Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090977.D
Acq On : 28 Sep 2015 21:57
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE092815

Quant Time: Sep 29 07:34:28 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 05:34:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	70213	5.00	ng		0.00
7) Naphthalene-d8	10.24	136	344285	5.00	ng		-0.01
13) Acenaphthene-d10	14.11	164	197650	5.00	ng		0.00
19) Phenanthrene-d10	16.86	188	450811	5.00	ng		0.00
26) Chrysene-d12	21.02	240	545315	5.00	ng		0.00
35) Perylene-d12	23.27	264	516946	5.00	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.11	112	11368	0.43	ng		0.00
5) Phenol-d6	6.68	99	17537	0.45	ng		-0.03
8) Nitrobenzene-d5	8.64	82	18752	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.62	330	4909	0.42	ng		-0.02
15) 2-Fluorobiphenyl	12.73	172	47386	0.38	ng		-0.01
29) Terphenyl-d14	19.48	244	66897	0.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	8262	0.31	ng		98
3) n-Nitrosodimethylamine	3.38	42	10876	0.40	ng		93
6) bis(2-Chloroethyl)ether	6.92	93	16762	0.41	ng	#	75
9) Nitrobenzene	8.68	77	20578	0.46	ng		98
10) Naphthalene	10.29	128	65356	0.37	ng		99
11) Hexachlorobutadiene	10.58	225	10299	0.33	ng		98
12) 2-Methylnaphthalene	11.92	142	41006	0.39	ng		99
16) Acenaphthylene	13.82	152	289594	0.38	ng		100
17) Acenaphthene	14.17	154	45823	0.37	ng		98
18) Fluorene	15.17	166	57597	0.38	ng		100
20) 4-Bromophenyl-phenylether	16.06	248	15081	0.38	ng		92
21) Hexachlorobenzene	16.18	284	73735	0.35	ng		100
22) Pentachlorophenol	16.54	266	4878	0.45	ng		92
23) Phenanthrene	16.89	178	101358	0.39	ng		100
24) Anthracene	17.00	178	89155	0.42	ng		99
25) Fluoranthene	18.90	202	114012	0.41	ng		100
27) Benzidine	19.13	184	2238	0.11	ng		93
28) Pyrene	19.26	202	126136	0.43	ng		100
30) Benzo(a)anthracene	21.00	228	120697	0.42	ng		98
31) 3,3'-Dichlorobenzidine	20.96	252	20591	0.51	ng	#	96
32) Chrysene	21.05	228	127929	0.38	ng		100
33) Bis(2-ethylhexyl)phthalate	20.95	149	56956	0.70	ng		98
34) Indeno(1,2,3-cd)pyrene	25.59	276	136755	0.47	ng		99
36) Benzo(b)fluoranthene	22.59	252	110039	0.43	ng		99
37) Benzo(k)fluoranthene	22.63	252	125035	0.39	ng		100
38) Benzo(a)pyrene	23.17	252	99574	0.44	ng		98
39) Dibenzo(a,h)anthracene	25.61	278	106571	0.47	ng		99
40) Benzo(g,h,i)perylene	26.30	276	106731	0.43	ng		100

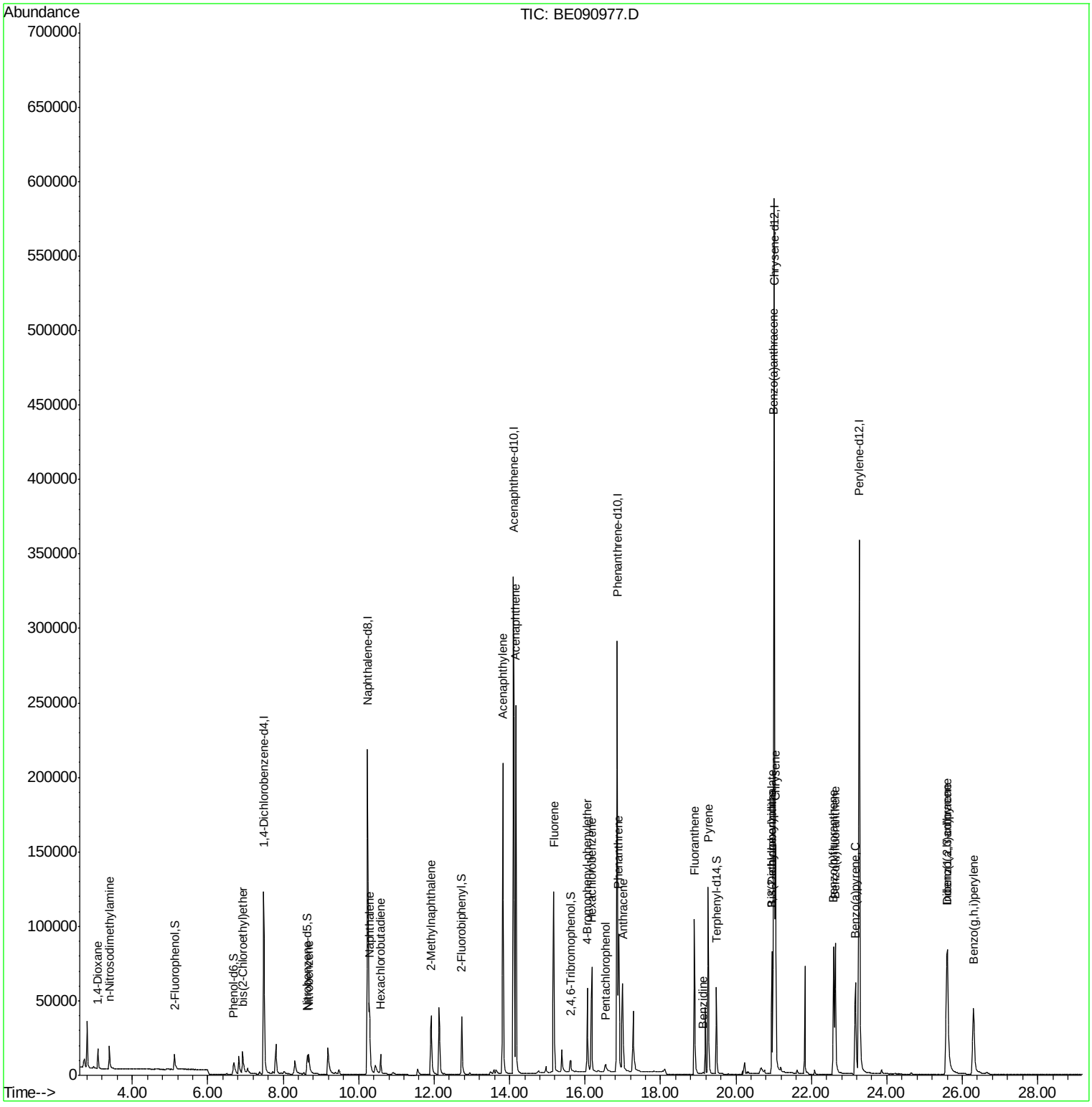
(#) = qualifier out of range (m) = manual integration (+) = signals summed

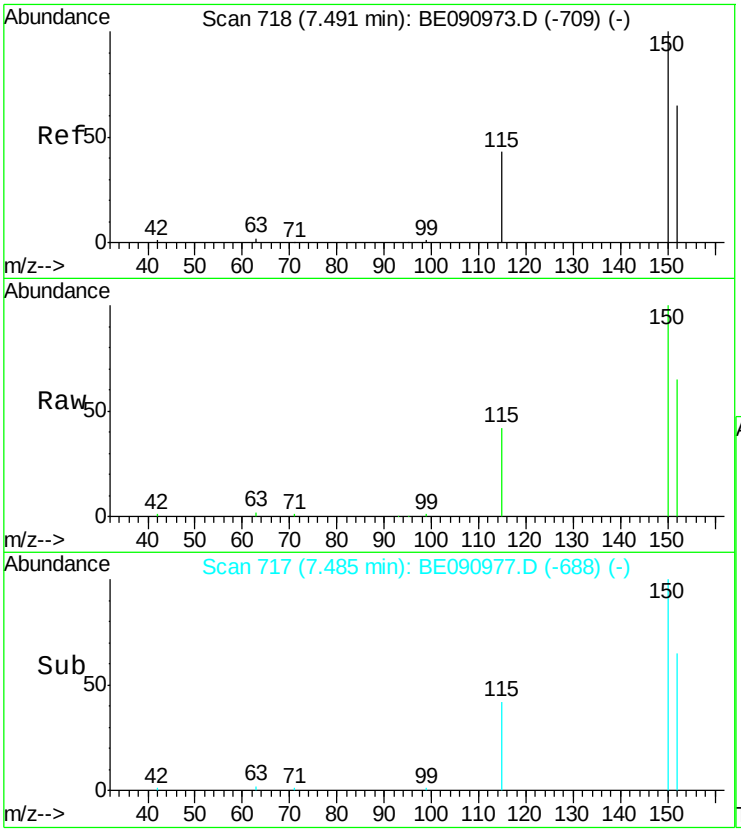
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE092815\
Data File : BE090977.D
Acq On : 28 Sep 2015 21:57
Operator : UM/IZ
Sample : SSTDICV001
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Quant Time: Sep 29 07:34:28 2015
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 29 05:34:47 2015
Response via : Initial Calibration



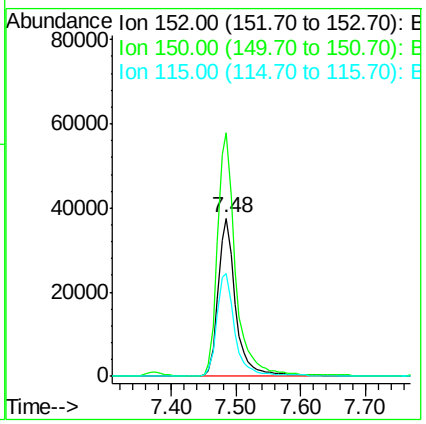


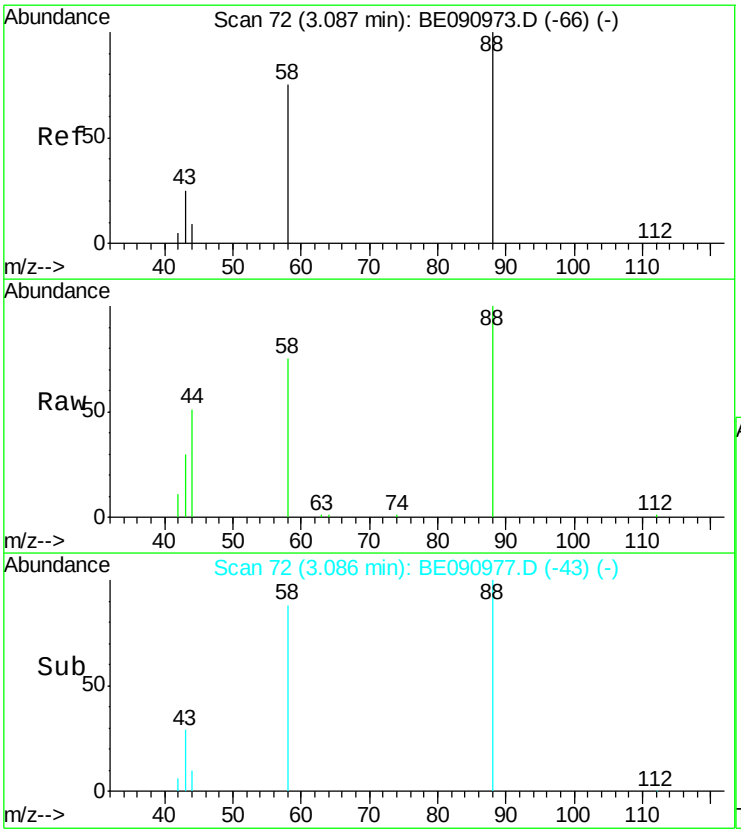
#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.48 min Scan# 717
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:152 Resp: 70213

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.6	183.8
115	65.4	52.8	79.2

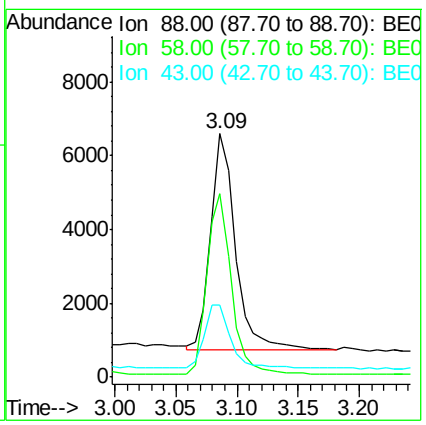


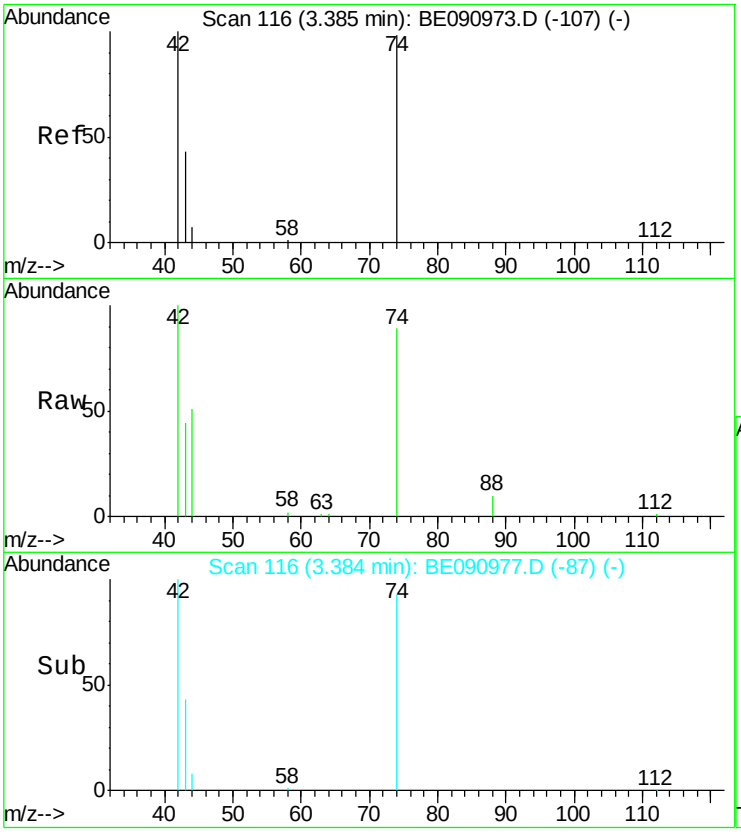


#2
1,4-Dioxane
Concen: 0.31 ng
RT: 3.09 min Scan# 72
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion: 88 Resp: 8262

Ion	Ratio	Lower	Upper
88	100		
58	83.4	65.8	98.6
43	30.1	25.3	37.9



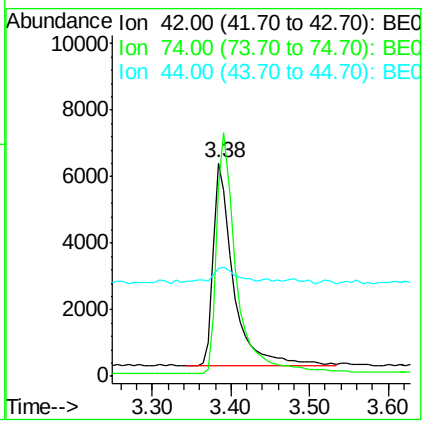


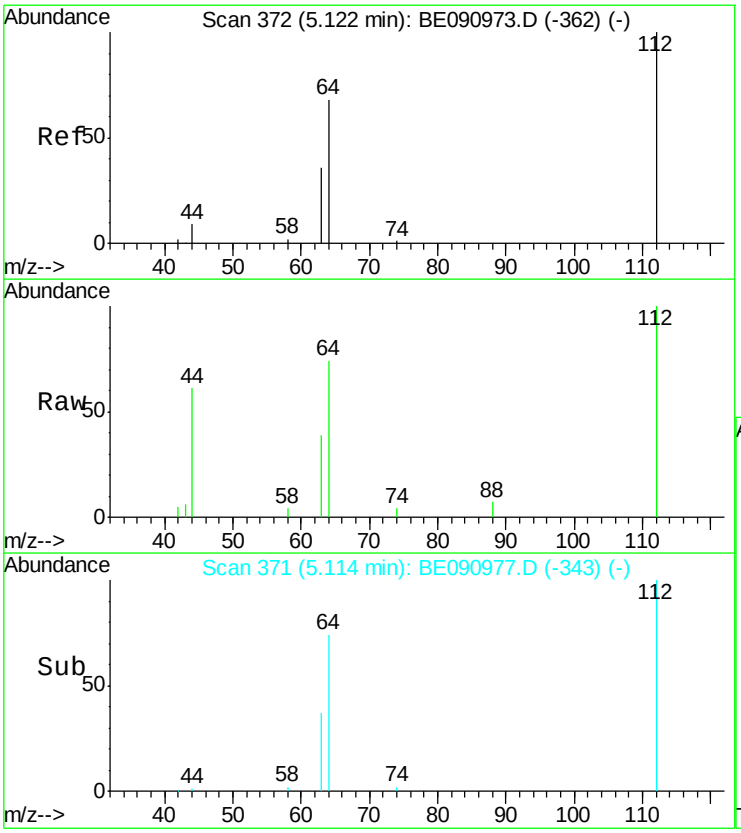
#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.38 min Scan# 116
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion: 42 Resp: 10876

Ion	Ratio	Lower	Upper
42	100		
74	117.3	87.9	131.9
44	7.8	6.6	9.8

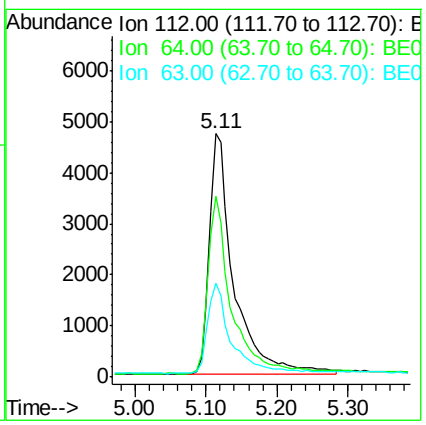


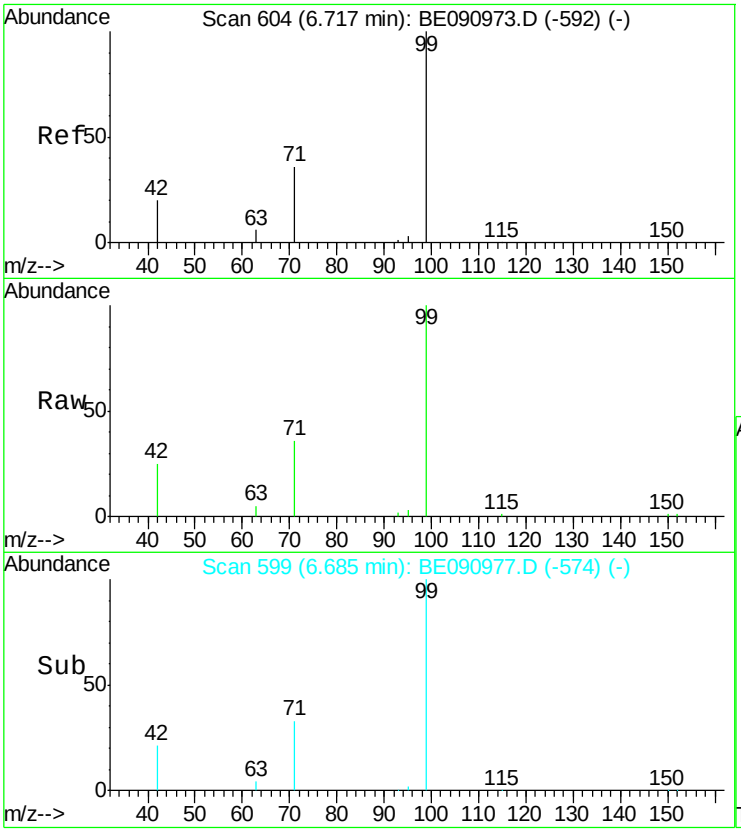


#4
2-Fluorophenol
Concen: 0.43 ng
RT: 5.11 min Scan# 371
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:112 Resp: 11368

Ion	Ratio	Lower	Upper
112	100		
64	71.0	30.9	46.3#
63	36.0	16.7	25.1#



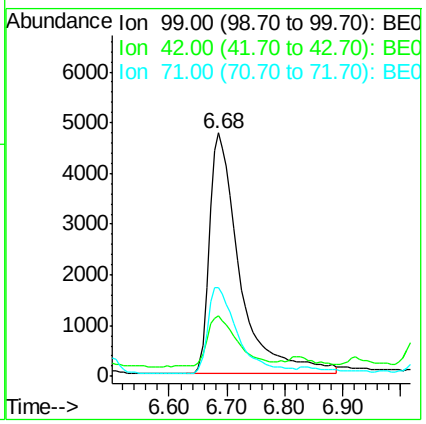


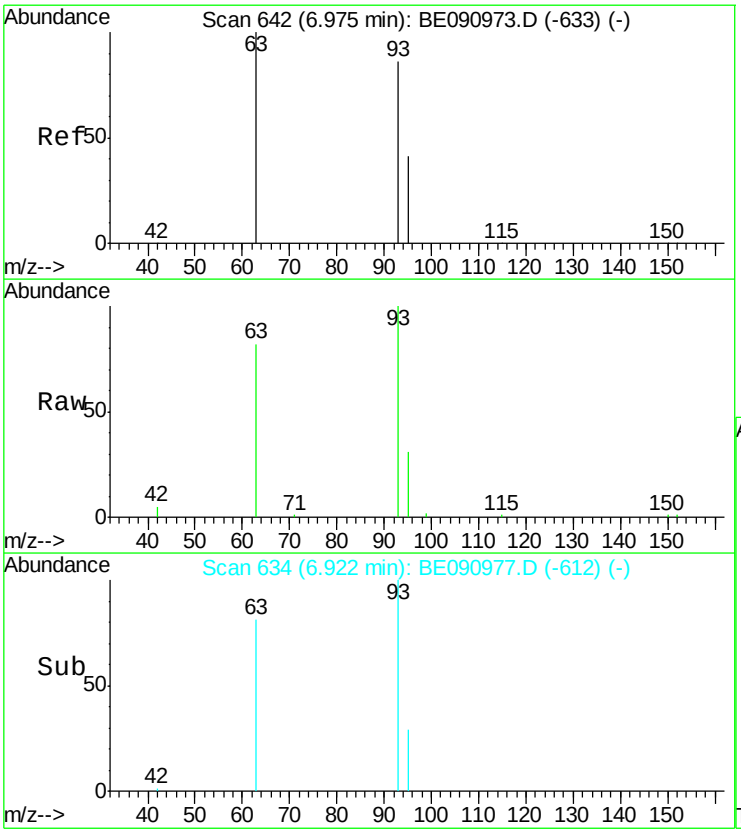
#5
Phenol-d6
Concen: 0.45 ng
RT: 6.68 min Scan# 599
Delta R.T. -0.03 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion: 99 Resp: 17537

Ion	Ratio	Lower	Upper
99	100		
42	21.2	16.2	24.2
71	35.4	29.0	43.4

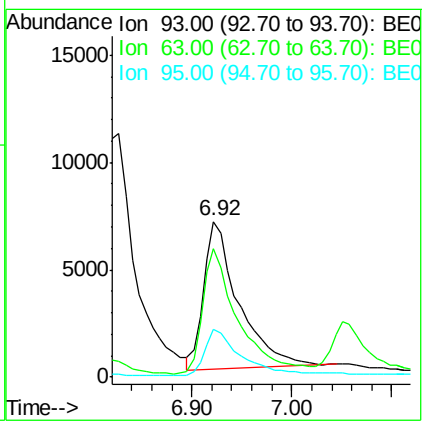


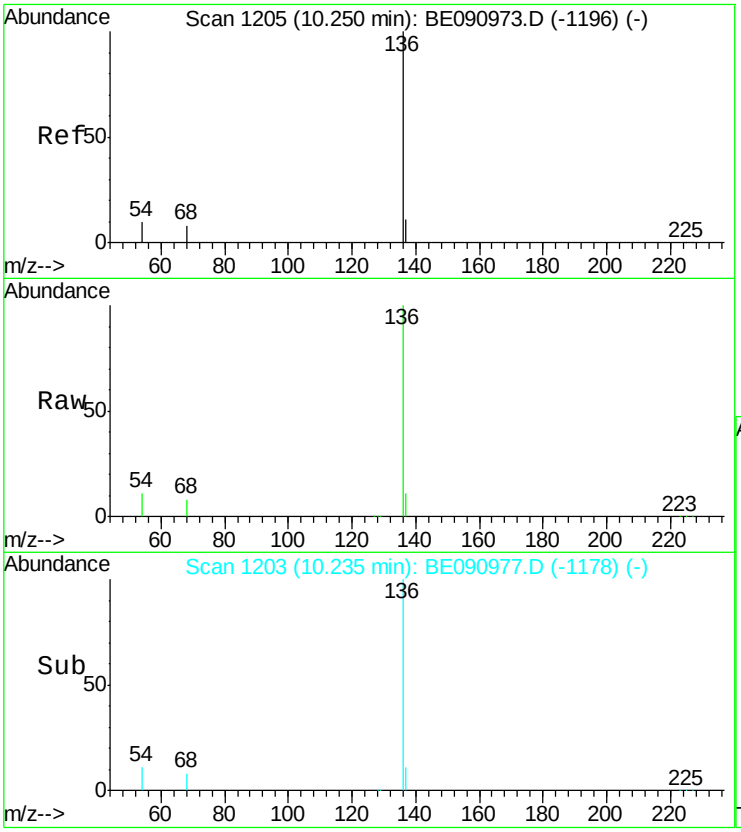


#6
bis(2-Chloroethyl)ether
Concen: 0.41 ng
RT: 6.92 min Scan# 634
Delta R.T. -0.05 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion: 93 Resp: 16762

Ion	Ratio	Lower	Upper
93	100		
63	85.5	49.5	74.3#
95	33.9	22.2	33.4#



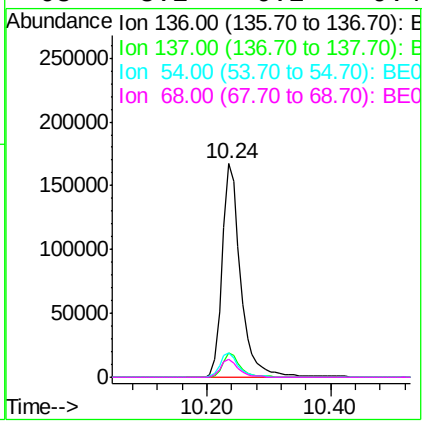


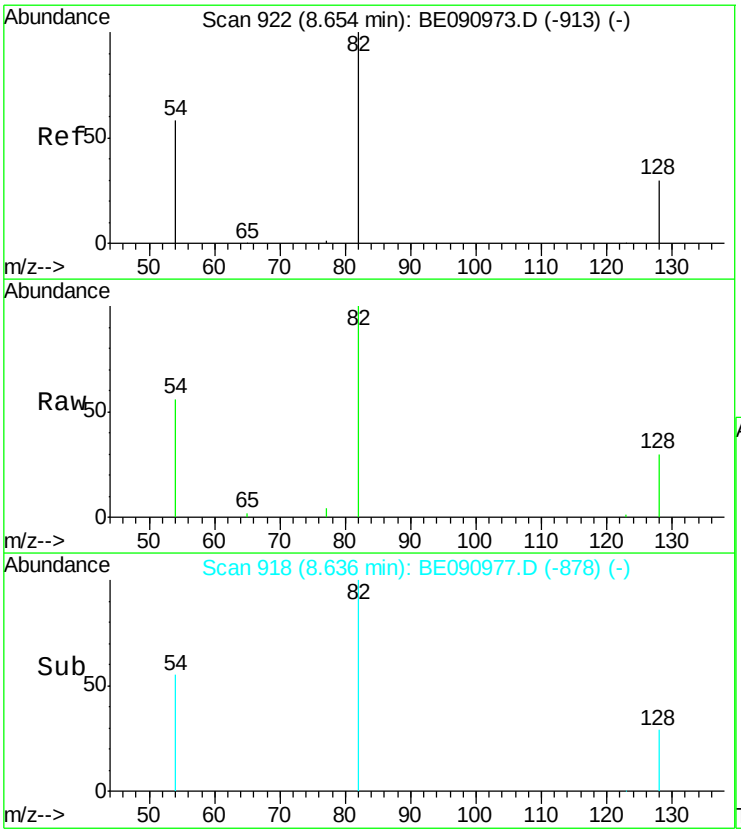
#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.24 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:136 Resp: 344285

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	11.1	8.2	12.4
68	8.2	6.2	9.4

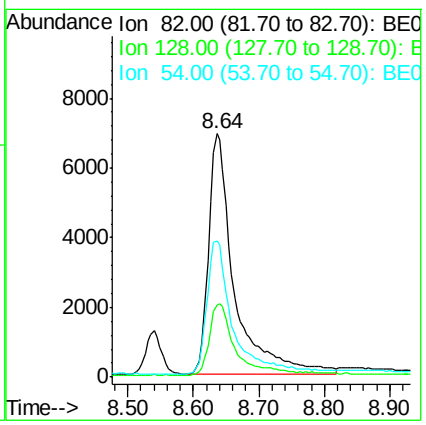


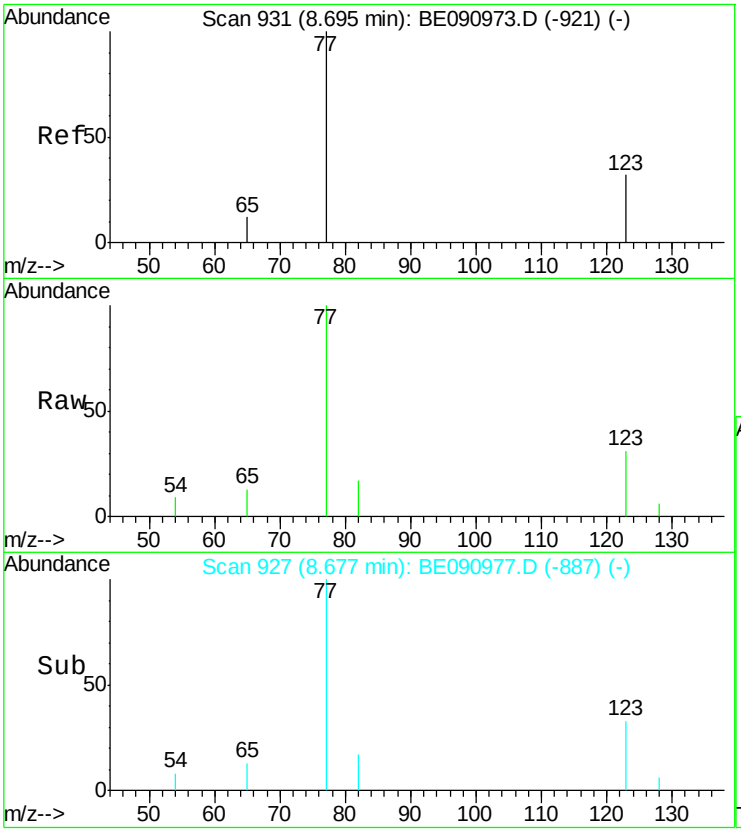


#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.64 min Scan# 918
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion: 82 Resp: 18752

Ion	Ratio	Lower	Upper
82	100		
128	29.8	25.4	38.0
54	55.9	48.4	72.6



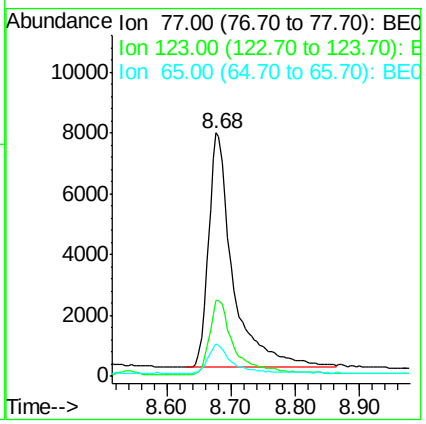


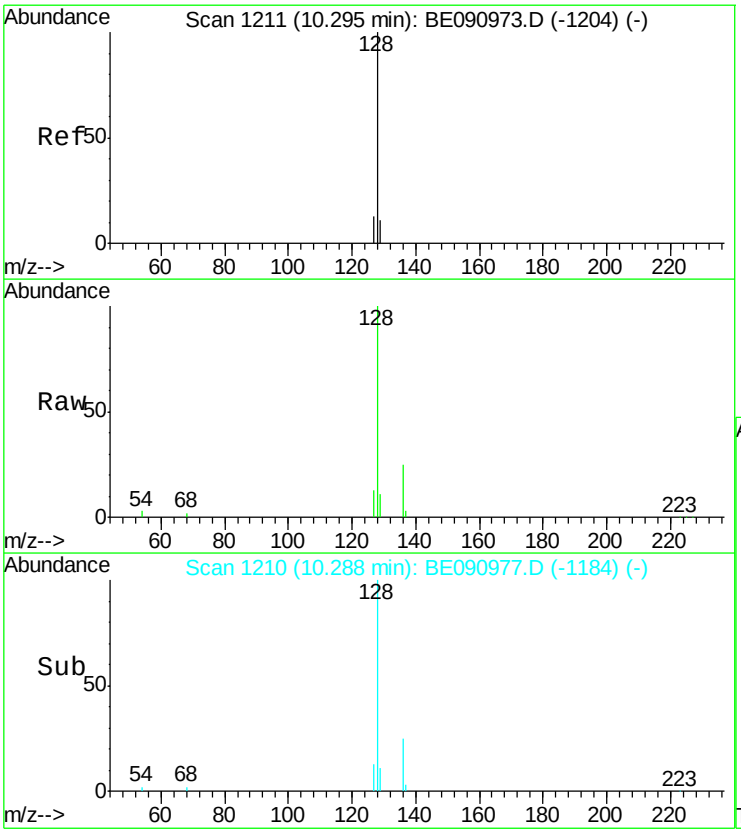
#9
Nitrobenzene
Concen: 0.46 ng
RT: 8.68 min Scan# 927
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion: 77 Resp: 20578

Ion	Ratio	Lower	Upper
77	100		
123	32.3	26.9	40.3
65	12.0	9.4	14.2

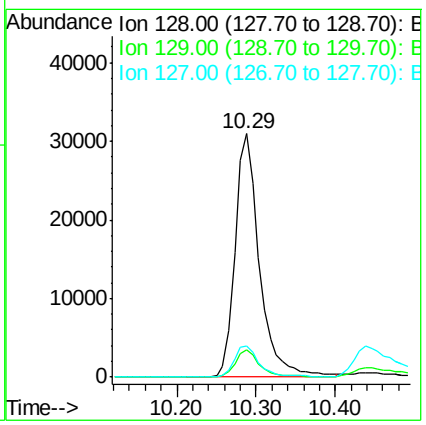


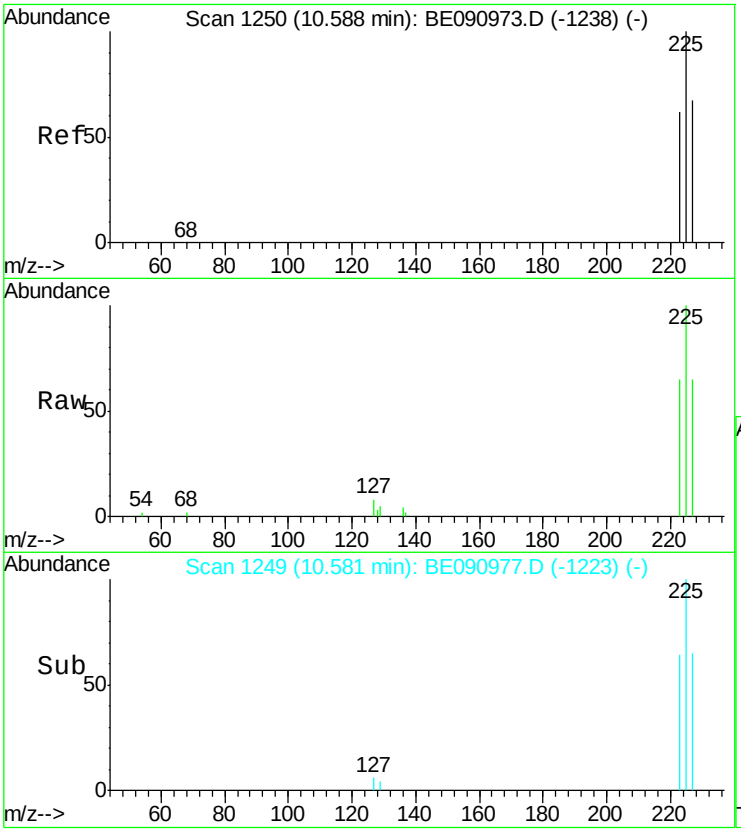


#10
Naphthalene
Concen: 0.37 ng
RT: 10.29 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:128 Resp: 65356

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	12.9	10.7	16.1



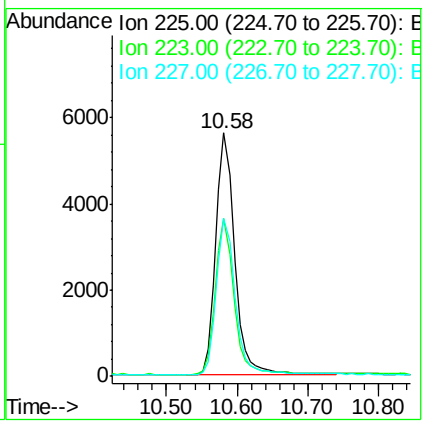


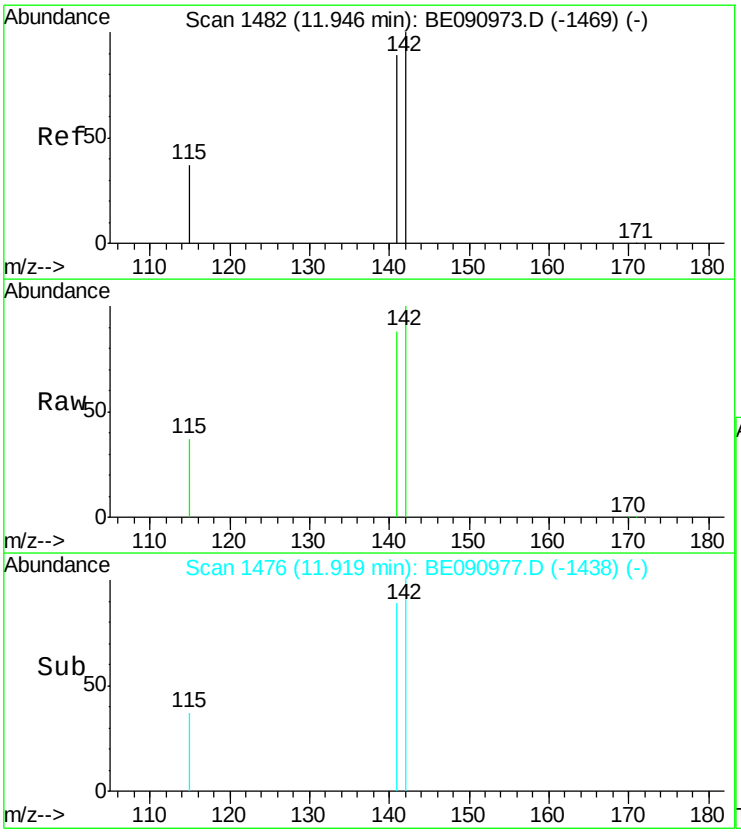
#11
Hexachlorobutadiene
Concen: 0.33 ng
RT: 10.58 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:225 Resp: 10299

Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	64.4	50.3	75.5

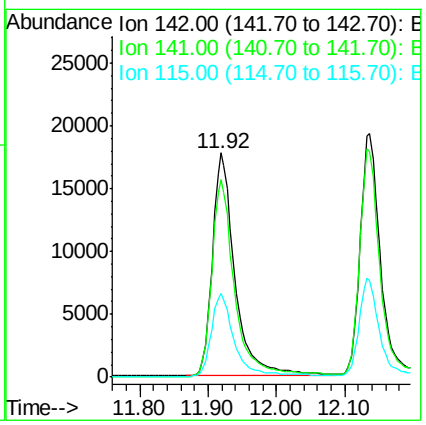


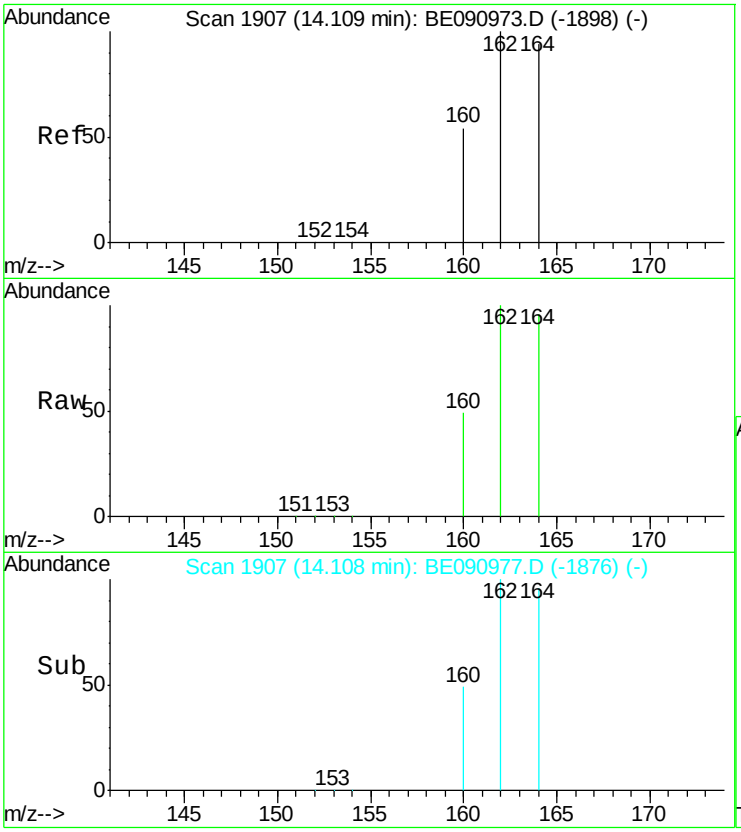


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.92 min Scan# 1476
Delta R.T. -0.03 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:142 Resp: 41006

Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.0
115	37.2	30.3	45.5



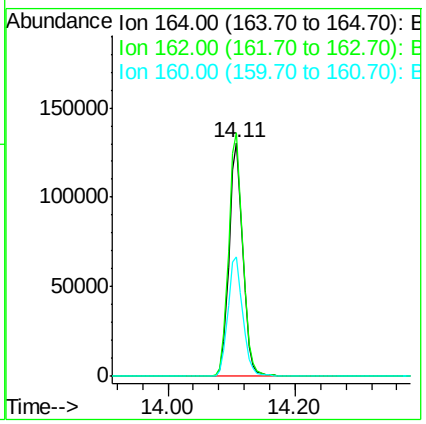


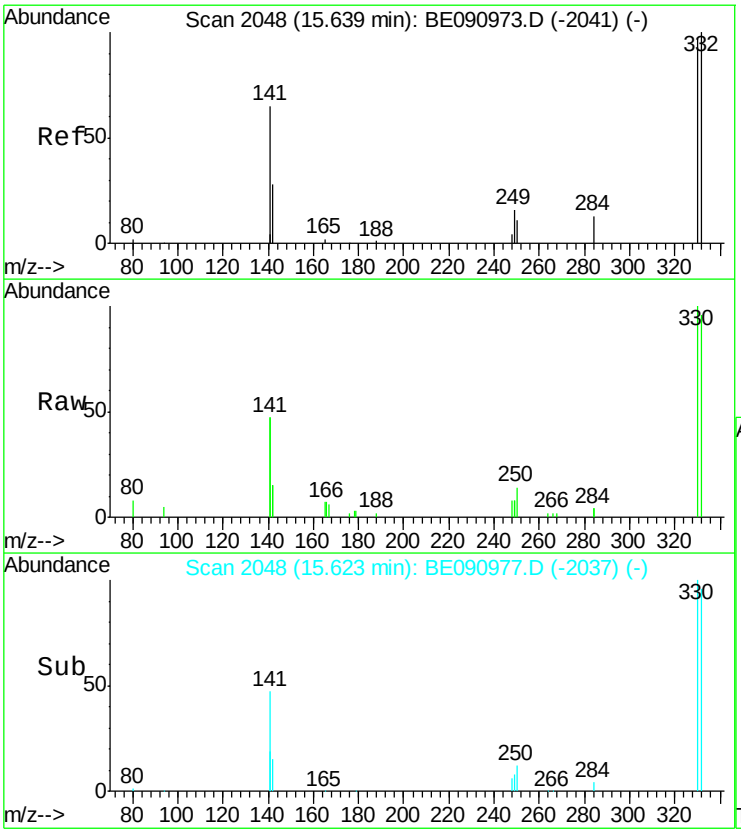
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.11 min Scan# 1907
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:164 Resp: 197650

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.3	127.9
160	51.0	46.2	69.2

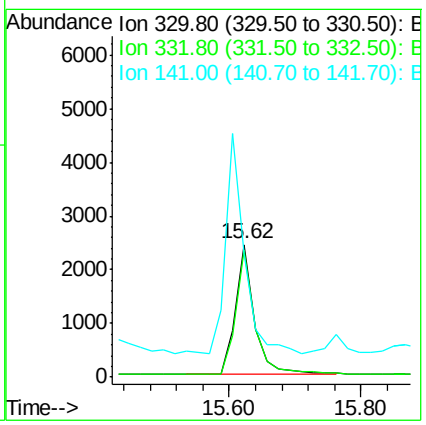


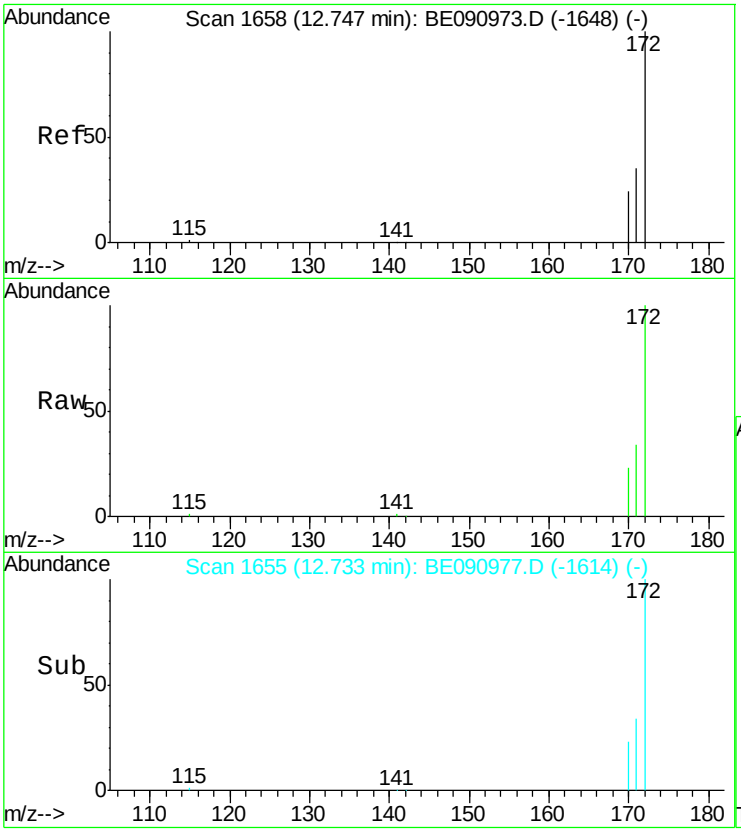


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.62 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:330 Resp: 4909

Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.1	118.7
141	160.2	125.4	188.0



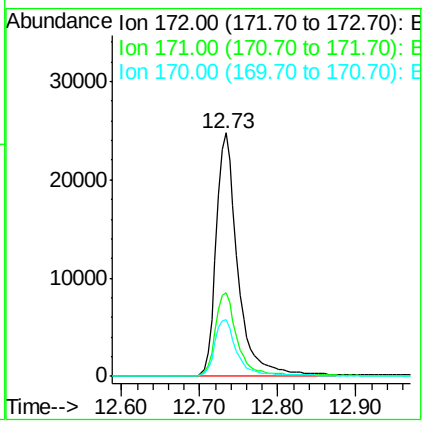


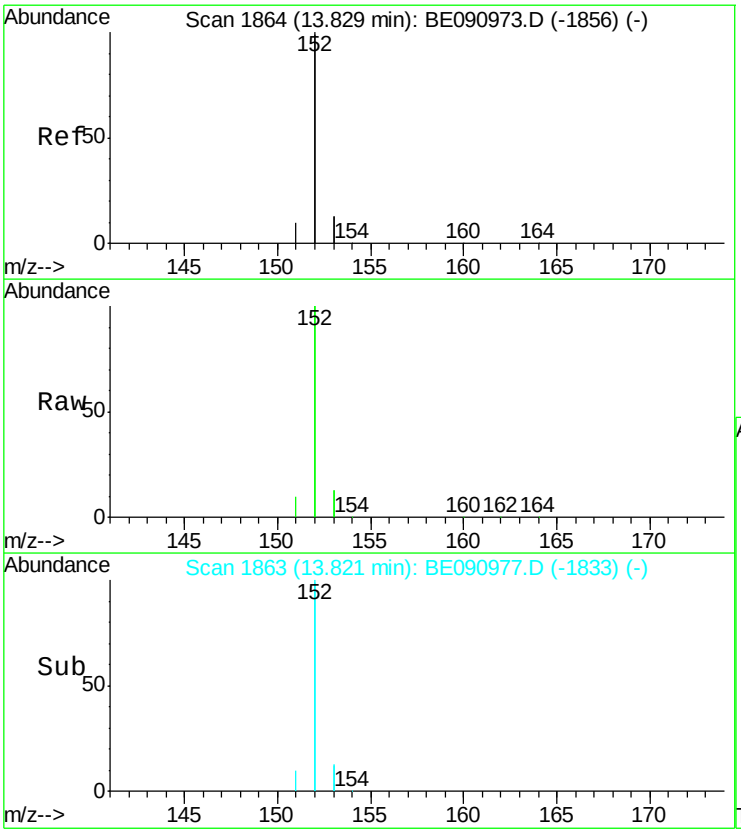
#15
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 12.73 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:172 Resp: 47386

Ion	Ratio	Lower	Upper
172	100		
171	34.3	28.8	43.2
170	23.4	19.3	28.9

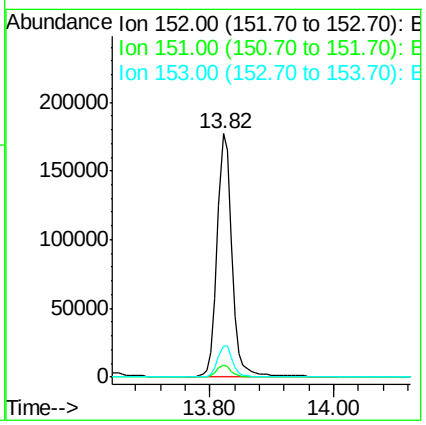


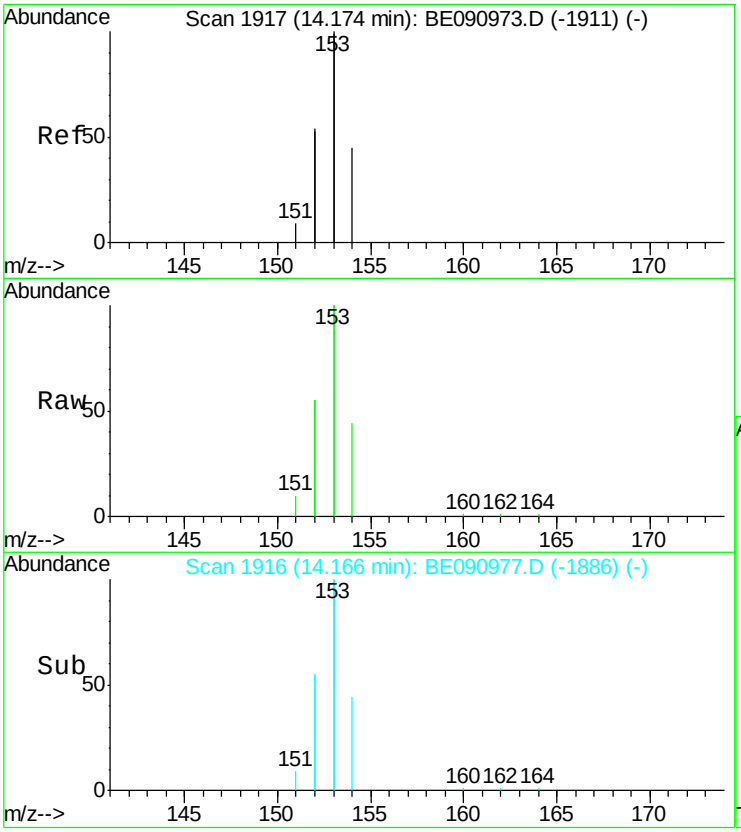


#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.82 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:152 Resp: 289594

Ion	Ratio	Lower	Upper
152	100		
151	4.9	3.9	5.9
153	12.9	10.3	15.5



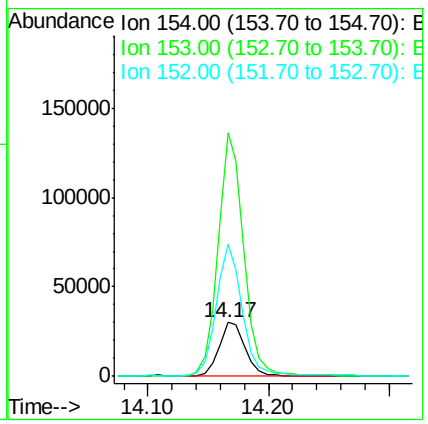


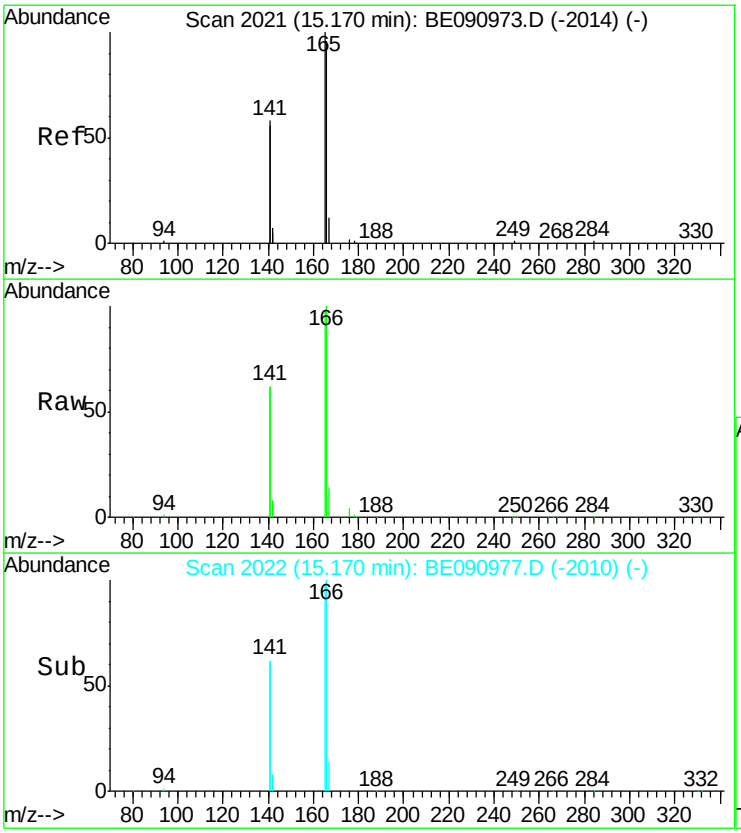
#17
Acenaphthene
Concen: 0.37 ng
RT: 14.17 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:154 Resp: 45823

Ion	Ratio	Lower	Upper
154	100		
153	441.6	352.0	528.0
152	240.8	200.0	300.0

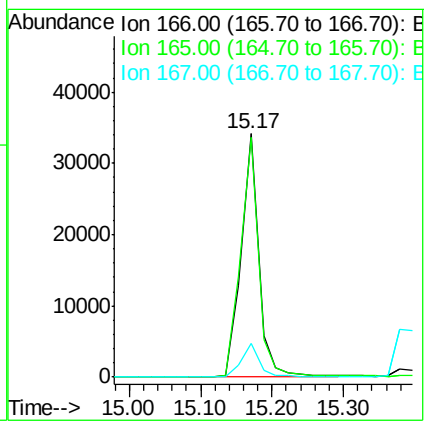


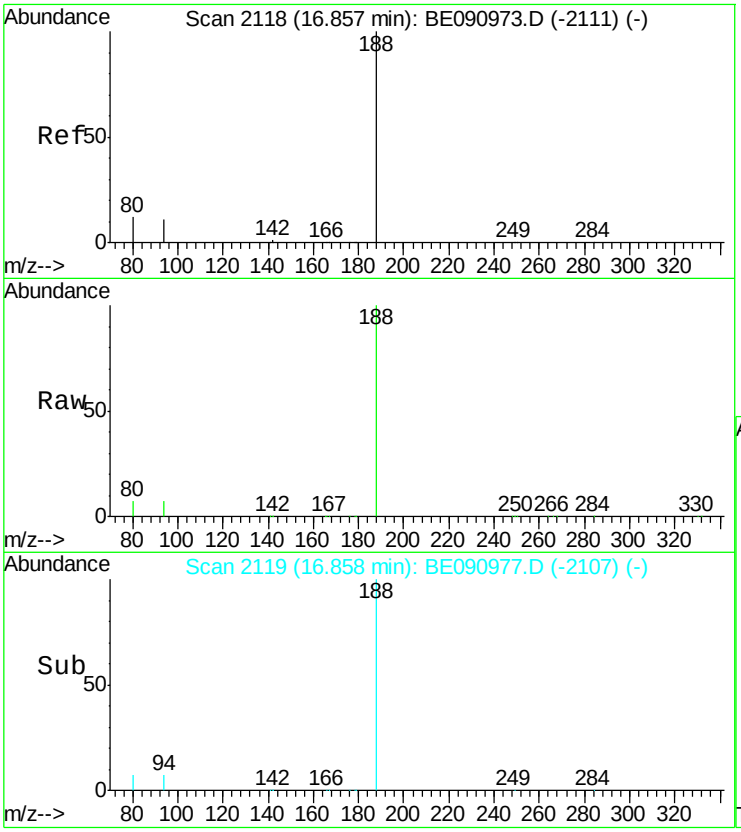


#18
Fluorene
Concen: 0.38 ng
RT: 15.17 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:166 Resp: 57597

Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.8	121.2
167	13.7	10.9	16.3



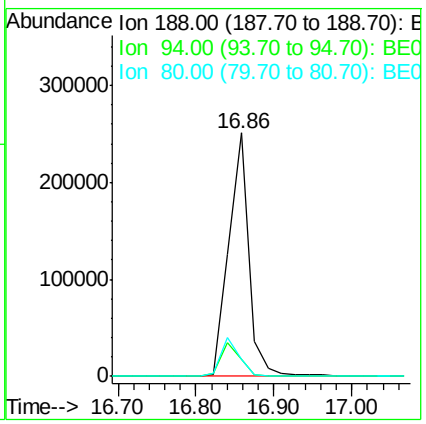


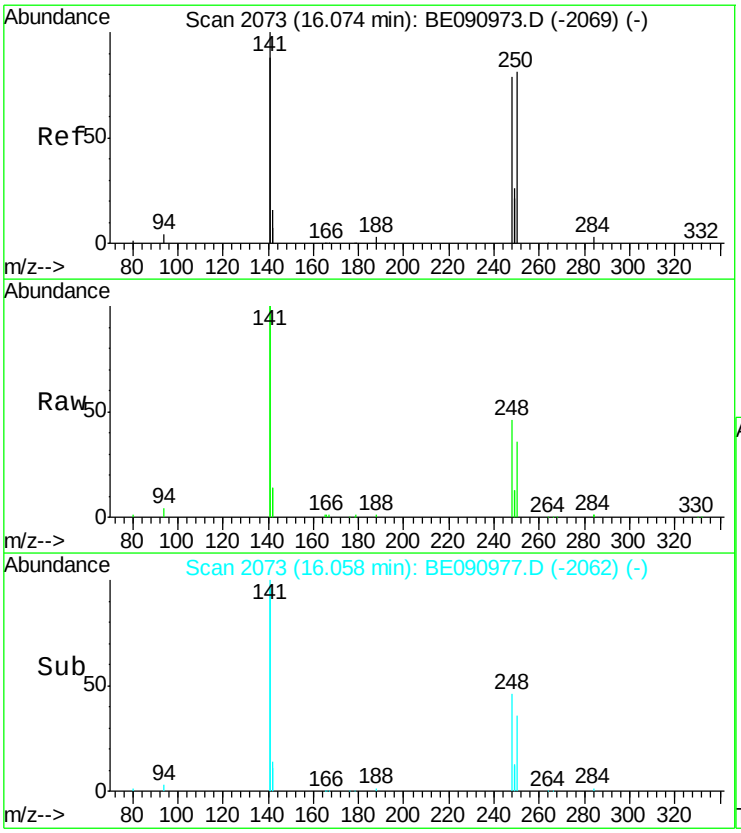
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.86 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:188 Resp: 450811

Ion	Ratio	Lower	Upper
188	100		
94	6.9	8.7	13.1#
80	7.2	9.4	14.0#

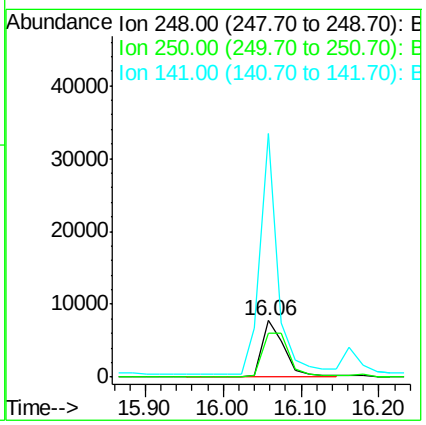


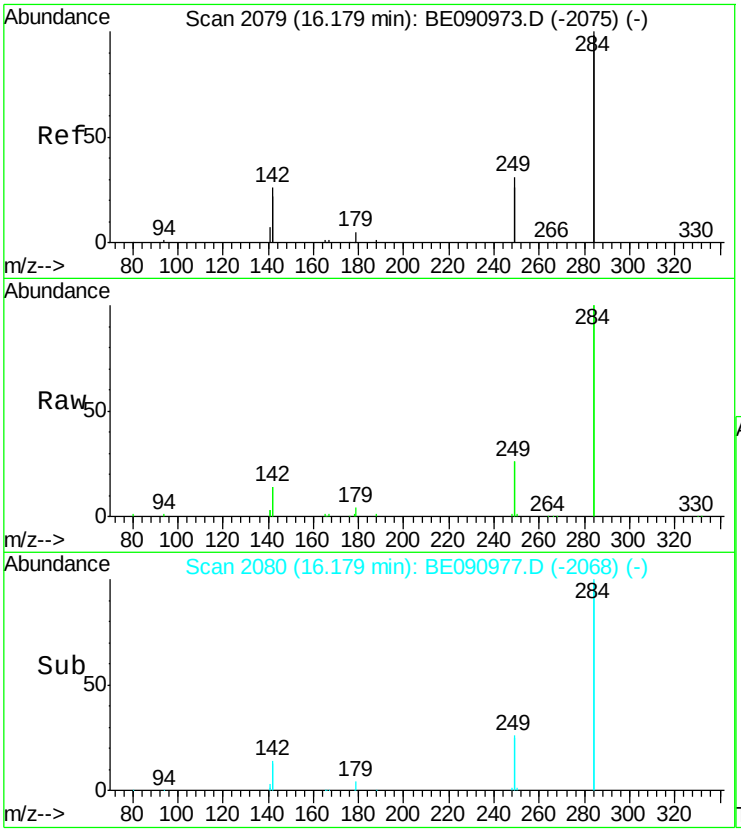


#20
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.06 min Scan# 2073
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:248 Resp: 15081

Ion	Ratio	Lower	Upper
248	100		
250	95.8	80.5	120.7
141	345.1	261.9	392.9



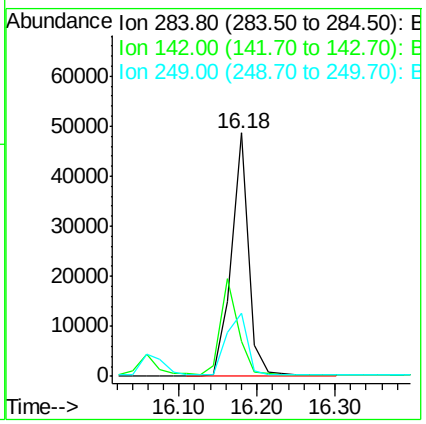


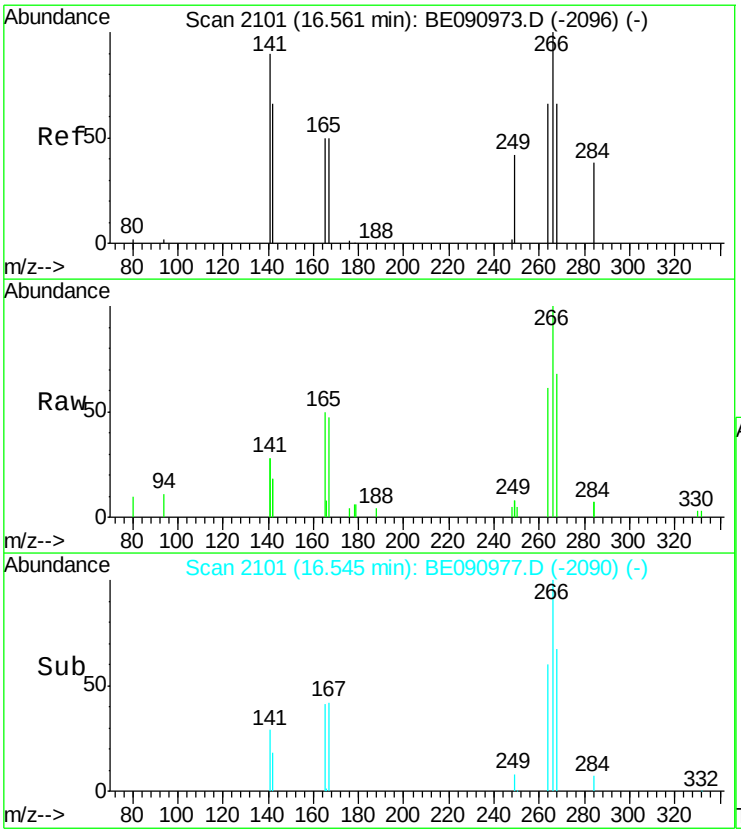
#21
Hexachlorobenzene
Concen: 0.35 ng
RT: 16.18 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:284 Resp: 73735

Ion	Ratio	Lower	Upper
284	100		
142	40.0	32.2	48.2
249	31.6	25.4	38.2

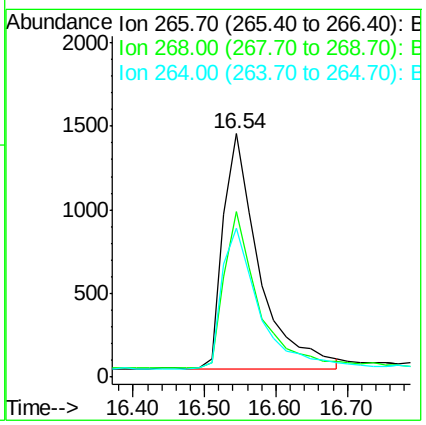


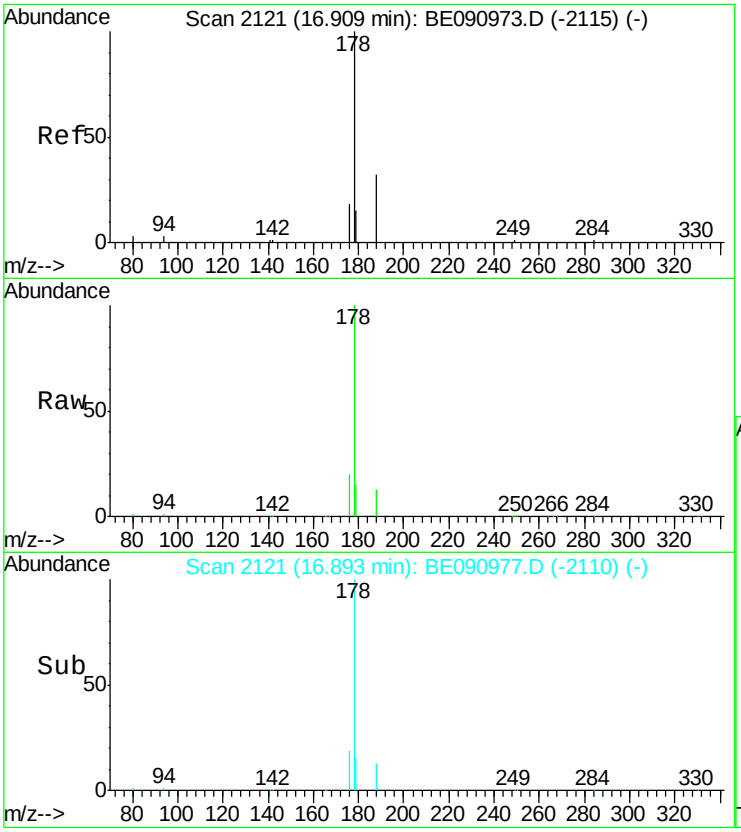


#22
Pentachlorophenol
Concen: 0.45 ng
RT: 16.54 min Scan# 2101
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:266 Resp: 4878

Ion	Ratio	Lower	Upper
266	100		
268	68.1	58.2	87.2
264	61.3	56.2	84.4



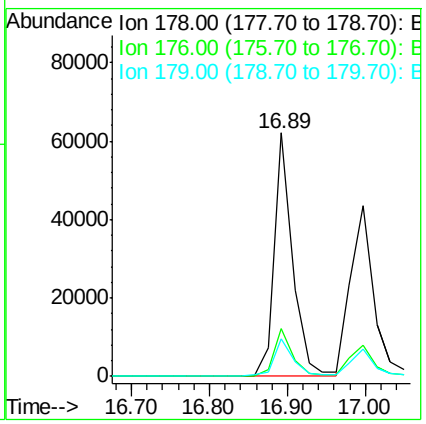


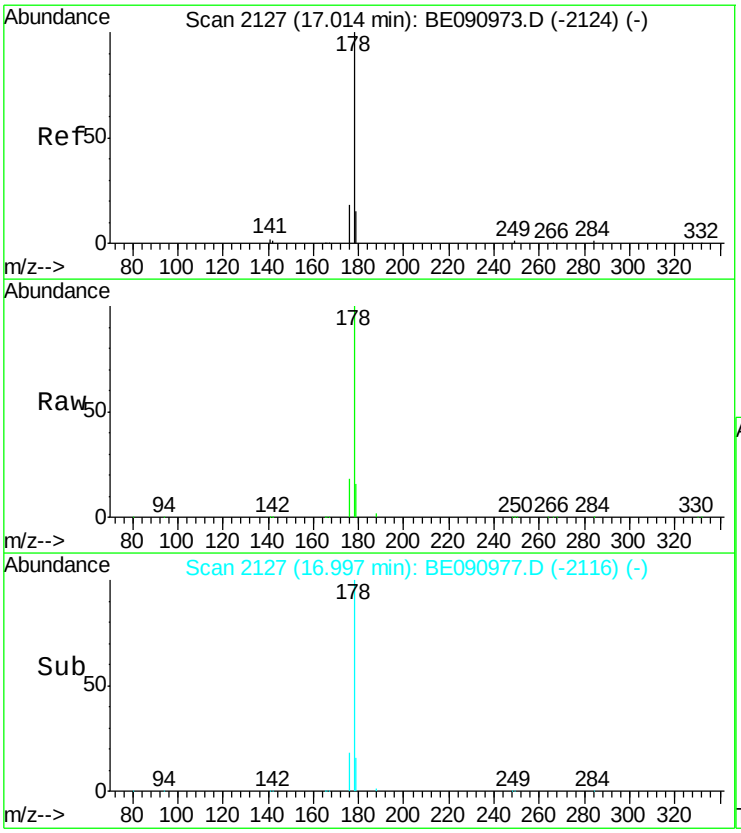
#23
Phenanthrene
Concen: 0.39 ng
RT: 16.89 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:178 Resp: 101358

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.8	12.6	18.8

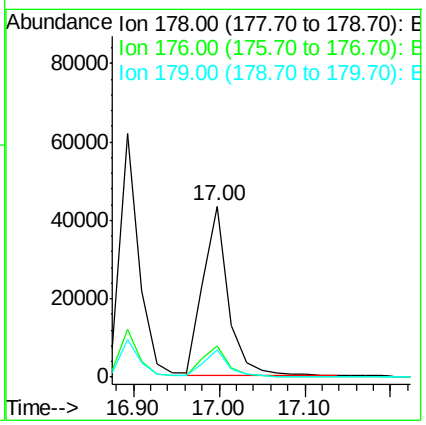


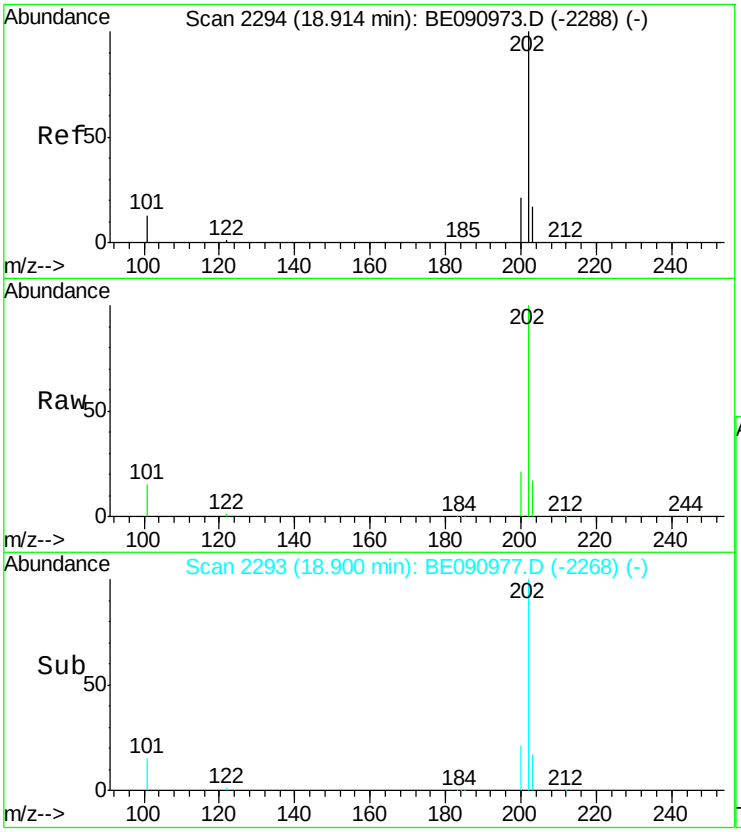


#24
Anthracene
Concen: 0.42 ng
RT: 17.00 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:178 Resp: 89155

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	21.8
179	15.3	11.8	17.6



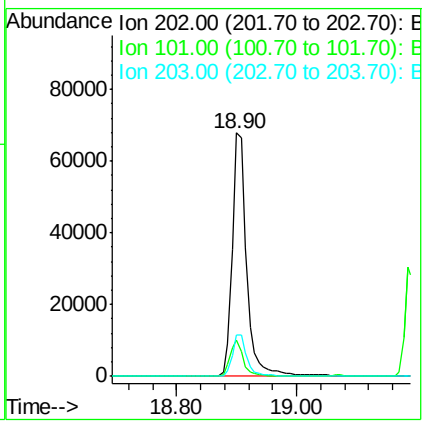


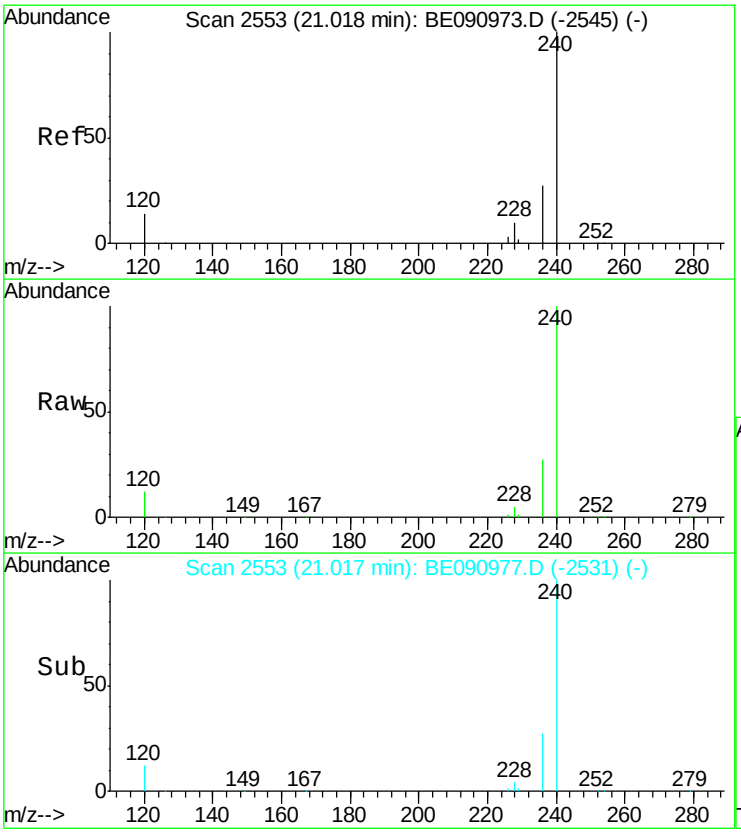
#25
Fluoranthene
Concen: 0.41 ng
RT: 18.90 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:202 Resp: 114012

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.6
203	17.3	13.9	20.9

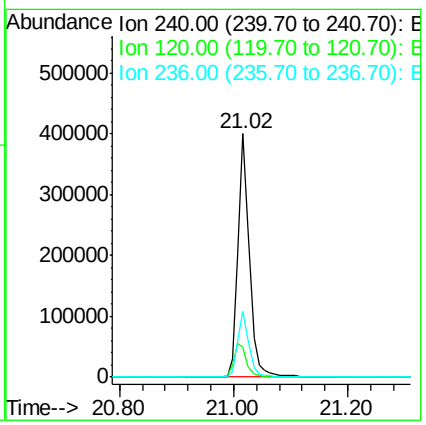


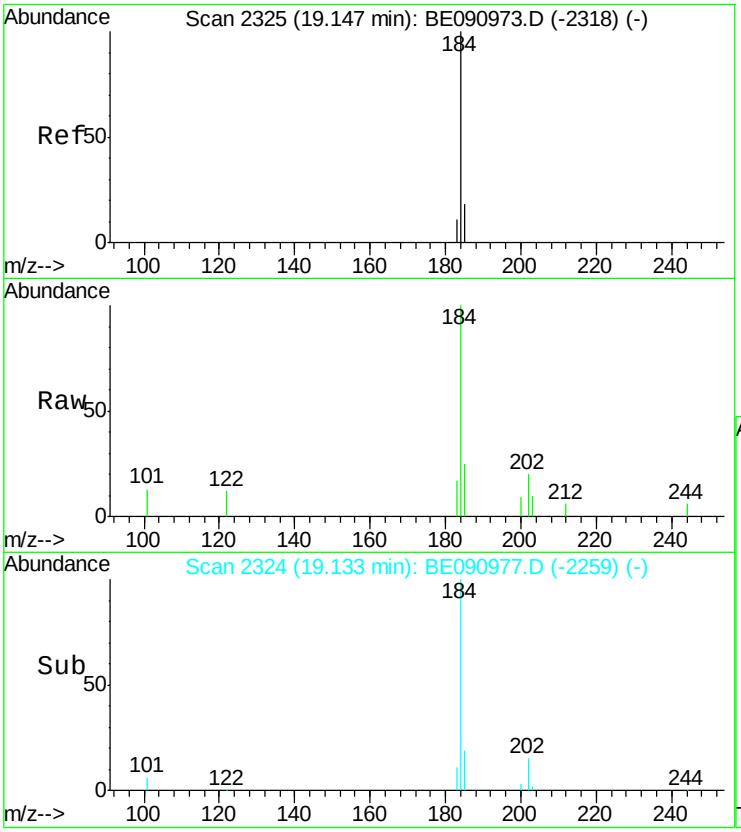


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.02 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:240 Resp: 545315

Ion	Ratio	Lower	Upper
240	100		
120	12.5	11.0	16.4
236	27.0	21.7	32.5



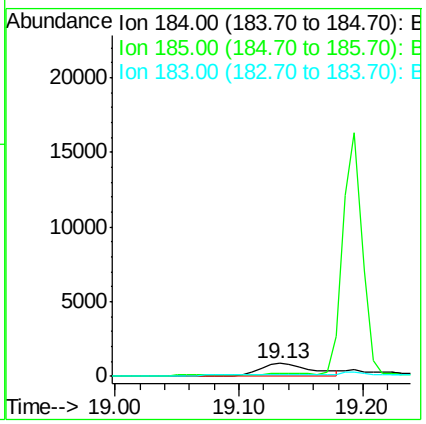


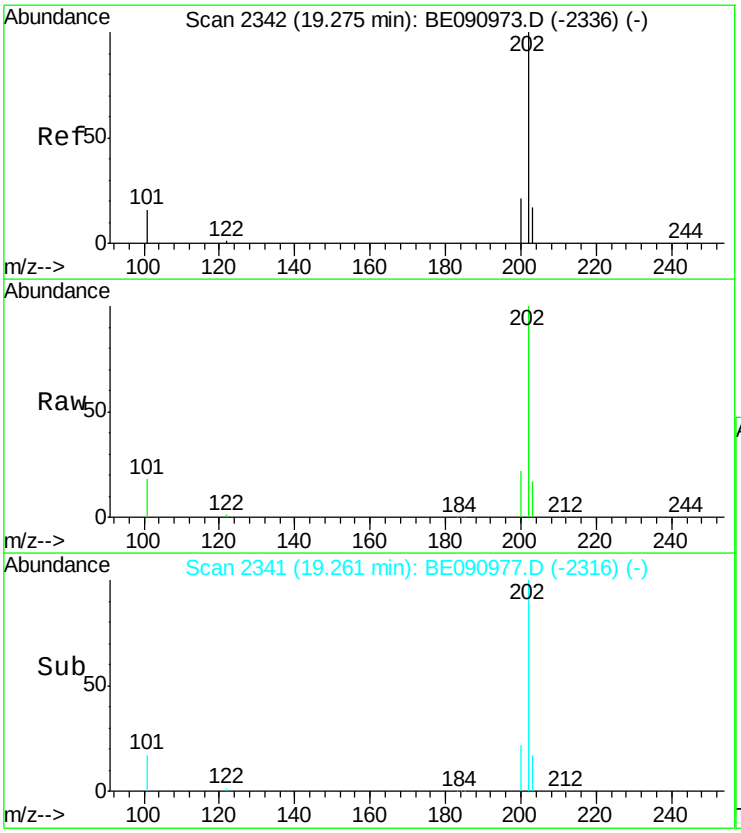
#27
Benzidine
Concen: 0.11 ng
RT: 19.13 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:184 Resp: 2238

Ion	Ratio	Lower	Upper
184	100		
185	24.5	22.3	33.5
183	17.3	16.4	24.6

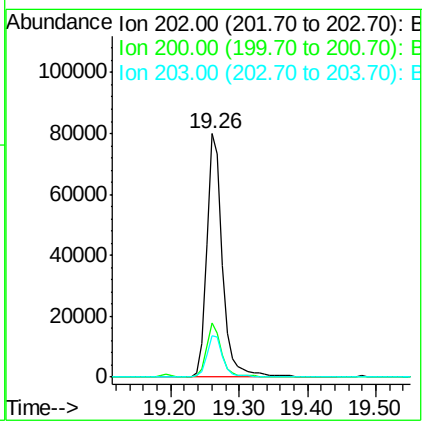


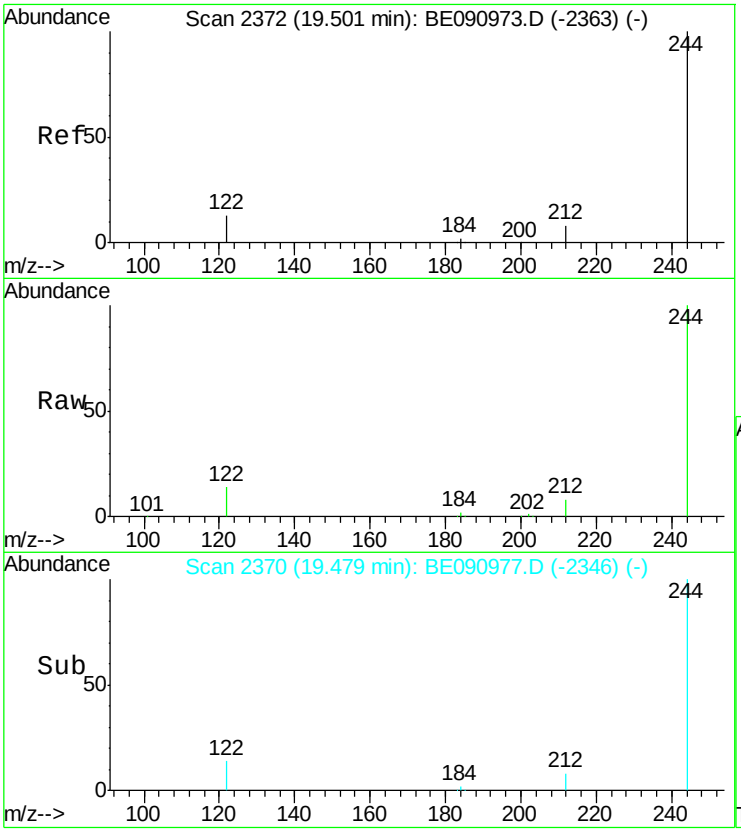


#28
Pyrene
Concen: 0.43 ng
RT: 19.26 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:202 Resp: 126136

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	17.5	14.0	21.0



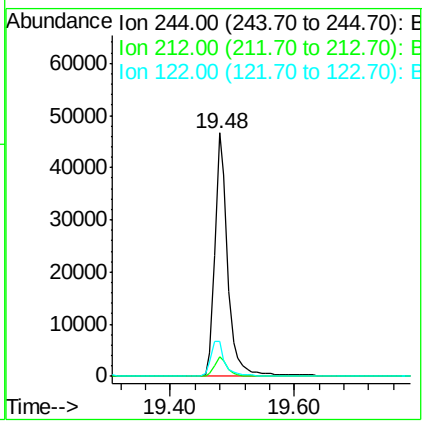


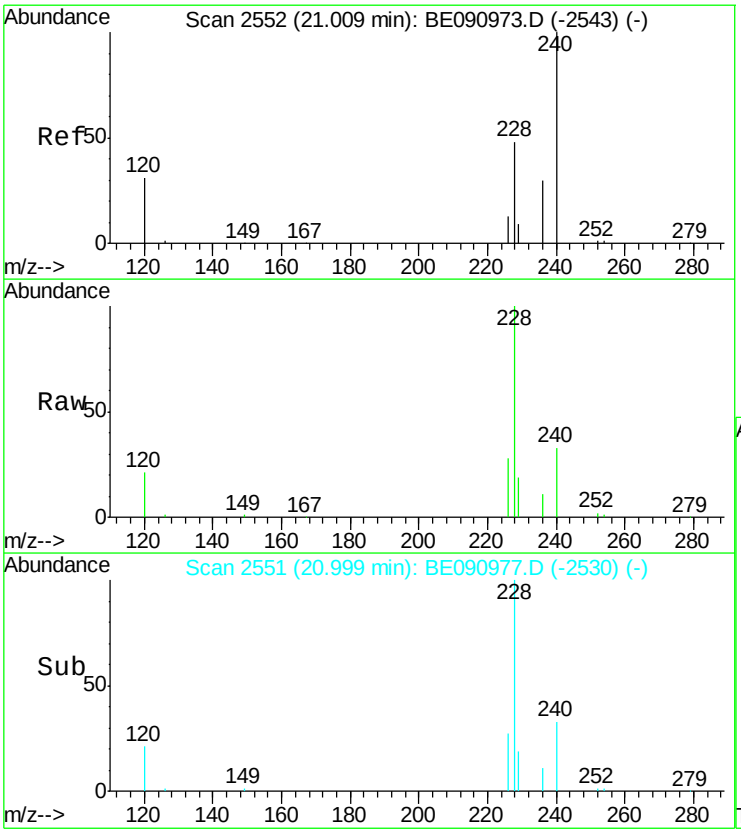
#29
Terphenyl-d14
Concen: 0.45 ng
RT: 19.48 min Scan# 2370
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:244 Resp: 66897

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.9	10.3
122	14.2	11.0	16.4

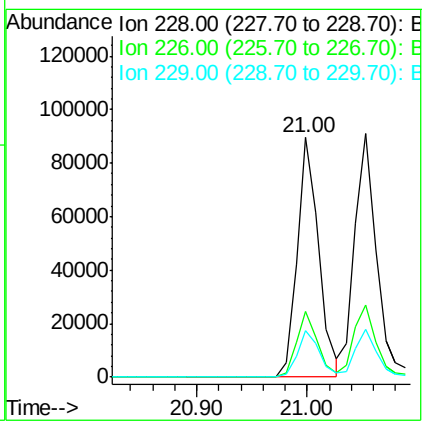


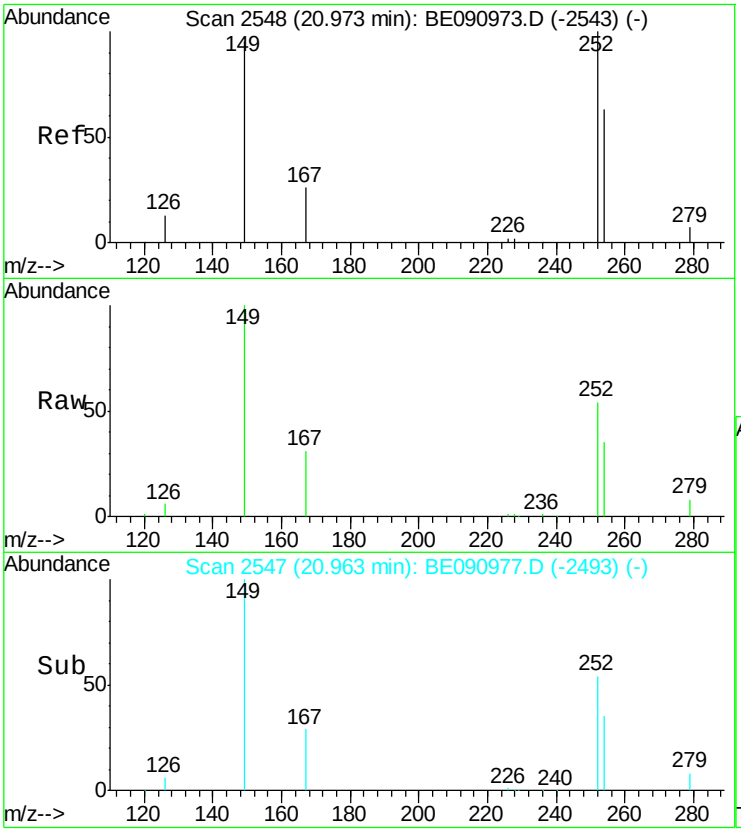


#30
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.00 min Scan# 2551
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:228 Resp: 120697

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.0	31.4
229	19.5	15.7	23.5



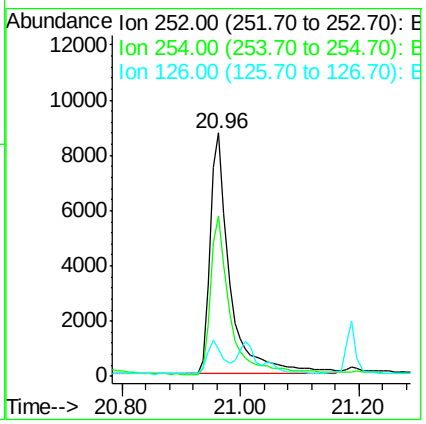


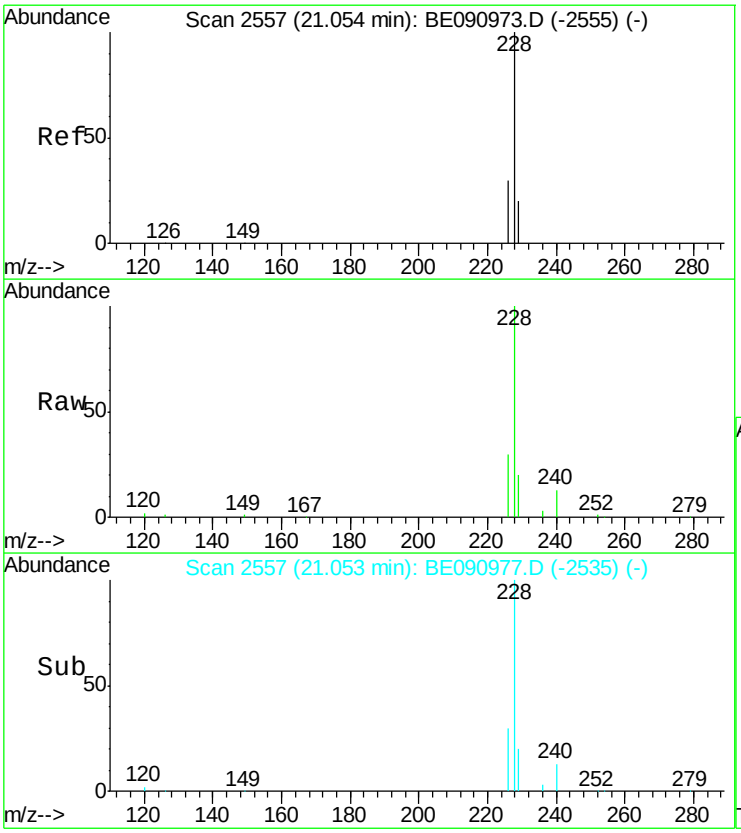
#31
3,3'-Dichlorobenzidine
Concen: 0.51 ng
RT: 20.96 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:252 Resp: 20591

Ion	Ratio	Lower	Upper
252	100		
254	65.9	51.1	76.7
126	11.4	12.6	18.8#

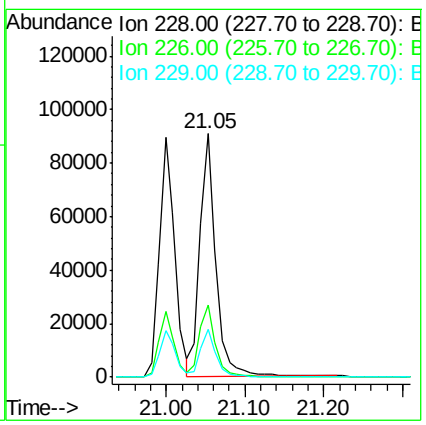


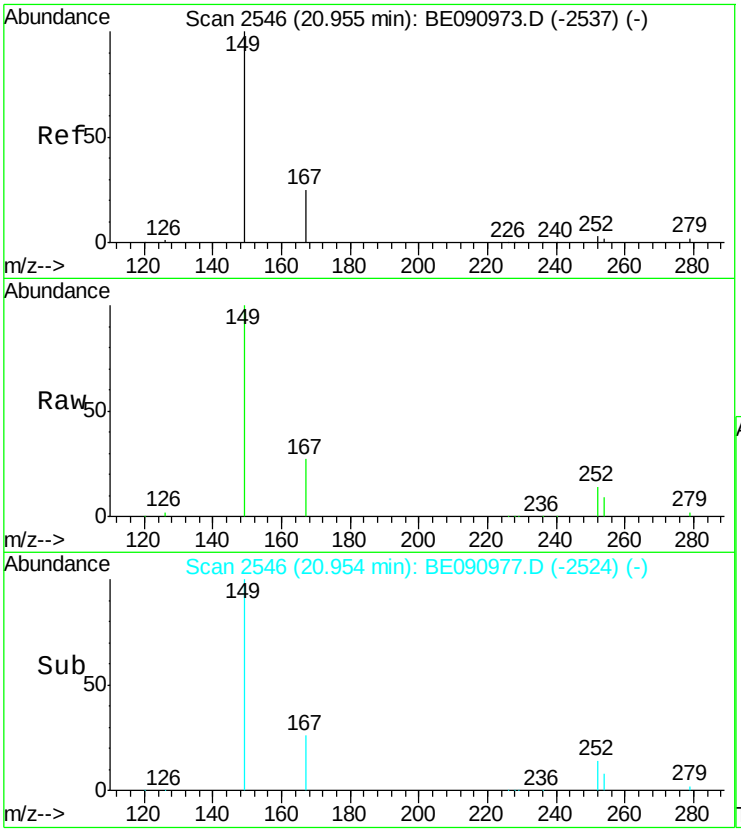


#32
Chrysene
Concen: 0.38 ng
RT: 21.05 min Scan# 2557
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:228 Resp: 127929

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.9	15.9	23.9



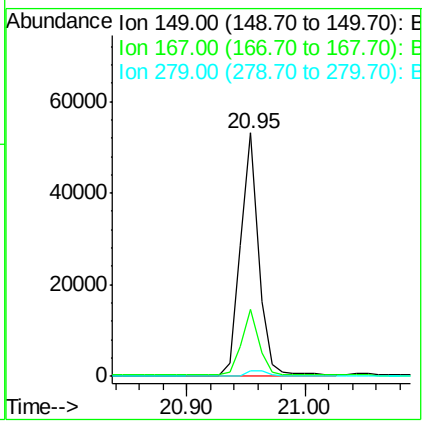


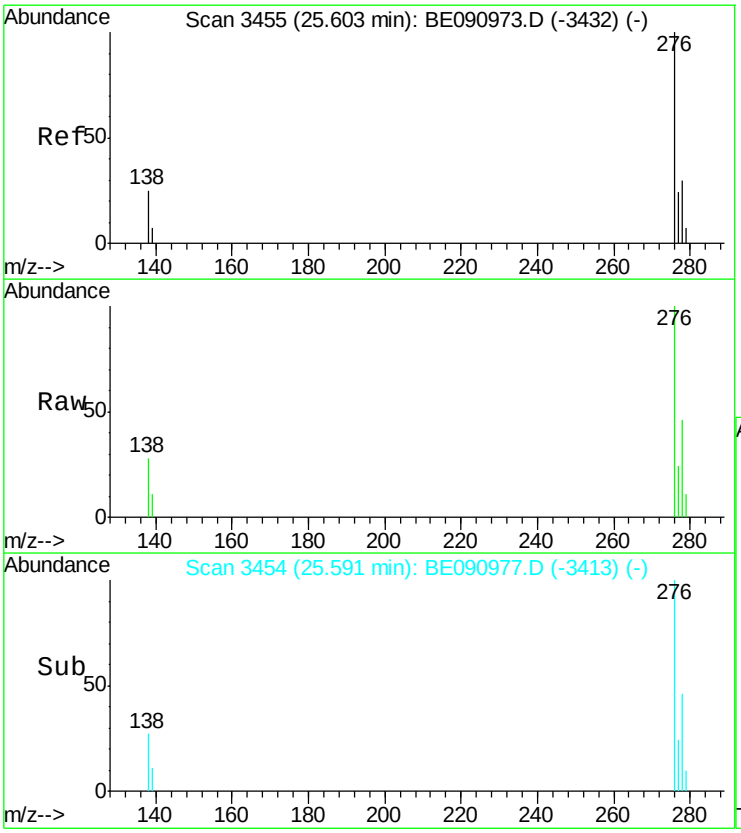
#33
Bis(2-ethylhexyl)phthalate
Concen: 0.70 ng
RT: 20.95 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:149 Resp: 56956

Ion	Ratio	Lower	Upper
149	100		
167	25.7	19.5	29.3
279	2.8	2.3	3.5

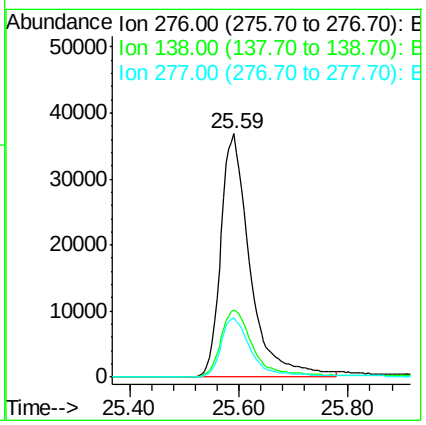


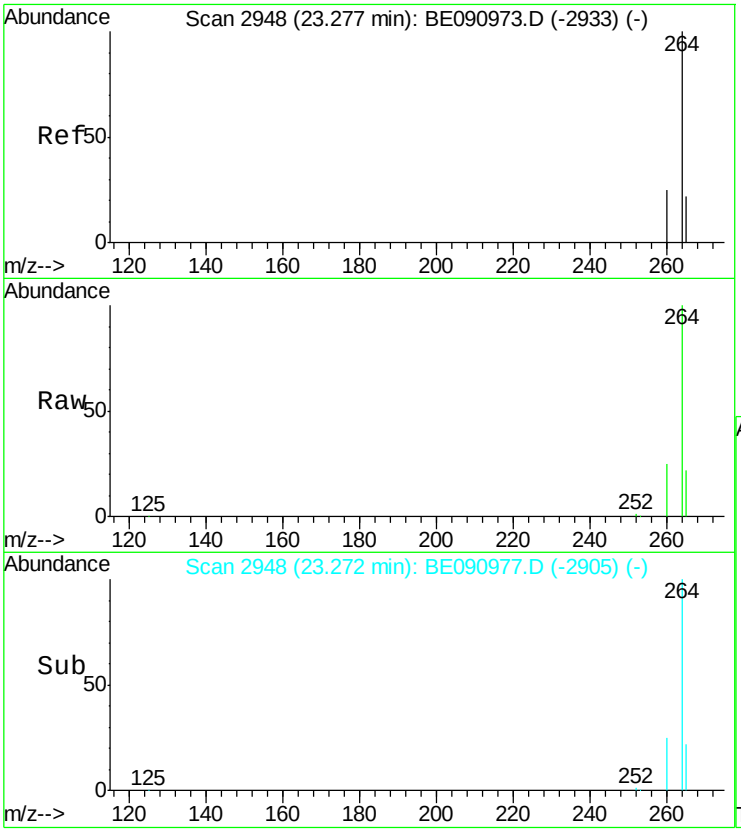


#34
Indeno(1,2,3-cd)pyrene
Concen: 0.47 ng
RT: 25.59 min Scan# 3454
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:276 Resp: 136755

Ion	Ratio	Lower	Upper
276	100		
138	29.9	23.4	35.2
277	24.8	19.8	29.8



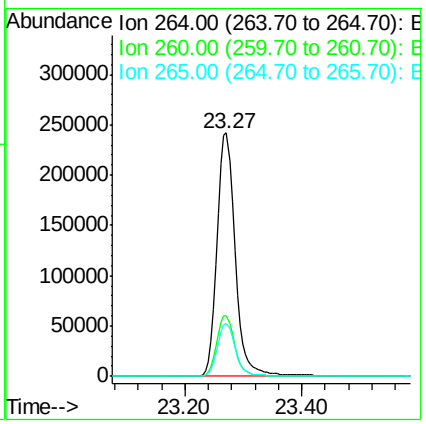


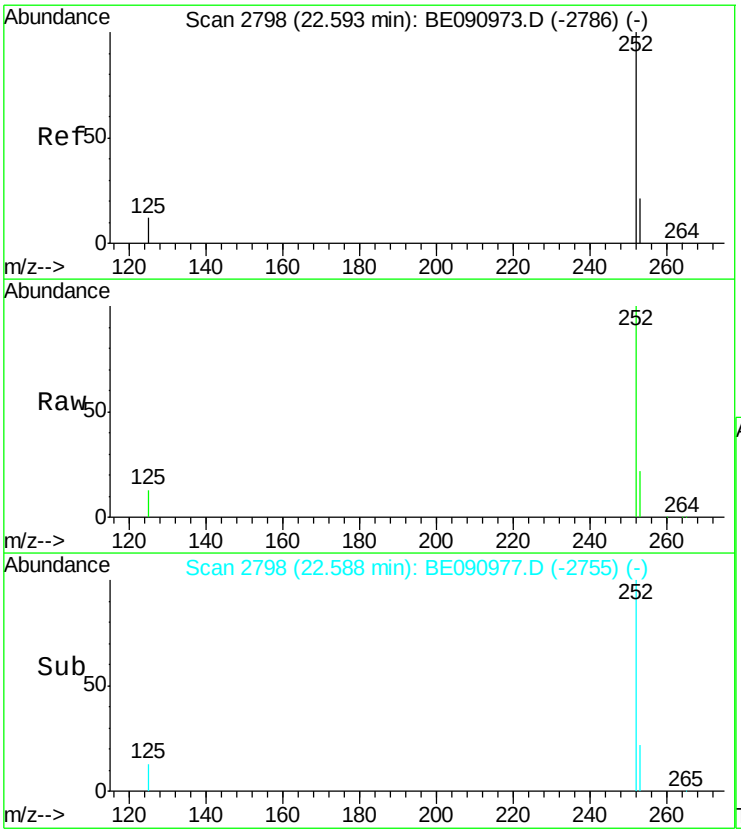
#35
Perylene-d12
Concen: 5.00 ng
RT: 23.27 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:264 Resp: 516946

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.8	17.5	26.3

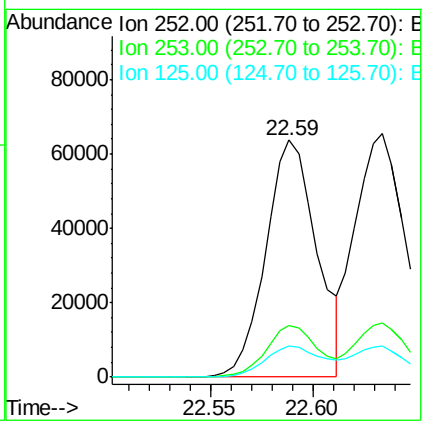


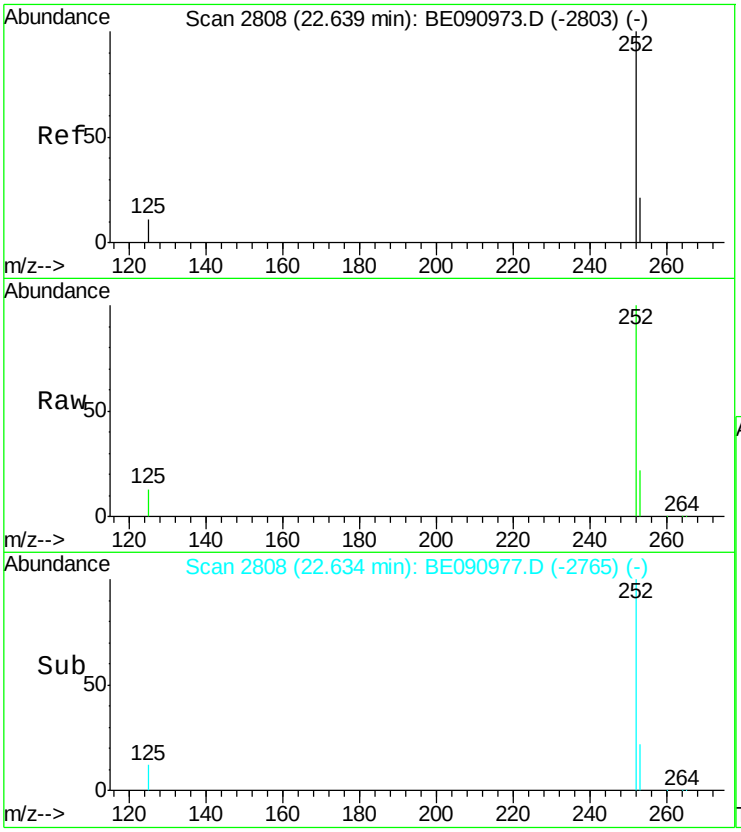


#36
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 22.59 min Scan# 2798
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:252 Resp: 110039

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	13.1	10.2	15.2



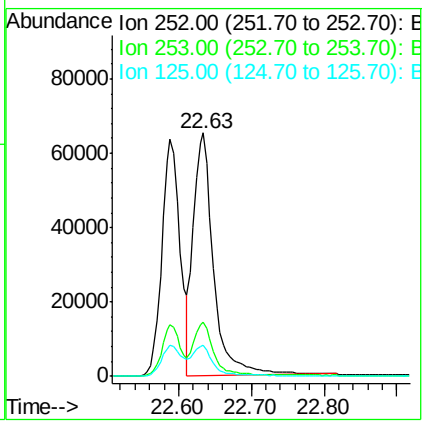


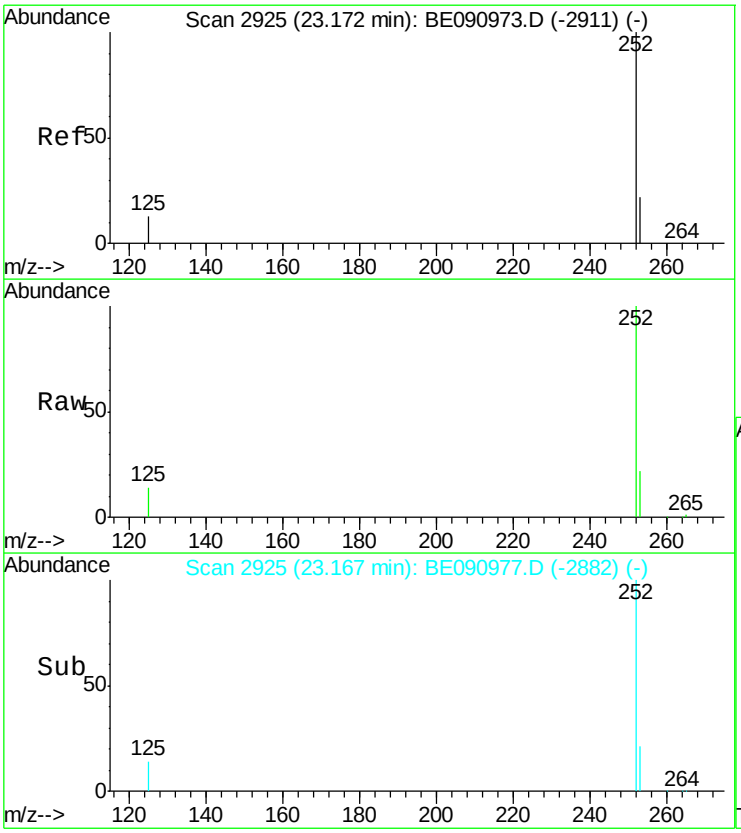
#37
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.63 min Scan# 2808
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:252 Resp: 125035

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	12.5	9.9	14.9

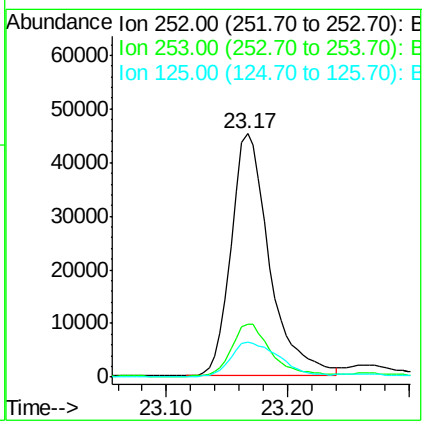


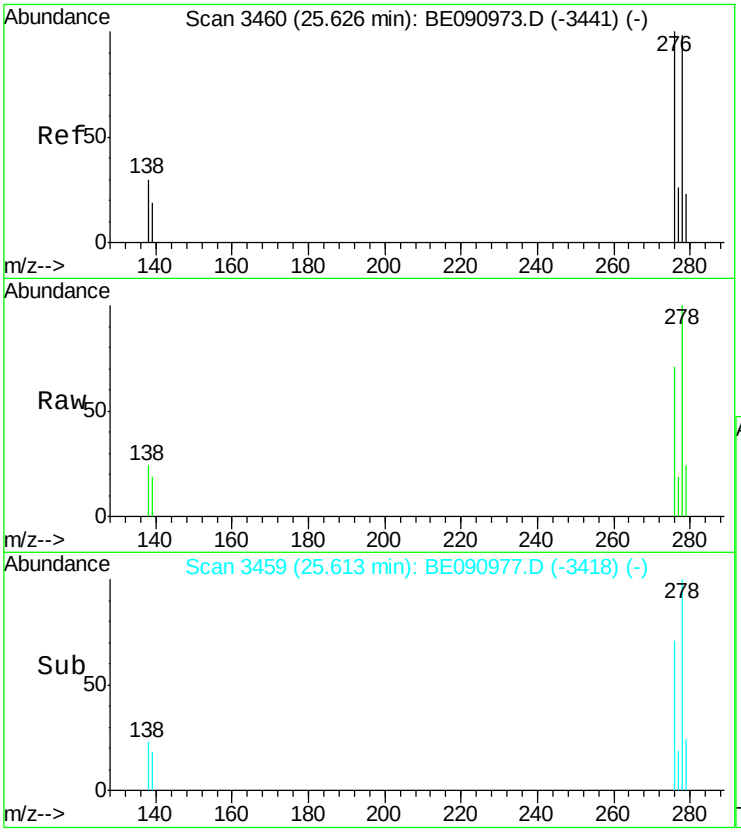


#38
Benzo(a)pyrene
Concen: 0.44 ng
RT: 23.17 min Scan# 2925
Delta R.T. -0.00 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:252 Resp: 99574

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	14.4	11.0	16.4



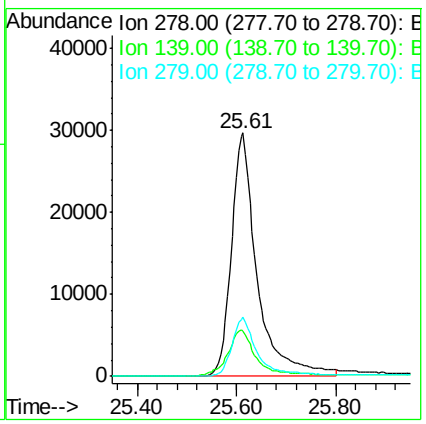


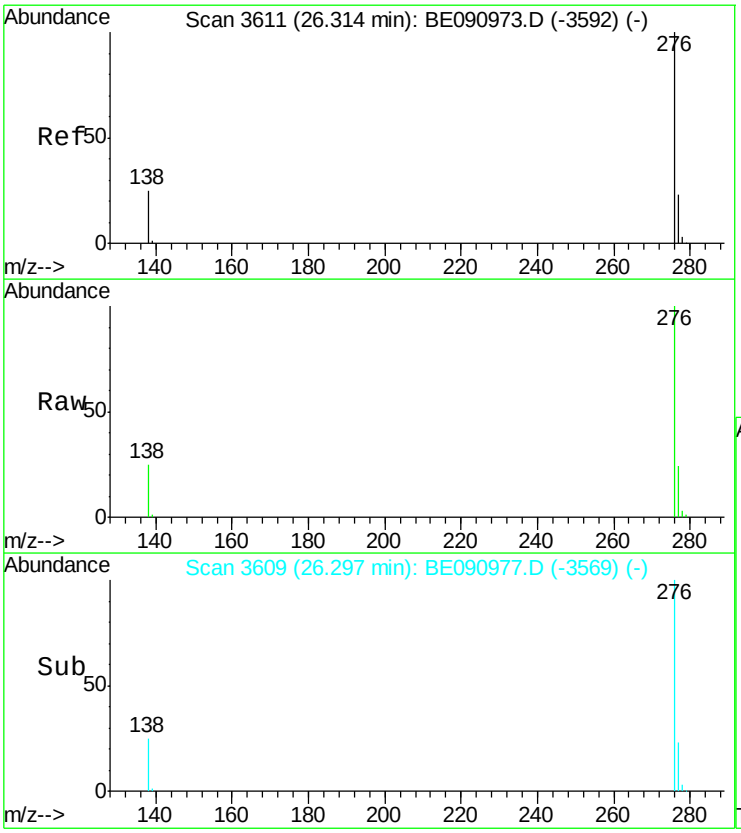
#39
Dibenzo(a,h)anthracene
Concen: 0.47 ng
RT: 25.61 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Instrument :
BNA_E
ClientSampleId :
ICVBE092815

Tgt Ion:278 Resp: 106571

Ion	Ratio	Lower	Upper
278	100		
139	18.7	16.0	24.0
279	24.2	19.4	29.2





#40
Benzo(g,h,i)perylene
Concen: 0.43 ng
RT: 26.30 min Scan# 3609
Delta R.T. -0.02 min
Lab File: BE090977.D
Acq: 28 Sep 2015 21:57

Tgt Ion:276 Resp: 106731

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	25.5	20.4	30.6