Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE021815\
Data File : BE089639.D
Acq On : 19 Feb 2015 16:33
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MDL-01-W

Quant Time: Feb 20 01:19:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 13:01:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.34	152	32556	5.00	ng		0.00
4) Naphthalene-d8	12.24	136	128414	5.00	ng		0.00
8) Acenaphthene-d10	16.42	164	64403	5.00	ng		0.00
13) Phenanthrene-d10	19.77	188	126347	5.00	ng		0.00
19) Chrysene-d12	23.66	240	117982	5.00	ng		0.00
25) Perylene-d12	25.34	264	98073	5.00	ng		0.00
System Monitoring Compounds							
5) Nitrobenzene-d5	10.61	82	59451	10.65	ng		0.00
9) 2-Fluorobiphenyl	14.88	172	158884	9.21	ng		0.00
21) Terphenyl-d14	22.30	244	205724	12.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	510	0.13	ng	#	85
3) n-Nitrosodimethylamine	3.50	42	338	0.09	ng	#	75
6) Naphthalene	12.29	128	4050	0.14	ng		95
7) 2-Methylnaphthalene	13.95	142	2237	0.13	ng		99
10) Acenaphthylene	16.07	152	12395	0.12	ng		99
11) Acenaphthene	16.49	154	2315	0.14	ng		97
12) Fluorene	17.74	166	2625	0.14	ng		98
14) Hexachlorobenzene	19.00	284	811	0.15	ng		95
15) Pentachlorophenol	19.44	266	54	0.04	ng	#	76
16) Phenanthrene	19.81	178	4448	0.14	ng		98
17) Anthracene	19.91	178	3359	0.13	ng		98
18) Fluoranthene	21.72	202	3711	0.13	ng		99
20) Pyrene	22.04	202	3966	0.14	ng		99
22) Benzo(a)anthracene	23.65	228	12772	0.12	ng		96
23) Chrysene	23.69	228	19943	0.17	ng		97
24) Indeno(1,2,3-cd)pyrene	26.74	276	4520	0.22	ng	#	88
26) Benzo(b)fluoranthene	24.91	252	912	0.31	ng	#	88
27) Benzo(k)fluoranthene	24.94	252	1971	0.07	ng	#	91
28) Benzo(a)pyrene	25.27	252	1025	0.29	ng	#	86
29) Dibenzo(a,h)anthracene	26.77	278	671	0.26	ng	#	69
30) Benzo(g,h,i)perylene	27.16	276	6077	0.20	ng	#	82

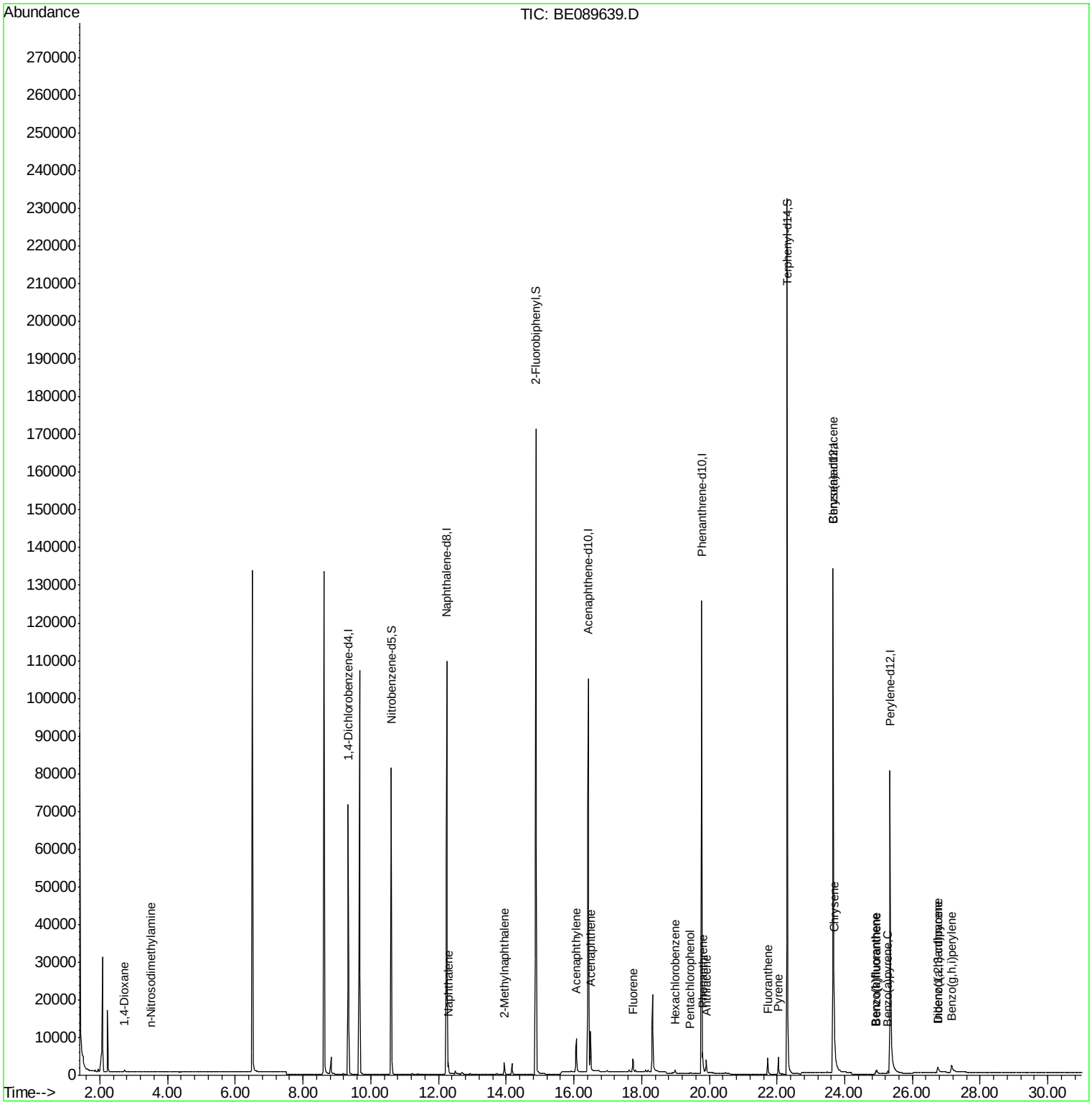
(#) = qualifier out of range (m) = manual integration (+) = signals summed

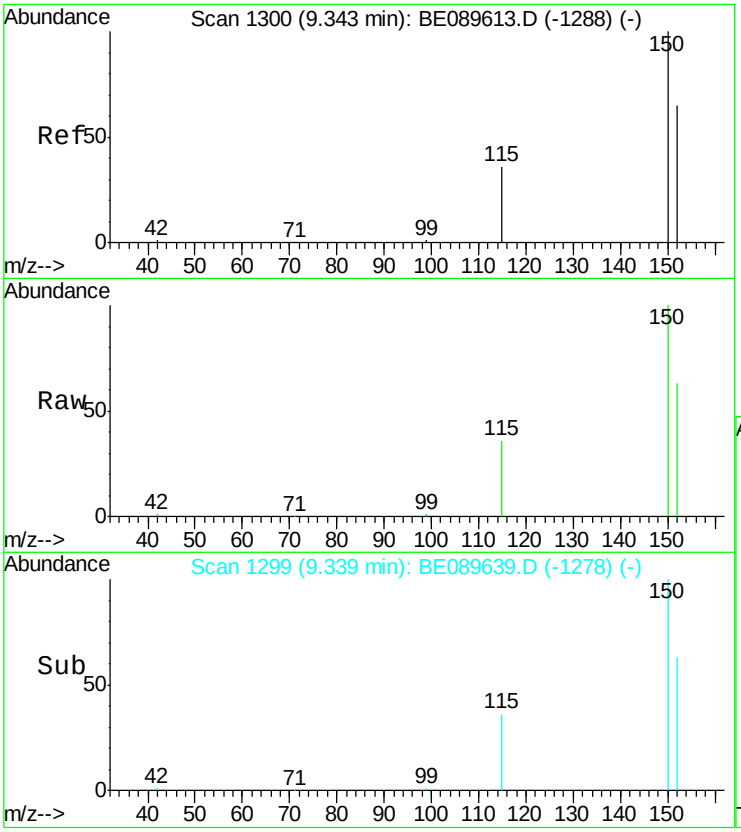
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE021815\
Data File : BE089639.D
Acq On : 19 Feb 2015 16:33
Operator : TP/IZ
Sample : MDL-01-W
Misc : MDL-WATER-0.2/0.4
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Quant Time: Feb 20 01:19:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIMPAH-BE021815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 13:01:39 2015
Response via : Initial Calibration



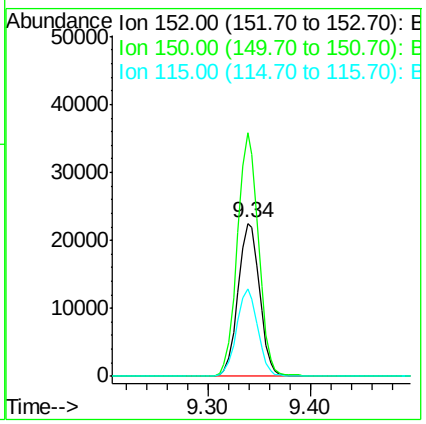


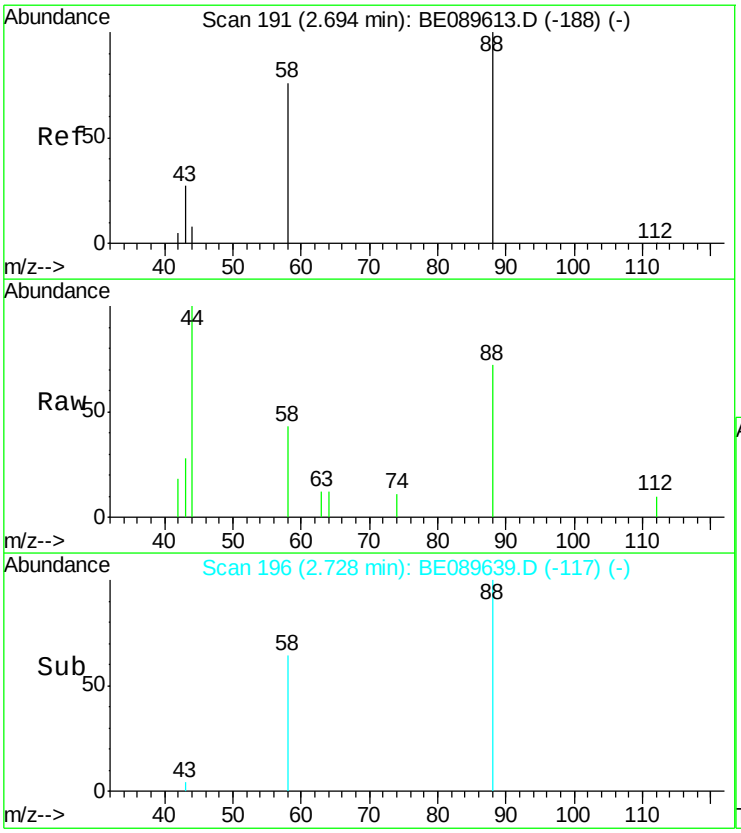
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.34 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:152 Resp: 32556

Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.4	183.6
115	57.1	44.2	66.2

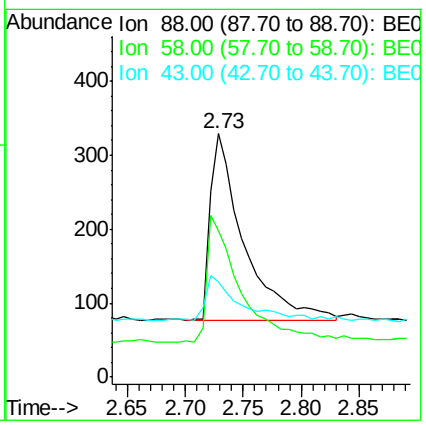


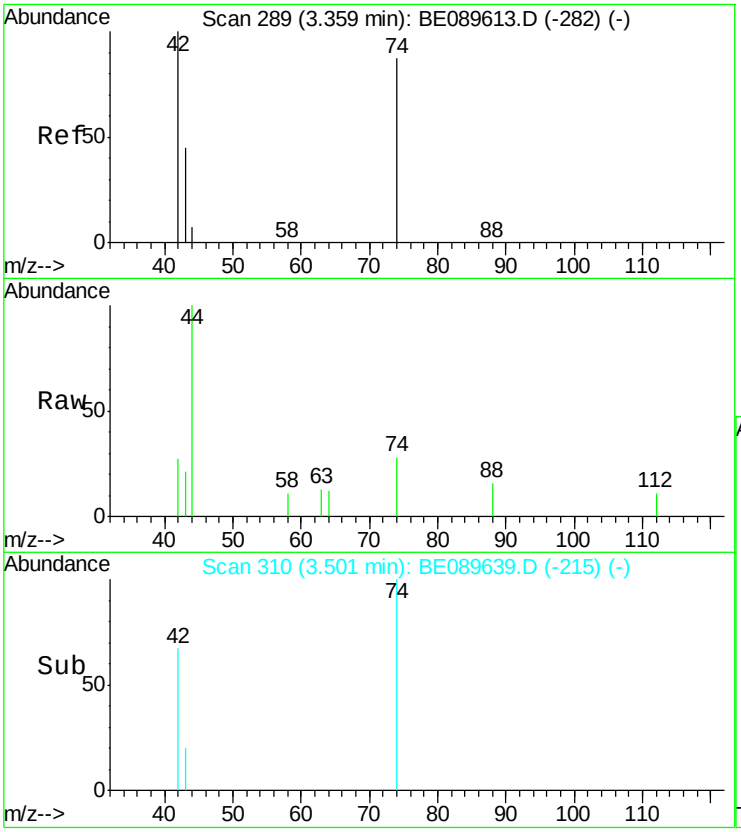


#2
1,4-Dioxane
Concen: 0.13 ng
RT: 2.73 min Scan# 196
Delta R.T. 0.03 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion: 88 Resp: 510

Ion	Ratio	Lower	Upper
88	100		
58	69.4	54.6	81.8
43	0.0	20.6	30.8#



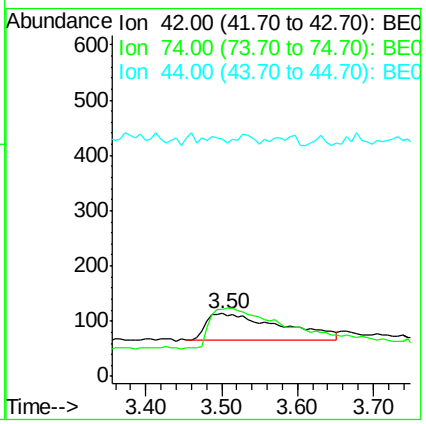


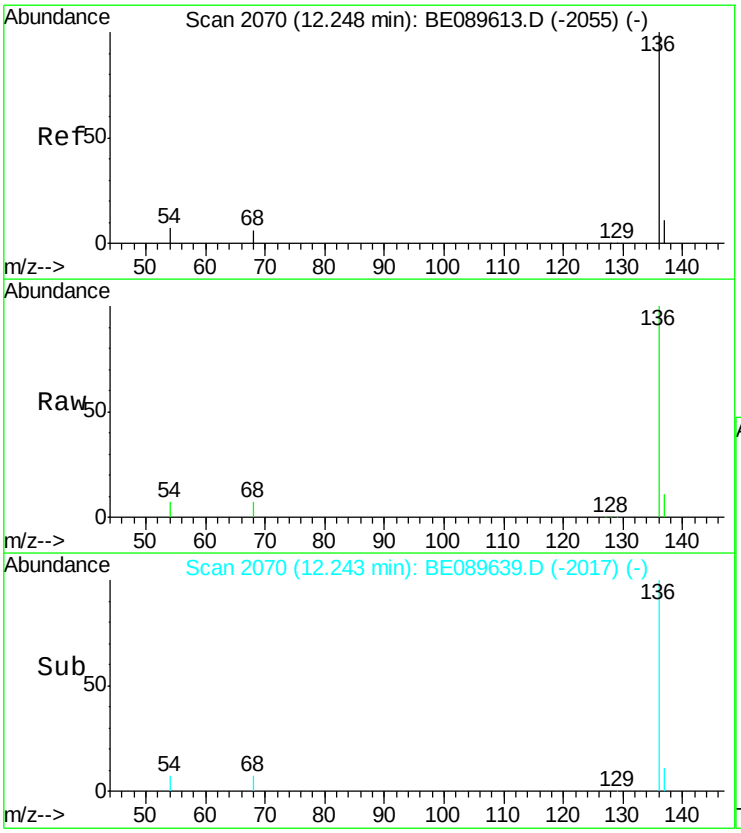
#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.50 min Scan# 310
Delta R.T. 0.14 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion: 42 Resp: 338

Ion	Ratio	Lower	Upper
42	100		
74	119.2	121.4	182.0#
44	0.0	4.5	6.7#

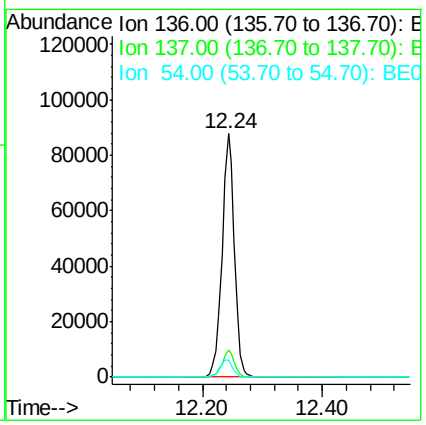


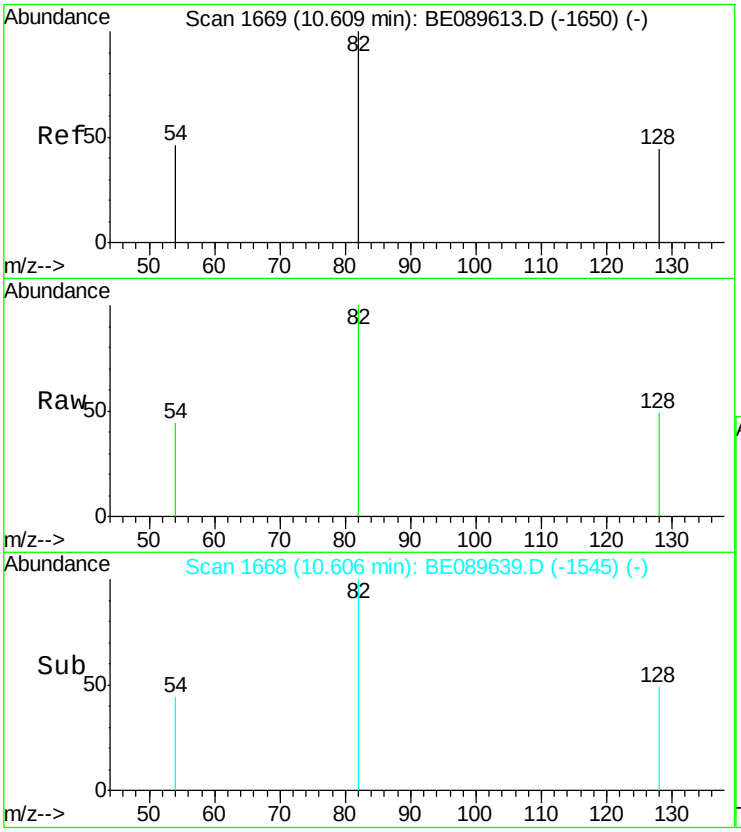


#4
Naphthalene-d8
Concen: 5.00 ng
RT: 12.24 min Scan# 2070
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:136 Resp: 128414

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.0	5.3	7.9



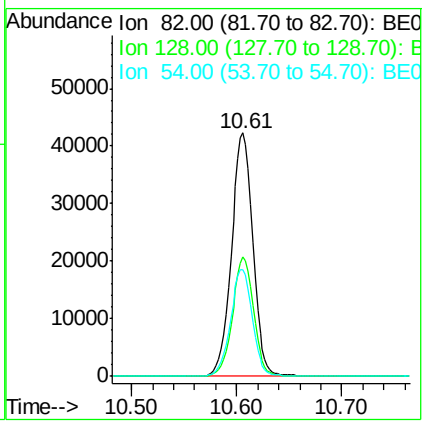


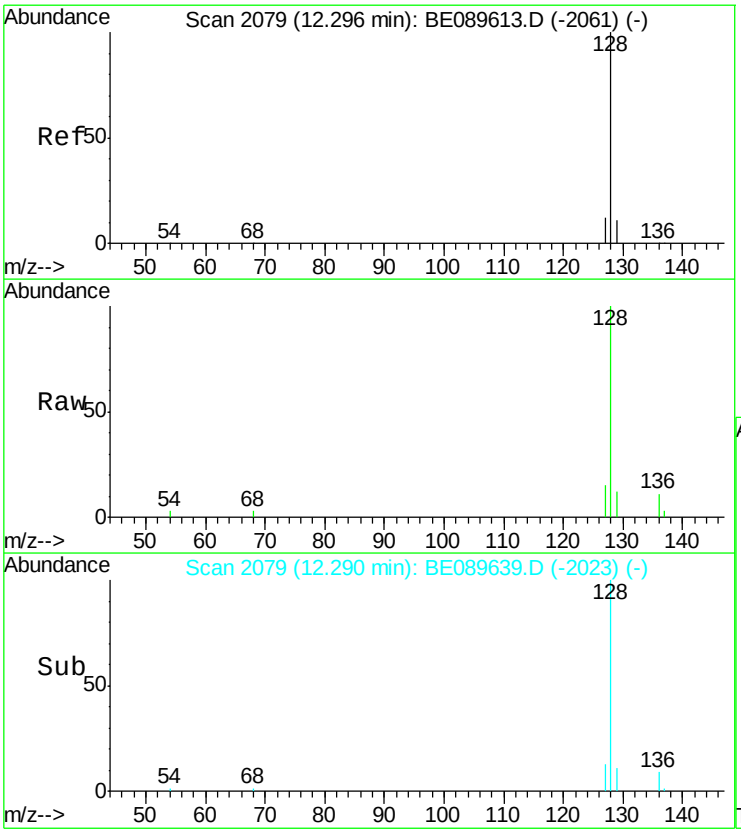
#5
Nitrobenzene-d5
Concen: 10.65 ng
RT: 10.61 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion: 82 Resp: 59451

Ion	Ratio	Lower	Upper
82	100		
128	48.8	35.5	53.3
54	44.0	37.5	56.3

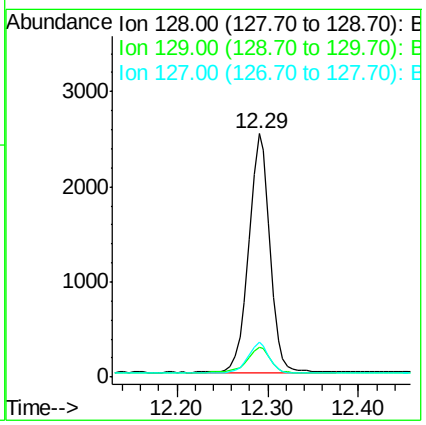


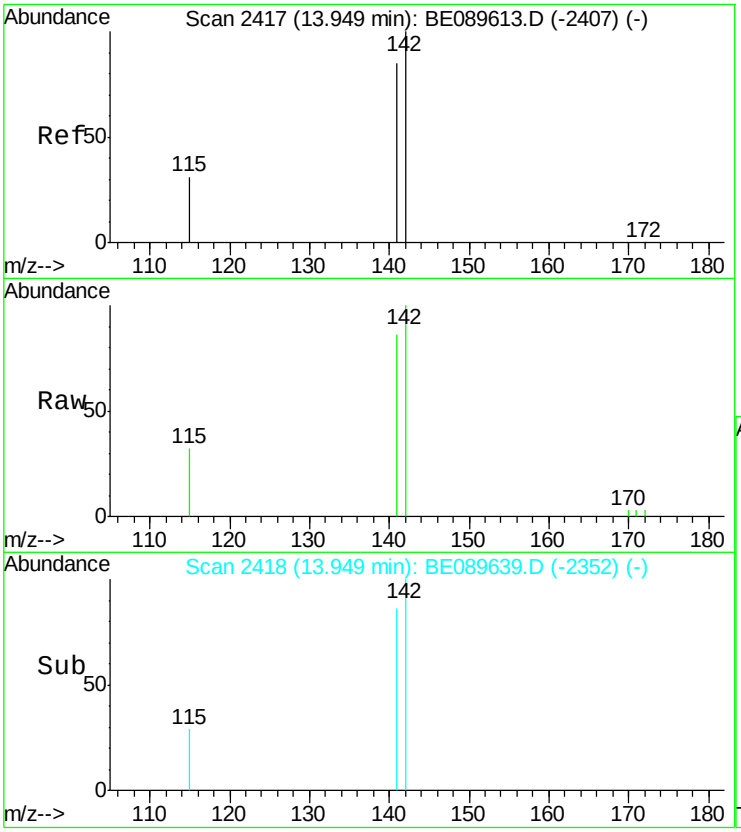


#6
Naphthalene
Concen: 0.14 ng
RT: 12.29 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:128 Resp: 4050

Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.9	13.3
127	14.6	9.8	14.8



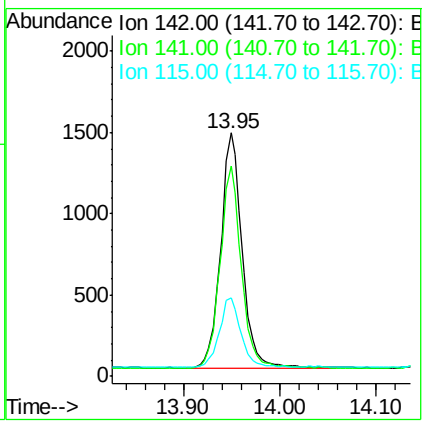


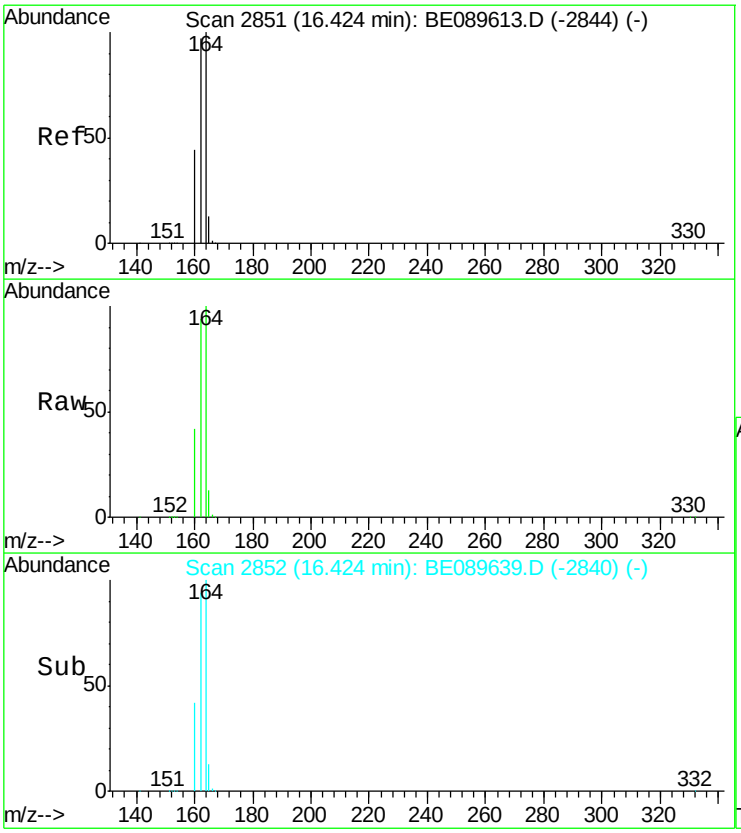
#7
2-Methylnaphthalene
Concen: 0.13 ng
RT: 13.95 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:142 Resp: 2237

Ion	Ratio	Lower	Upper
142	100		
141	86.4	68.3	102.5
115	32.4	25.1	37.7

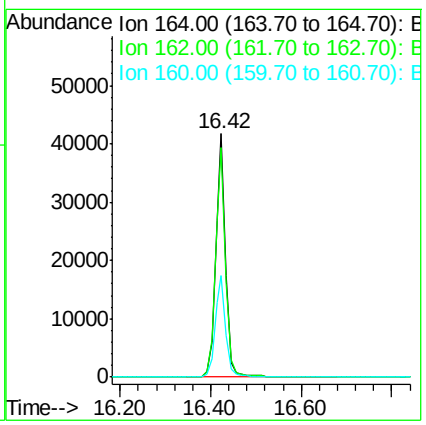


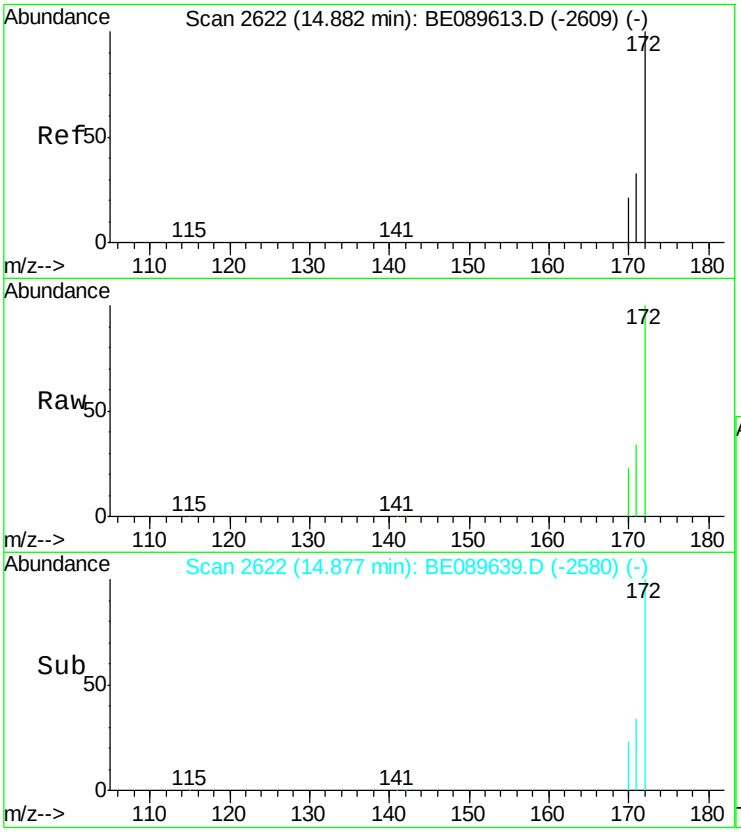


#8
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.42 min Scan# 2852
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:164 Resp: 64403

Ion	Ratio	Lower	Upper
164	100		
162	94.1	77.5	116.3
160	41.8	35.5	53.3



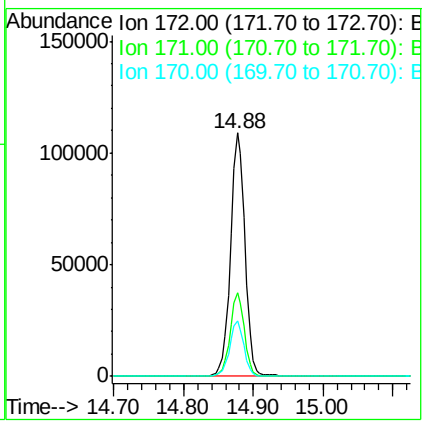


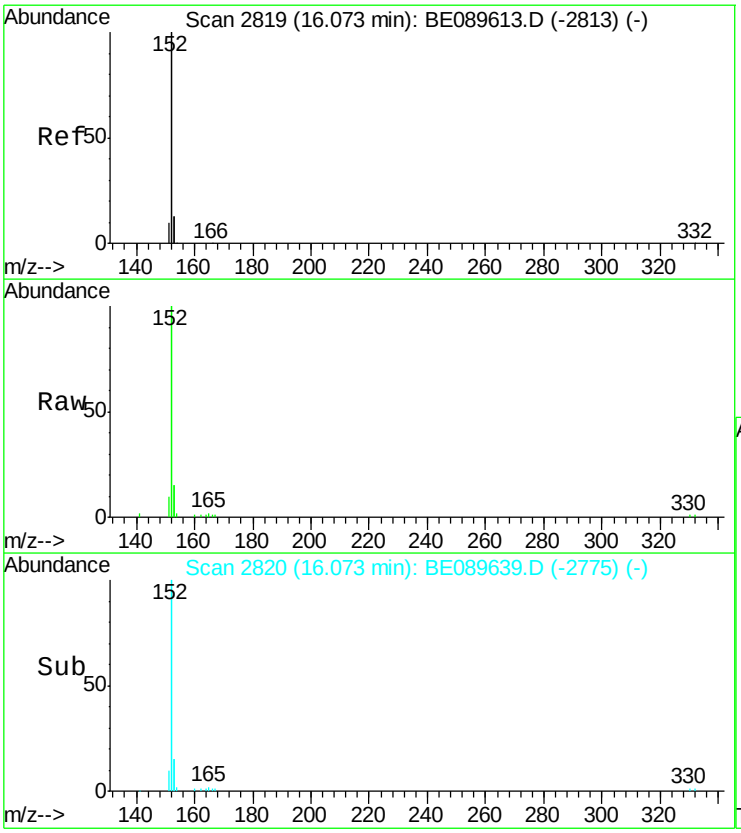
#9
2-Fluorobiphenyl
Concen: 9.21 ng
RT: 14.88 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:172 Resp: 158884

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.9	40.3
170	22.6	17.4	26.0

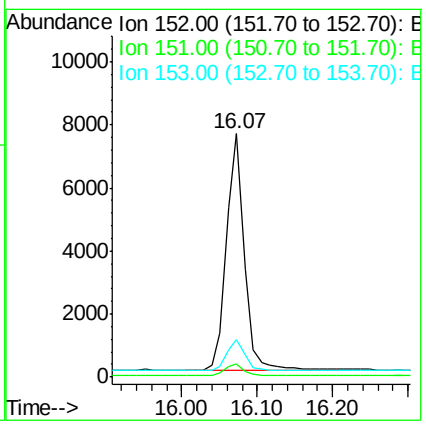


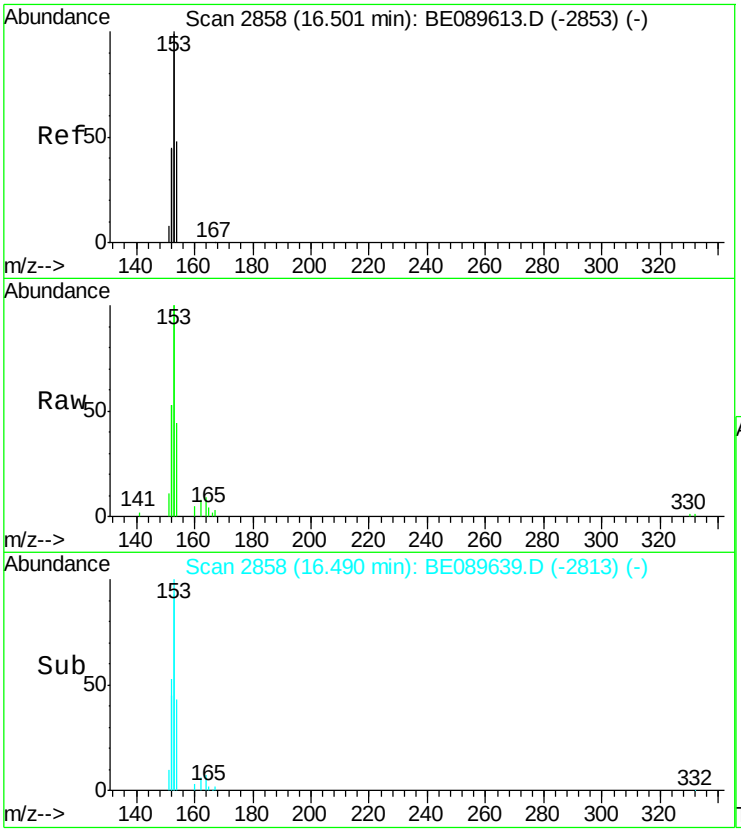


#10
Acenaphthylene
Concen: 0.12 ng
RT: 16.07 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:152 Resp: 12395

Ion	Ratio	Lower	Upper
152	100		
151	4.7	3.9	5.9
153	13.8	10.5	15.7



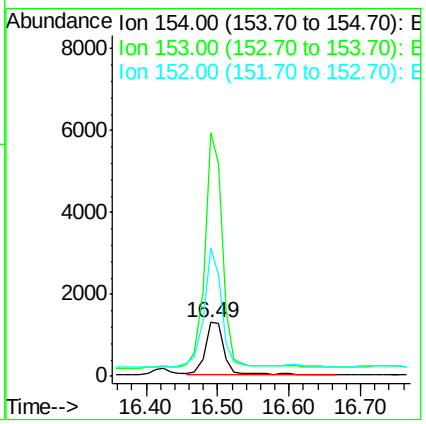


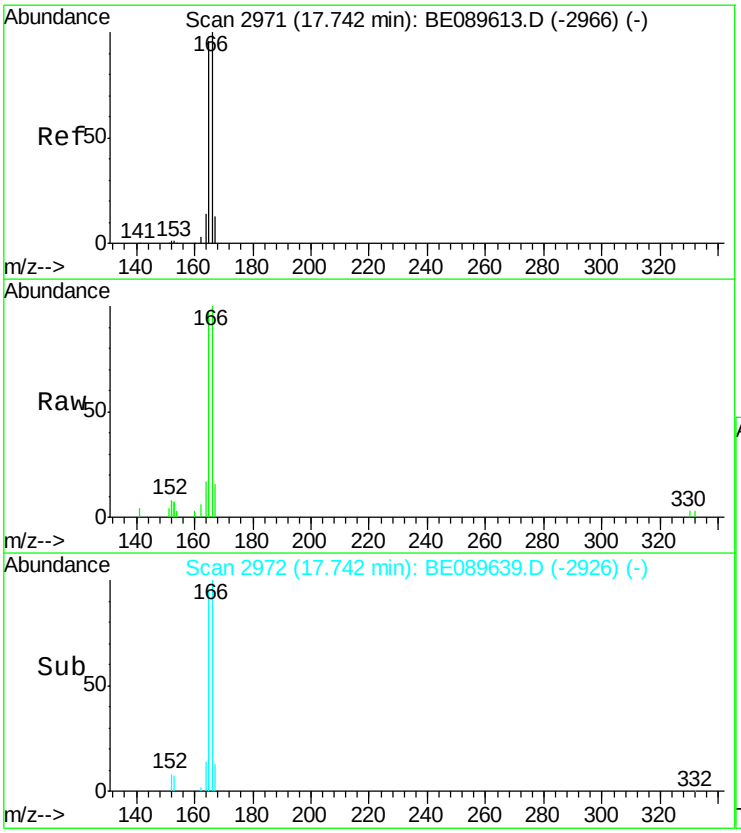
#11
Acenaphthene
Concen: 0.14 ng
RT: 16.49 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:154 Resp: 2315

Ion	Ratio	Lower	Upper
154	100		
153	433.4	348.9	523.3
152	218.7	166.6	249.8

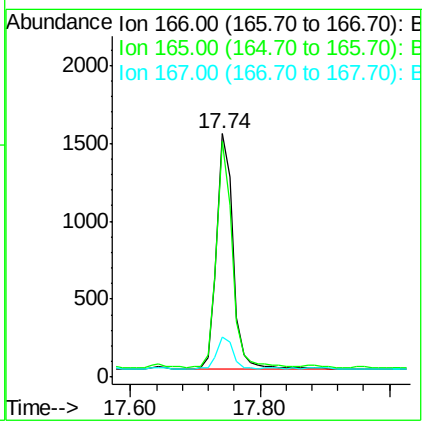


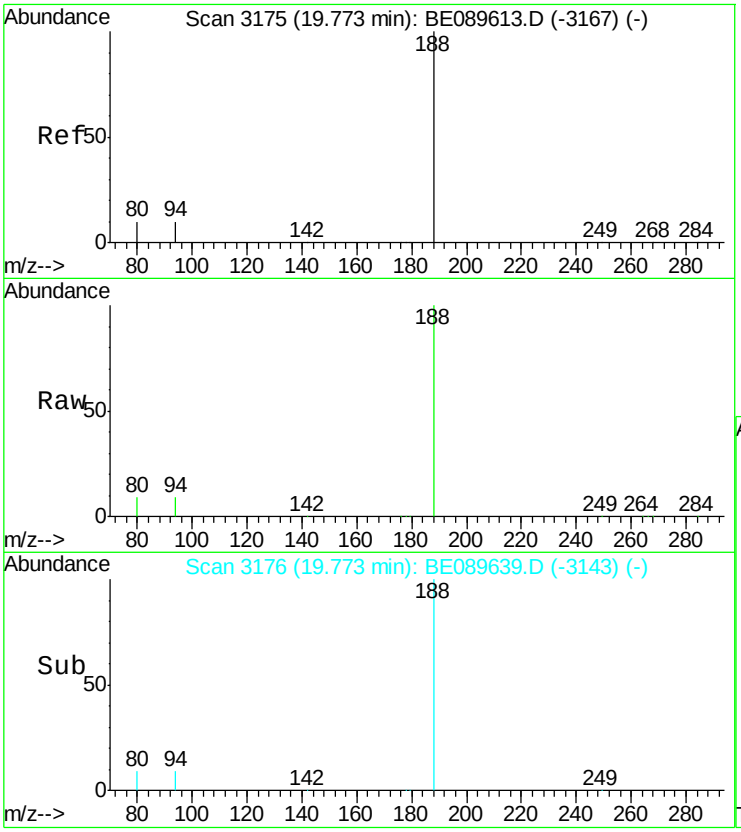


#12
Fluorene
Concen: 0.14 ng
RT: 17.74 min Scan# 2972
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:166 Resp: 2625

Ion	Ratio	Lower	Upper
166	100		
165	92.0	74.7	112.1
167	13.8	10.5	15.7



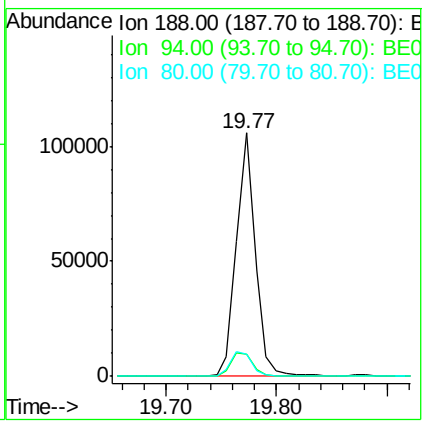


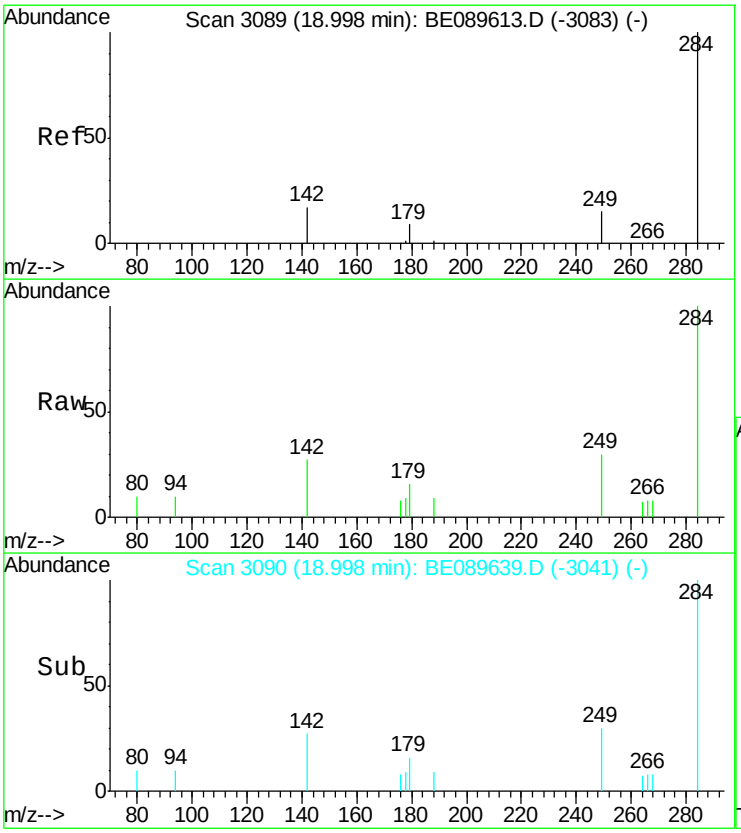
#13
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.77 min Scan# 3176
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:188 Resp: 126347

Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.4
80	9.0	8.1	12.1

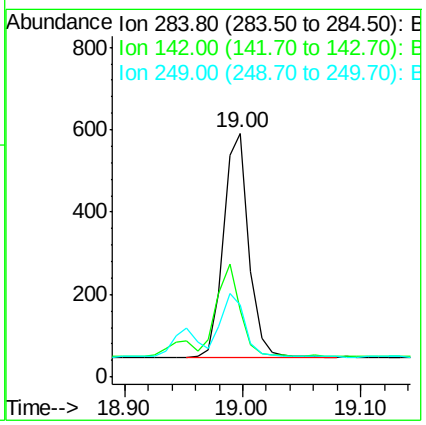


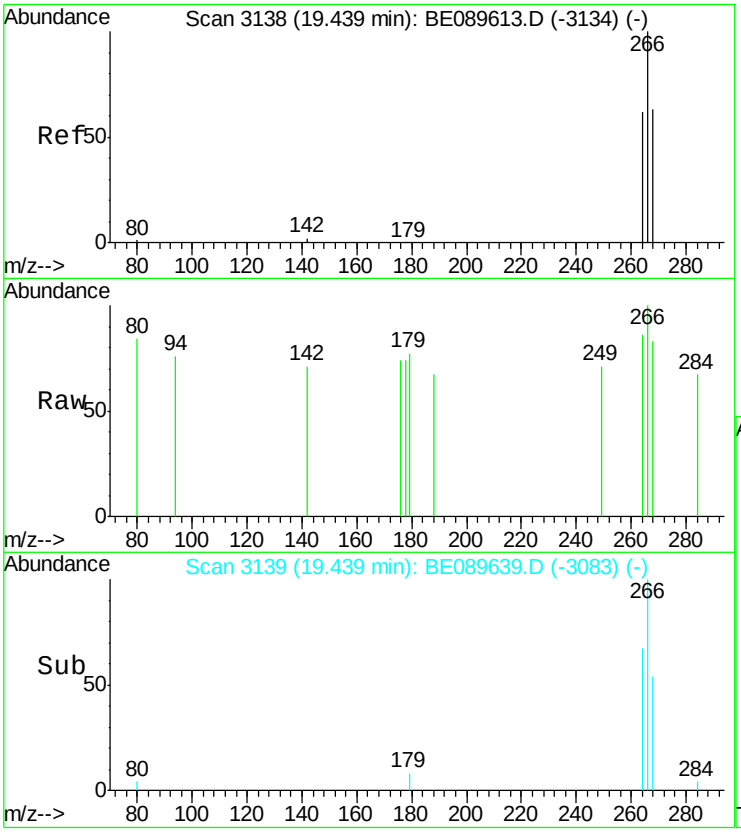


#14
Hexachlorobenzene
Concen: 0.15 ng
RT: 19.00 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:284 Resp: 811

Ion	Ratio	Lower	Upper
284	100		
142	45.4	32.3	48.5
249	28.0	22.3	33.5



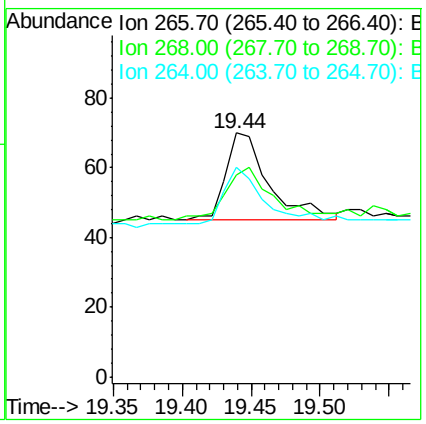


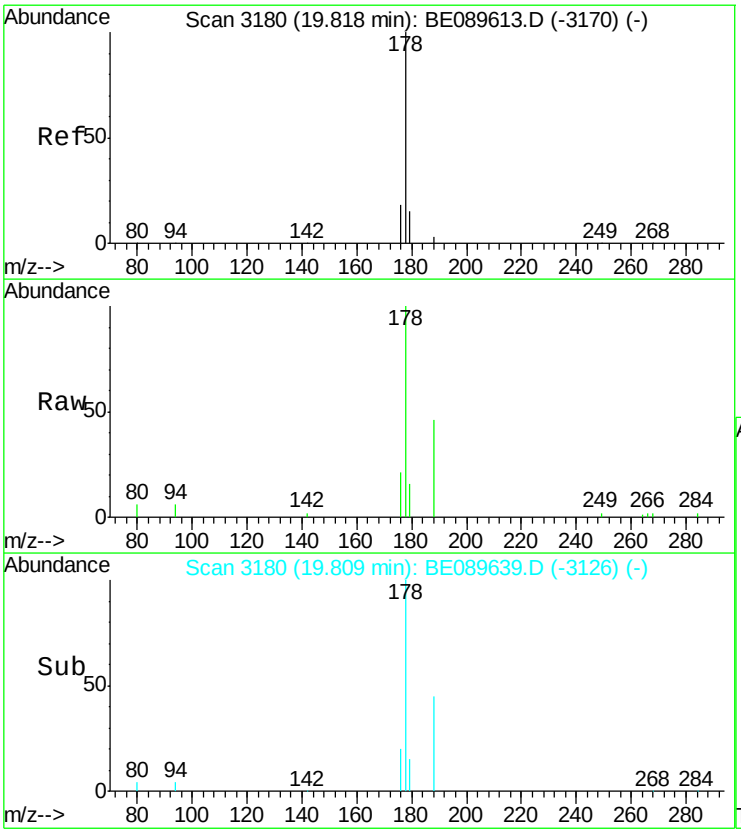
#15
Pentachlorophenol
Concen: 0.04 ng
RT: 19.44 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:266 Resp: 54

Ion	Ratio	Lower	Upper
266	100		
268	82.9	52.6	79.0#
264	85.7	51.8	77.8#

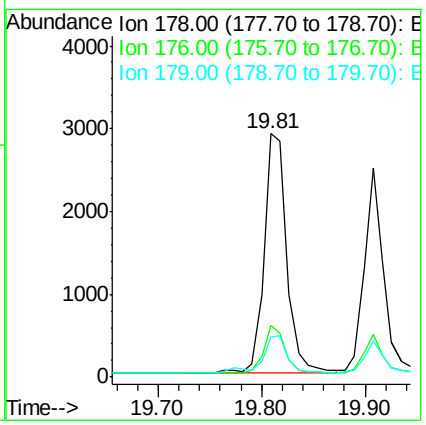


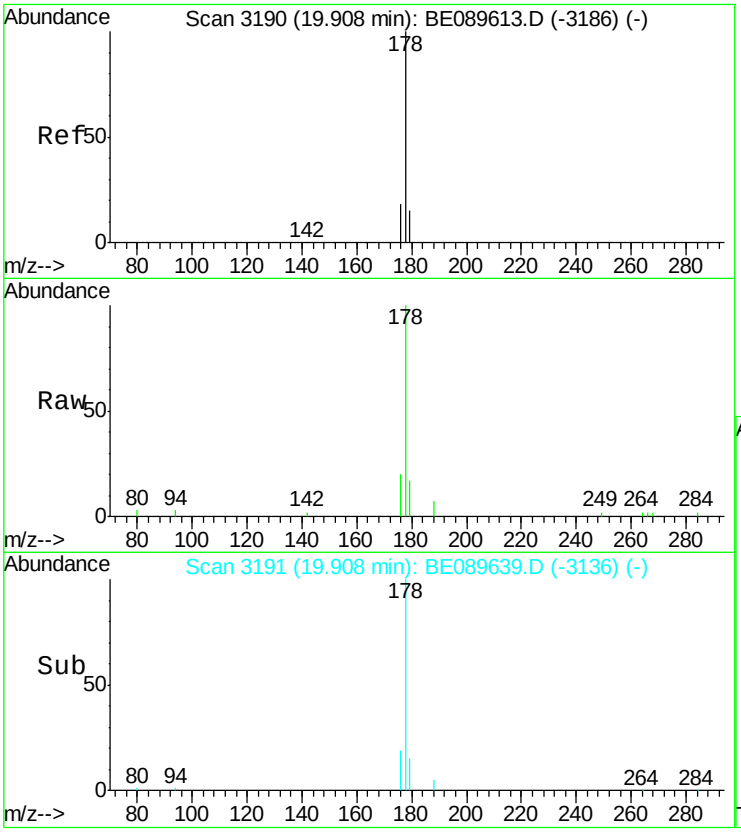


#16
Phenanthrene
Concen: 0.14 ng
RT: 19.81 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:178 Resp: 4448

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.1	22.7
179	16.9	12.3	18.5



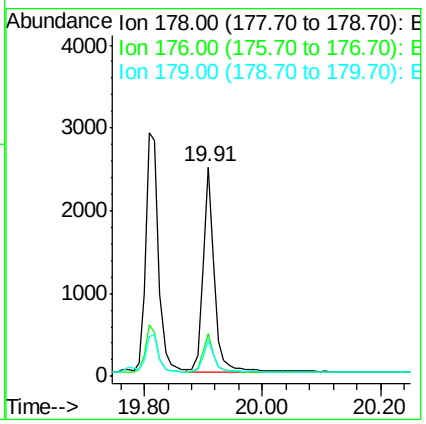


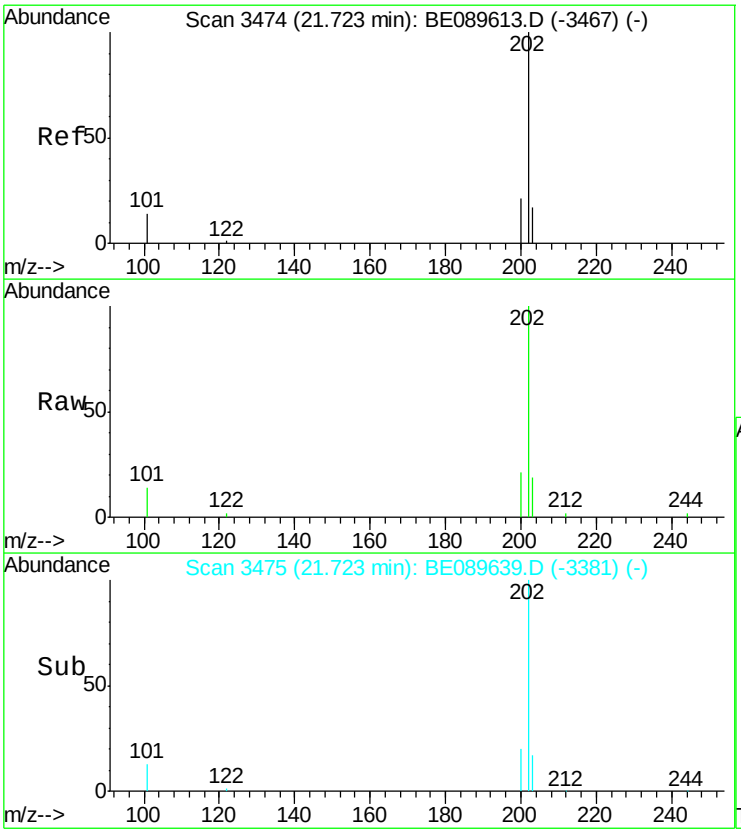
#17
Anthracene
Concen: 0.13 ng
RT: 19.91 min Scan# 3191
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:178 Resp: 3359

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.6	22.0
179	14.5	12.3	18.5

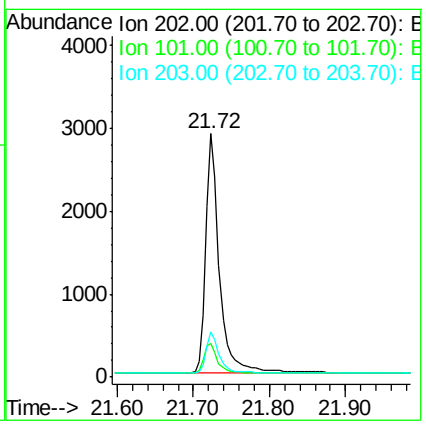


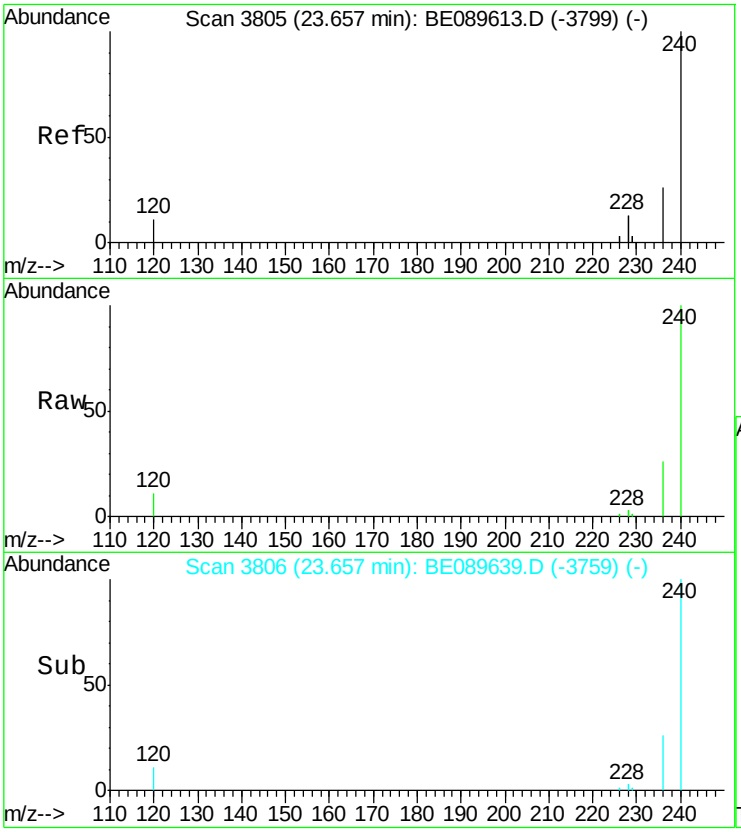


#18
Fluoranthene
Concen: 0.13 ng
RT: 21.72 min Scan# 3475
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:202 Resp: 3711

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.4	15.6
203	16.7	13.9	20.9



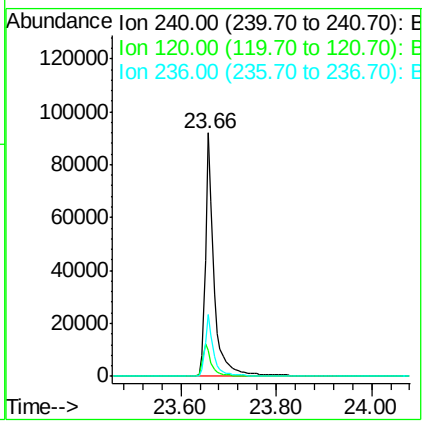


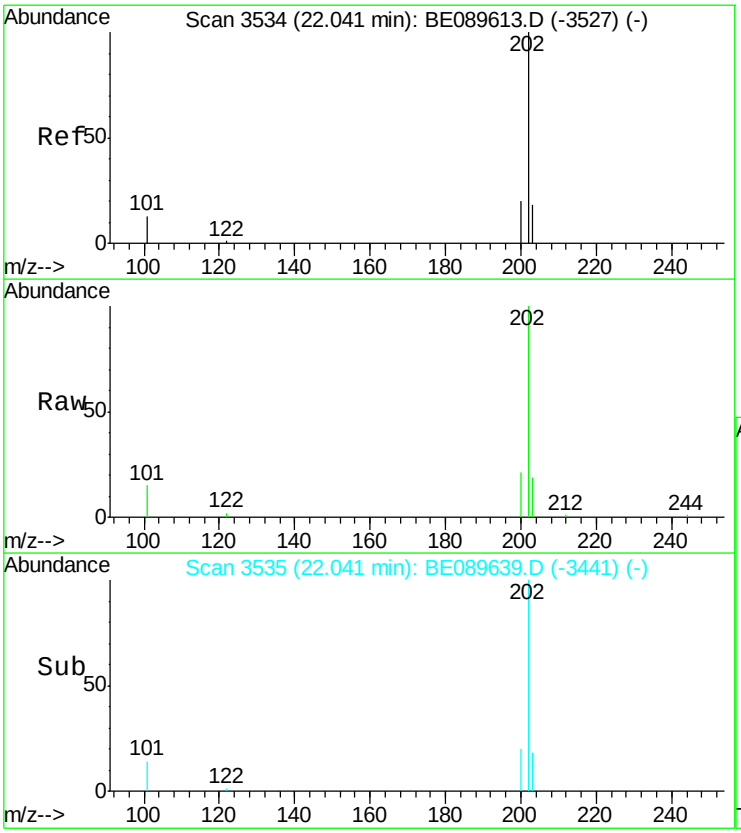
#19
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3806
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:240 Resp: 117982

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.0	13.4
236	25.7	21.0	31.6

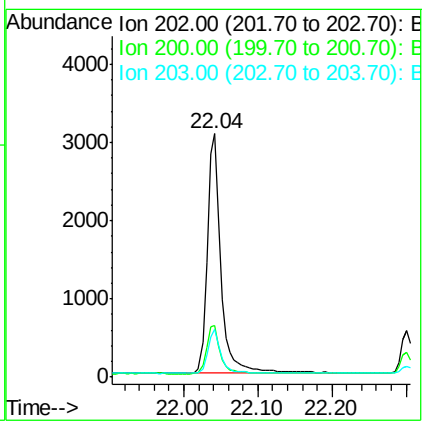


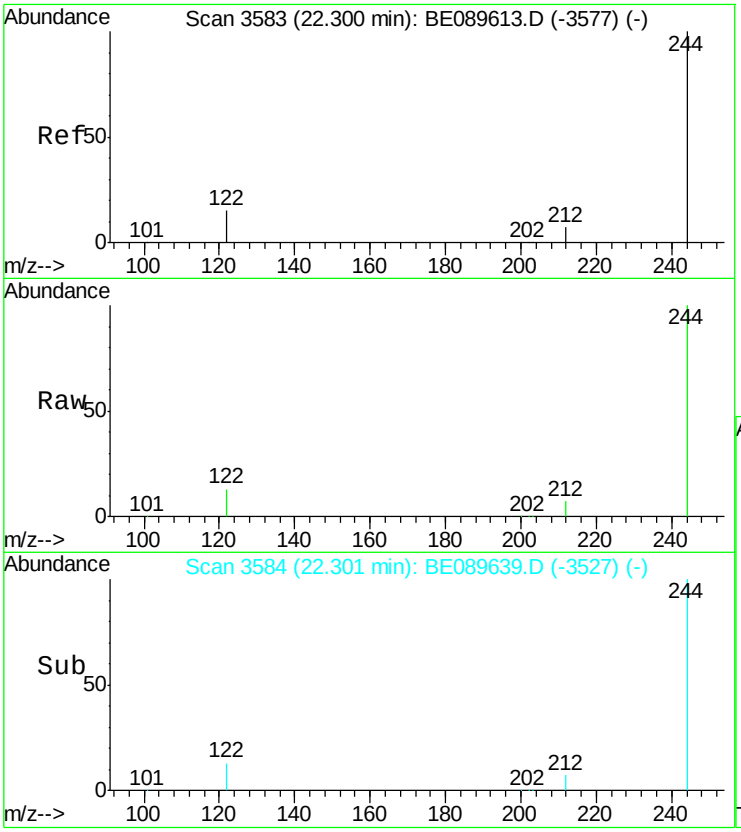


#20
Pyrene
Concen: 0.14 ng
RT: 22.04 min Scan# 3535
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:202 Resp: 3966

Ion	Ratio	Lower	Upper
202	100		
200	20.0	16.3	24.5
203	17.5	13.8	20.8



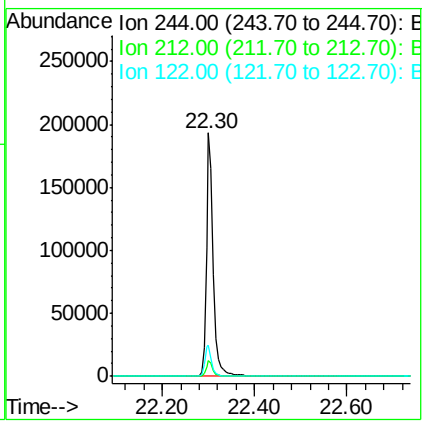


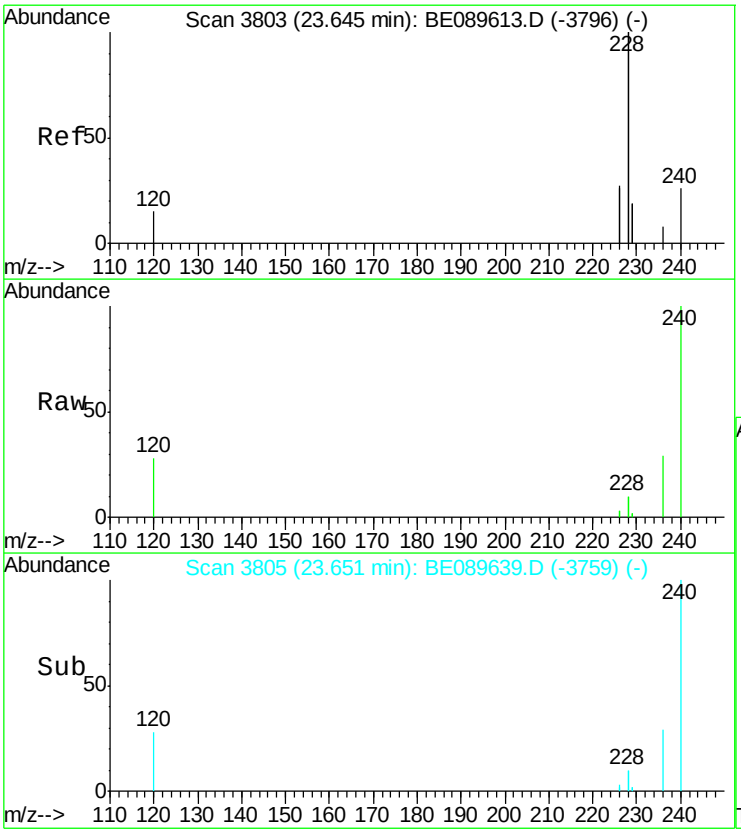
#21
Terphenyl-d14
Concen: 12.13 ng
RT: 22.30 min Scan# 3584
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:244 Resp: 205724

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	13.0	11.8	17.8

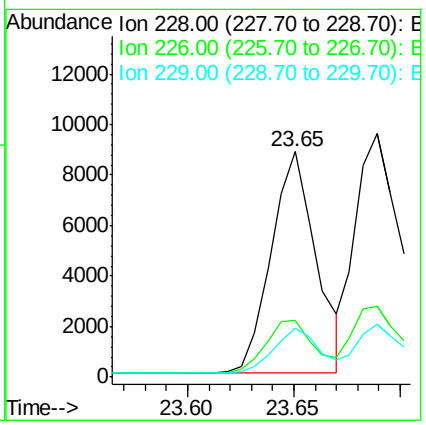


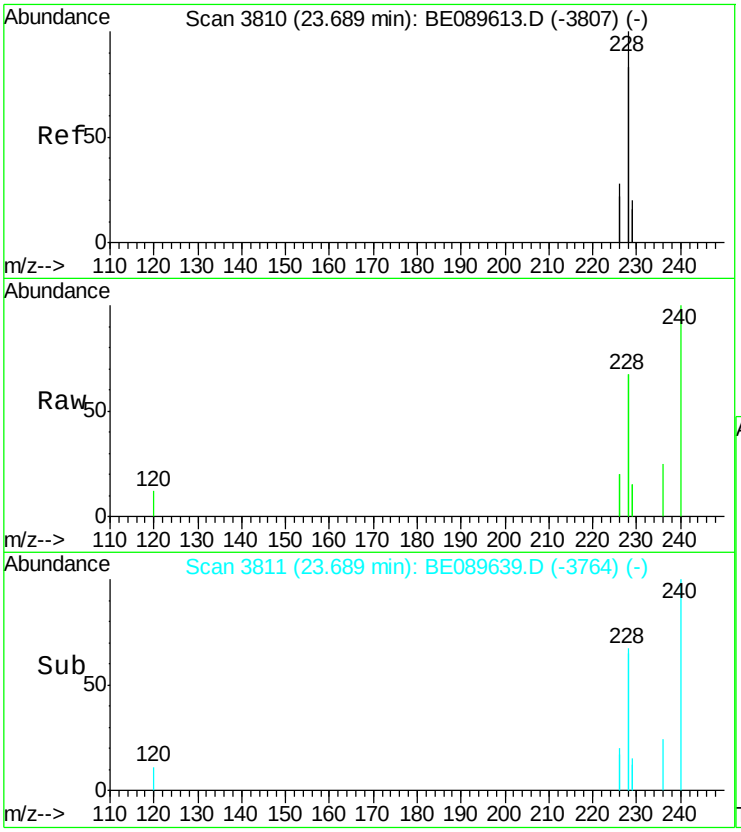


#22
Benzo(a)anthracene
Concen: 0.12 ng
RT: 23.65 min Scan# 3805
Delta R.T. 0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:228 Resp: 12772

Ion	Ratio	Lower	Upper
228	100		
226	25.3	21.2	31.8
229	21.9	15.2	22.8



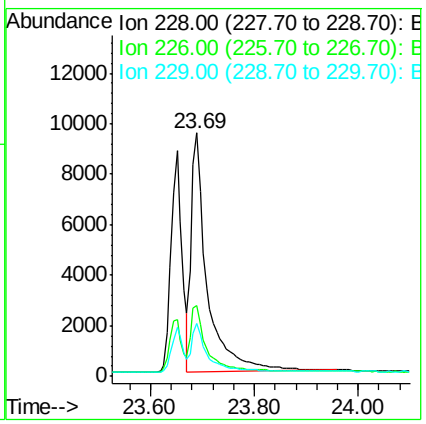


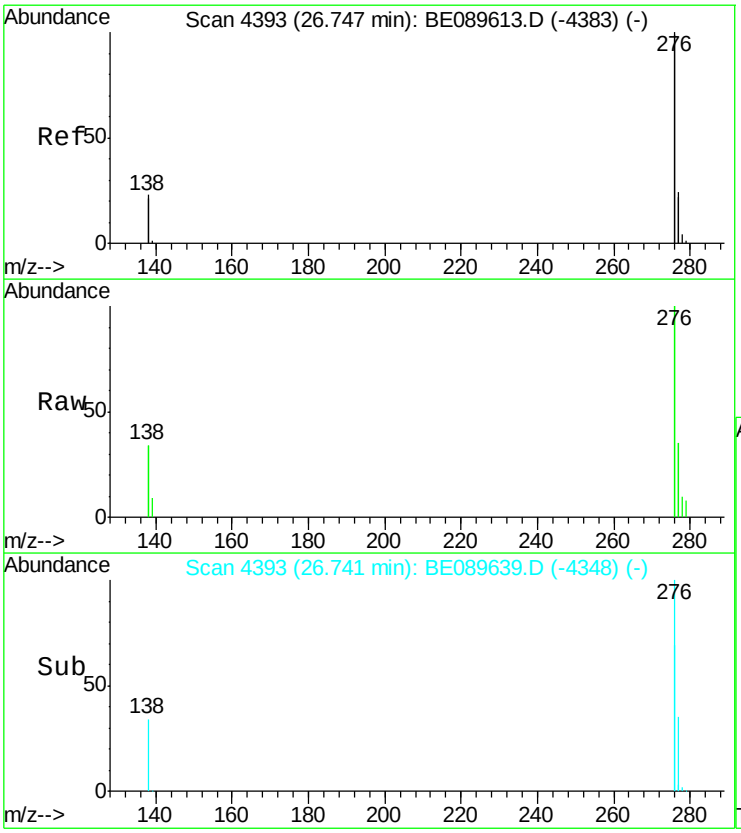
#23
Chrysene
Concen: 0.17 ng
RT: 23.69 min Scan# 3811
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:228 Resp: 19943

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.2	33.4
229	21.9	16.0	24.0

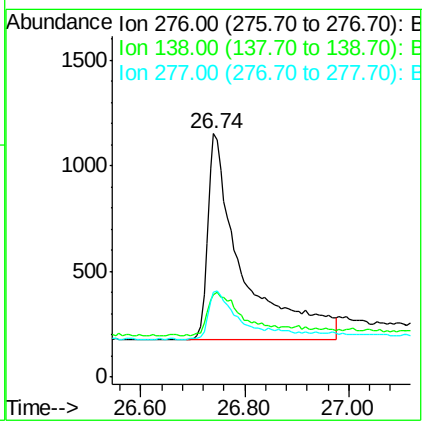


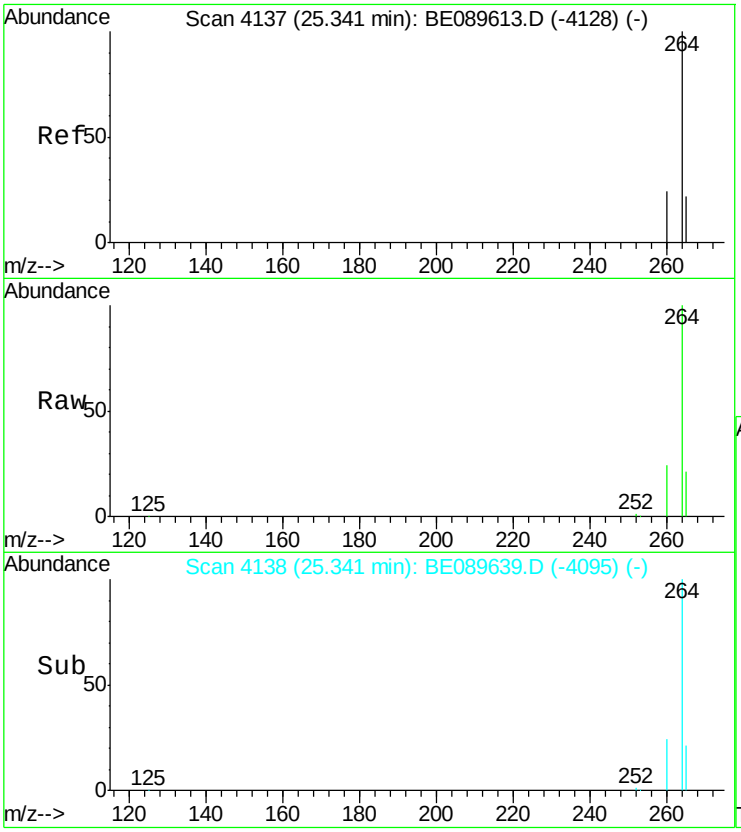


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.22 ng
RT: 26.74 min Scan# 4393
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:276 Resp: 4520

Ion	Ratio	Lower	Upper
276	100		
138	20.8	21.4	32.2#
277	19.0	19.9	29.9#



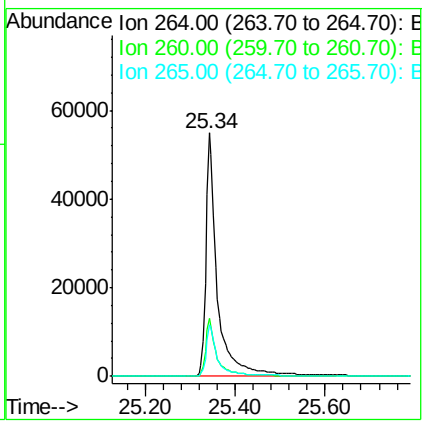


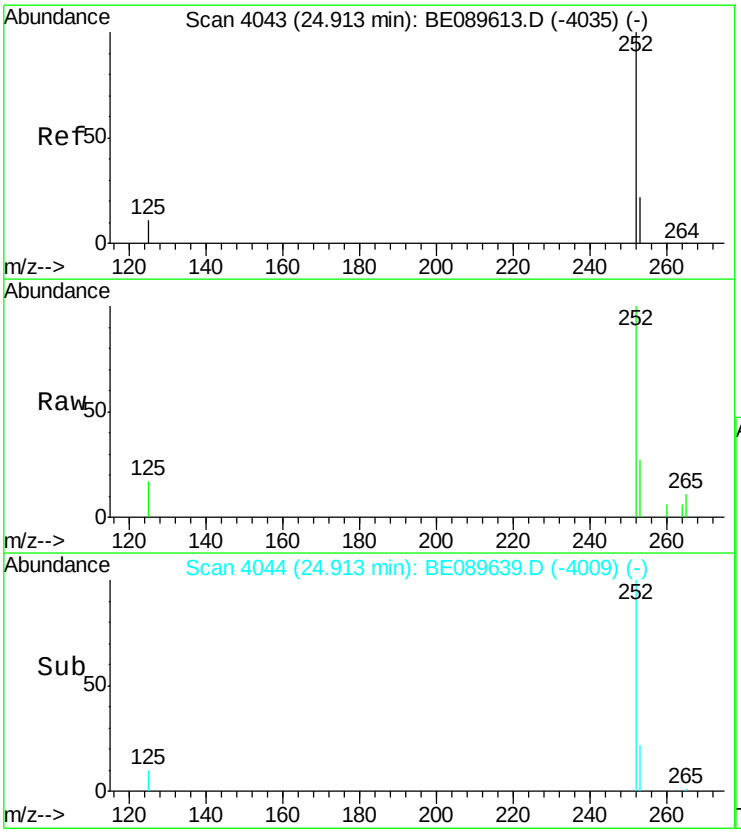
#25
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4138
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:264 Resp: 98073

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.1	17.4	26.0

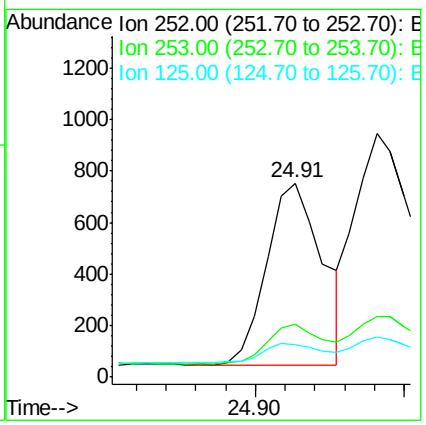


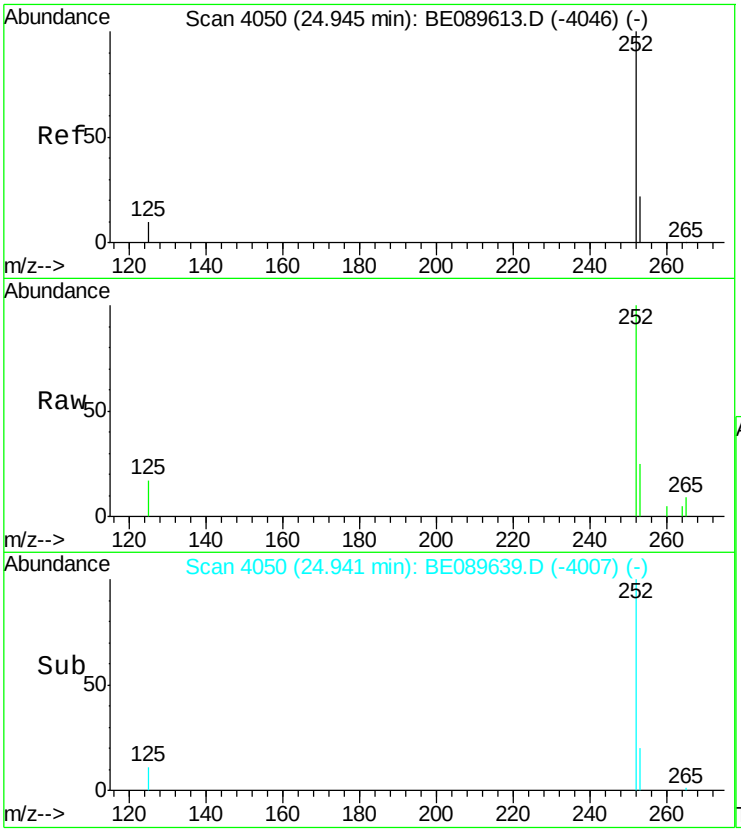


#26
Benzo(b)fluoranthene
Concen: 0.31 ng
RT: 24.91 min Scan# 4044
Delta R.T. 0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:252 Resp: 912

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.6	26.4#
125	16.6	8.8	13.2#



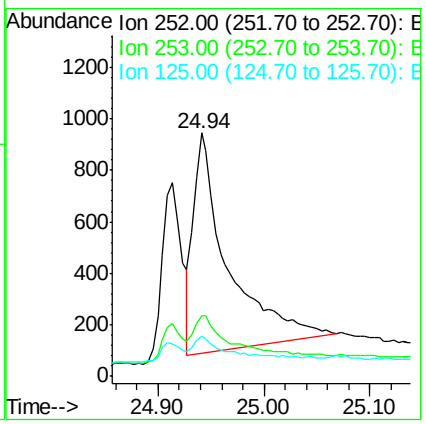


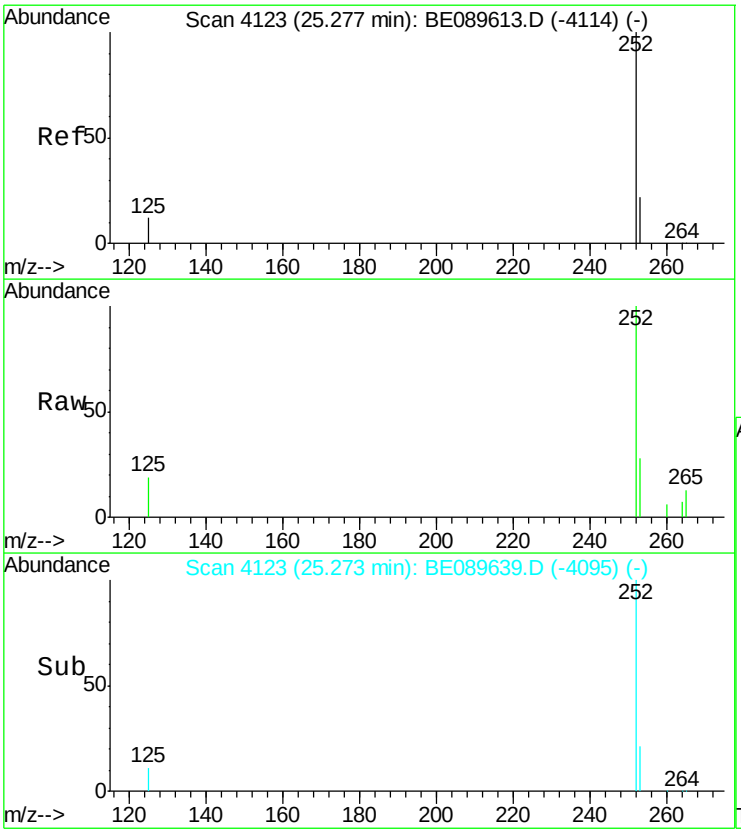
#27
Benzo(k)fluoranthene
Concen: 0.07 ng
RT: 24.94 min Scan# 4050
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:252 Resp: 1971

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.7	26.5
125	16.5	8.8	13.2#

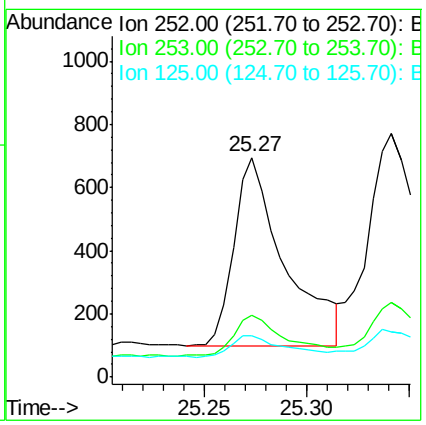


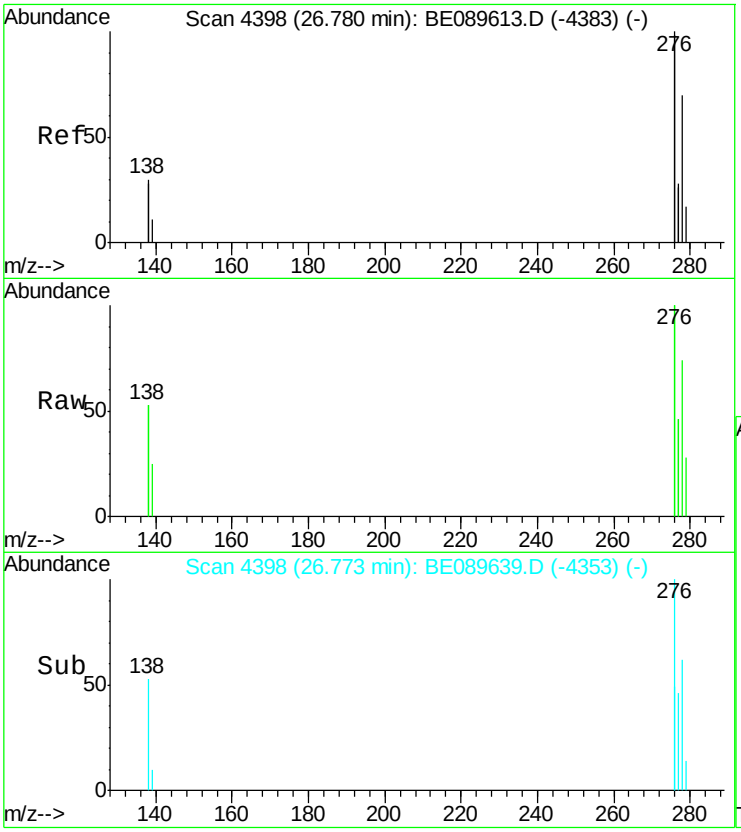


#28
Benzo(a)pyrene
Concen: 0.29 ng
RT: 25.27 min Scan# 4123
Delta R.T. -0.00 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:252 Resp: 1025

Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	18.7	9.6	14.4#



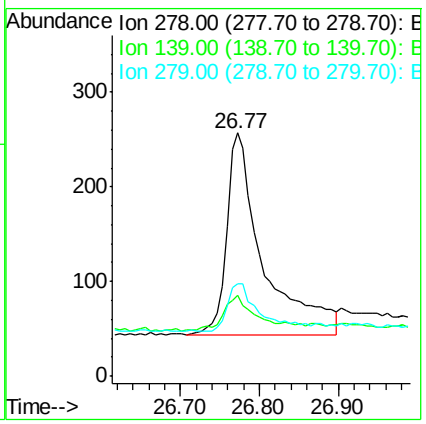


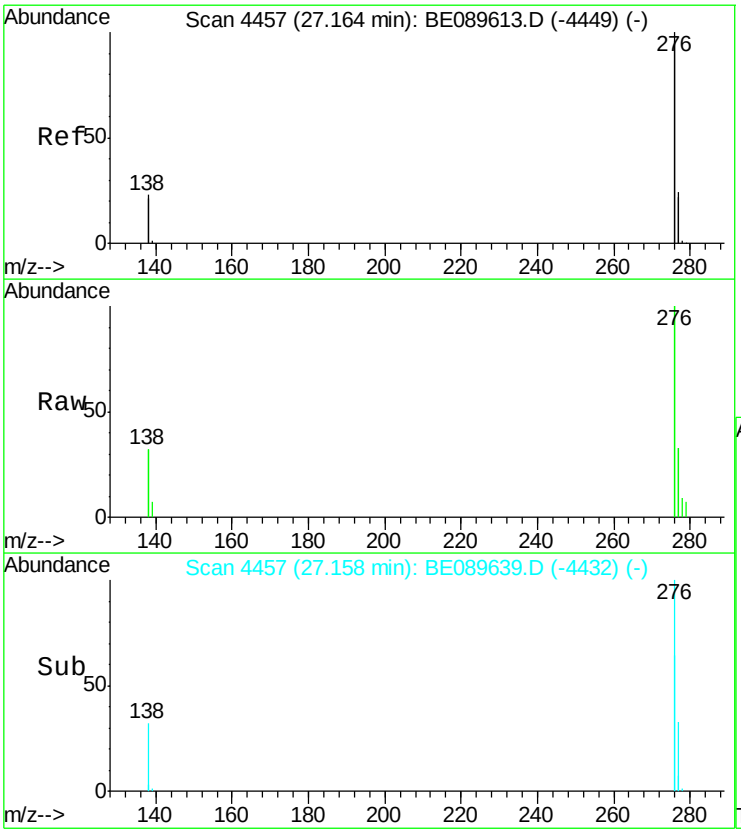
#29
Dibenzo(a,h)anthracene
Concen: 0.26 ng
RT: 26.77 min Scan# 4398
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Instrument :
BNA_E
ClientSampleId :
MDL-01-W

Tgt Ion:278 Resp: 671

Ion	Ratio	Lower	Upper
278	100		
139	33.1	13.7	20.5#
279	38.1	19.7	29.5#





#30
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 27.16 min Scan# 4457
Delta R.T. -0.01 min
Lab File: BE089639.D
Acq: 19 Feb 2015 16:33

Tgt Ion:276 Resp: 6077

Ion	Ratio	Lower	Upper
276	100		
277	33.0	19.1	28.7#
138	31.9	18.7	28.1#