Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089977.D
Acq On : 27 Jun 2015 15:19
Operator : TP/IZ
Sample : G2782-25 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X1SS0620006-150624

Quant Time: Jun 29 00:56:59 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	26547	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	130747	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	77039	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	174629	5.00	ng		0.00
25) Chrysene-d12	21.14	240	187927	5.00	ng		0.00
32) Perylene-d12	23.47	264	175887	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	27858	5.81	ng		0.00
5) Phenol-d6	6.81	99	47065	6.41	ng		0.00
7) Nitrobenzene-d5	8.77	82	29559	3.04	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	8638	6.42	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	67756	3.02	ng		0.00
27) Terphenyl-d14	19.60	244	94228	2.90	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.48	42	103	0.02	ng	#	1
15) Acenaphthylene	13.96	152	5615	0.04	ng		100
21) Pentachlorophenol	16.65	266	71	0.48	ng	#	77
22) Phenanthrene	17.01	178	11258	0.26	ng		99
23) Anthracene	17.01	178	11199	0.28	ng		98
24) Fluoranthene	19.02	202	32473	0.68	ng		100
26) Pyrene	19.38	202	30024	0.63	ng		97
28) Benzo(a)anthracene	21.12	228	19981	0.45	ng		97
29) Chrysene	21.17	228	22181	0.45	ng		97
30) Bis(2-ethylhexyl)phthalate	21.07	149	2386	0.62	ng	#	91
31) Indeno(1,2,3-cd)pyrene	25.87	276	13618	0.38	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	27392	0.74	ng		96
34) Benzo(k)fluoranthene	22.75	252	27392	0.65	ng		97
35) Benzo(a)pyrene	23.36	252	17722	0.54	ng		96
36) Dibenzo(a,h)anthracene	25.90	278	3299	0.11	ng	#	79
37) Benzo(g,h,i)perylene	26.63	276	14725	0.44	ng		98

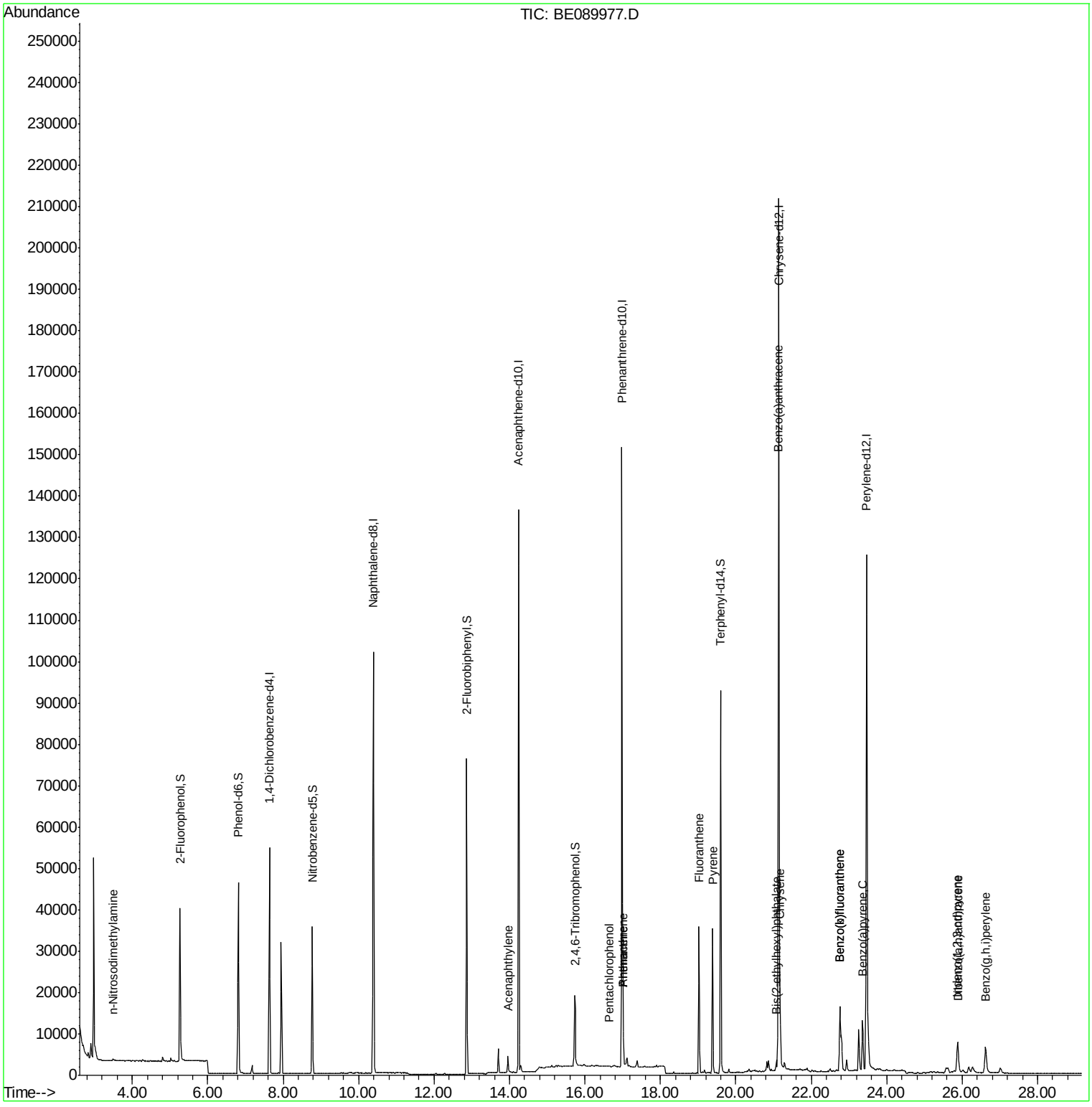
(#) = qualifier out of range (m) = manual integration (+) = signals summed

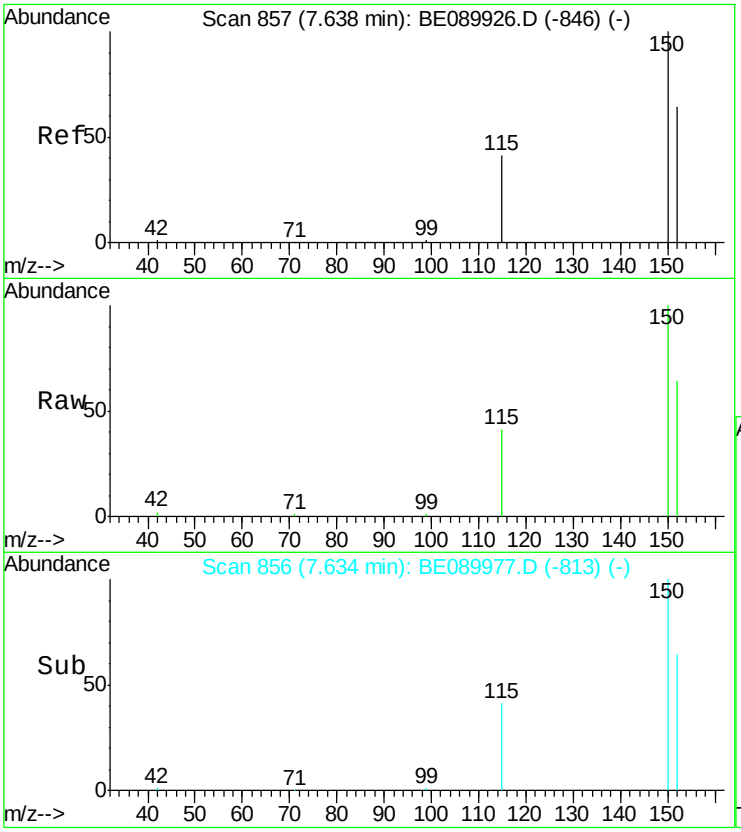
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089977.D
Acq On : 27 Jun 2015 15:19
Operator : TP/IZ
Sample : G2782-25 2X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Quant Time: Jun 29 00:56:59 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



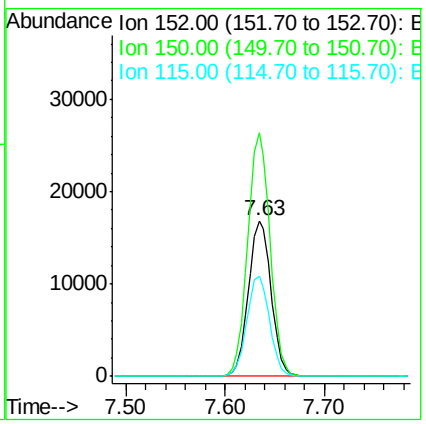


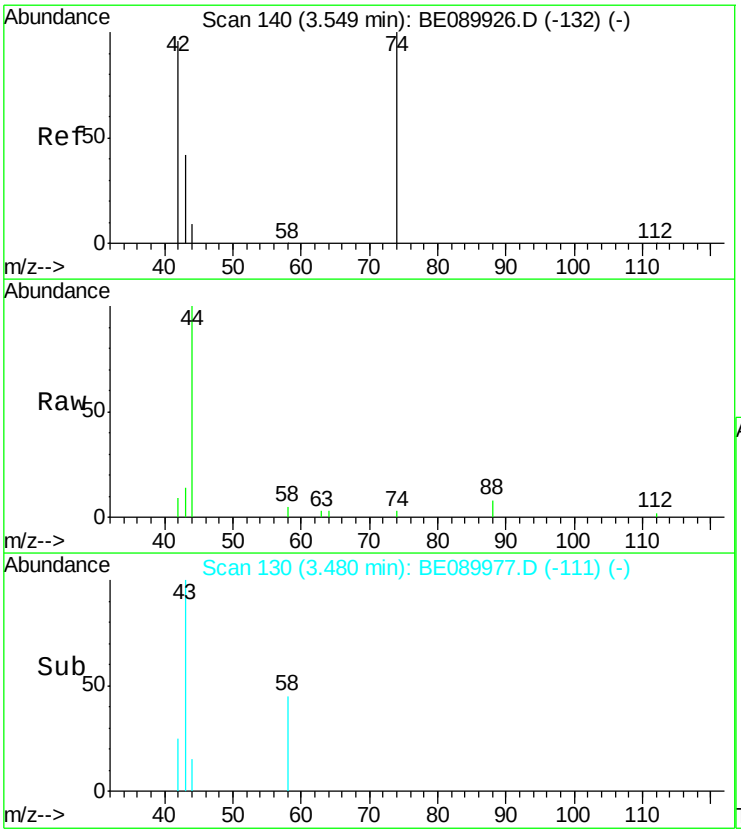
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:152 Resp: 26547

Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.6	186.8
115	64.4	51.6	77.4

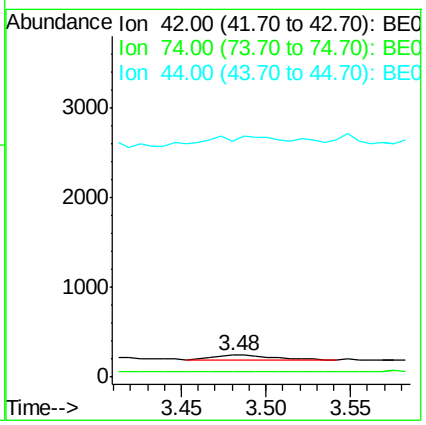


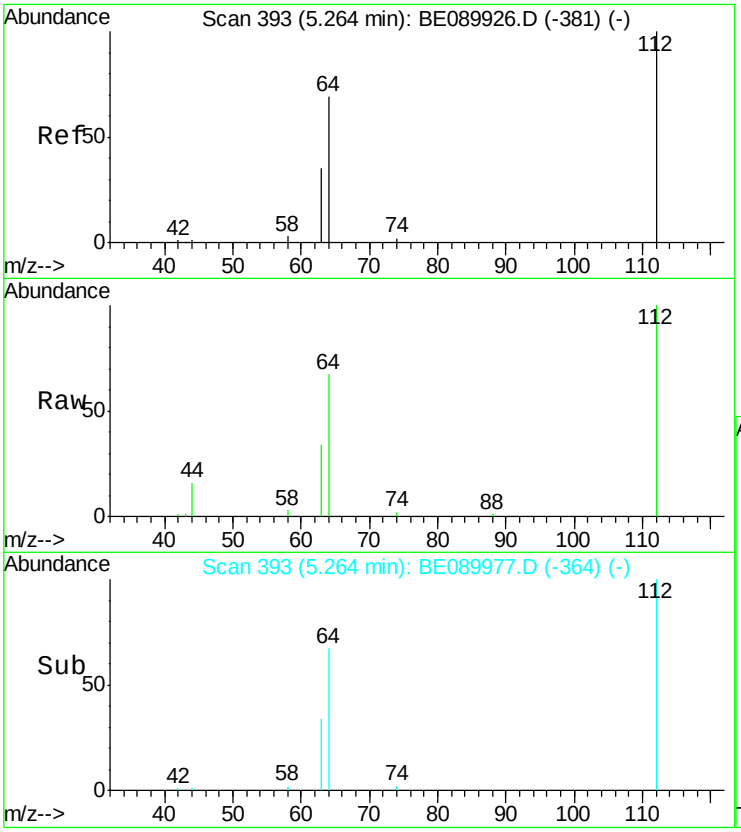


#3
n-Nitrosodimethylamine
Concen: 0.02 ng
RT: 3.48 min Scan# 130
Delta R.T. -0.07 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion: 42 Resp: 103

Ion	Ratio	Lower	Upper
42	100		
74	0.0	85.4	128.2#
44	159.2	8.4	12.6#



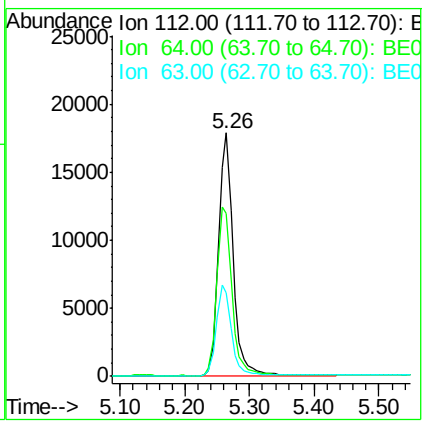


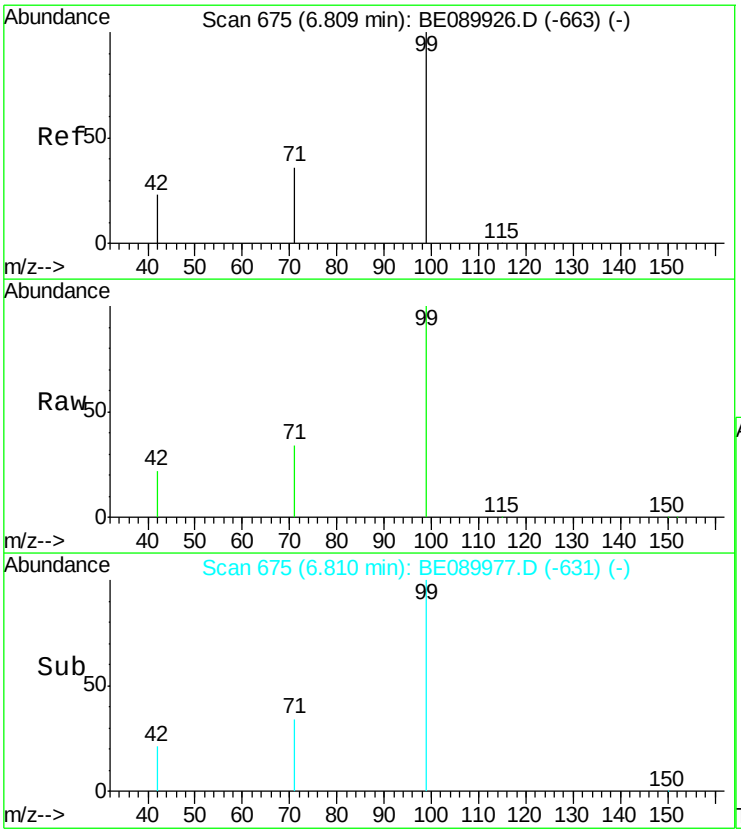
#4
2-Fluorophenol
Concen: 5.81 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:112 Resp: 27858

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

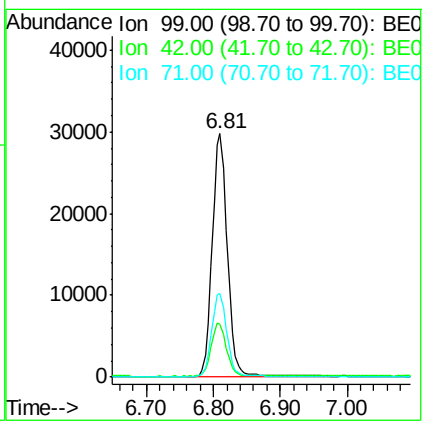


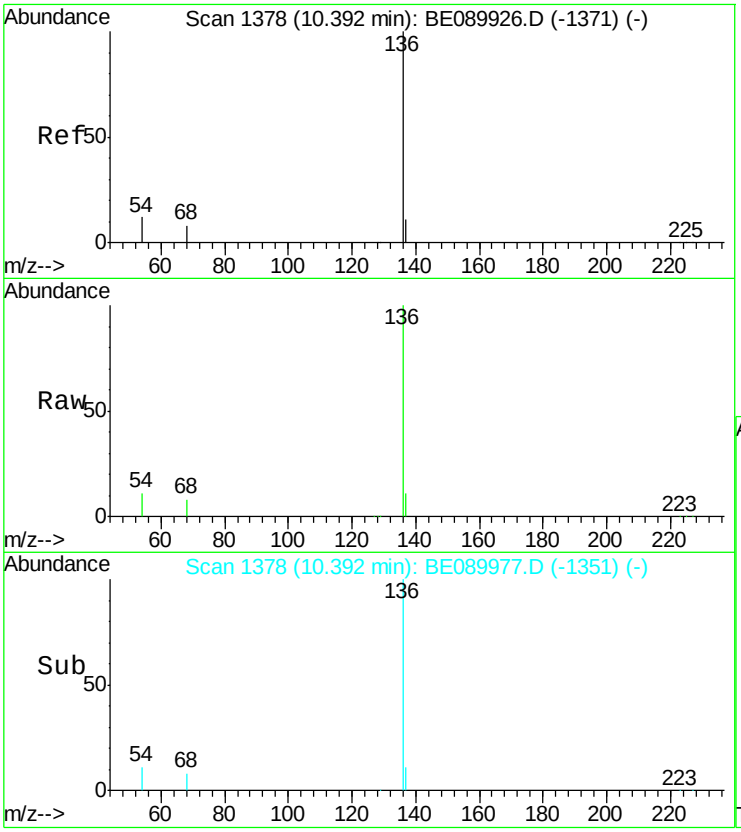


#5
Phenol-d6
Concen: 6.41 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion: 99 Resp: 47065

Ion	Ratio	Lower	Upper
99	100		
42	22.3	19.5	29.3
71	34.2	27.8	41.6



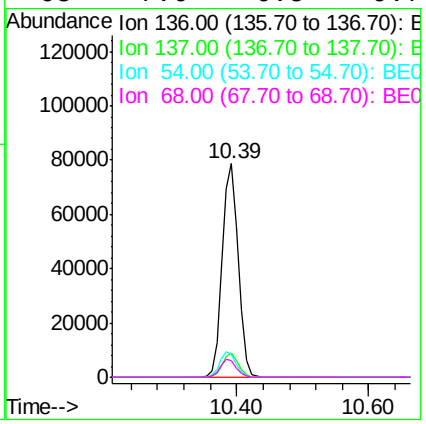


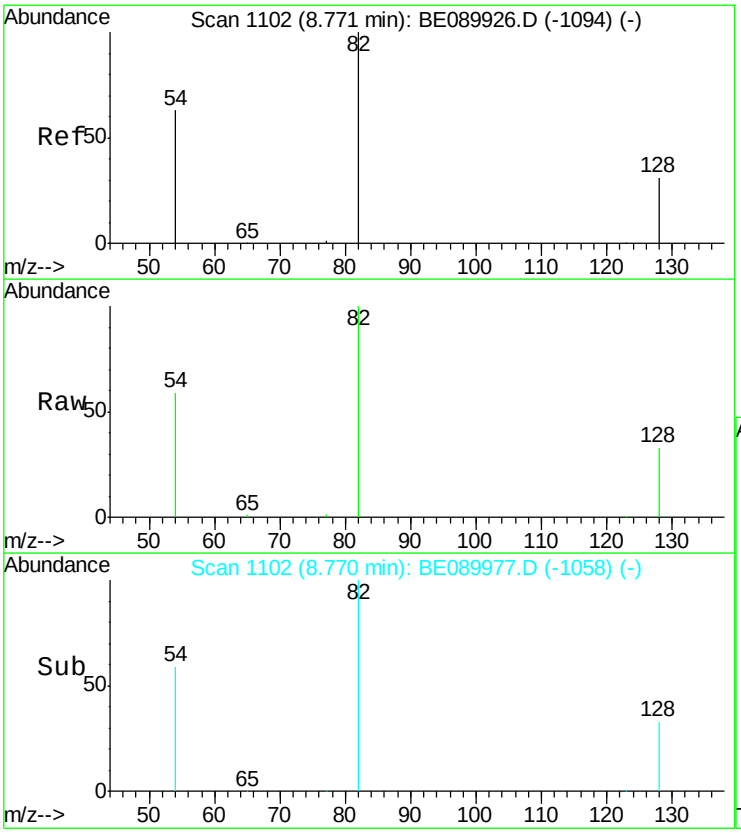
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:136 Resp: 130747

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.9	9.7	14.5
68	7.6	6.5	9.7

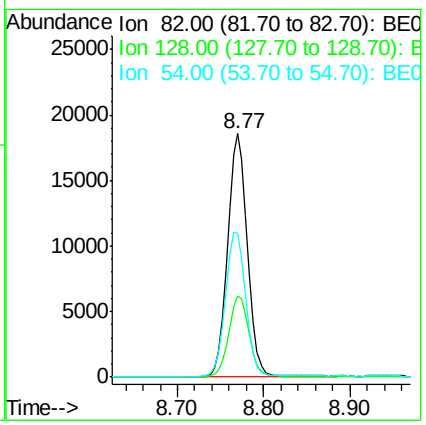


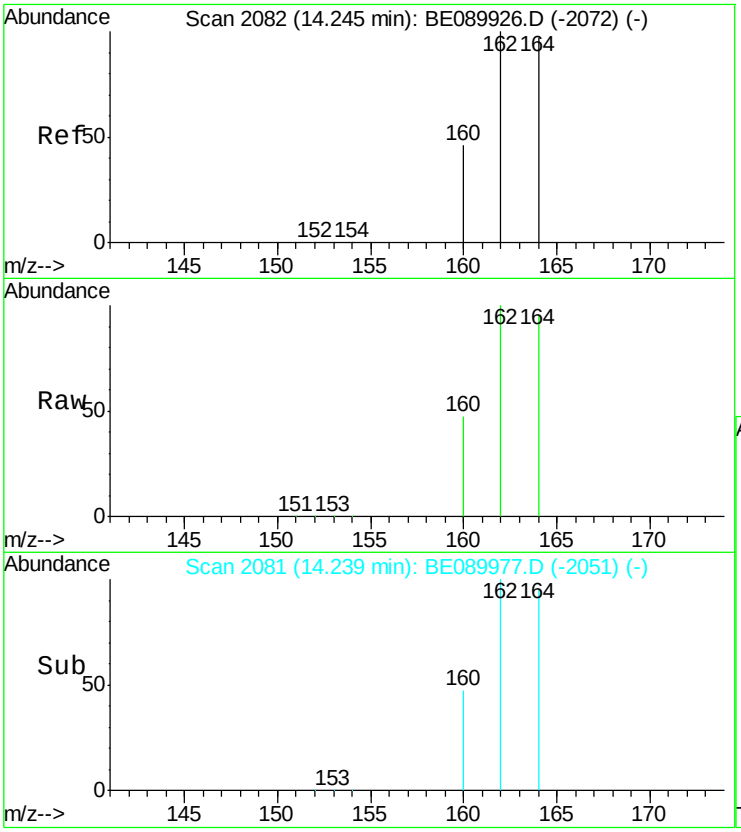


#7
Nitrobenzene-d5
Concen: 3.04 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion: 82 Resp: 29559

Ion	Ratio	Lower	Upper
82	100		
128	33.3	25.6	38.4
54	58.9	51.2	76.8



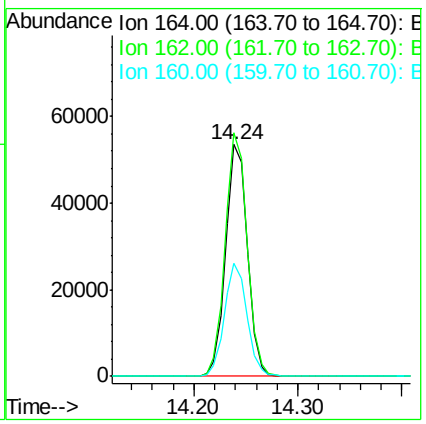


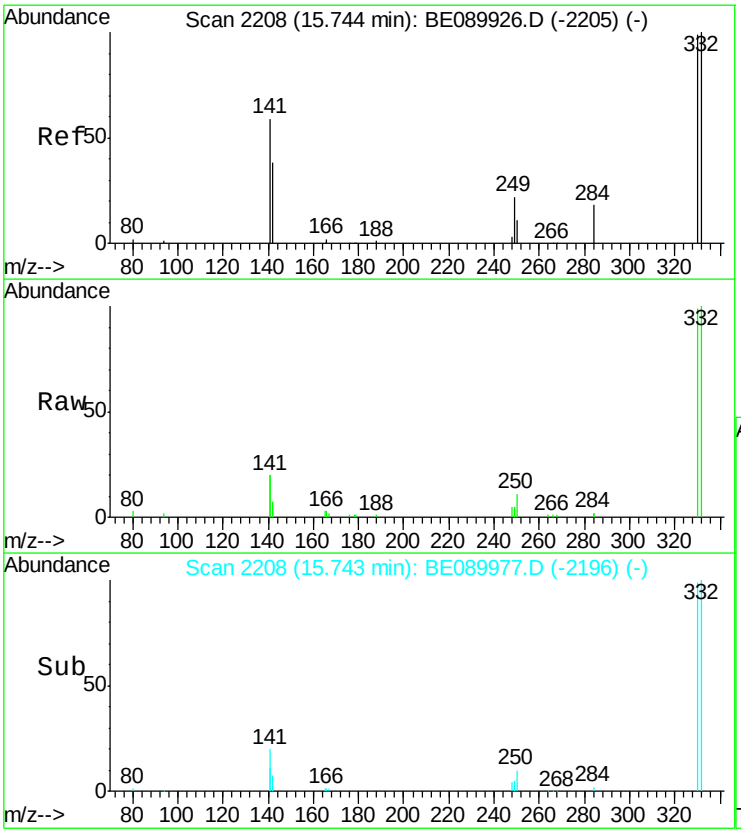
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:164 Resp: 77039

Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.7	124.1
160	49.0	38.3	57.5

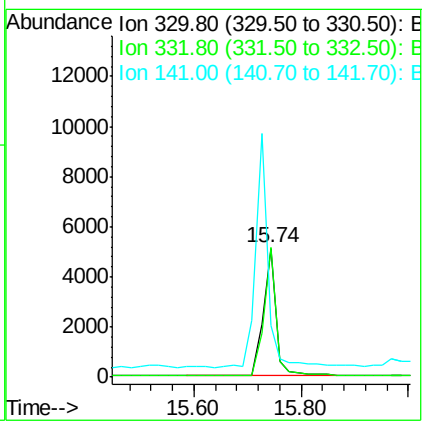


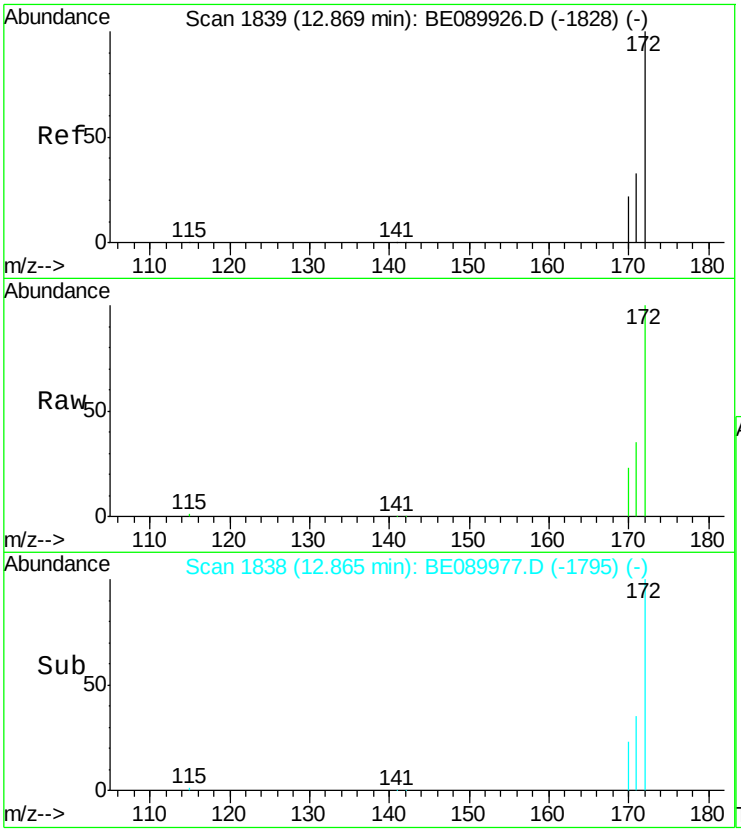


#13
2,4,6-Tribromophenol
Concen: 6.42 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:330 Resp: 8638

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.9	116.9
141	169.0	142.8	214.2



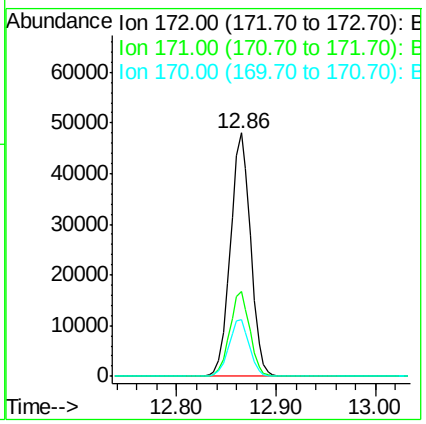


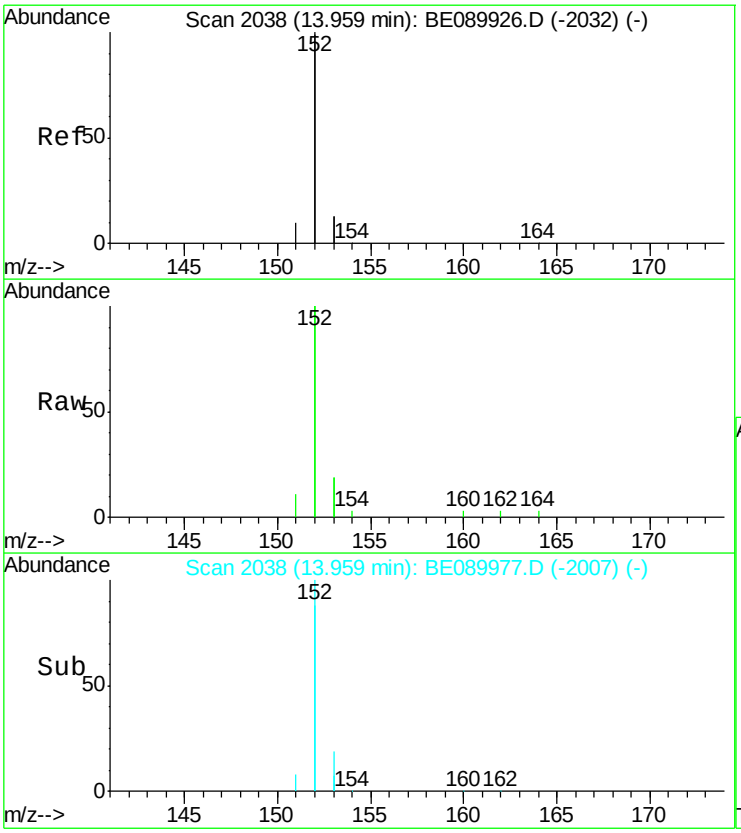
#14
2-Fluorobiphenyl
Concen: 3.02 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:172 Resp: 67756

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.7	40.1
170	23.3	17.5	26.3

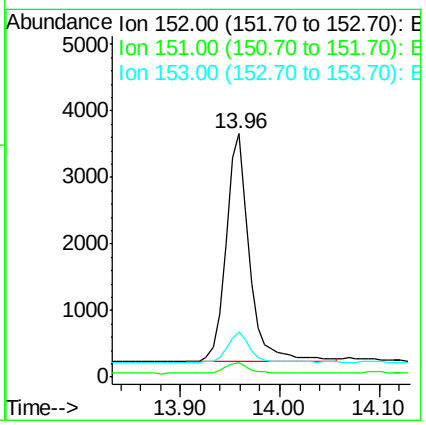


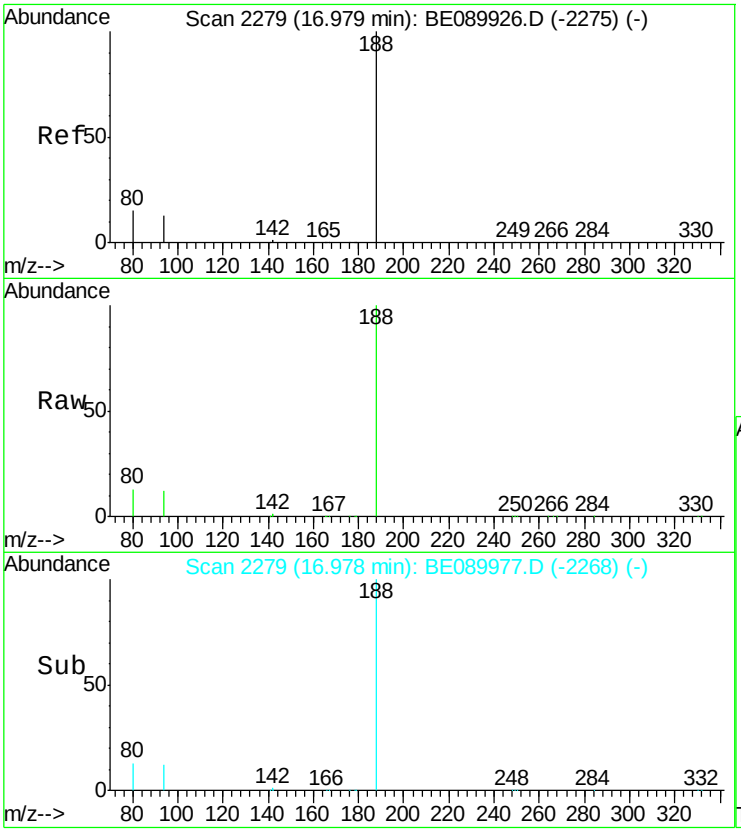


#15
Acenaphthylene
Concen: 0.04 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:152 Resp: 5615

Ion	Ratio	Lower	Upper
152	100		
151	5.0	3.9	5.9
153	12.9	10.4	15.6



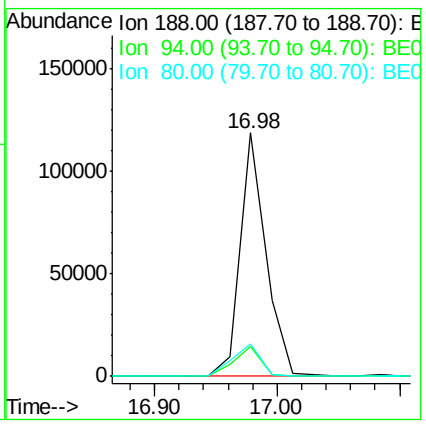


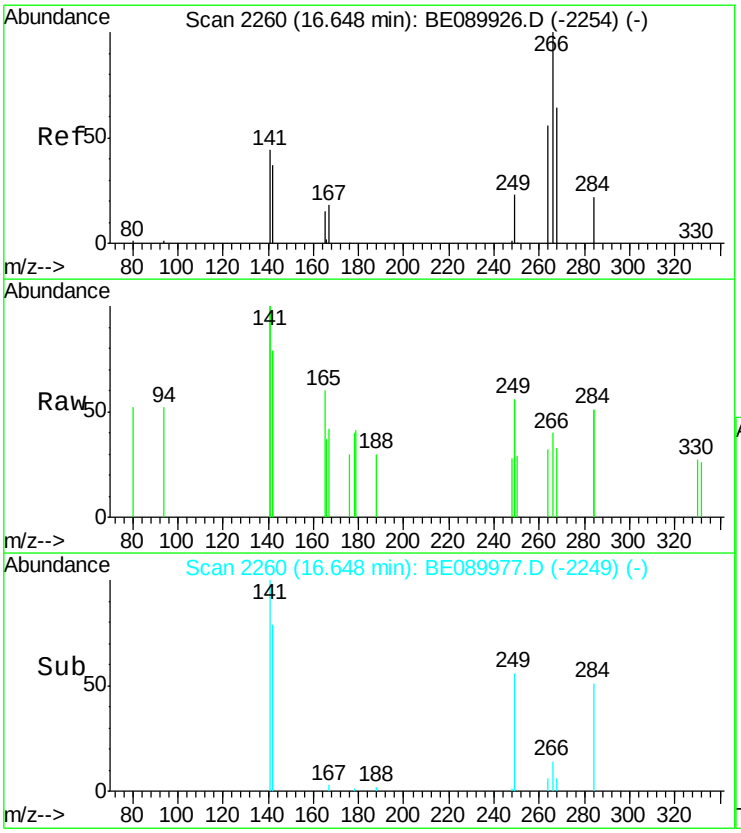
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:188 Resp: 174629

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.6	16.0
80	13.2	11.8	17.6

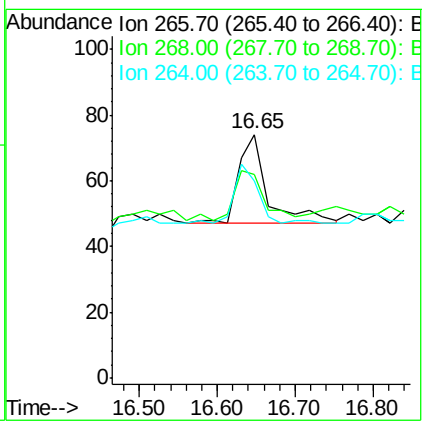


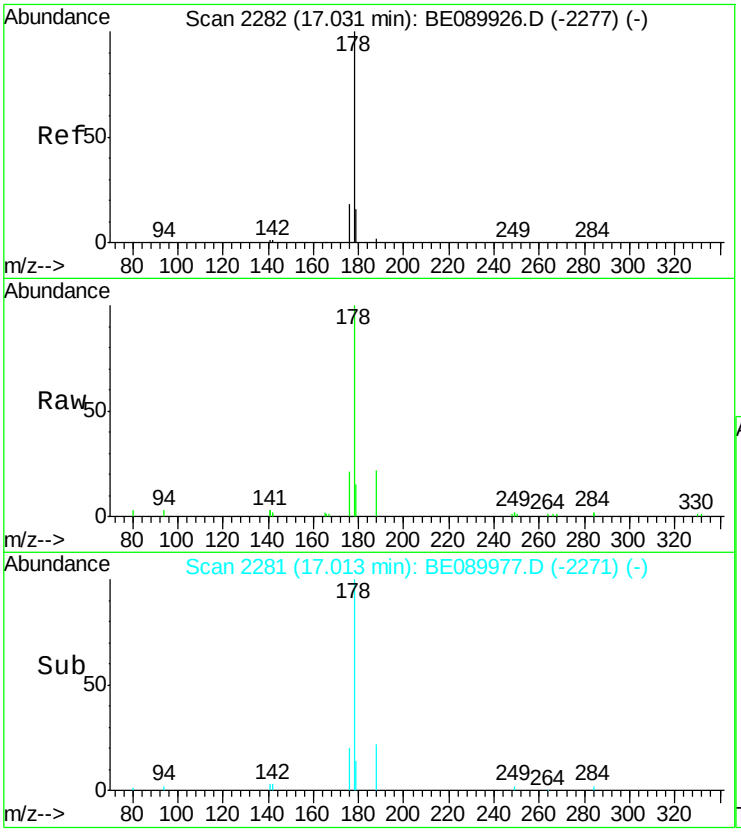


#21
Pentachlorophenol
Concen: 0.48 ng
RT: 16.65 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:266 Resp: 71

Ion	Ratio	Lower	Upper
266	100		
268	83.8	54.4	81.6#
264	81.1	48.2	72.2#



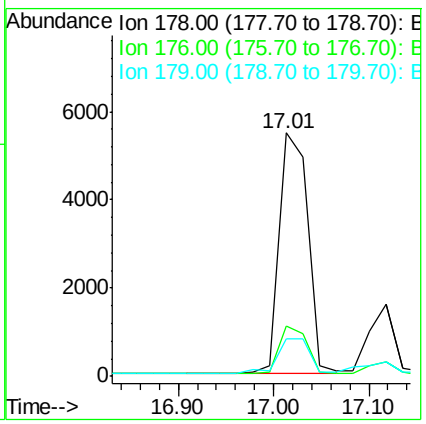


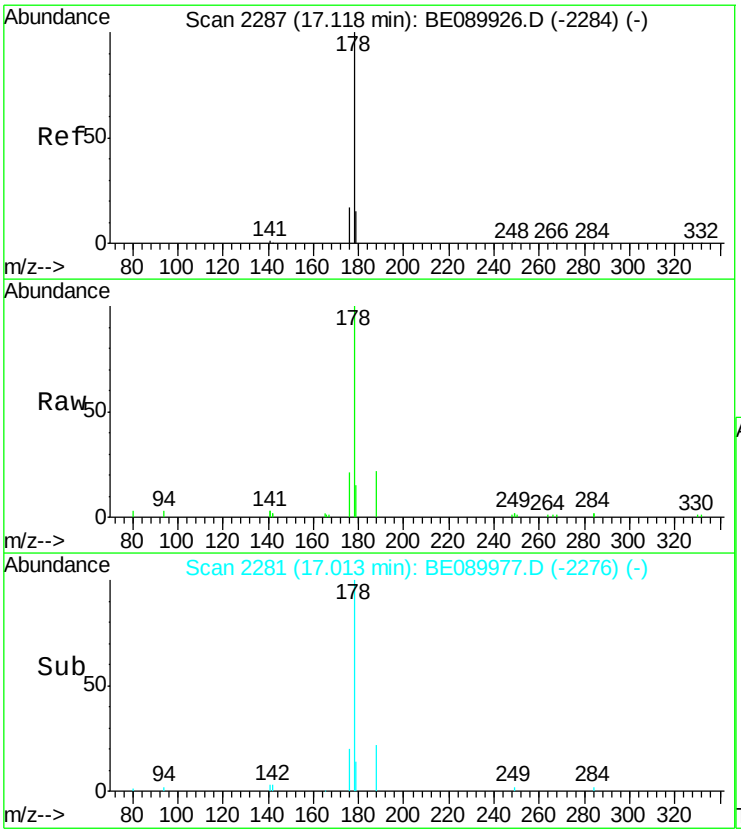
#22
Phenanthrene
Concen: 0.26 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:178 Resp: 11258

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.2
179	16.6	12.6	19.0

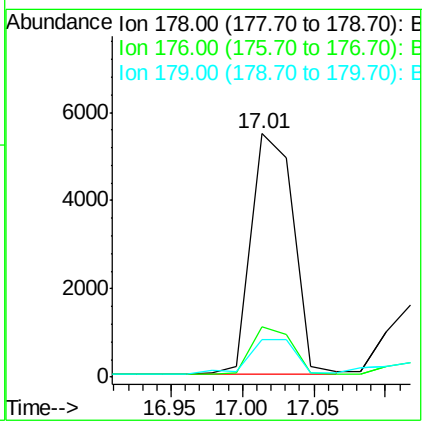


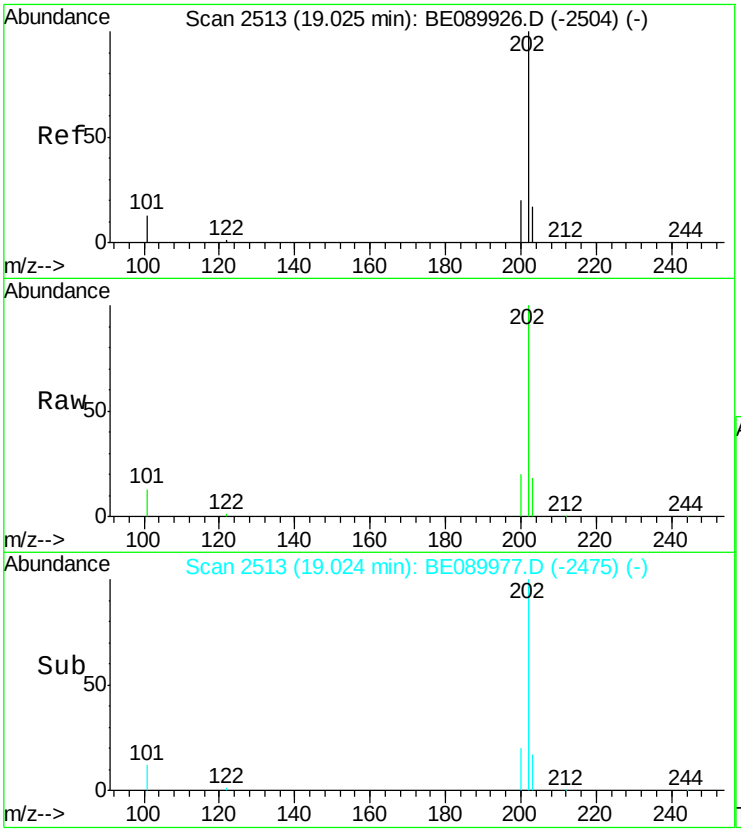


#23
Anthracene
Concen: 0.28 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.10 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:178 Resp: 11199

Ion	Ratio	Lower	Upper
178	100		
176	19.4	14.6	21.8
179	16.3	12.3	18.5



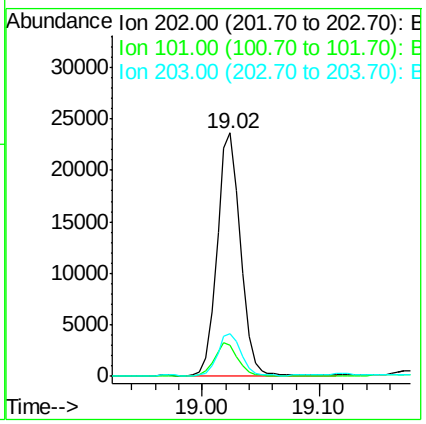


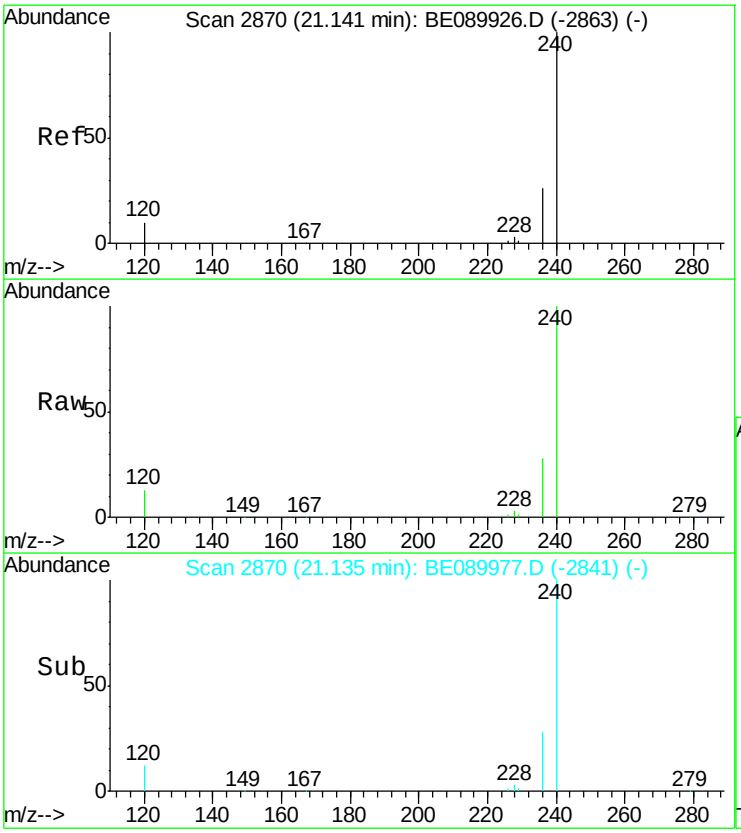
#24
Fluoranthene
Concen: 0.68 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:202 Resp: 32473

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	16.0
203	17.1	13.8	20.8

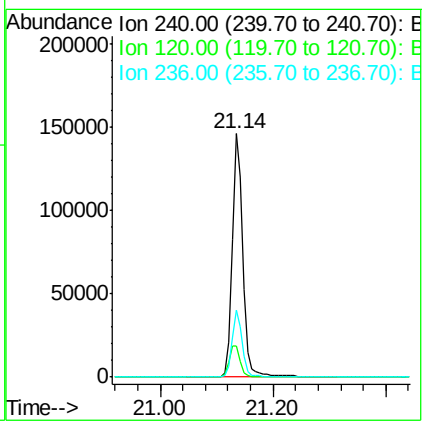


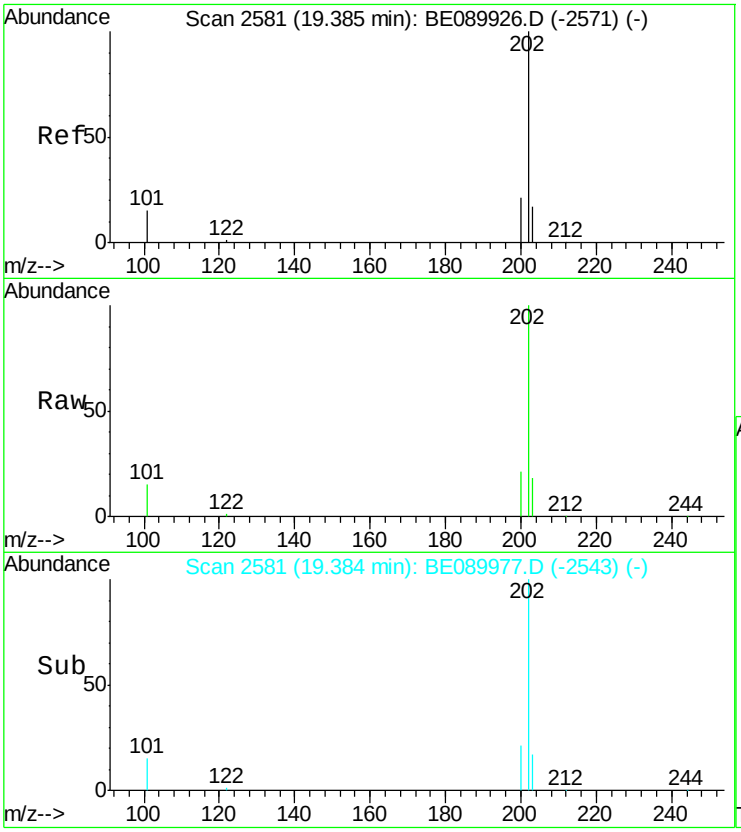


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:240 Resp: 187927

Ion	Ratio	Lower	Upper
240	100		
120	12.6	7.9	11.9#
236	27.7	21.2	31.8



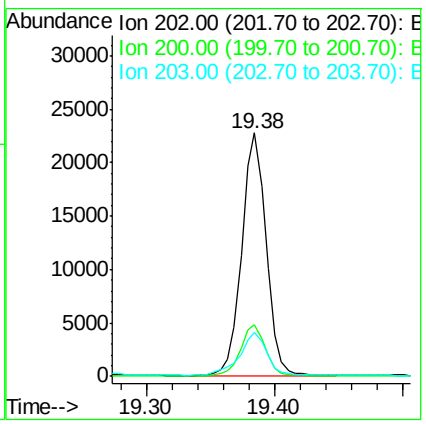


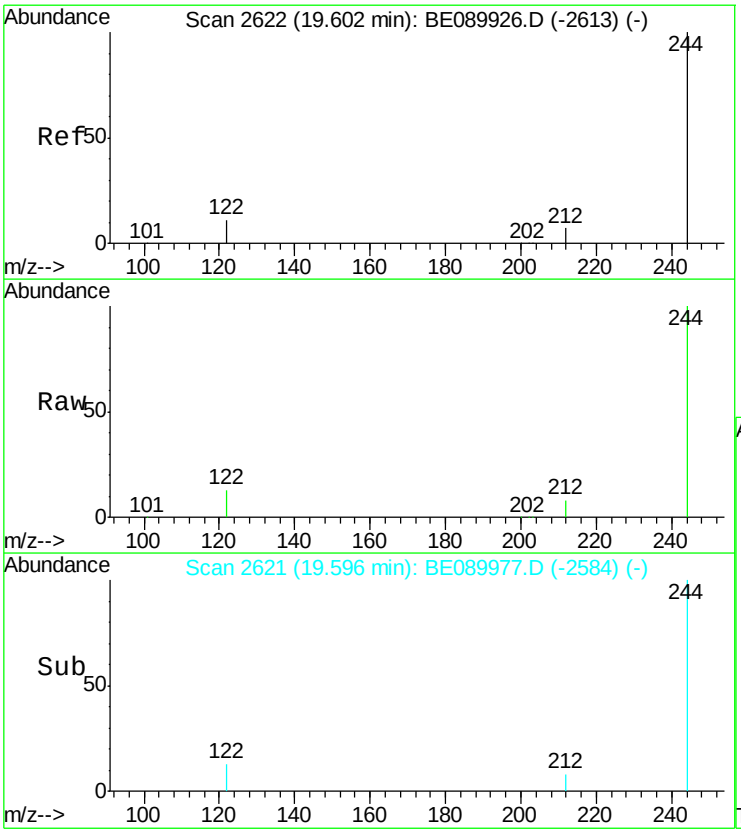
#26
Pyrene
Concen: 0.63 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:202 Resp: 30024

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	19.9	13.9	20.9

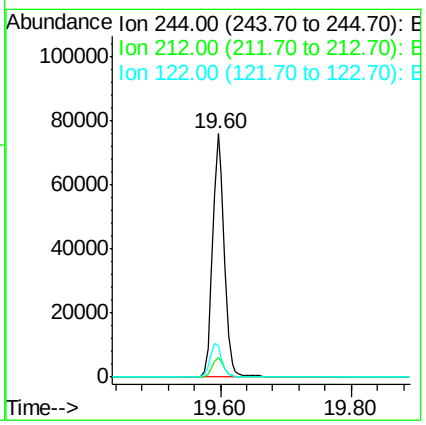


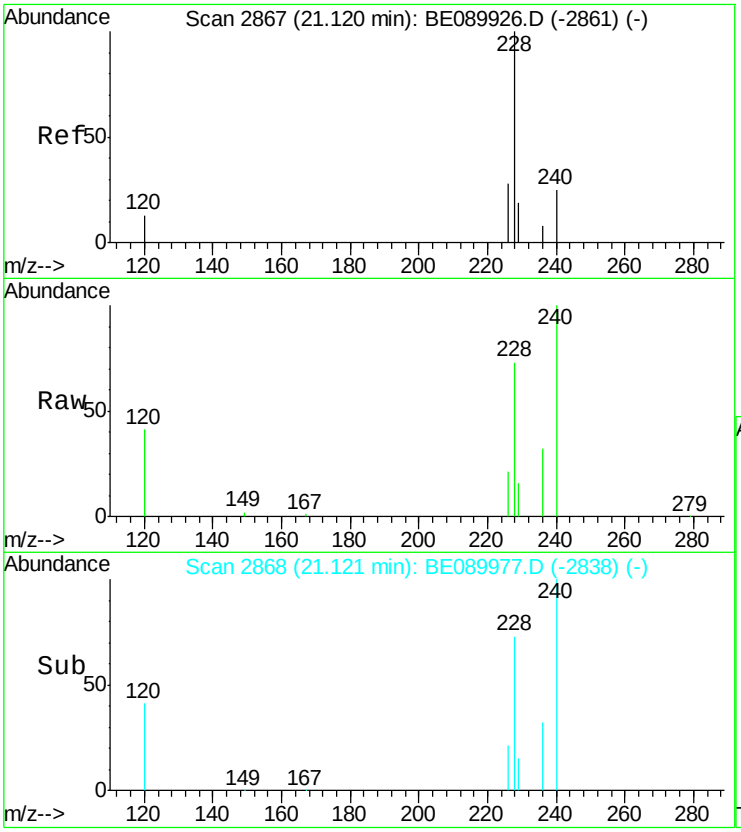


#27
Terphenyl-d14
Concen: 2.90 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:244 Resp: 94228

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.1	9.1
122	13.0	8.7	13.1



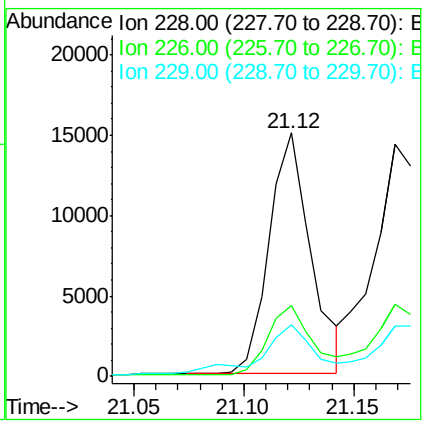


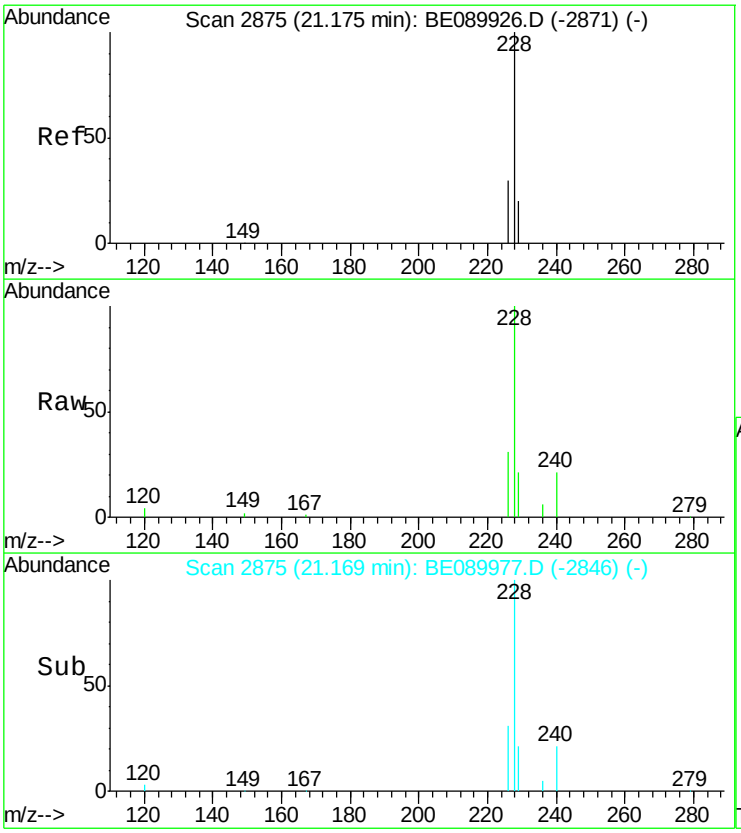
#28
Benzo(a)anthracene
Concen: 0.45 ng
RT: 21.12 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:228 Resp: 19981

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.2	33.4
229	21.3	15.3	22.9

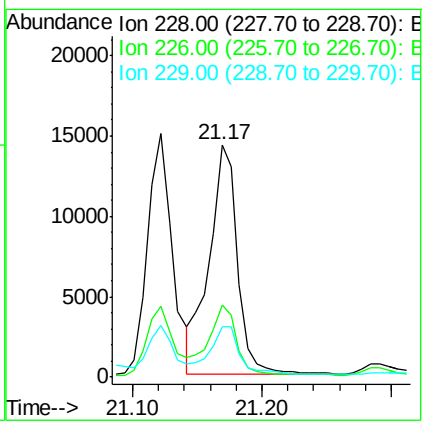


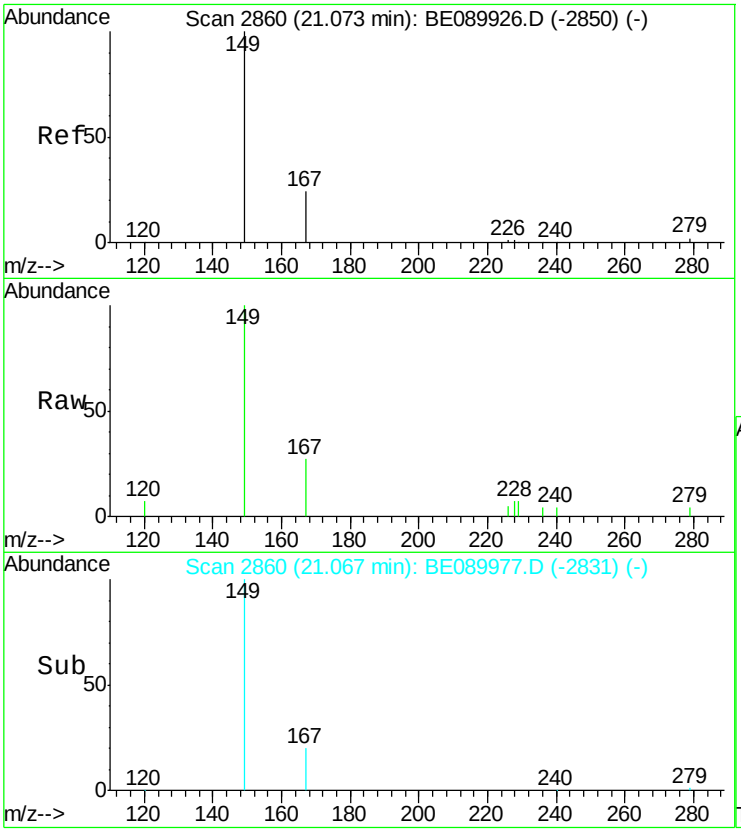


#29
Chrysene
Concen: 0.45 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:228 Resp: 22181

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.7	35.5
229	21.5	15.8	23.8



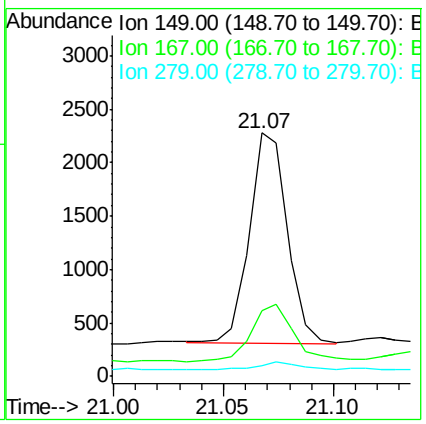


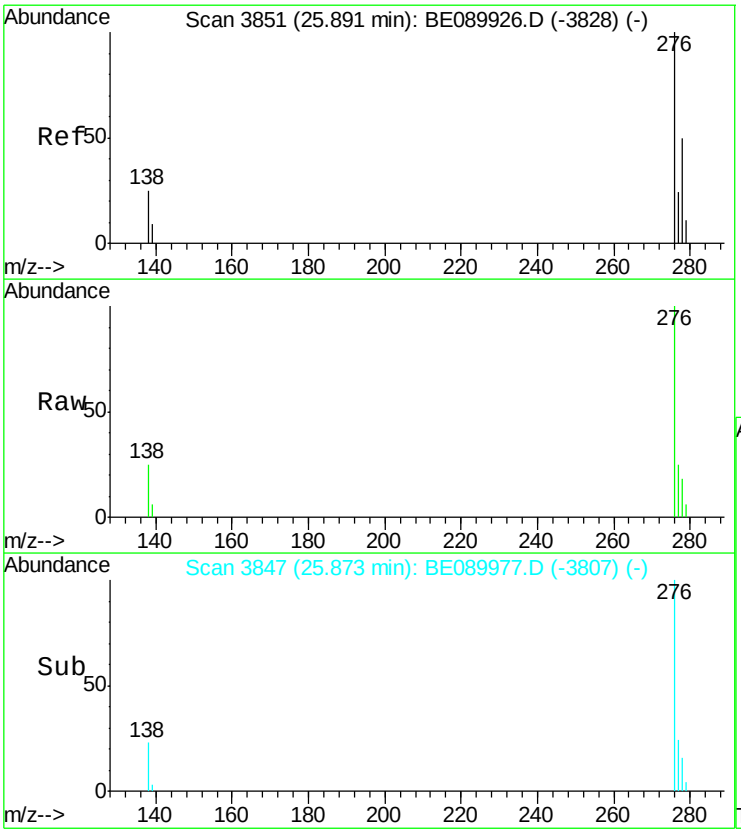
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.62 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:149 Resp: 2386

Ion	Ratio	Lower	Upper
149	100		
167	30.7	20.3	30.5#
279	3.6	2.7	4.1

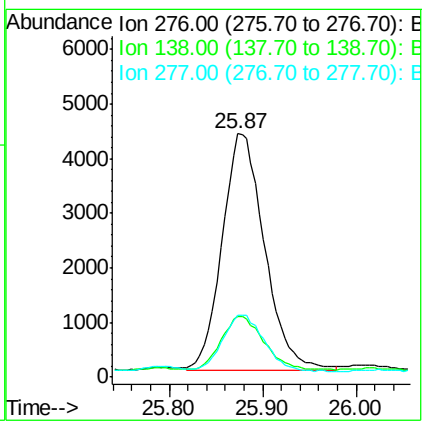


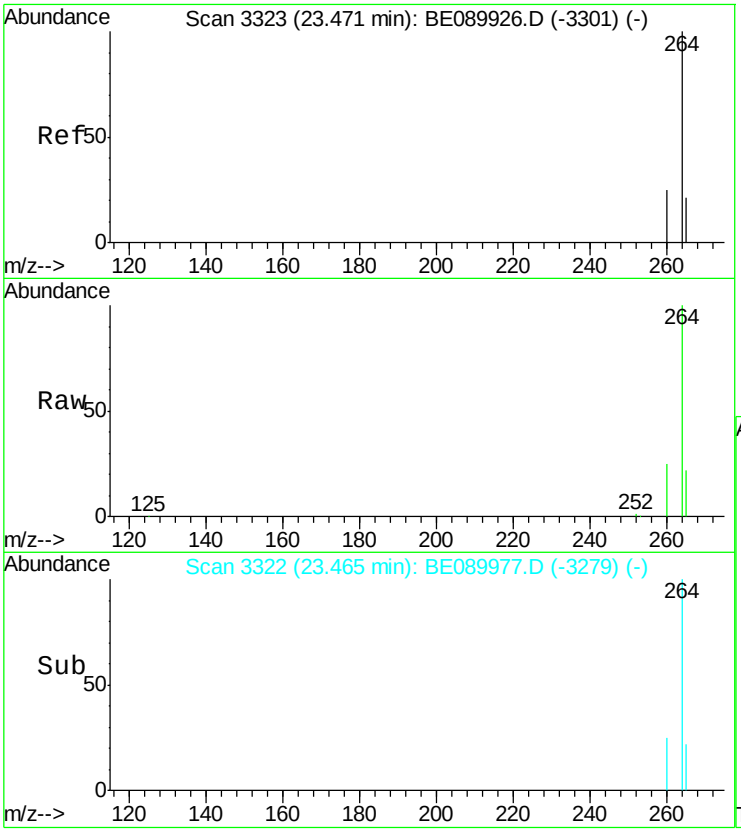


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.38 ng
RT: 25.87 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:276 Resp: 13618

Ion	Ratio	Lower	Upper
276	100		
138	22.8	0.0	0.0#
277	23.4	0.0	0.0#



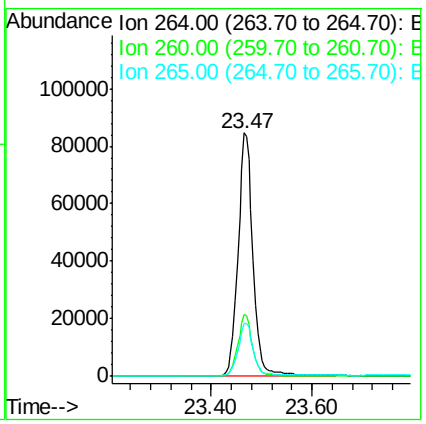


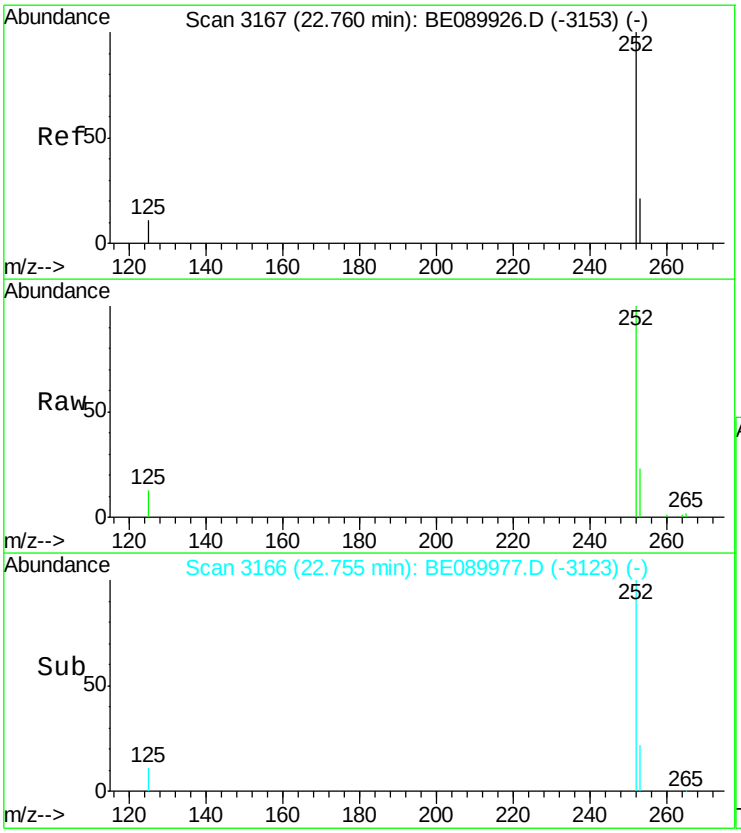
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:264 Resp: 175887

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.8	29.6
265	22.0	17.3	25.9

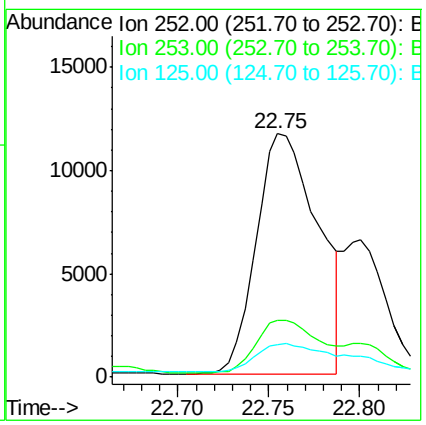


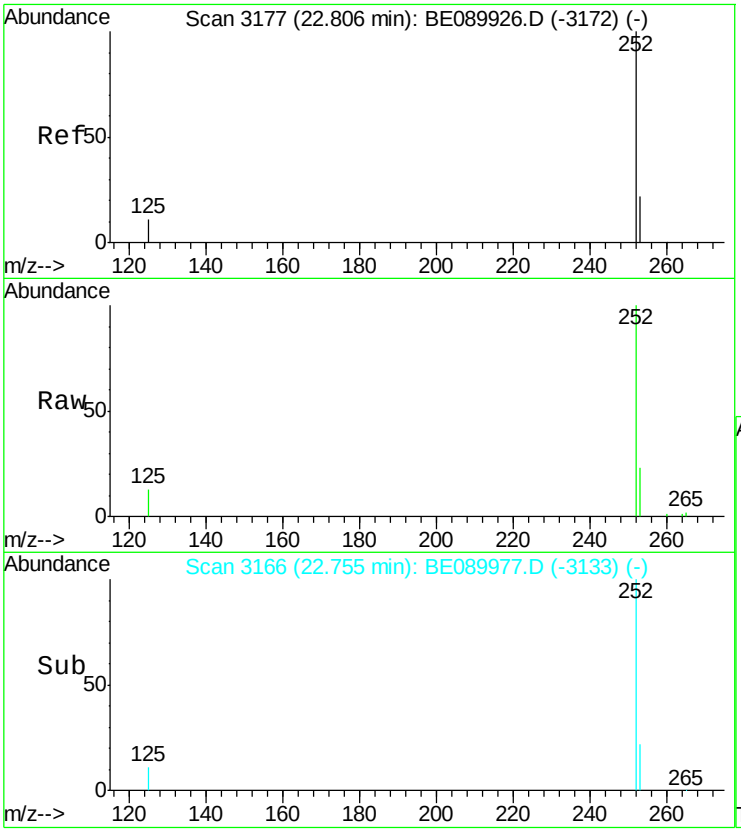


#33
Benzo(b)fluoranthene
Concen: 0.74 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:252 Resp: 27392

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	13.4	9.3	13.9



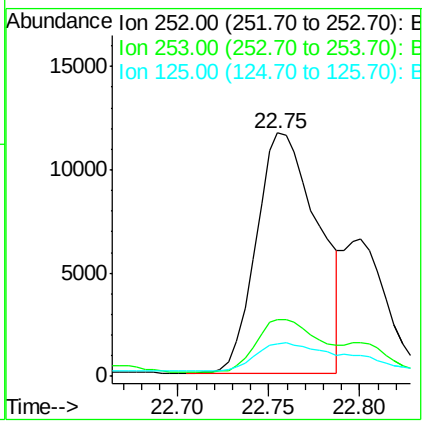


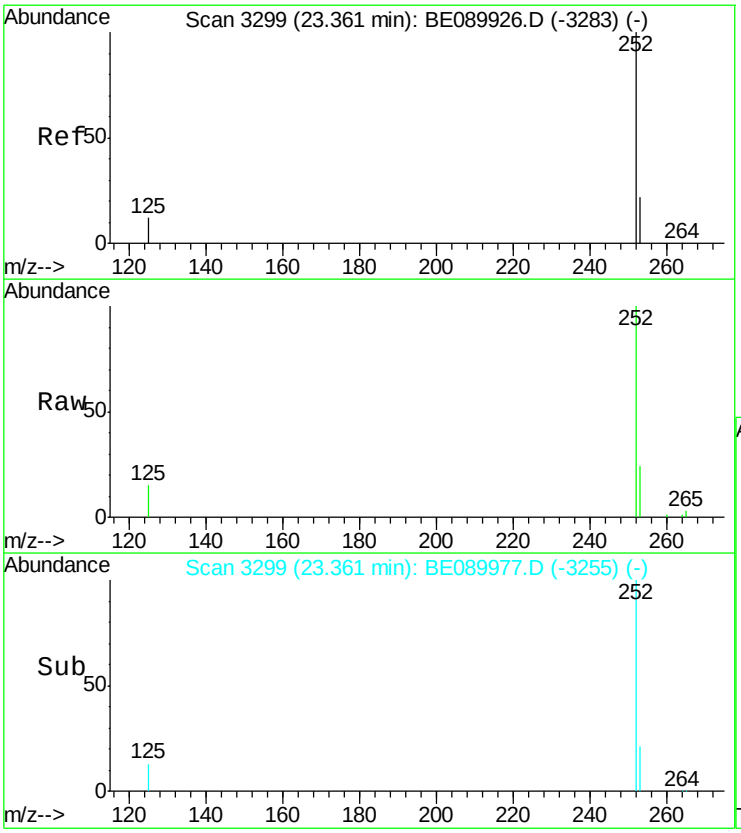
#34
Benzo(k)fluoranthene
Concen: 0.65 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.05 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:252 Resp: 27392

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	13.4	9.2	13.8

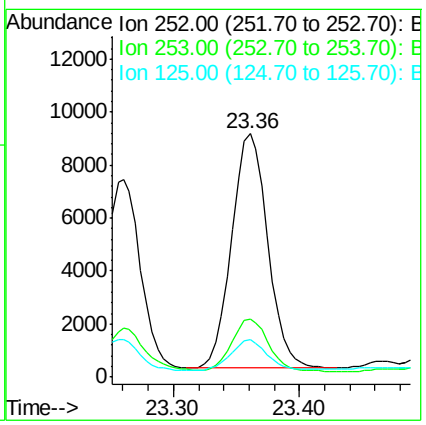


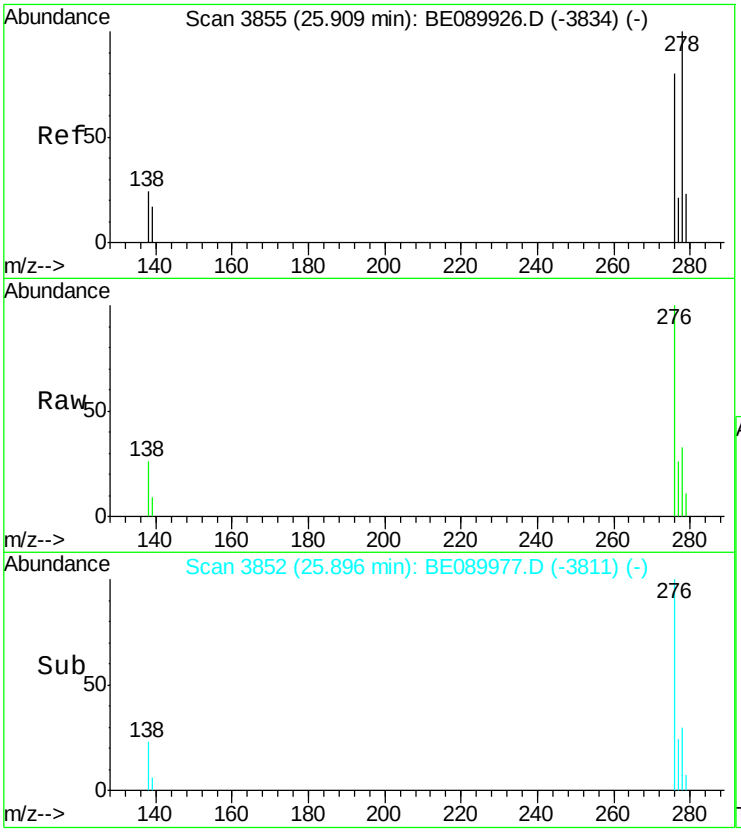


#35
Benzo(a)pyrene
Concen: 0.54 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:252 Resp: 17722

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.8	26.6
125	15.3	10.3	15.5



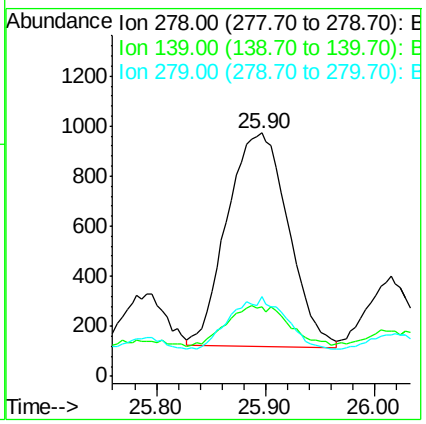


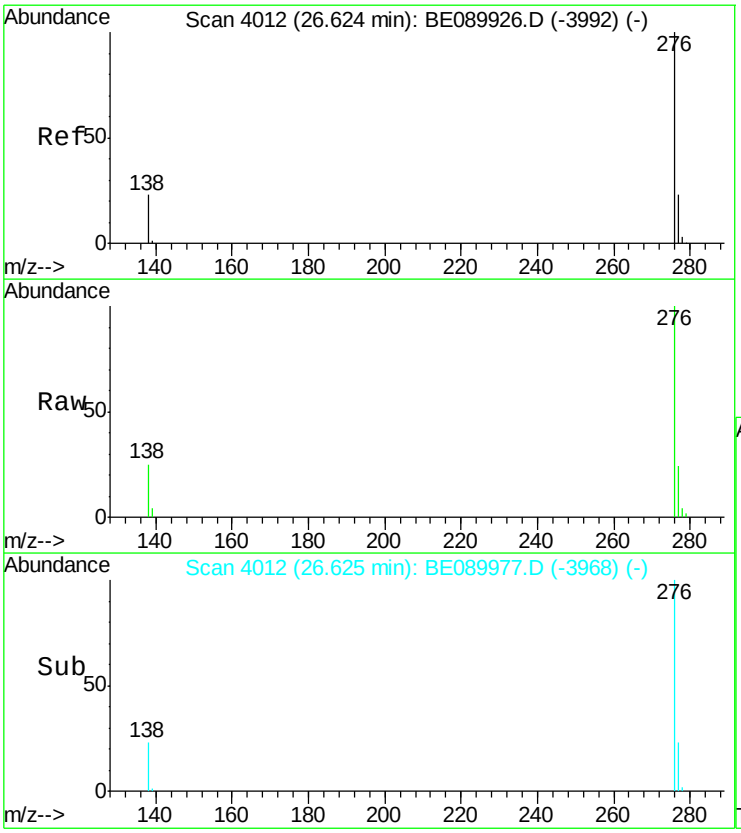
#36
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 25.90 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Instrument :
BNA_E
ClientSampleId :
X1SS0620006-150624

Tgt Ion:278 Resp: 3299

Ion	Ratio	Lower	Upper
278	100		
139	28.5	14.1	21.1#
279	32.7	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.63 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089977.D
Acq: 27 Jun 2015 15:19

Tgt Ion:276 Resp: 14725

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.0	28.4
138	25.3	18.8	28.2