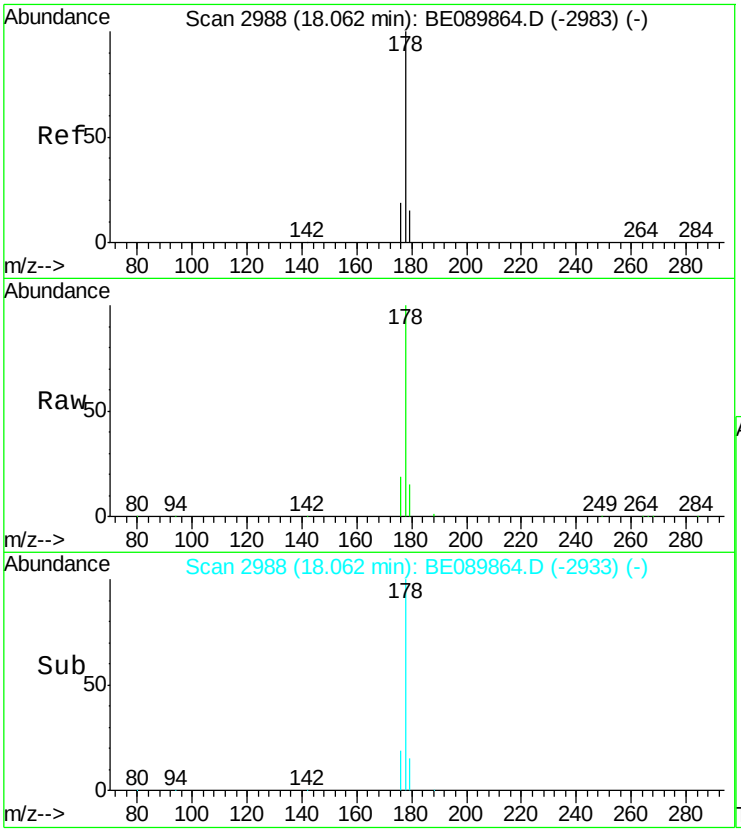


#16
Phenanthrene
Concen: 1.02 ng
RT: 17.94 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:178 Resp: 90989

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.4	12.2	18.4



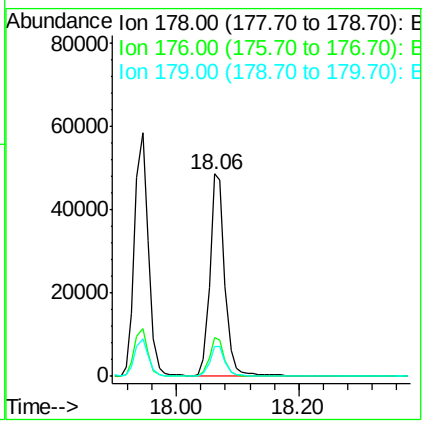


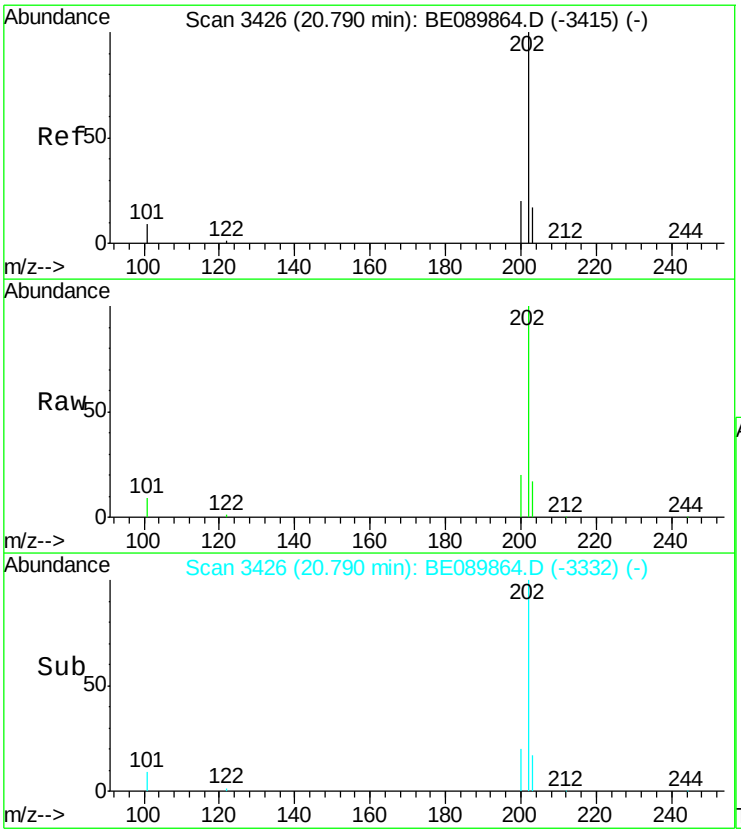
#17
Anthracene
Concen: 1.05 ng
RT: 18.06 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:178 Resp: 83459

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	14.9	12.1	18.1

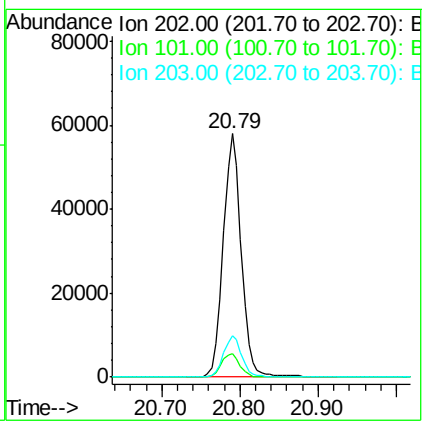


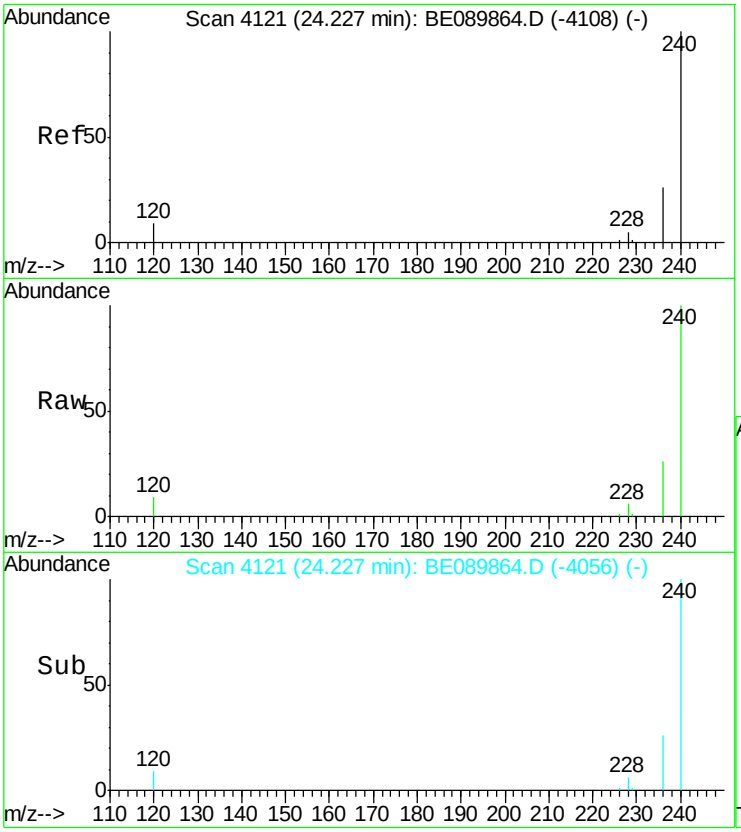


#18
Fluoranthene
Concen: 1.13 ng
RT: 20.79 min Scan# 3426
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:202 Resp: 92504

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.2
203	16.9	14.2	21.4



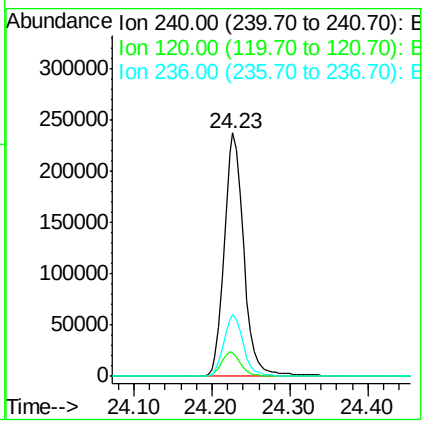


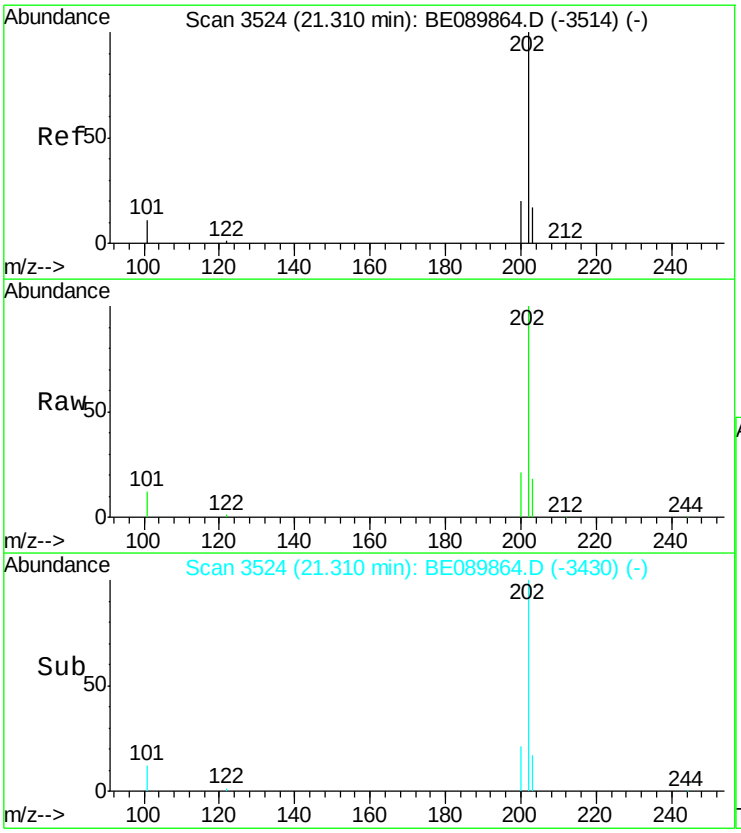
#19
Chrysene-d12
Concen: 5.00 ng
RT: 24.23 min Scan# 4121
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:240 Resp: 414734

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.5	11.3
236	25.6	20.5	30.7

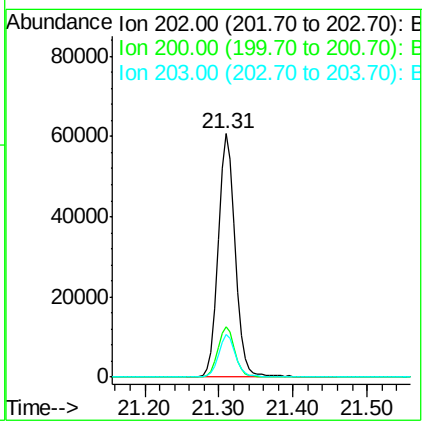


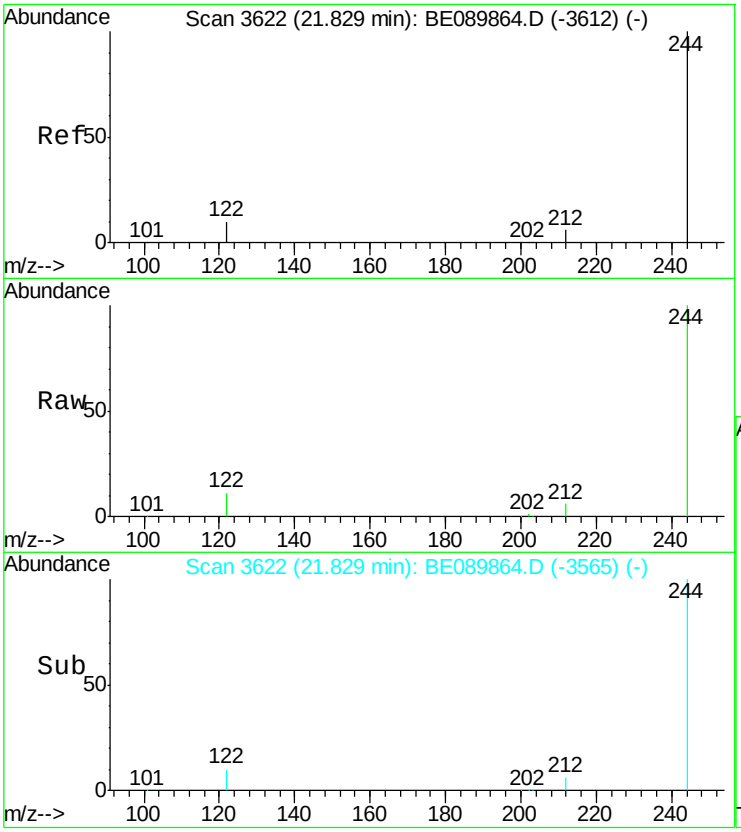


#20
Pyrene
Concen: 0.93 ng
RT: 21.31 min Scan# 3524
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:202 Resp: 98097

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.9	23.9
203	17.2	13.6	20.4



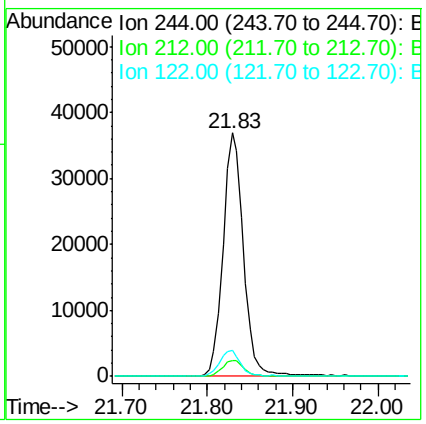


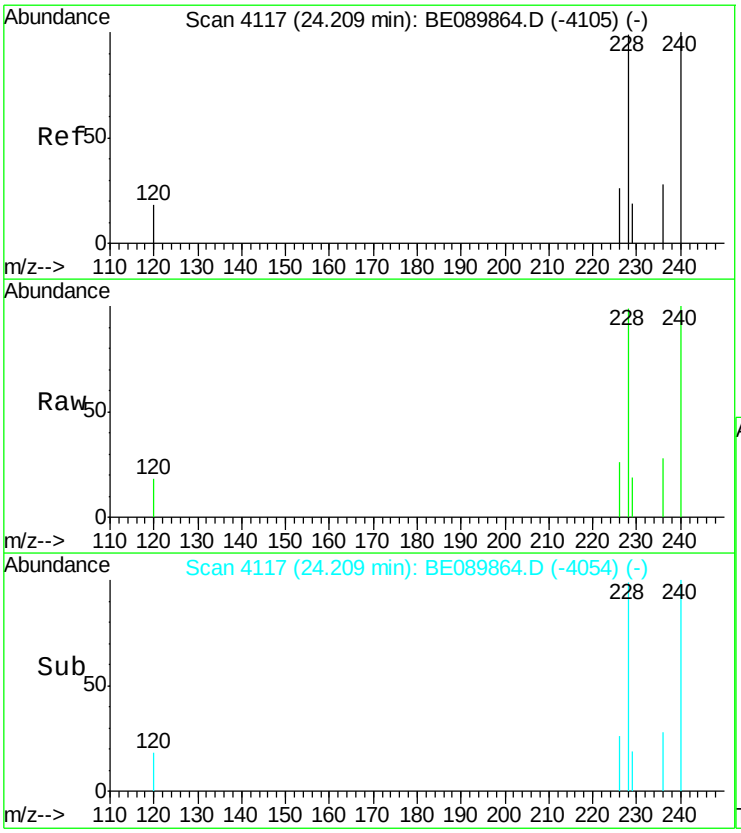
#21
Terphenyl-d14
Concen: 0.99 ng
RT: 21.83 min Scan# 3622
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:244 Resp: 60890

Ion	Ratio	Lower	Upper
244	100		
212	6.4	7.3	10.9#
122	10.5	10.5	15.7

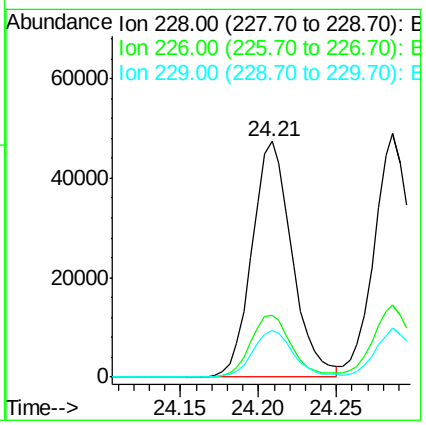


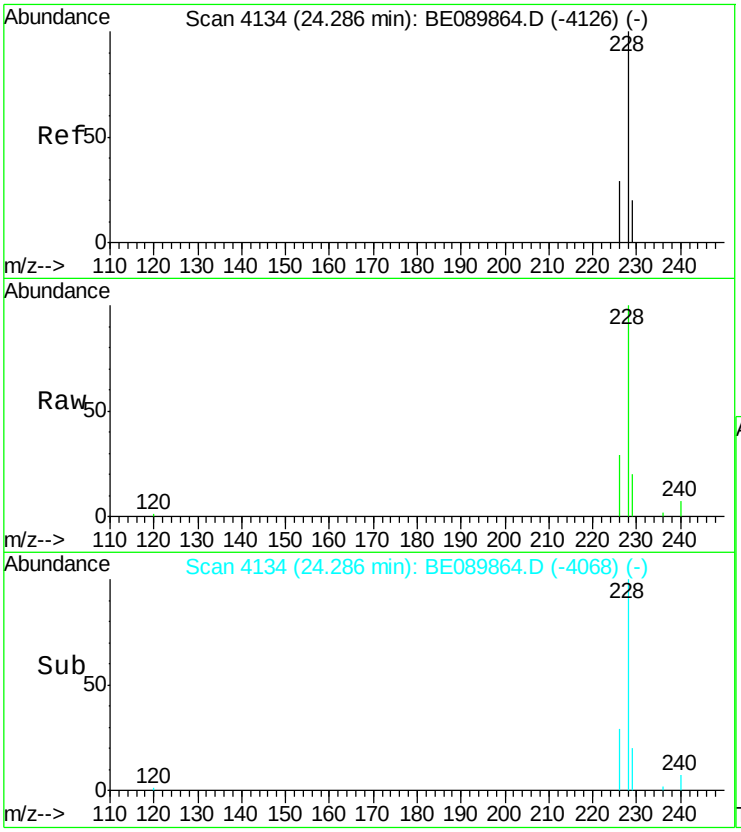


#22
Benzo(a)anthracene
Concen: 1.06 ng
RT: 24.21 min Scan# 4117
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:228 Resp: 83914

Ion	Ratio	Lower	Upper
228	100		
226	26.2	19.8	29.8
229	19.5	16.3	24.5



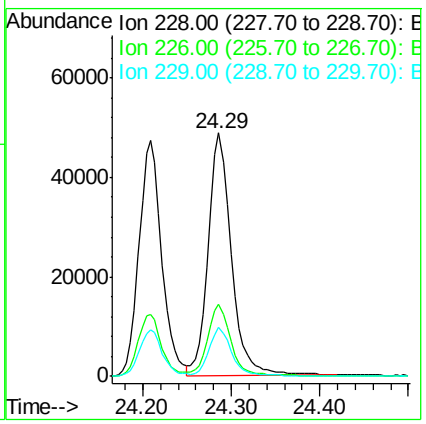


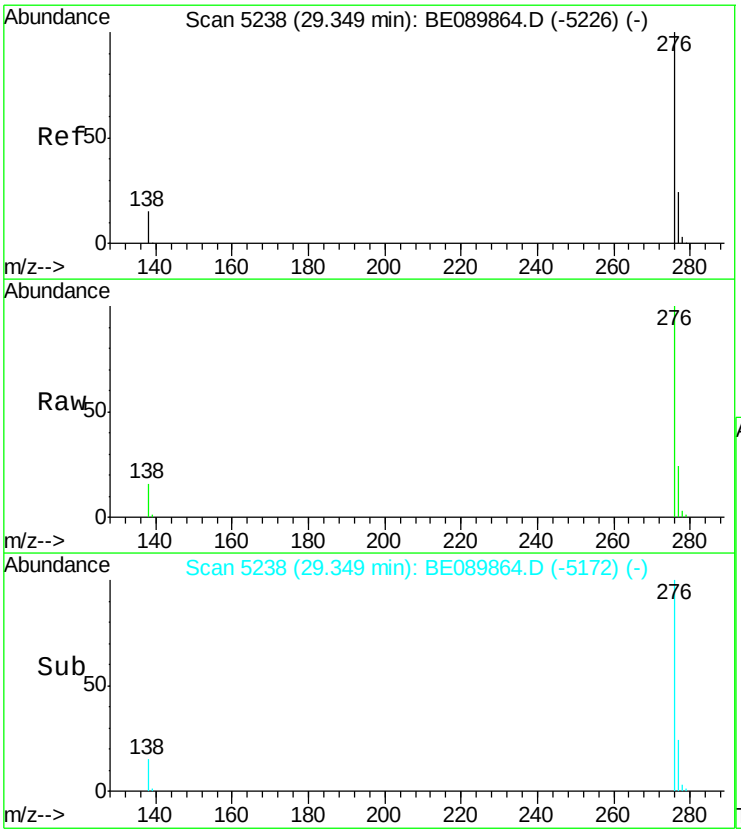
#23
Chrysene
Concen: 1.04 ng
RT: 24.29 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:228 Resp: 88452

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.0	34.4
229	20.1	15.8	23.6

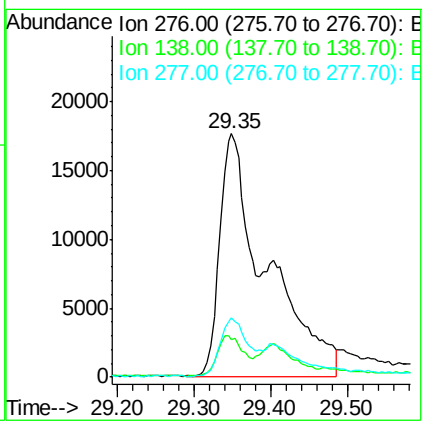


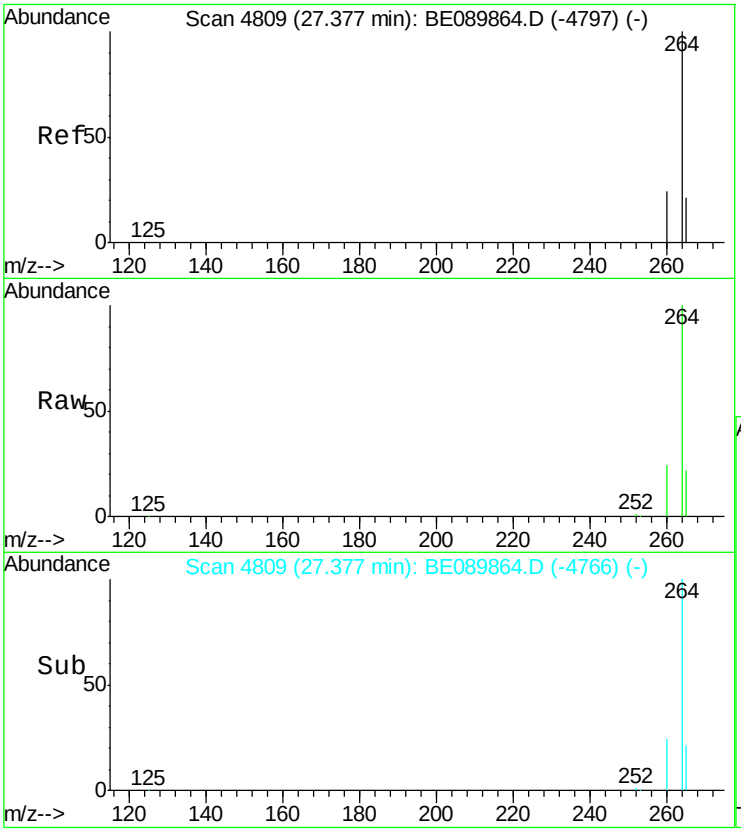


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.46 ng m
RT: 29.35 min Scan# 5238
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:276 Resp: 74948

Ion	Ratio	Lower	Upper
276	100		
138	9.4	4.3	6.5#
277	15.0	9.0	13.4#



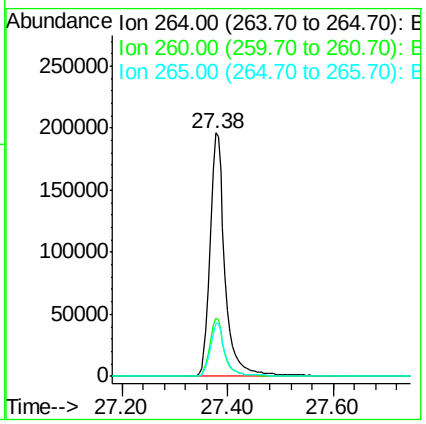


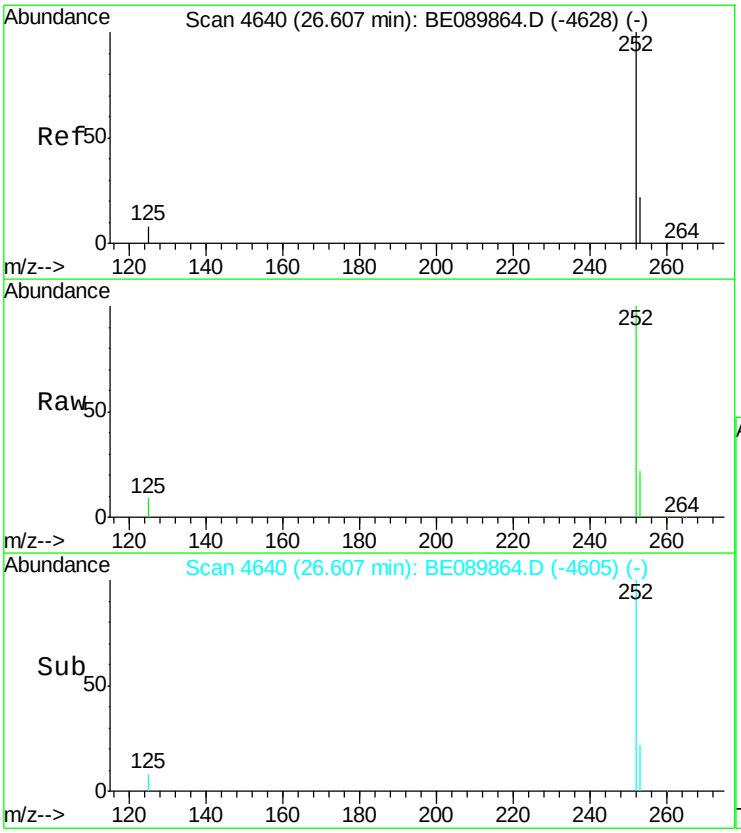
#25
Perylene-d12
Concen: 5.00 ng
RT: 27.38 min Scan# 4809
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:264 Resp: 384310

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.2	27.2
265	21.5	17.3	25.9

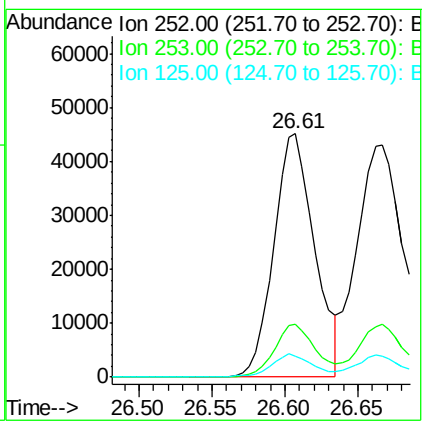


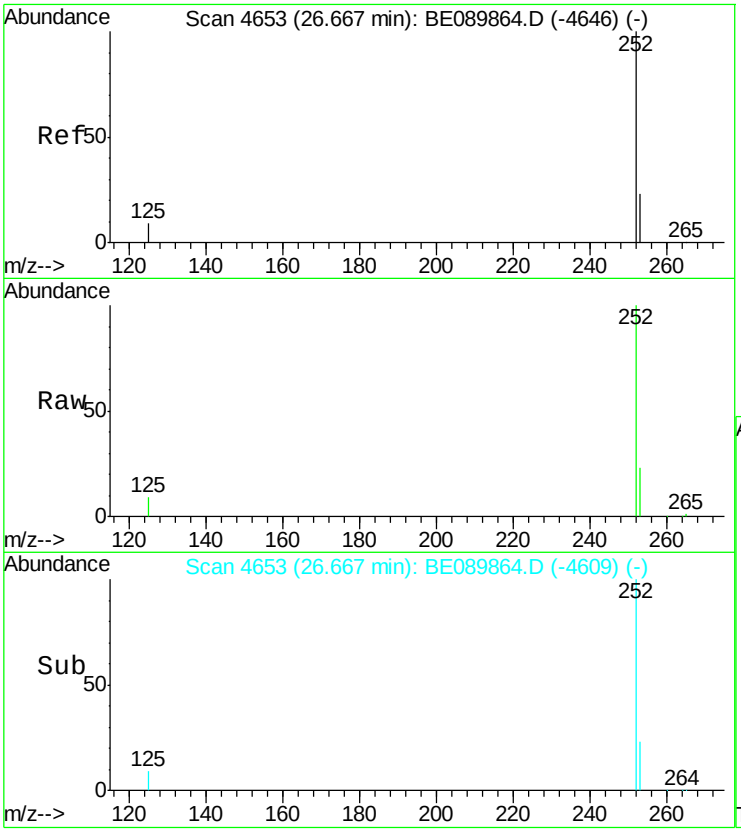


#26
Benzo(b)fluoranthene
Concen: 1.43 ng m
RT: 26.61 min Scan# 4640
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:252 Resp: 88540

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	8.6	8.7	13.1#



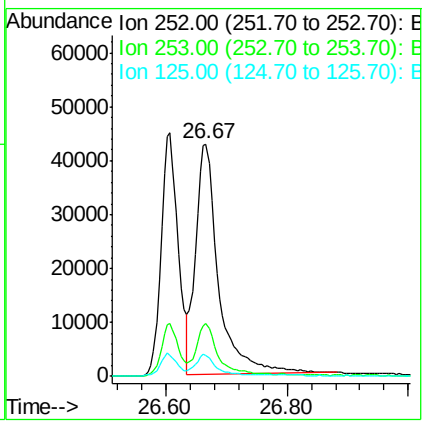


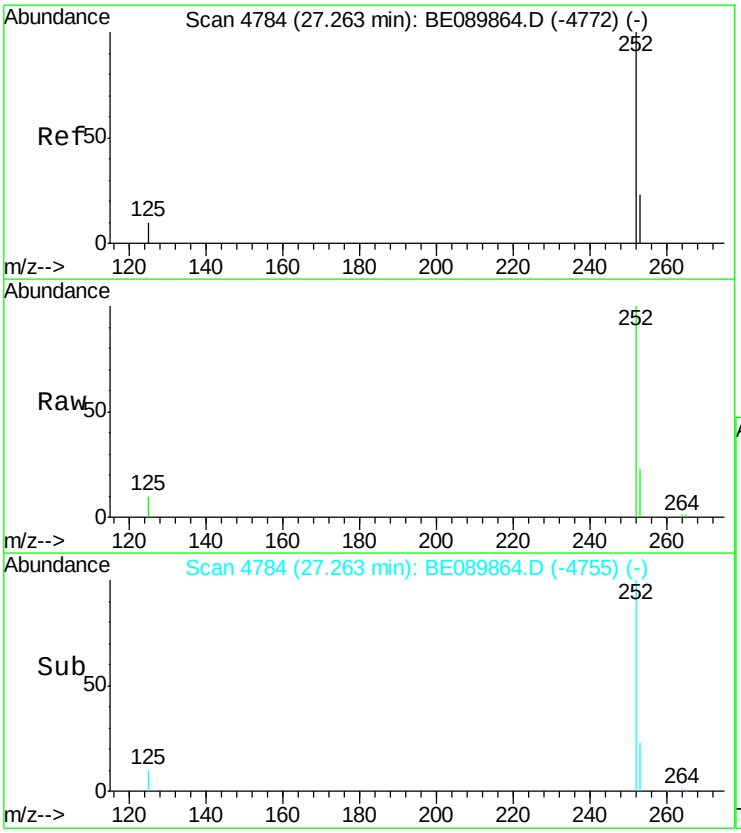
#27
Benzo(k)fluoranthene
Concen: 1.36 ng
RT: 26.67 min Scan# 4653
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:252 Resp: 113051

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.6	28.0
125	9.0	10.8	16.2#

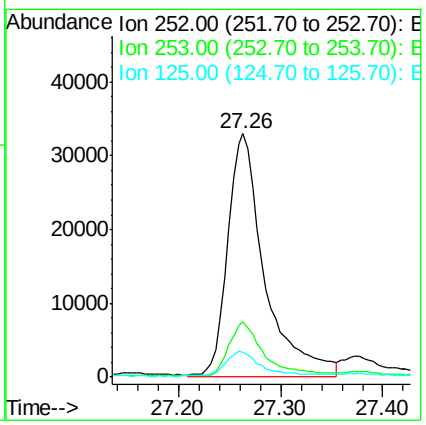


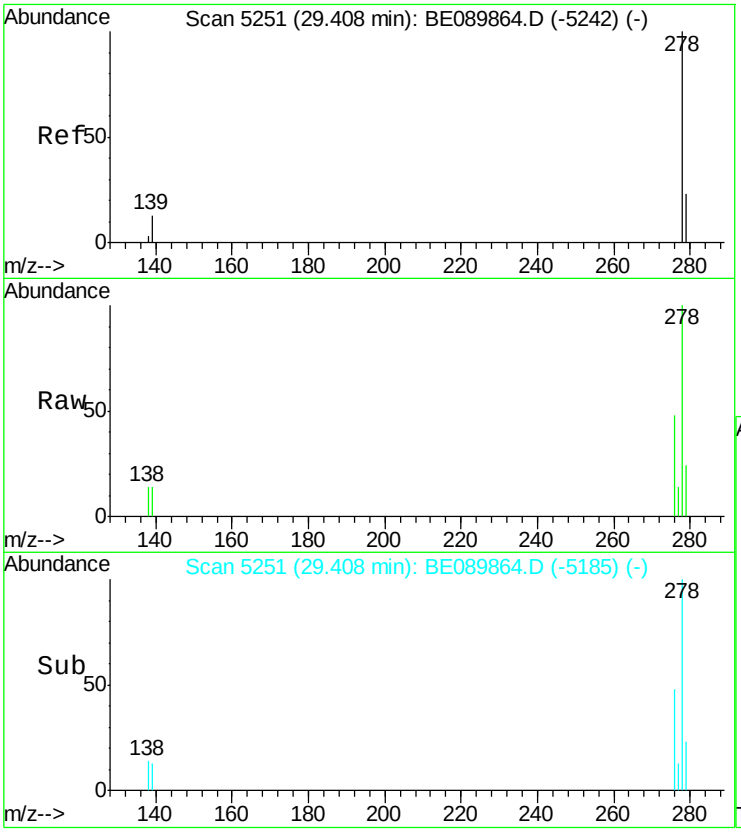


#28
Benzo(a)pyrene
Concen: 1.44 ng m
RT: 27.26 min Scan# 4784
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:252 Resp: 83567

Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.0	31.4
125	10.0	13.3	19.9#



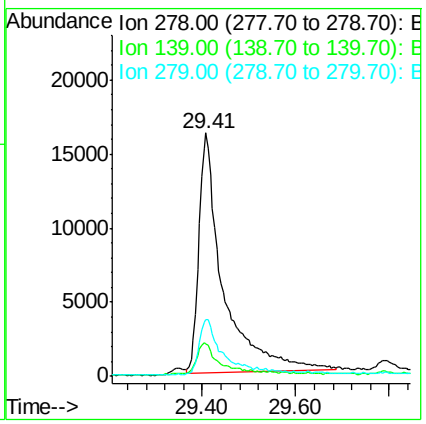


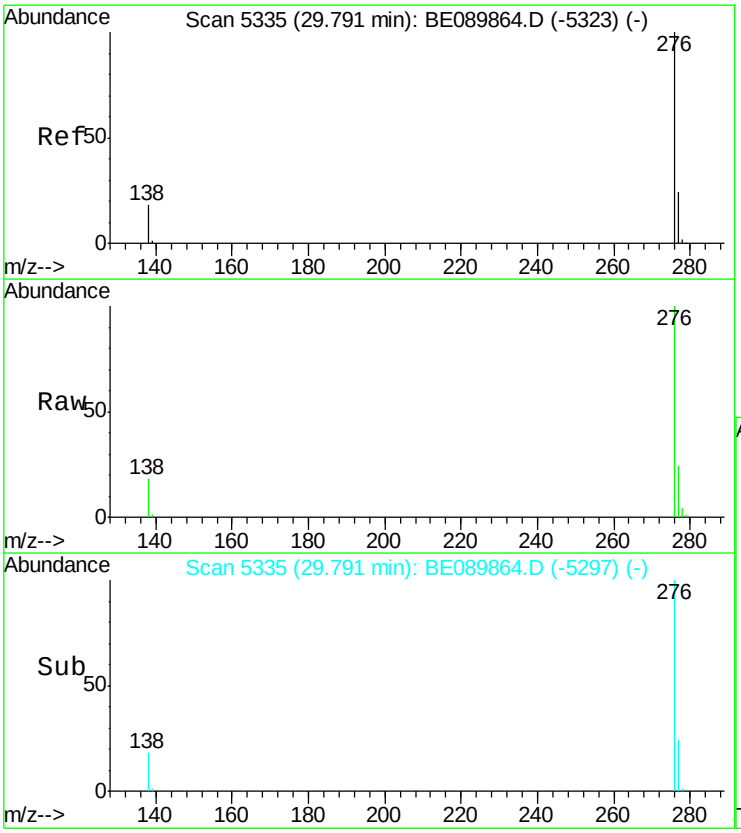
#29
Dibenzo(a,h)anthracene
Concen: 1.40 ng
RT: 29.41 min Scan# 5251
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Instrument :
BNA_E
ClientSampleId :
SSTDICCC001

Tgt Ion:278 Resp: 58513

Ion	Ratio	Lower	Upper
278	100		
139	13.6	20.0	30.0#
279	23.5	28.9	43.3#





#30
Benzo(g,h,i)perylene
Concen: 1.18 ng
RT: 29.79 min Scan# 5335
Delta R.T. 0.00 min
Lab File: BE089864.D
Acq: 26 Mar 2015 19:29

Tgt Ion:276 Resp: 70530

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	18.1	22.9	34.3#