Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090326.D
Acq On : 4 Aug 2015 1:27
Operator : TP/UM
Sample : PB84793BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PB84793BL

Quant Time: Aug 04 02:30:25 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	13886	5.00	ng		0.00
6) Naphthalene-d8	10.36	136	55983	5.00	ng		0.00
12) Acenaphthene-d10	14.21	164	29454	5.00	ng		0.00
18) Phenanthrene-d10	16.95	188	59666	5.00	ng		0.00
25) Chrysene-d12	21.11	240	49720	5.00	ng		0.00
32) Perylene-d12	23.42	264	41545	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	10747	4.05	ng		0.00
5) Phenol-d6	6.78	99	12481	3.83	ng		0.00
7) Nitrobenzene-d5	8.74	82	7208	2.18	ng		0.00
13) 2,4,6-Tribromophenol	15.73	330	1086	2.62	ng		0.00
14) 2-Fluorobiphenyl	12.84	172	18407	2.16	ng		0.00
27) Terphenyl-d14	19.57	244	23849	2.56	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.47	42	11	0.00	ng	#	17
8) Nitrobenzene	8.74	77	28	0.01	ng	#	60
9) Naphthalene	10.40	128	16	0.00	ng	#	1
10) Hexachlorobutadiene	10.70	225	2	0.00	ng	#	68
11) 2-Methylnaphthalene	12.01	142	2	0.00	ng	#	66
15) Acenaphthylene	13.93	152	25	0.00	ng	#	74
16) Acenaphthene	14.21	154	139	0.02	ng	#	1
17) Fluorene	15.28	166	7	0.00	ng	#	1
19) 4-Bromophenyl-phenylether	16.11	248	3	0.00	ng	#	1
20) Hexachlorobenzene	16.28	284	10	0.00	ng	#	1
21) Pentachlorophenol	16.61	266	1	0.08	ng		83
22) Phenanthrene	17.00	178	63	0.00	ng	#	60
23) Anthracene	17.00	178	55	0.00	ng	#	61
24) Fluoranthene	19.01	202	36	0.00	ng	#	69
26) Pyrene	19.36	202	41	0.00	ng	#	65
28) Benzo(a)anthracene	21.11	228	339	0.04	ng	#	75
29) Chrysene	21.15	228	429	Below Cal		#	73
30) Bis(2-ethylhexyl)phthalate	21.05	149	32	0.14	ng	#	69
31) Indeno(1,2,3-cd)pyrene	25.84	276	456	0.21	ng	#	77
33) Benzo(b)fluoranthene	22.73	252	279	0.39	ng	#	62
34) Benzo(k)fluoranthene	22.77	252	336	0.03	ng	#	60
35) Benzo(a)pyrene	23.32	252	332	0.35	ng	#	62
36) Dibenzo(a,h)anthracene	25.86	278	105	0.21	ng	#	64
37) Benzo(g,h,i)perylene	26.57	276	466	0.30	ng	#	76

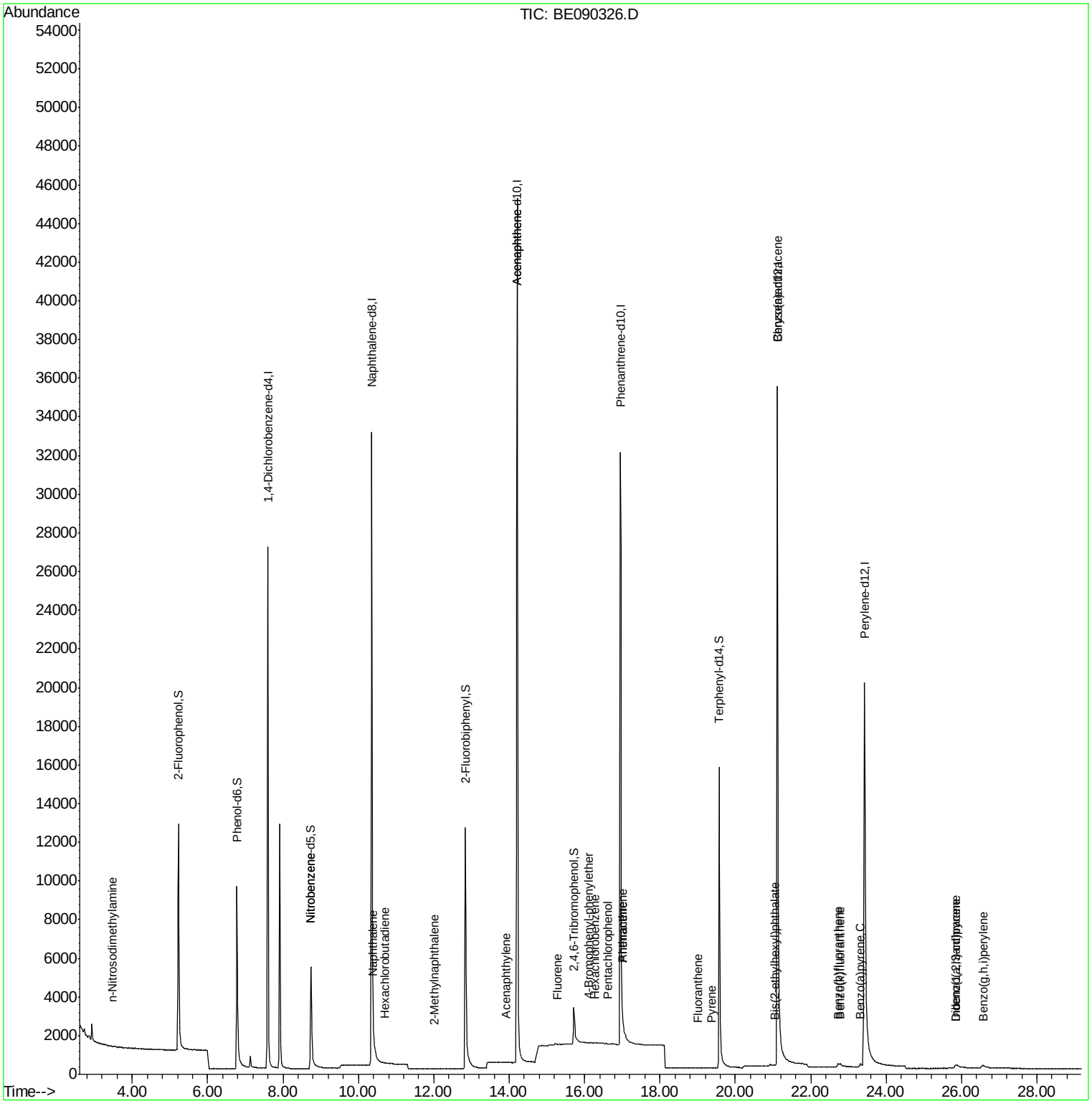
(#) = qualifier out of range (m) = manual integration (+) = signals summed

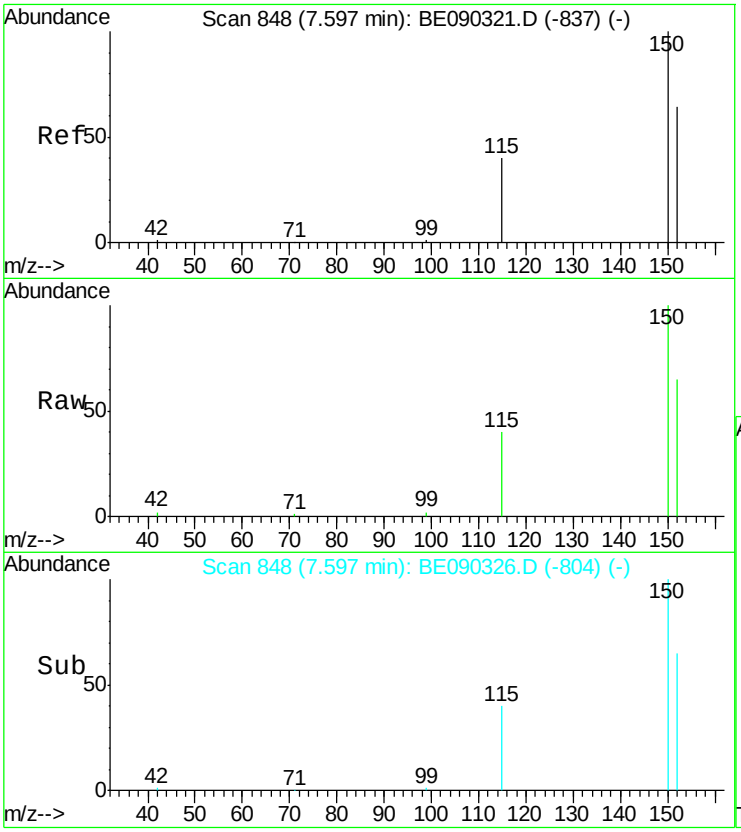
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE080315\
Data File : BE090326.D
Acq On : 4 Aug 2015 1:27
Operator : TP/UM
Sample : PB84793BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Quant Time: Aug 04 02:30:25 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration



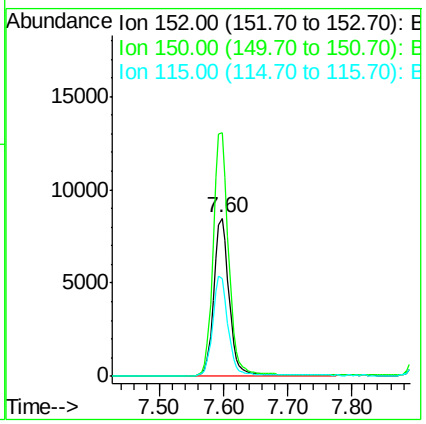


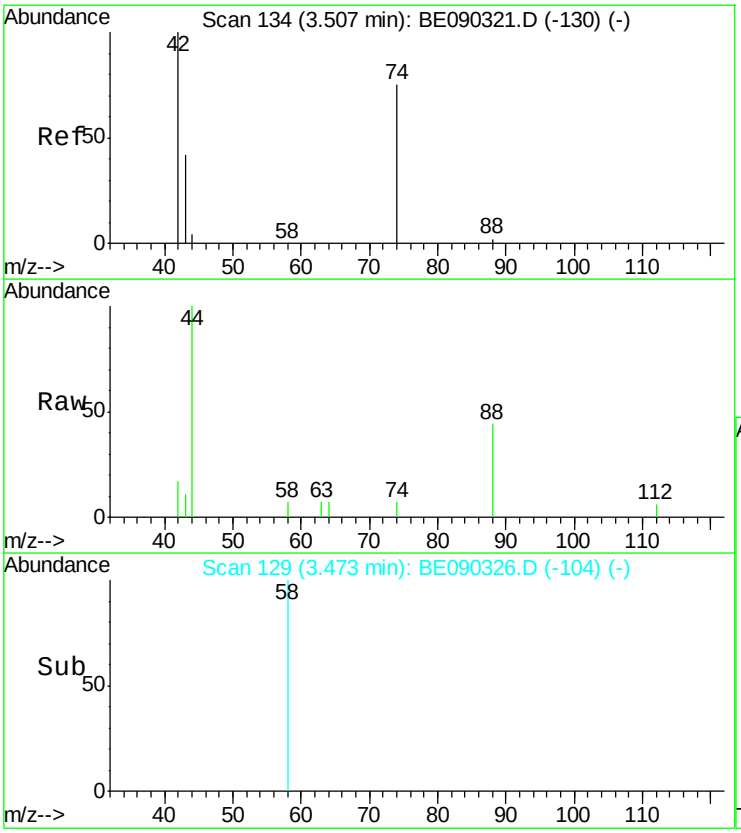
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 848
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:152 Resp: 13886

Ion	Ratio	Lower	Upper
152	100		
150	153.7	124.2	186.2
115	61.7	50.4	75.6

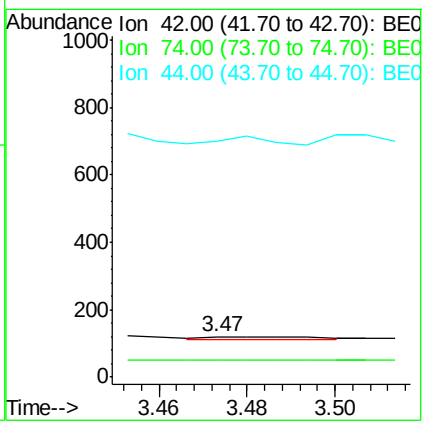


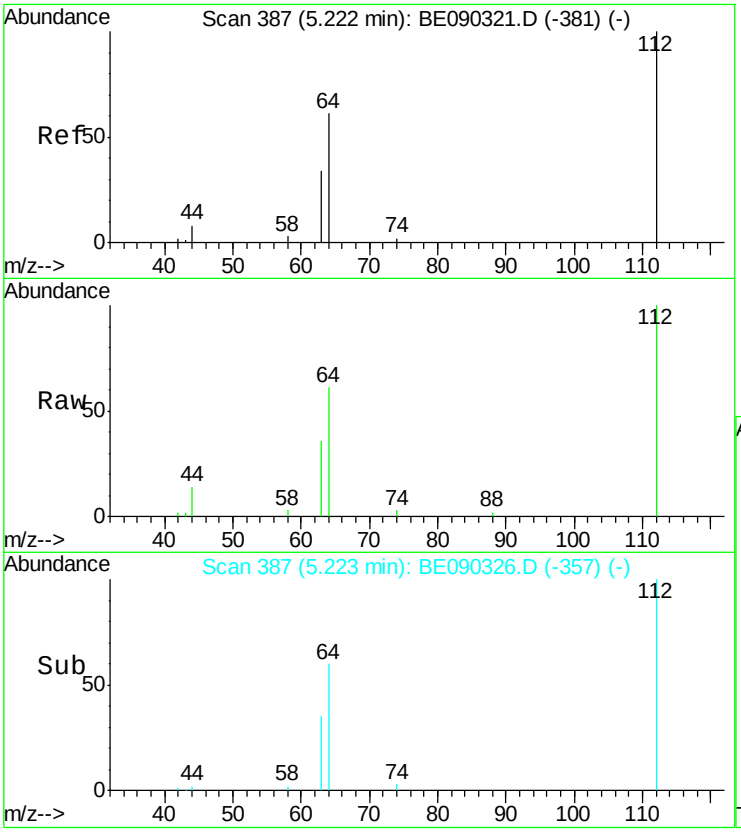


#3
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.47 min Scan# 129
Delta R.T. -0.03 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion: 42 Resp: 11

Ion	Ratio	Lower	Upper
42	100		
74	36.4	73.2	109.8#
44	190.9	3.8	5.6#



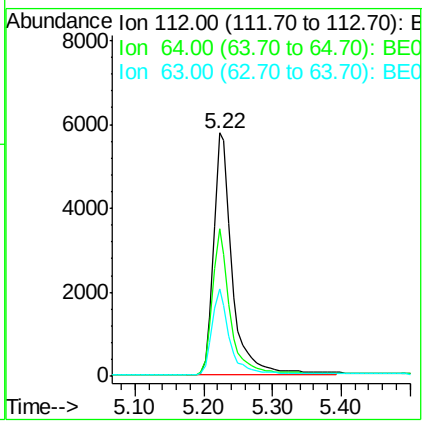


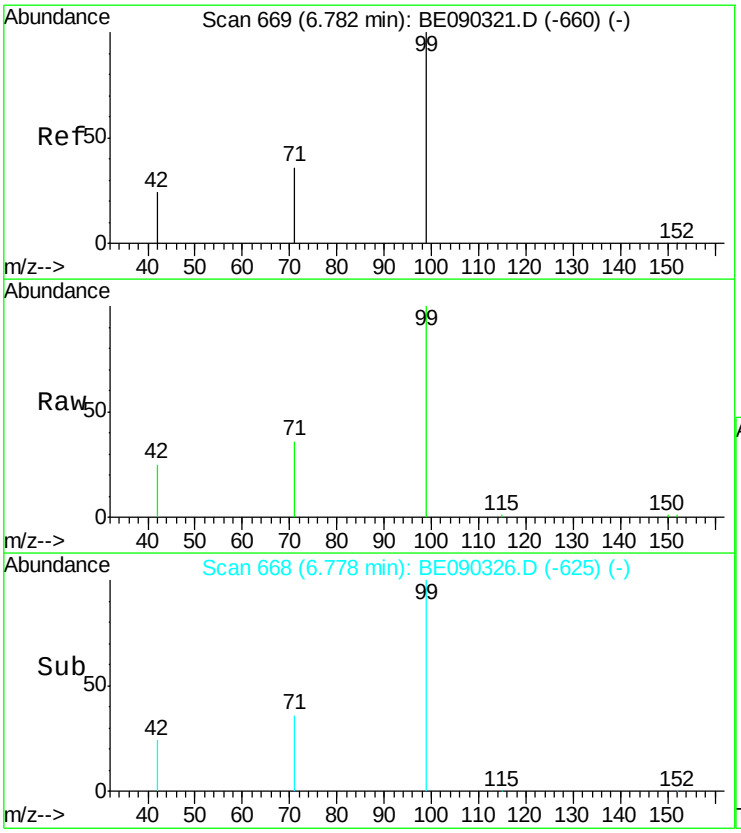
#4
2-Fluorophenol
Concen: 4.05 ng
RT: 5.22 min Scan# 387
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:112 Resp: 10747

Ion	Ratio	Lower	Upper
112	100		
64	57.4	49.0	73.4
63	34.0	27.7	41.5

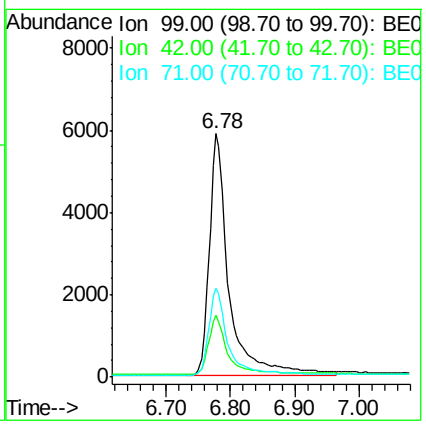


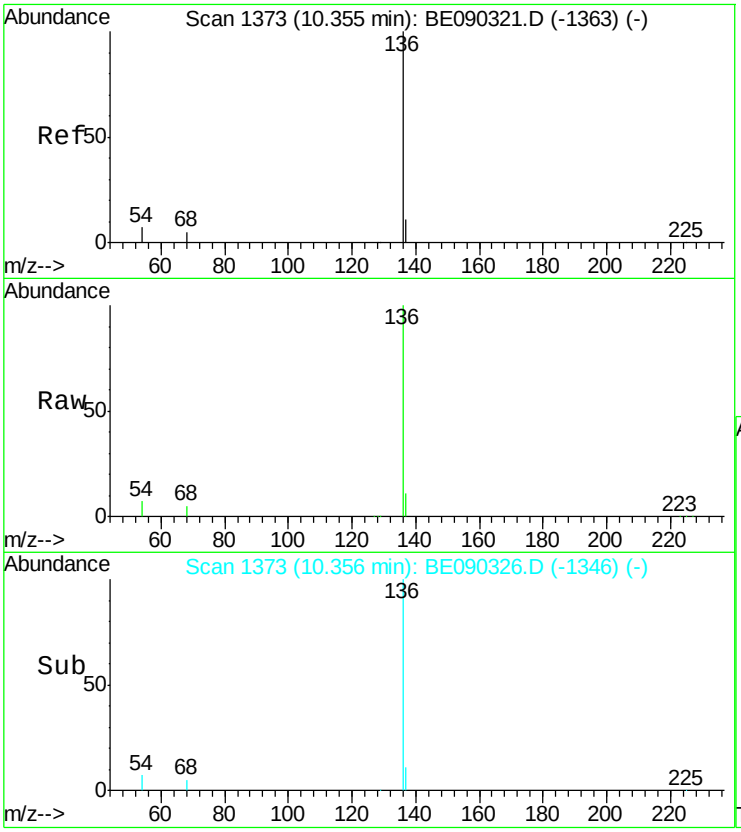


#5
Phenol-d6
Concen: 3.83 ng
RT: 6.78 min Scan# 668
Delta R.T. -0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion: 99 Resp: 12481

Ion	Ratio	Lower	Upper
99	100		
42	23.8	22.2	33.2
71	35.5	29.2	43.8



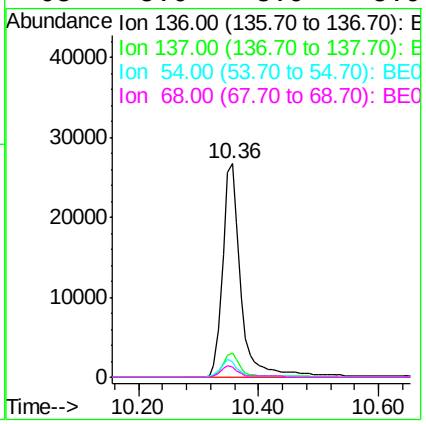


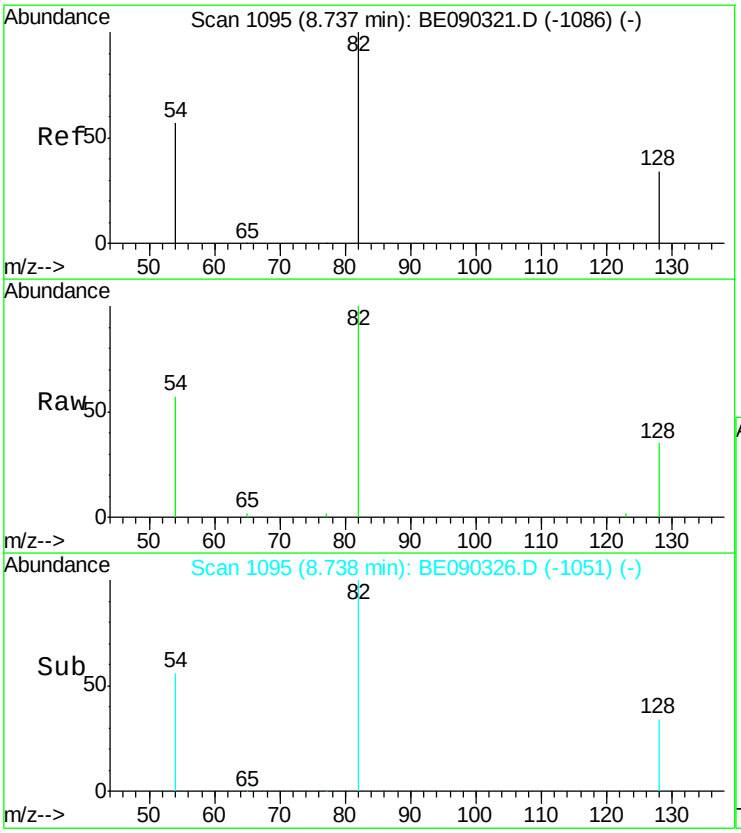
#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.36 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:136 Resp: 55983

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	7.2	6.0	9.0
68	5.0	3.9	5.9

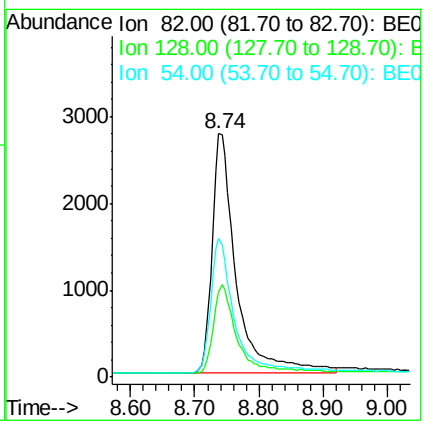


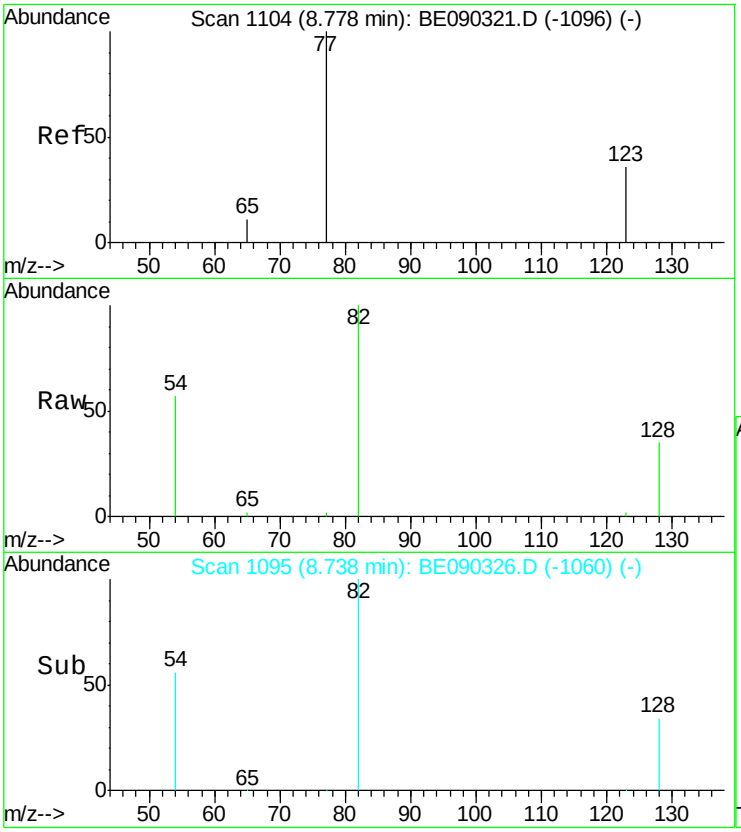


#7
Nitrobenzene-d5
Concen: 2.18 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion: 82 Resp: 7208

Ion	Ratio	Lower	Upper
82	100		
128	35.0	30.8	46.2
54	57.1	47.5	71.3



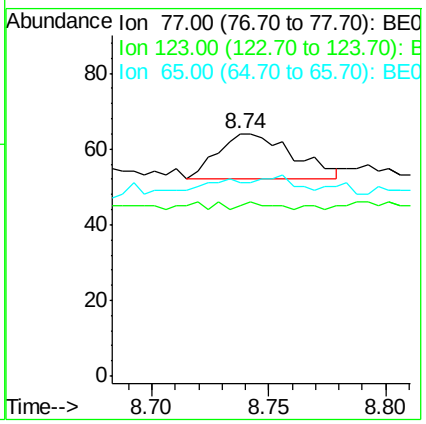


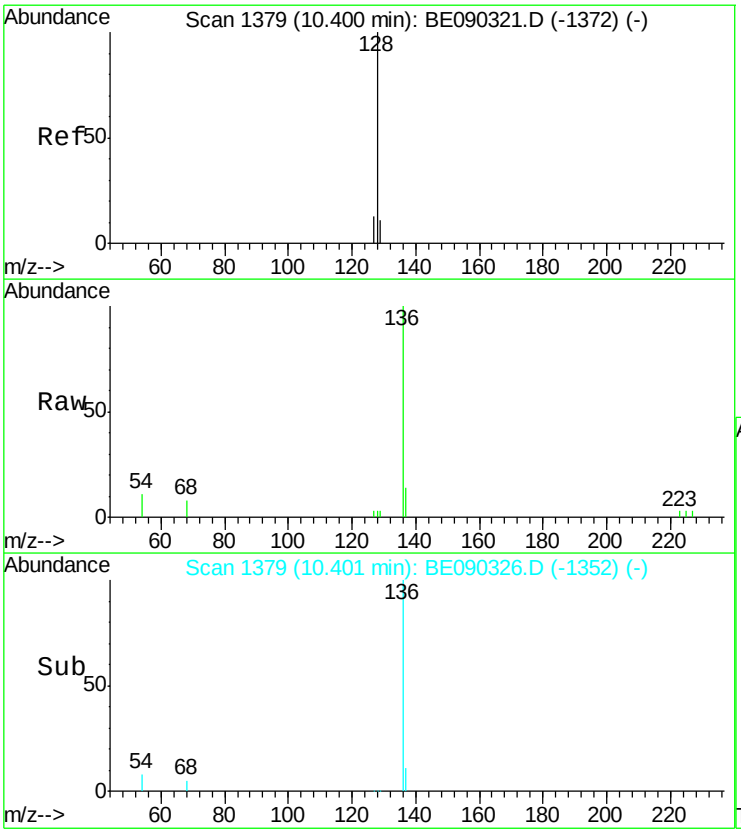
#8
Nitrobenzene
Concen: 0.01 ng
RT: 8.74 min Scan# 1095
Delta R.T. -0.04 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion: 77 Resp: 28

Ion	Ratio	Lower	Upper
77	100		
123	7.1	29.6	44.4#
65	17.9	10.4	15.6#

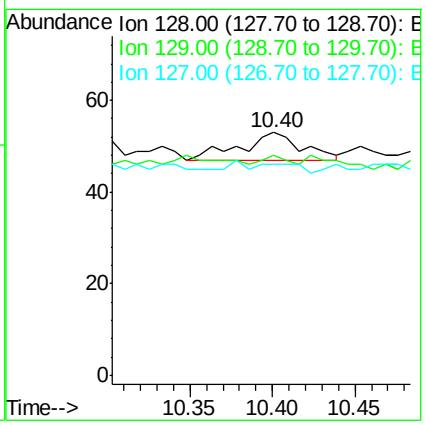


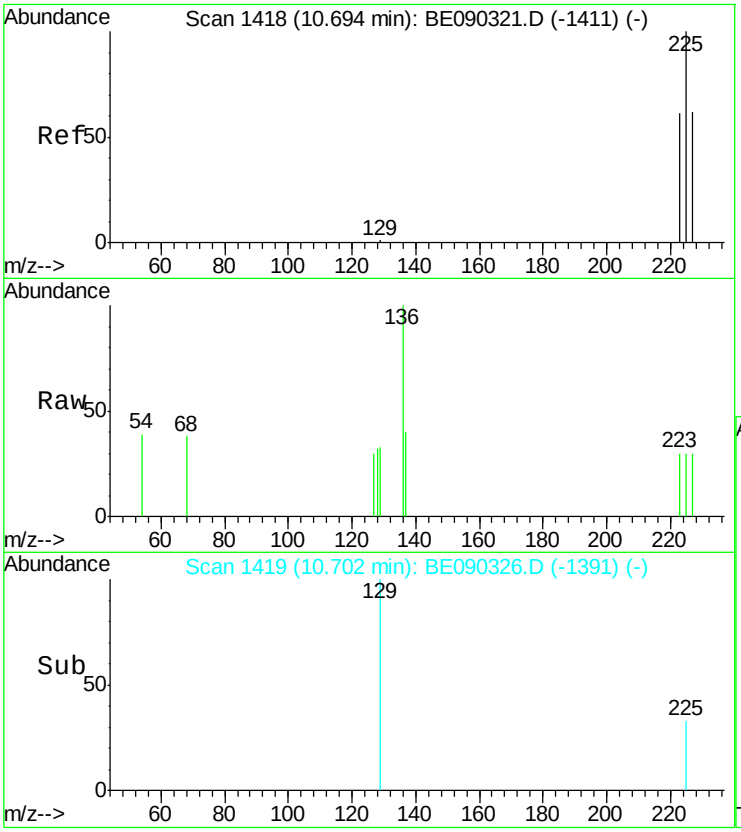


#9
Naphthalene
Concen: 0.00 ng
RT: 10.40 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:128 Resp: 16

Ion	Ratio	Lower	Upper
128	100		
129	90.6	10.1	15.1#
127	86.8	11.3	16.9#



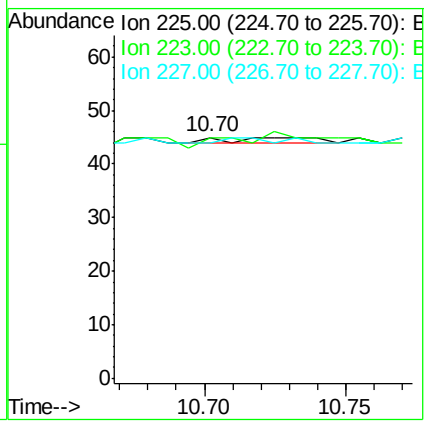


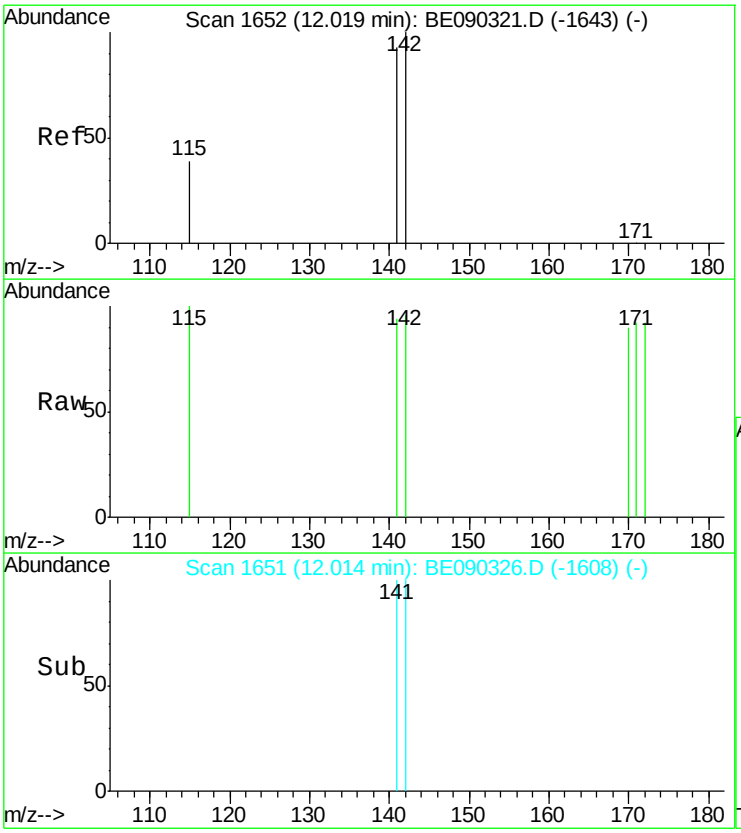
#10
Hexachlorobutadiene
Concen: 0.00 ng
RT: 10.70 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	100.0	50.4	75.6#
227	50.0	49.6	74.4

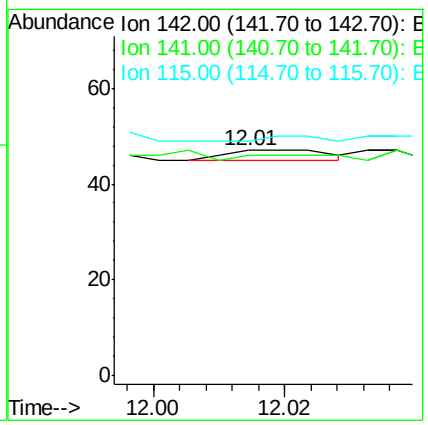


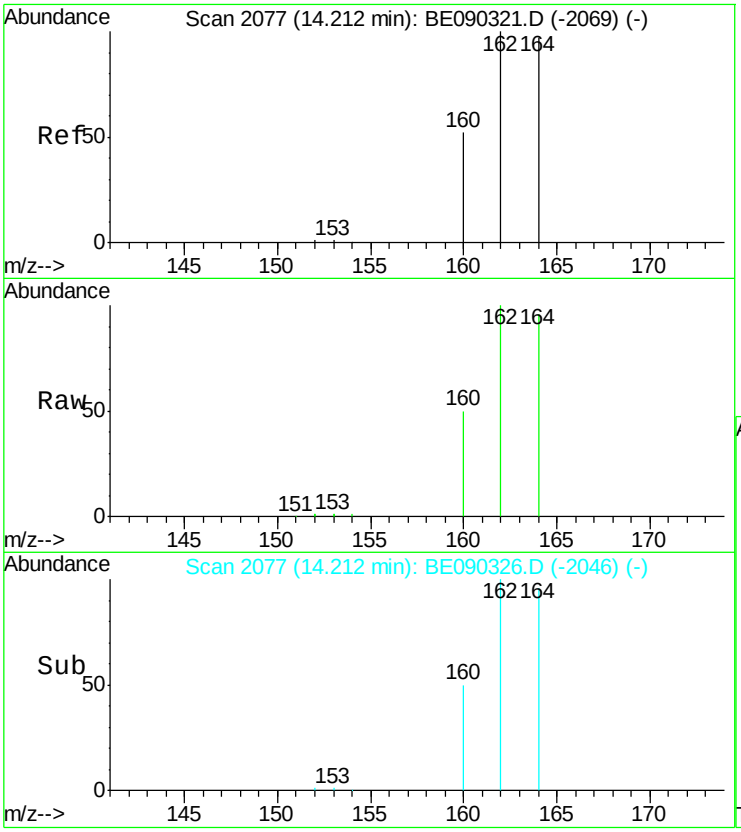


#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.01 min Scan# 1651
Delta R.T. -0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	97.9	74.6	112.0
115	104.3	32.6	49.0#



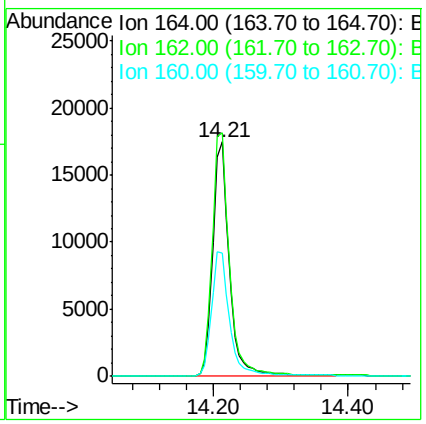


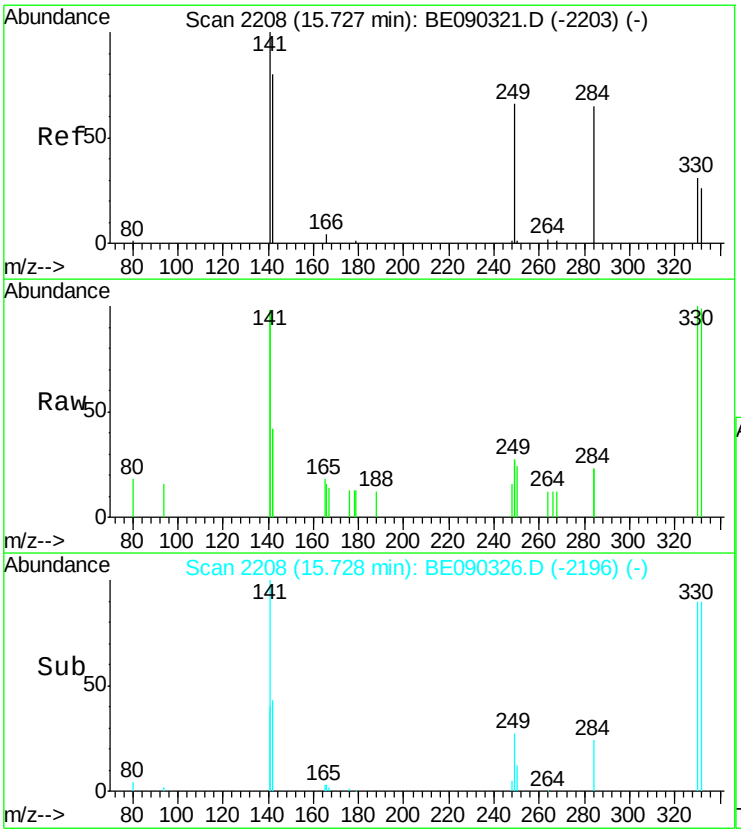
#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2077
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:164 Resp: 29454

Ion	Ratio	Lower	Upper
164	100		
162	103.9	82.7	124.1
160	52.4	43.0	64.6

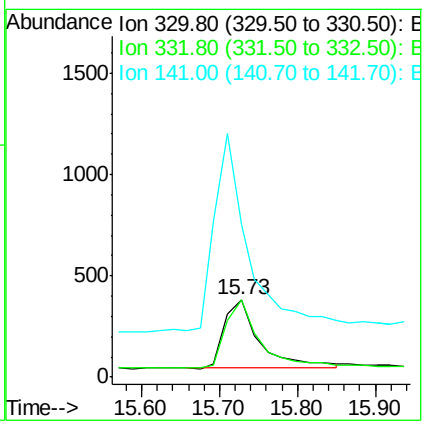


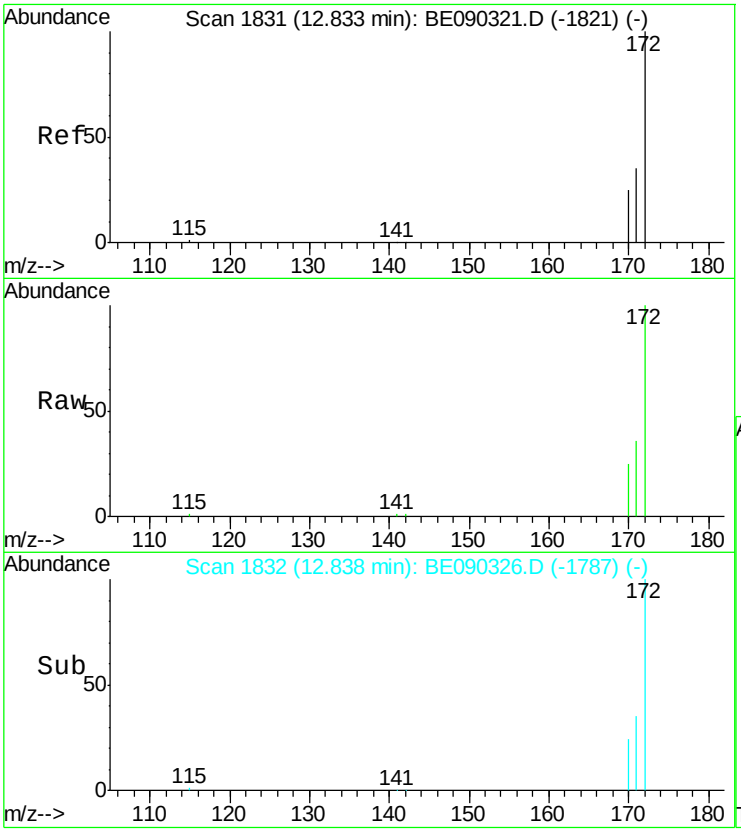


#13
2,4,6-Tribromophenol
Concen: 2.62 ng
RT: 15.73 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:330 Resp: 1086

Ion	Ratio	Lower	Upper
330	100		
332	97.0	79.4	119.0
141	294.1	245.9	368.9



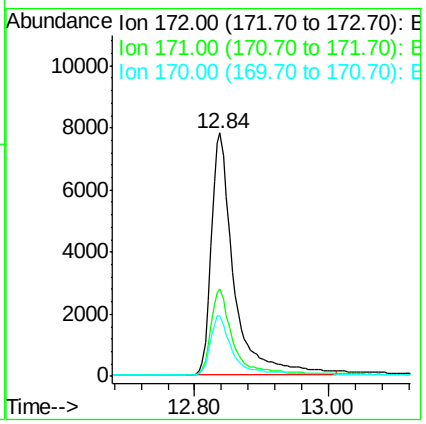


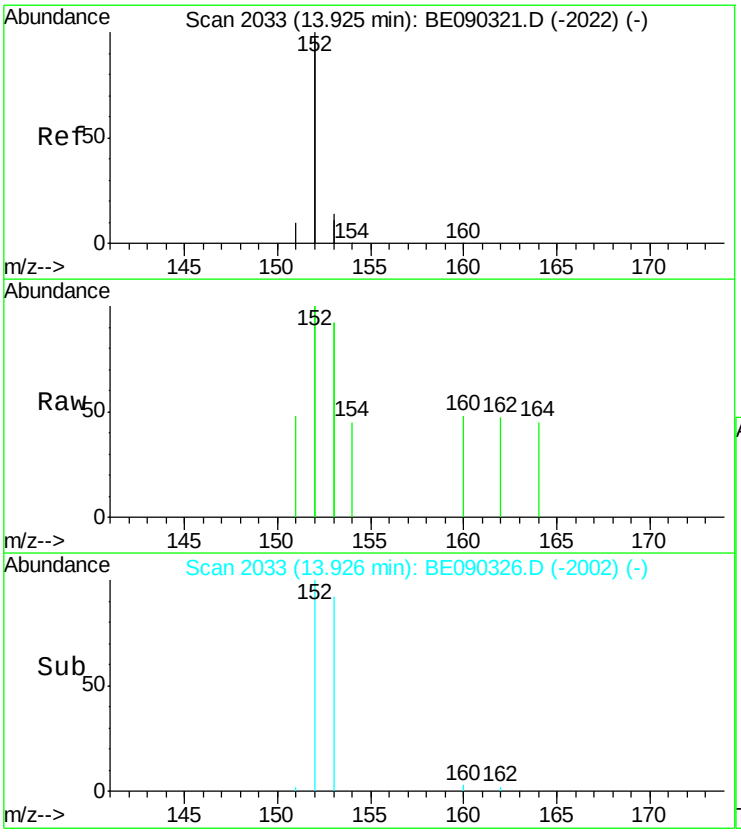
#14
2-Fluorobiphenyl
Concen: 2.16 ng
RT: 12.84 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:172 Resp: 18407

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.5	44.3
170	24.8	21.3	31.9

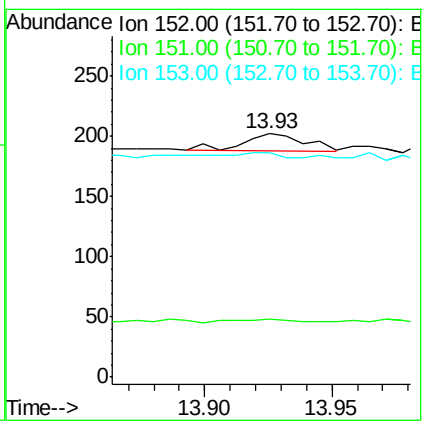


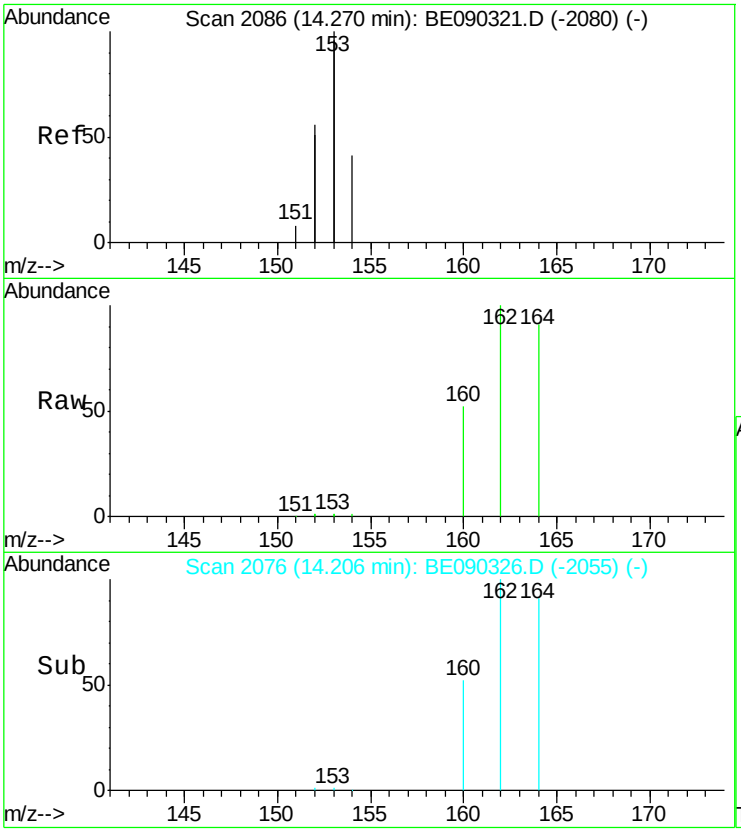


#15
Acenaphthylene
Concen: 0.00 ng
RT: 13.93 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:152 Resp: 25

Ion	Ratio	Lower	Upper
152	100		
151	20.0	4.0	6.0#
153	20.0	10.2	15.4#



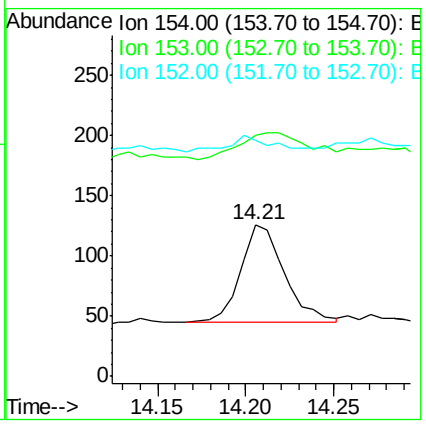


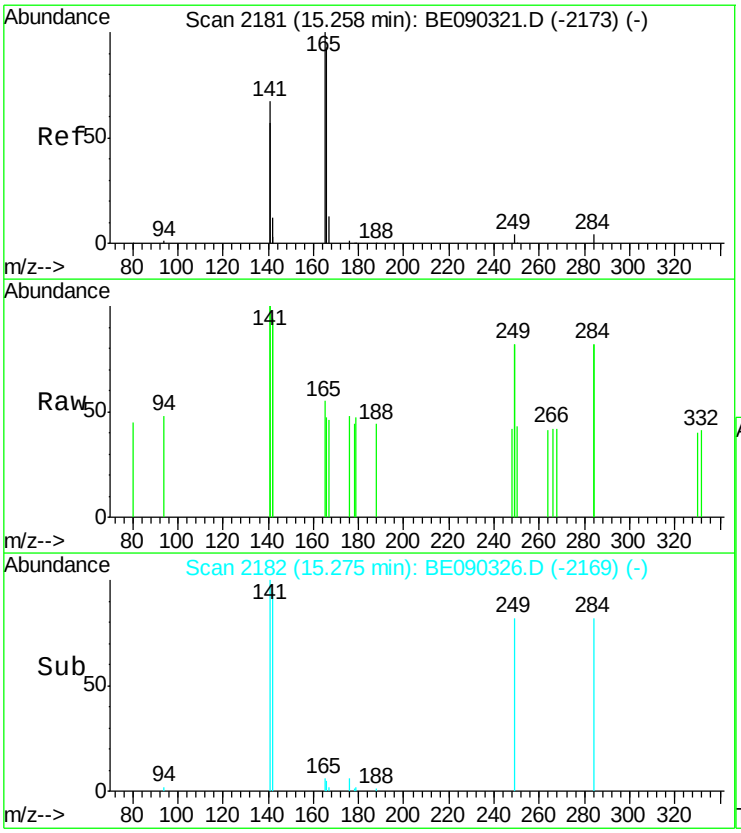
#16
Acenaphthene
Concen: 0.02 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.06 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:154 Resp: 139

Ion	Ratio	Lower	Upper
154	100		
153	43.2	378.0	567.0#
152	18.0	212.7	319.1#

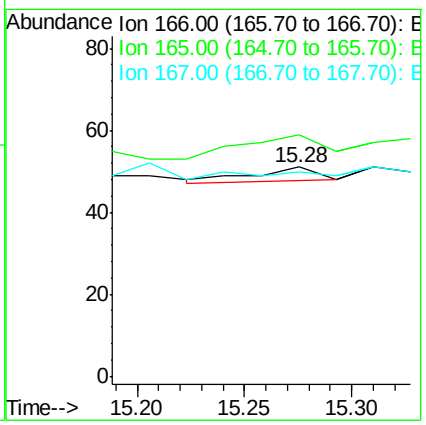


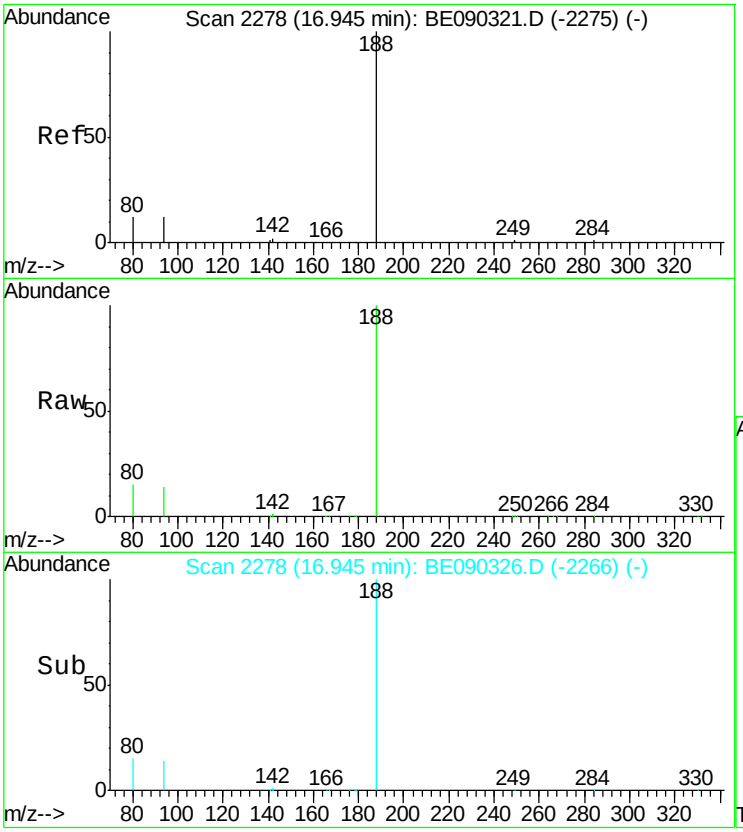


#17
Fluorene
Concen: 0.00 ng
RT: 15.28 min Scan# 2182
Delta R.T. 0.02 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:166 Resp: 7

Ion	Ratio	Lower	Upper
166	100		
165	228.6	82.6	123.8#
167	0.0	11.8	17.8#



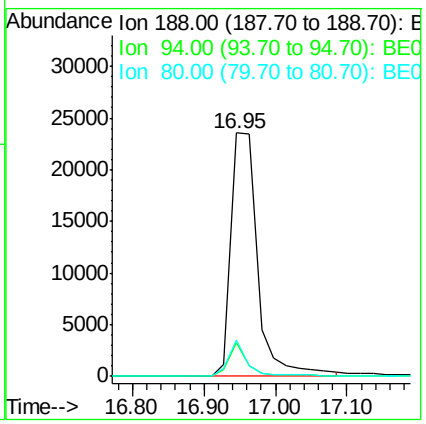


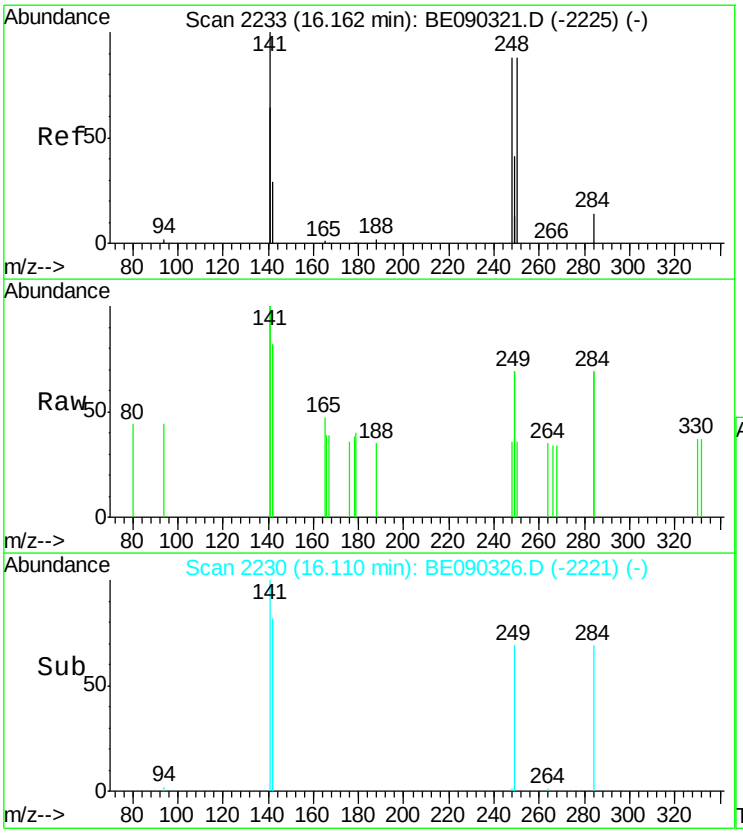
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.95 min Scan# 2278
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:188 Resp: 59666

Ion	Ratio	Lower	Upper
188	100		
94	13.7	9.5	14.3
80	15.0	10.0	15.0#

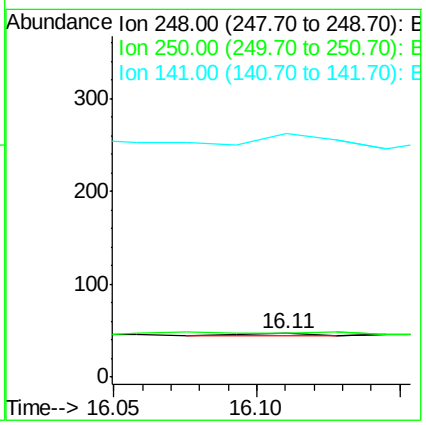


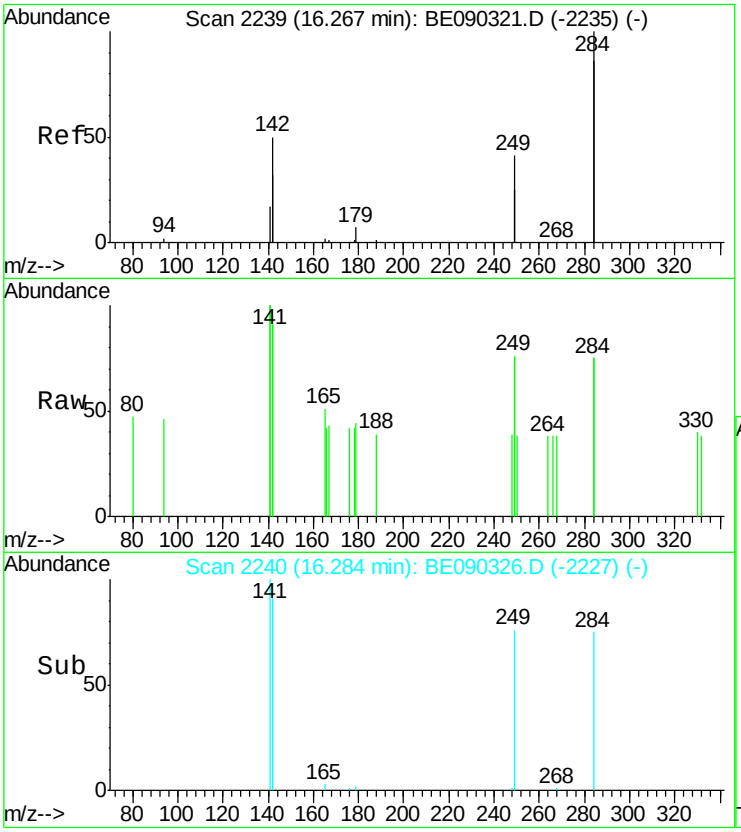


#19
4-Bromophenyl-phenylether
Concen: 0.00 ng
RT: 16.11 min Scan# 2230
Delta R.T. -0.05 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	0.0	74.0	111.0#
141	900.0	258.9	388.3#



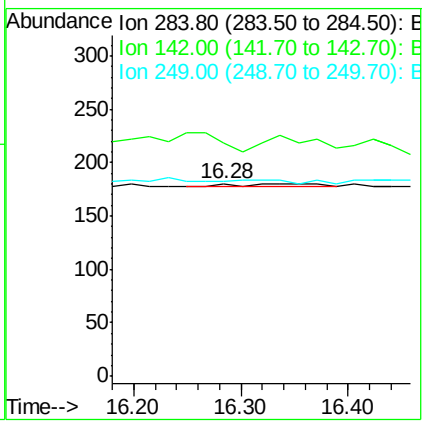


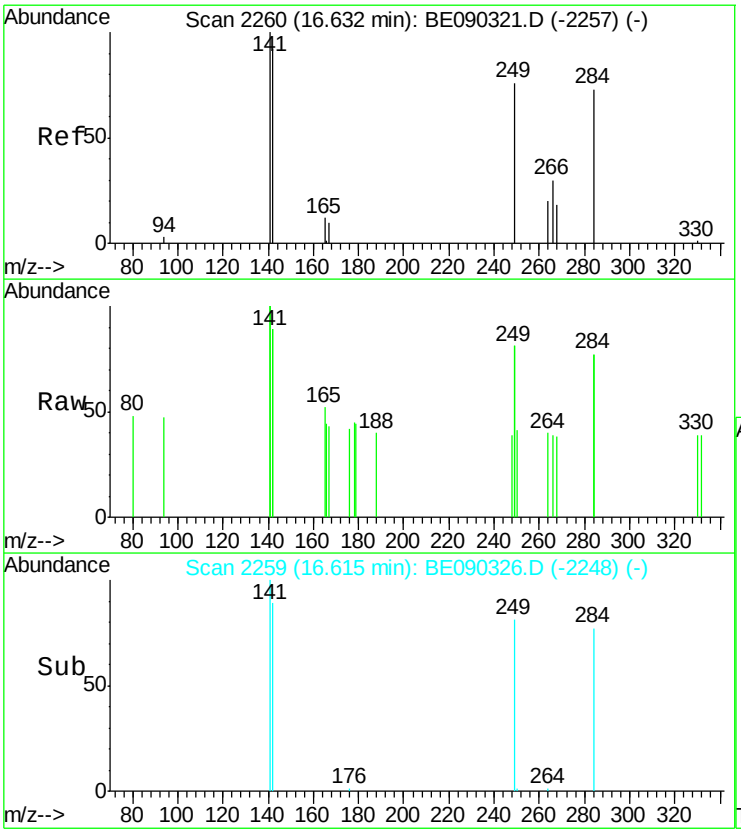
#20
Hexachlorobenzene
Concen: 0.00 ng
RT: 16.28 min Scan# 2240
Delta R.T. 0.02 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:284 Resp: 10

Ion	Ratio	Lower	Upper
284	100		
142	0.0	44.2	66.4#
249	130.0	26.4	39.6#

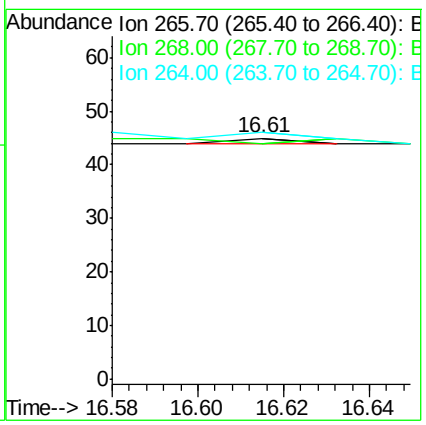


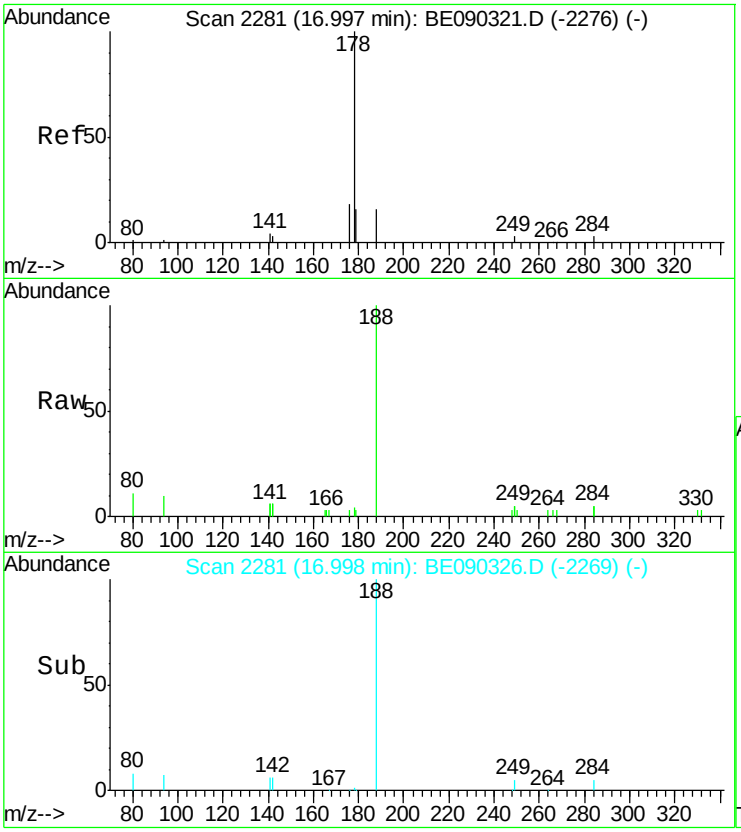


#21
Pentachlorophenol
Concen: 0.08 ng
RT: 16.61 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:266 Resp: 1

Ion	Ratio	Lower	Upper
266	100		
268	97.8	66.2	99.2
264	102.2	69.1	103.7



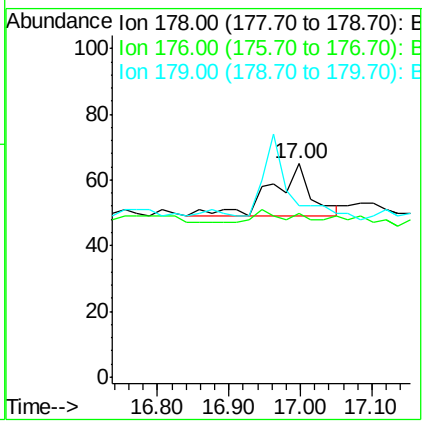


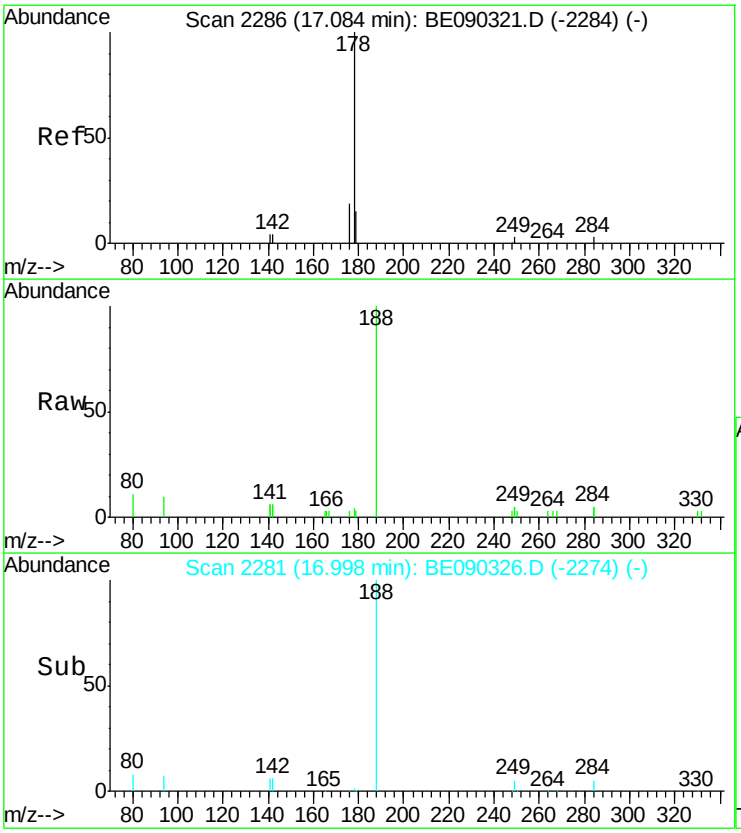
#22
Phenanthrene
Concen: 0.00 ng
RT: 17.00 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:178 Resp: 63

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.5	23.3#
179	0.0	12.6	18.8#

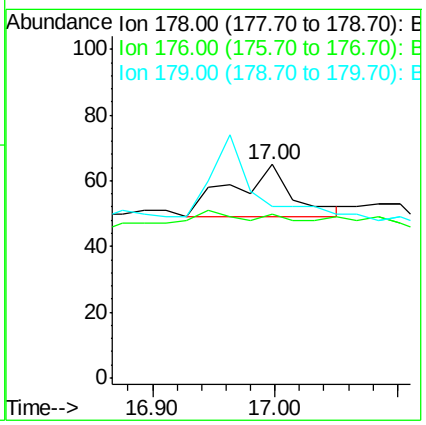


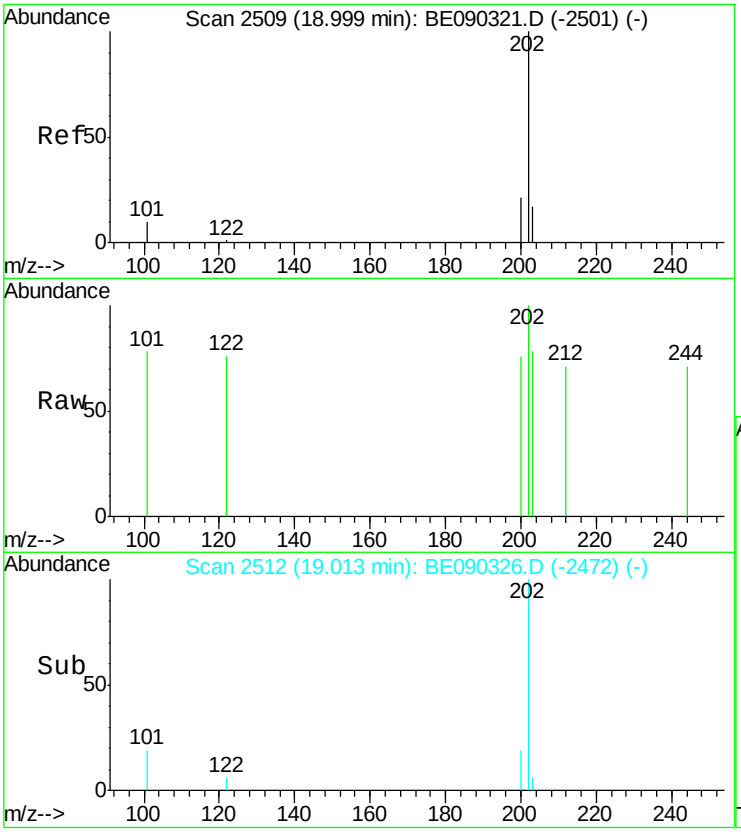


#23
Anthracene
Concen: 0.00 ng
RT: 17.00 min Scan# 2281
Delta R.T. -0.09 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:178 Resp: 55

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.1	22.7#
179	0.0	12.1	18.1#



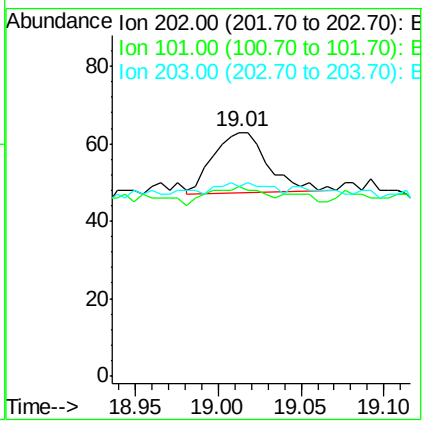


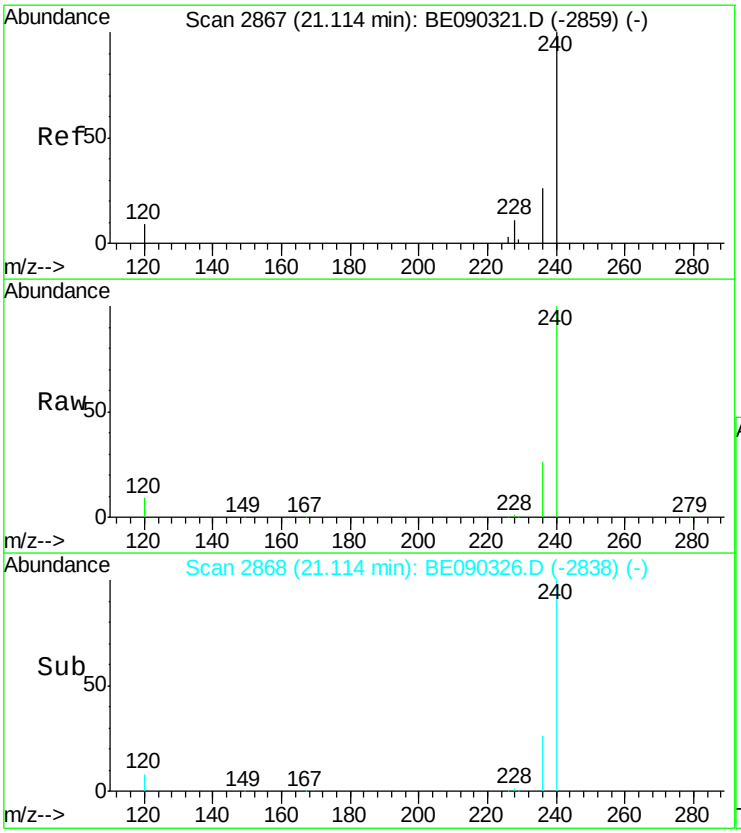
#24
Fluoranthene
Concen: 0.00 ng
RT: 19.01 min Scan# 2512
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:202 Resp: 36

Ion	Ratio	Lower	Upper
202	100		
101	30.6	8.3	12.5#
203	25.0	13.8	20.8#

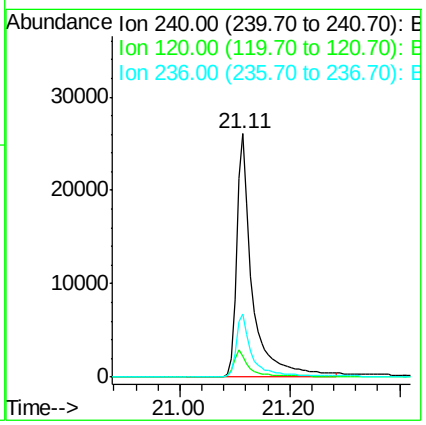


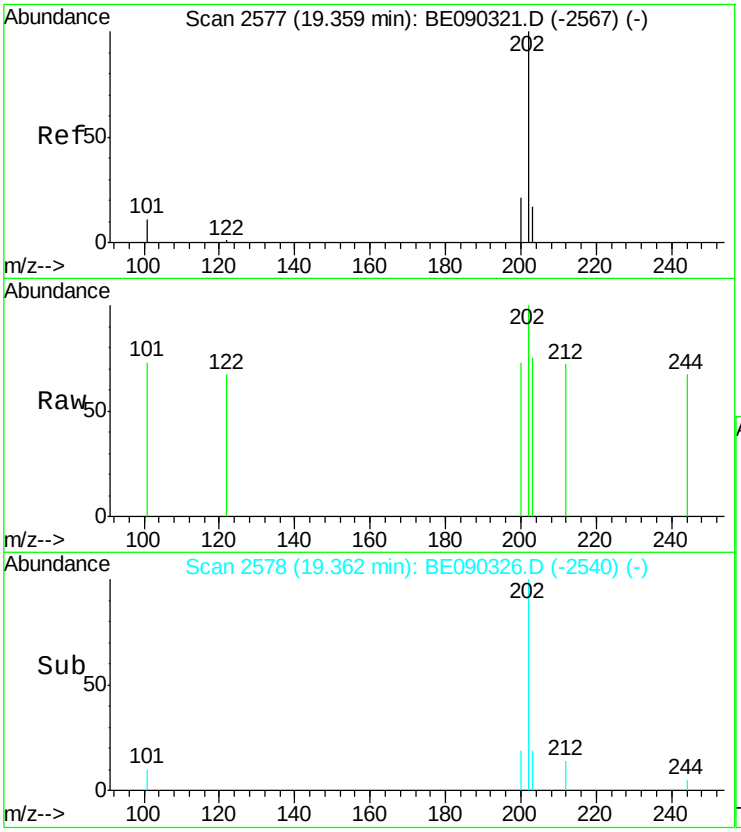


#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.11 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:240 Resp: 49720

Ion	Ratio	Lower	Upper
240	100		
120	8.7	7.5	11.3
236	25.7	21.0	31.4



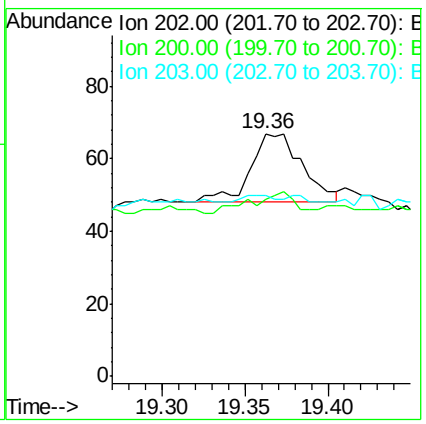


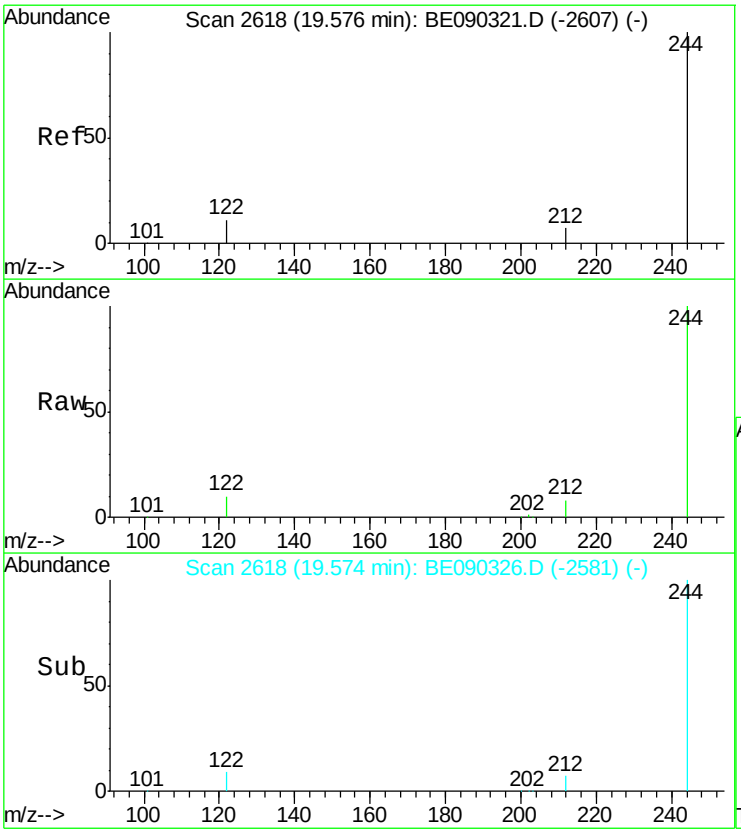
#26
Pyrene
Concen: 0.00 ng
RT: 19.36 min Scan# 2578
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:202 Resp: 41

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.6	24.8#
203	7.3	13.8	20.6#

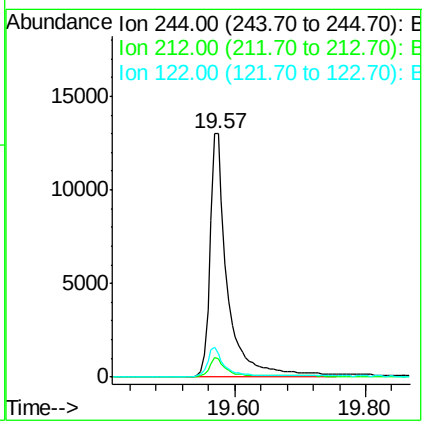


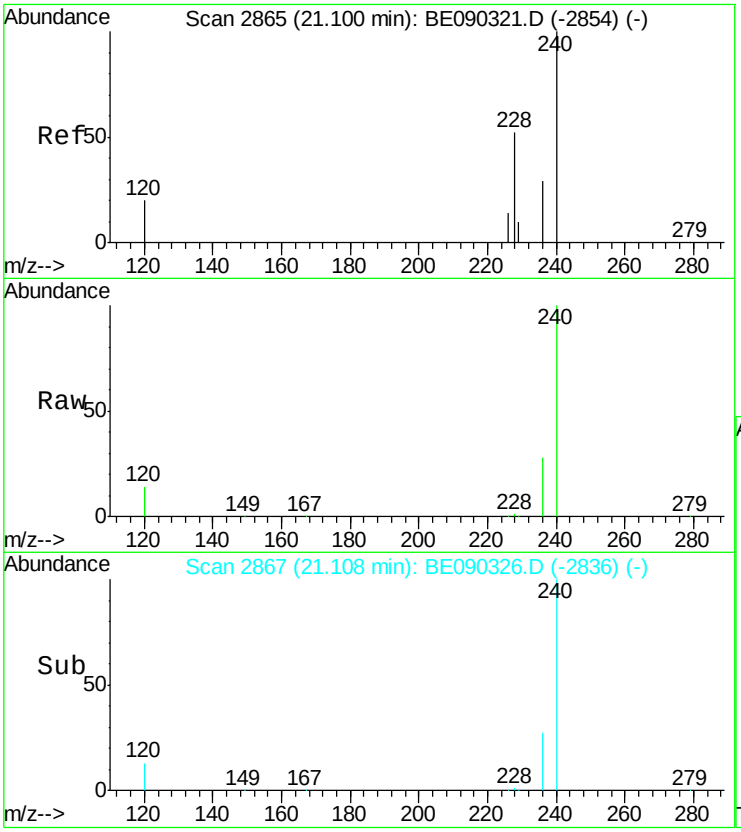


#27
Terphenyl-d14
Concen: 2.56 ng
RT: 19.57 min Scan# 2618
Delta R.T. -0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:244 Resp: 23849

Ion	Ratio	Lower	Upper
244	100		
212	7.7	7.4	11.2
122	9.8	10.4	15.6#



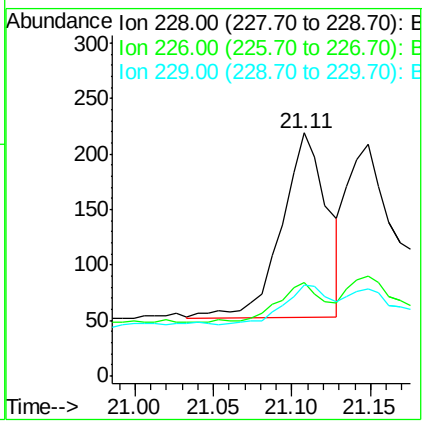


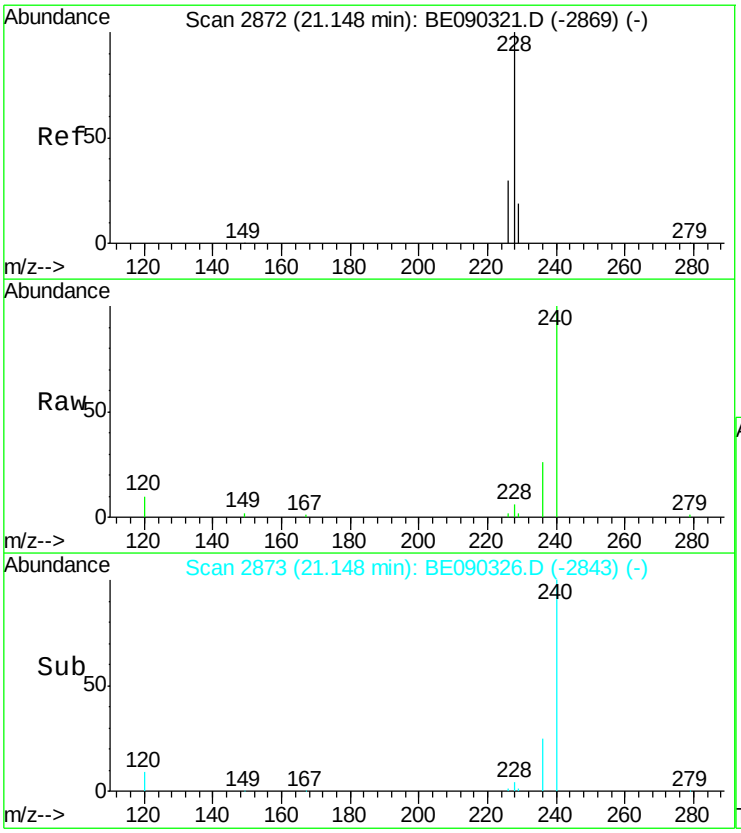
#28
Benzo(a)anthracene
Concen: 0.04 ng
RT: 21.11 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:228 Resp: 339

Ion	Ratio	Lower	Upper
228	100		
226	38.4	23.0	34.4#
229	37.4	17.4	26.2#

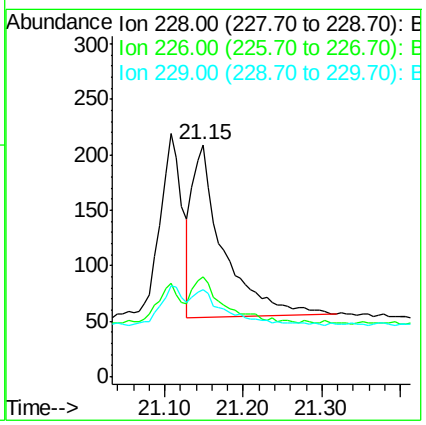


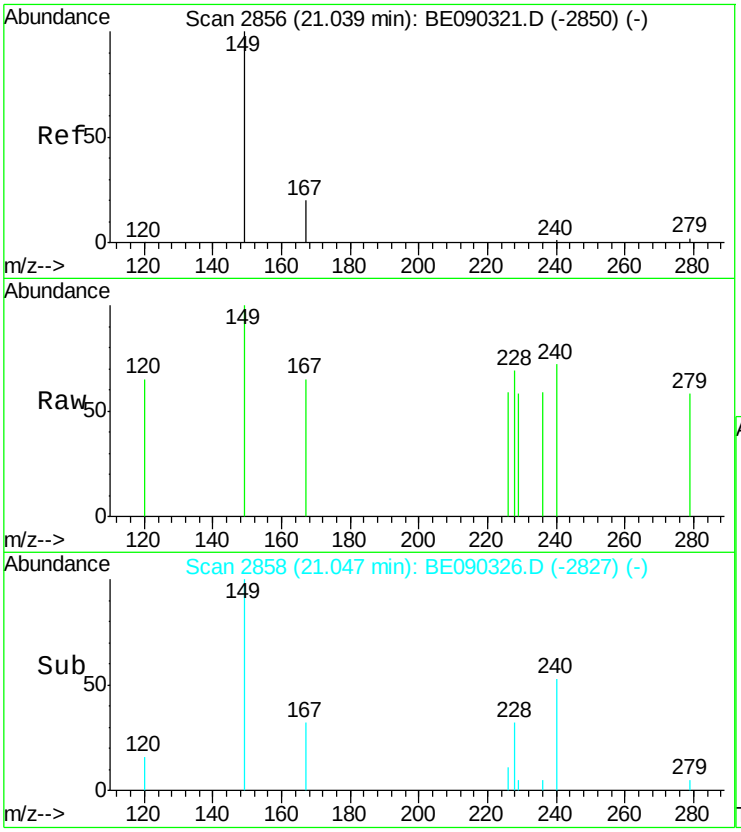


#29
Chrysene
Concen: Below Cal
RT: 21.15 min Scan# 2873
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:228 Resp: 429

Ion	Ratio	Lower	Upper
228	100		
226	43.1	24.9	37.3#
229	37.3	16.6	25.0#



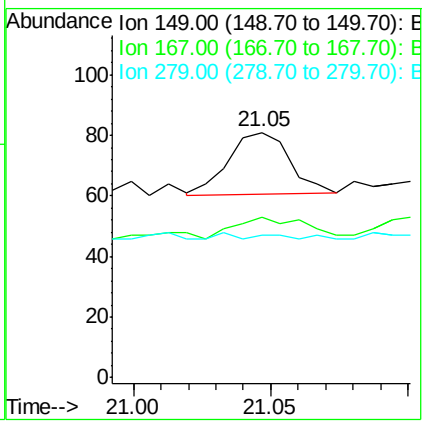


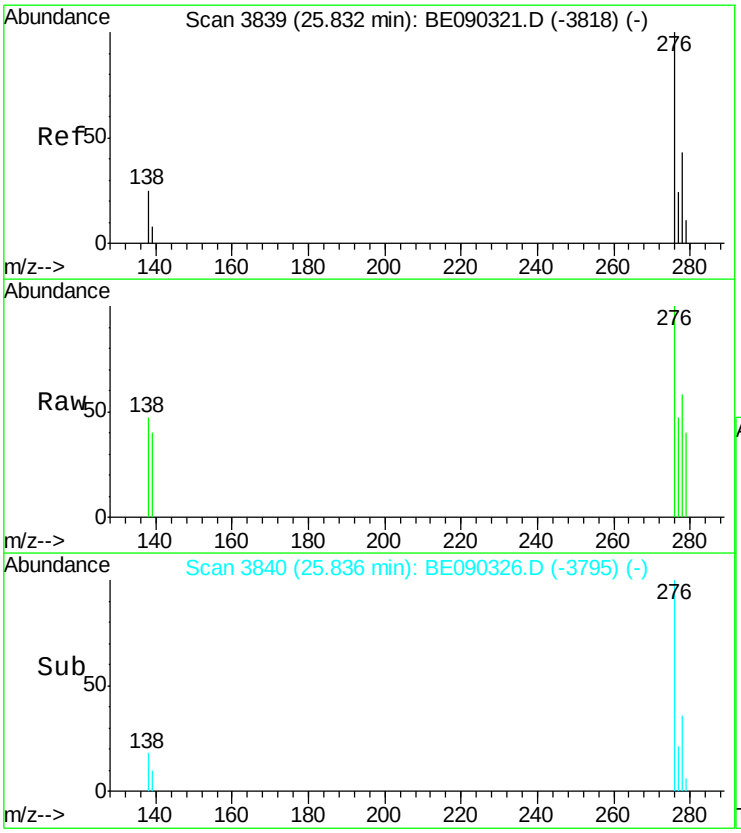
#30
Bis(2-ethylhexyl)phthalate
Concen: 0.14 ng
RT: 21.05 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:149 Resp: 32

Ion	Ratio	Lower	Upper
149	100		
167	37.5	16.6	24.8#
279	3.1	2.7	4.1

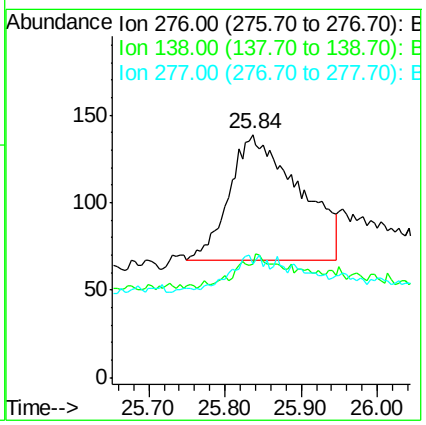


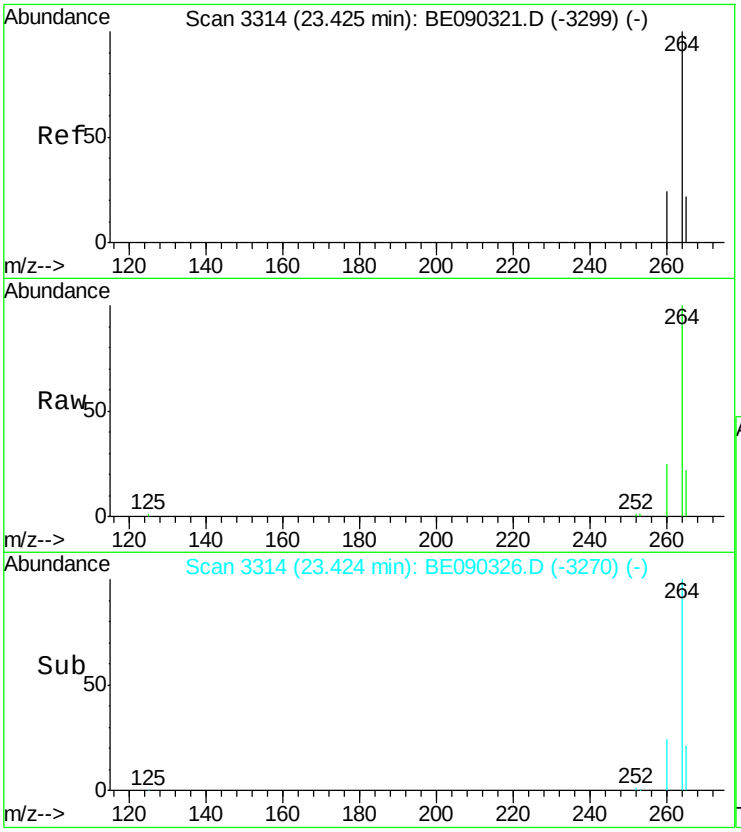


#31
Indeno(1,2,3-cd)pyrene
Concen: 0.21 ng
RT: 25.84 min Scan# 3840
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:276 Resp: 456

Ion	Ratio	Lower	Upper
276	100		
138	3.3	10.6	16.0#
277	8.8	14.6	22.0#



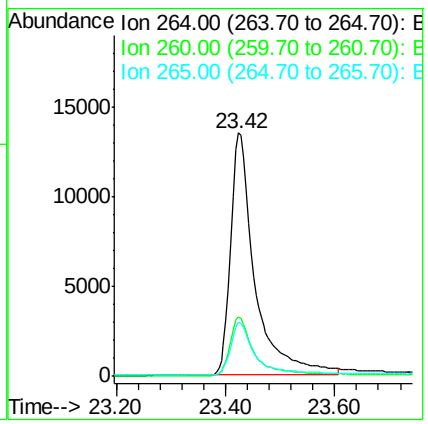


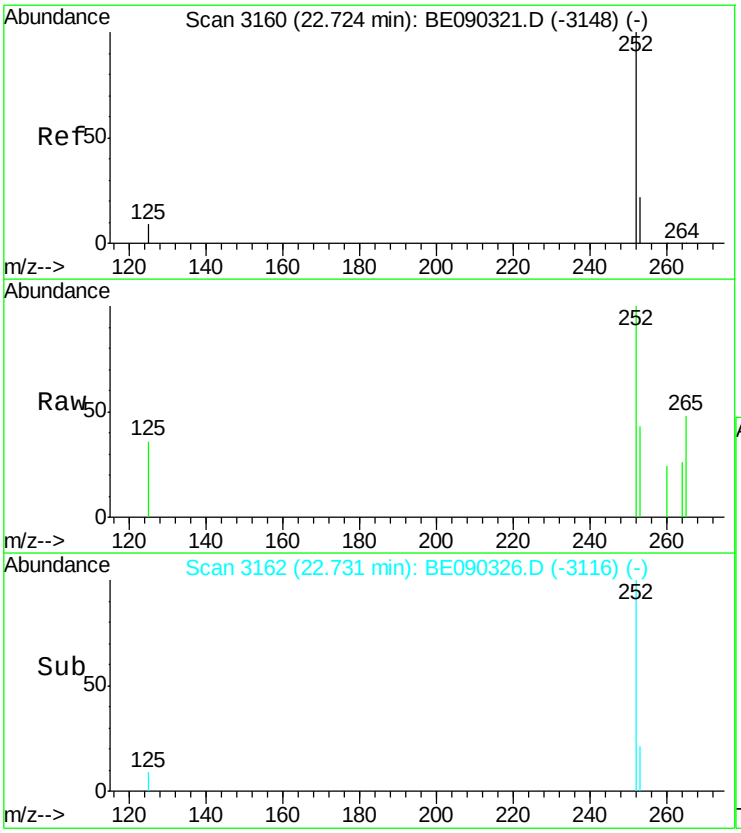
#32
Perylene-d12
Concen: 5.00 ng
RT: 23.42 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:264 Resp: 41545

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.1	30.1
265	22.1	18.6	28.0

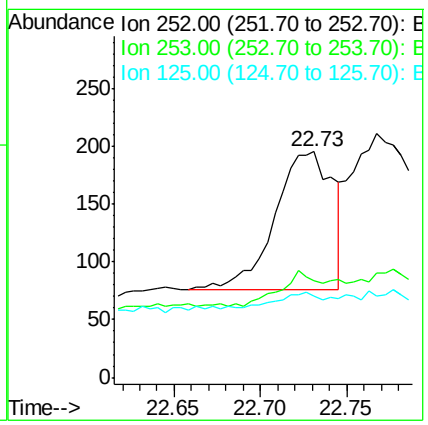


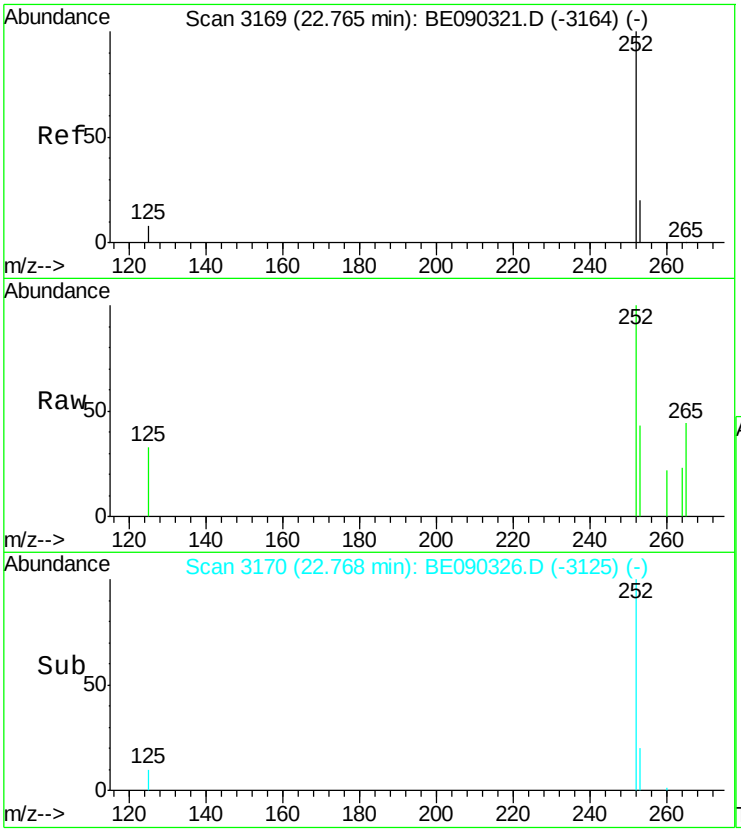


#33
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.73 min Scan# 3162
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:252 Resp: 279

Ion	Ratio	Lower	Upper
252	100		
253	43.1	21.5	32.3#
125	35.9	11.8	17.8#



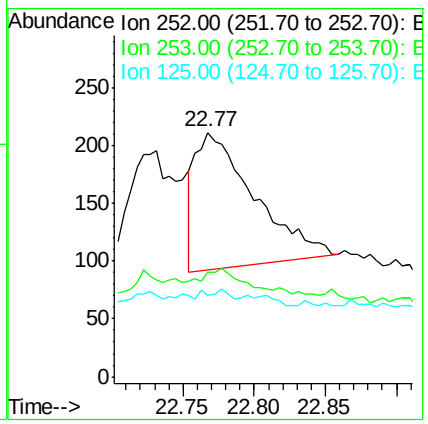


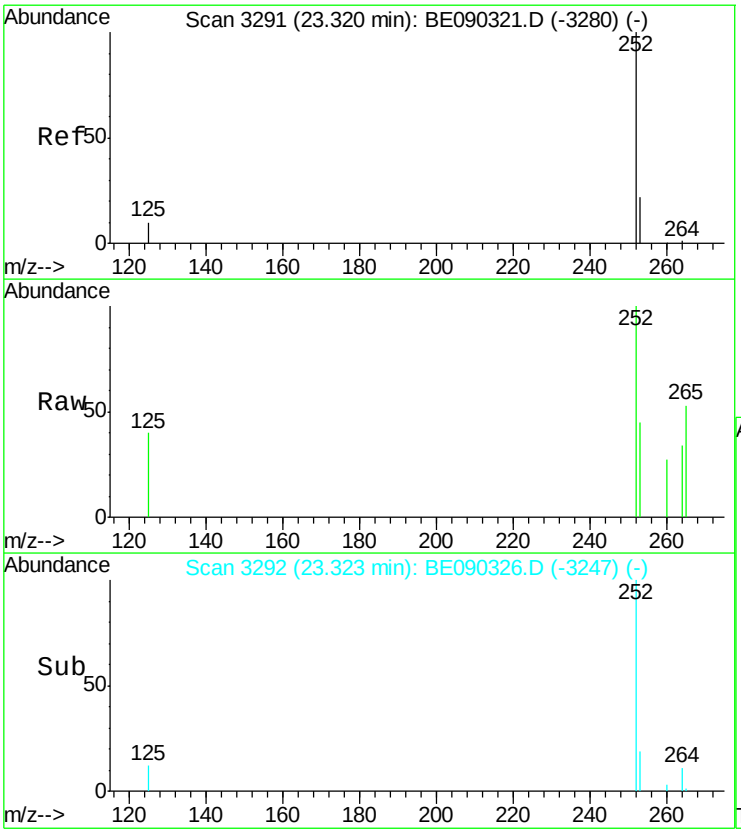
#34
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.77 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:252 Resp: 336

Ion	Ratio	Lower	Upper
252	100		
253	42.7	19.9	29.9#
125	33.2	11.2	16.8#

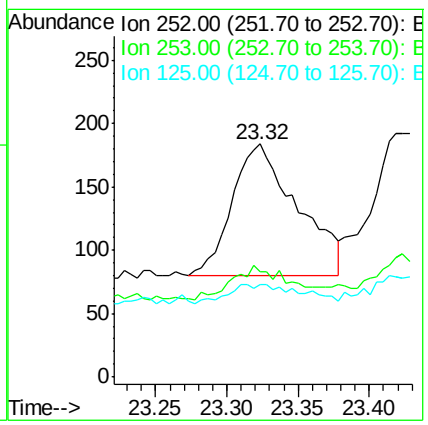


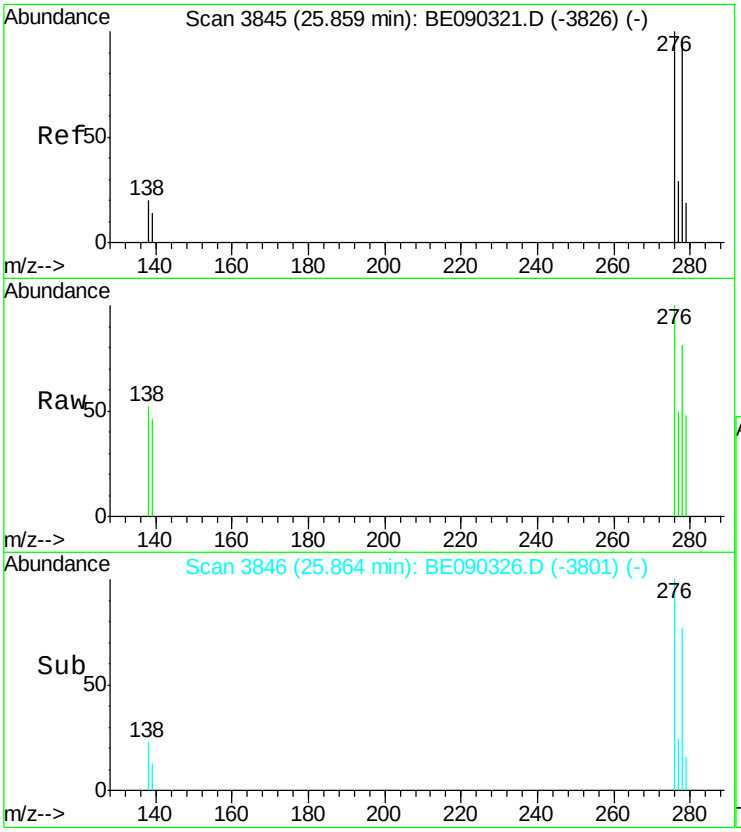


#35
Benzo(a)pyrene
Concen: 0.35 ng
RT: 23.32 min Scan# 3292
Delta R.T. 0.00 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:252 Resp: 332

Ion	Ratio	Lower	Upper
252	100		
253	45.1	23.0	34.4#
125	39.7	14.2	21.2#



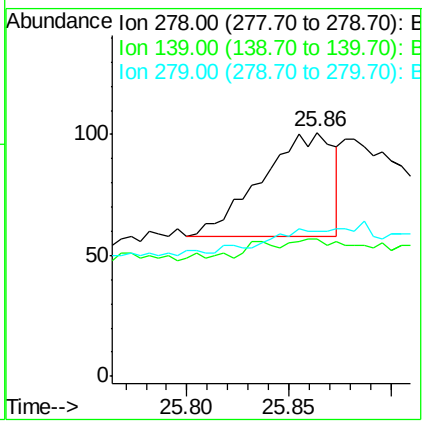


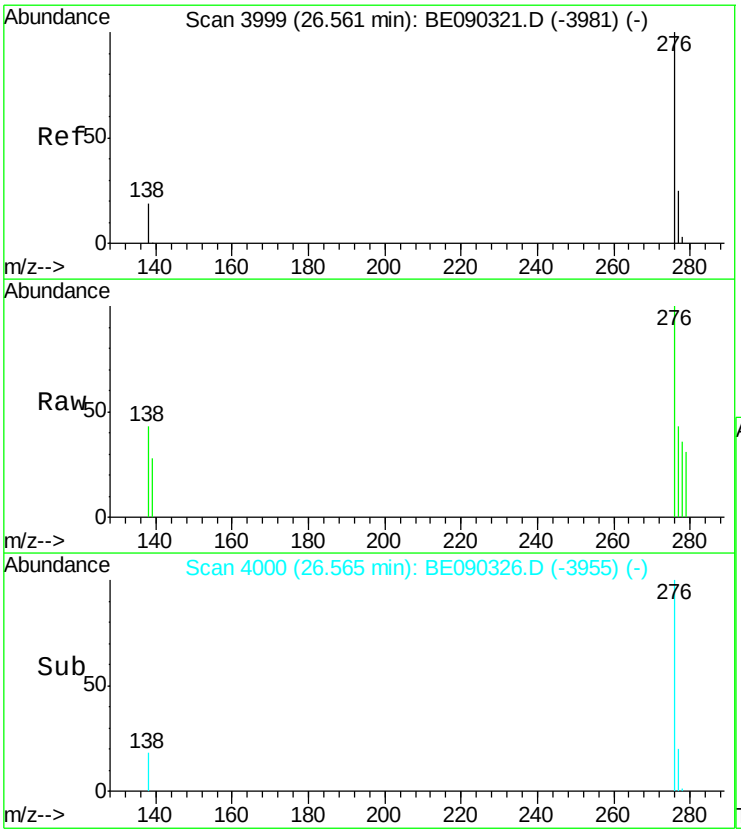
#36
Dibenzo(a,h)anthracene
Concen: 0.21 ng
RT: 25.86 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Instrument :
BNA_E
ClientSampleId :
PB84793BL

Tgt Ion:278 Resp: 105

Ion	Ratio	Lower	Upper
278	100		
139	56.4	27.8	41.6#
279	59.4	30.9	46.3#





#37
Benzo(g,h,i)perylene
Concen: 0.30 ng
RT: 26.57 min Scan# 4000
Delta R.T. 0.01 min
Lab File: BE090326.D
Acq: 4 Aug 2015 1:27

Tgt Ion:276 Resp: 466

Ion	Ratio	Lower	Upper
276	100		
277	42.8	25.6	38.4#
138	43.4	22.0	33.0#