Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089975.D
Acq On : 27 Jun 2015 14:07
Operator : TP/IZ
Sample : G2782-02 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : X3SS0240006-150624

Quant Time: Jun 29 00:56:20 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	24161	5.00	ng		0.00
6) Naphthalene-d8	10.39	136	122730	5.00	ng		0.00
12) Acenaphthene-d10	14.24	164	73450	5.00	ng		0.00
18) Phenanthrene-d10	16.98	188	169311	5.00	ng		0.00
25) Chrysene-d12	21.14	240	191533	5.00	ng		0.00
32) Perylene-d12	23.47	264	174900	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.26	112	35549	8.15	ng		0.00
5) Phenol-d6	6.81	99	61634	9.22	ng		0.00
7) Nitrobenzene-d5	8.77	82	39802	4.36	ng		0.00
13) 2,4,6-Tribromophenol	15.74	330	12741	9.76	ng		0.00
14) 2-Fluorobiphenyl	12.86	172	92913	4.34	ng		0.00
27) Terphenyl-d14	19.60	244	139308	4.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	28	Below Cal		#	71
8) Nitrobenzene	8.77	77	234	0.02	ng	#	41
9) Naphthalene	10.44	128	3588	0.13	ng	#	93
11) 2-Methylnaphthalene	12.05	142	724	0.04	ng	#	90
15) Acenaphthylene	13.96	152	4544	0.04	ng		97
16) Acenaphthene	14.30	154	2790	0.15	ng		96
17) Fluorene	15.29	166	1344	0.05	ng	#	90
21) Pentachlorophenol	16.63	266	113	0.50	ng	#	78
22) Phenanthrene	17.01	178	91367	2.15	ng		100
23) Anthracene	17.01	178	91291	2.32	ng		98
24) Fluoranthene	19.02	202	379671	8.24	ng		99
26) Pyrene	19.38	202	367061	7.57	ng	#	96
28) Benzo(a)anthracene	21.12	228	258254	5.64	ng		98
29) Chrysene	21.17	228	301314	6.02	ng		97
30) Bis(2-ethylhexyl)phthalate	21.07	149	9041	2.32	ng	#	54
31) Indeno(1,2,3-cd)pyrene	25.88	276	164530	4.47	ng	#	100
33) Benzo(b)fluoranthene	22.76	252	372285	10.06	ng		97
34) Benzo(k)fluoranthene	22.76	252	372285	8.88	ng		98
35) Benzo(a)pyrene	23.37	252	245906	7.48	ng		99
36) Dibenzo(a,h)anthracene	25.89	278	40937	1.34	ng		98
37) Benzo(g,h,i)perylene	26.62	276	168136	5.11	ng		99

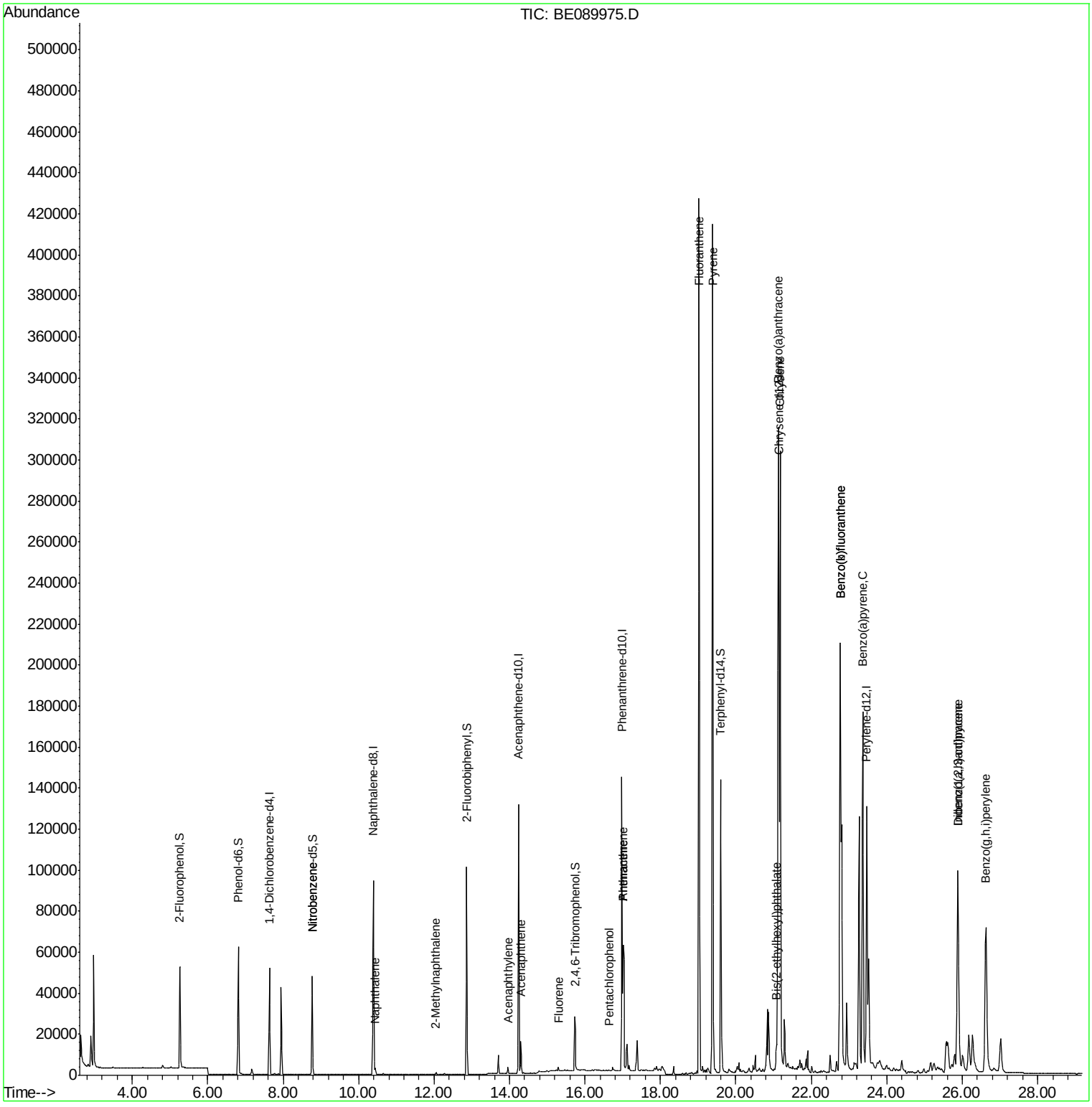
(#) = qualifier out of range (m) = manual integration (+) = signals summed

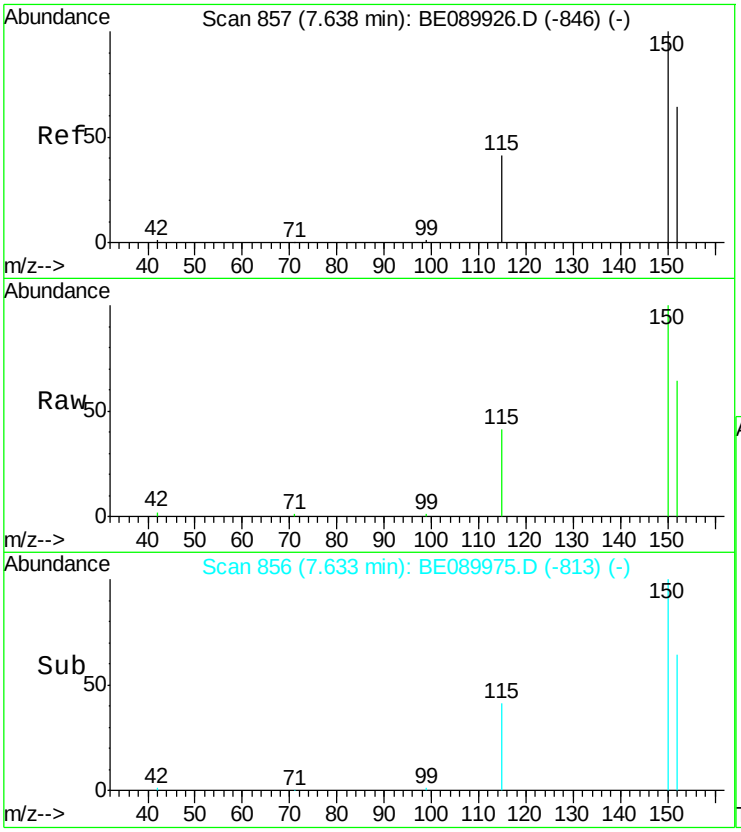
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE062615\
Data File : BE089975.D
Acq On : 27 Jun 2015 14:07
Operator : TP/IZ
Sample : G2782-02 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Quant Time: Jun 29 00:56:20 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



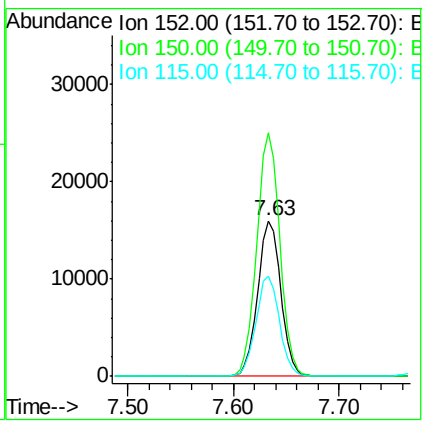


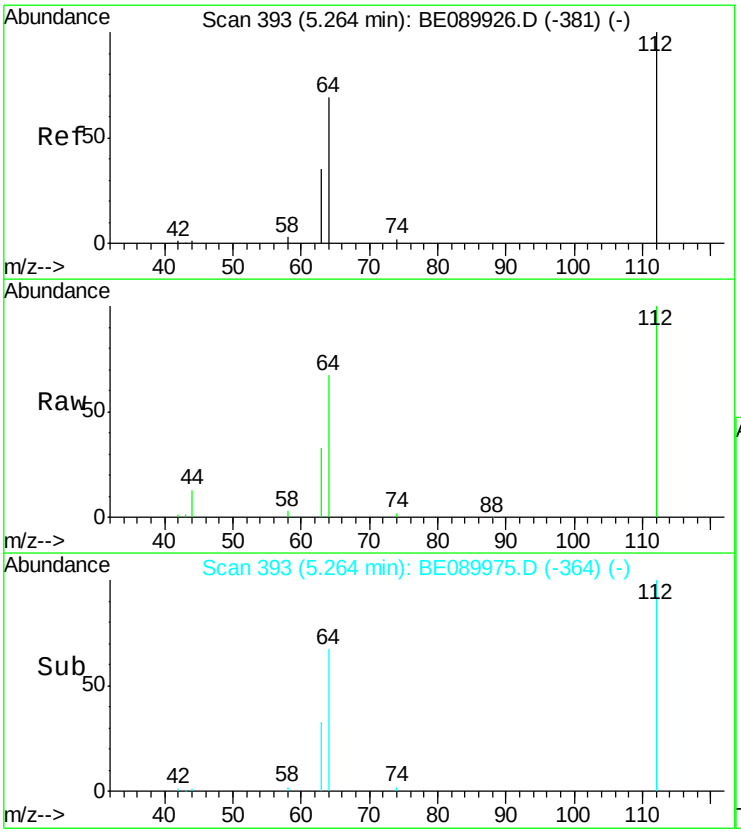
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.63 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:152 Resp: 24161

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

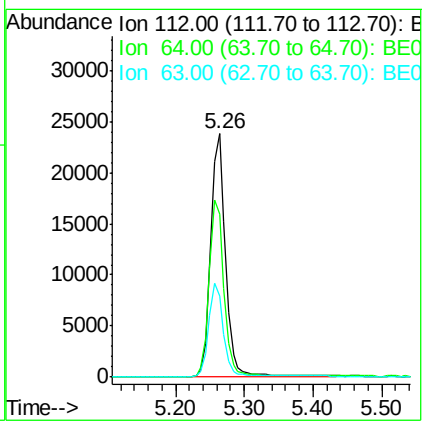


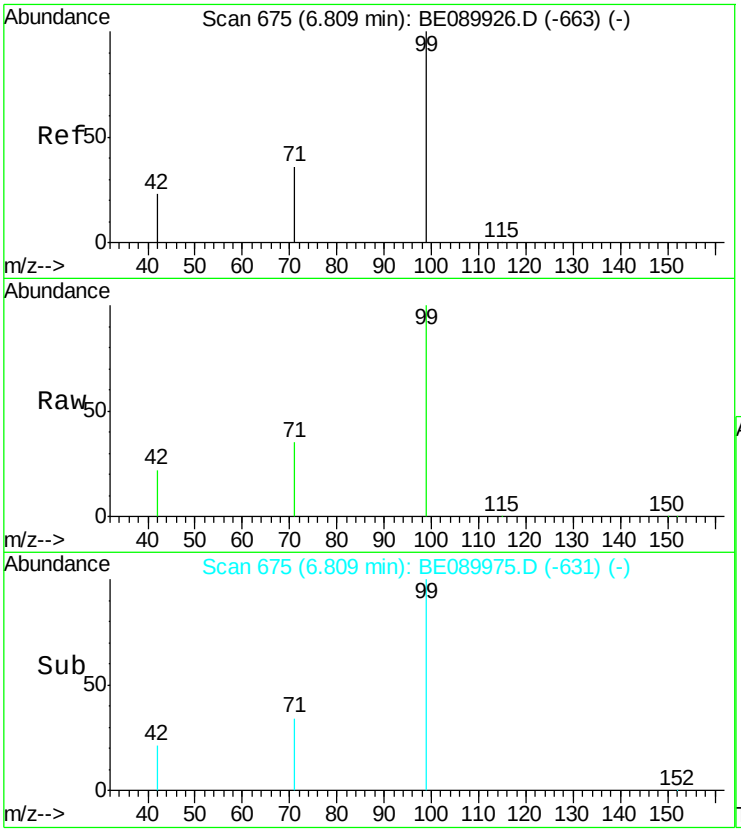


#4
2-Fluorophenol
Concen: 8.15 ng
RT: 5.26 min Scan# 393
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:112 Resp: 35549

Ion	Ratio	Lower	Upper
112	100		
64	73.5	57.4	86.2
63	38.1	31.2	46.8



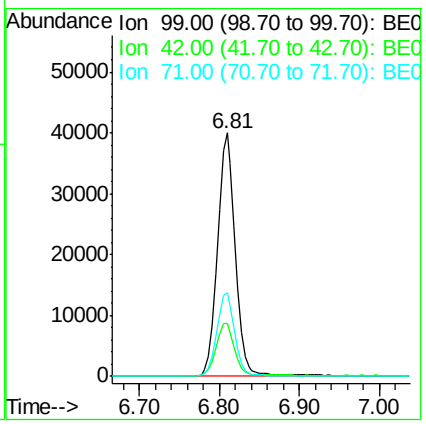


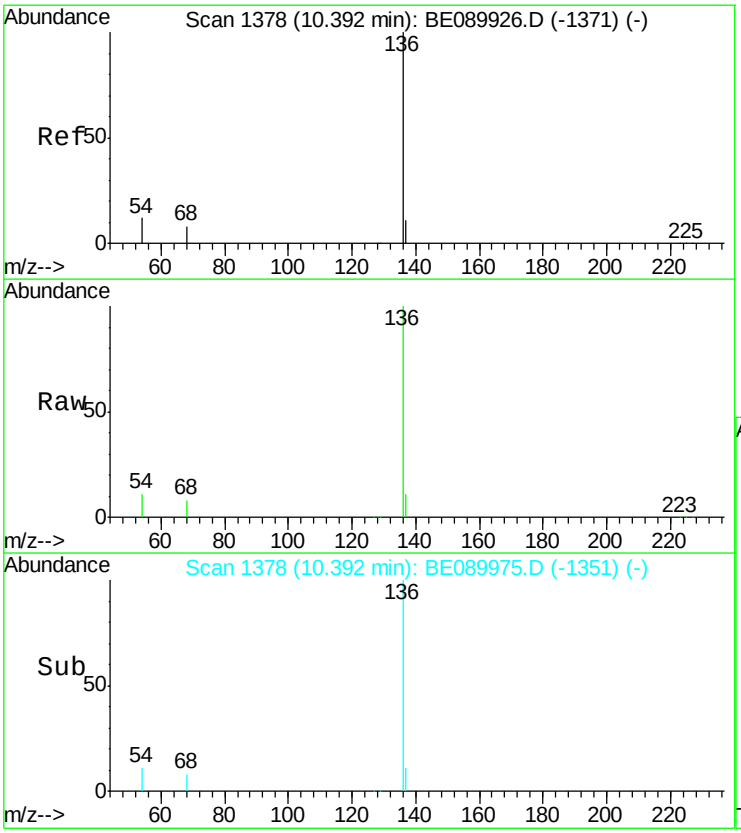
#5
Phenol-d6
Concen: 9.22 ng
RT: 6.81 min Scan# 675
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion: 99 Resp: 61634

Ion	Ratio	Lower	Upper
99	100		
42	22.1	19.5	29.3
71	34.7	27.8	41.6

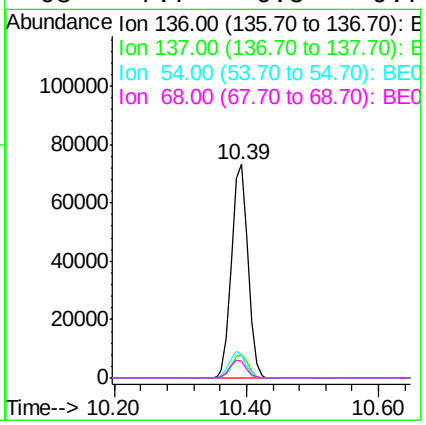


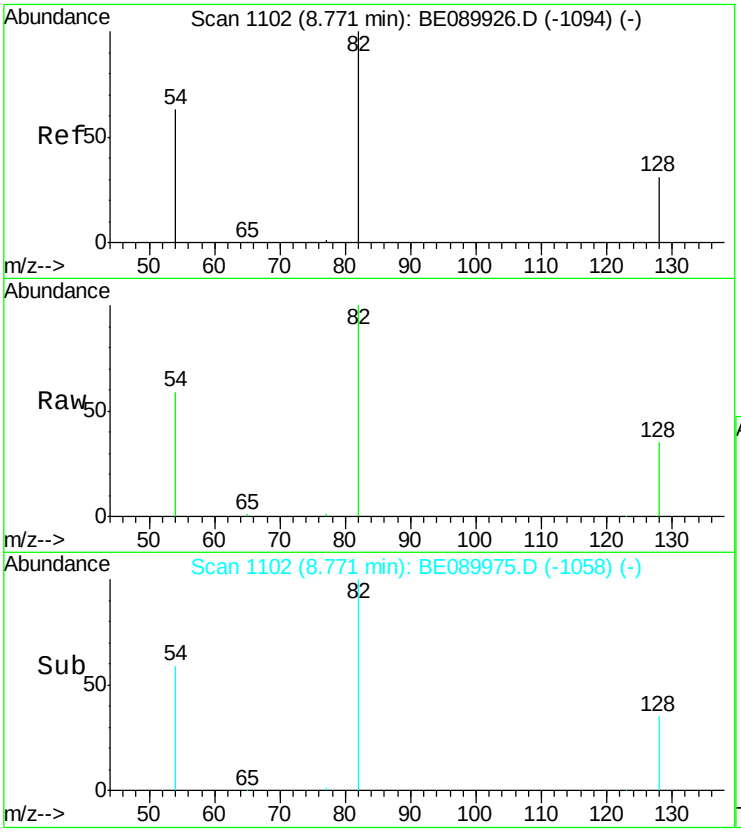


#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.39 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:136 Resp: 122730

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.7	9.7	14.5
68	7.7	6.5	9.7



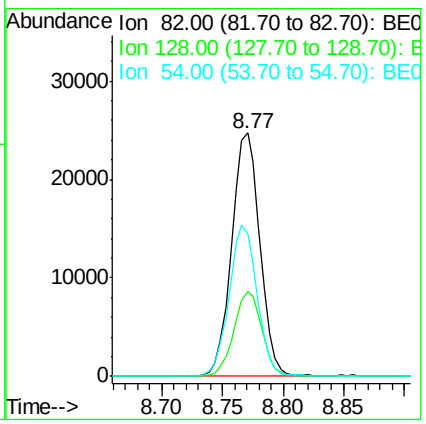


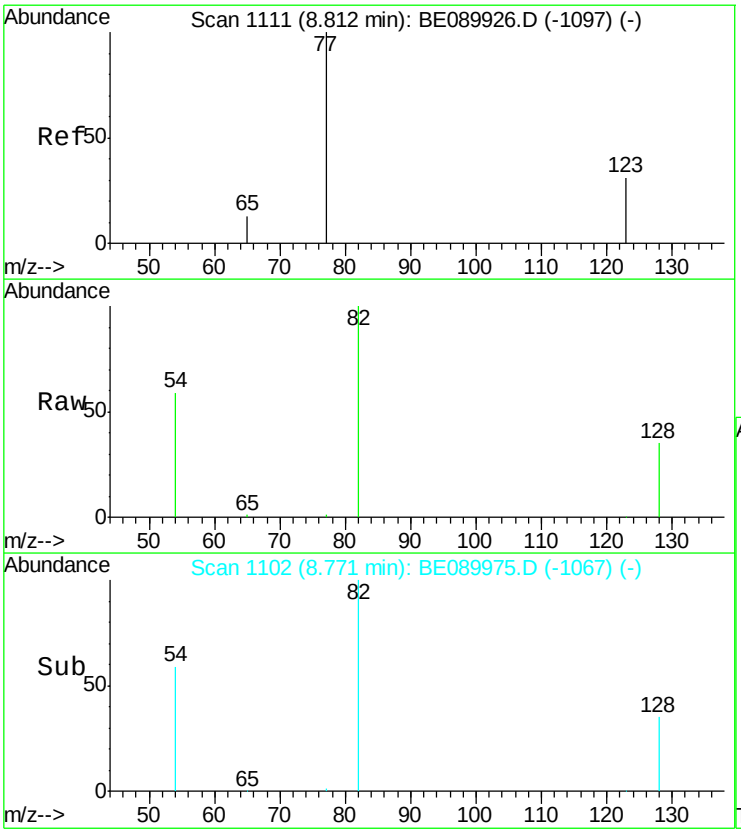
#7
Nitrobenzene-d5
Concen: 4.36 ng
RT: 8.77 min Scan# 1102
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion: 82 Resp: 39802

Ion	Ratio	Lower	Upper
82	100		
128	35.0	25.6	38.4
54	58.7	51.2	76.8

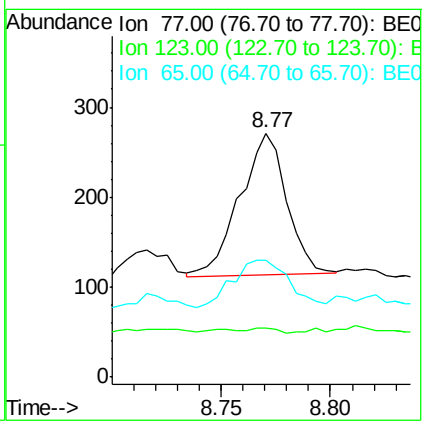


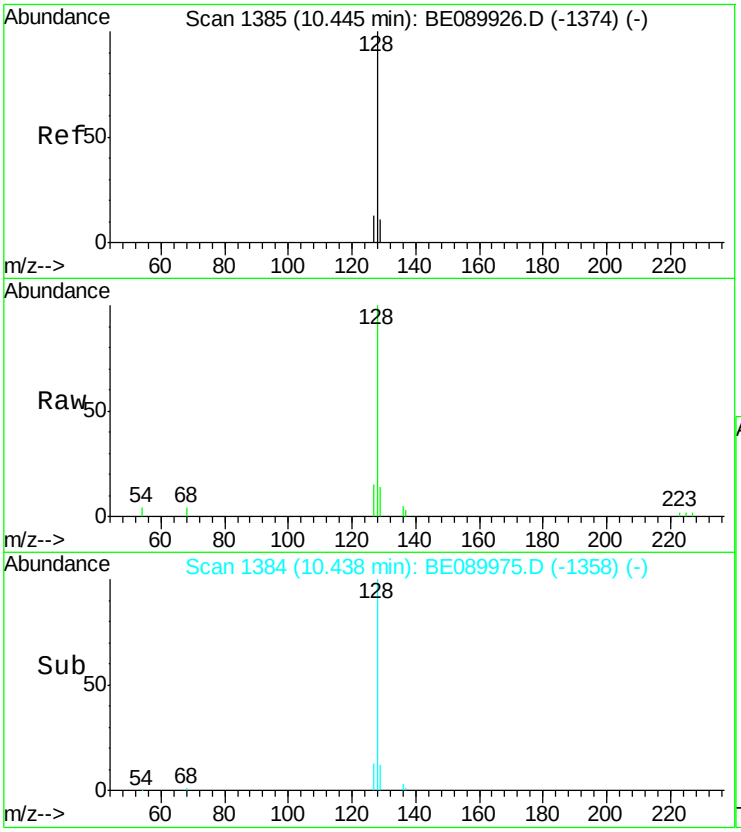


#8
Nitrobenzene
Concen: 0.02 ng
RT: 8.77 min Scan# 1102
Delta R.T. -0.04 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion: 77 Resp: 234

Ion	Ratio	Lower	Upper
77	100		
123	1.7	26.6	39.8#
65	39.7	10.2	15.4#



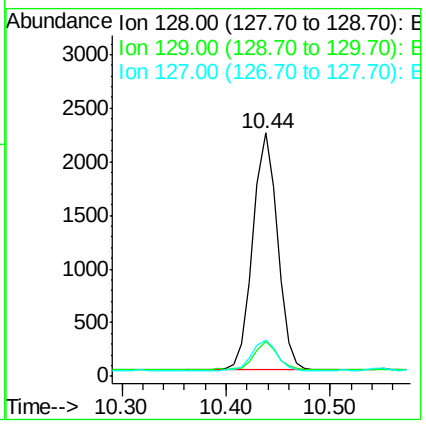


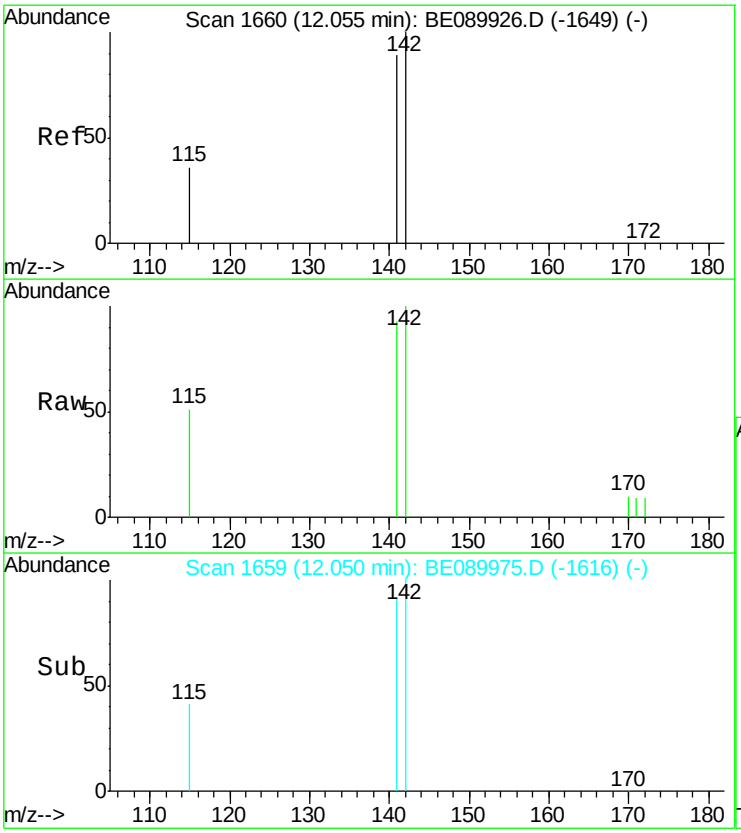
#9
Naphthalene
Concen: 0.13 ng
RT: 10.44 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:128 Resp: 3588

Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.9	13.3#
127	15.1	10.2	15.4

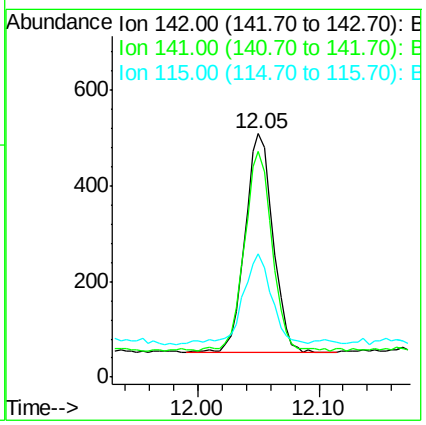


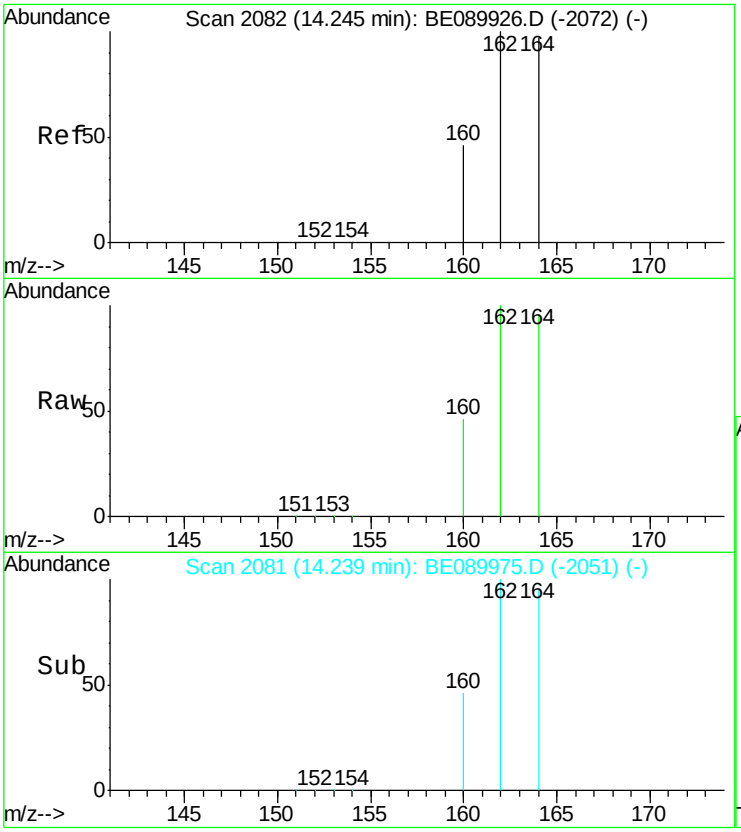


#11
2-Methylnaphthalene
Concen: 0.04 ng
RT: 12.05 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:142 Resp: 724

Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.1	106.7
115	50.9	29.1	43.7#



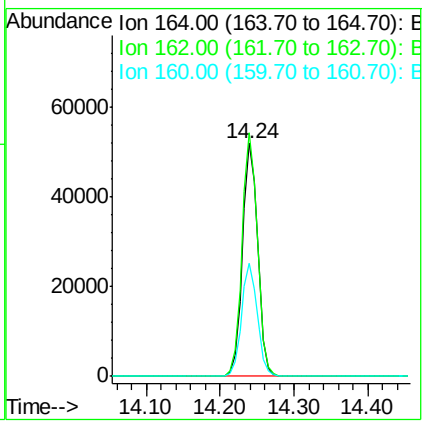


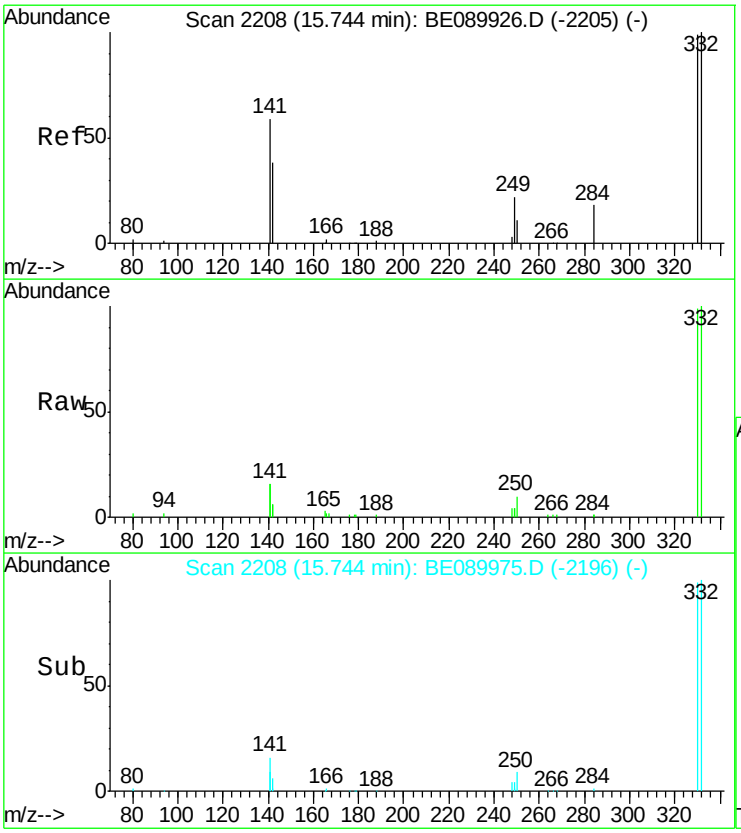
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.24 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:164 Resp: 73450

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.7	124.1
160	48.6	38.3	57.5

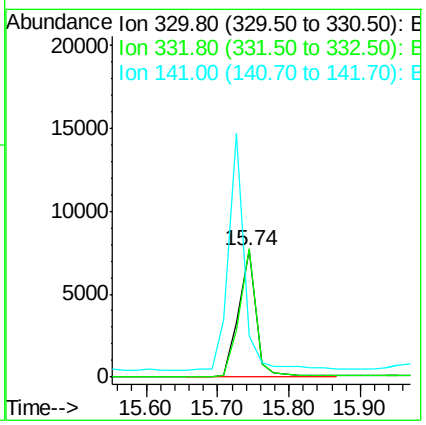


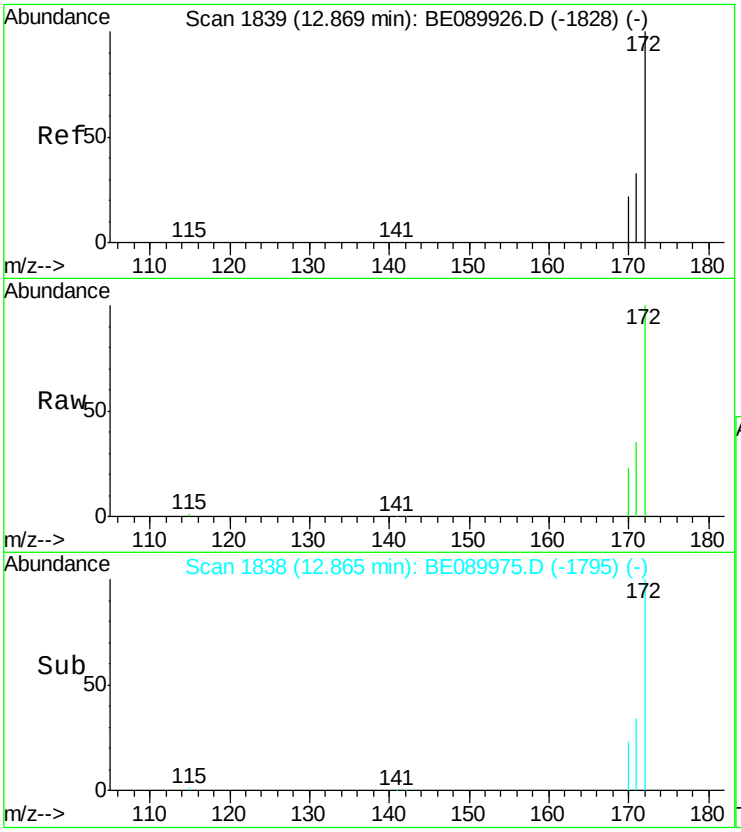


#13
2,4,6-Tribromophenol
Concen: 9.76 ng
RT: 15.74 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:330 Resp: 12741

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.9	116.9
141	171.3	142.8	214.2



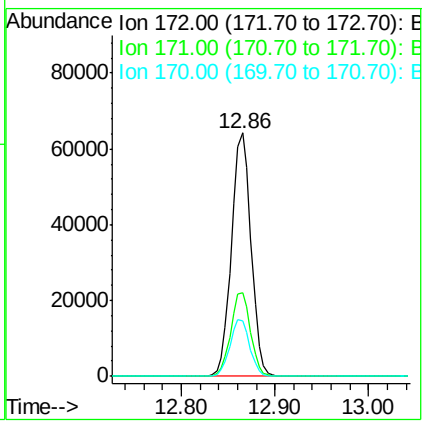


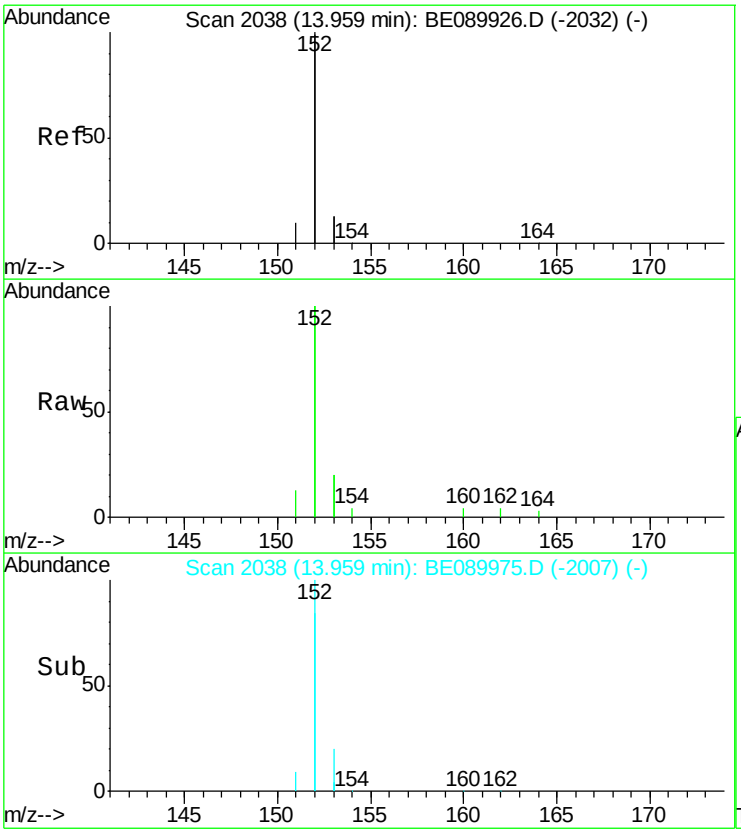
#14
2-Fluorobiphenyl
Concen: 4.34 ng
RT: 12.86 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:172 Resp: 92913

Ion	Ratio	Lower	Upper
172	100		
171	34.6	26.7	40.1
170	23.0	17.5	26.3

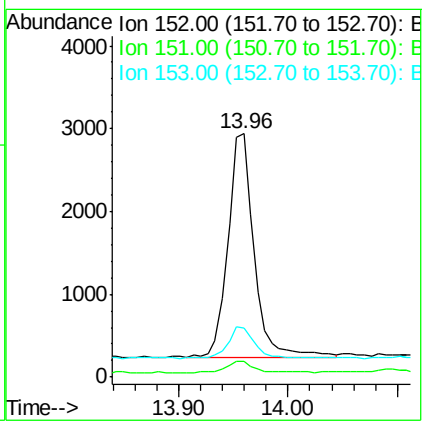


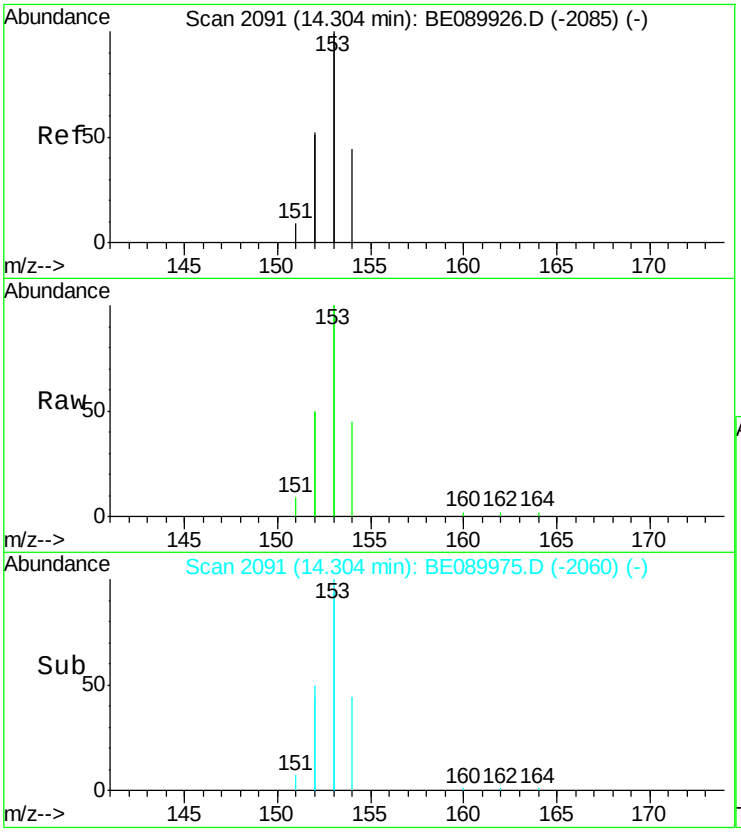


#15
Acenaphthylene
Concen: 0.04 ng
RT: 13.96 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:152 Resp: 4544

Ion	Ratio	Lower	Upper
152	100		
151	5.1	3.9	5.9
153	14.7	10.4	15.6



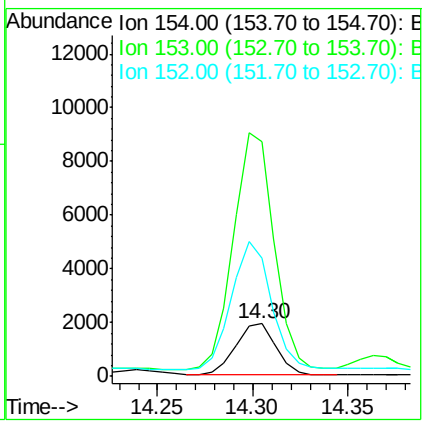


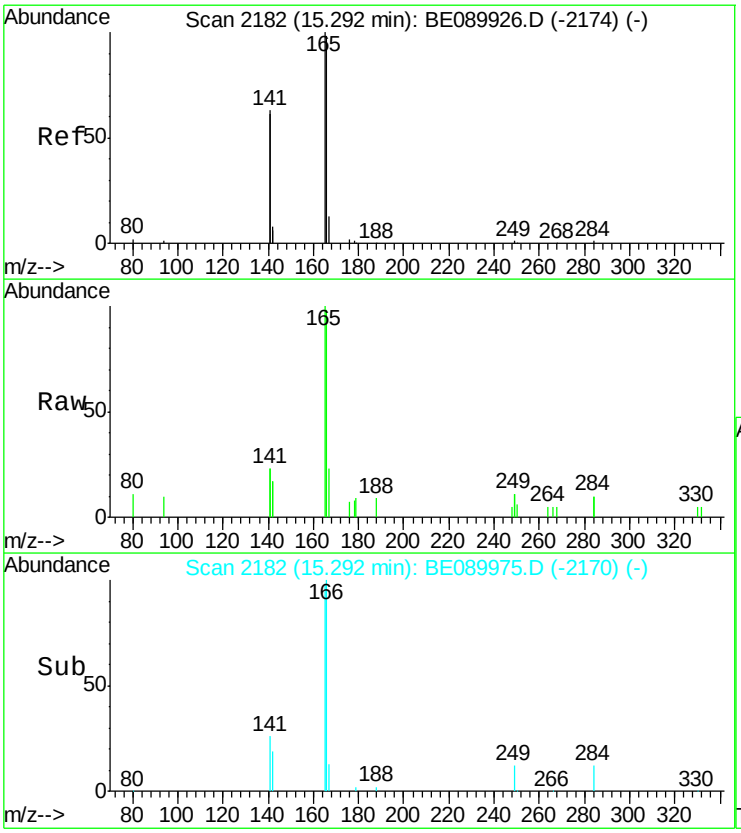
#16
Acenaphthene
Concen: 0.15 ng
RT: 14.30 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:154 Resp: 2790

Ion	Ratio	Lower	Upper
154	100		
153	464.9	362.8	544.2
152	248.7	194.6	291.8

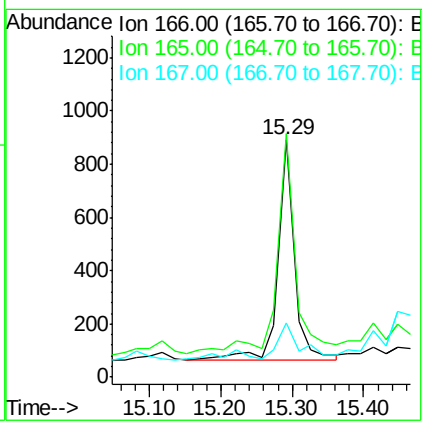


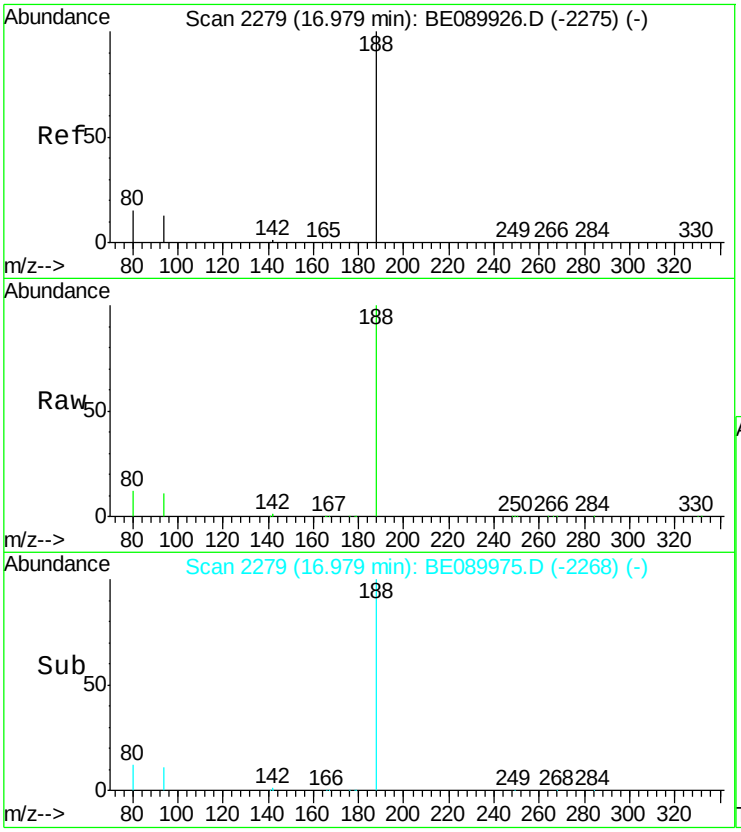


#17
Fluorene
Concen: 0.05 ng
RT: 15.29 min Scan# 2182
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:166 Resp: 1344

Ion	Ratio	Lower	Upper
166	100		
165	110.3	81.1	121.7
167	21.2	11.8	17.8#



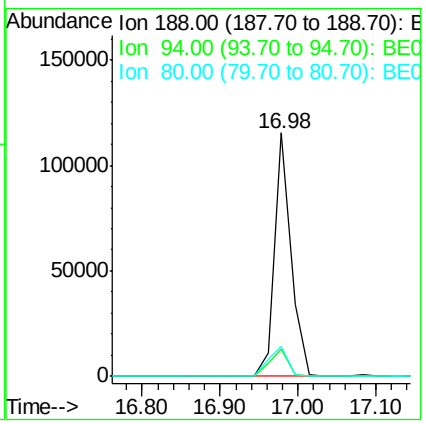


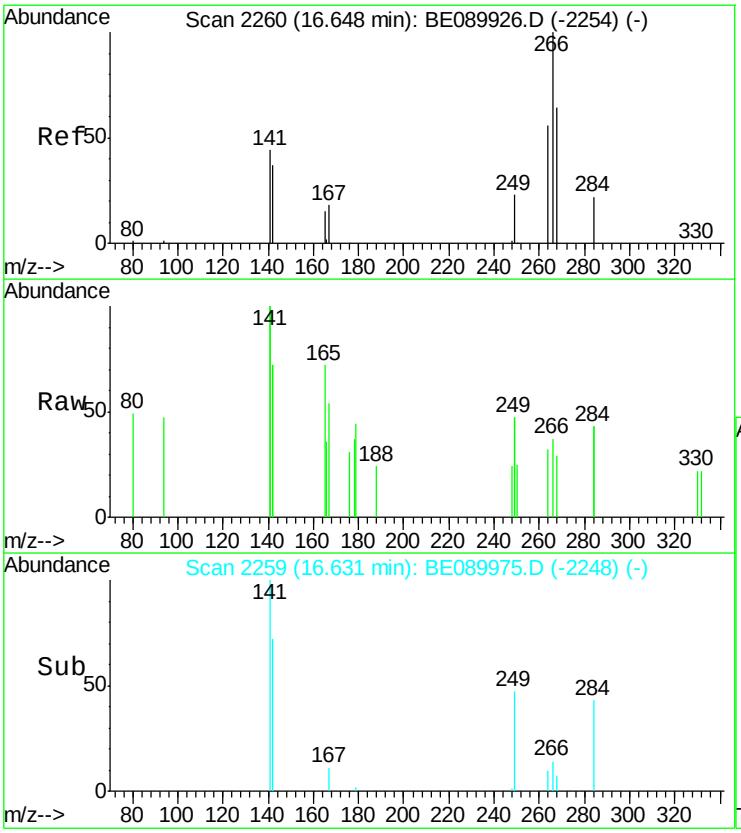
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.98 min Scan# 2279
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:188 Resp: 169311

Ion	Ratio	Lower	Upper
188	100		
94	11.0	10.6	16.0
80	12.2	11.8	17.6

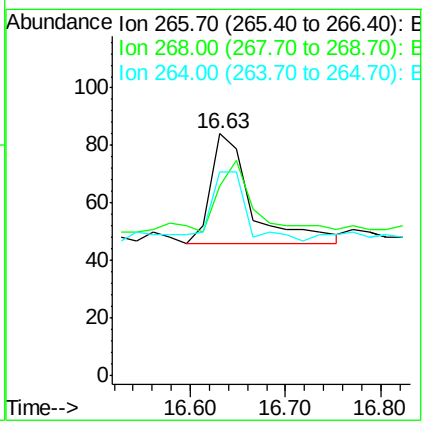


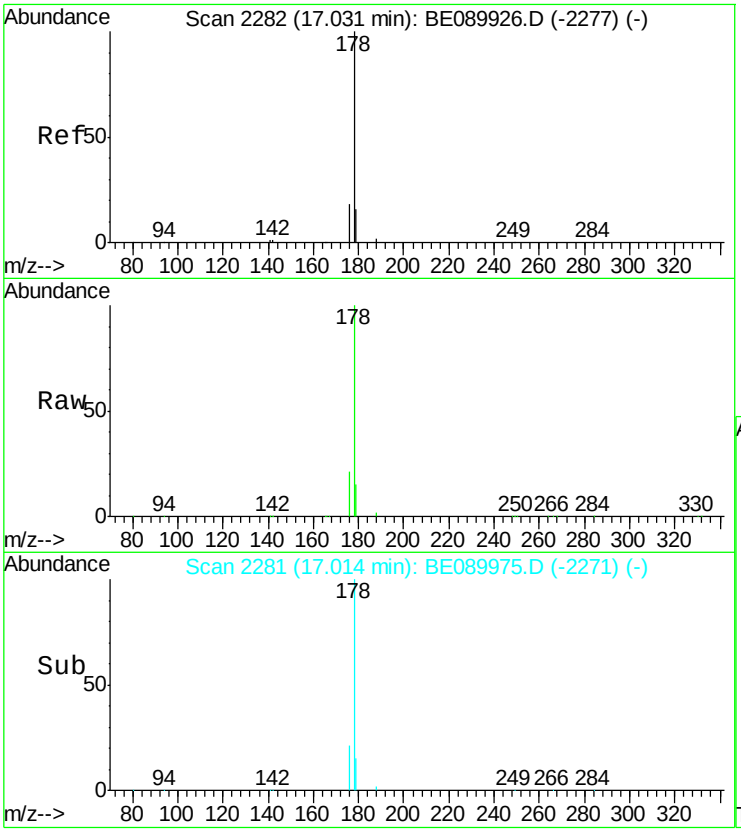


#21
Pentachlorophenol
Concen: 0.50 ng
RT: 16.63 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:266 Resp: 113

Ion	Ratio	Lower	Upper
266	100		
268	78.6	54.4	81.6
264	84.5	48.2	72.2#



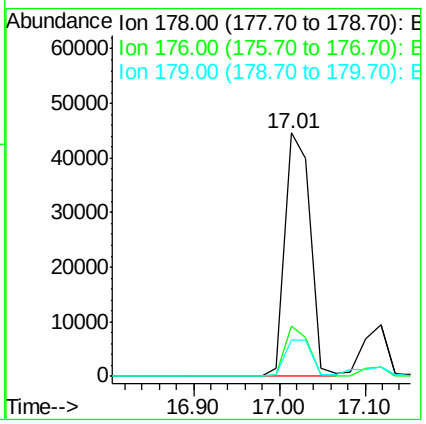


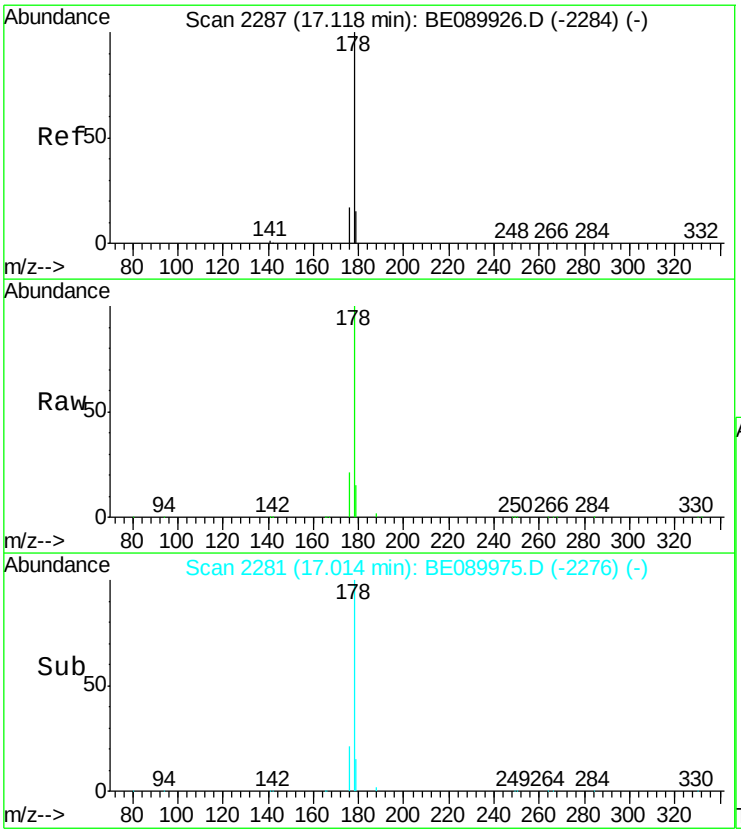
#22
Phenanthrene
Concen: 2.15 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:178 Resp: 91367

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.9	12.6	19.0

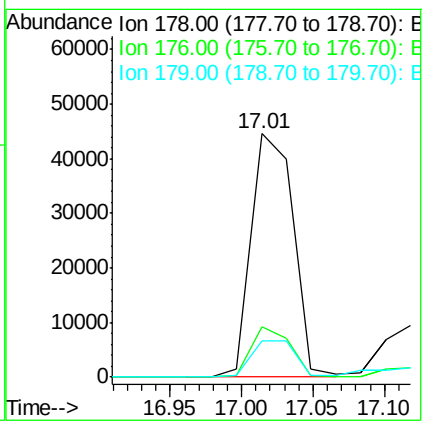


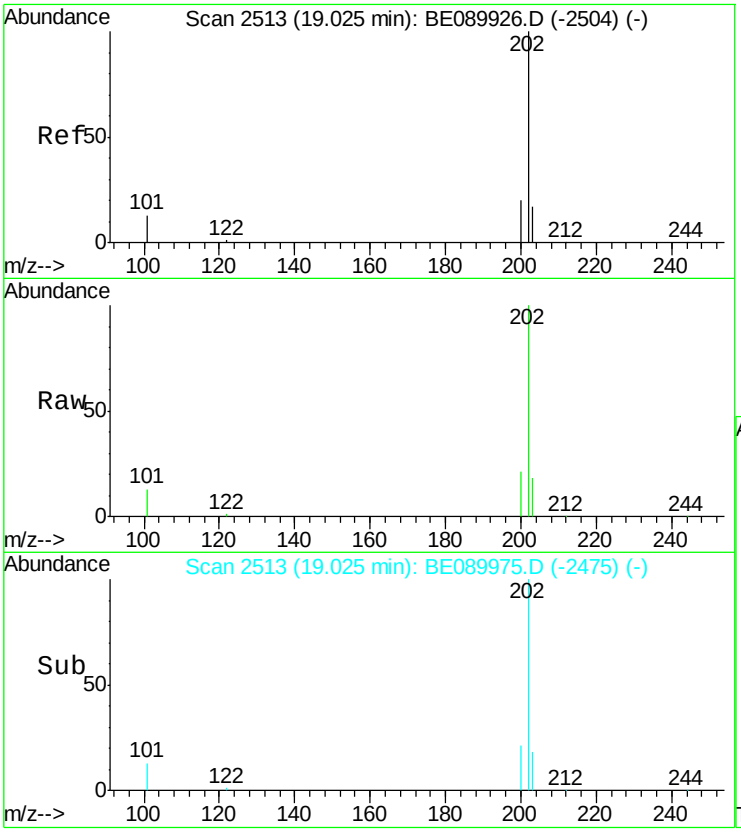


#23
Anthracene
Concen: 2.32 ng
RT: 17.01 min Scan# 2281
Delta R.T. -0.10 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:178 Resp: 91291

Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.6	21.8
179	15.8	12.3	18.5



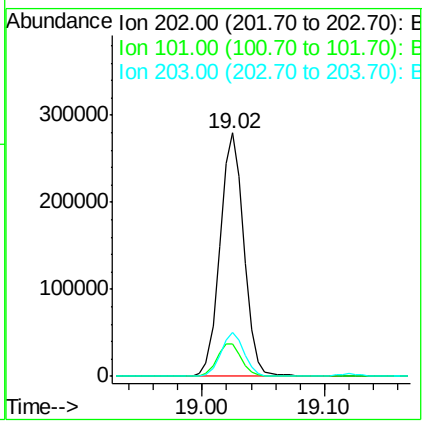


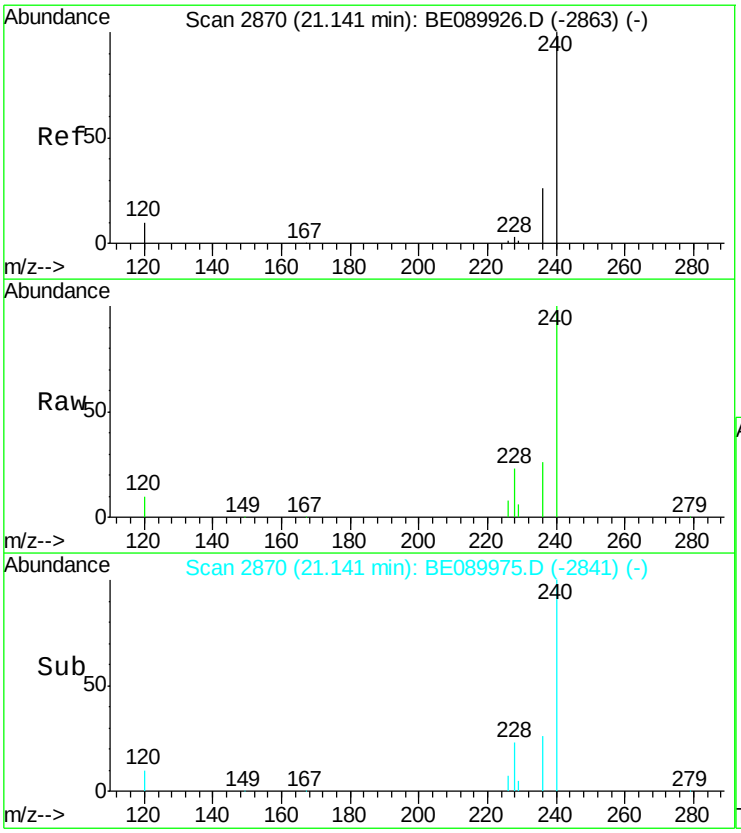
#24
Fluoranthene
Concen: 8.24 ng
RT: 19.02 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:202 Resp: 379671

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.6	16.0
203	17.4	13.8	20.8

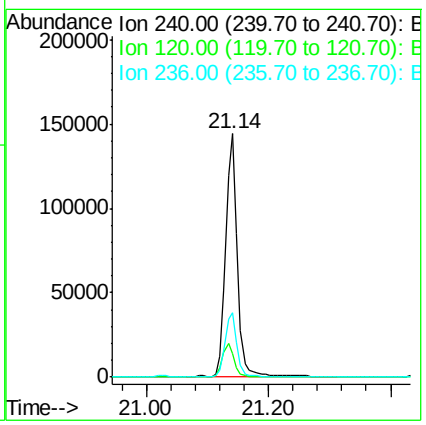


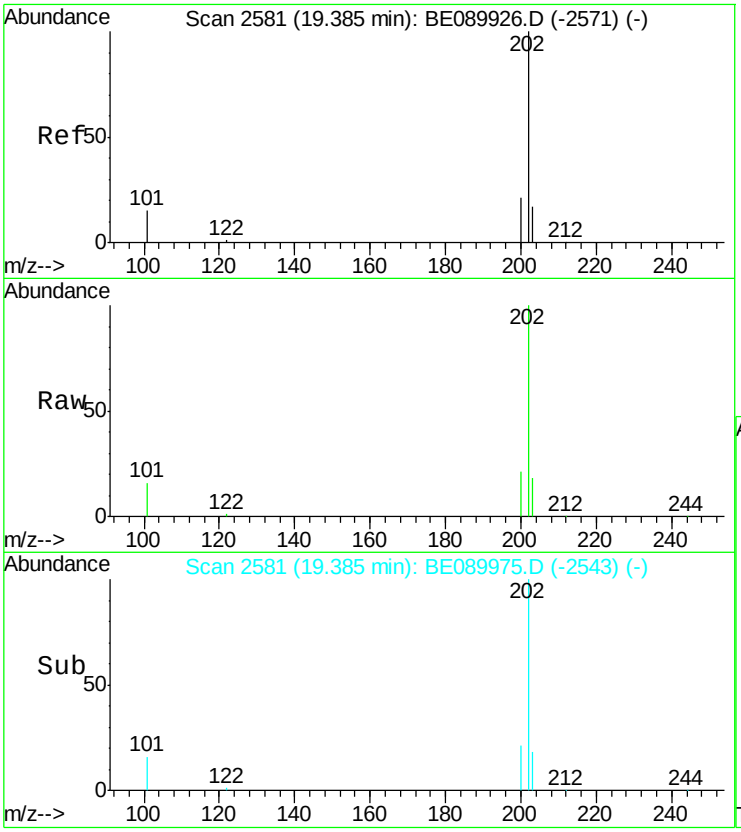


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.14 min Scan# 2870
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:240 Resp: 191533

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.9	11.9
236	26.4	21.2	31.8



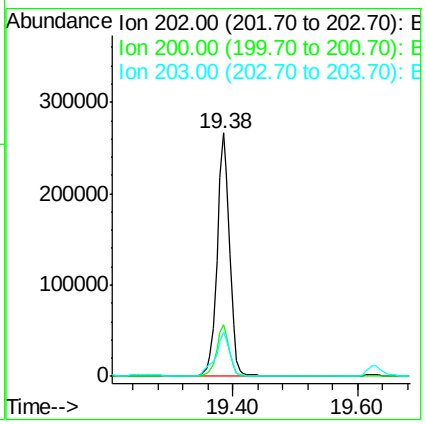


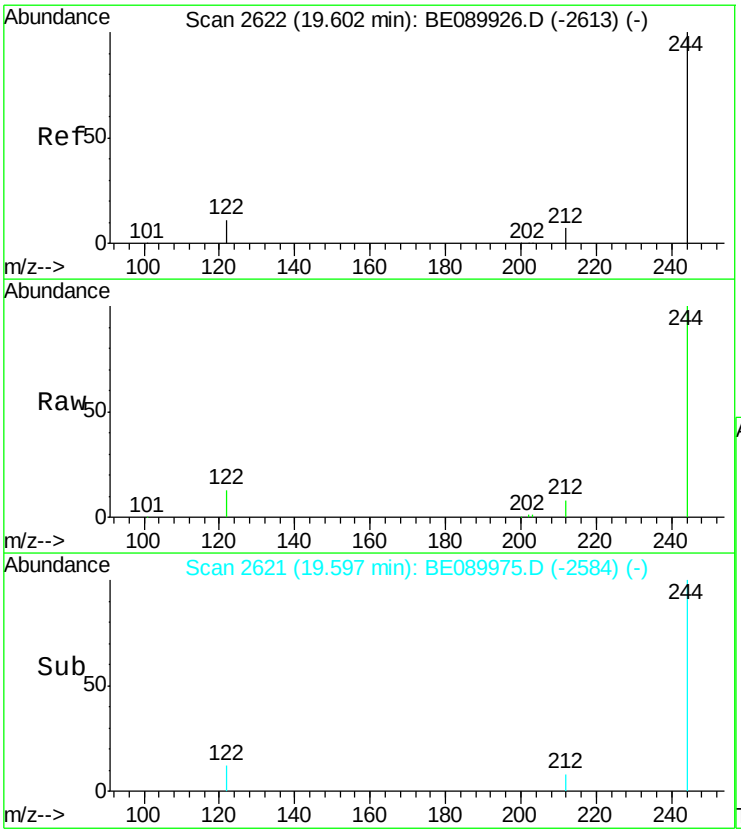
#26
Pyrene
Concen: 7.57 ng
RT: 19.38 min Scan# 2581
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:202 Resp: 367061

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.6	25.0
203	21.0	13.9	20.9#

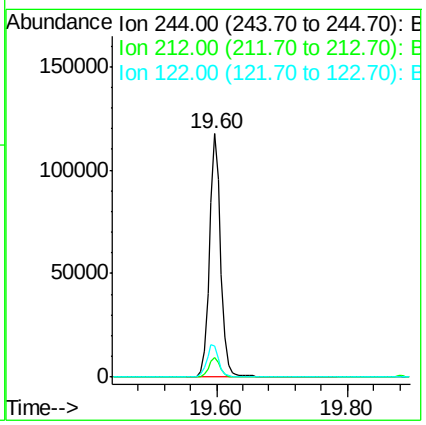


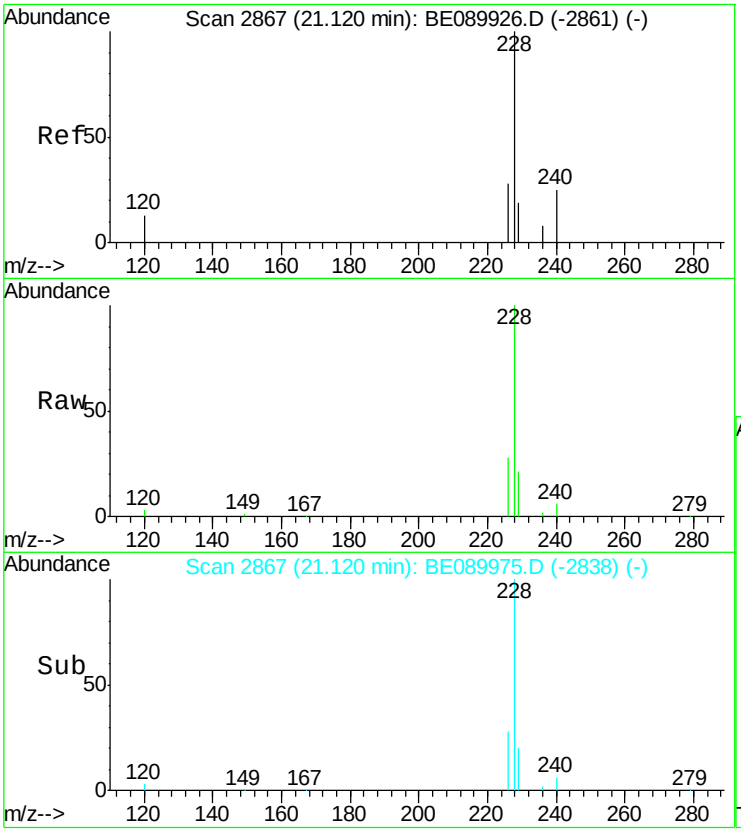


#27
Terphenyl-d14
Concen: 4.21 ng
RT: 19.60 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:244 Resp: 139308

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.1	9.1
122	12.8	8.7	13.1



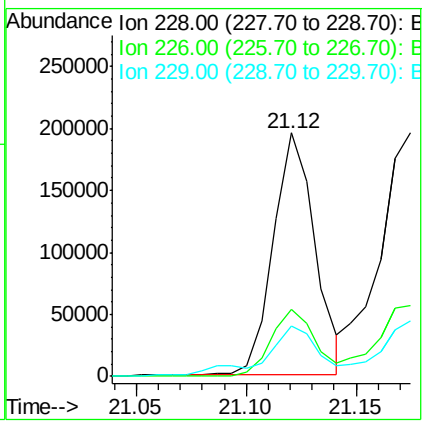


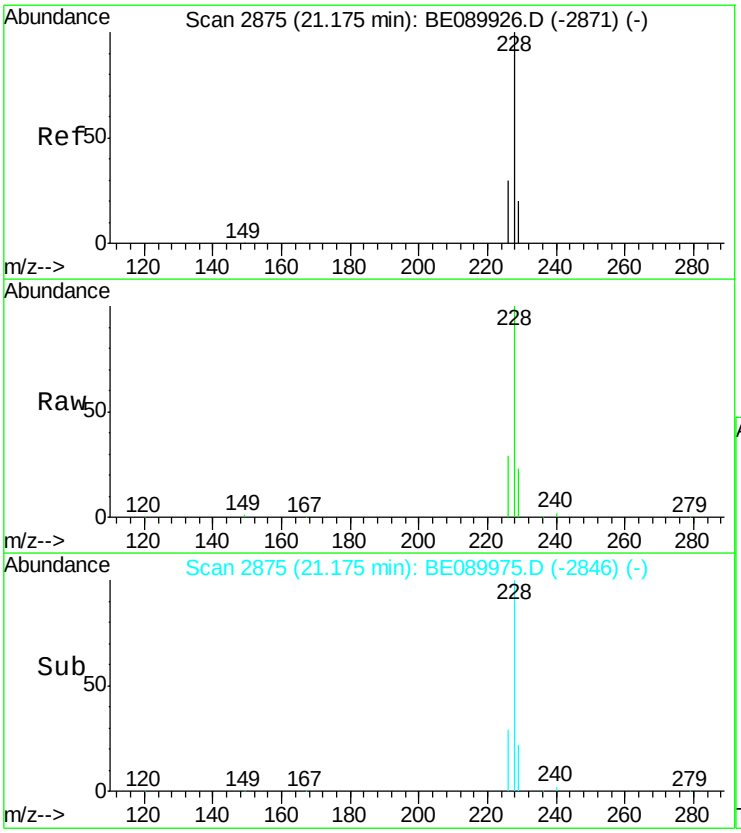
#28
Benzo(a)anthracene
Concen: 5.64 ng
RT: 21.12 min Scan# 2867
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:228 Resp: 258254

Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.4
229	20.8	15.3	22.9

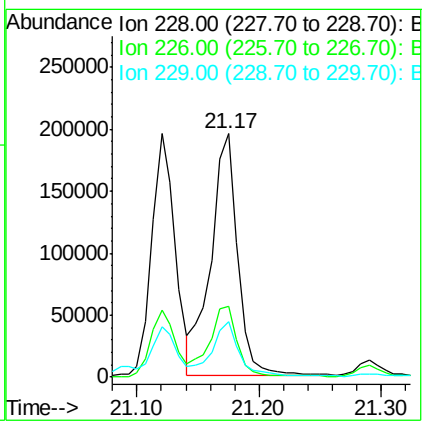


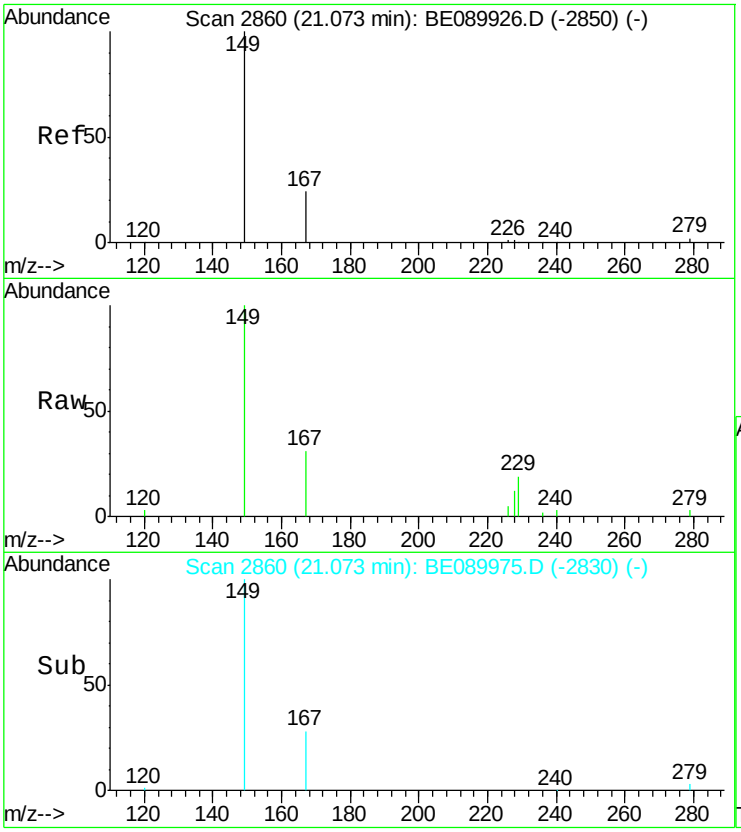


#29
Chrysene
Concen: 6.02 ng
RT: 21.17 min Scan# 2875
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:228 Resp: 301314

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	22.6	15.8	23.8



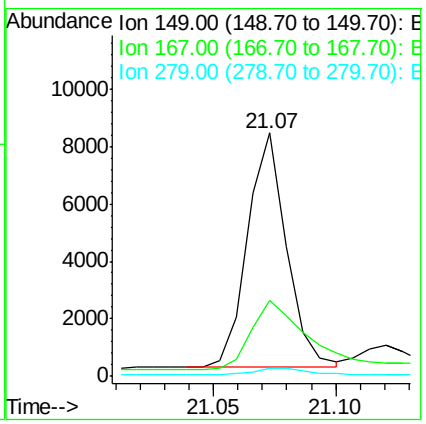


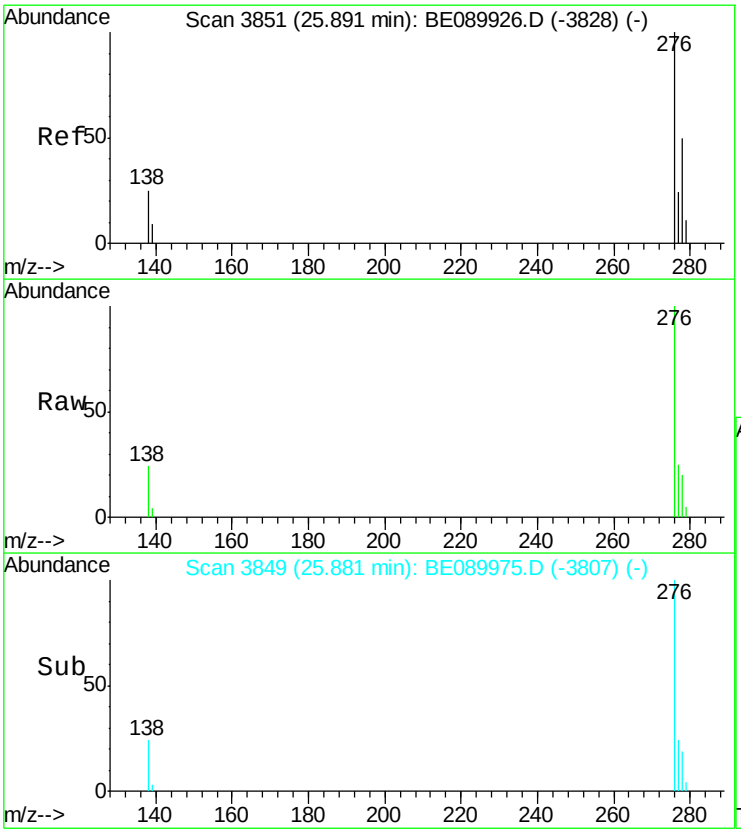
#30
Bis(2-ethylhexyl)phthalate
Concen: 2.32 ng
RT: 21.07 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:149 Resp: 9041

Ion	Ratio	Lower	Upper
149	100		
167	51.5	20.3	30.5#
279	3.0	2.7	4.1

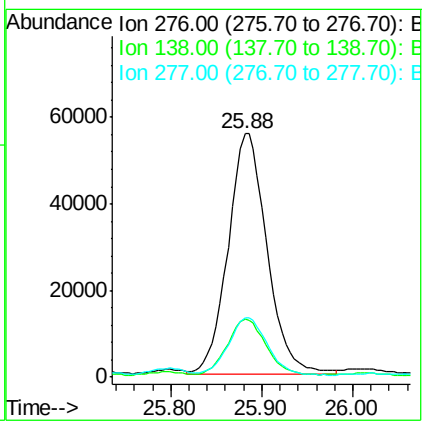


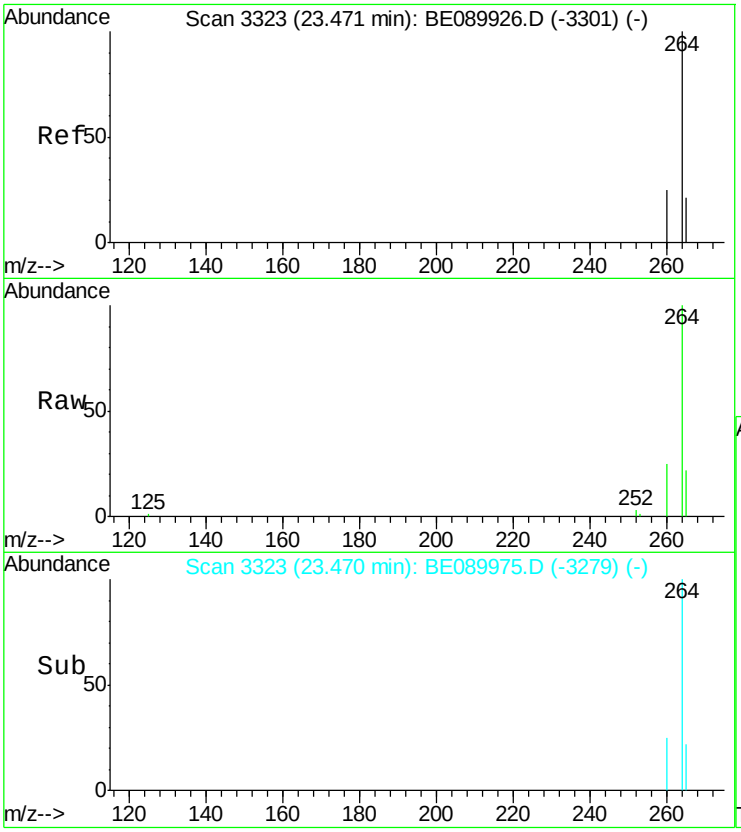


#31
Indeno(1,2,3-cd)pyrene
Concen: 4.47 ng
RT: 25.88 min Scan# 3849
Delta R.T. -0.01 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:276 Resp: 164530

Ion	Ratio	Lower	Upper
276	100		
138	23.5	0.0	0.0#
277	23.6	0.0	0.0#



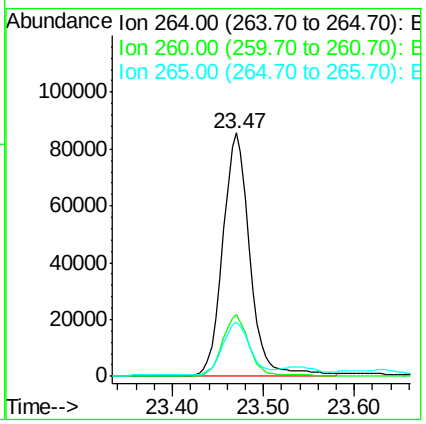


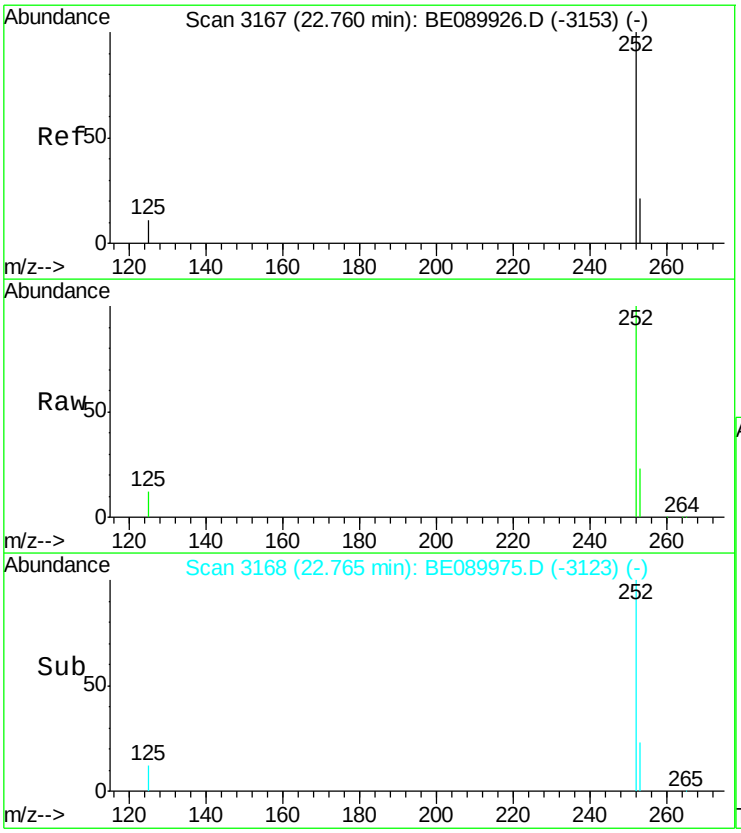
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.47 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:264 Resp: 174900

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.8	29.6
265	22.3	17.3	25.9

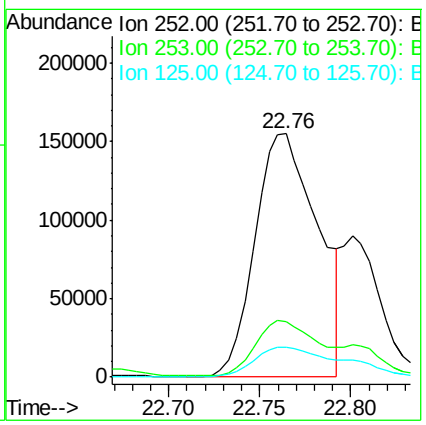


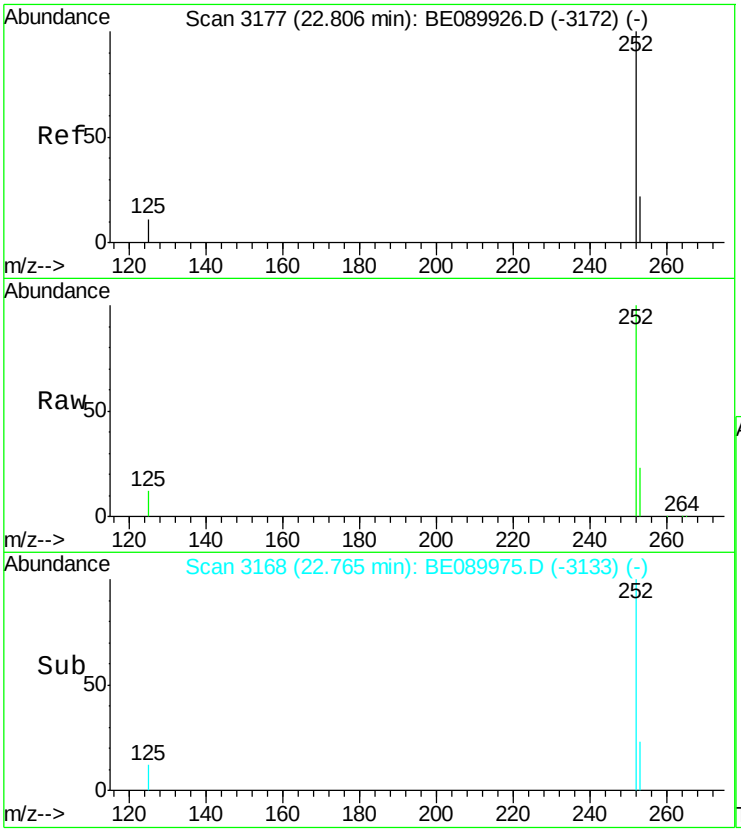


#33
Benzo(b)fluoranthene
Concen: 10.06 ng
RT: 22.76 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:252 Resp: 372285

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	12.5	9.3	13.9



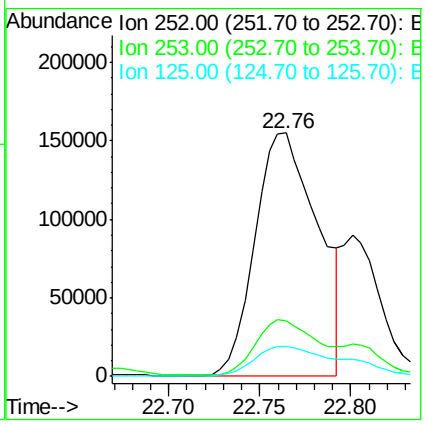


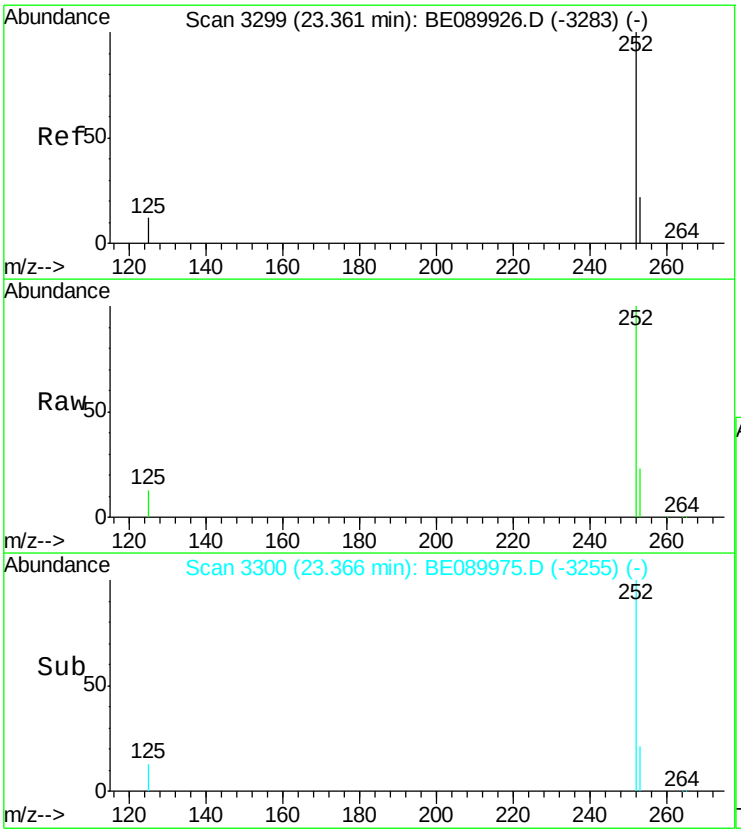
#34
Benzo(k)fluoranthene
Concen: 8.88 ng
RT: 22.76 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:252 Resp: 372285

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	12.5	9.2	13.8

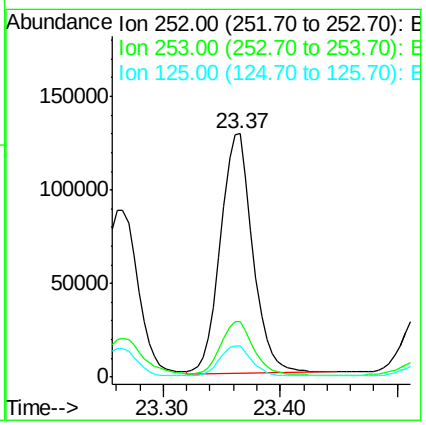


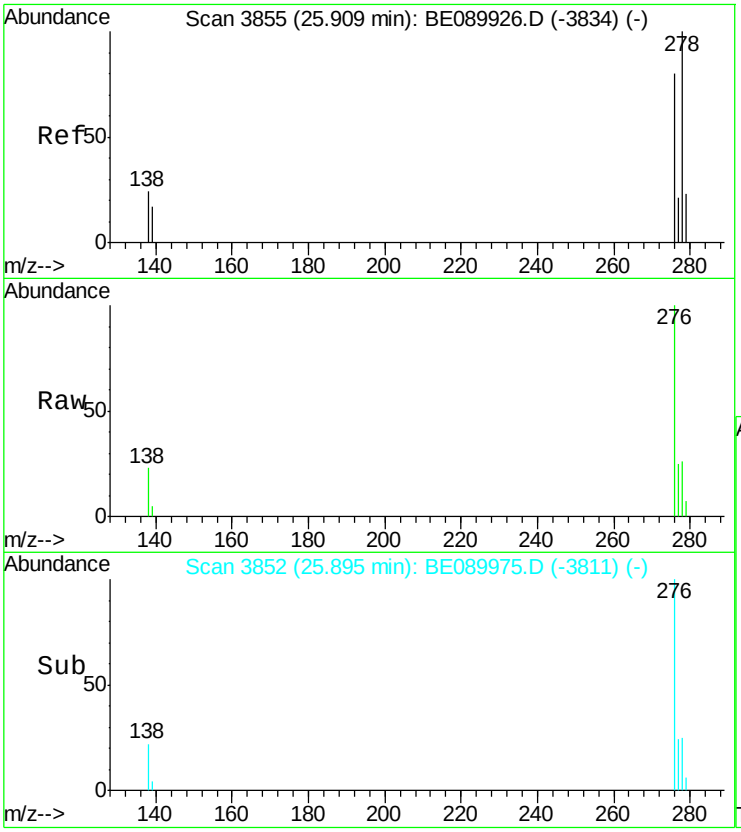


#35
Benzo(a)pyrene
Concen: 7.48 ng
RT: 23.37 min Scan# 3300
Delta R.T. 0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:252 Resp: 245906

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.6
125	12.8	10.3	15.5



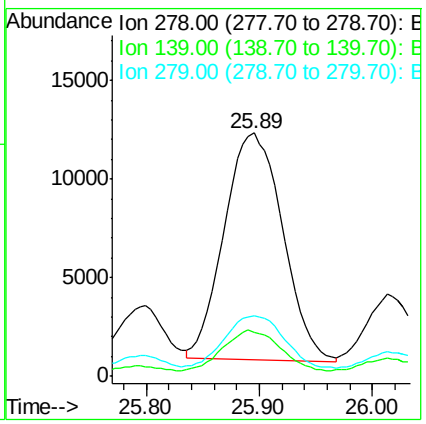


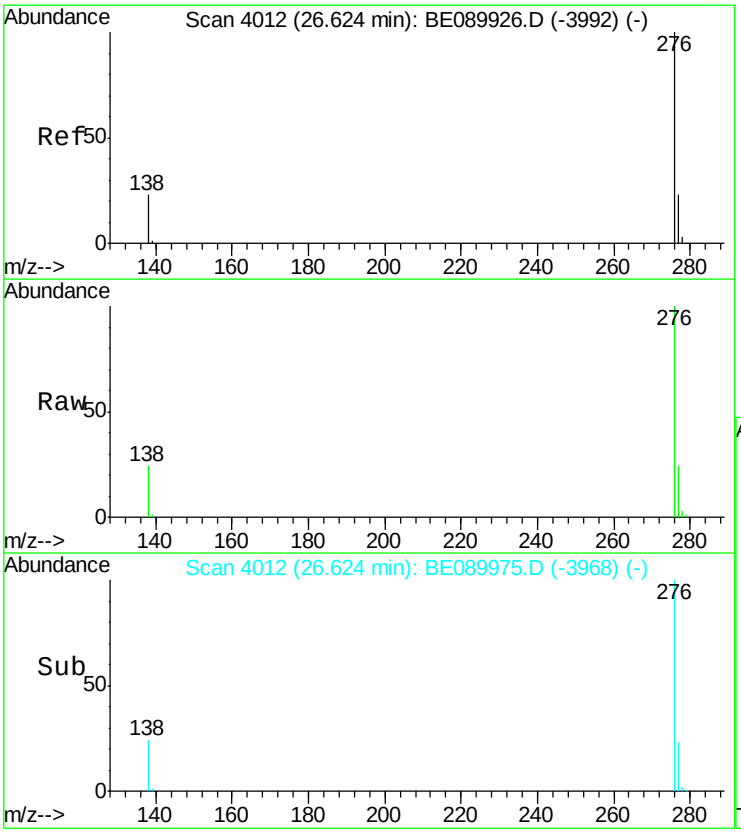
#36
Dibenzo(a,h)anthracene
Concen: 1.34 ng
RT: 25.89 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Instrument :
BNA_E
ClientSampleId :
X3SS0240006-150624

Tgt Ion:278 Resp: 40937

Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.1	21.1
279	25.1	19.0	28.6





#37
Benzo(g,h,i)perylene
Concen: 5.11 ng
RT: 26.62 min Scan# 4012
Delta R.T. -0.00 min
Lab File: BE089975.D
Acq: 27 Jun 2015 14:07

Tgt Ion:276 Resp: 168136

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	24.1	18.8	28.2