Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089972.D
Acq On : 27 Jun 2015 12:20
Operator : TP/IZ
Sample : G2782-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X3SS0190006-150624

Quant Time: Jun 29 00:55:19 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	26694	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	132225	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	78933	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	182793	5.00	ng		0.00
25) Chrysene-d12	21.13	240	202052	5.00	ng		0.00
32) Perylene-d12	23.47	264	187507	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	57392	11.91	ng		0.00
5) Phenol-d6	6.81	99	101051	13.68	ng		0.00
7) Nitrobenzene-d5	8.77	82	66909	6.80	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	18434	13.03	ng		0.00
14) 2-Fluorobiphenyl	12.87	172	158029	6.87	ng		0.00
27) Terphenyl-d14	19.60	244	229772	6.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	31	Below Cal		#	15
3) n-Nitrosodimethylamine	3.47	42	436	0.09	ng	#	1
8) Nitrobenzene	8.77	77	213	0.02	ng	#	38
15) Acenaphthylene	13.96	152	14602	0.11	ng		100
21) Pentachlorophenol	16.63	266	167	0.52	ng	#	83
22) Phenanthrene	17.12	178	1916	0.04	ng		97
23) Anthracene	17.12	178	2027	0.05	ng		98
24) Fluoranthene	19.02	202	11298	0.23	ng		99
26) Pyrene	19.38	202	12675	0.25	ng		97
28) Benzo(a)anthracene	21.17	228	10588	0.22	ng		94
29) Chrysene	21.17	228	10672	0.20	ng		97
30) Bis(2-ethylhexyl)phthalate	21.07	149	6222	1.51	ng		99
31) Indeno(1,2,3-cd)pyrene	25.87	276	12366	0.32	ng	#	100
33) Benzo(b)fluoranthene	22.75	252	19025	0.48	ng	#	94
34) Benzo(k)fluoranthene	22.75	252	19025	0.42	ng	#	95
35) Benzo(a)pyrene	23.36	252	11770	0.33	ng	#	93
36) Dibenzo(a,h)anthracene	25.89	278	2622	0.08	ng	#	74
37) Benzo(g,h,i)perylene	26.63	276	15096	0.43	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089972.D
Acq On : 27 Jun 2015 12:20
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Sample : G2782-19
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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X3SS0190006-150624

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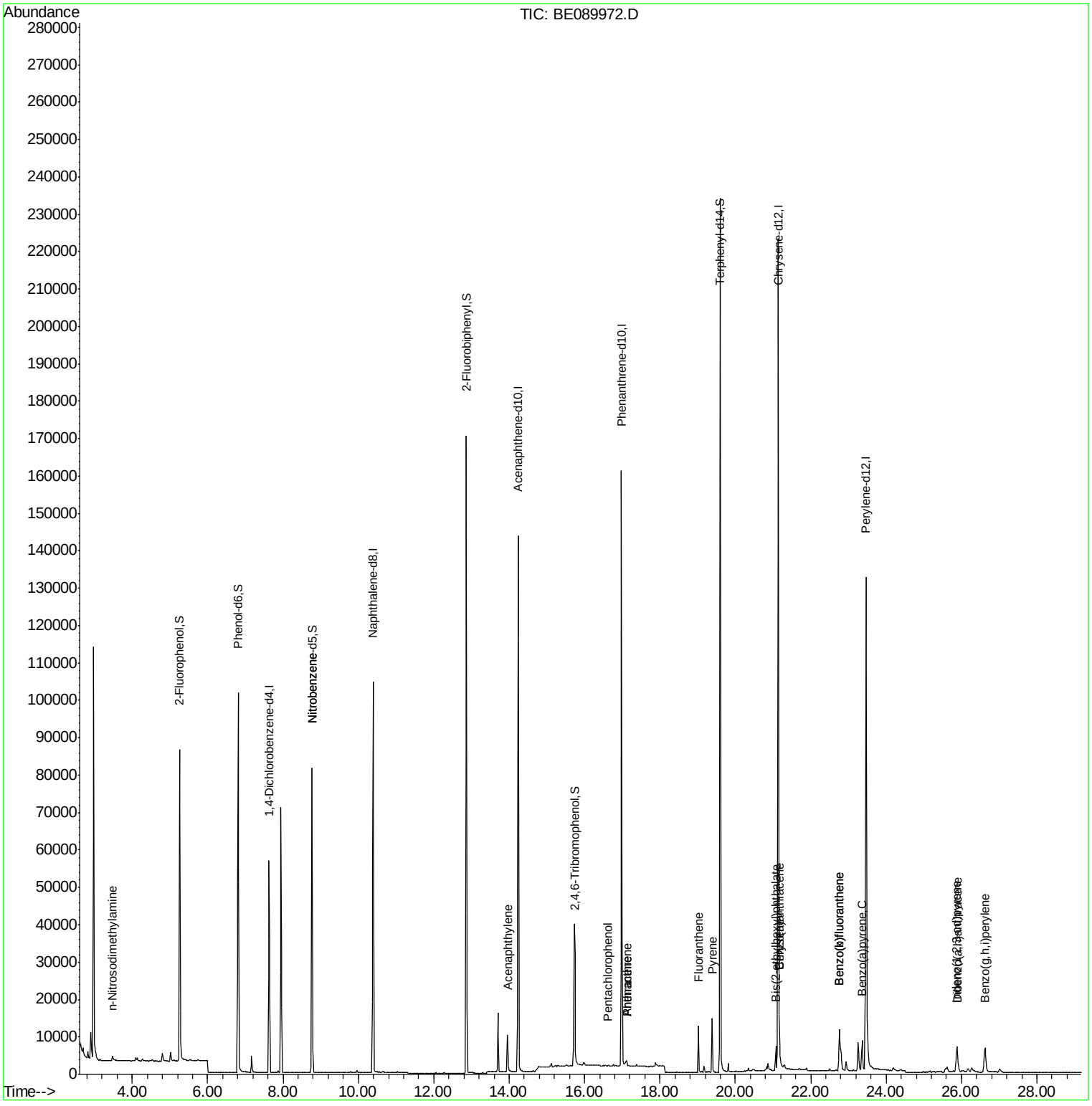
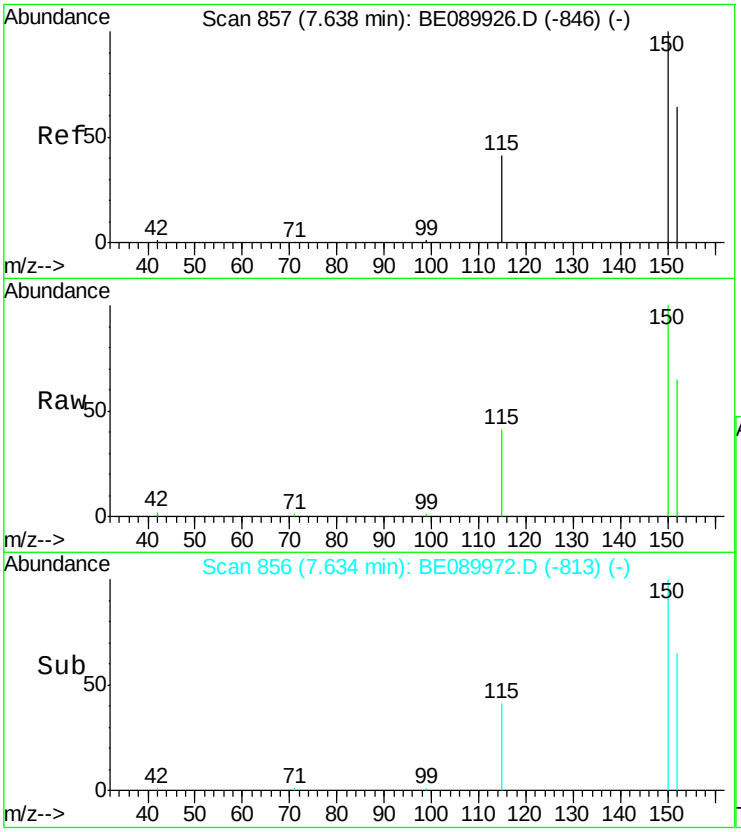
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 16:51:27 2015
Response via : Initial Calibration



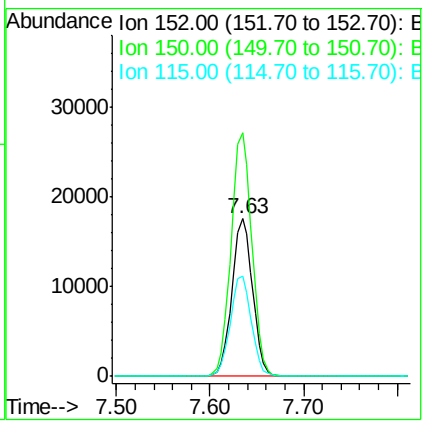


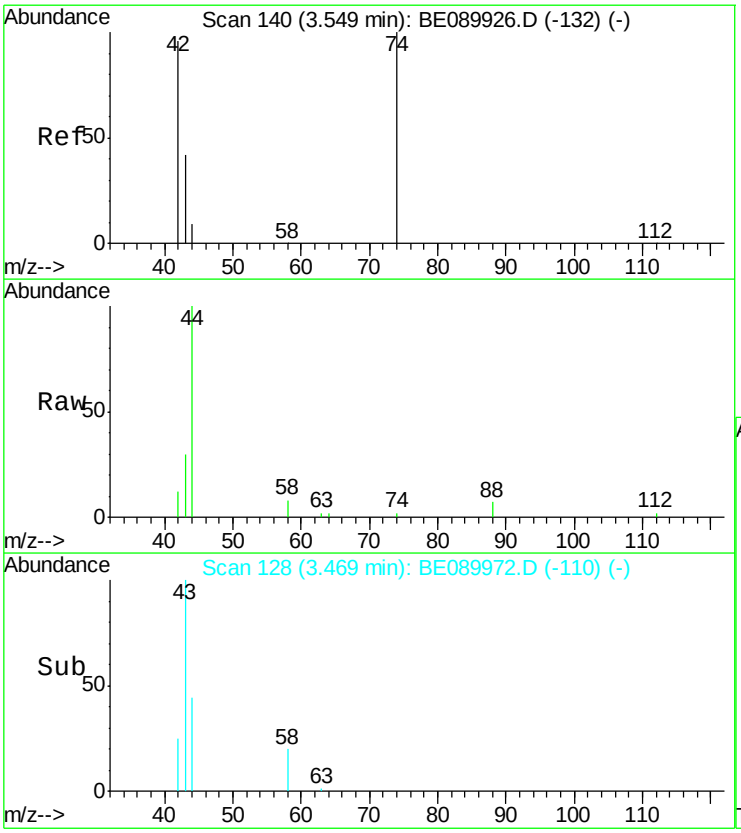
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:152 Resp: 26694

Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.6	186.8
115	63.8	51.6	77.4

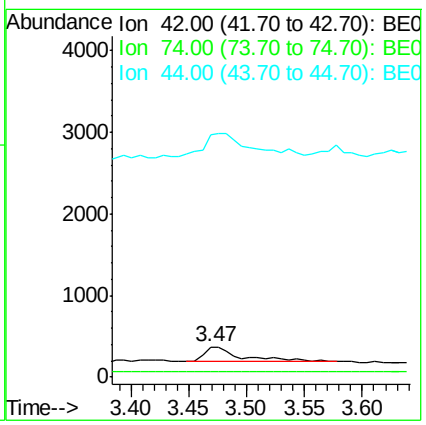


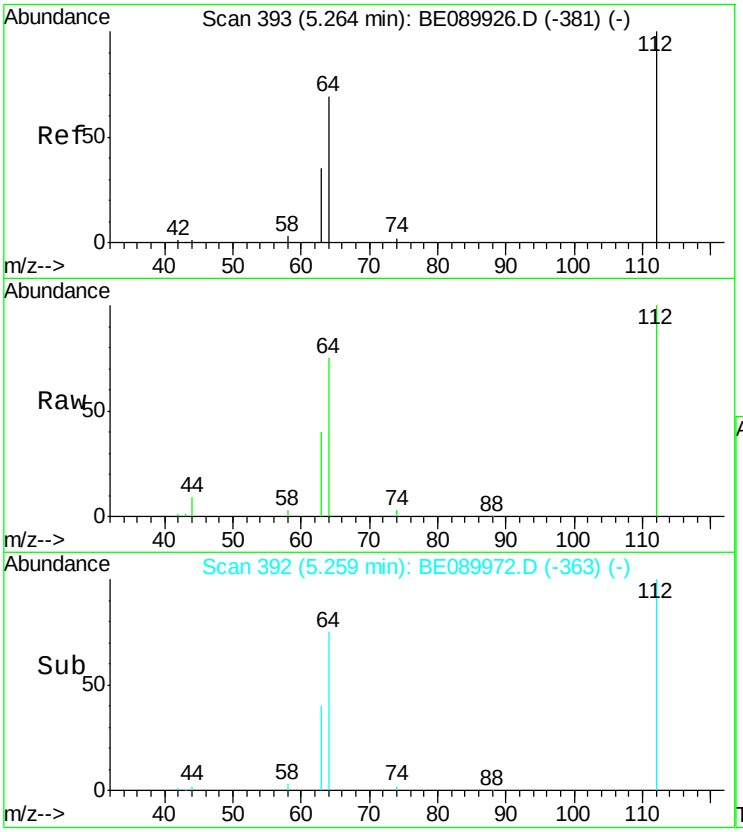


#3
n-Nitrosodimethylamine
Concen: 0.09 ng
RT: 3.47 min Scan# 128
Delta R.T. -0.08 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion: 42 Resp: 436

Ion	Ratio	Lower	Upper
42	100		
74	1.6	85.4	128.2#
44	245.0	8.4	12.6#



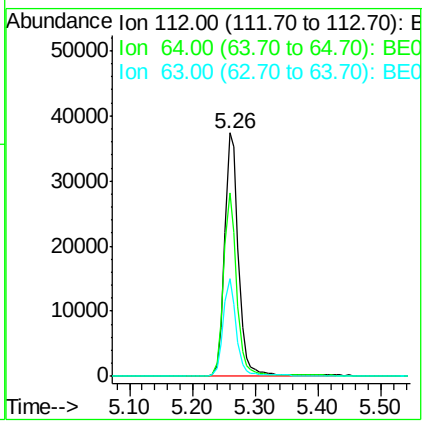


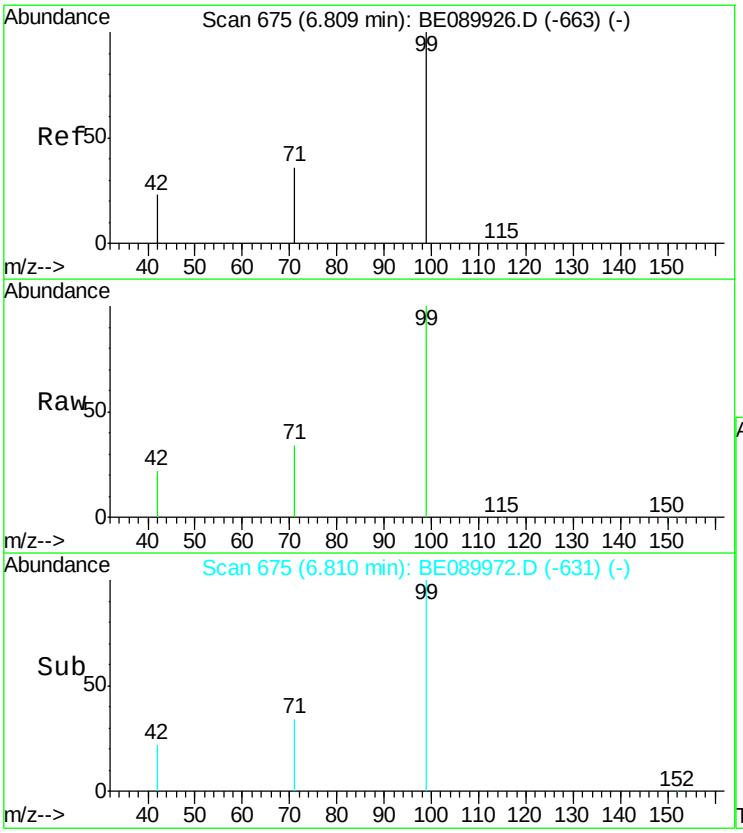
#4
2-Fluorophenol
Concen: 11.91 ng
RT: 5.26 min Scan# 392
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:112 Resp: 57392

Ion	Ratio	Lower	Upper
112	100		
64	72.3	57.4	86.2
63	38.4	31.2	46.8

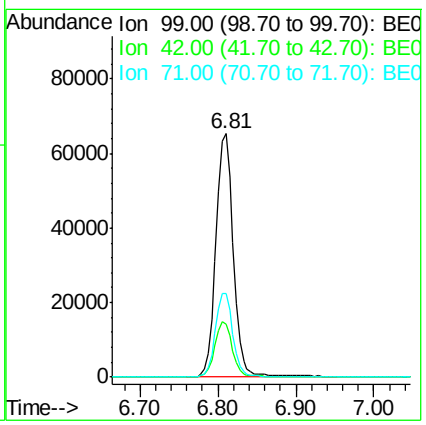


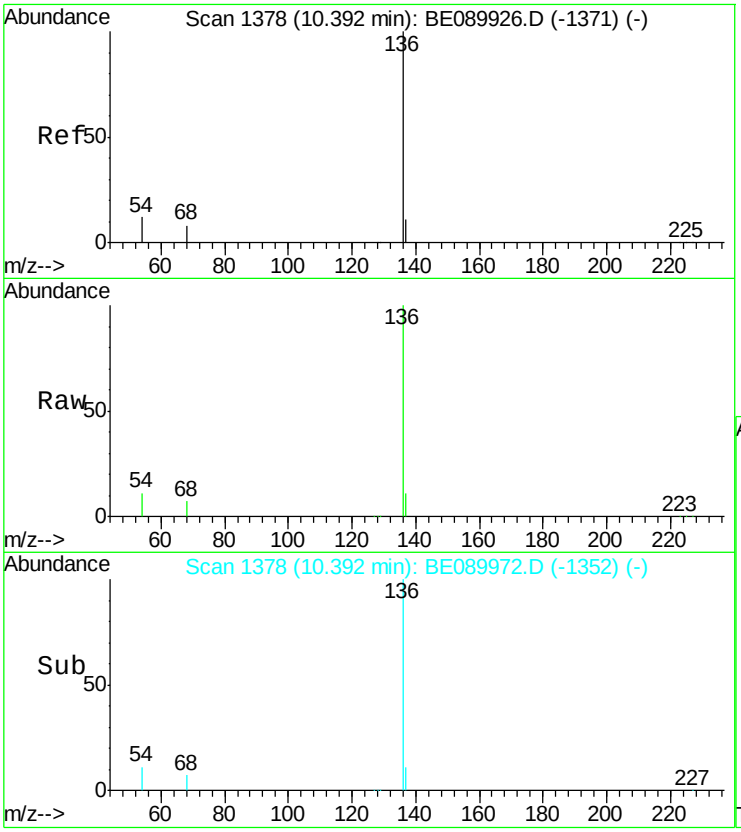


#5
Phenol-d6
Concen: 13.68 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion: 99 Resp: 101051

Ion	Ratio	Lower	Upper
99	100		
42	22.6	19.5	29.3
71	34.6	27.8	41.6



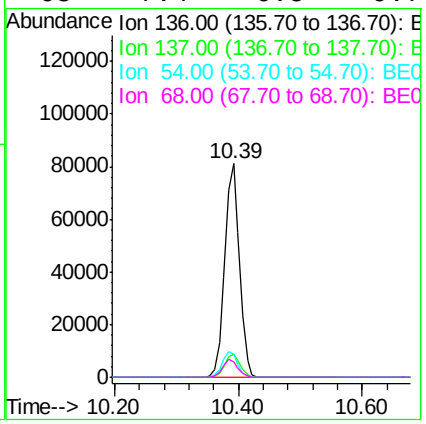


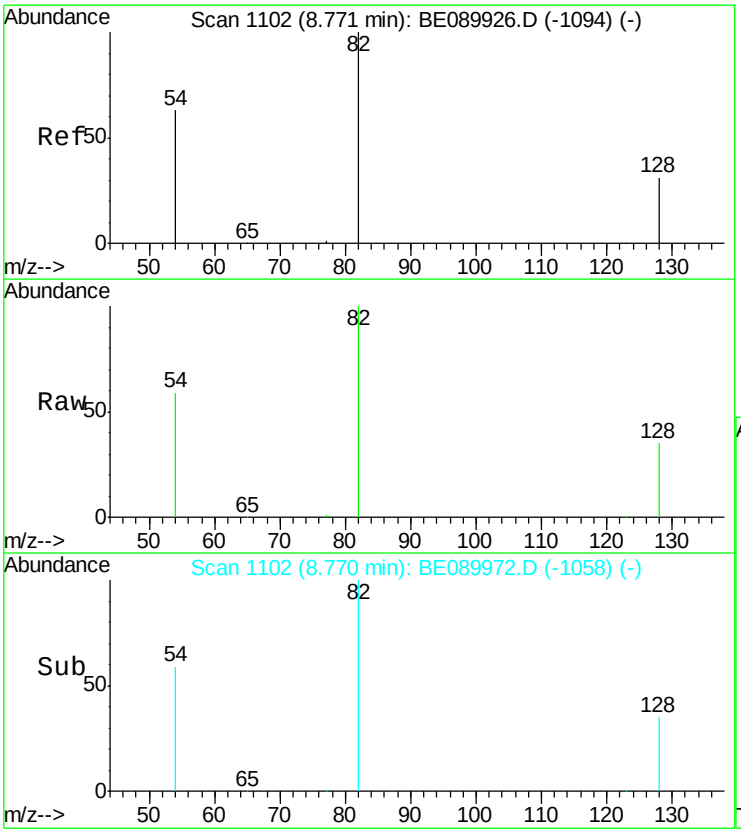
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:136 Resp: 132225

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.7	9.7	14.5
68	7.4	6.5	9.7

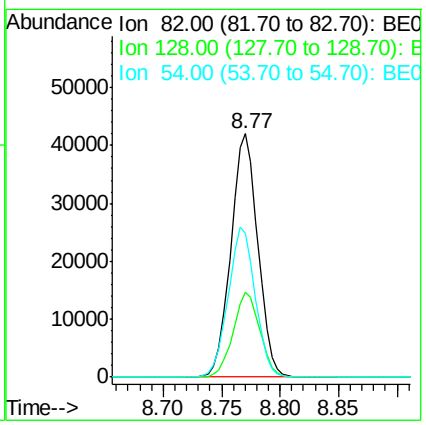


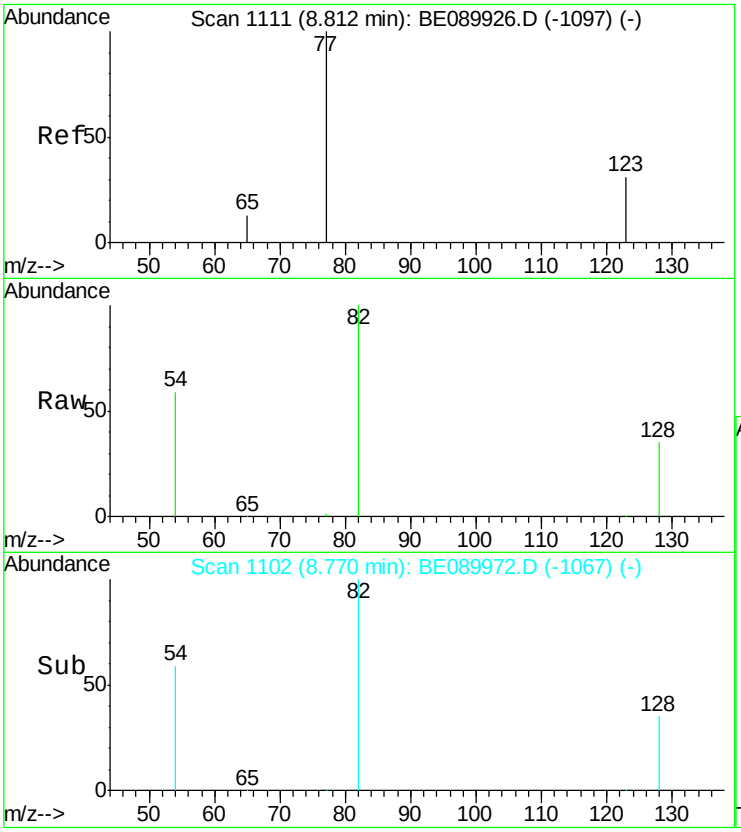


#7
Nitrobenzene-d5
Concen: 6.80 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion: 82 Resp: 66909

Ion	Ratio	Lower	Upper
82	100		
128	35.1	25.6	38.4
54	59.1	51.2	76.8



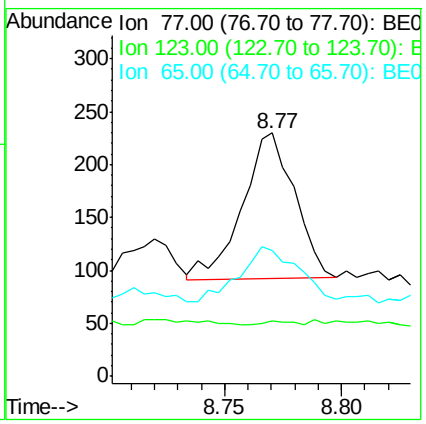


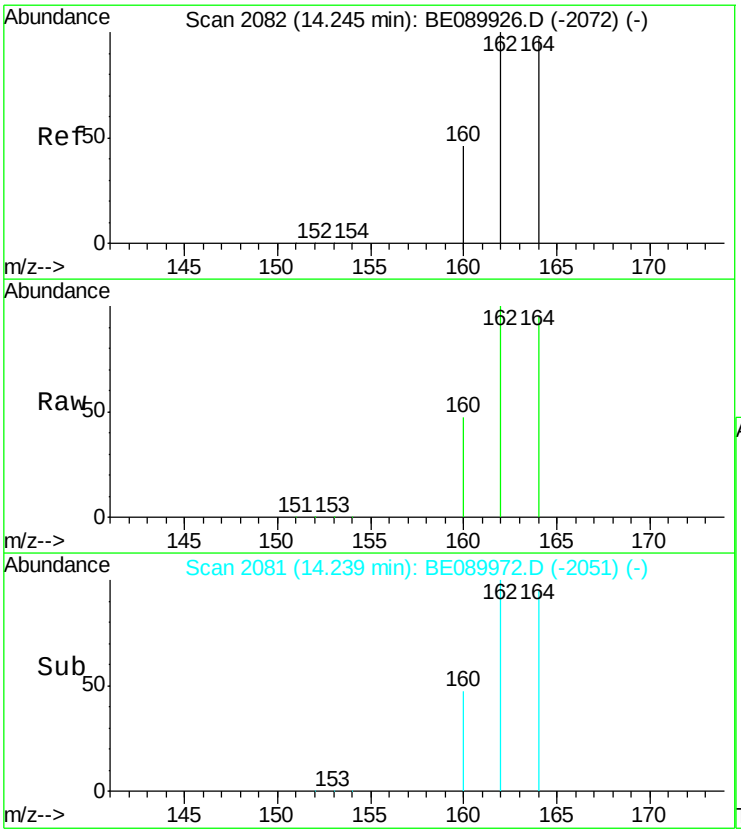
#8
Nitrobenzene
Concen: 0.02 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.04 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion: 77 Resp: 213

Ion	Ratio	Lower	Upper
77	100		
123	0.9	26.6	39.8#
65	42.7	10.2	15.4#

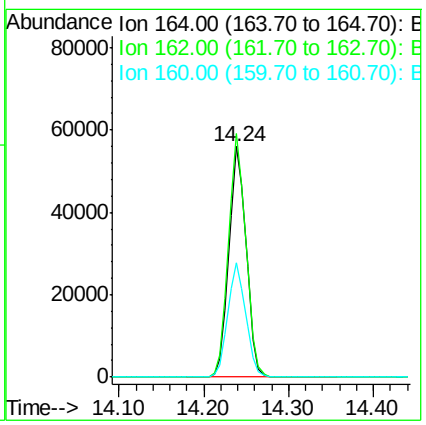


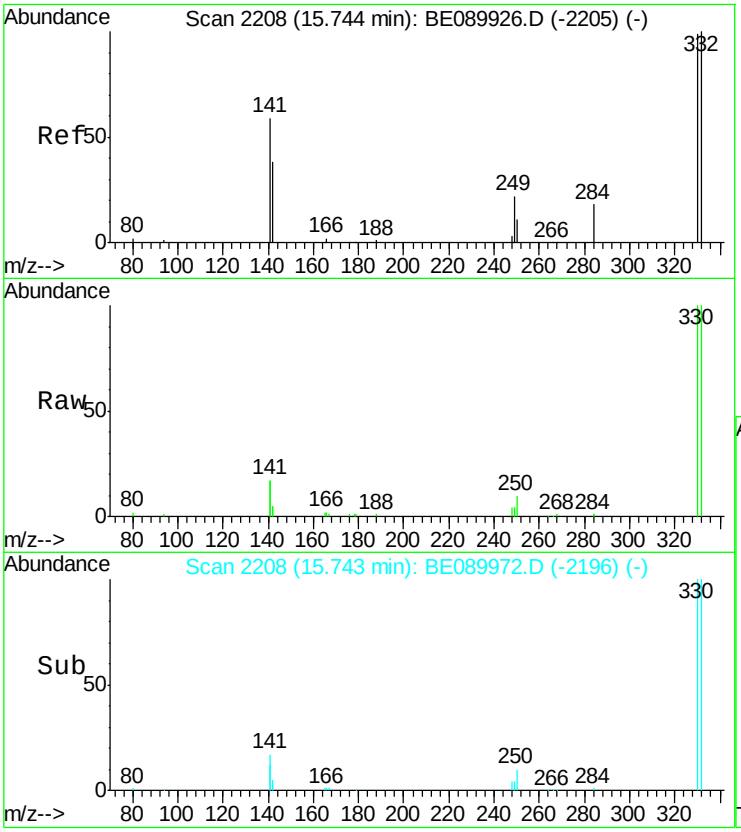


#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:164 Resp: 78933

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.7	124.1
160	49.8	38.3	57.5



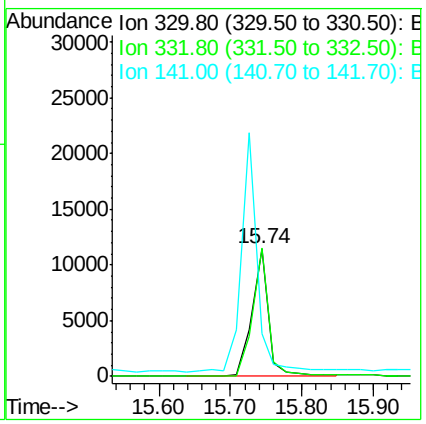


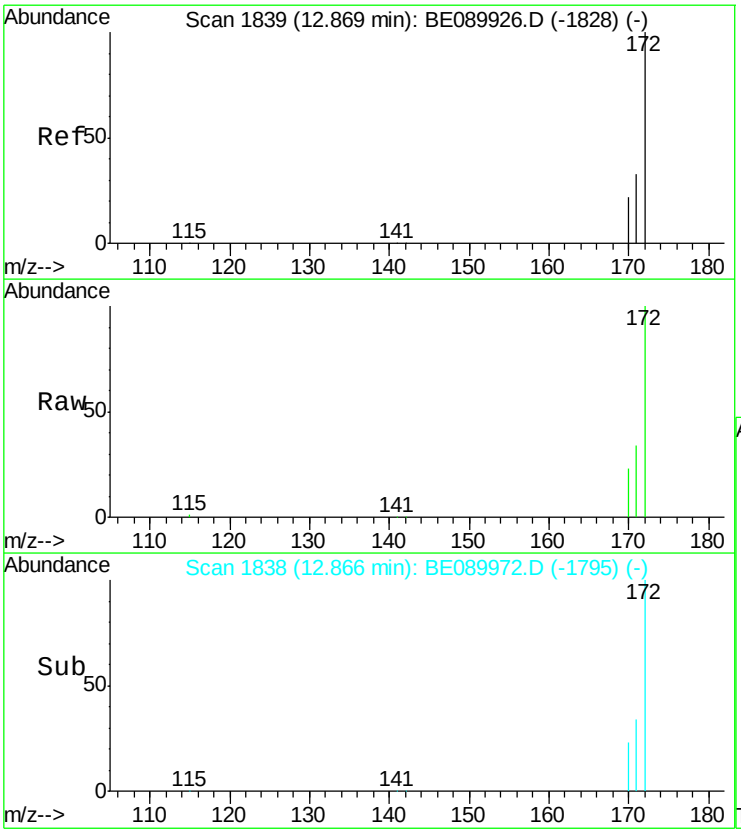
#13
2,4,6-Tribromophenol
Concen: 13.03 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:330 Resp: 18434

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.9	116.9
141	178.4	142.8	214.2

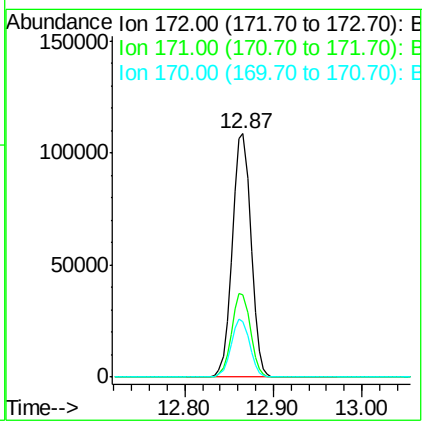


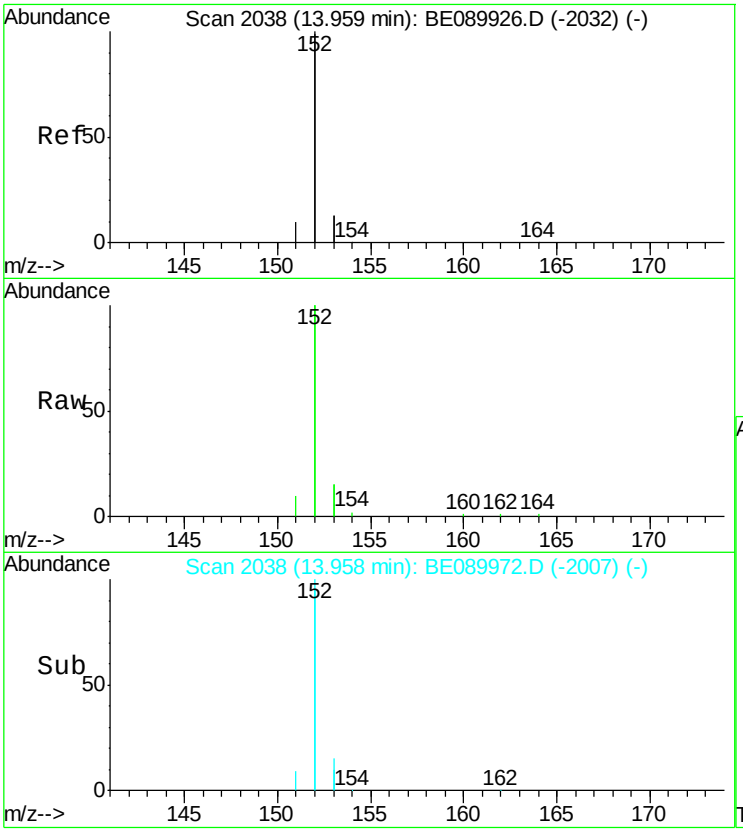


#14
2-Fluorobiphenyl
Concen: 6.87 ng
RT: 12.87 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:172 Resp: 158029

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.7	40.1
170	22.7	17.5	26.3



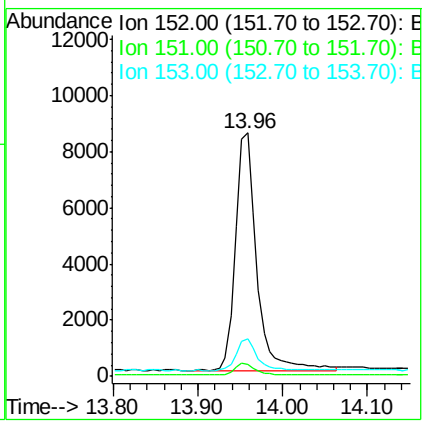


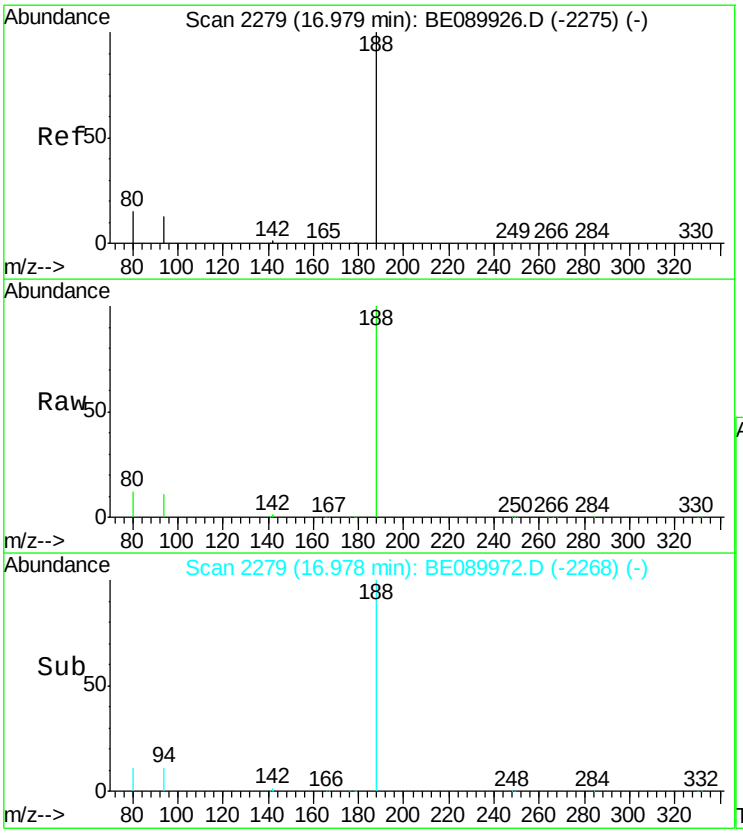
#15
Acenaphthylene
Concen: 0.11 ng
RT: 13.96 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:152 Resp: 14602

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.4	15.6

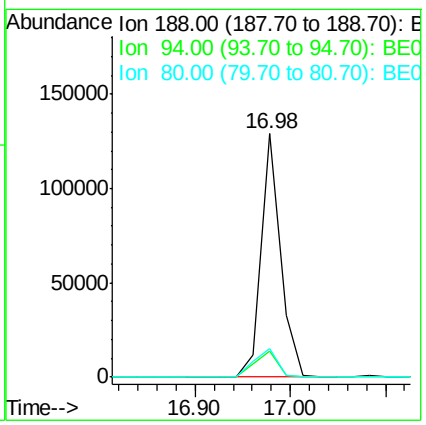


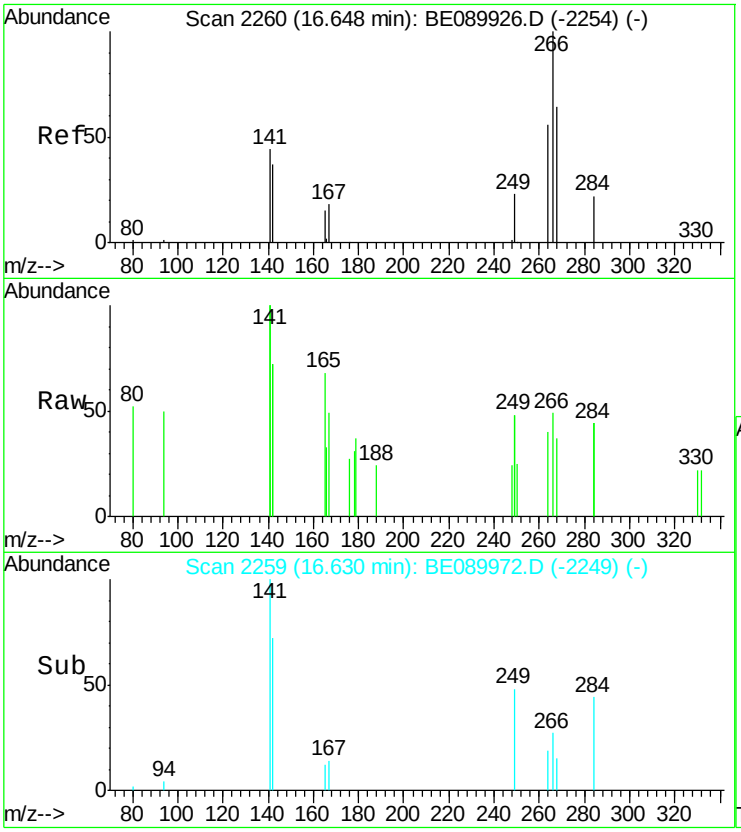


#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:188 Resp: 182793

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.6	16.0
80	11.5	11.8	17.6#



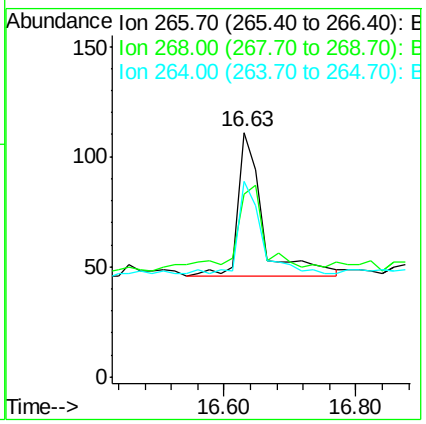


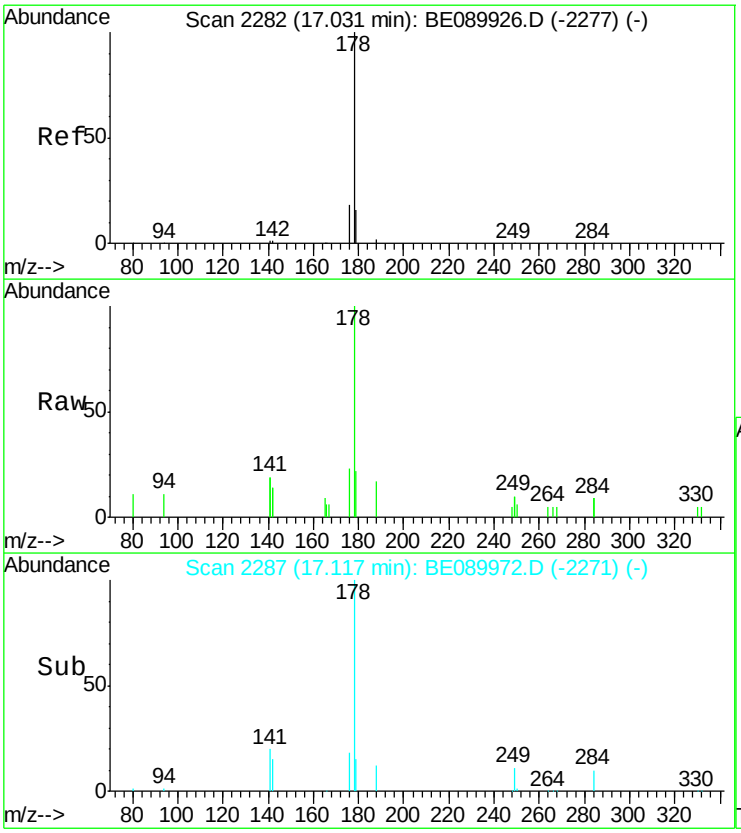
#21
Pentachlorophenol
Concen: 0.52 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:266 Resp: 167

Ion	Ratio	Lower	Upper
266	100		
268	74.8	54.4	81.6
264	80.2	48.2	72.2#

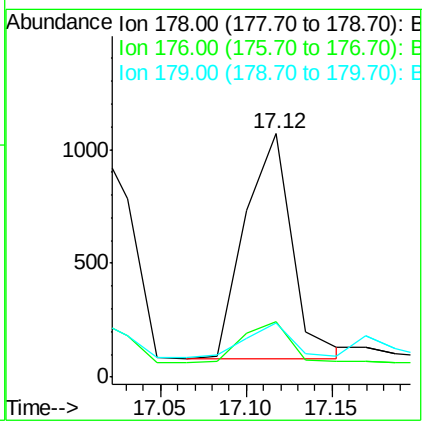


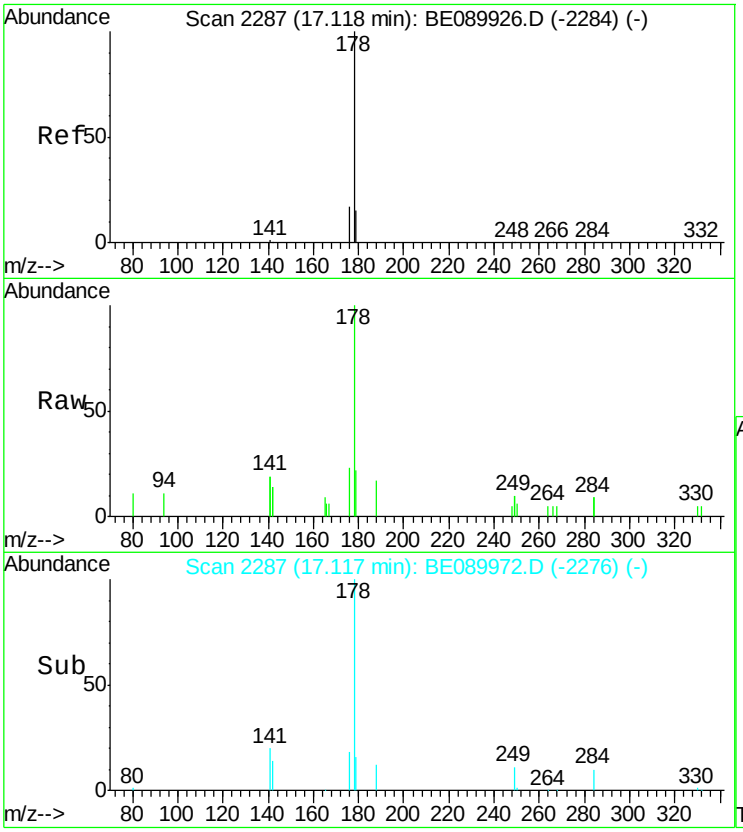


#22
Phenanthrene
Concen: 0.04 ng
RT: 17.12 min Scan# 2287
Delta R.T. 0.09 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:178 Resp: 1916

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	14.5	12.6	19.0



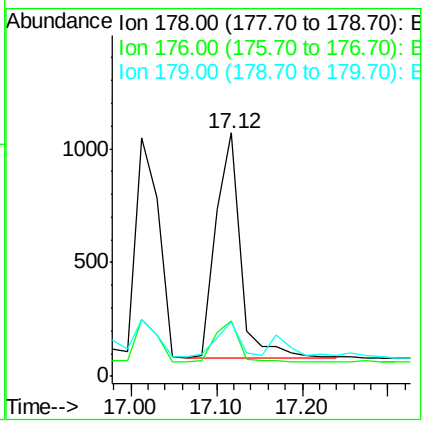


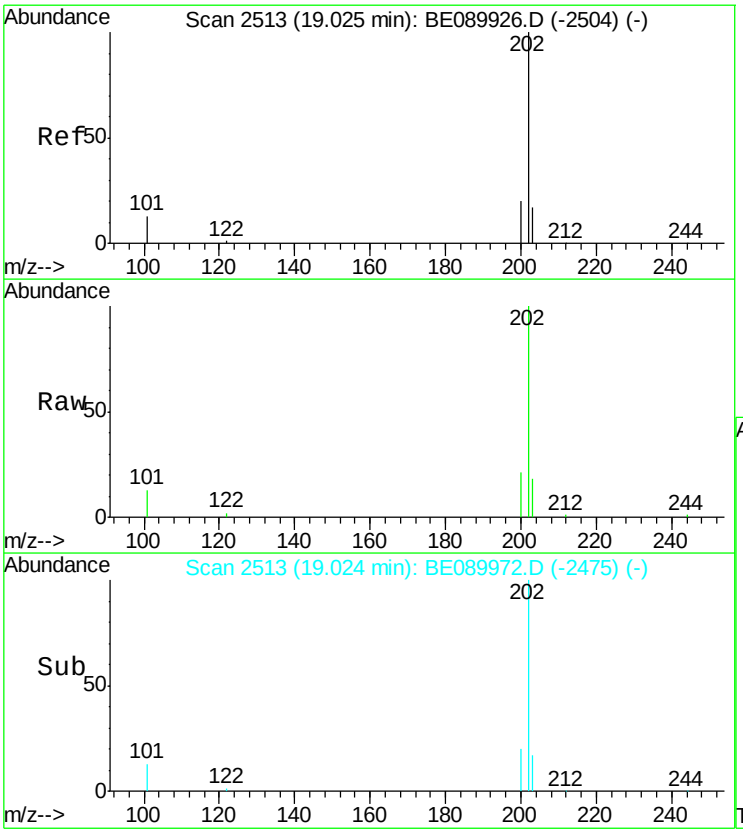
#23
Anthracene
Concen: 0.05 ng
RT: 17.12 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:178 Resp: 2027

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	13.9	12.3	18.5

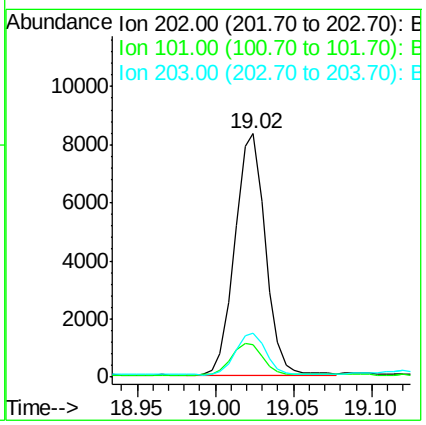


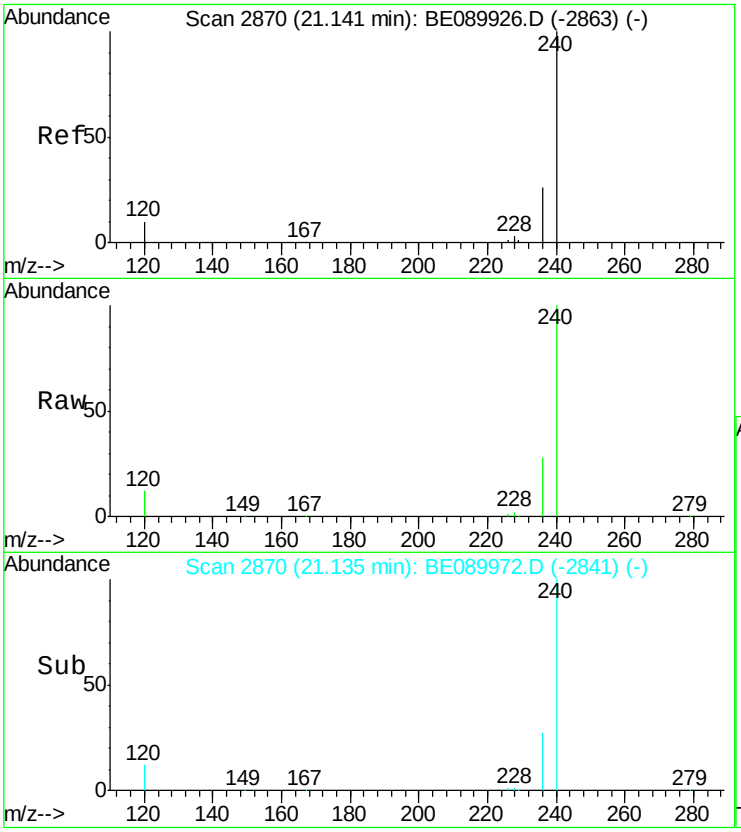


#24
Fluoranthene
Concen: 0.23 ng
RT: 19.02 min Scan# 2513
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:202 Resp: 11298

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.6	16.0
203	17.4	13.8	20.8



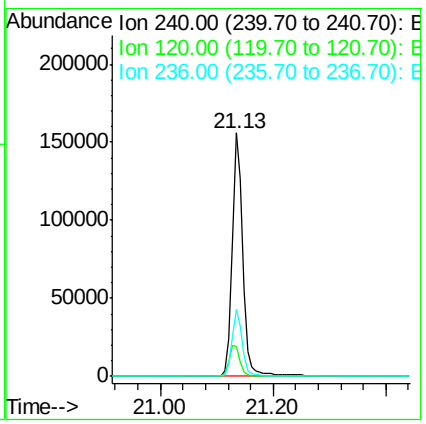


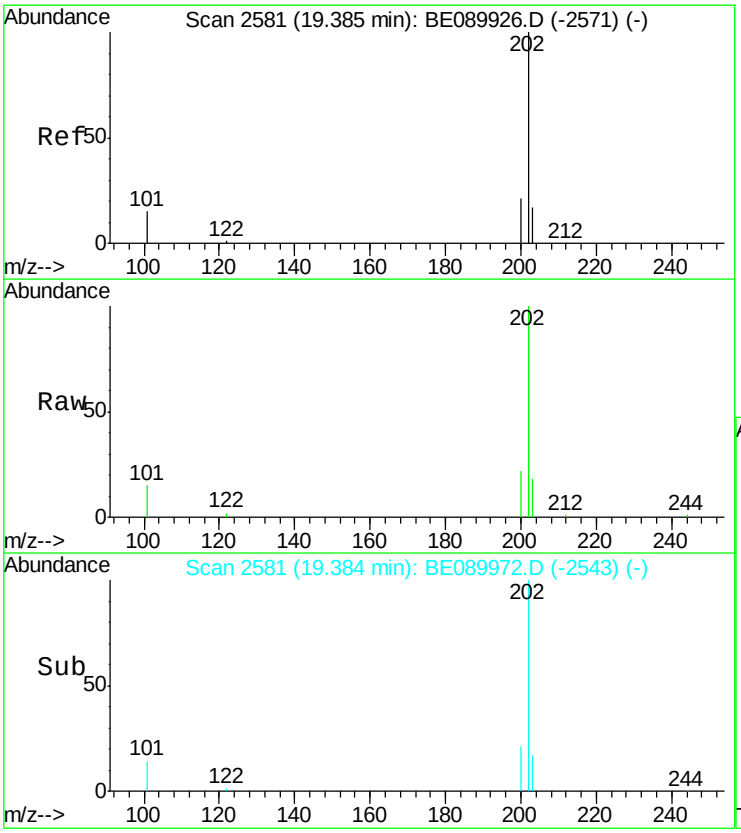
#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.13 min Scan# 2870
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:240 Resp: 202052

Ion	Ratio	Lower	Upper
240	100		
120	12.4	7.9	11.9#
236	27.5	21.2	31.8

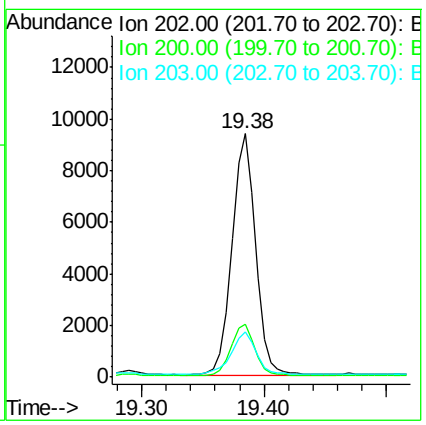


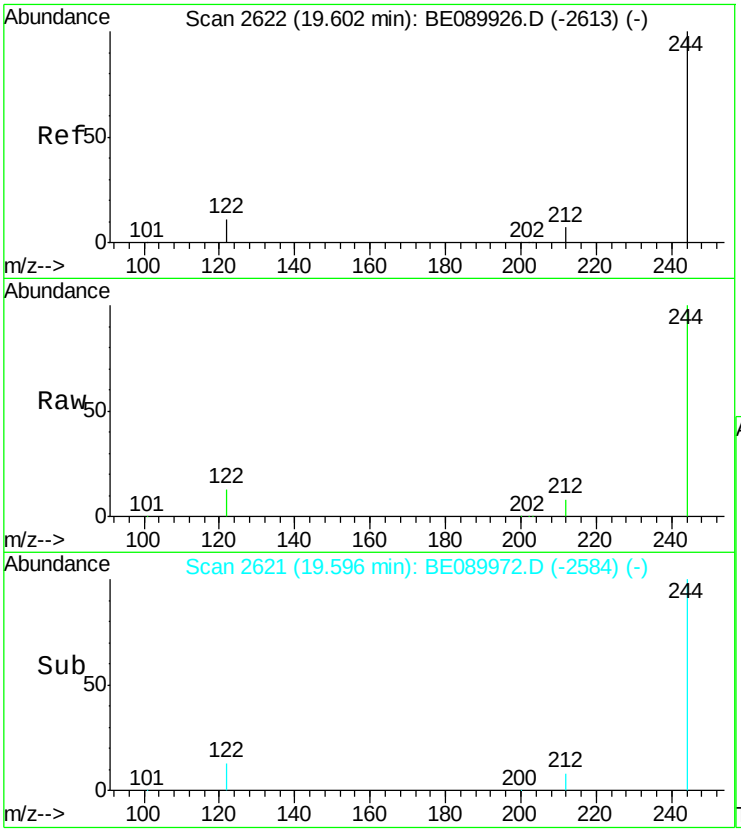


#26
Pyrene
Concen: 0.25 ng
RT: 19.38 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:202 Resp: 12675

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.6	25.0
203	19.3	13.9	20.9



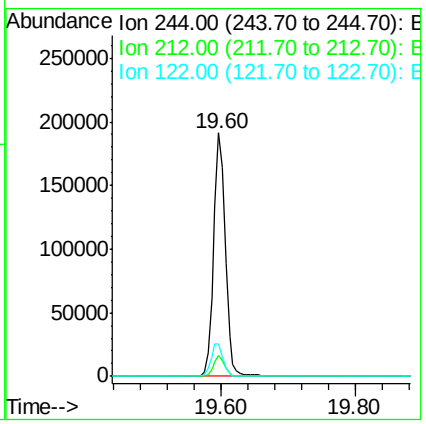


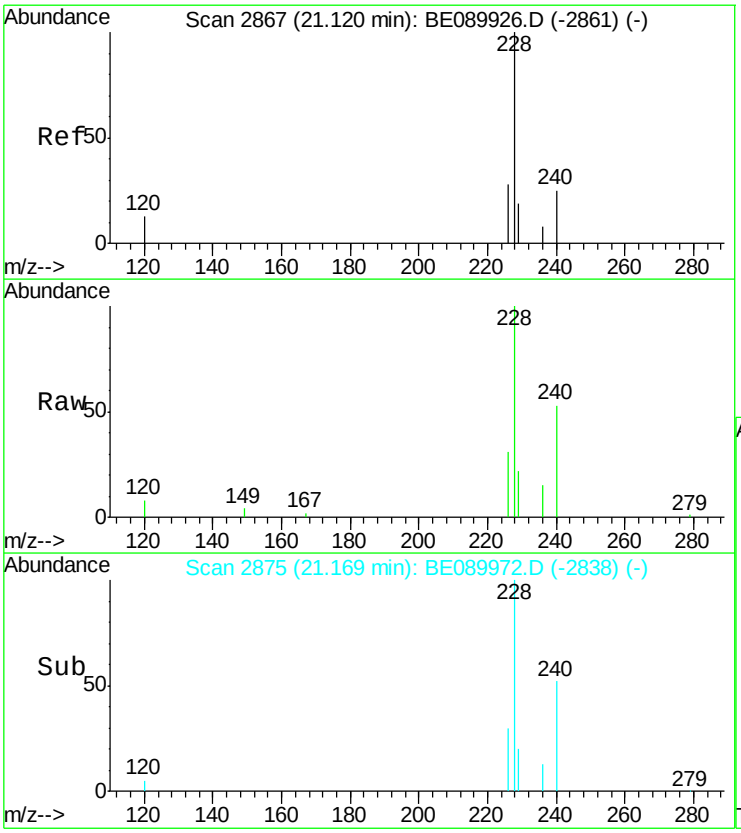
#27
Terphenyl-d14
Concen: 6.59 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:244 Resp: 229772

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.1	9.1
122	13.3	8.7	13.1#

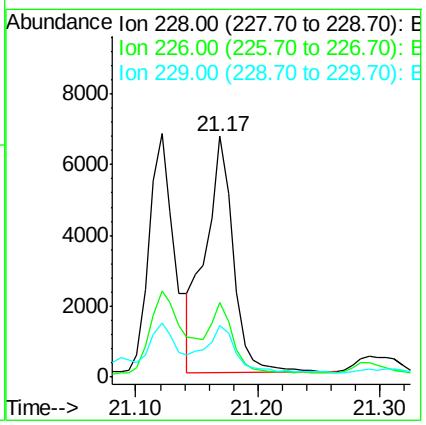


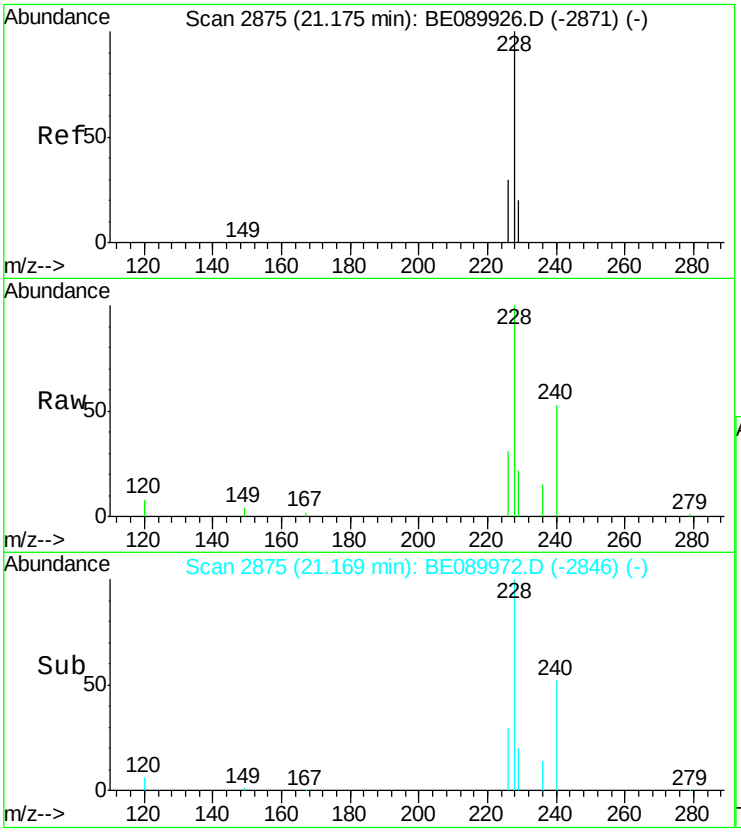


#28
Benzo(a)anthracene
Concen: 0.22 ng
RT: 21.17 min Scan# 2875
Delta R.T. 0.05 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:228 Resp: 10588

Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.2	33.4
229	21.6	15.3	22.9



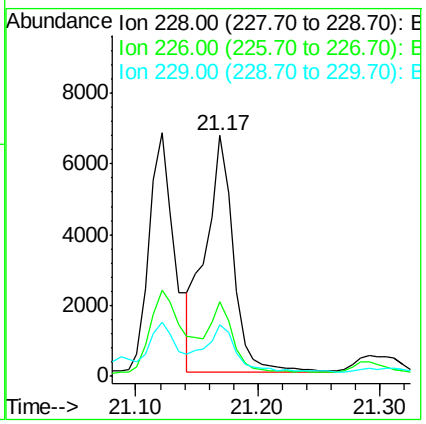


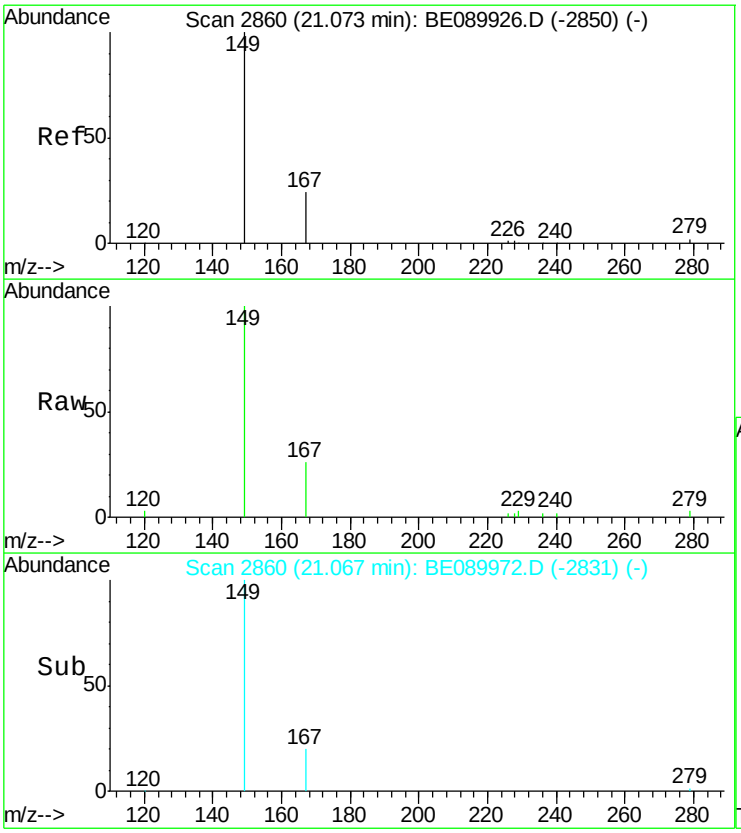
#29
Chrysene
Concen: 0.20 ng
RT: 21.17 min Scan# 2875
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:228 Resp: 10672

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.7	35.5
229	21.6	15.8	23.8

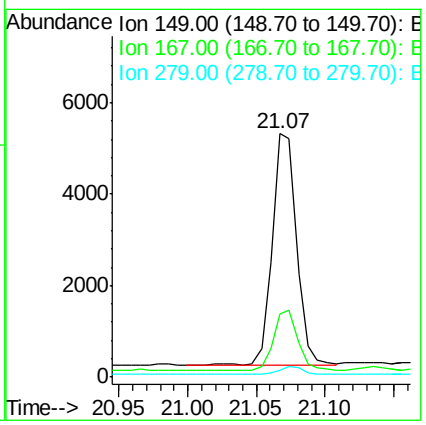


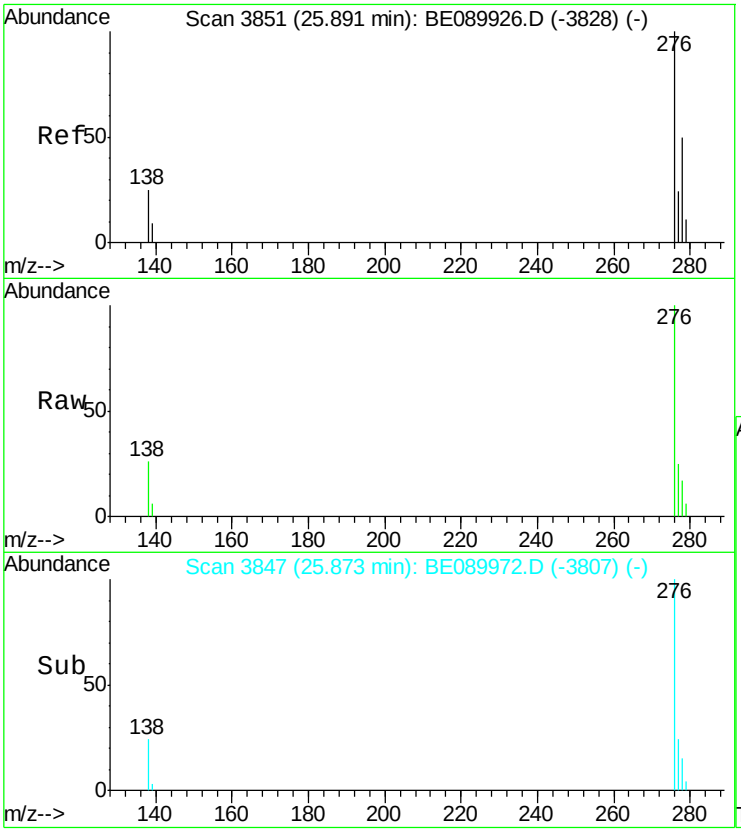


#30
Bis(2-ethylhexyl)phthalate
Concen: 1.51 ng
RT: 21.07 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:149 Resp: 6222

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.3	30.5
279	3.1	2.7	4.1



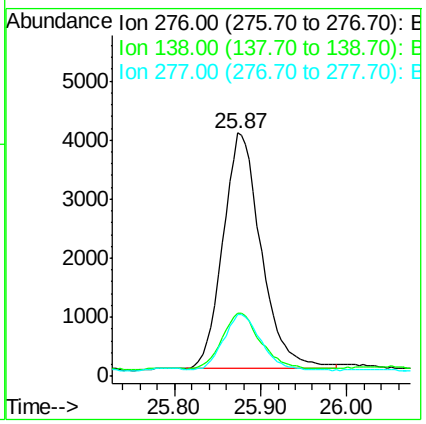


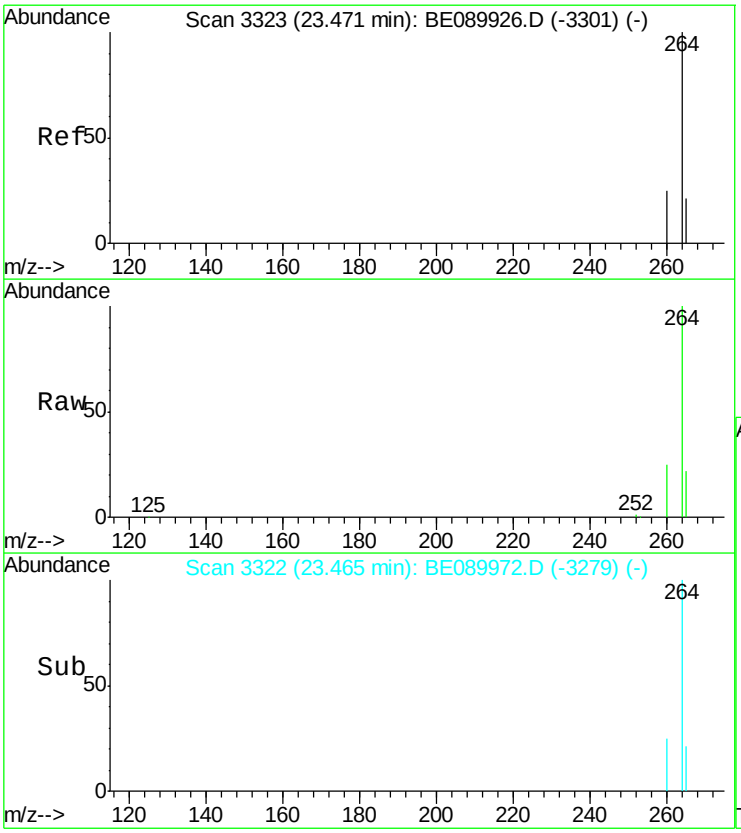
#31
Indeno(1,2,3-cd)pyrene
Concen: 0.32 ng
RT: 25.87 min Scan# 3847
Delta R.T. -0.02 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:276 Resp: 12366

Ion	Ratio	Lower	Upper
276	100		
138	23.8	0.0	0.0#
277	23.6	0.0	0.0#

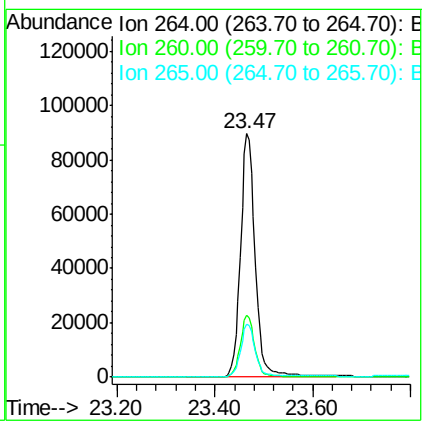


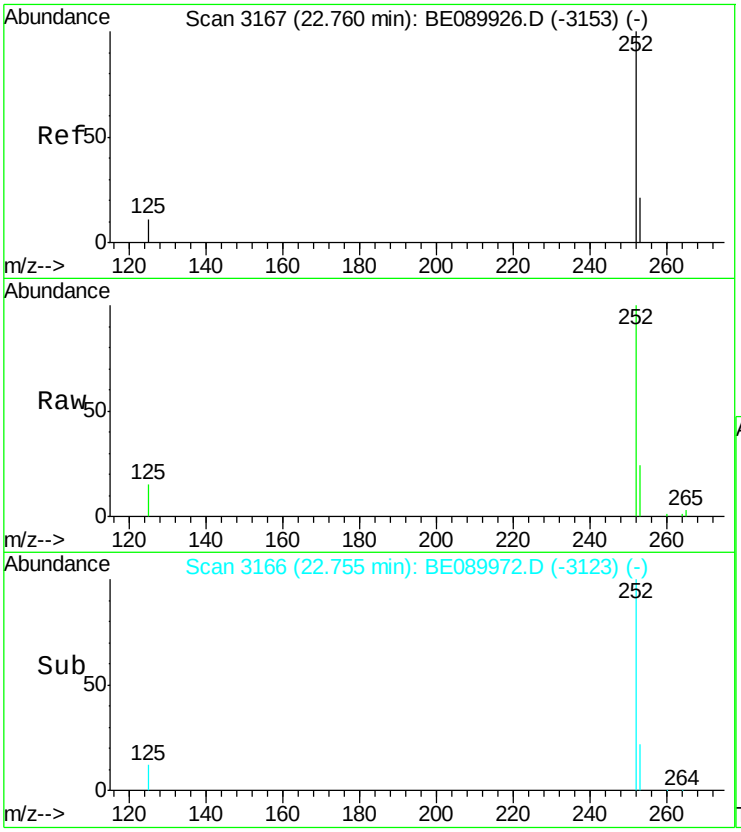


#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3322
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:264 Resp: 187507

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	21.7	17.3	25.9



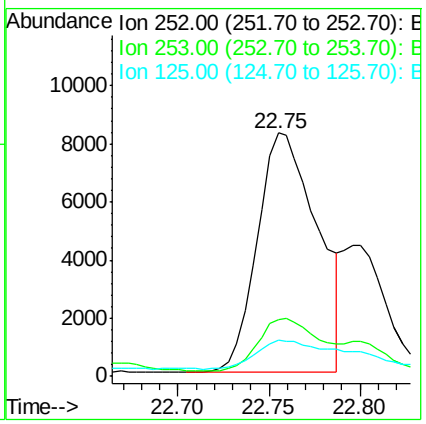


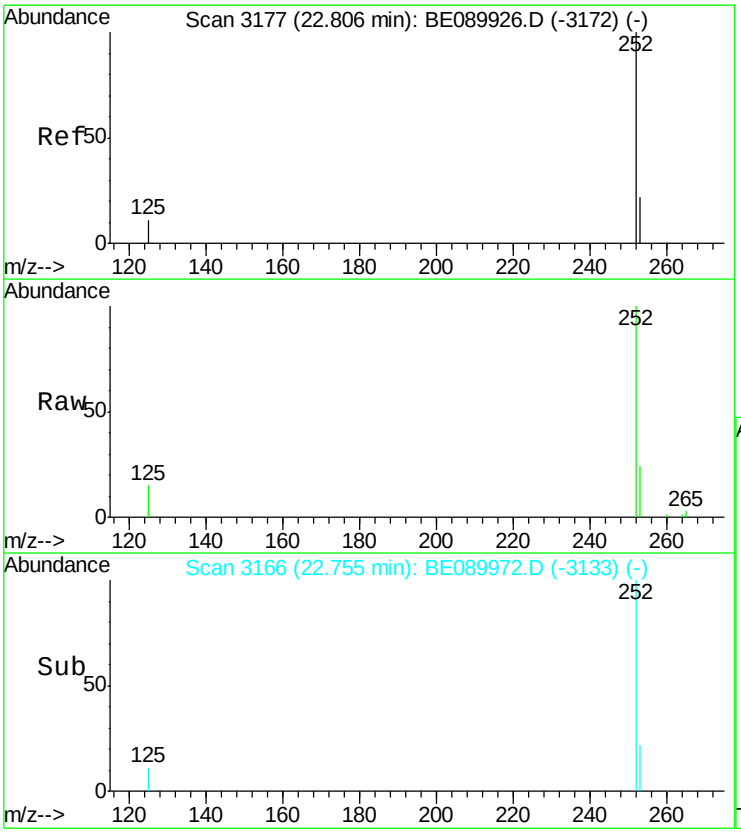
#33
Benzo(b)fluoranthene
Concen: 0.48 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:252 Resp: 19025

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	14.9	9.3	13.9#

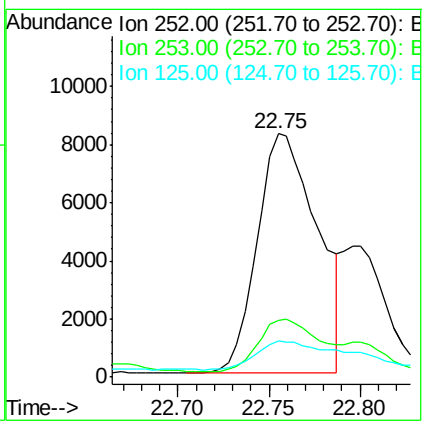


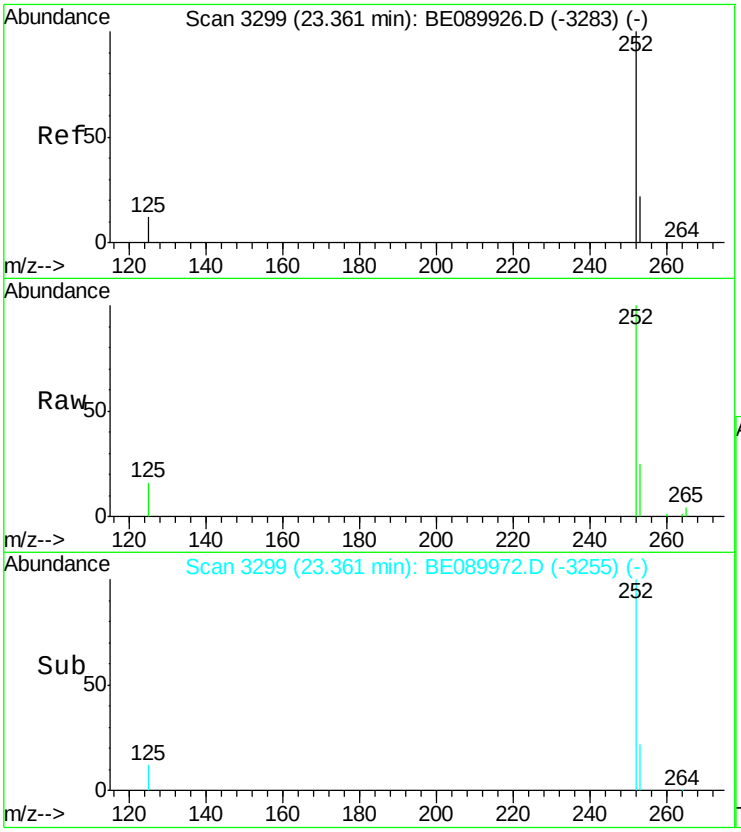


#34
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.75 min Scan# 3166
Delta R.T. -0.05 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:252 Resp: 19025

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	14.9	9.2	13.8#



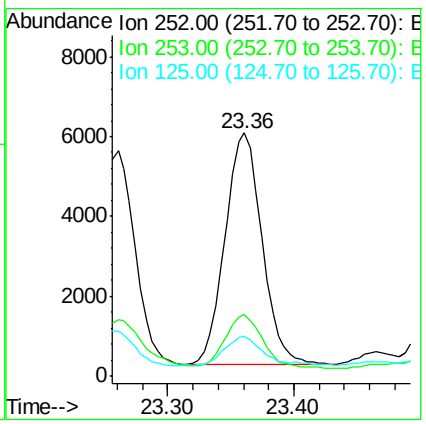


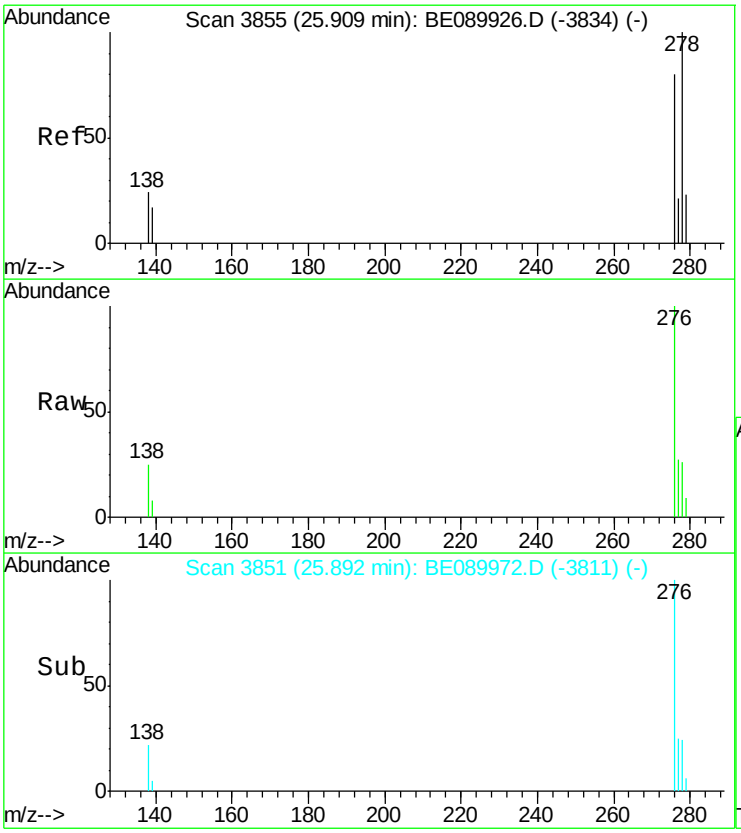
#35
Benzo(a)pyrene
Concen: 0.33 ng
RT: 23.36 min Scan# 3299
Delta R.T. -0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:252 Resp: 11770

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.8	26.6
125	16.3	10.3	15.5#

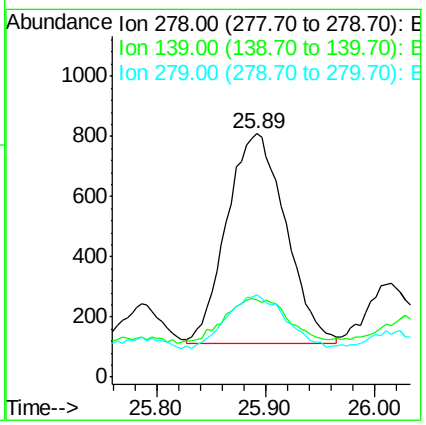


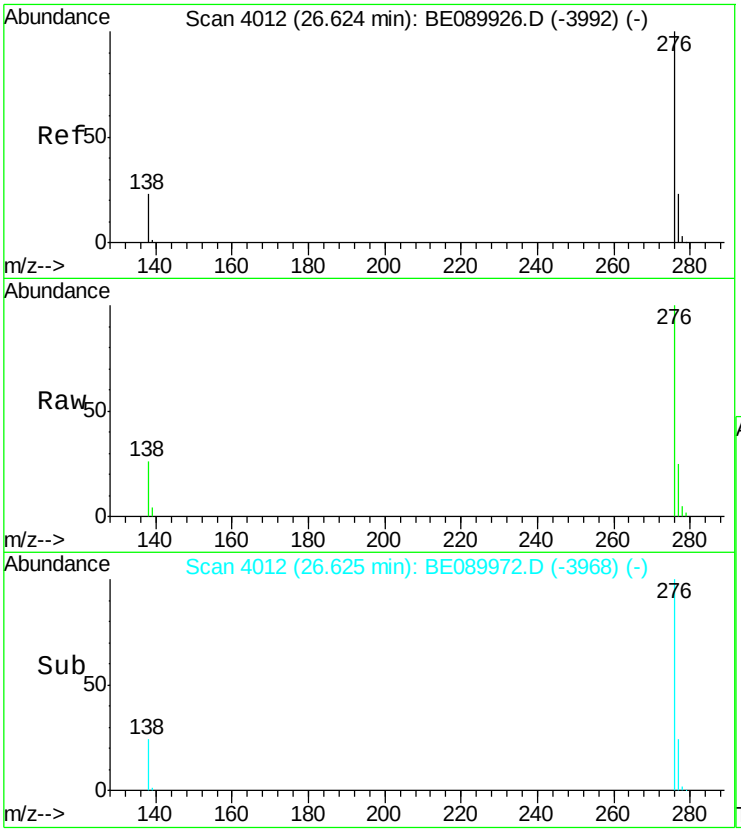


#36
Dibenzo(a,h)anthracene
Concen: 0.08 ng
RT: 25.89 min Scan# 3851
Delta R.T. -0.02 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Tgt Ion:278 Resp: 2622

Ion	Ratio	Lower	Upper
278	100		
139	32.0	14.1	21.1#
279	34.1	19.0	28.6#





#37
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 26.63 min Scan# 4012
Delta R.T. 0.00 min
Lab File: BE089972.D
Acq: 27 Jun 2015 12:20

Instrument :
BNA_E
ClientSampleId :
X3SS0190006-150624

Tgt Ion:276 Resp: 15096

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.0	28.4
138	26.1	18.8	28.2