Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021715\
Data File : BE089603.D
Acq On : 17 Feb 2015 21:02
Operator : TP/IZ
Sample : G1258-01RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : MW-1RE

Quant Time: Feb 18 14:39:37 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE021715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 18 14:11:34 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.35	152	75655	5.00	ng		0.02
7) Naphthalene-d8	12.25	136	375479	5.00	ng		0.01
13) Acenaphthene-d10	16.44	164	191696	5.00	ng		0.02
17) Phenanthrene-d10	19.80	188	457217	5.00	ng		0.03
20) Chrysene-d12	23.66	240	324608	5.00	ng		0.00
27) Perylene-d12	25.34	264	292299	5.00	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	6.50	112	114336	5.81	ng		0.00
4) Phenol-d6	8.63	99	108351	4.18	ng		0.00
8) Nitrobenzene-d5	10.62	82	195783	9.42	ng		0.01
14) 2,4,6-Tribromophenol	18.35	330	95541	16.90	ng		0.03
15) 2-Fluorobiphenyl	14.90	172	494603	9.65	ng		0.02
22) Terphenyl-d14	22.31	244	620353	14.16	ng		0.00
Target Compounds							Qvalue
23) Benzo(a)anthracene	23.64	228	193609m	0.70	ng		
25) Chrysene	23.69	228	175734m	0.55	ng		
26) Indeno(1,2,3-cd)pyrene	26.75	276	3880	0.26	ng	#	96
28) Benzo(b)fluoranthene	24.92	252	17377	0.50	ng	#	91
29) Benzo(k)fluoranthene	24.94	252	9981m	0.18	ng		
30) Benzo(a)pyrene	25.27	252	10649	0.40	ng	#	89
31) Dibenzo(a,h)anthracene	26.77	278	2287	0.27	ng	#	71

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

Quantitation Report (QT Reviewed)

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Misc :
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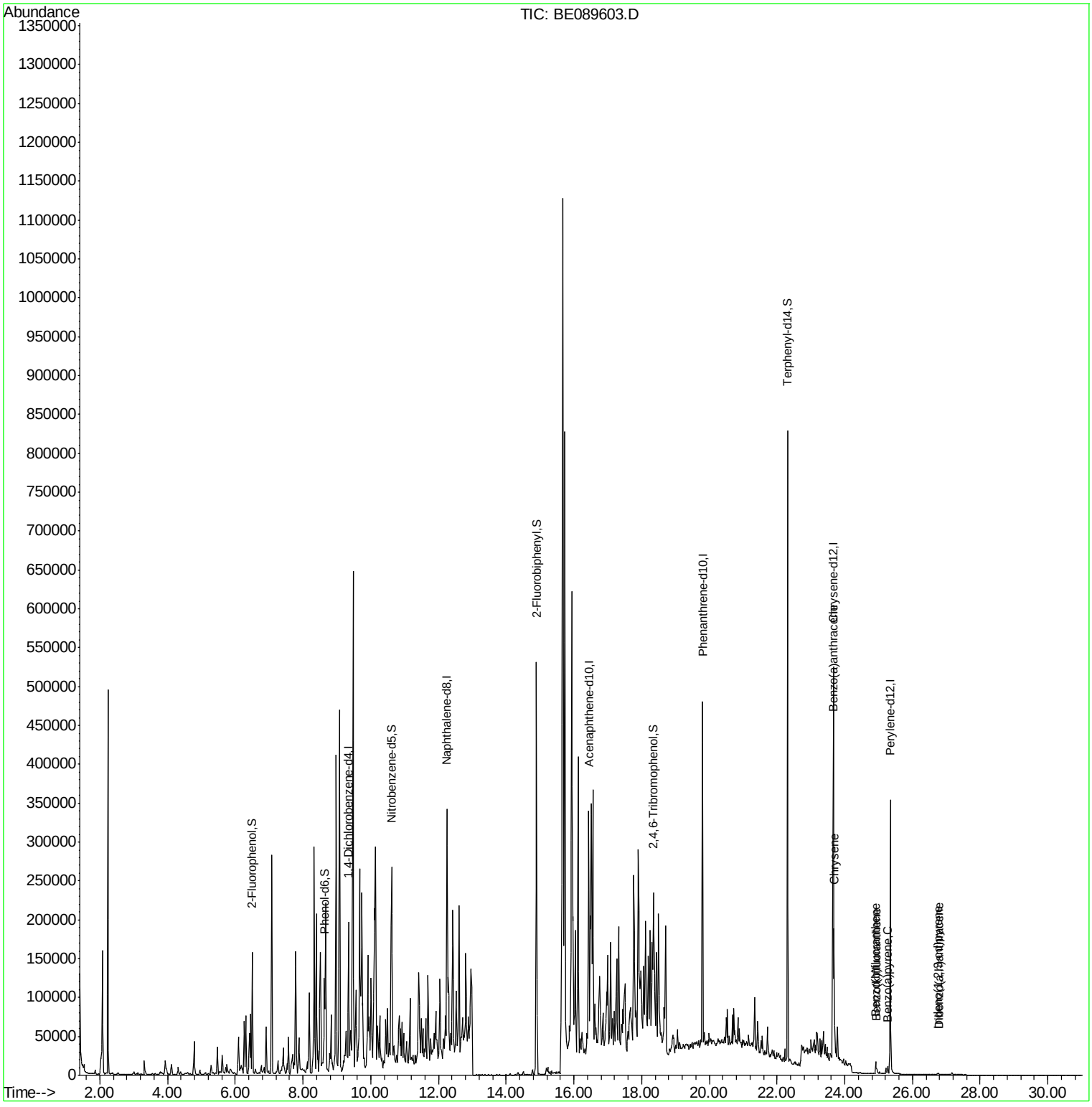
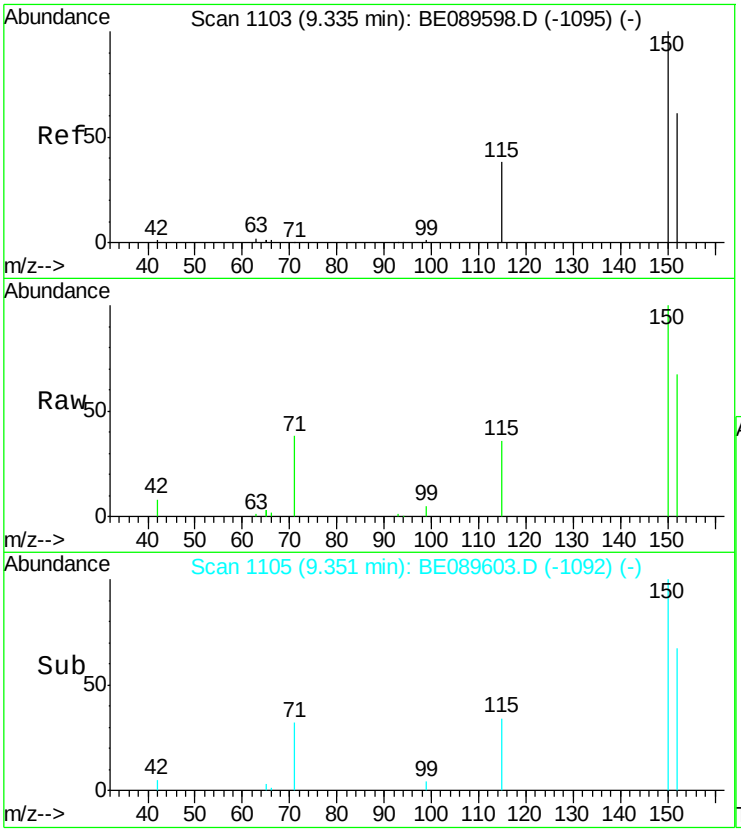


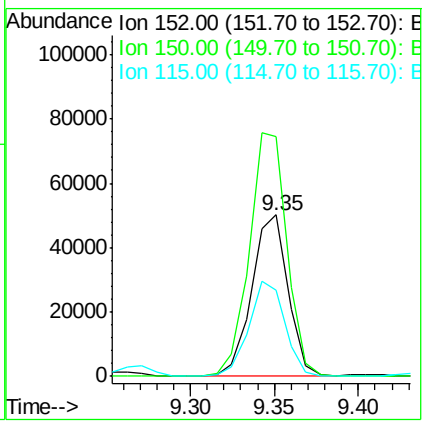


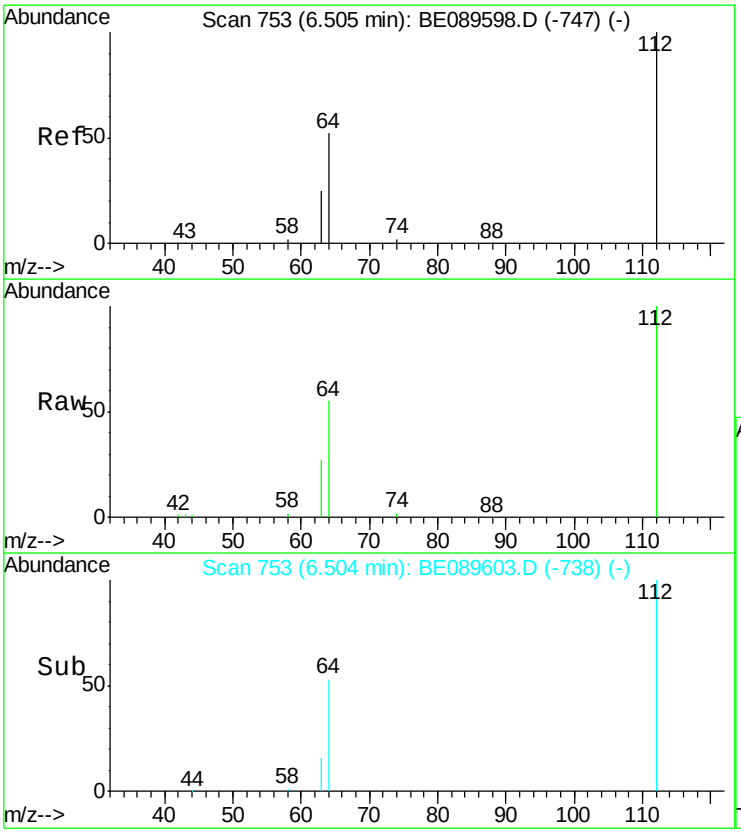
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 9.35 min Scan# 1105
Delta R.T. 0.02 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:152 Resp: 75655

Ion	Ratio	Lower	Upper
152	100		
150	148.3	130.7	196.1
115	53.1	49.6	74.4

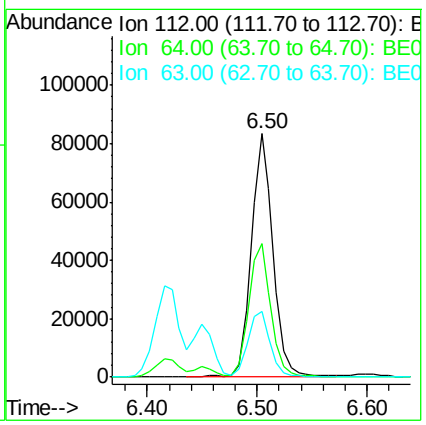


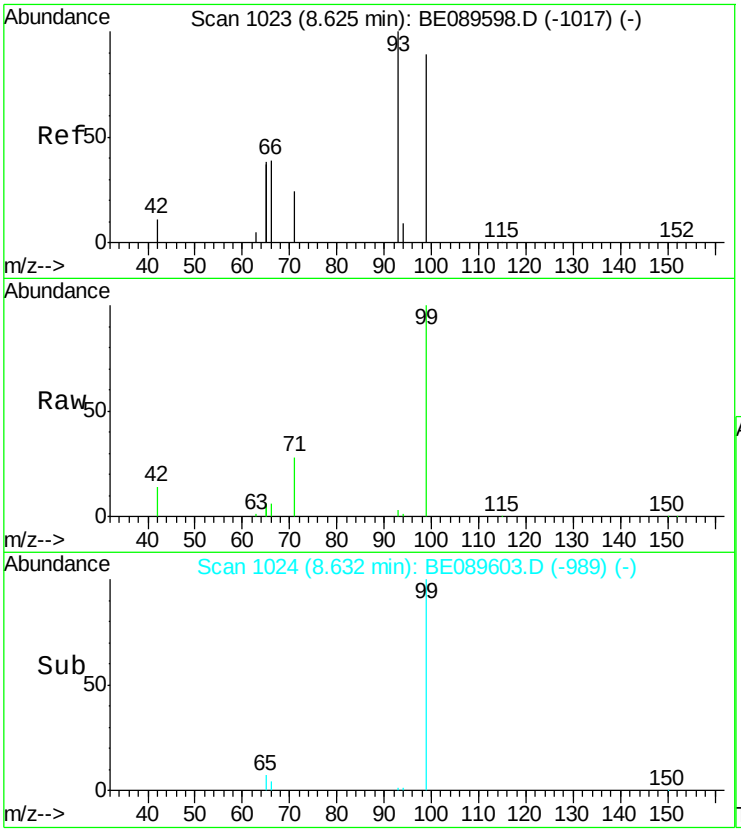


#3
2-Fluorophenol
Concen: 5.81 ng
RT: 6.50 min Scan# 753
Delta R.T. -0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:112 Resp: 114336

Ion	Ratio	Lower	Upper
112	100		
64	55.1	41.7	62.5
63	27.1	20.3	30.5



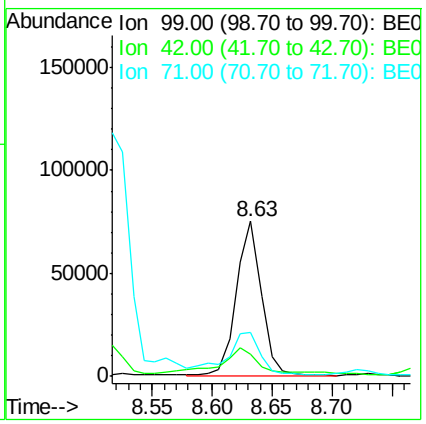


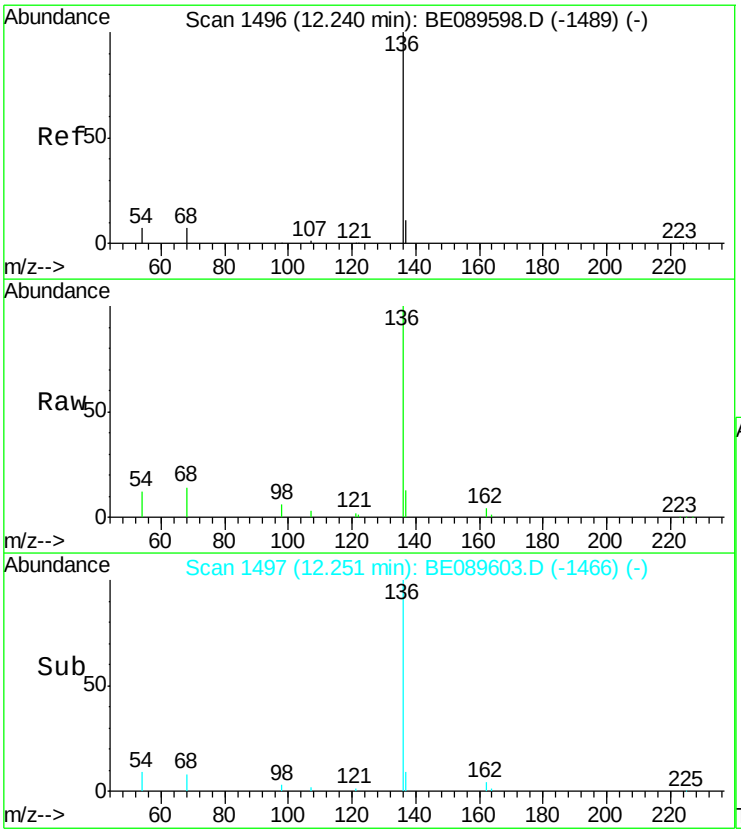
#4
Phenol-d6
Concen: 4.18 ng
RT: 8.63 min Scan# 1024
Delta R.T. 0.01 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion: 99 Resp: 108351

Ion	Ratio	Lower	Upper
99	100		
42	14.2	10.8	16.2
71	28.4	21.8	32.6

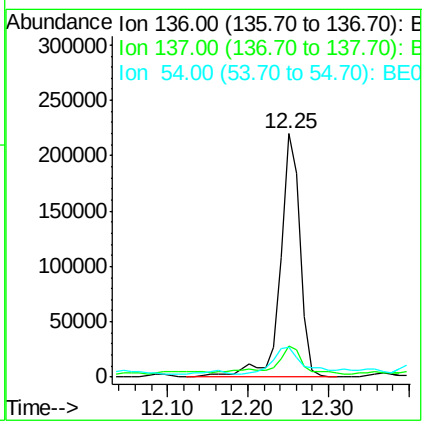


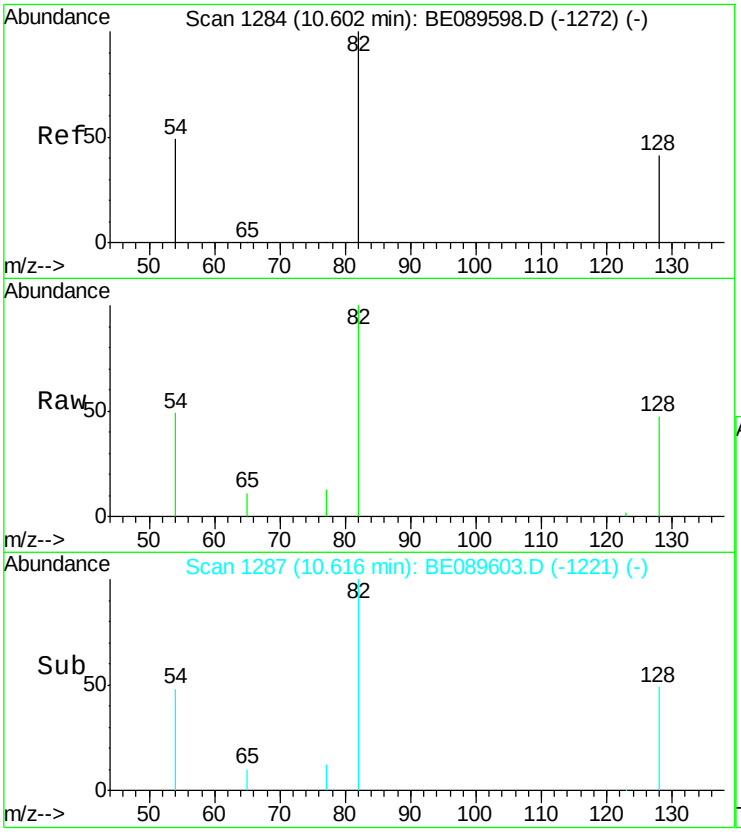


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 12.25 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:136 Resp: 375479

Ion	Ratio	Lower	Upper
136	100		
137	12.9	8.8	13.2
54	12.5	5.7	8.5#



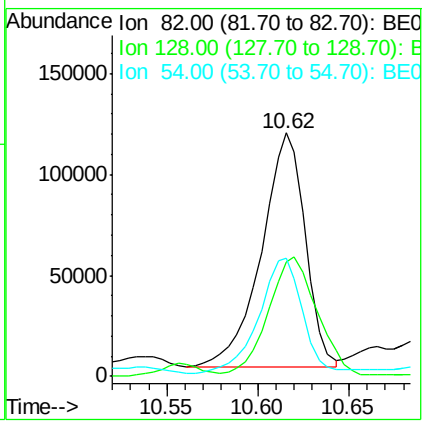


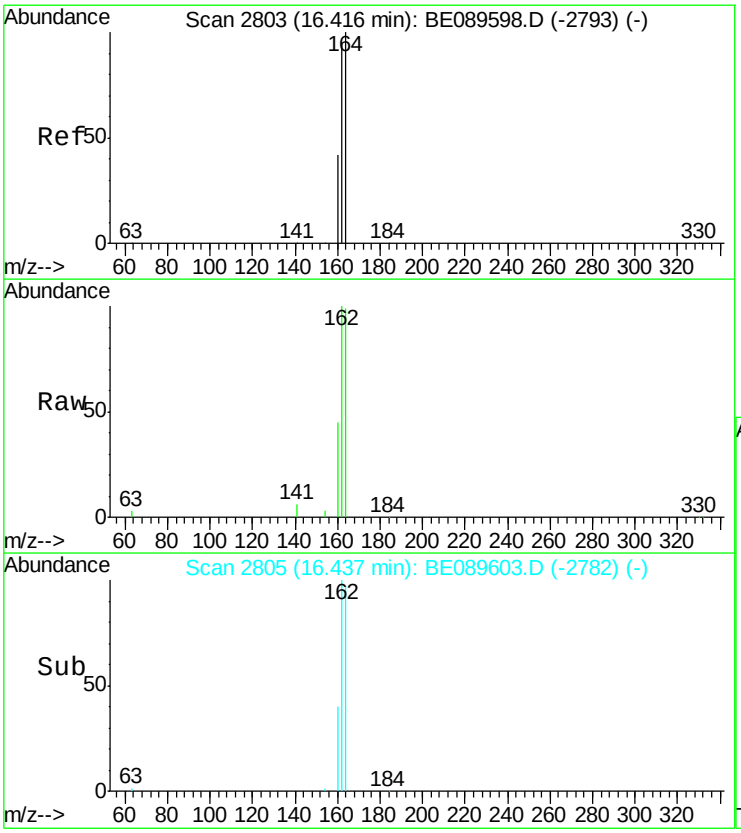
#8
Nitrobenzene-d5
Concen: 9.42 ng
RT: 10.62 min Scan# 1287
Delta R.T. 0.01 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion: 82 Resp: 195783

Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.2	49.8
54	48.6	39.6	59.4

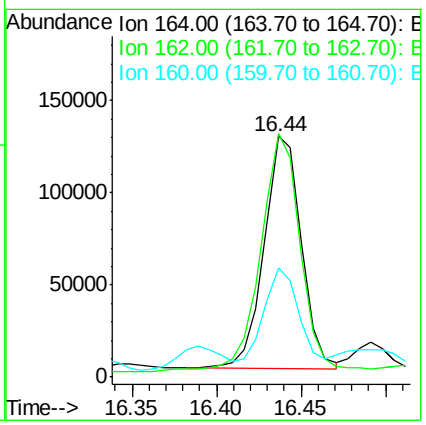


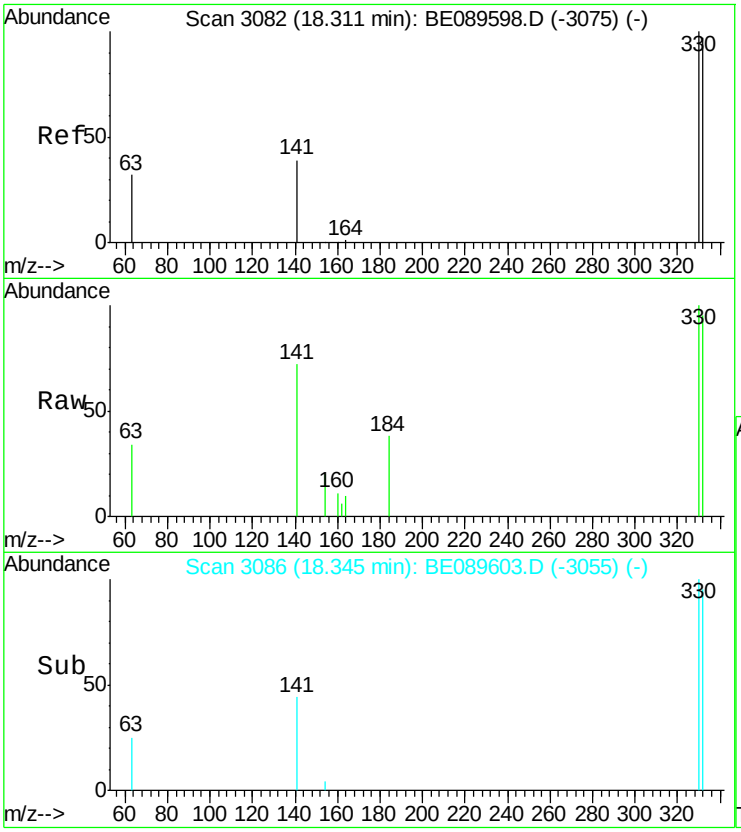


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.44 min Scan# 2805
Delta R.T. 0.02 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:164 Resp: 191696

Ion	Ratio	Lower	Upper
164	100		
162	101.0	76.3	114.5
160	45.4	33.9	50.9



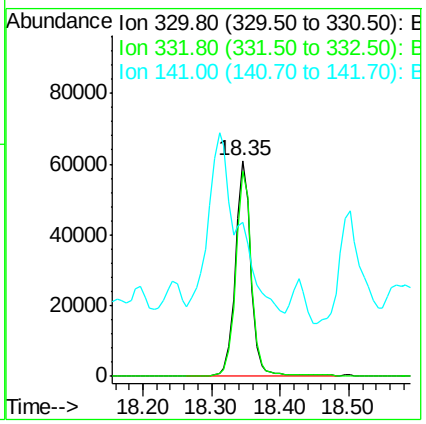


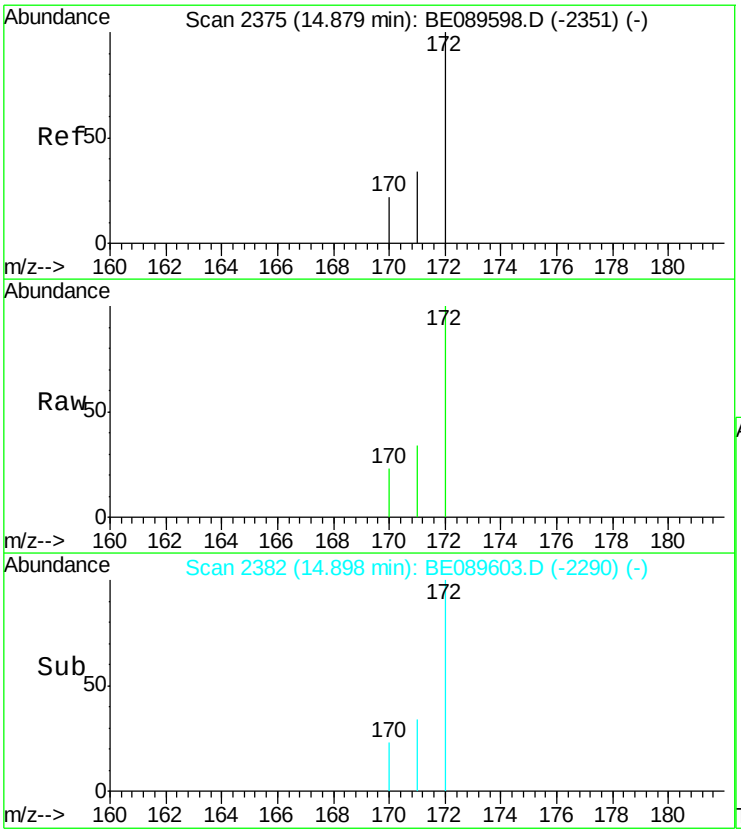
#14
2,4,6-Tribromophenol
Concen: 16.90 ng
RT: 18.35 min Scan# 3086
Delta R.T. 0.03 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:330 Resp: 95541

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.7	115.1
141	0.0	30.1	45.1#

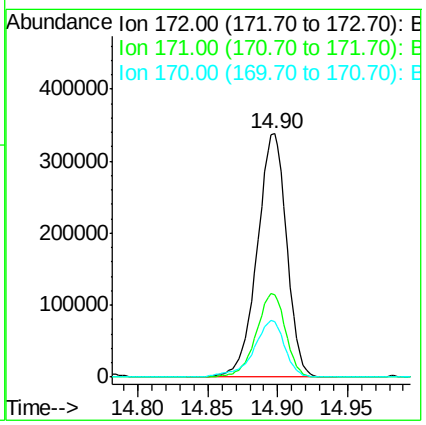


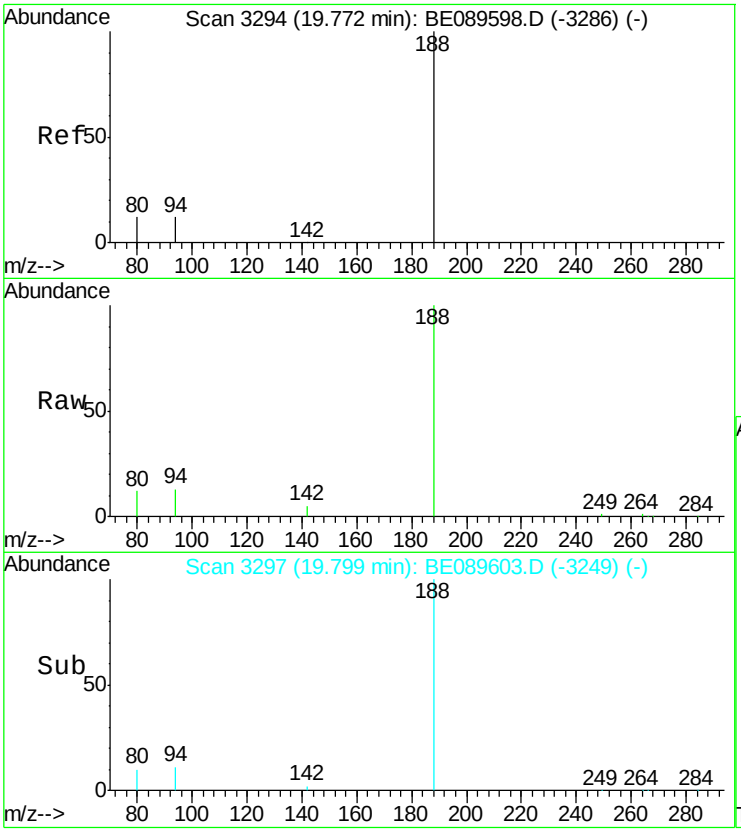


#15
2-Fluorobiphenyl
Concen: 9.65 ng
RT: 14.90 min Scan# 2382
Delta R.T. 0.02 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:172 Resp: 494603

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.4	41.0
170	22.6	17.9	26.9



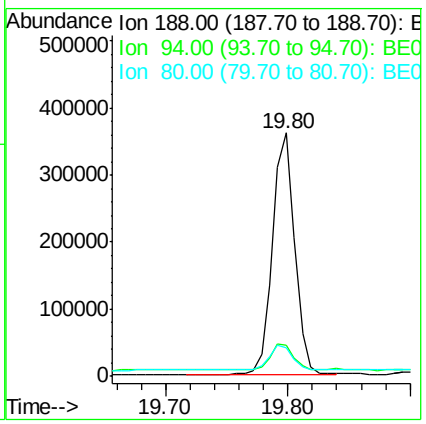


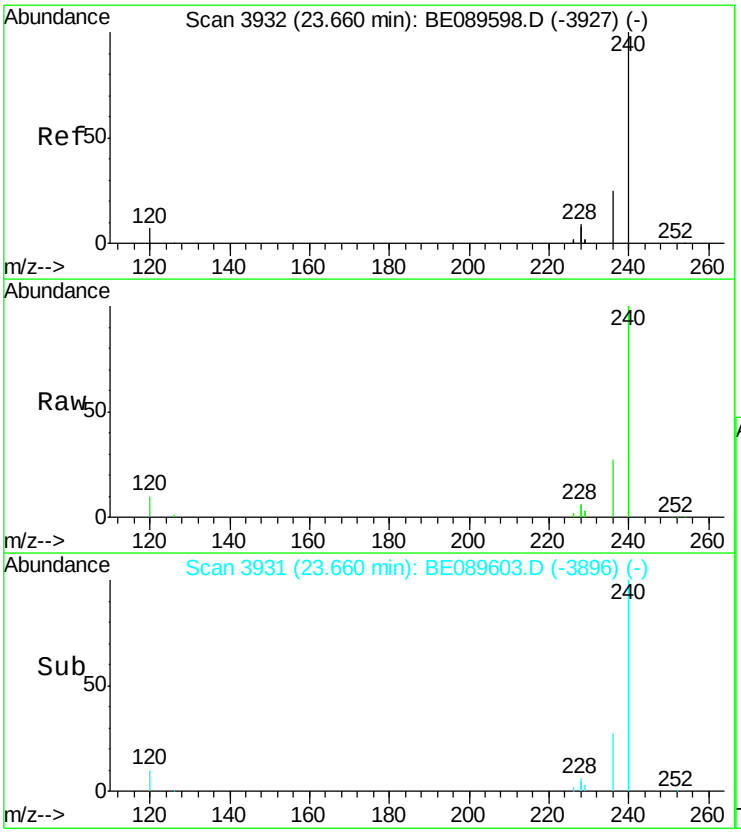
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.80 min Scan# 3297
Delta R.T. 0.03 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:188 Resp: 457217

Ion	Ratio	Lower	Upper
188	100		
94	12.9	9.4	14.2
80	11.9	9.8	14.8

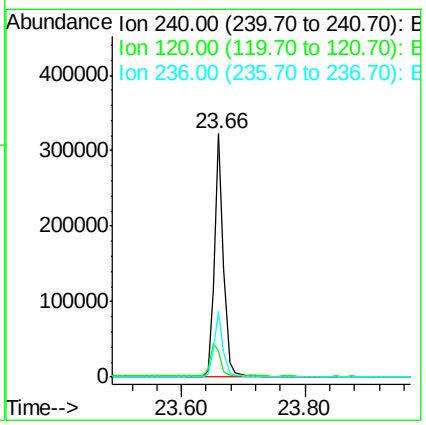


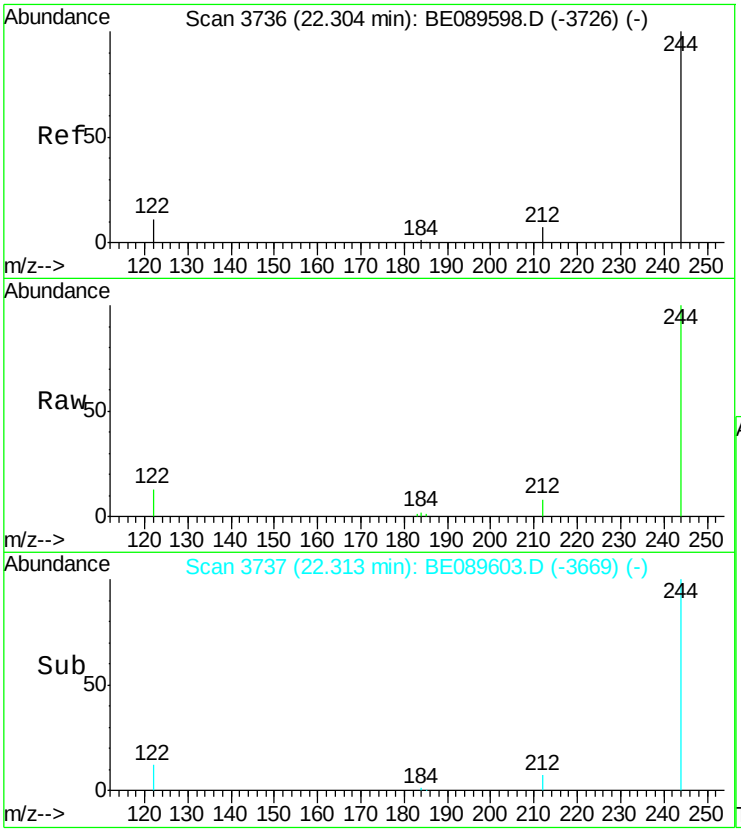


#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.66 min Scan# 3931
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:240 Resp: 324608

Ion	Ratio	Lower	Upper
240	100		
120	10.5	5.4	8.0#
236	27.2	19.8	29.6



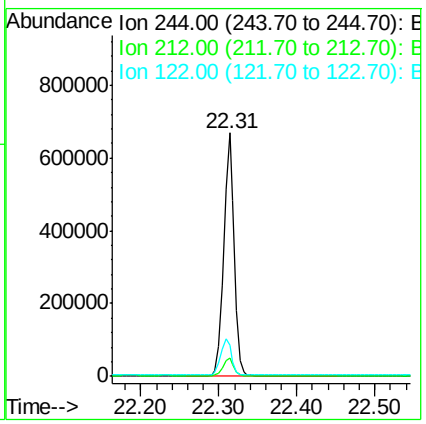


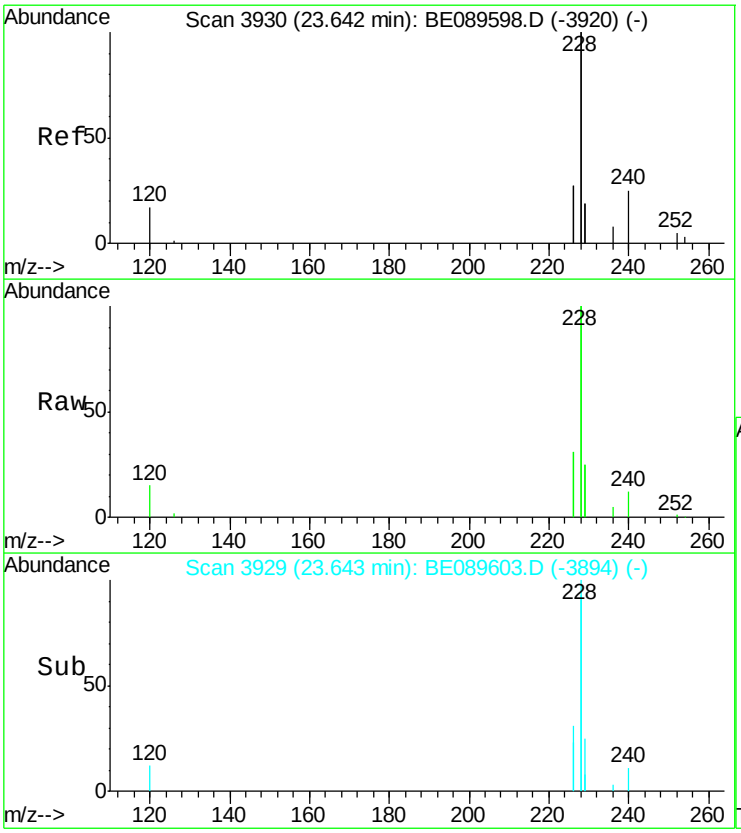
#22
Terphenyl-d14
Concen: 14.16 ng
RT: 22.31 min Scan# 3737
Delta R.T. 0.01 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:244 Resp: 620353

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.7	8.5
122	12.7	8.6	13.0

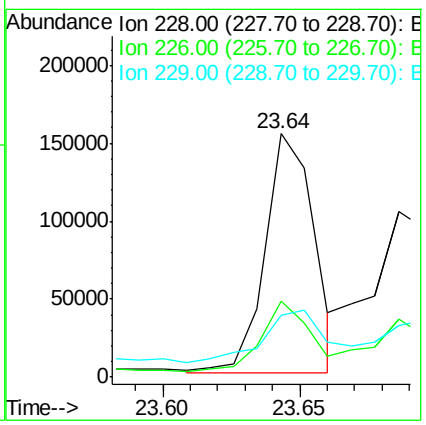


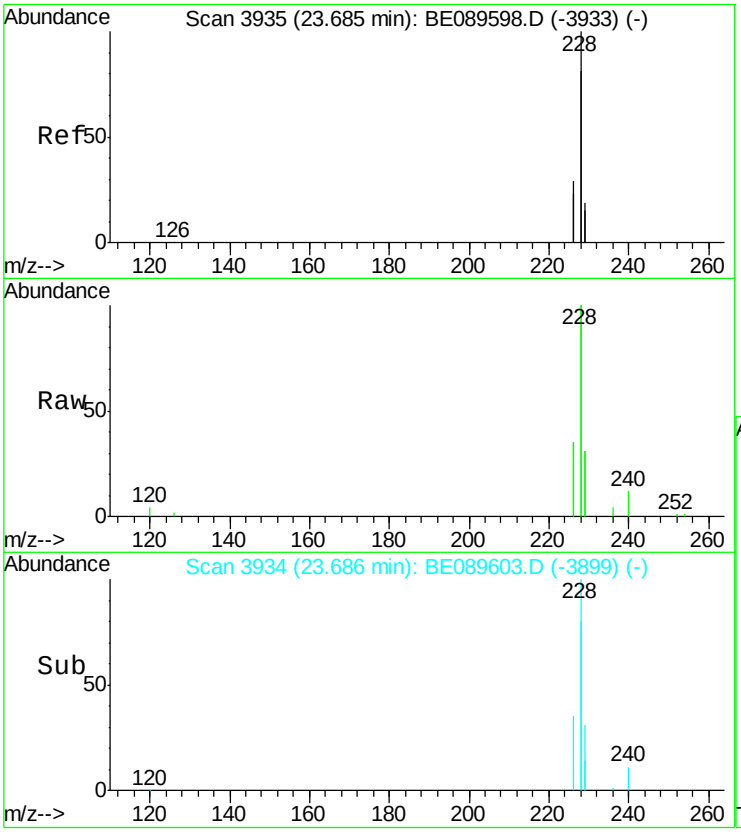


#23
Benzo(a)anthracene
Concen: 0.70 ng m
RT: 23.64 min Scan# 3929
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:228 Resp: 193609

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.5	32.3
229	25.4	15.0	22.6#



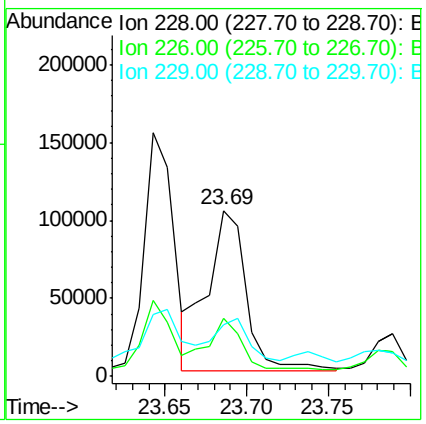


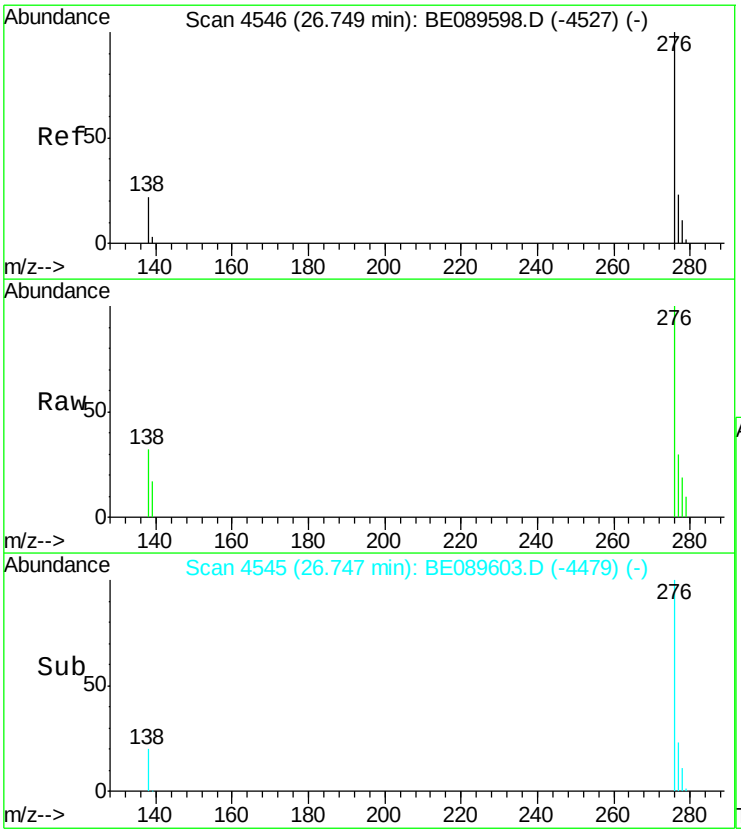
#25
Chrysene
Concen: 0.55 ng m
RT: 23.69 min Scan# 3934
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:228 Resp: 175734

Ion	Ratio	Lower	Upper
228	100		
226	34.8	23.4	35.2
229	31.3	15.3	22.9#

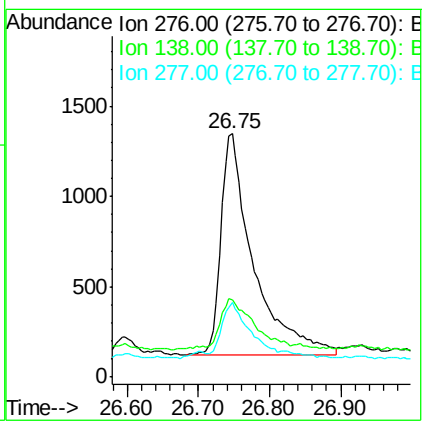


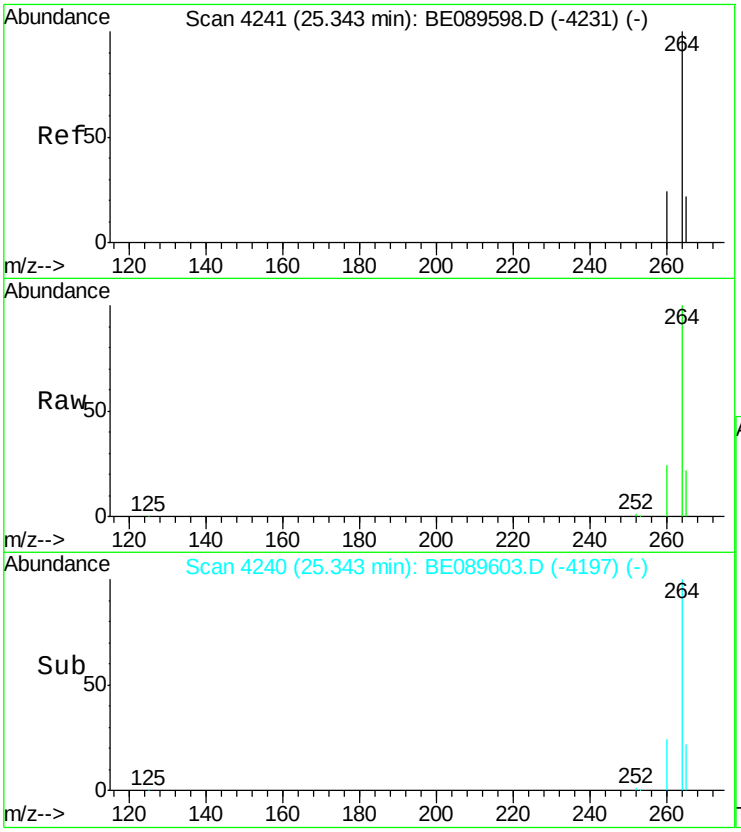


#26
Indeno(1,2,3-cd)pyrene
Concen: 0.26 ng
RT: 26.75 min Scan# 4545
Delta R.T. -0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:276 Resp: 3880

Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
277	22.7	19.9	29.9



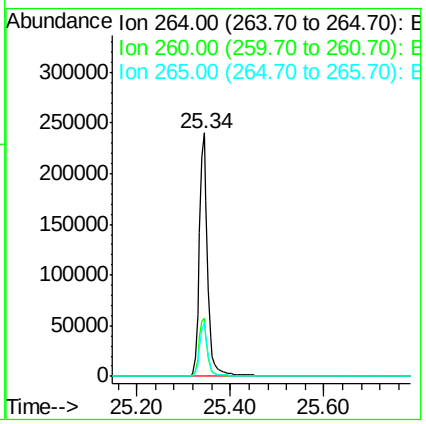


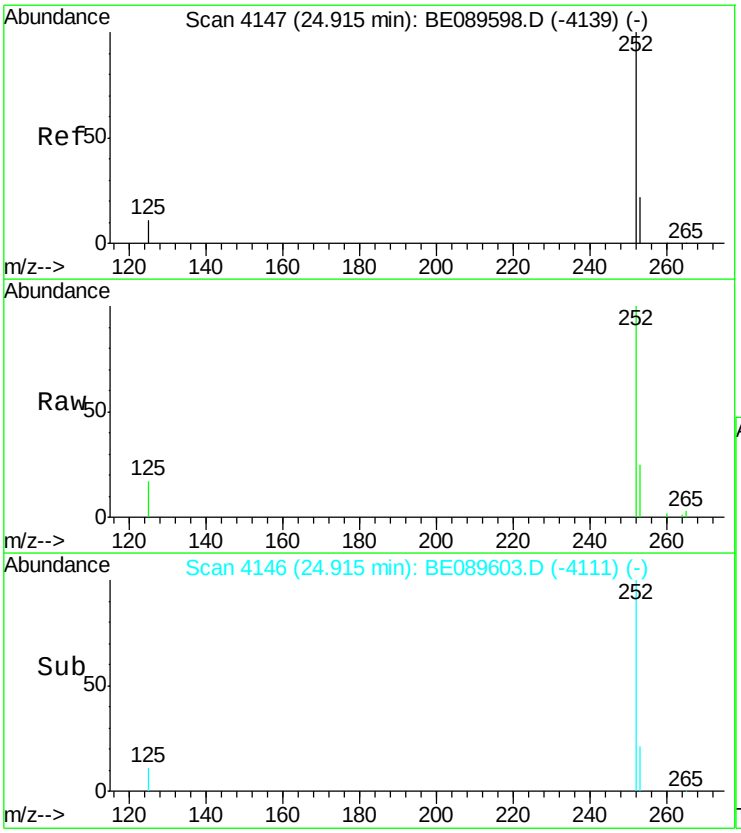
#27
Perylene-d12
Concen: 5.00 ng
RT: 25.34 min Scan# 4240
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:264 Resp: 292299

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.4
265	22.2	17.8	26.8

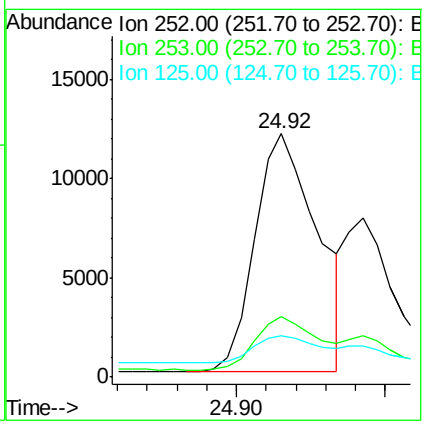


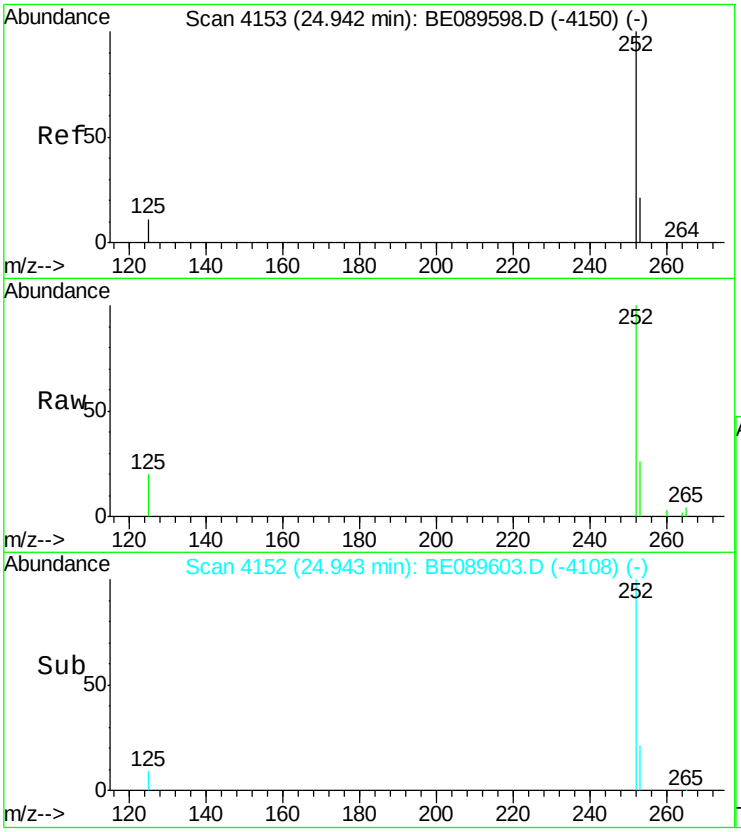


#28
Benzo(b)fluoranthene
Concen: 0.50 ng
RT: 24.92 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:252 Resp: 17377

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.8
125	17.0	8.9	13.3#



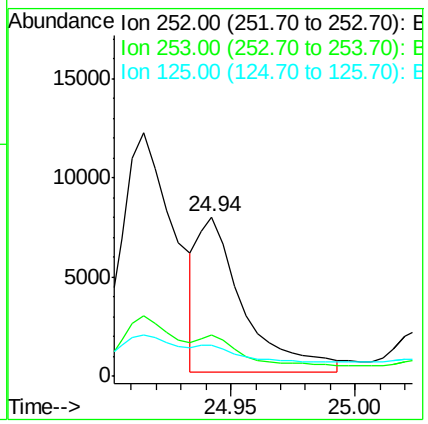


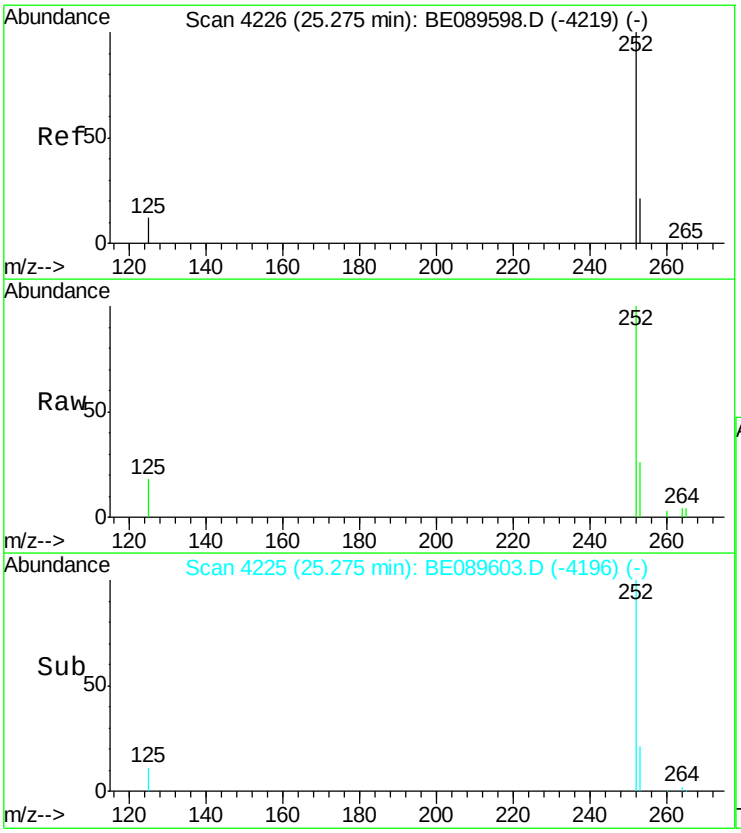
#29
Benzo(k)fluoranthene
Concen: 0.18 ng m
RT: 24.94 min Scan# 4152
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:252 Resp: 9981

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.3	25.9#
125	19.6	8.9	13.3#

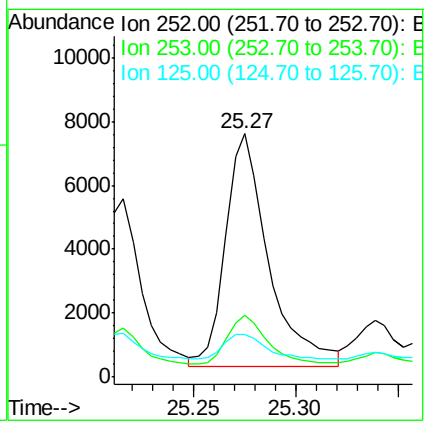


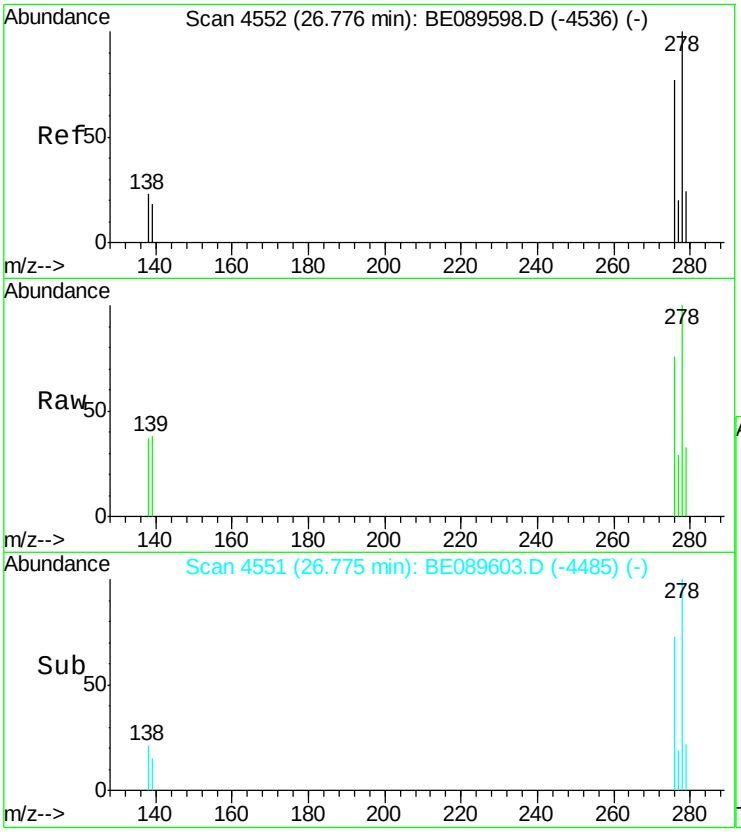


#30
Benzo(a)pyrene
Concen: 0.40 ng
RT: 25.27 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Tgt Ion:252 Resp: 10649

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.1	25.7
125	17.6	9.8	14.8#





#31
Dibenzo(a,h)anthracene
Concen: 0.27 ng
RT: 26.77 min Scan# 4551
Delta R.T. -0.00 min
Lab File: BE089603.D
Acq: 17 Feb 2015 21:02

Instrument :
BNA_E
ClientSampleId :
MW-1RE

Tgt Ion:278 Resp: 2287

Ion	Ratio	Lower	Upper
278	100		
139	37.8	14.6	21.8#
279	33.1	19.4	29.0#