Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089978.D
Acq On : 27 Jun 2015 15:55
Operator : TP/IZ
Sample : G2782-22 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X3SS0190006-150624-D

Quant Time: Jun 29 00:57:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24880	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	122860	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	72364	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	168065	5.00	ng		0.00
25) Chrysene-d12	21.14	240	188077	5.00	ng		0.00
32) Perylene-d12	23.47	264	175906	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	30049	6.69	ng		0.00
5) Phenol-d6	6.81	99	50476	7.33	ng		0.00
7) Nitrobenzene-d5	8.77	82	31502	3.44	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	9572	7.52	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	73281	3.47	ng		0.00
27) Terphenyl-d14	19.60	244	105402	3.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.38	88	28	Below Cal		#	15
3) n-Nitrosodimethylamine	3.48	42	169	0.04	ng	#	1
15) Acenaphthylene	13.95	152	11650	0.09	ng		100
21) Pentachlorophenol	16.63	266	57	0.47	ng	#	69
22) Phenanthrene	17.01	178	4805	0.11	ng		97
23) Anthracene	17.12	178	2754	0.07	ng		99
24) Fluoranthene	19.02	202	14028	0.31	ng		99
26) Pyrene	19.39	202	13854	0.29	ng		97
28) Benzo(a)anthracene	21.12	228	9780	0.22	ng		91
29) Chrysene	21.17	228	11090	0.23	ng		95
30) Bis(2-ethylhexyl)phthalate	21.07	149	5942	1.55	ng		98
31) Indeno(1,2,3-cd)pyrene	25.88	276	14576	0.40	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	19929	0.54	ng	#	94
34) Benzo(k)fluoranthene	22.76	252	19929	0.47	ng	#	95
35) Benzo(a)pyrene	23.36	252	13682	0.41	ng	#	95
36) Dibenzo(a,h)anthracene	25.89	278	3038	0.10	ng	#	79
37) Benzo(g,h,i)perylene	26.62	276	18178	0.55	ng		98

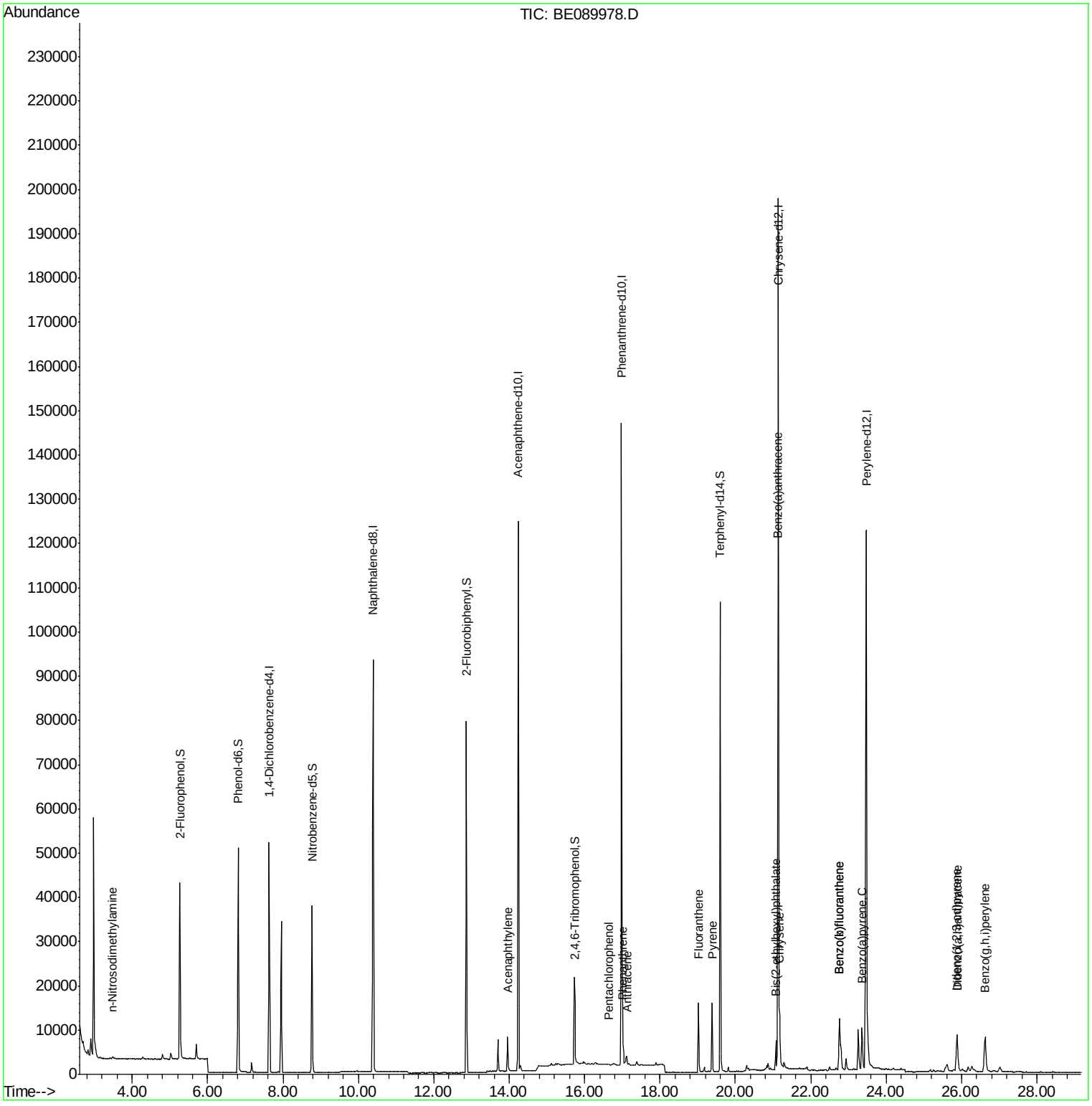
(#) = qualifier out of range (m) = manual integration (+) = signals summed

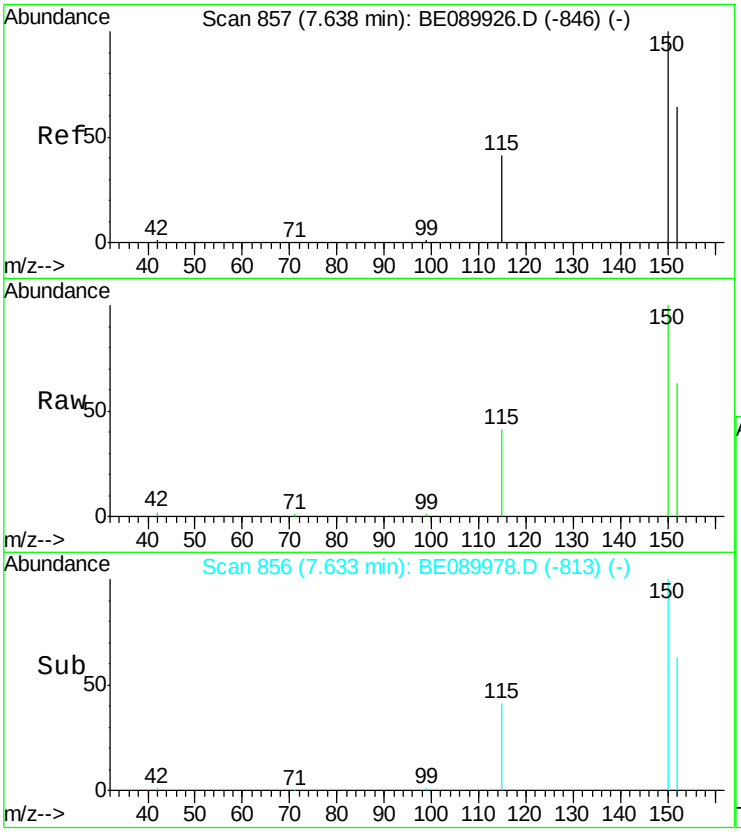
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089978.D
Acq On : 27 Jun 2015 15:55
Operator : TP/IZ
Sample : G2782-22 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Quant Time: Jun 29 00:57:14 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BE062315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



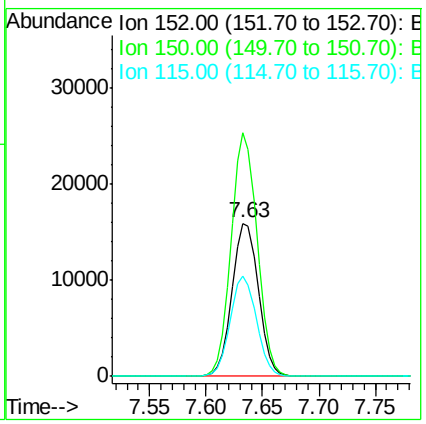


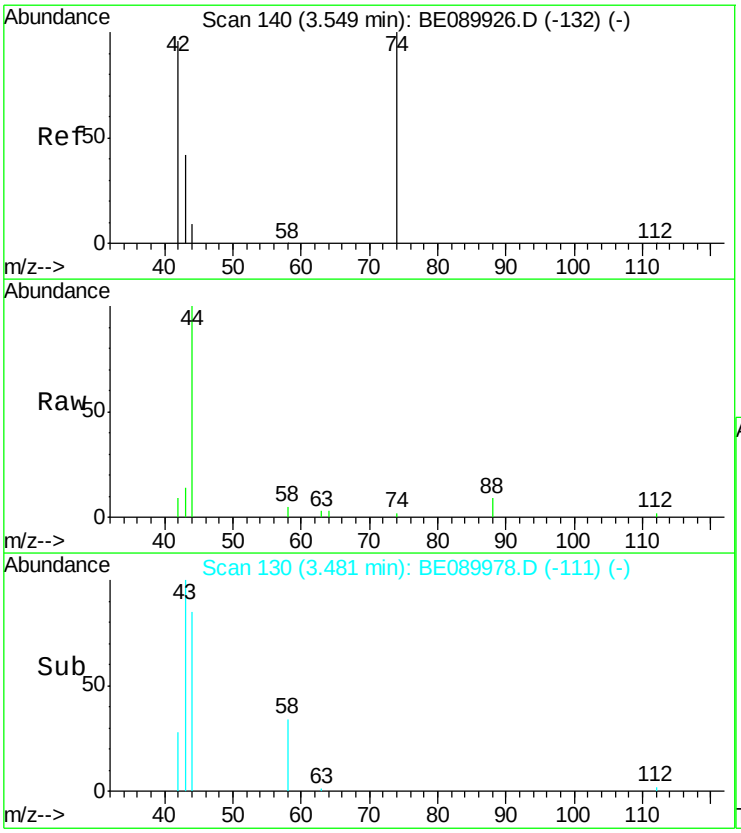
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:152 Resp: 24880

Ion	Ratio	Lower	Upper
152	100		
150	159.3	124.6	186.8
115	65.5	51.6	77.4

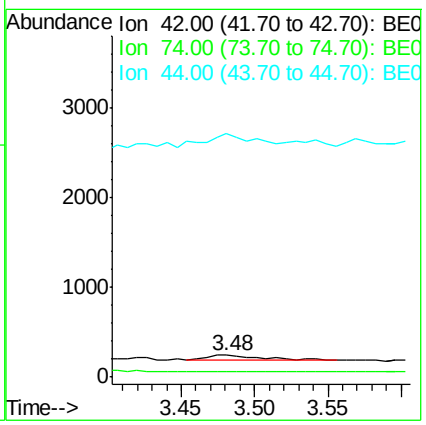


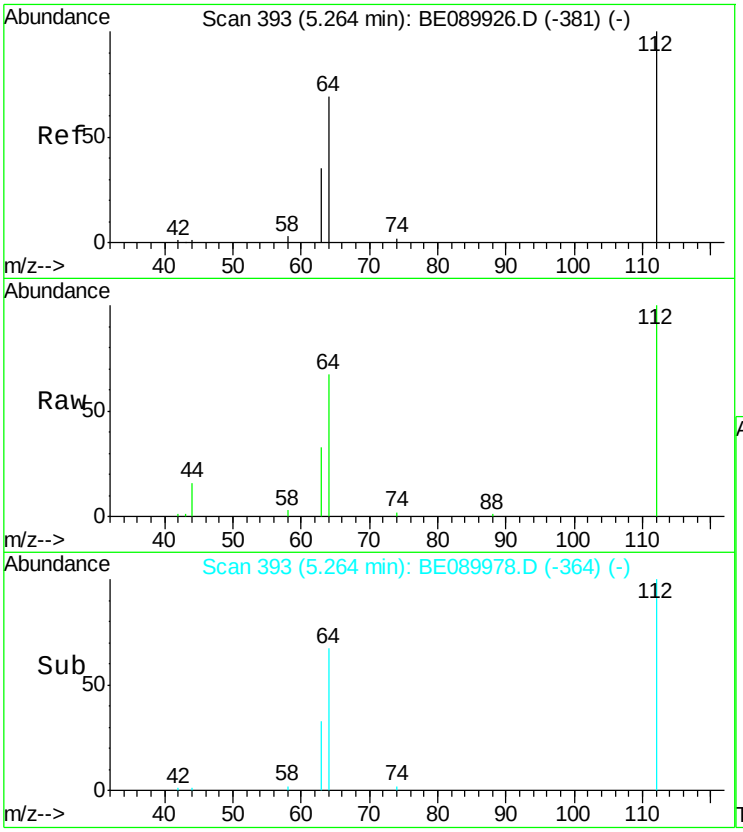


#3
n-Nitrosodimethylamine
Concen: 0.04 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.07 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion: 42 Resp: 169

Ion	Ratio	Lower	Upper
42	100		
74	0.0	85.4	128.2#
44	205.3	8.4	12.6#



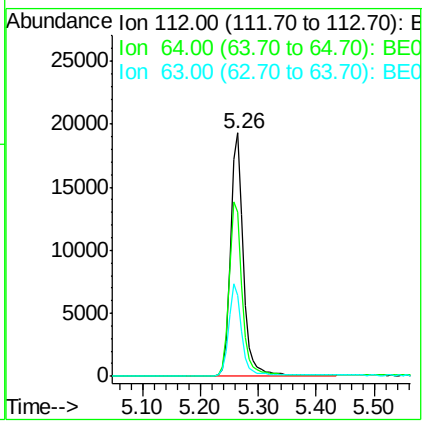


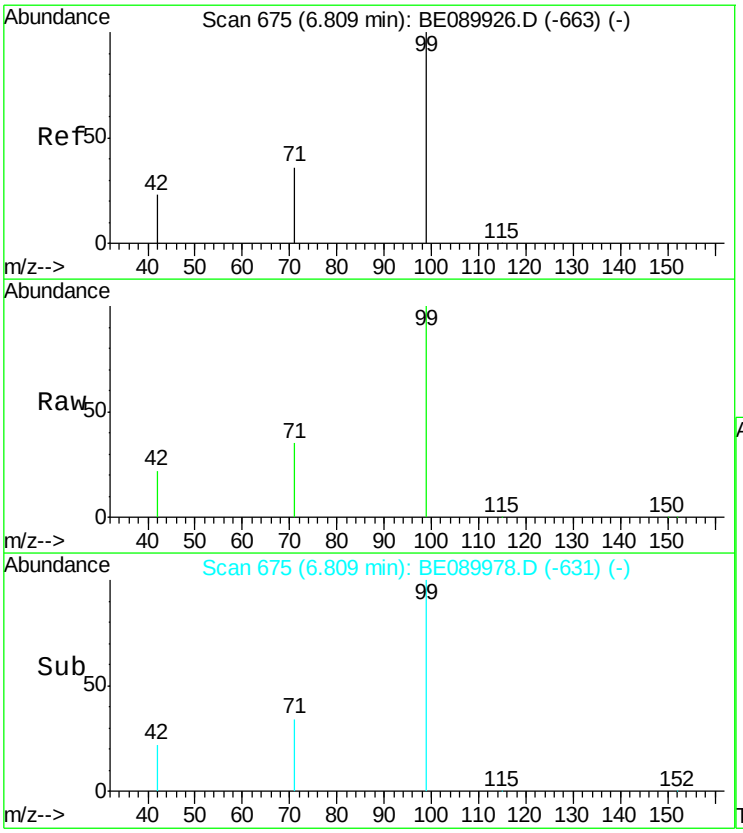
#4
2-Fluorophenol
Concen: 6.69 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:112 Resp: 30049

Ion	Ratio	Lower	Upper
112	100		
64	72.5	57.4	86.2
63	37.9	31.2	46.8

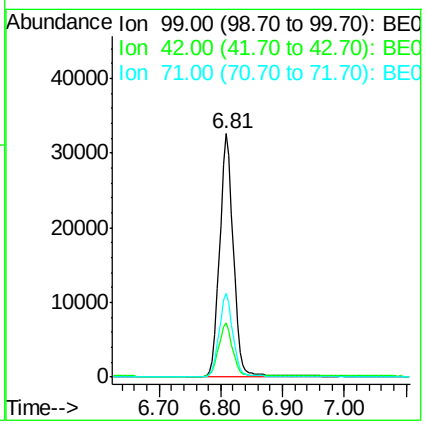


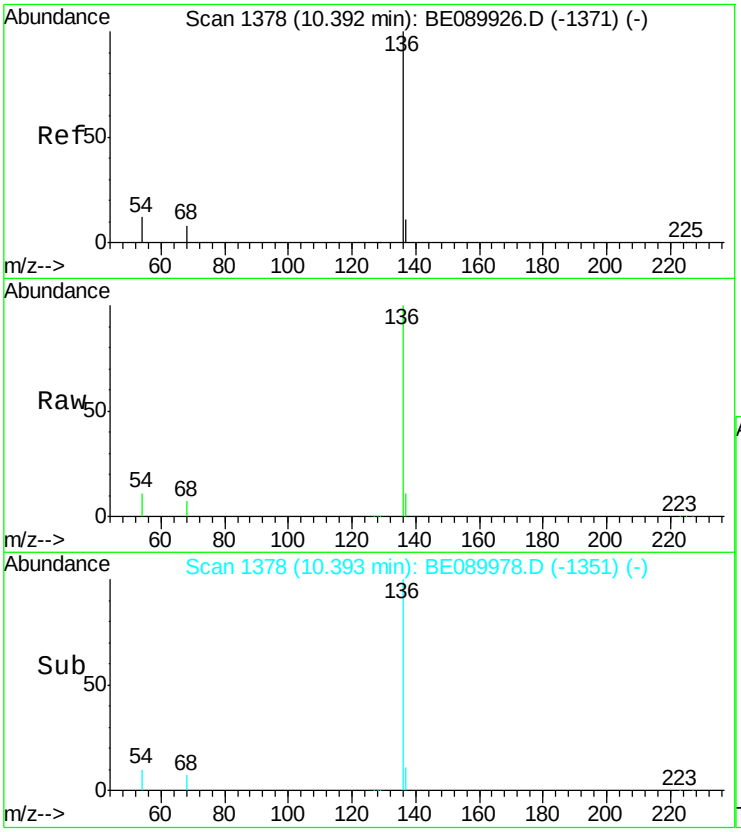


#5
Phenol-d6
Concen: 7.33 ng
RT: 6.81 min Scan# 675
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion: 99 Resp: 50476

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.5	29.3
71	34.4	27.8	41.6



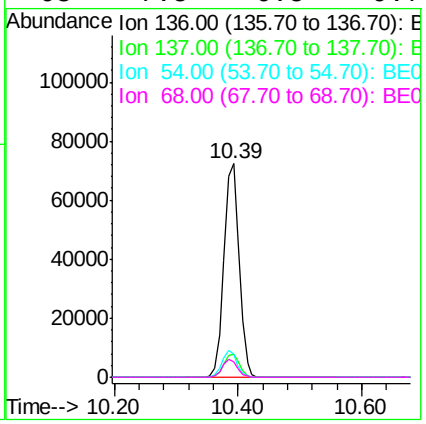


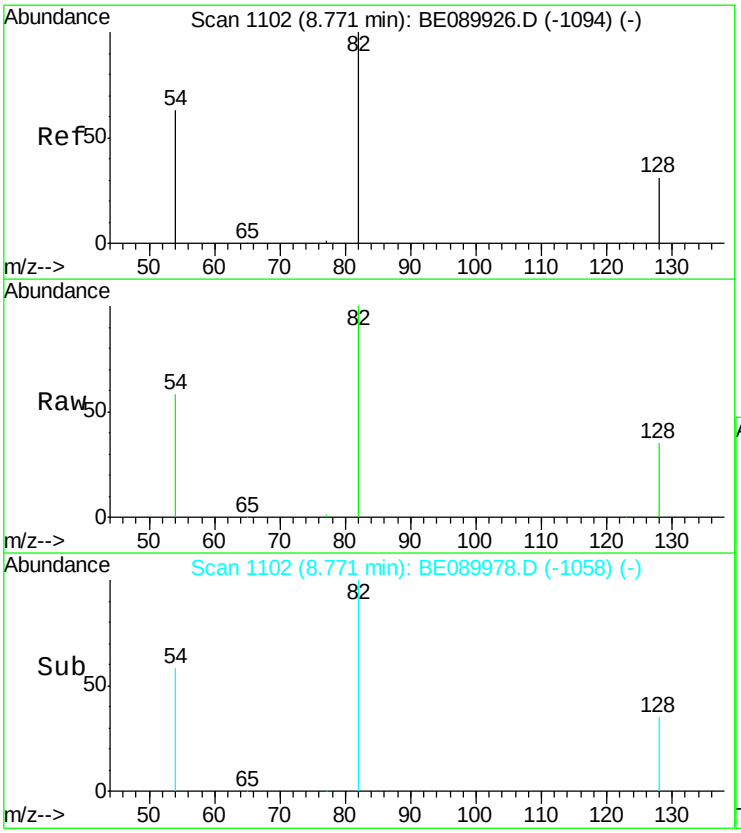
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:136 Resp: 122860

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.6	9.7	14.5
68	7.5	6.5	9.7

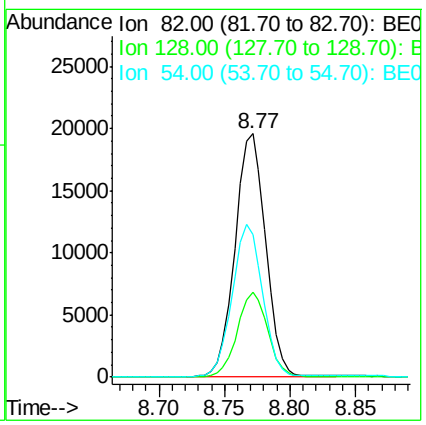


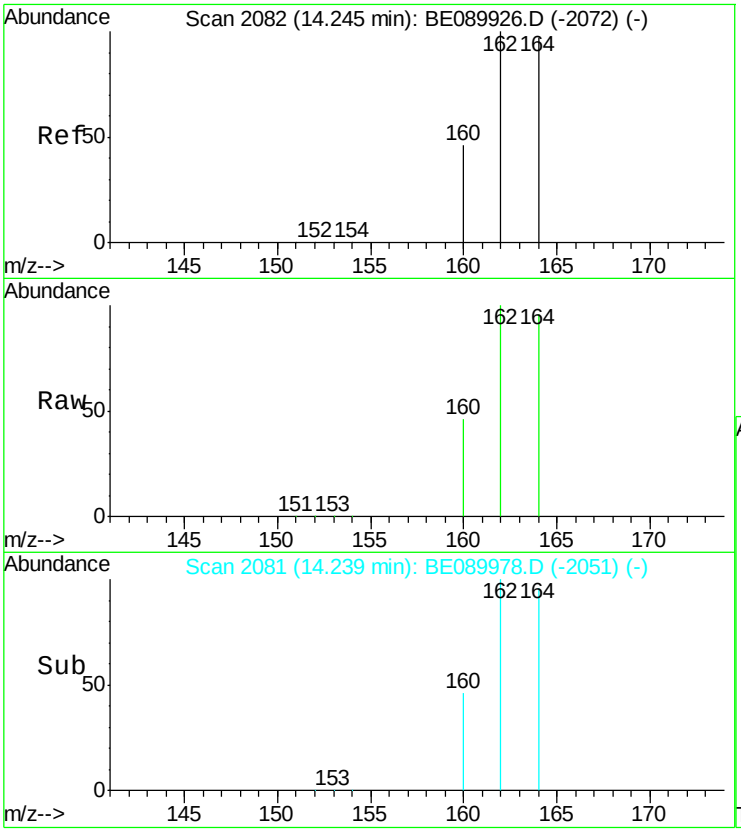


#7
Nitrobenzene-d5
Concen: 3.44 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion: 82 Resp: 31502

Ion	Ratio	Lower	Upper
82	100		
128	35.0	25.6	38.4
54	58.5	51.2	76.8



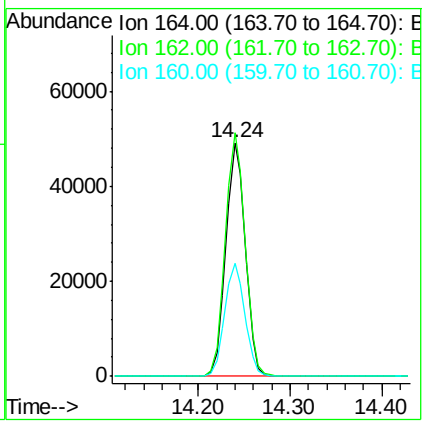


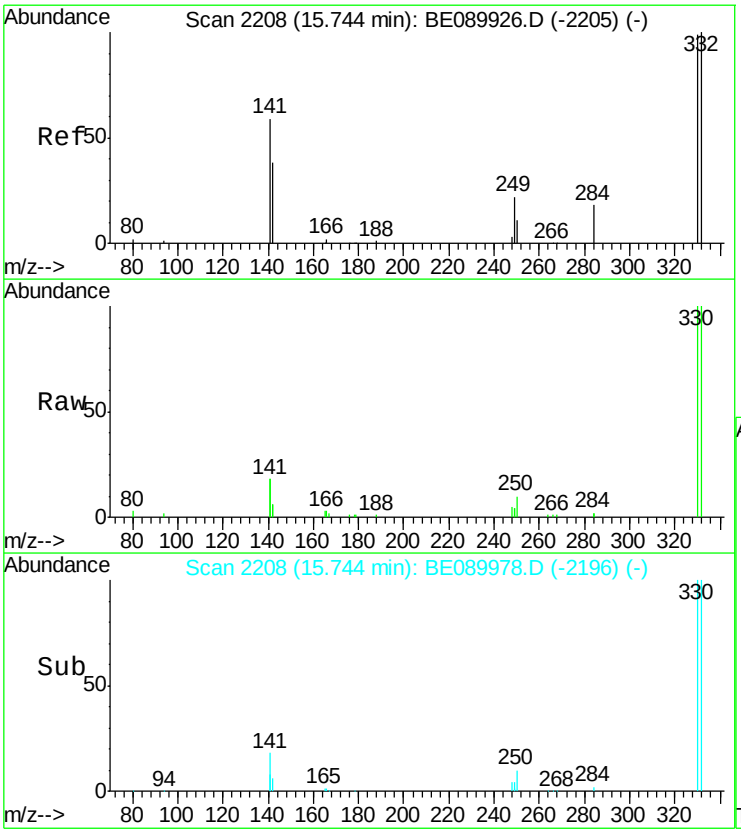
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:164 Resp: 72364

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.7	124.1
160	48.2	38.3	57.5

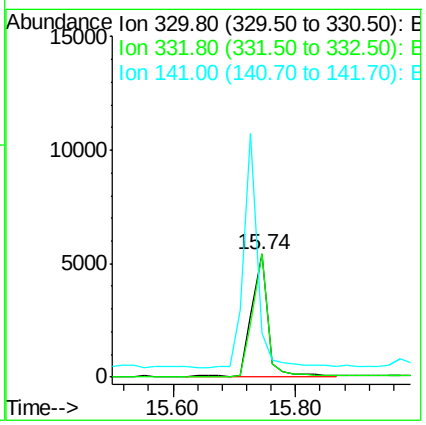


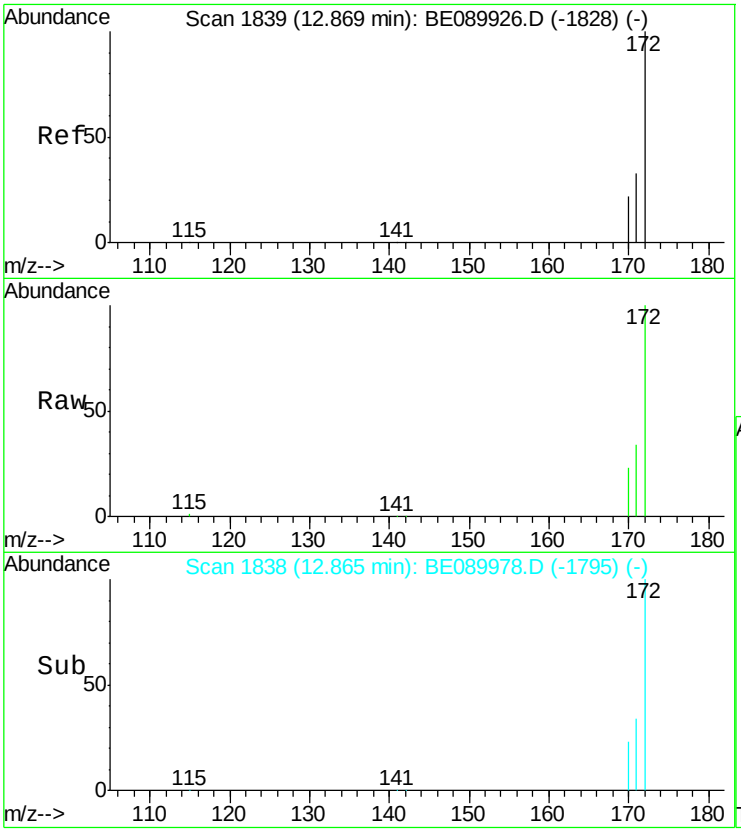


#13
2,4,6-Tribromophenol
Concen: 7.52 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:330 Resp: 9572

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.9	116.9
141	171.6	142.8	214.2



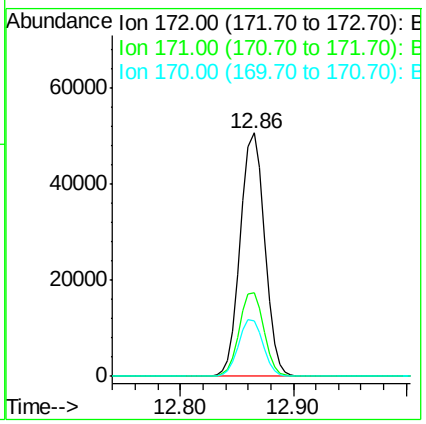


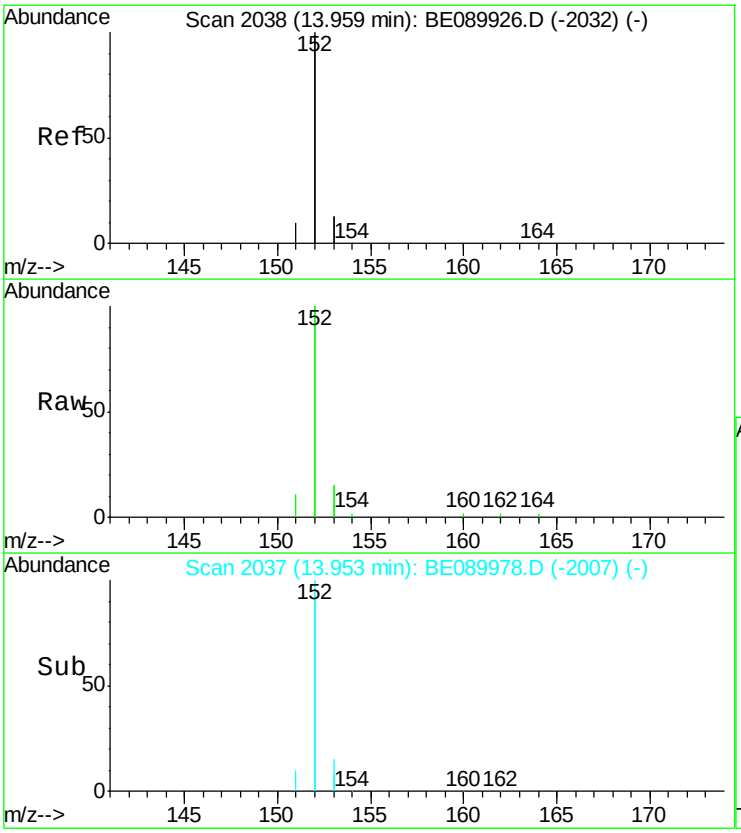
#14
2-Fluorobiphenyl
Concen: 3.47 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:172 Resp: 73281

Ion	Ratio	Lower	Upper
172	100		
171	34.2	26.7	40.1
170	22.9	17.5	26.3

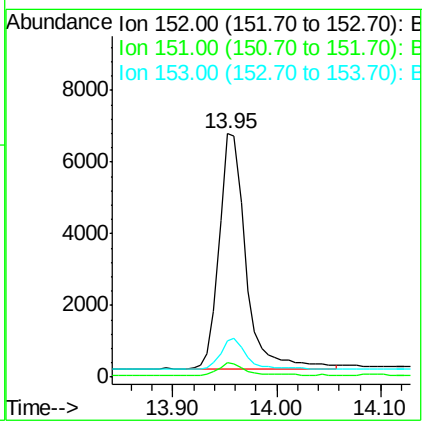


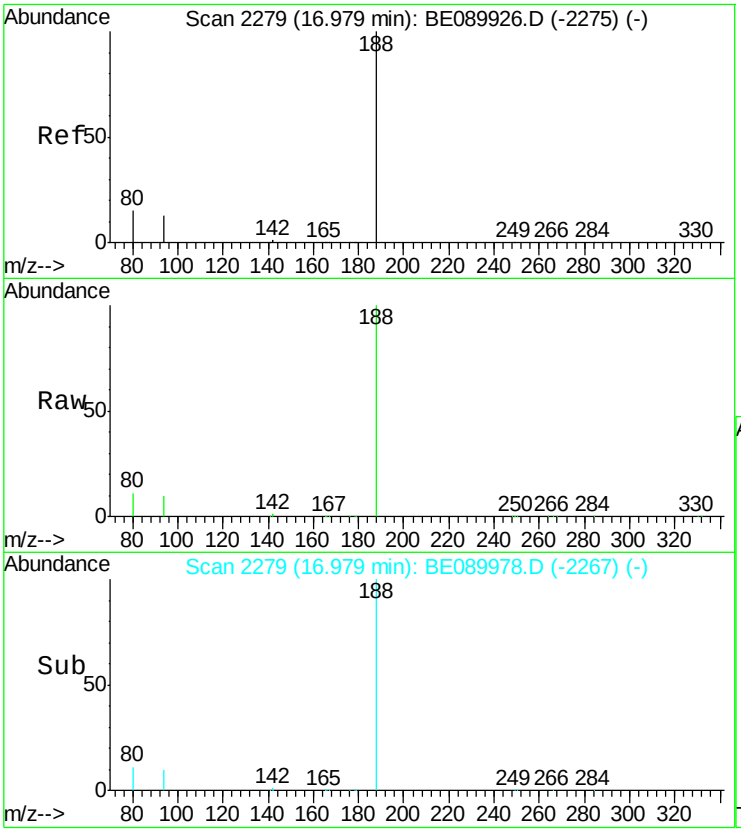


#15
Acenaphthylene
Concen: 0.09 ng
RT: 13.95 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:152 Resp: 11650

Ion	Ratio	Lower	Upper
152	100		
151	4.5	3.9	5.9
153	13.1	10.4	15.6



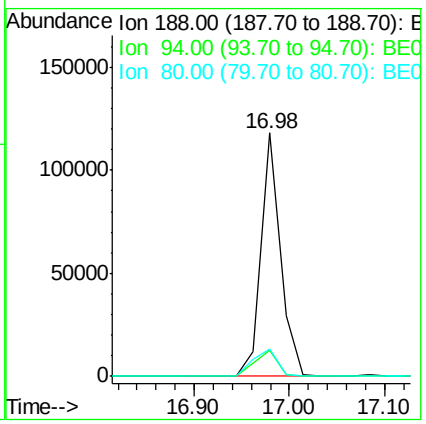


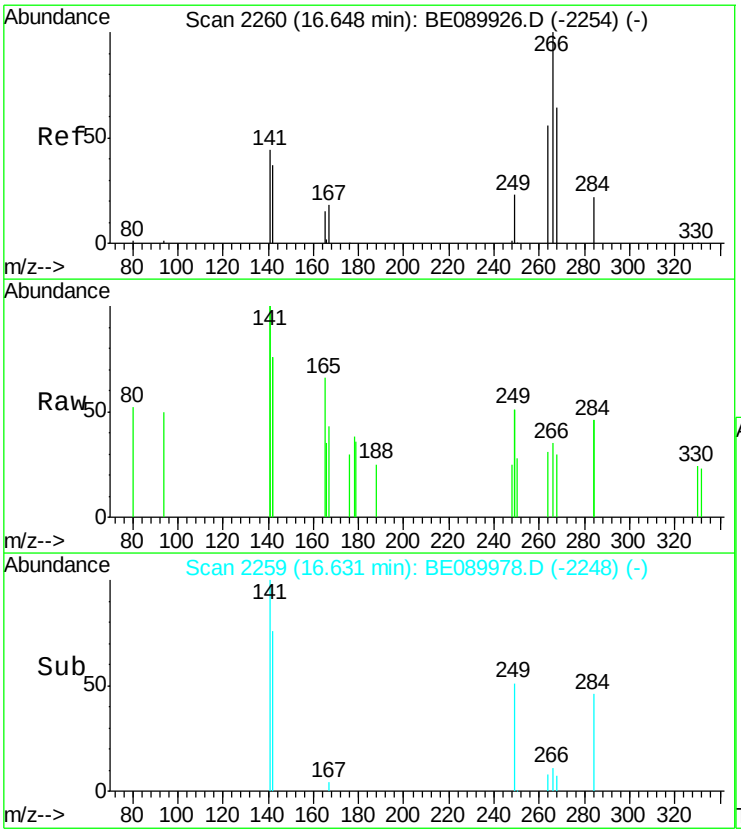
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:188 Resp: 168065

Ion	Ratio	Lower	Upper
188	100		
94	10.4	10.6	16.0#
80	11.4	11.8	17.6#

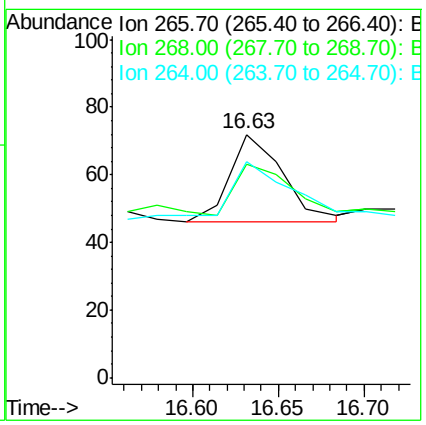


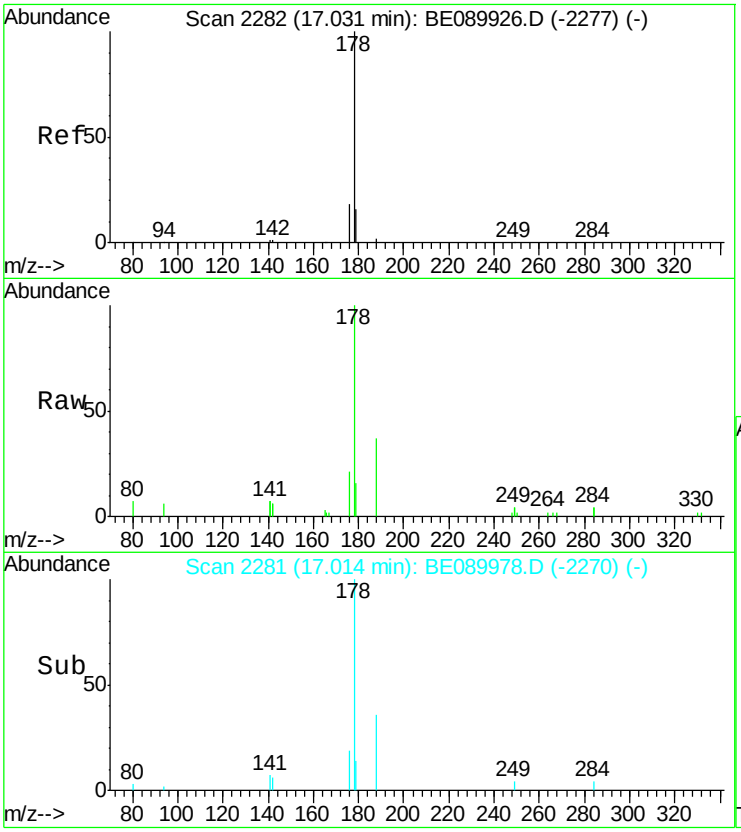


#21
Pentachlorophenol
Concen: 0.47 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:266 Resp: 57

Ion	Ratio	Lower	Upper
266	100		
268	87.5	54.4	81.6#
264	88.9	48.2	72.2#



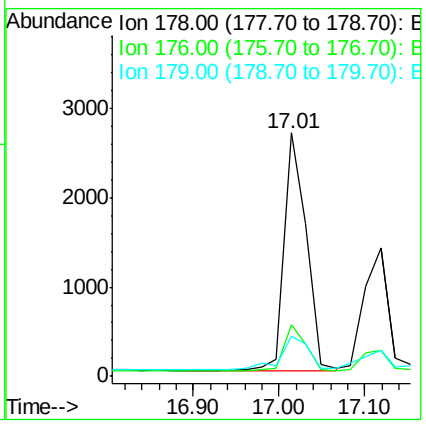


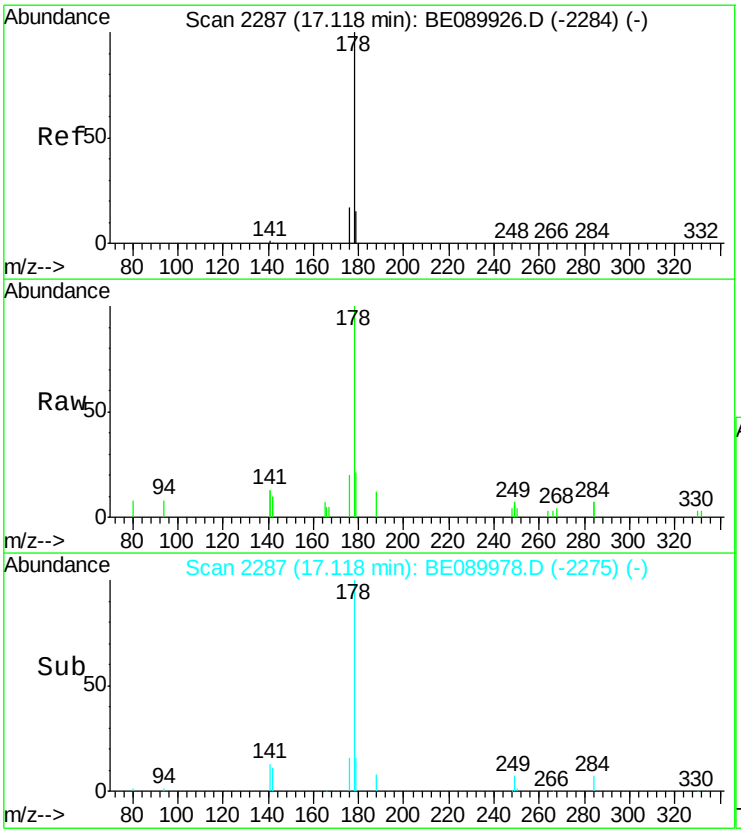
#22
Phenanthrene
Concen: 0.11 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:178 Resp: 4805

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	18.6	12.6	19.0

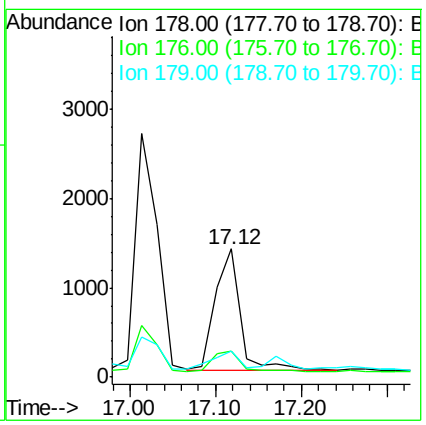


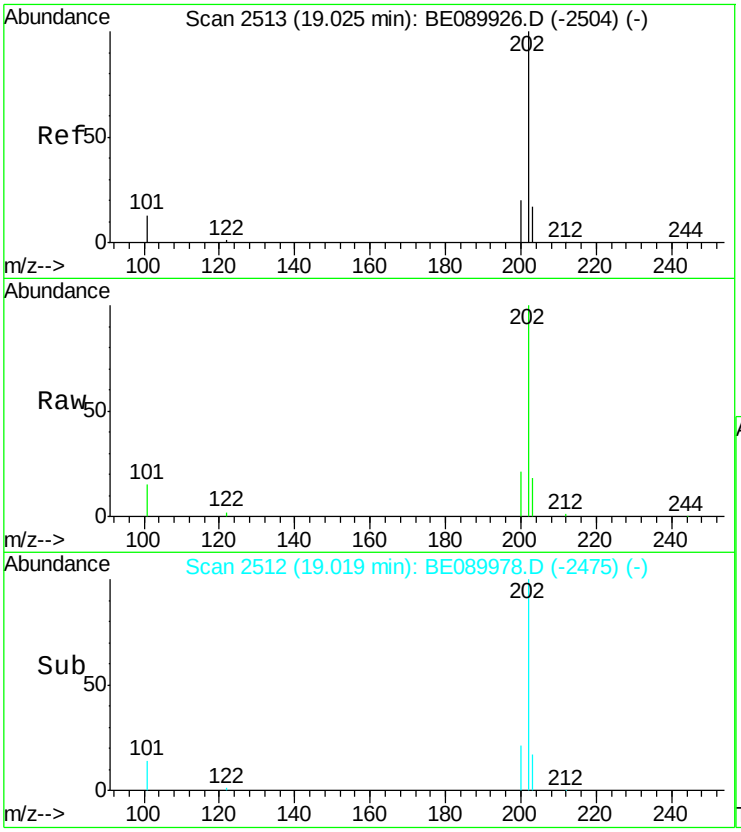


#23
Anthracene
Concen: 0.07 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:178 Resp: 2754

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	16.1	12.3	18.5



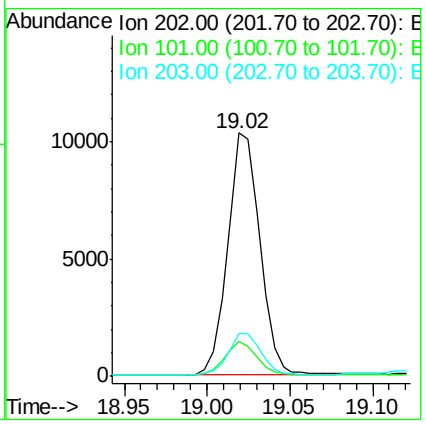


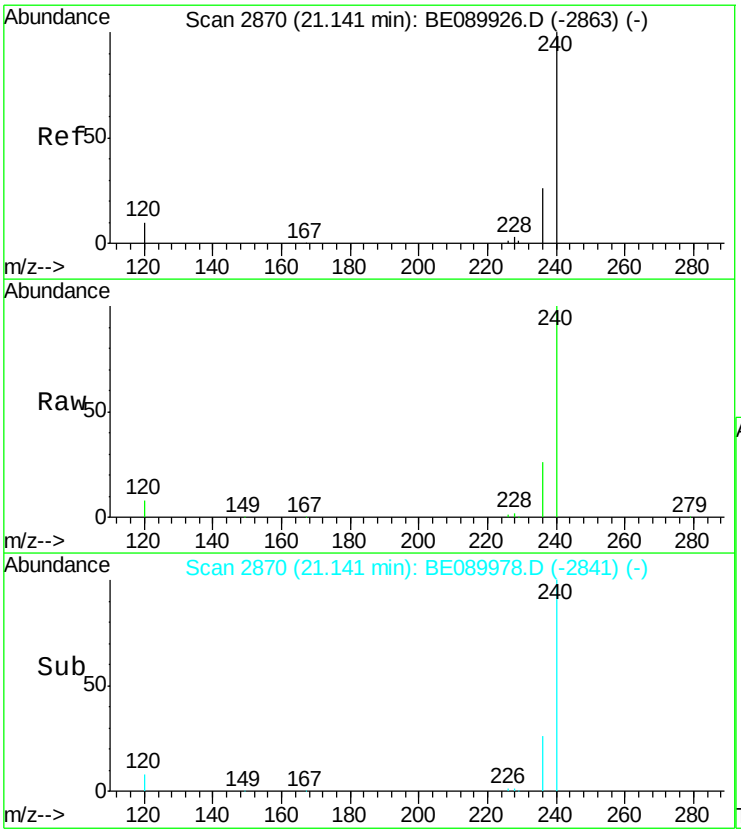
#24
Fluoranthene
Concen: 0.31 ng
RT: 19.02 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:202 Resp: 14028

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.6	16.0
203	17.2	13.8	20.8

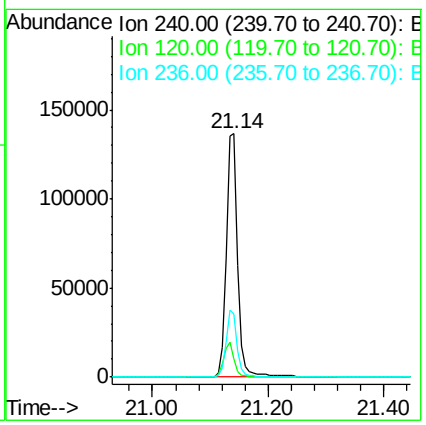


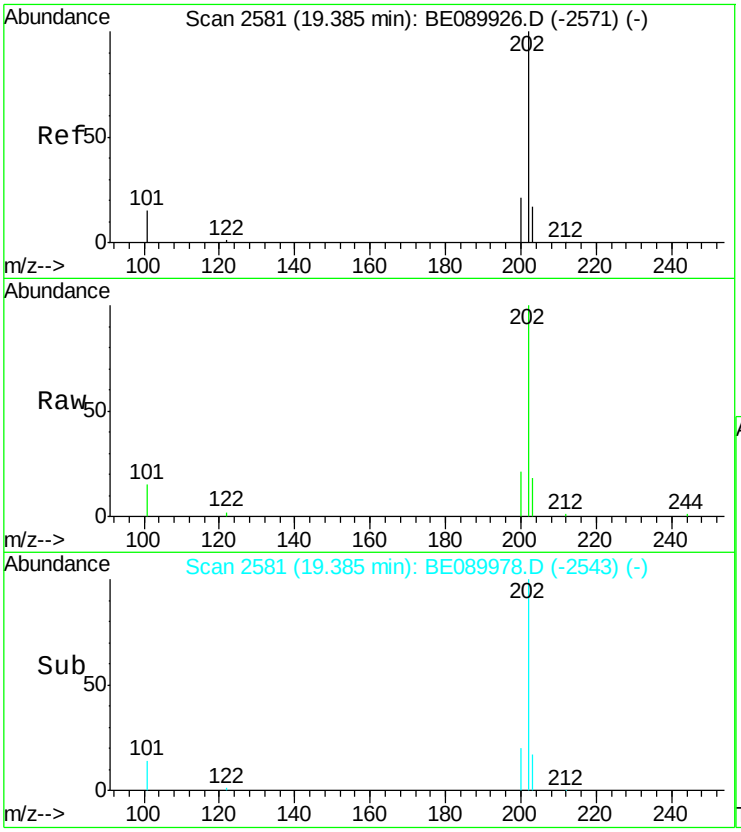


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:240 Resp: 188077

Ion	Ratio	Lower	Upper
240	100		
120	7.7	7.9	11.9#
236	25.8	21.2	31.8



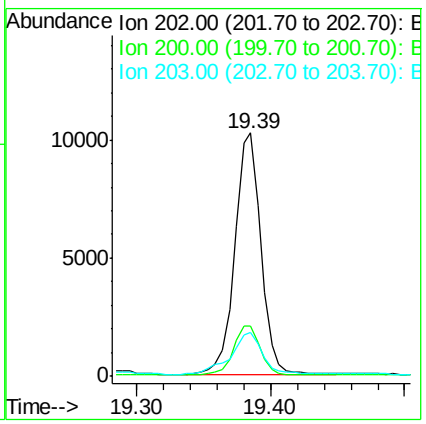


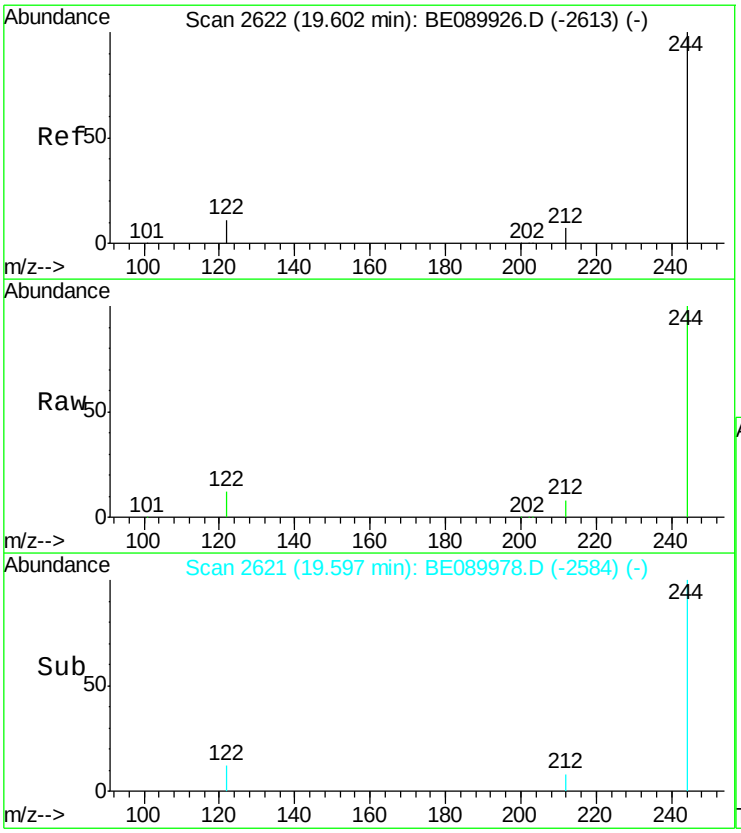
#26
Pyrene
Concen: 0.29 ng
RT: 19.39 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:202 Resp: 13854

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	20.6	13.9	20.9

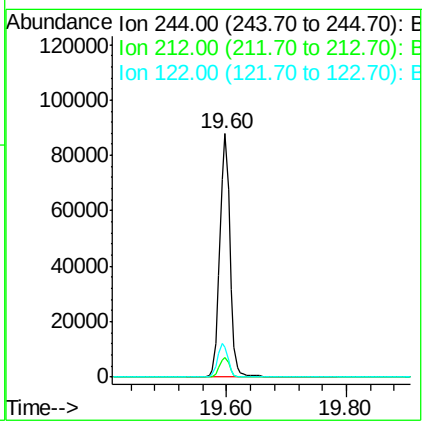


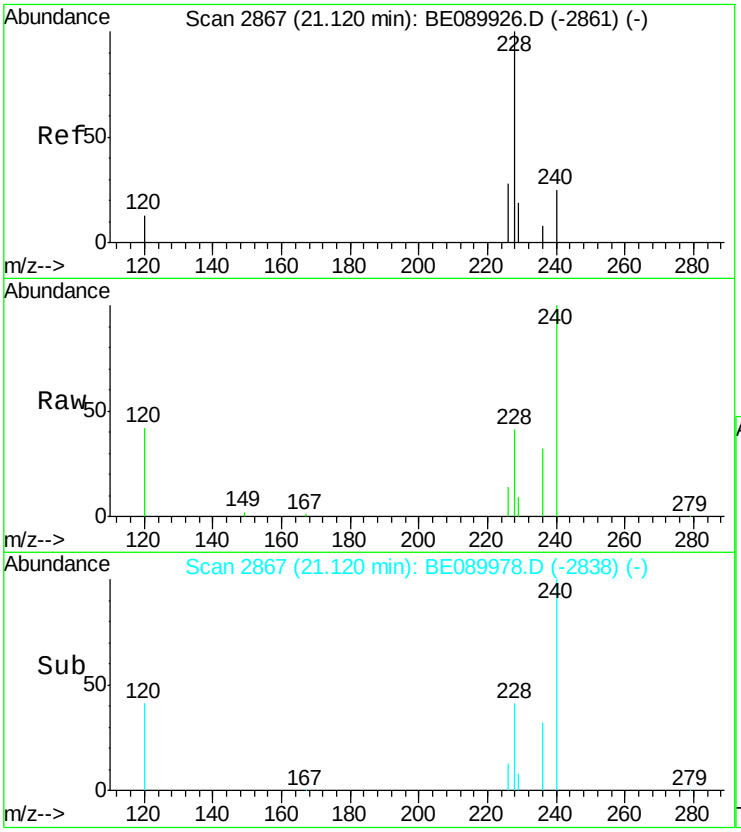


#27
Terphenyl-d14
Concen: 3.25 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:244 Resp: 105402

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.5	8.7	13.1



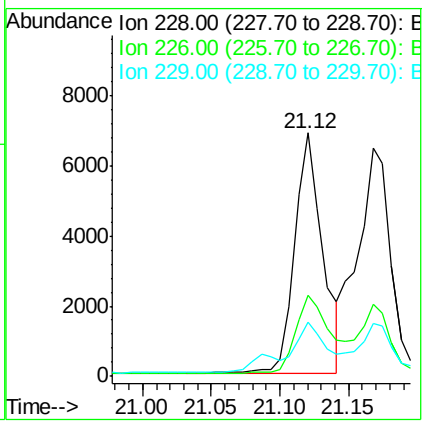


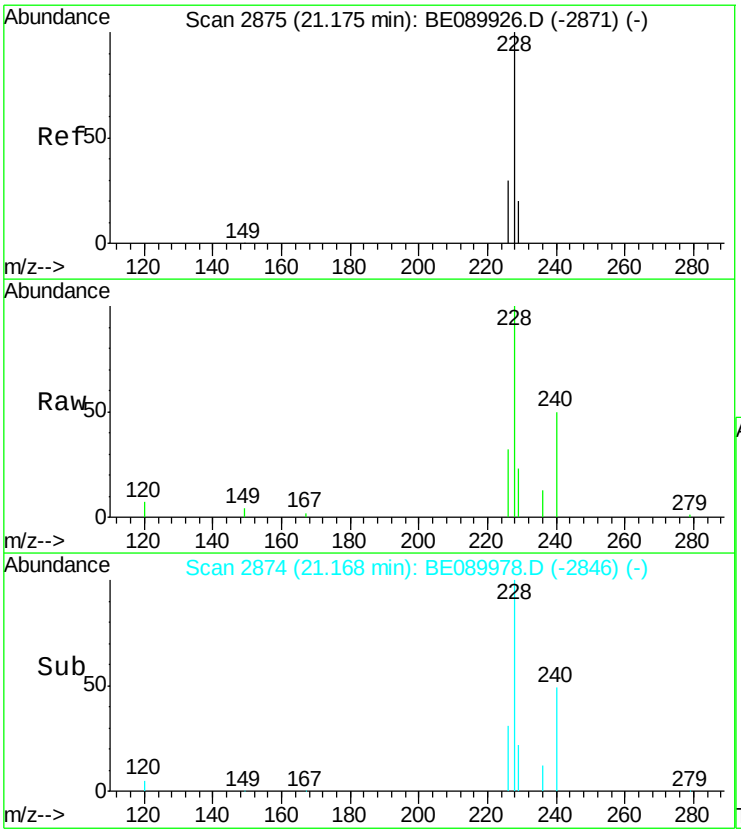
#28
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.12 min Scan# 2867
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:228 Resp: 9780

Ion	Ratio	Lower	Upper
228	100		
226	33.3	22.2	33.4
229	22.5	15.3	22.9

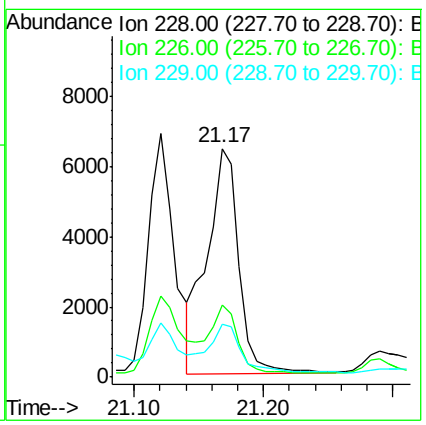


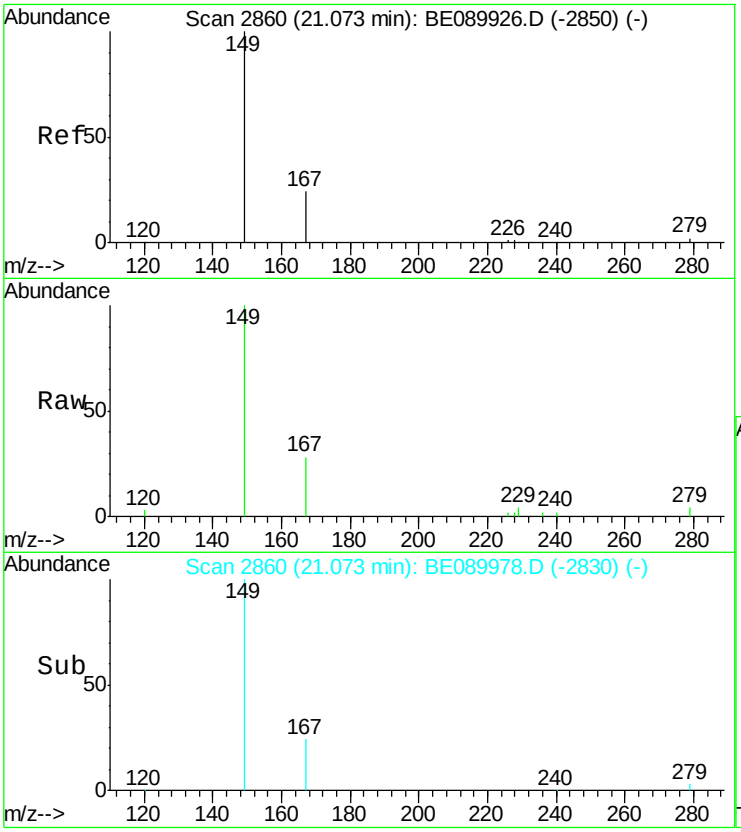


#29
Chrysene
Concen: 0.23 ng
RT: 21.17 min Scan# 2874
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:228 Resp: 11090

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.7	35.5
229	23.1	15.8	23.8



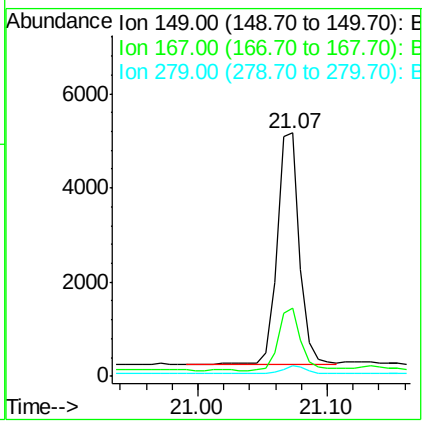


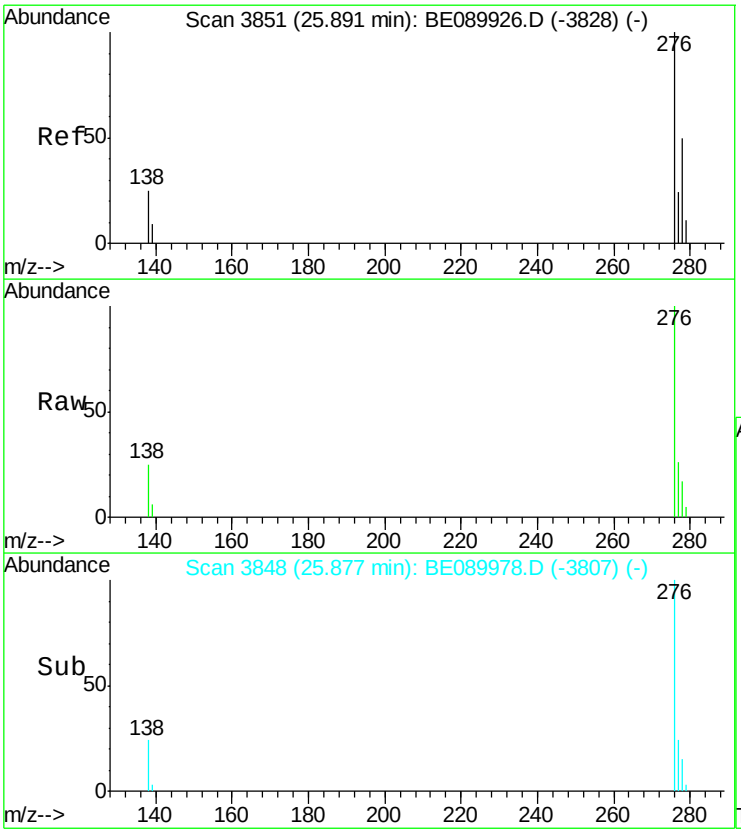
#30
Bis(2-ethylhexyl)phthalate
Concen: 1.55 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:149 Resp: 5942

Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.3	30.5
279	3.3	2.7	4.1

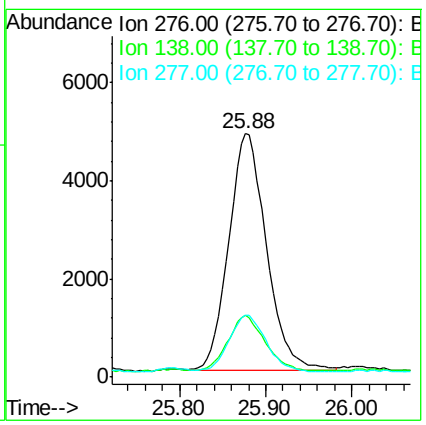


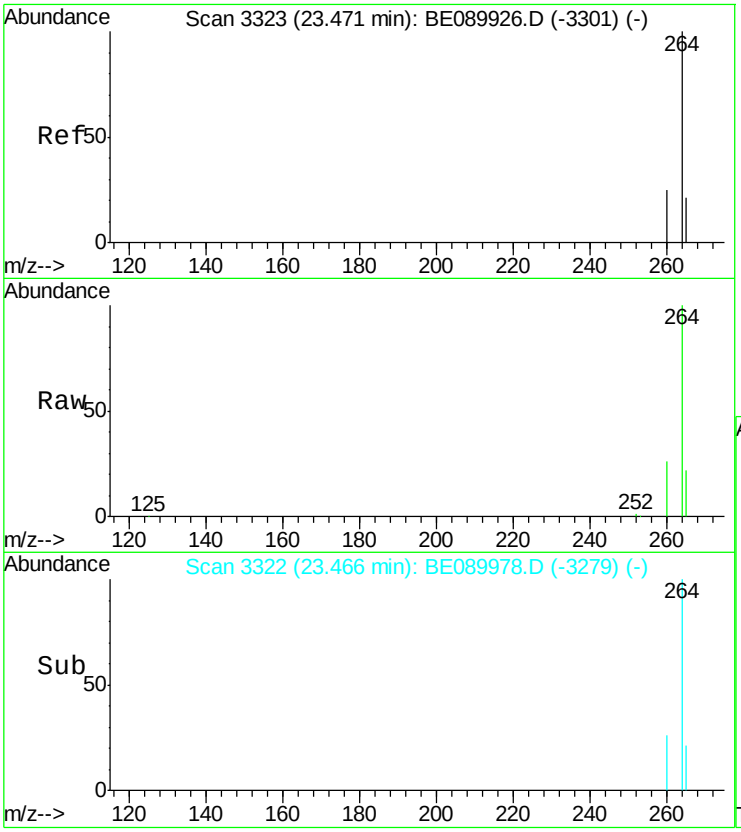


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.88 min Scan# 3848
Delta R.T. -0.01 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:276 Resp: 14576

Ion	Ratio	Lower	Upper
276	100		
138	22.9	0.0	0.0#
277	23.7	0.0	0.0#



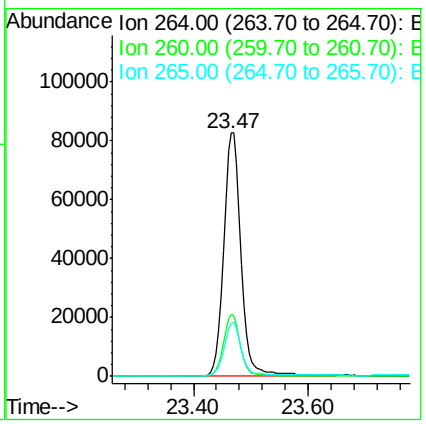


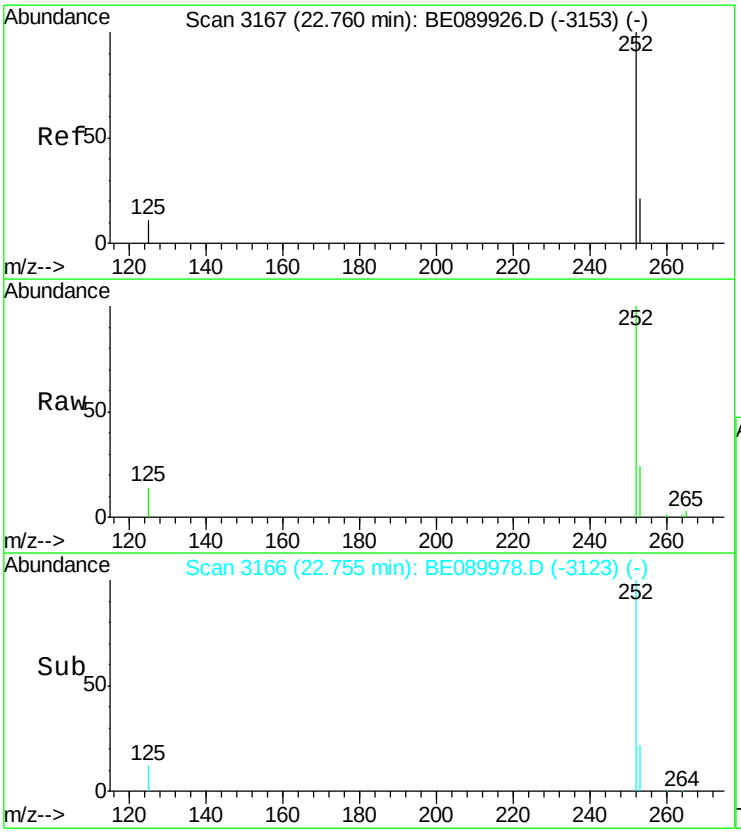
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:264 Resp: 175906

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.8	29.6
265	21.6	17.3	25.9

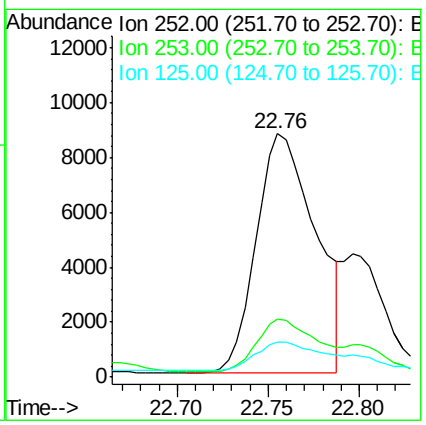


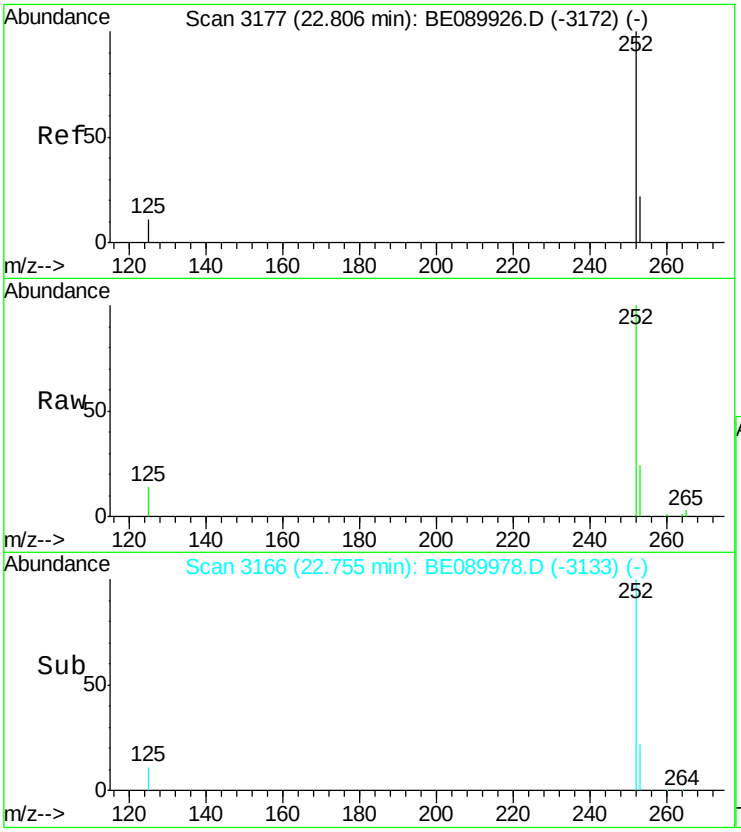


#33
Benzo(b)fluoranthene
Concen: 0.54 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:252 Resp: 19929

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.3	25.9
125	14.4	9.3	13.9#



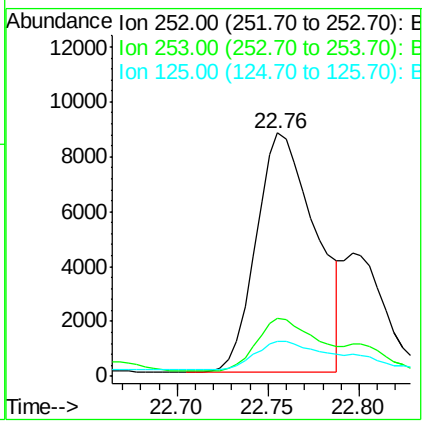


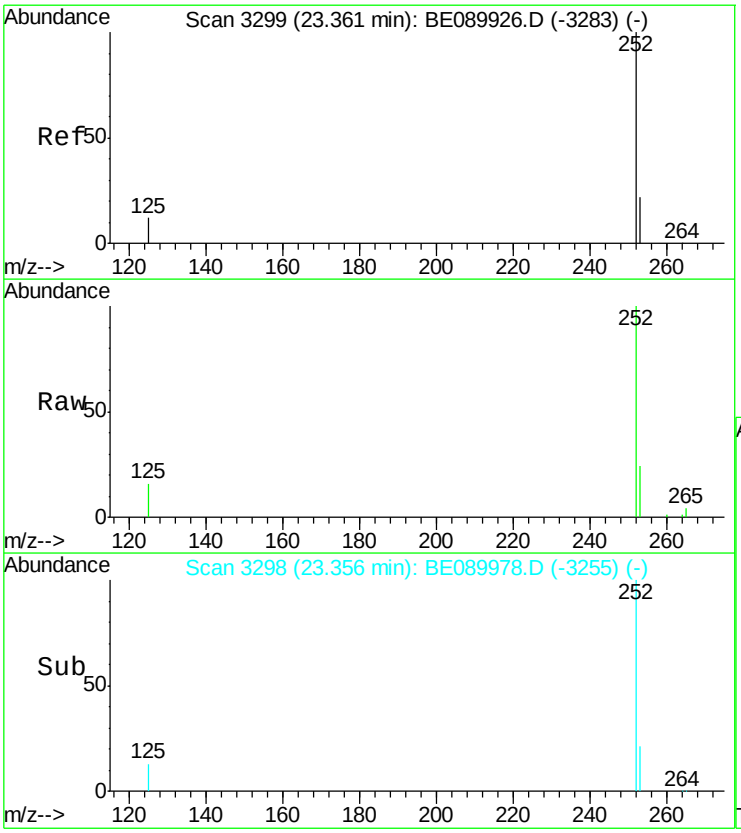
#34
Benzo(k)fluoranthene
Concen: 0.47 ng
RT: 22.76 min Scan# 3166
Delta R.T. -0.05 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:252 Resp: 19929

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.9	26.9
125	14.4	9.2	13.8#

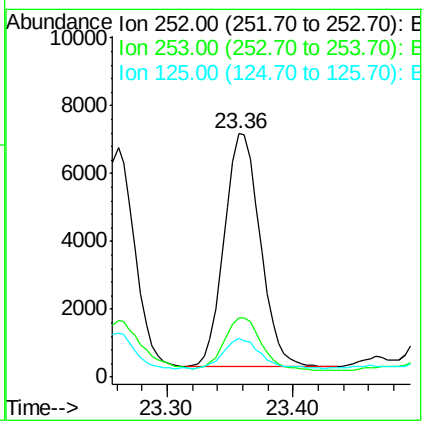


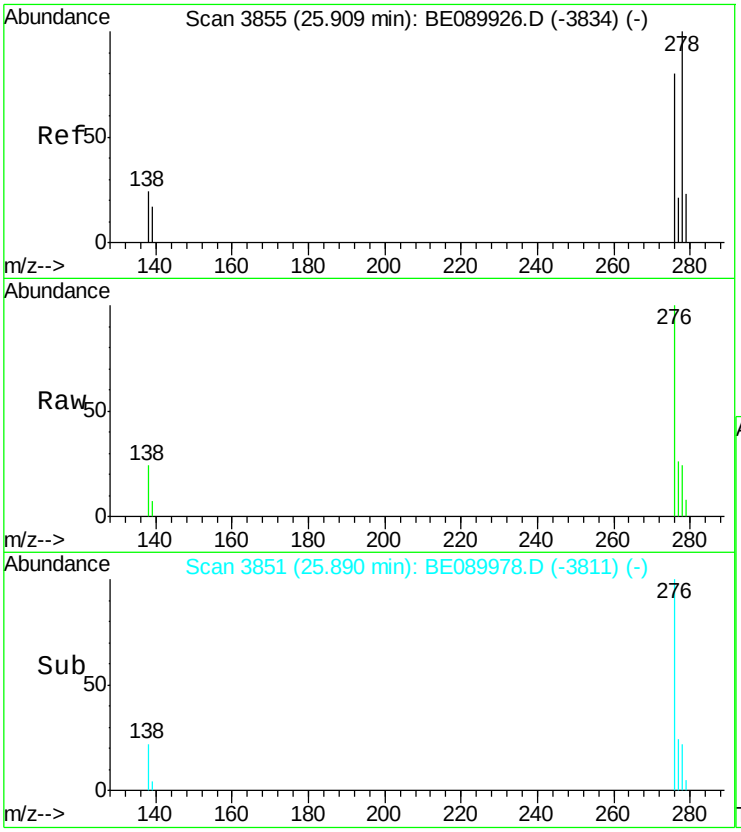


#35
Benzo(a)pyrene
Concen: 0.41 ng
RT: 23.36 min Scan# 3298
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:252 Resp: 13682

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	15.9	10.3	15.5#



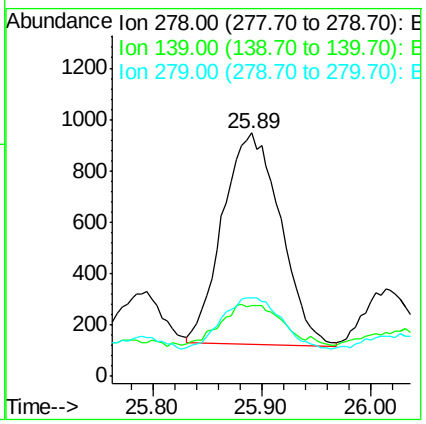


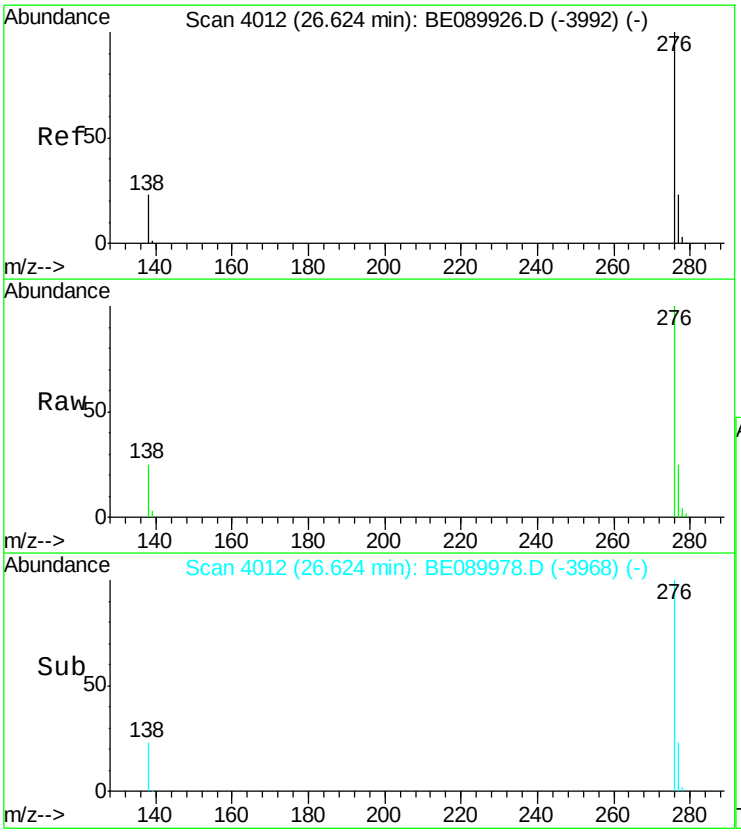
#36
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.89 min Scan# 3851
Delta R.T. -0.02 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624-D

Tgt Ion:278 Resp: 3038

Ion	Ratio	Lower	Upper
278	100		
139	29.0	14.1	21.1#
279	32.4	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.55 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089978.D
Acq: 27 Jun 2015 15:55

Tgt Ion:276 Resp: 18178

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.0	28.4
138	24.6	18.8	28.2