Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE121417\
Data File : BE094982.D
Acq On : 14 Dec 2017 18:25
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : ICVBE121417

Quant Time: Dec 14 19:05:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6346	0.40	ng		0.00
7) Naphthalene-d8	11.33	136	13585	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	7969	0.40	ng		0.00
19) Phenanthrene-d10	17.77	188	18476	0.40	ng		0.00
27) Chrysene-d12	21.87	240	20675	0.40	ng		0.00
34) Perylene-d12	24.55	264	15187	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.95	112	3803	0.39	ng		0.00
5) Phenol-d6	7.59	99	5450	0.37	ng		0.00
8) Nitrobenzene-d5	9.65	82	4457	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9030	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	686	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.70	172	13970	0.40	ng		0.00
25) Fluoranthene-d10	19.75	212	92810	0.39	ng		0.00
29) Terphenyl-d14	20.31	244	15744	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.66	88	2383	0.381	ng	#	90
3) n-Nitrosodimethylamine	4.02	42	2895	0.392	ng	#	88
6) bis(2-Chloroethyl)ether	7.87	93	5495	0.385	ng		95
9) Naphthalene	11.38	128	64454	0.404	ng		99
10) Hexachlorobutadiene	11.64	225	2898	0.400	ng		99
12) 2-Methylnaphthalene	12.93	142	15809	0.397	ng		97
16) Acenaphthylene	14.79	152	16418	0.385	ng		99
17) Acenaphthene	15.12	154	11138	0.394	ng		95
18) Fluorene	16.08	166	13654	0.389	ng	#	79
20) 4-Bromophenyl-phenylether	16.97	248	4303	0.398	ng	#	78
21) Hexachlorobenzene	17.08	284	4489	0.406	ng	#	82
22) Pentachlorophenol	17.41	266	747	0.352	ng	#	76
23) Phenanthrene	17.82	178	22979	0.399	ng		98
24) Anthracene	17.91	178	23002	0.389	ng	#	93
26) Fluoranthene	19.78	202	27775	0.391	ng		99
28) Pyrene	20.13	202	27474	0.392	ng		96
30) Benzo(a)anthracene	21.85	228	23193	0.384	ng	#	61
31) Chrysene	21.92	228	27438	0.404	ng	#	63
32) Bis(2-ethylhexyl)phthalate	21.74	149	24340	0.316	ng		100
33) Indeno(1,2,3-cd)pyrene	27.41	276	20756	0.375	ng		98
35) Benzo(b)fluoranthene	23.72	252	21546	0.386	ng	#	89
36) Benzo(k)fluoranthene	23.77	252	22321	0.395	ng		95
37) Benzo(a)pyrene	24.43	252	18573	0.375	ng		94
38) Dibenzo(a,h)anthracene	27.43	278	17455	0.380	ng		98
39) Benzo(g,h,i)perylene	28.29	276	18109	0.396	ng	#	94

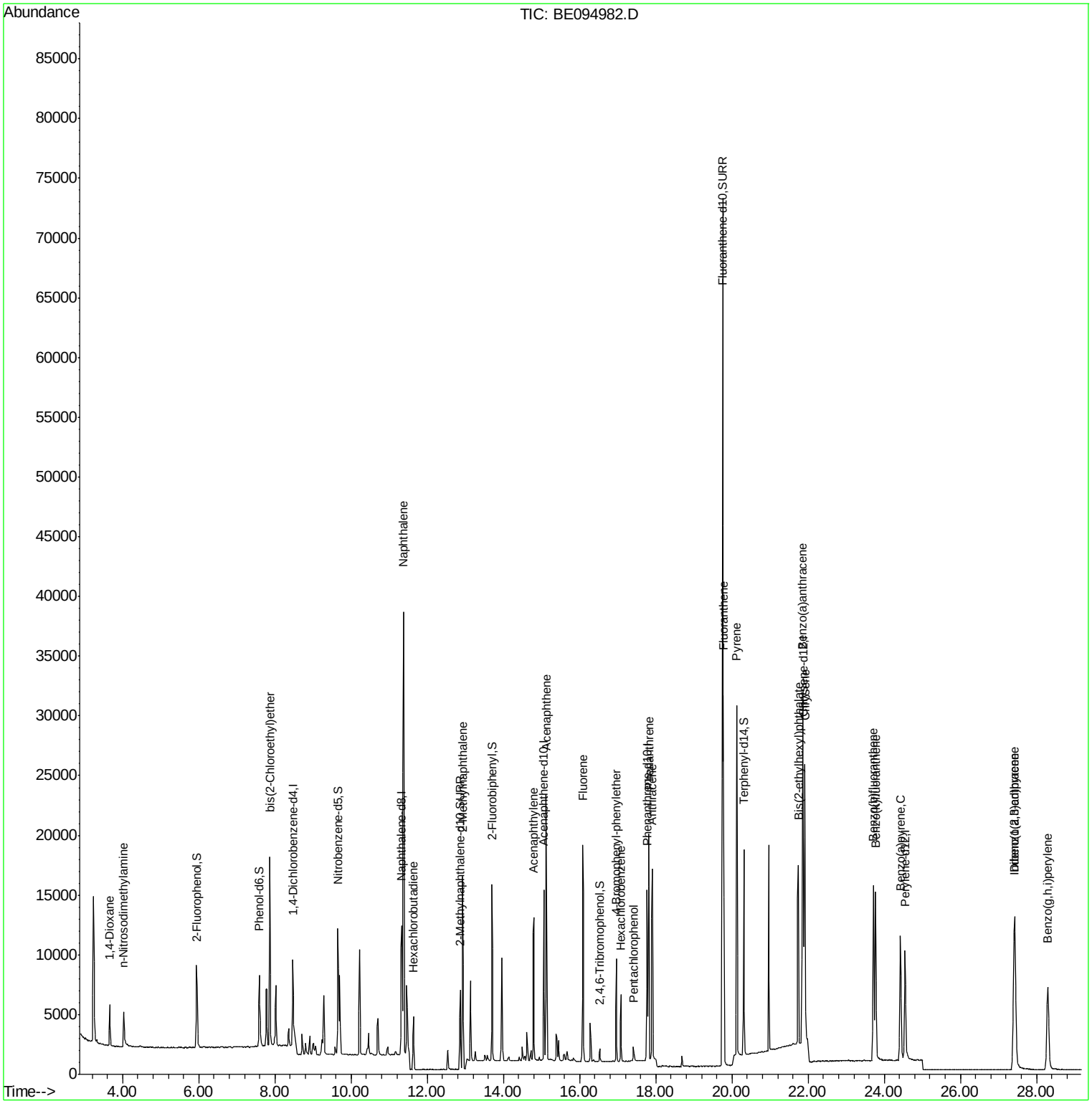
(#) = qualifier out of range (m) = manual integration (+) = signals summed

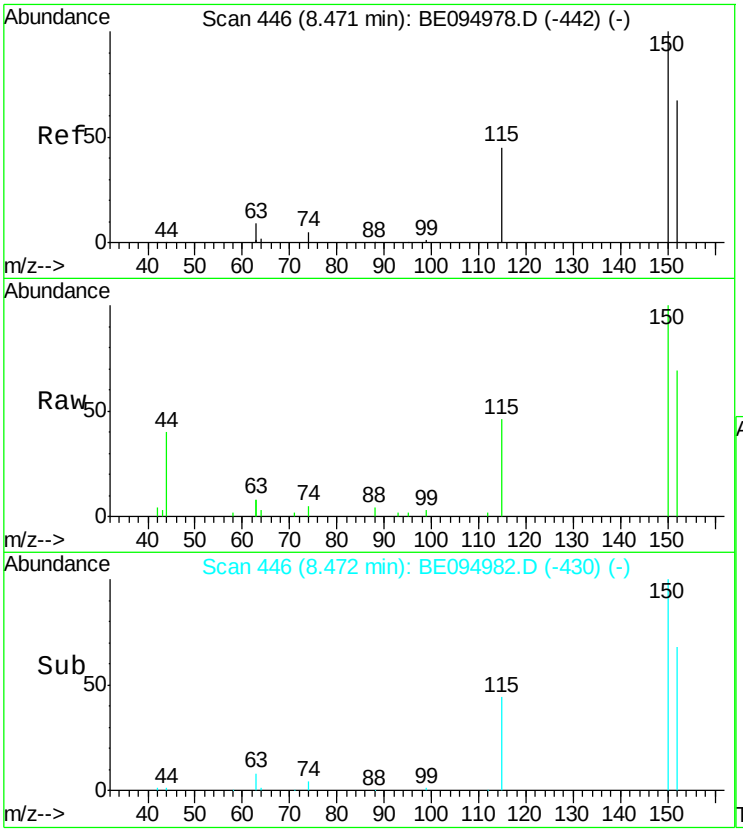
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\Data\BE121417\
Data File : BE094982.D
Acq On : 14 Dec 2017 18:25
Operator : SJ/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Quant Time: Dec 14 19:05:19 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 14 18:42:53 2017
Response via : Initial Calibration



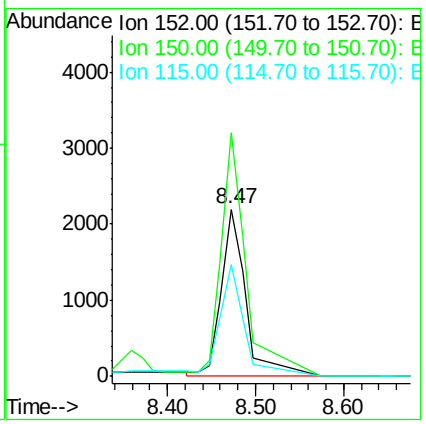


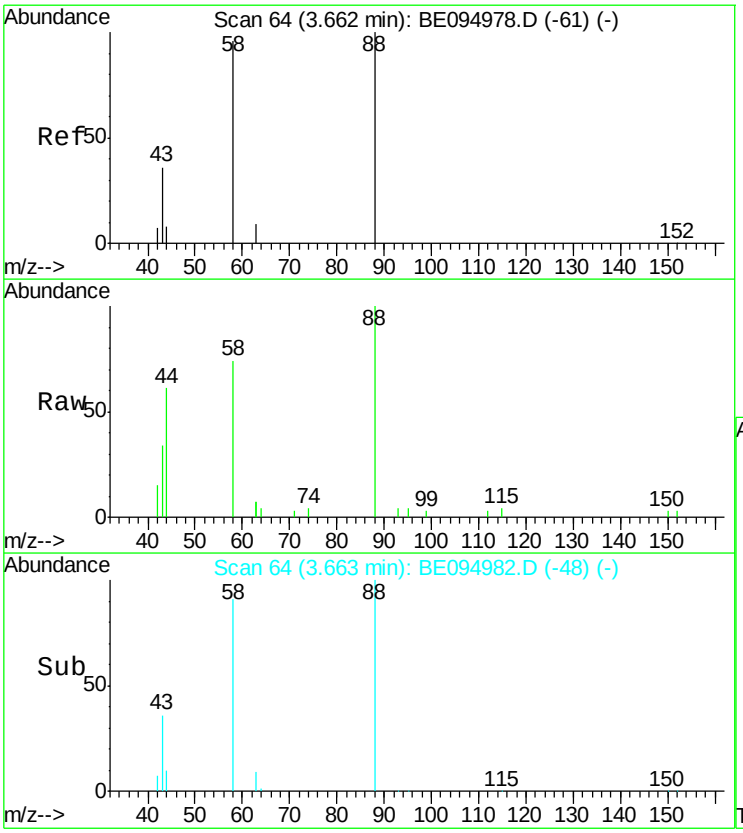
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.47 min Scan# 446
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:152 Resp: 6346

Ion	Ratio	Lower	Upper
152	100		
150	146.0	117.2	175.8
115	66.8	57.0	85.6

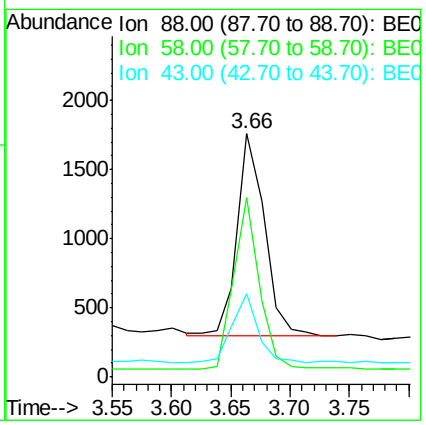


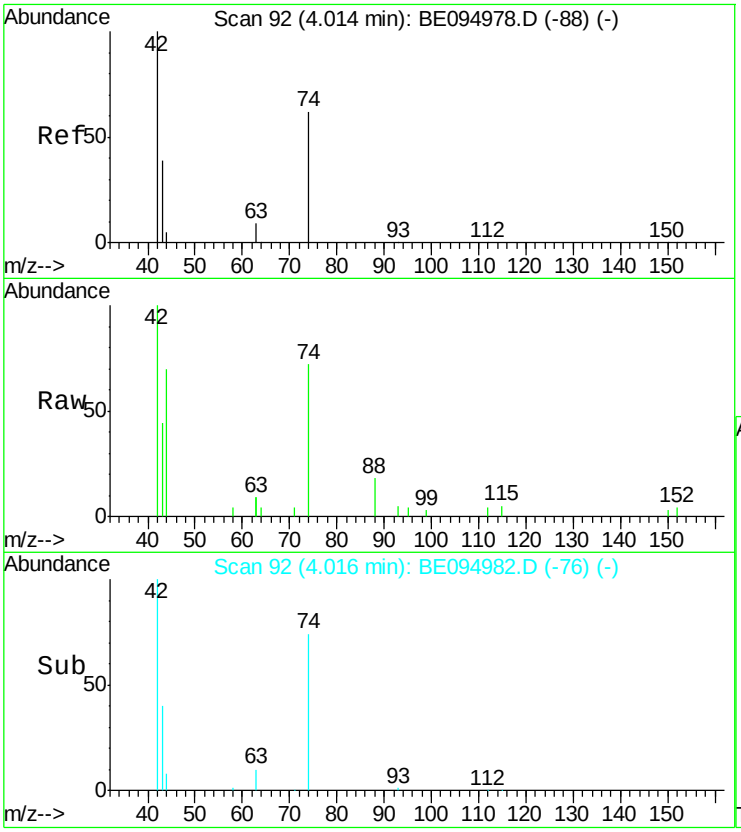


#2
1,4-Dioxane
Concen: 0.381 ng
RT: 3.66 min Scan# 64
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion: 88 Resp: 2383

Ion	Ratio	Lower	Upper
88	100		
58	78.8	63.2	94.8
43	33.9	41.2	61.8#



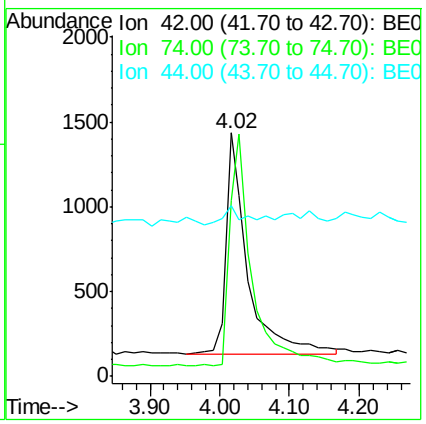


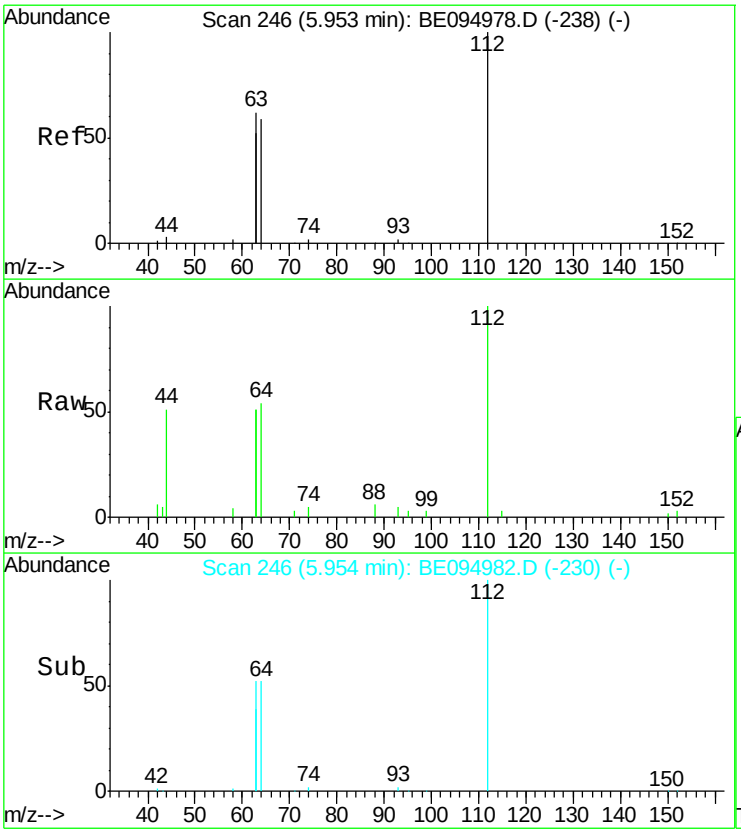
#3
n-Nitrosodimethylamine
Concen: 0.392 ng
RT: 4.02 min Scan# 92
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion: 42 Resp: 2895

Ion	Ratio	Lower	Upper
42	100		
74	107.6	96.0	144.0
44	7.9	12.0	18.0#

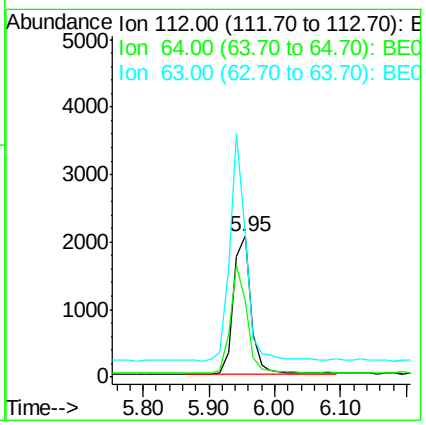


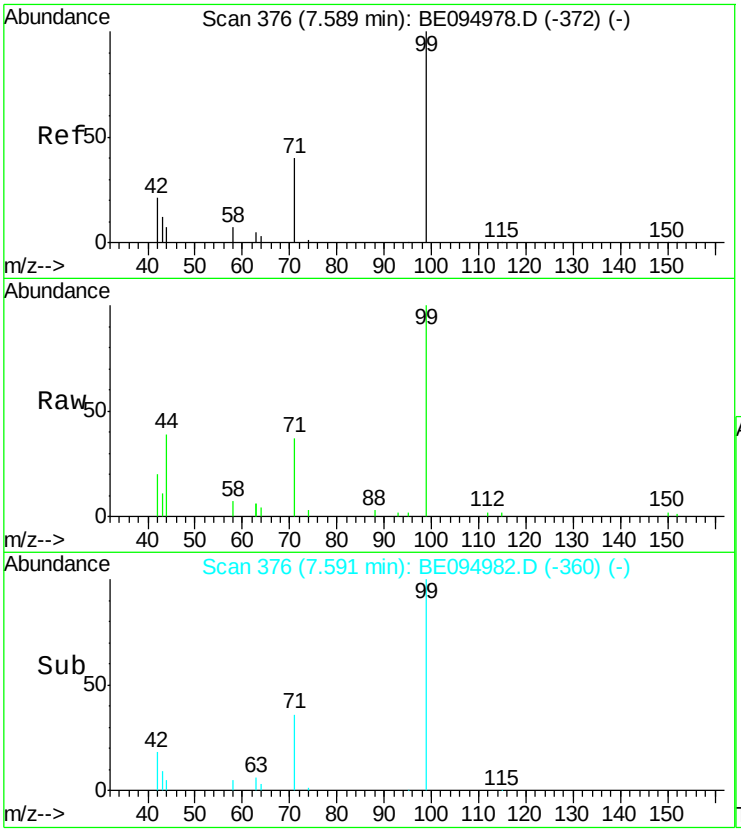


#4
2-Fluorophenol
Concen: 0.386 ng
RT: 5.95 min Scan# 246
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:112 Resp: 3803

Ion	Ratio	Lower	Upper
112	100		
64	72.9	60.1	90.1
63	150.1	116.8	175.2



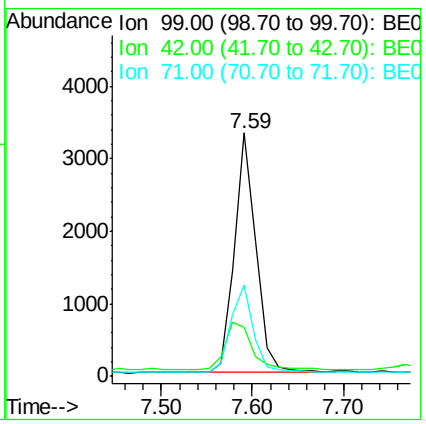


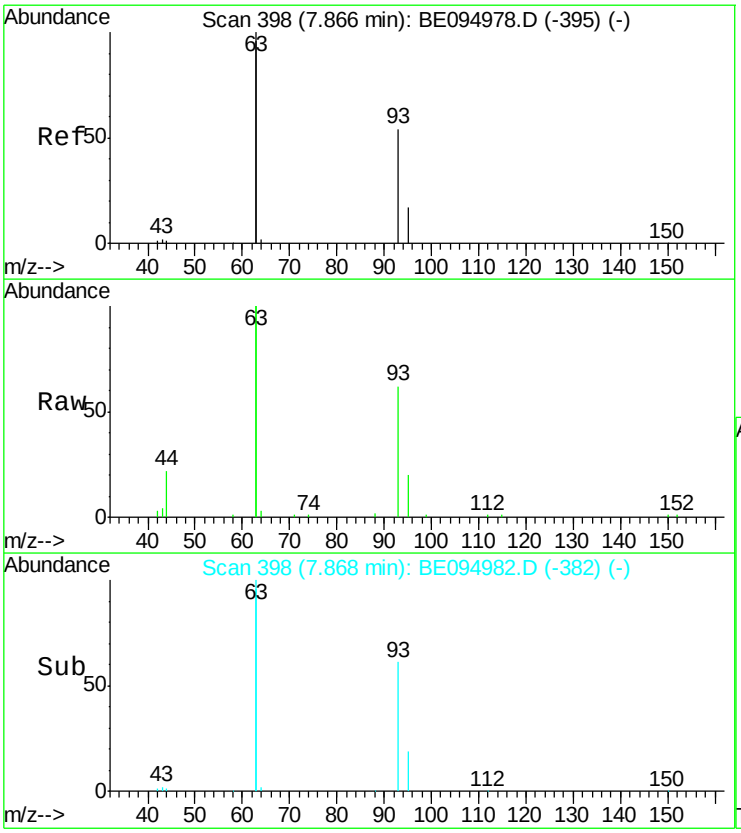
#5
Phenol-d6
Concen: 0.372 ng
RT: 7.59 min Scan# 376
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion: 99 Resp: 5450

Ion	Ratio	Lower	Upper
99	100		
42	25.7	20.2	30.2
71	37.9	28.4	42.6

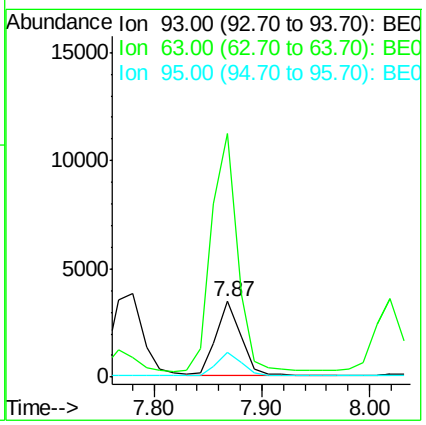


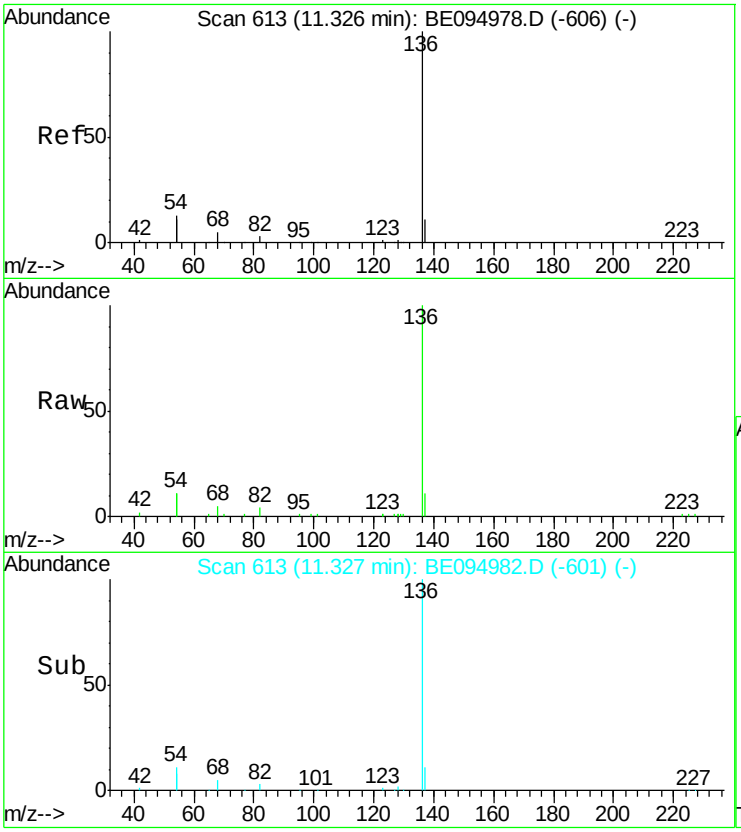


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.87 min Scan# 398
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion: 93 Resp: 5495

Ion	Ratio	Lower	Upper
93	100		
63	331.6	275.3	412.9
95	31.3	25.2	37.8



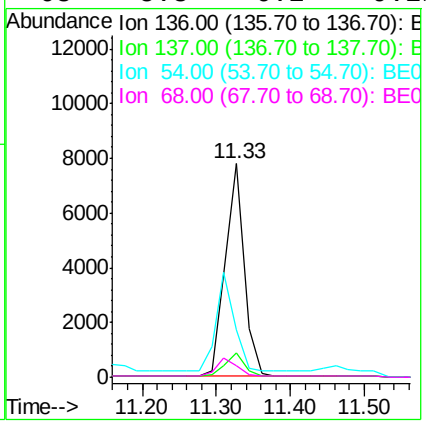


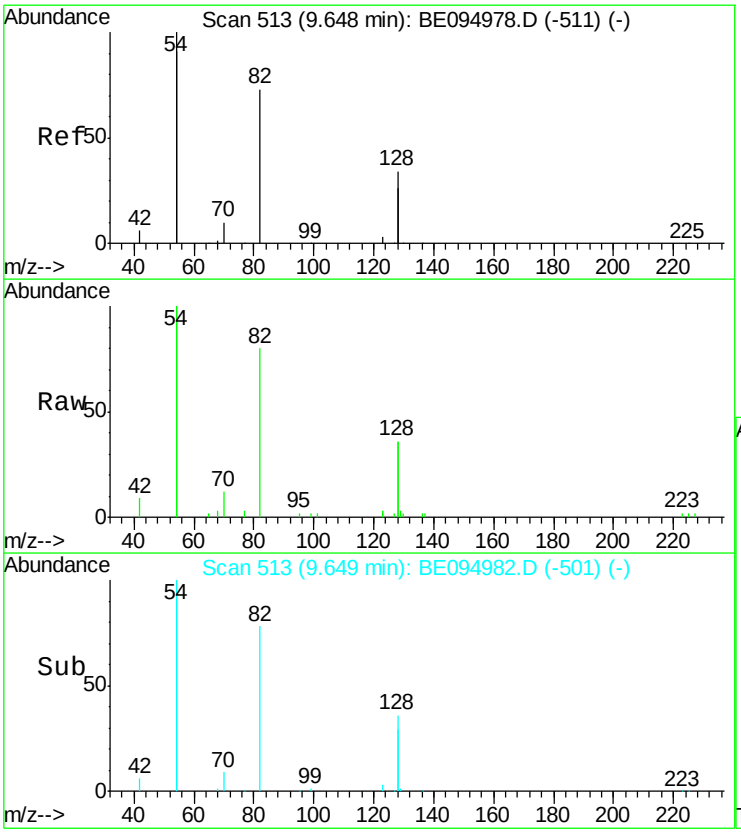
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 11.33 min Scan# 613
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:136 Resp: 13585

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	22.0	29.1	43.7#
68	5.3	6.2	9.2#

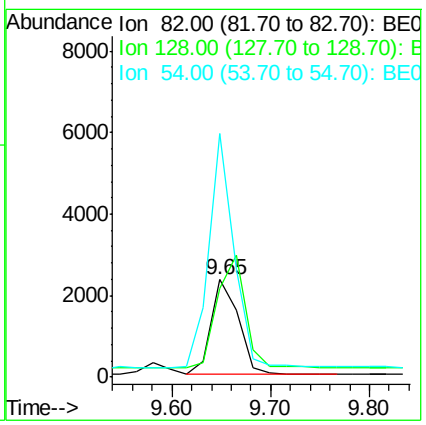


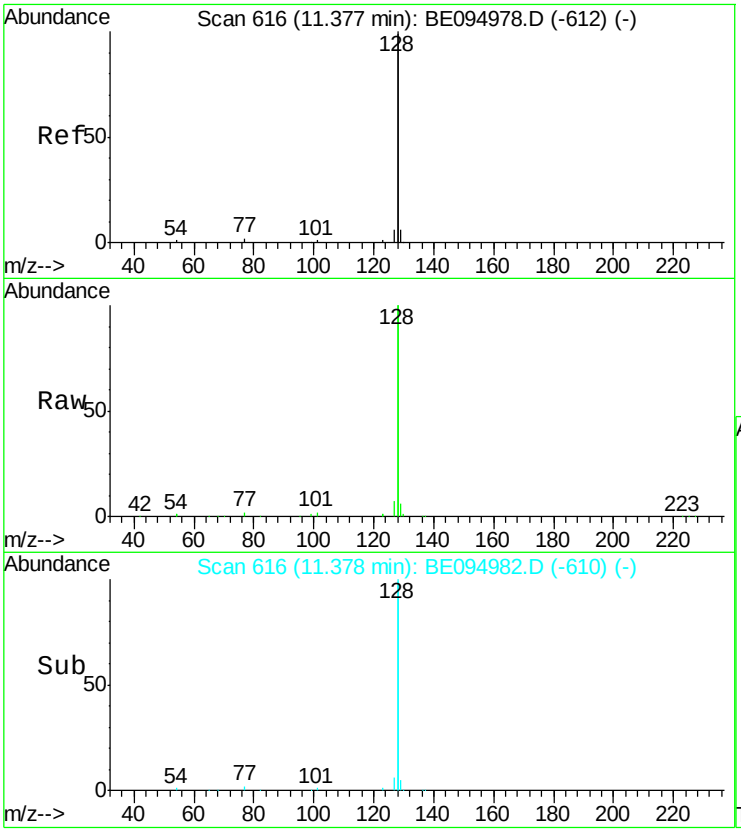


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 9.65 min Scan# 513
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion: 82 Resp: 4457

Ion	Ratio	Lower	Upper
82	100		
128	91.4	150.0	225.0#
54	250.8	154.2	231.4#



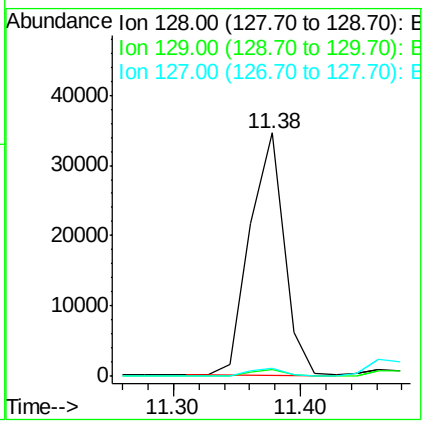


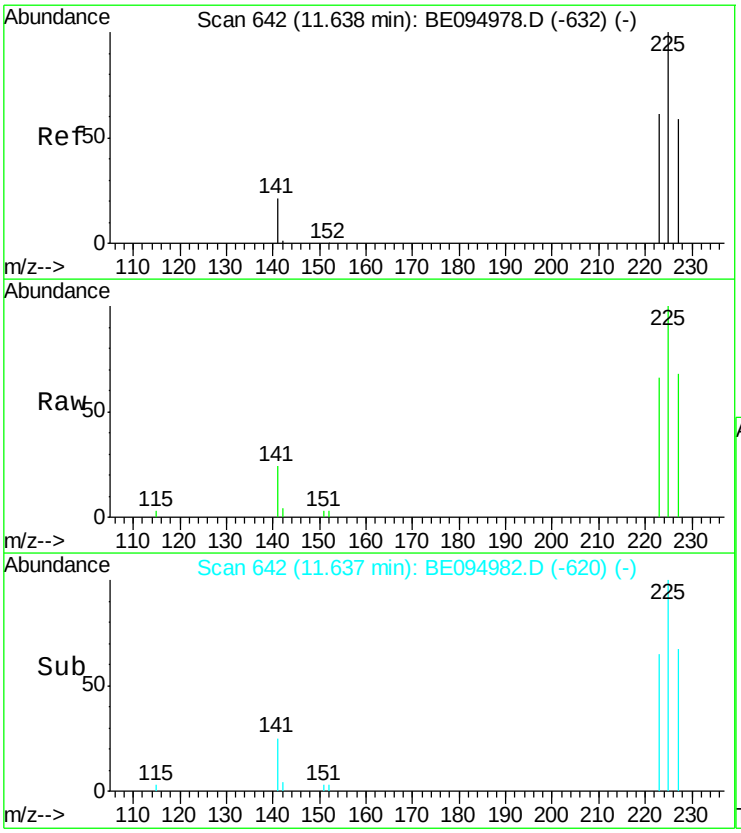
#9
Naphthalene
Concen: 0.404 ng
RT: 11.38 min Scan# 616
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:128 Resp: 64454

Ion	Ratio	Lower	Upper
128	100		
129	2.8	2.6	3.8
127	3.4	2.8	4.2

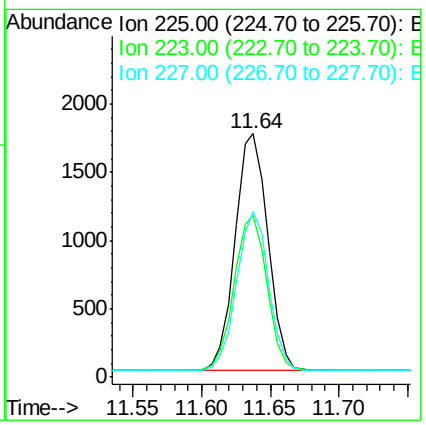


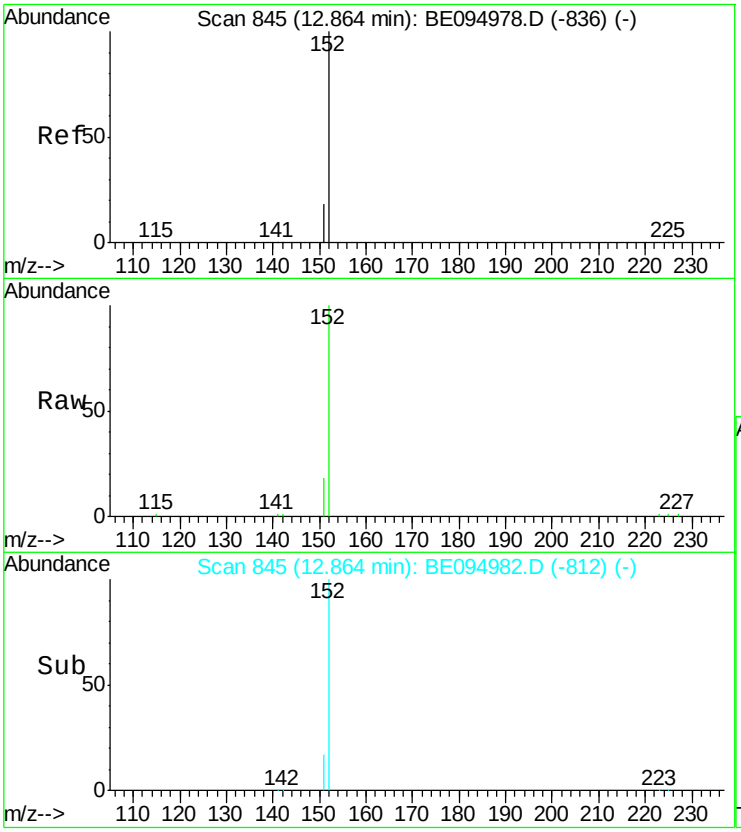


#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 11.64 min Scan# 642
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:225 Resp: 2898

Ion	Ratio	Lower	Upper
225	100		
223	65.5	53.0	79.6
227	65.8	51.4	77.2



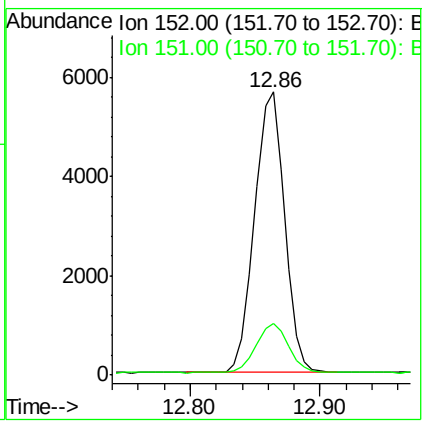


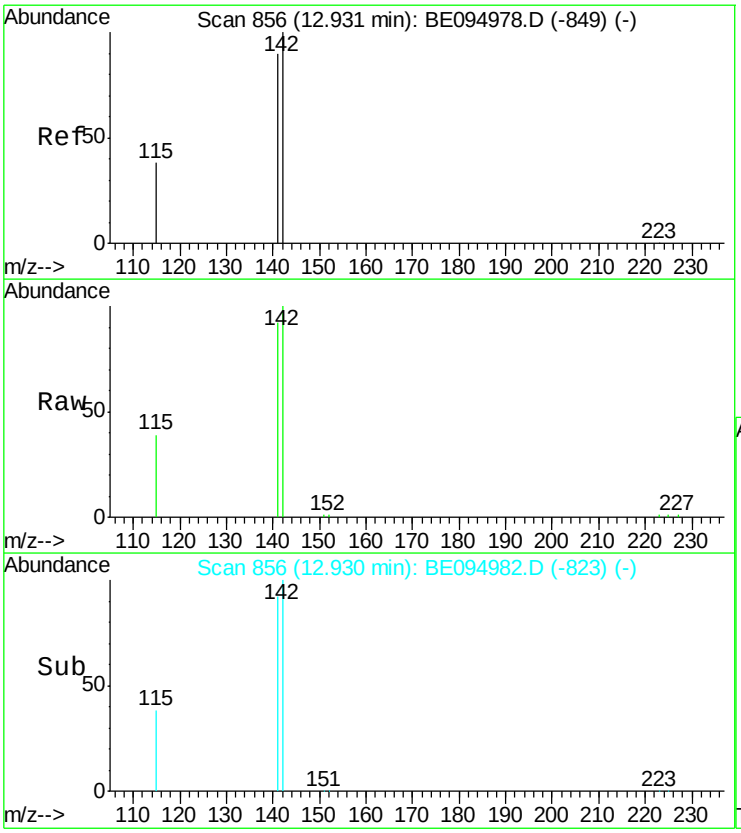
#11
2-Methylnaphthalene-d10
Concen: 0.406 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:152 Resp: 9030

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.0

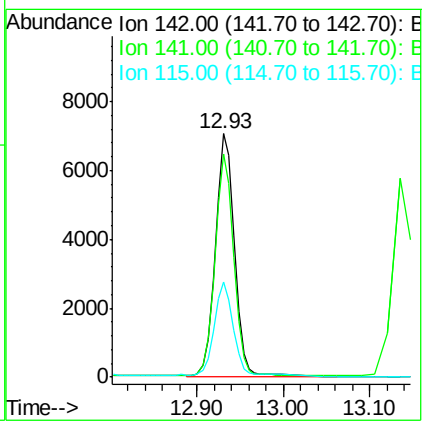


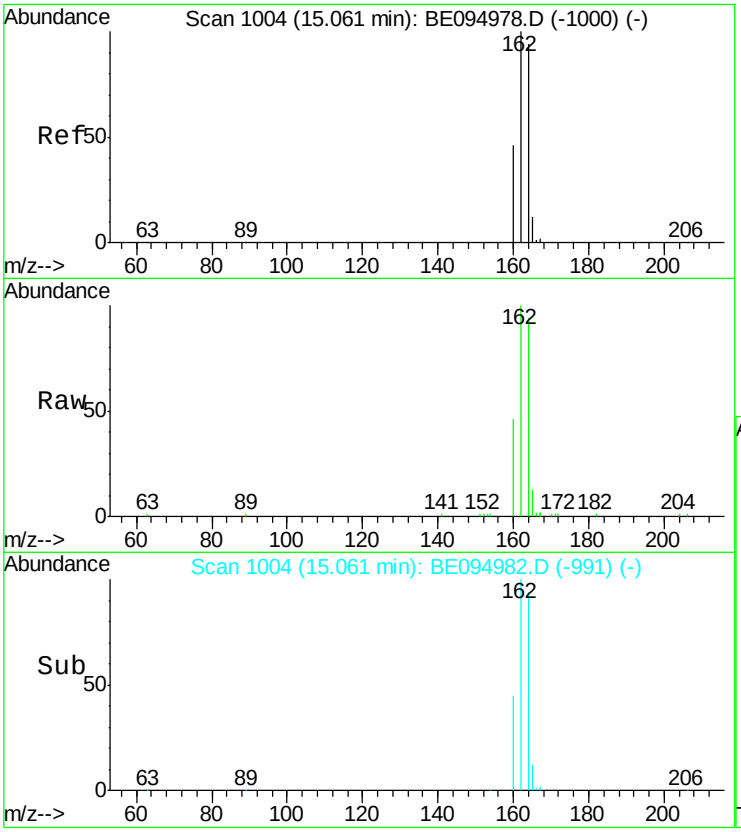


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.93 min Scan# 856
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:142 Resp: 15809

Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.4	105.6
115	39.0	31.7	47.5



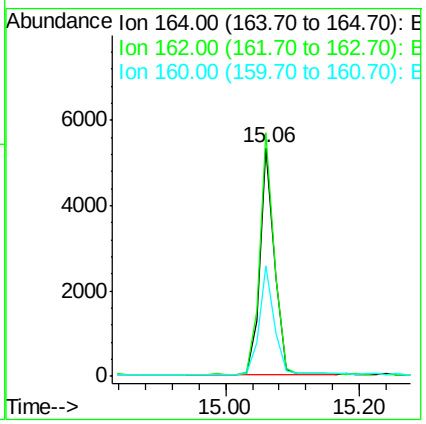


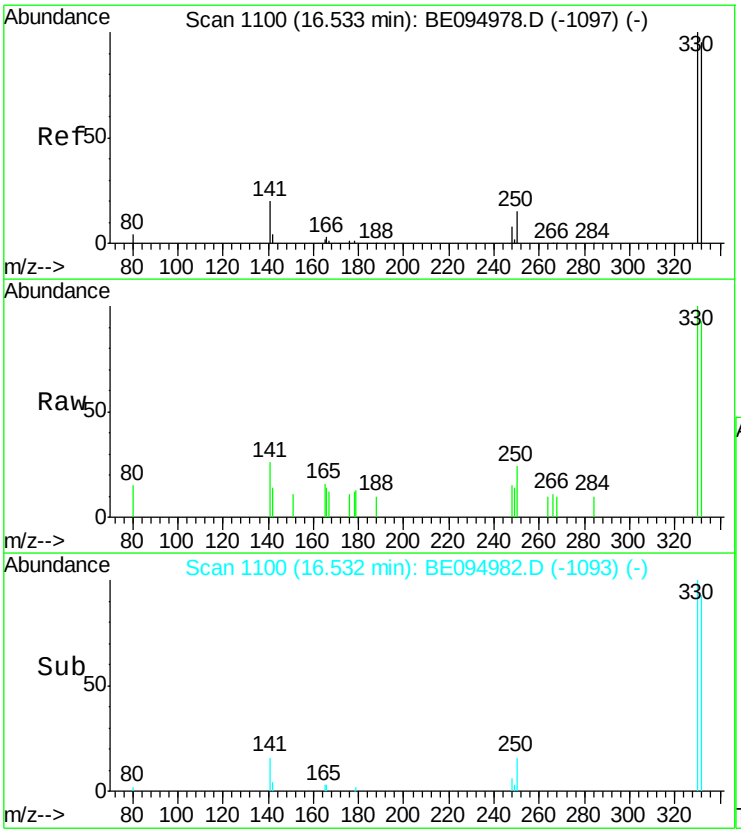
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:164 Resp: 7969

Ion	Ratio	Lower	Upper
164	100		
162	106.5	83.1	124.7
160	48.6	37.1	55.7

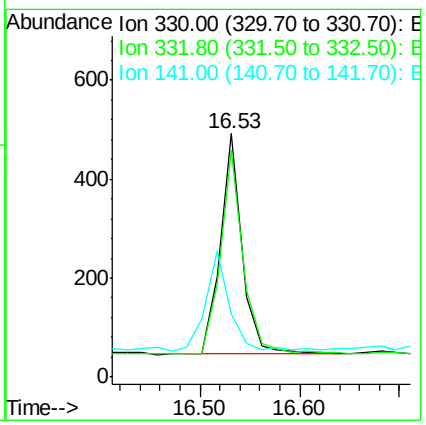


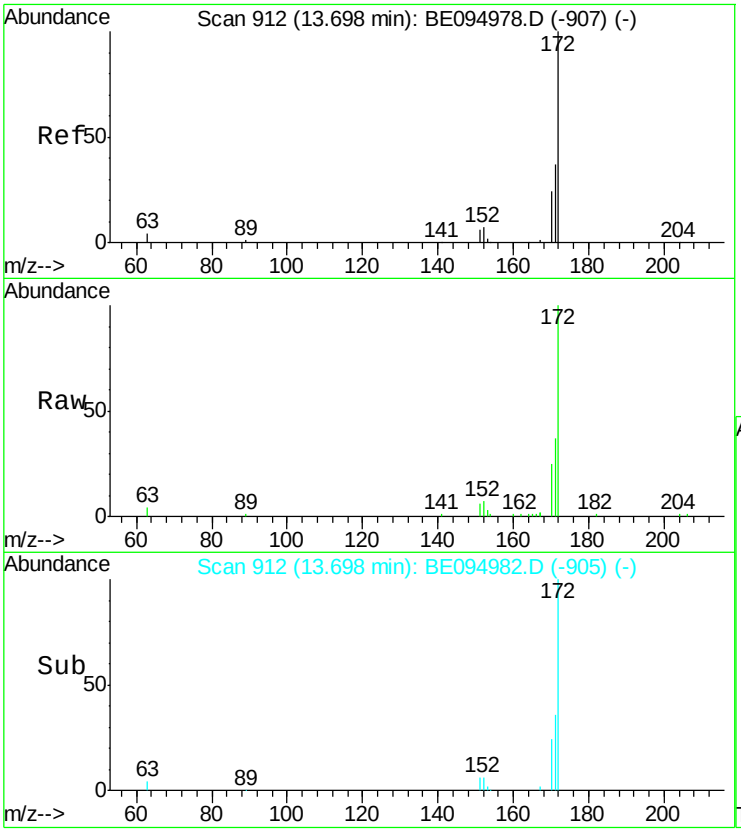


#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 16.53 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:330 Resp: 686

Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1#
141	50.0	33.7	50.5



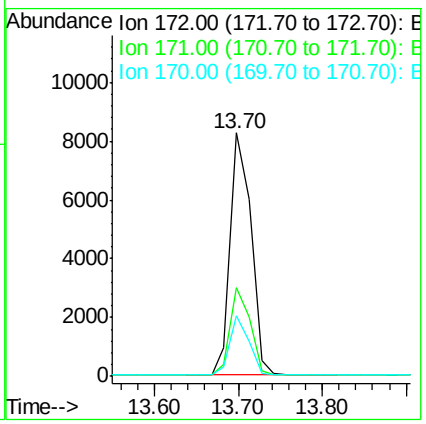


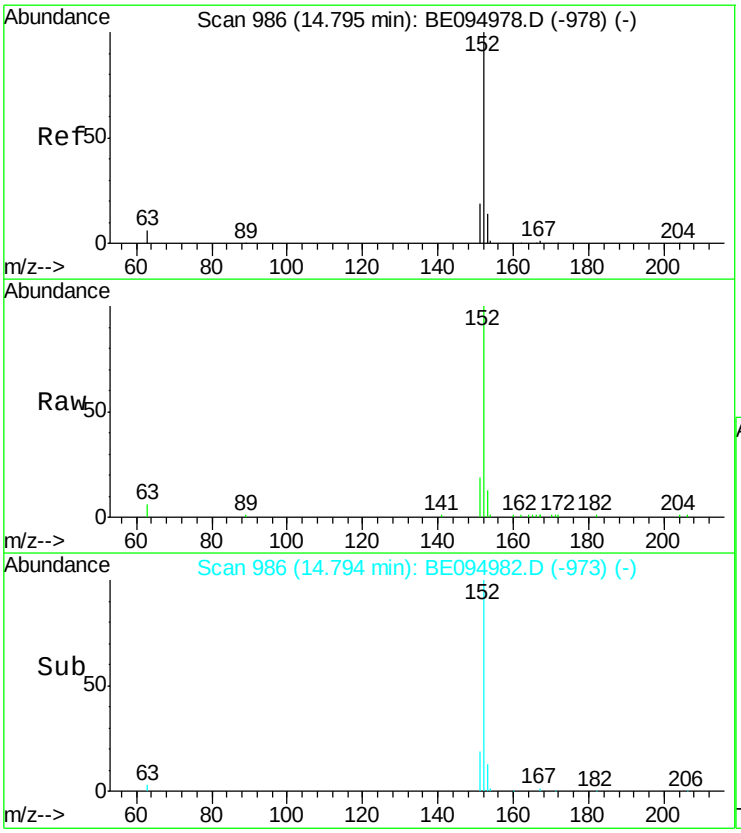
#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 13.70 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:172 Resp: 13970

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.9	44.9
170	24.7	21.8	32.8

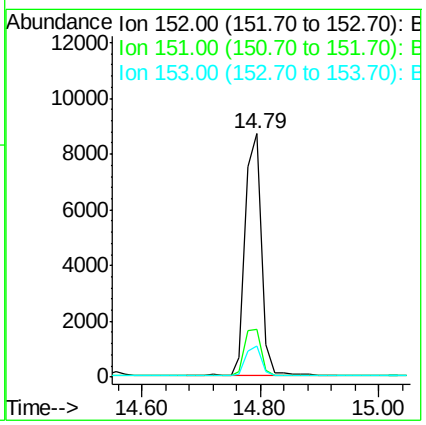


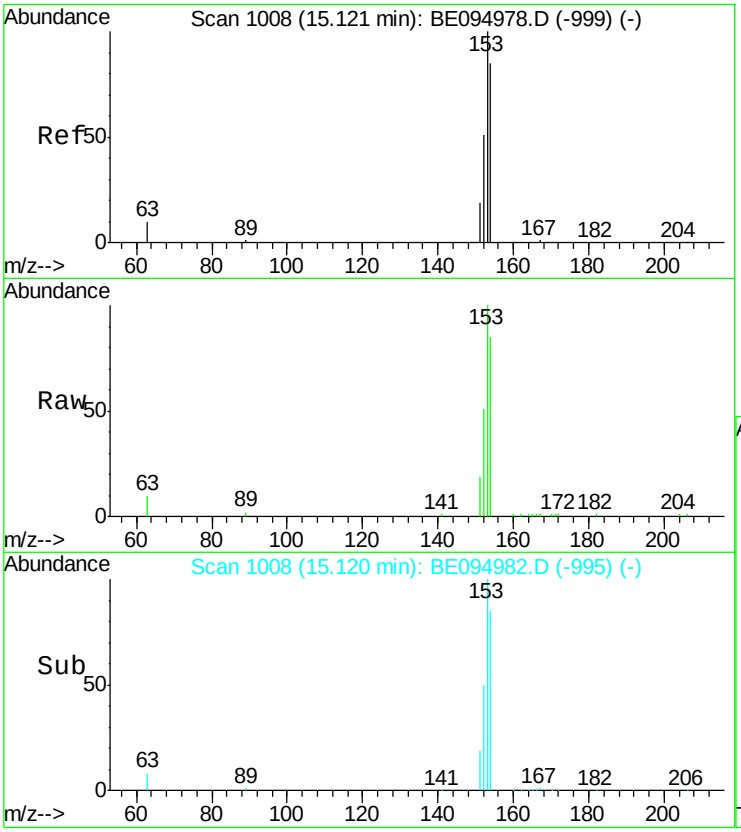


#16
Acenaphthylene
Concen: 0.385 ng
RT: 14.79 min Scan# 986
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:152 Resp: 16418

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	12.4	10.5	15.7



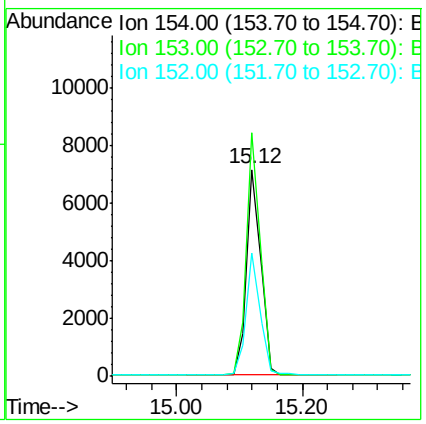


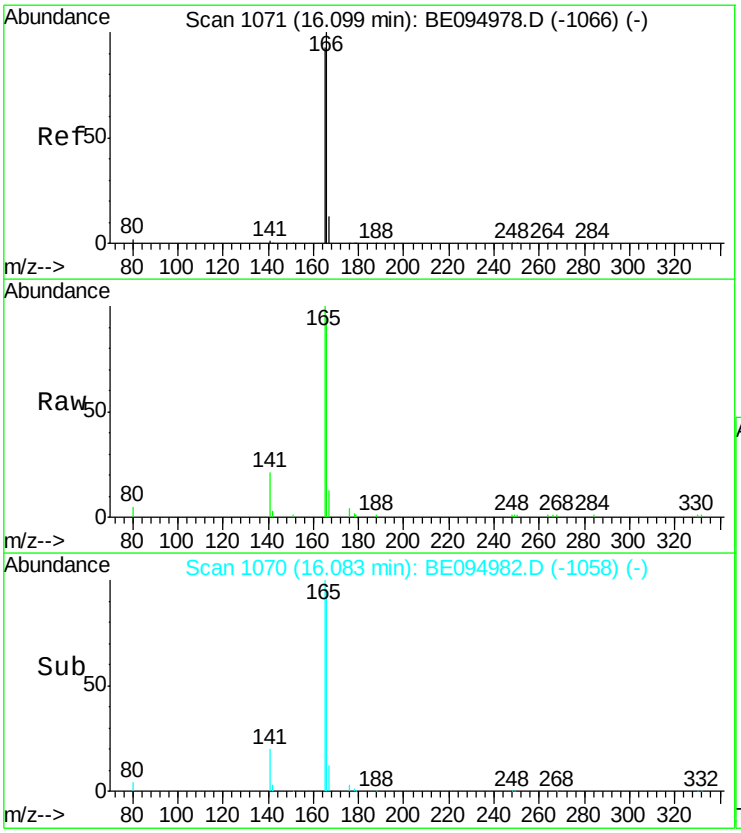
#17
Acenaphthene
Concen: 0.394 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:154 Resp: 11138

Ion	Ratio	Lower	Upper
154	100		
153	115.0	89.2	133.8
152	57.7	42.0	63.0

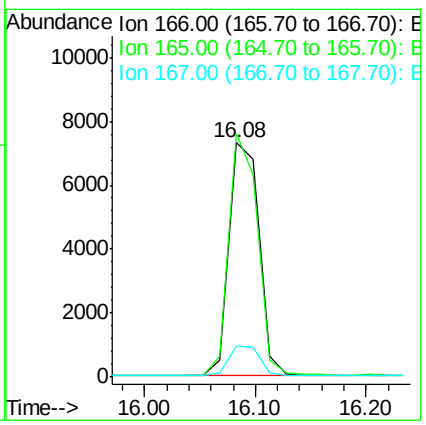


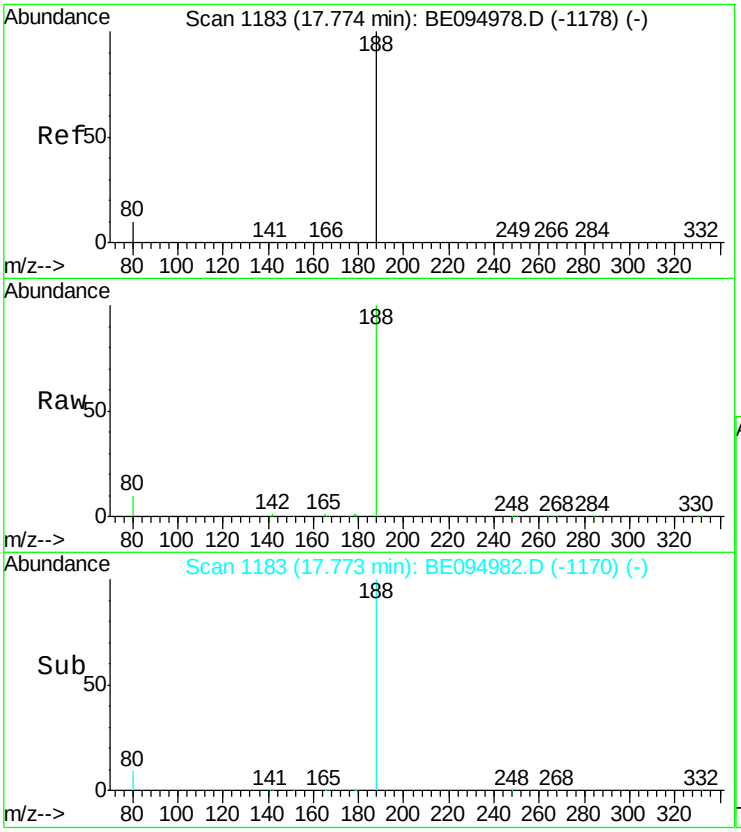


#18
Fluorene
Concen: 0.389 ng
RT: 16.08 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:166 Resp: 13654

Ion	Ratio	Lower	Upper
166	100		
165	99.3	77.8	116.6
167	13.2	42.4	63.6#



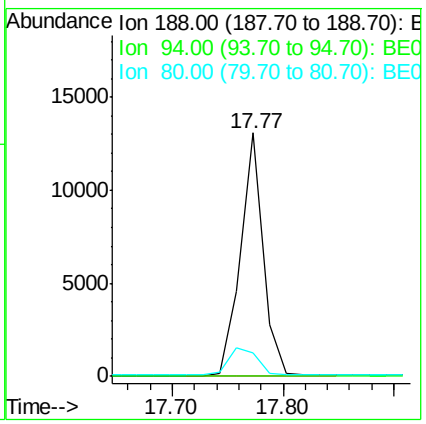


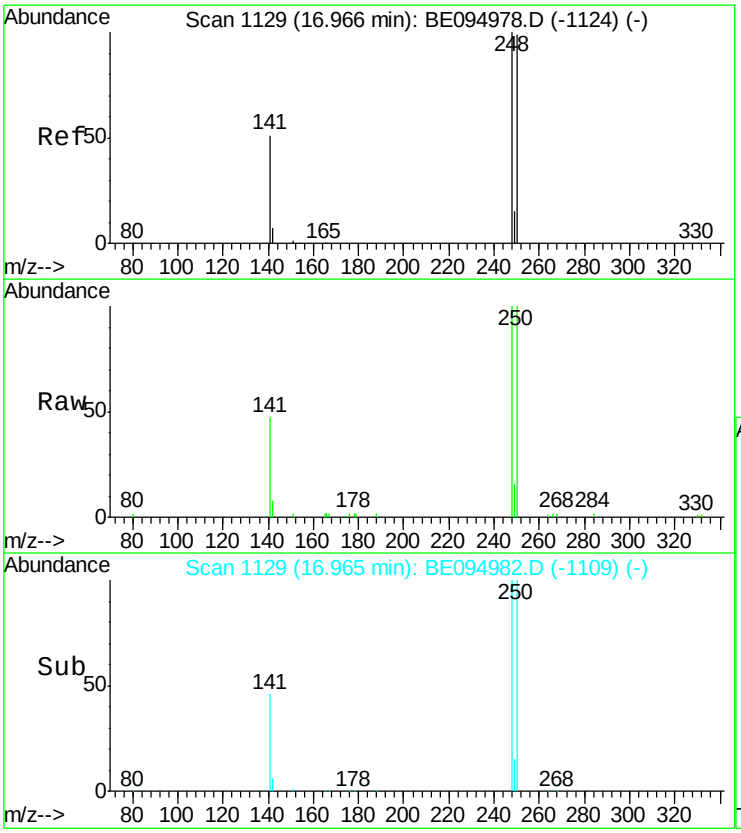
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.77 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:188 Resp: 18476

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	9.5	3.6	5.4#

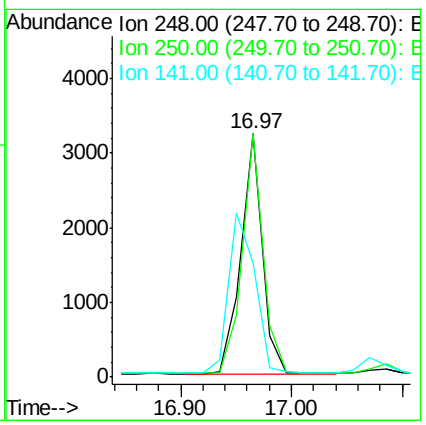


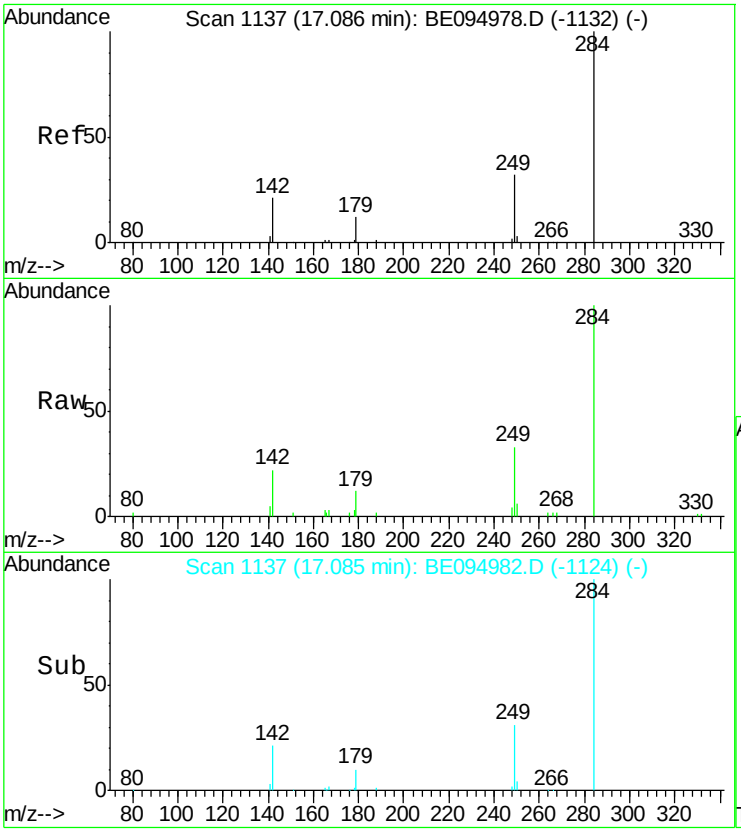


#20
4-Bromophenyl-phenylether
Concen: 0.398 ng
RT: 16.97 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:248 Resp: 4303

Ion	Ratio	Lower	Upper
248	100		
250	100.1	62.7	94.1#
141	46.8	48.2	72.2#



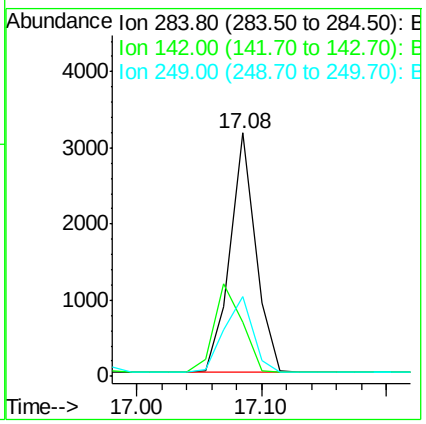


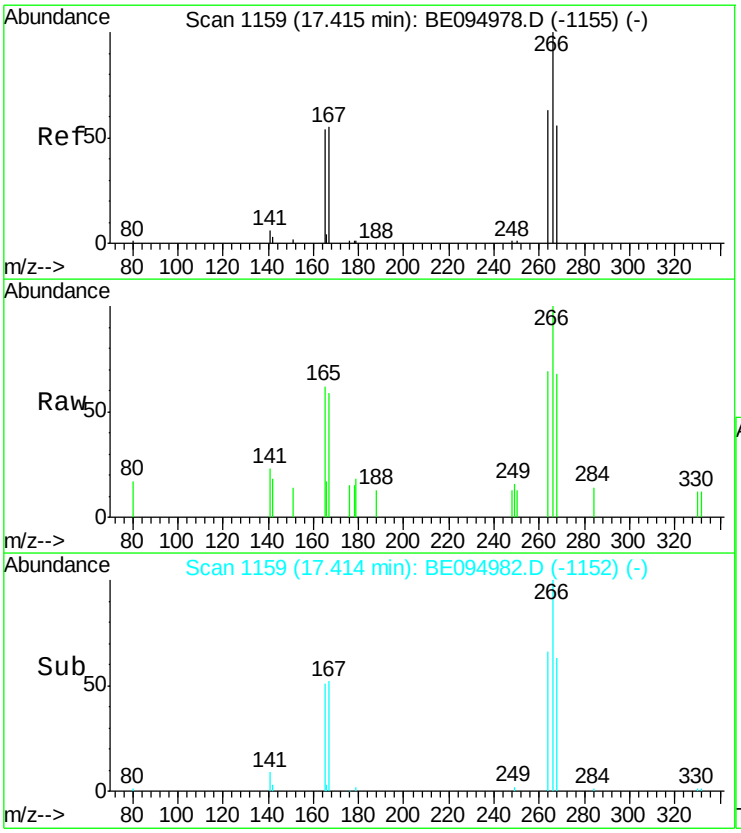
#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 17.08 min Scan# 1137
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:284 Resp: 4489

Ion	Ratio	Lower	Upper
284	100		
142	40.7	22.1	33.1#
249	34.8	34.8	52.2#

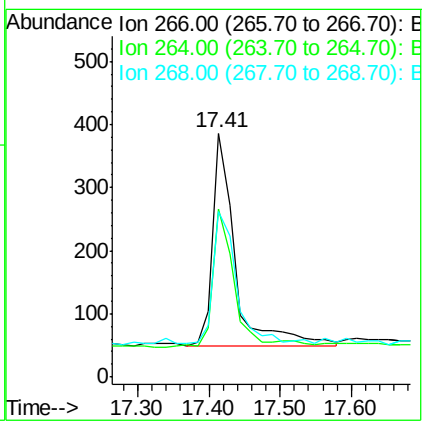


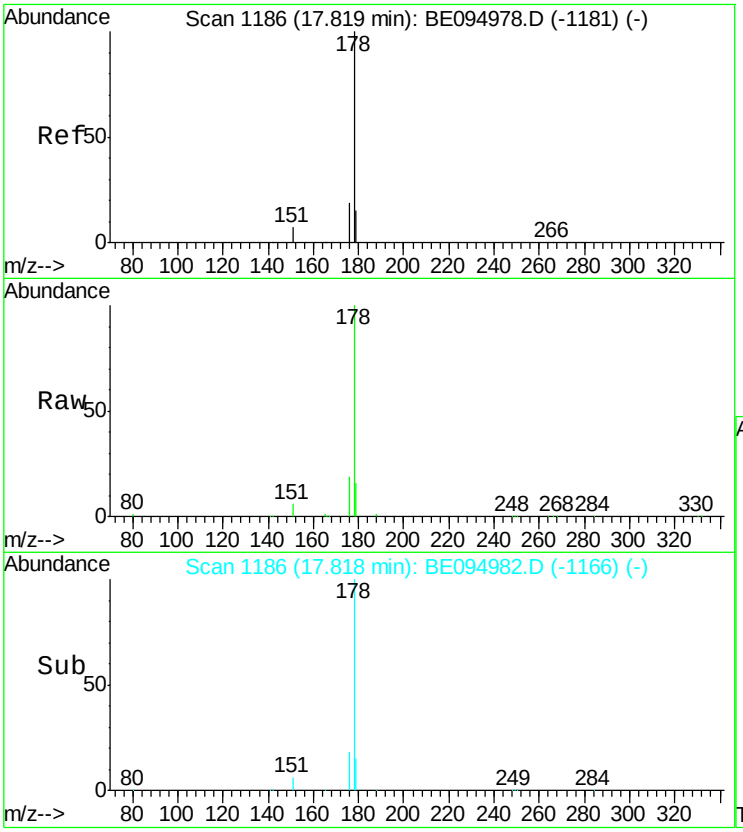


#22
Pentachlorophenol
Concen: 0.352 ng
RT: 17.41 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:266 Resp: 747

Ion	Ratio	Lower	Upper
266	100		
264	69.2	72.5	108.7#
268	67.9	73.8	110.6#



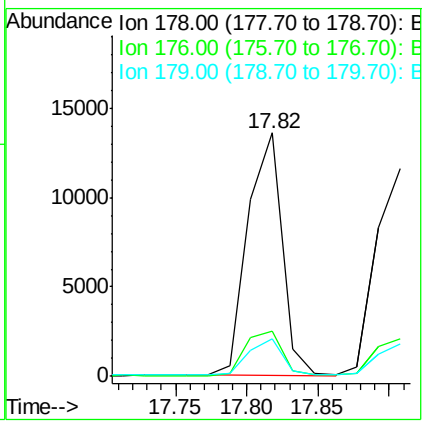


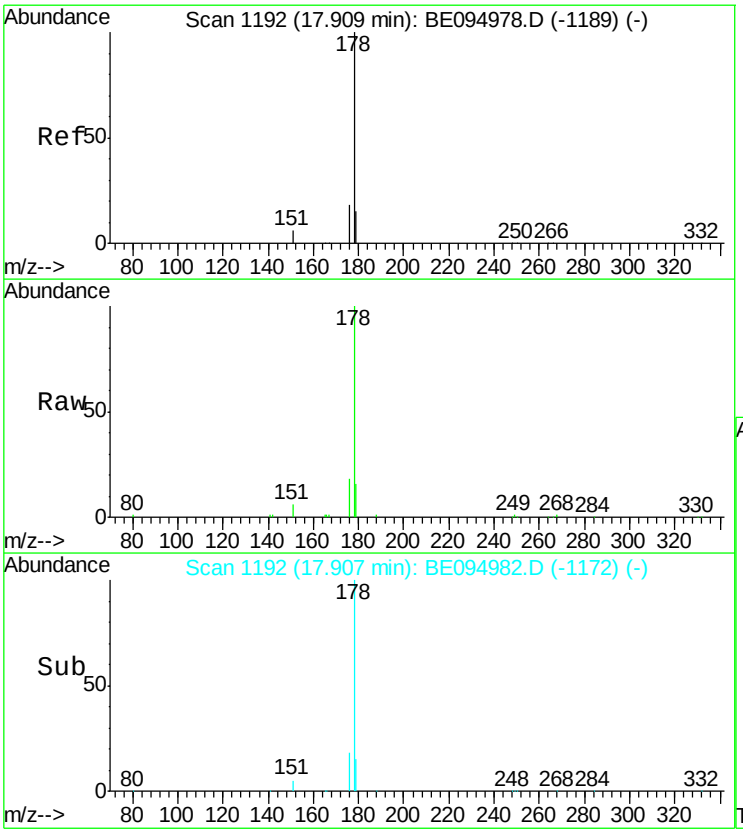
#23
Phenanthrene
Concen: 0.399 ng
RT: 17.82 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:178 Resp: 22979

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.1	22.7
179	15.3	11.8	17.6

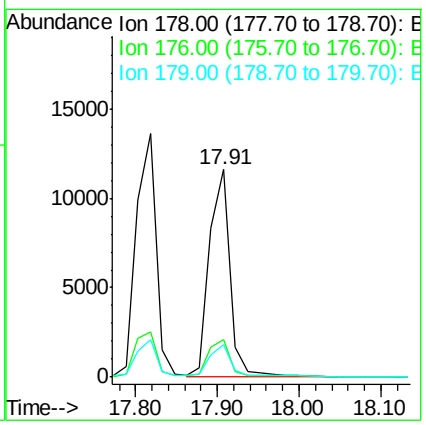


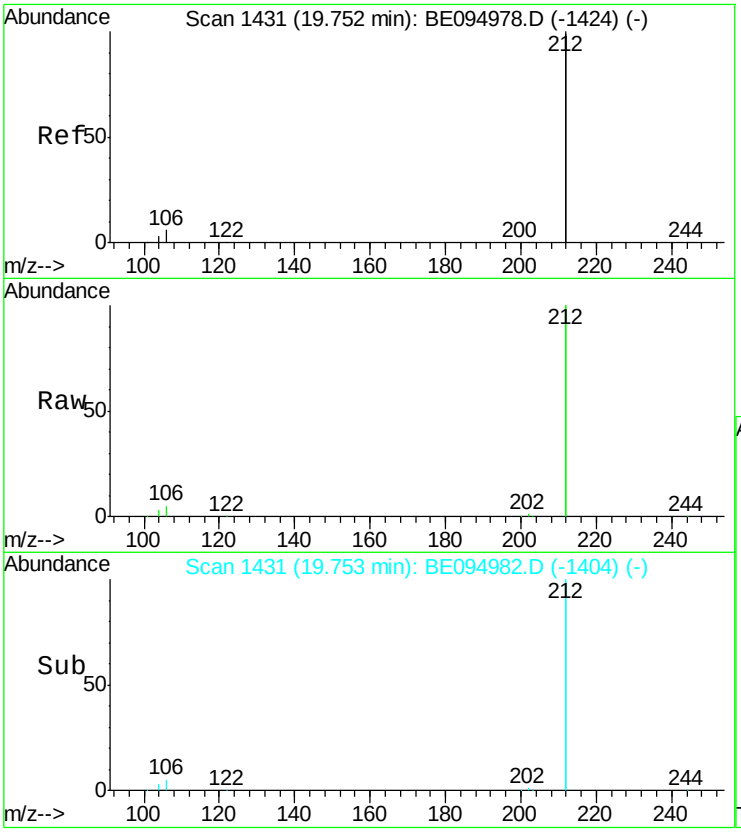


#24
Anthracene
Concen: 0.389 ng
RT: 17.91 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:178 Resp: 23002

Ion	Ratio	Lower	Upper
178	100		
176	20.3	12.8	19.2#
179	17.6	13.0	19.6



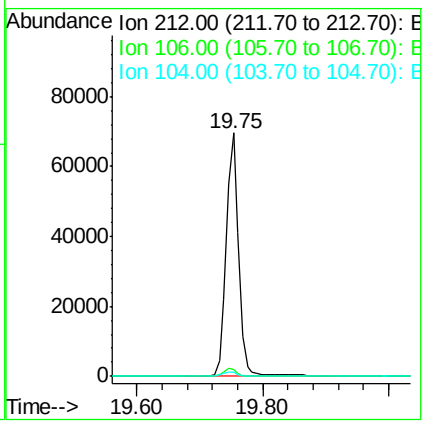


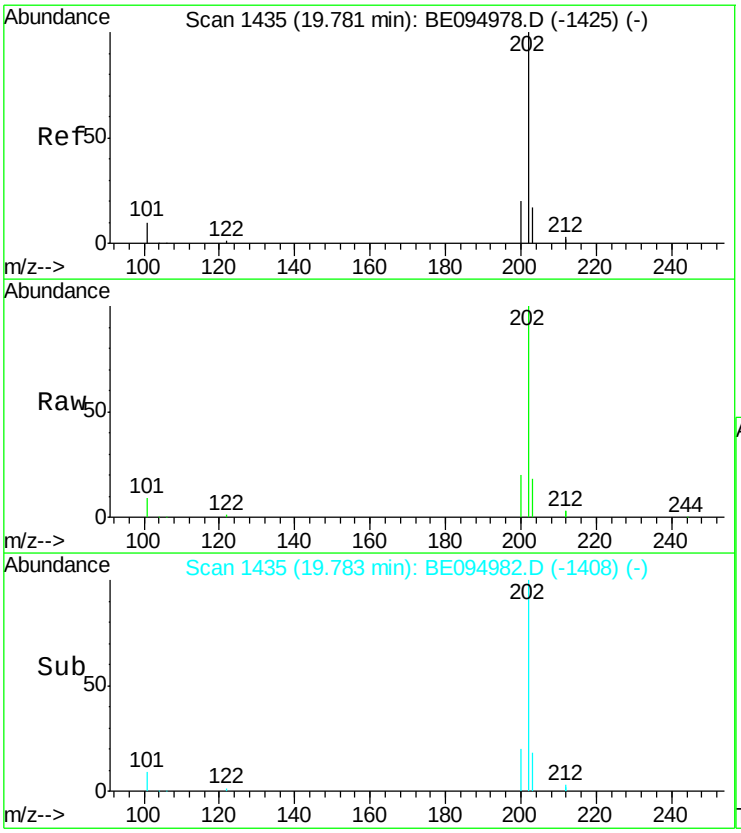
#25
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.75 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:212 Resp: 92810

Ion	Ratio	Lower	Upper
212	100		
106	3.2	2.8	4.2
104	1.9	1.6	2.4

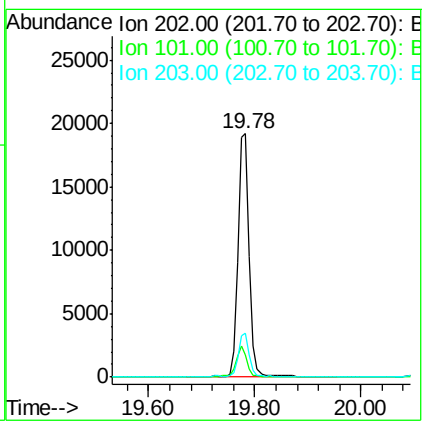


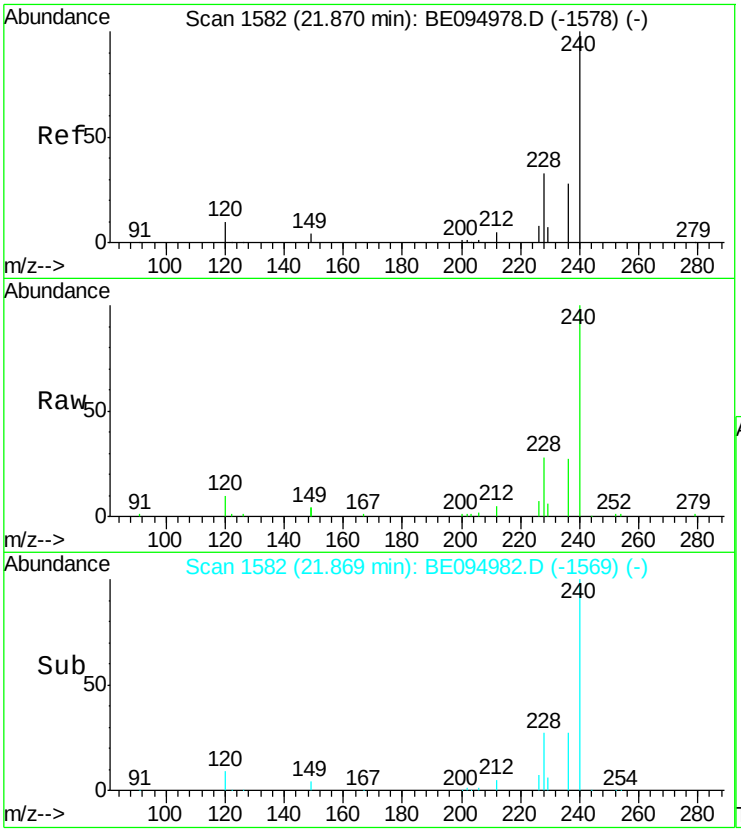


#26
Fluoranthene
Concen: 0.391 ng
RT: 19.78 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:202 Resp: 27775

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.2	13.7	20.5



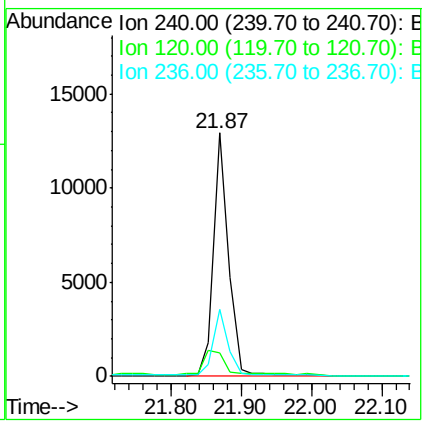


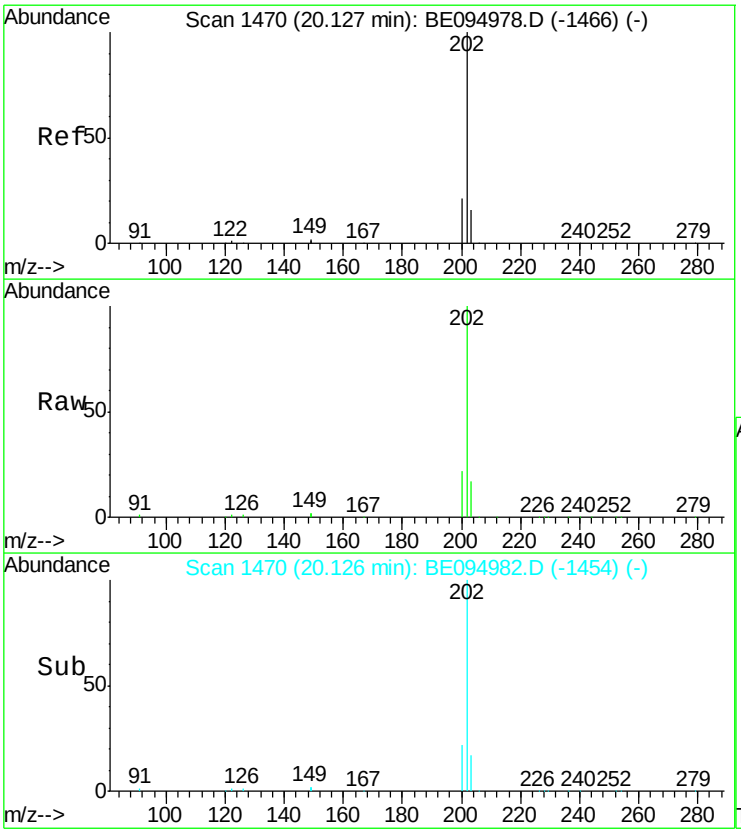
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.87 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:240 Resp: 20675

Ion	Ratio	Lower	Upper
240	100		
120	9.5	5.5	8.3#
236	27.4	20.7	31.1

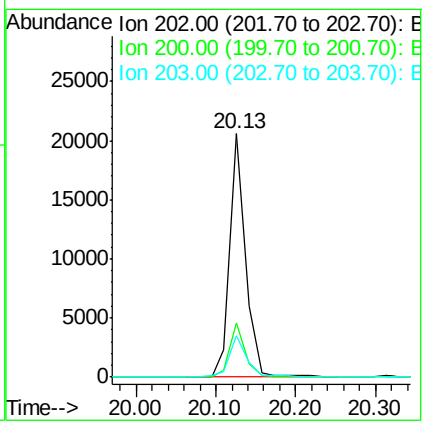


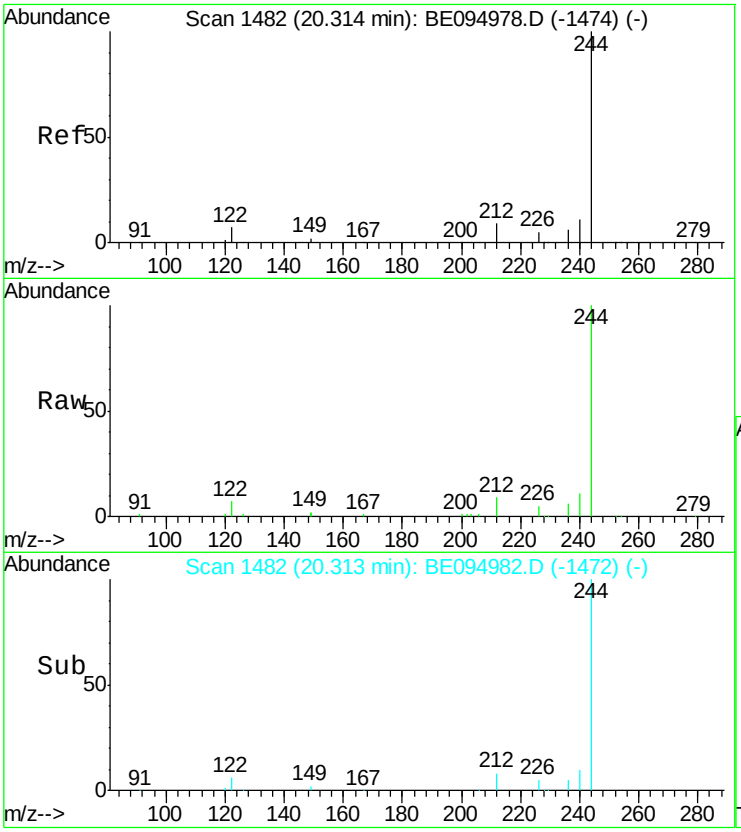


#28
Pyrene
Concen: 0.392 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:202 Resp: 27474

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	19.8	13.8	20.8



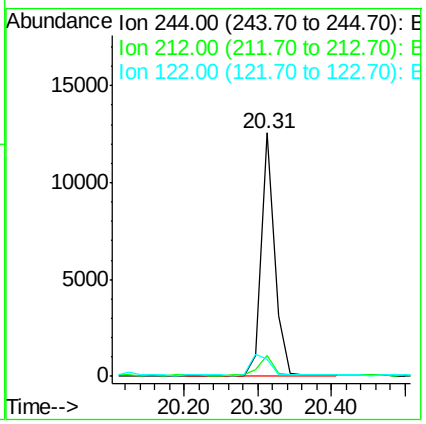


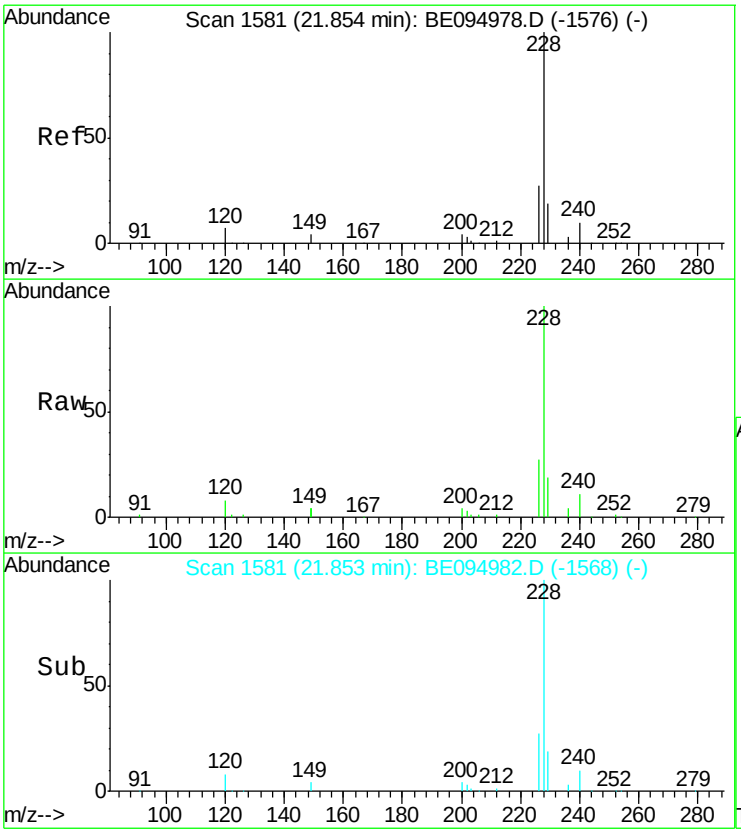
#29
Terphenyl-d14
Concen: 0.404 ng
RT: 20.31 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:244 Resp: 15744

Ion	Ratio	Lower	Upper
244	100		
212	8.7	25.4	38.0#
122	6.9	8.1	12.1#

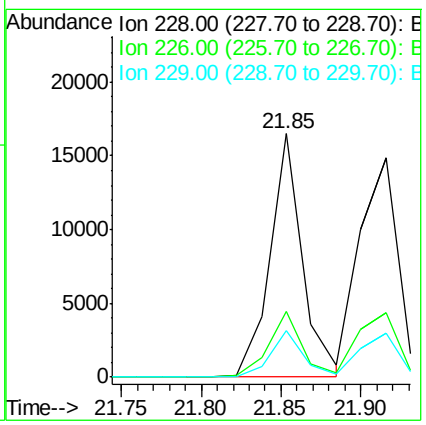


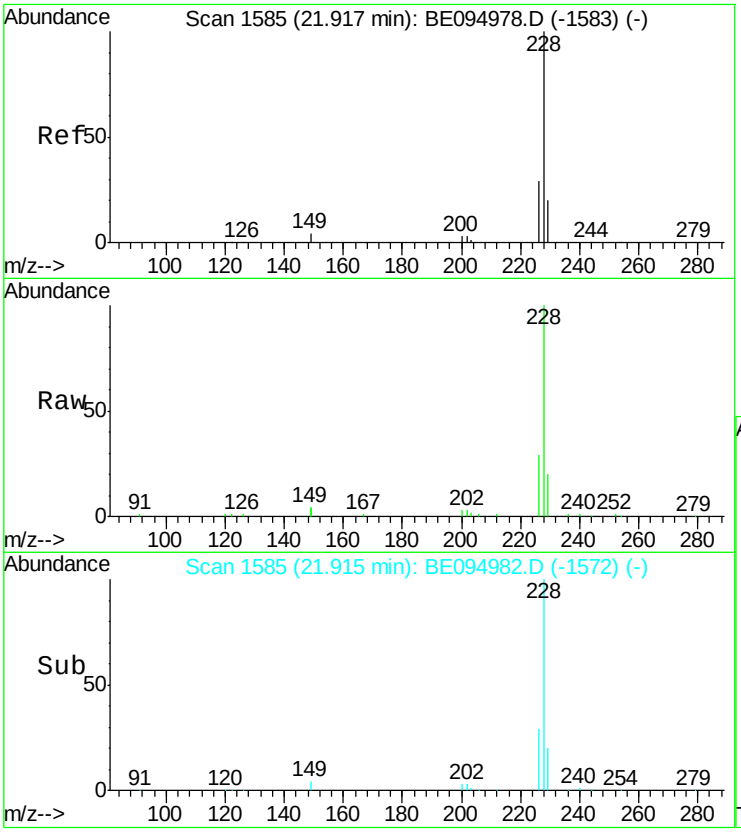


#30
Benzo(a)anthracene
Concen: 0.384 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:228 Resp: 23193

Ion	Ratio	Lower	Upper
228	100		
226	26.8	40.0	60.0#
229	19.3	40.0	60.0#



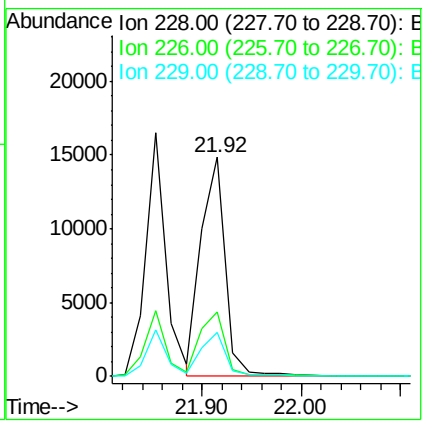


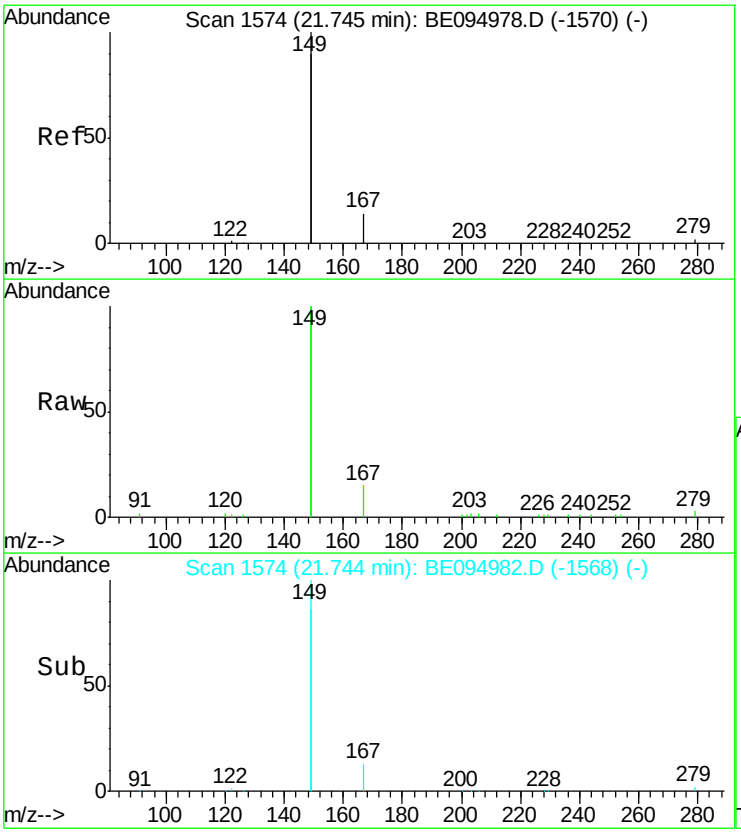
#31
Chrysene
Concen: 0.404 ng
RT: 21.92 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:228 Resp: 27438

Ion	Ratio	Lower	Upper
228	100		
226	29.3	40.0	60.0#
229	20.3	40.0	60.0#

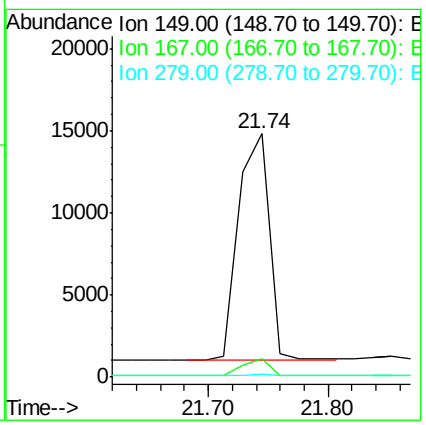


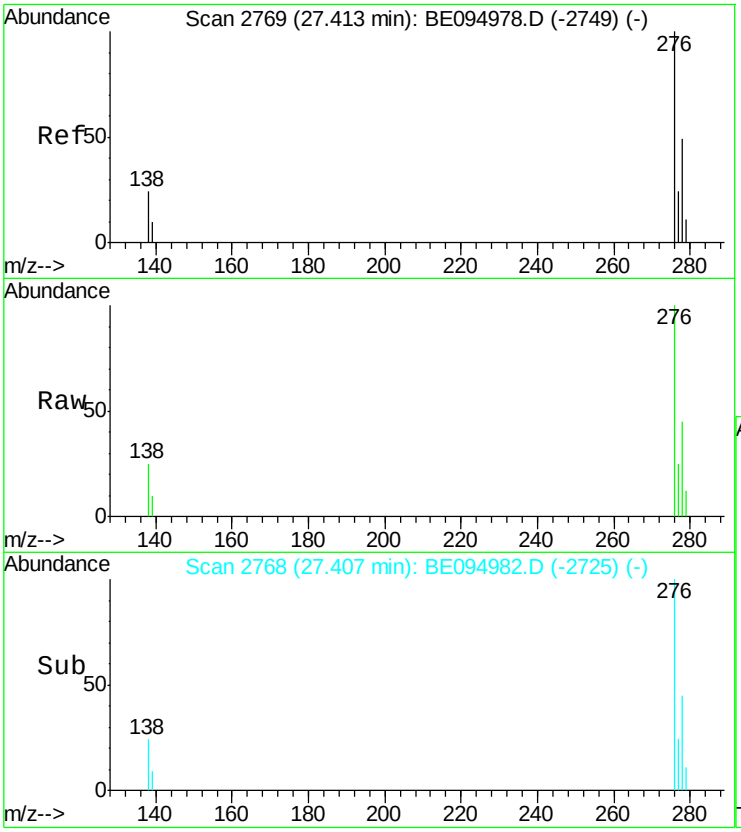


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.316 ng
RT: 21.74 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:149 Resp: 24340

Ion	Ratio	Lower	Upper
149	100		
167	6.6	5.4	8.0
279	0.9	0.7	1.1



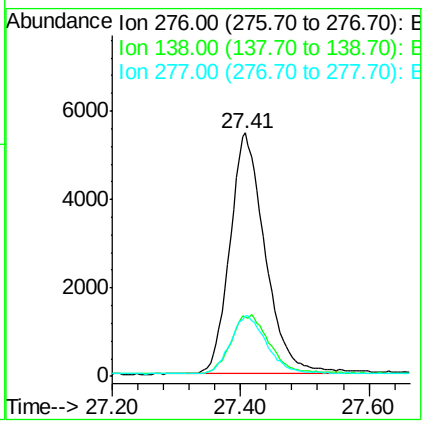


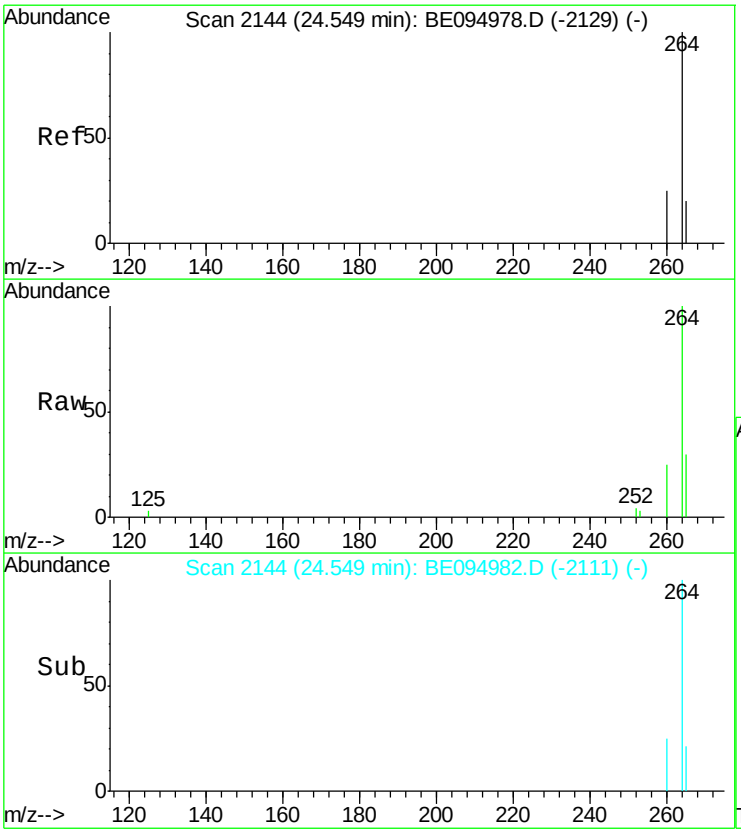
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 27.41 min Scan# 2768
Delta R.T. -0.01 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:276 Resp: 20756

Ion	Ratio	Lower	Upper
276	100		
138	26.4	22.5	33.7
277	25.0	19.9	29.9

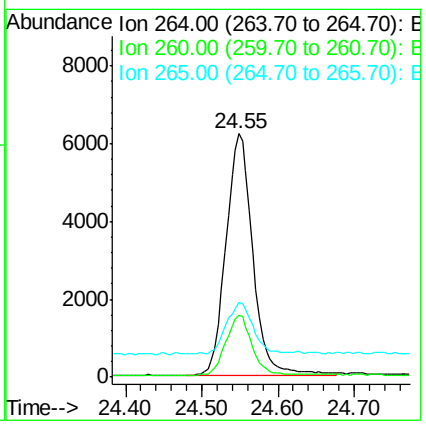


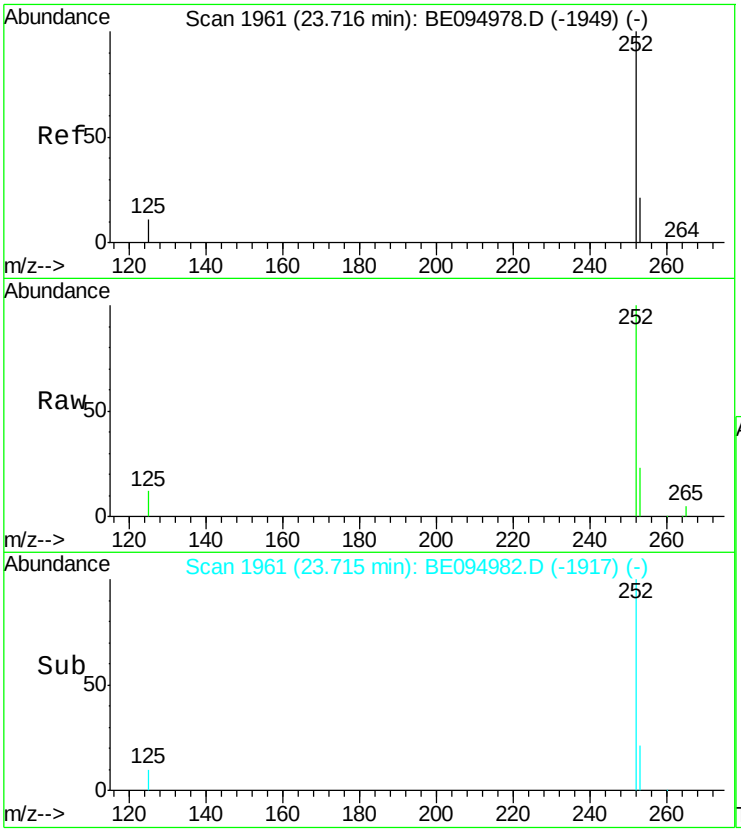


#34
Perylene-d12
Concen: 0.400 ng
RT: 24.55 min Scan# 2144
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:264 Resp: 15187

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.5	30.7
265	30.5	22.8	34.2



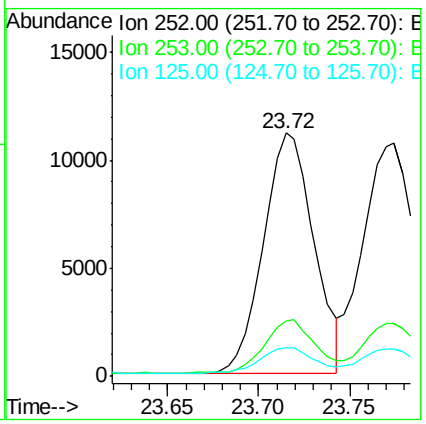


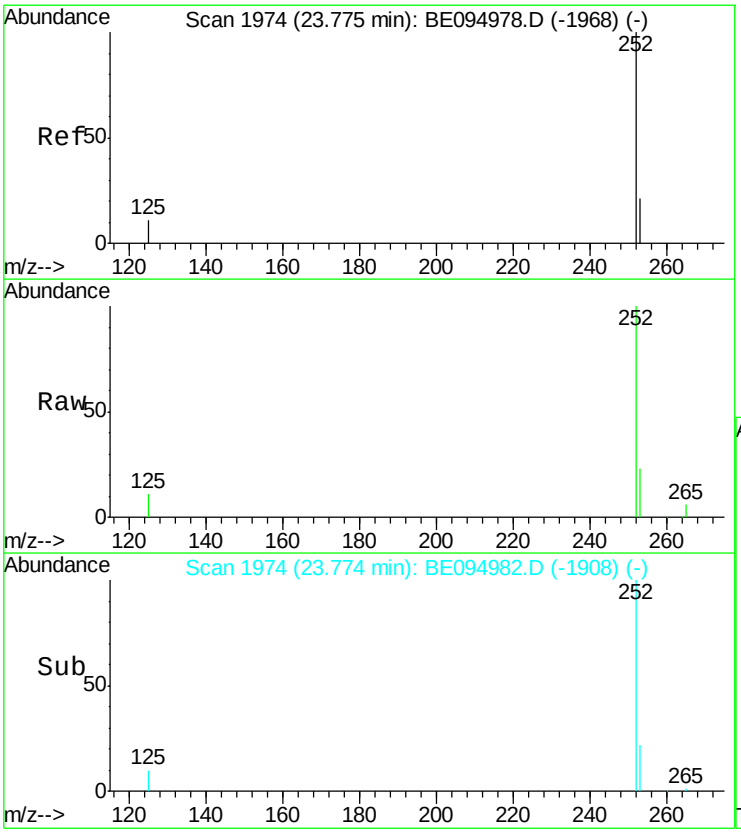
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 23.72 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:252 Resp: 21546

Ion	Ratio	Lower	Upper
252	100		
253	22.6	20.0	30.0
125	11.5	16.0	24.0#

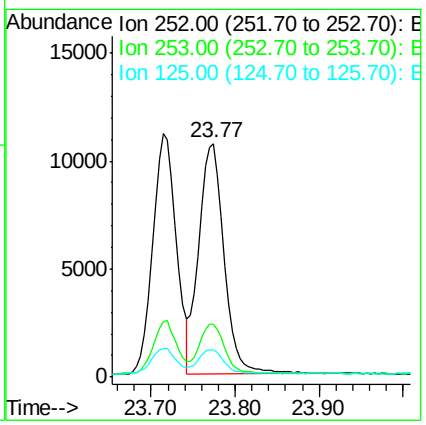


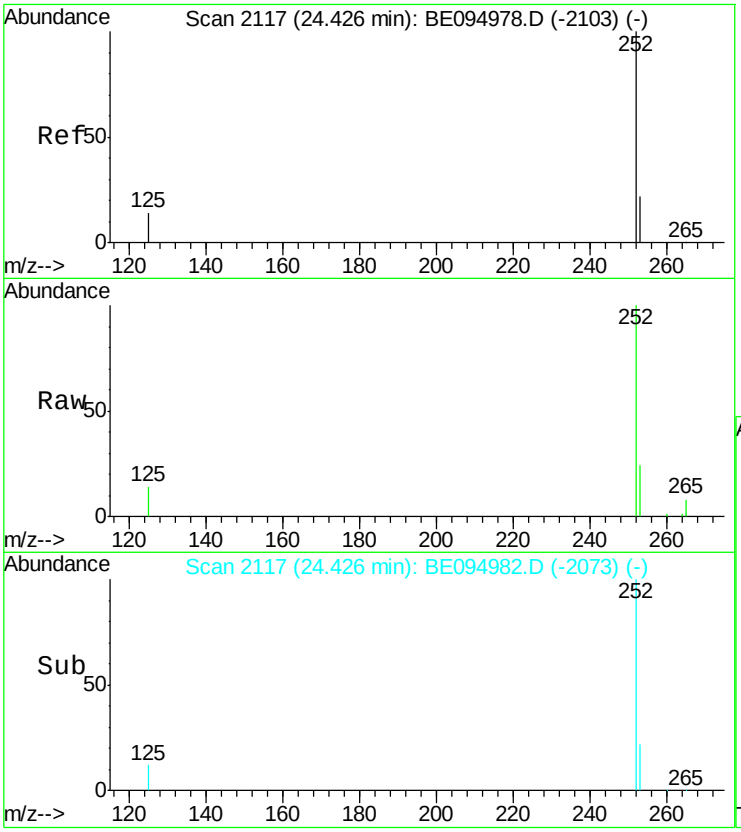


#36
Benzo(k)fluoranthene
Concen: 0.395 ng
RT: 23.77 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:252 Resp: 22321

Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.0	24.0
125	11.5	8.0	12.0



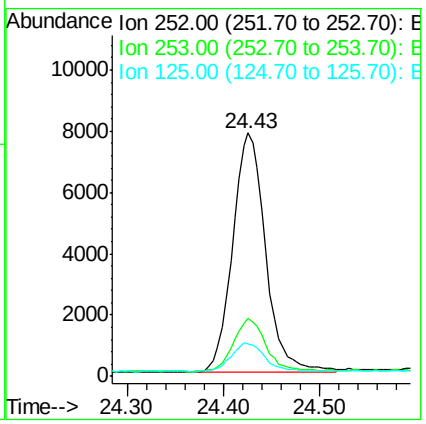


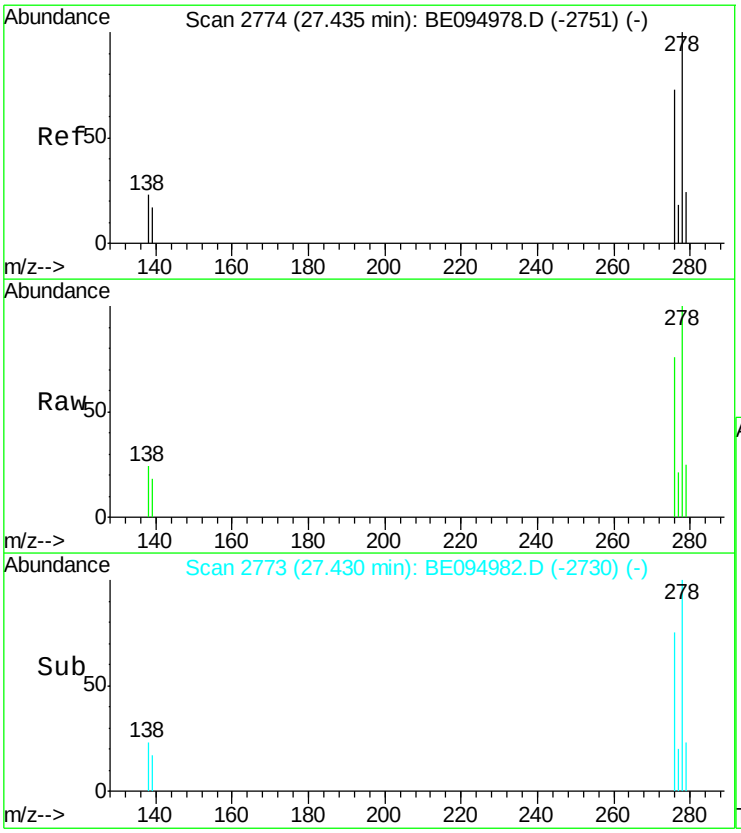
#37
Benzo(a)pyrene
Concen: 0.375 ng
RT: 24.43 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:252 Resp: 18573

Ion	Ratio	Lower	Upper
252	100		
253	23.8	16.0	24.0
125	13.5	12.0	18.0

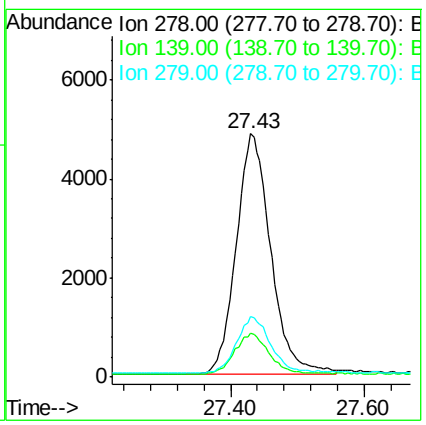


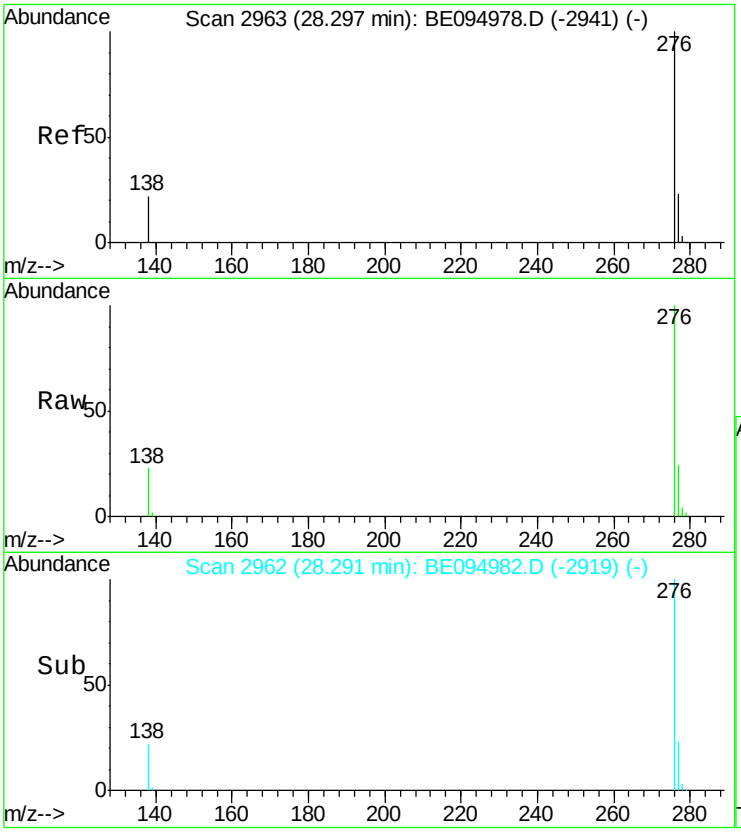


#38
Dibenzo(a,h)anthracene
Concen: 0.380 ng
RT: 27.43 min Scan# 2773
Delta R.T. -0.01 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Tgt Ion:278 Resp: 17455

Ion	Ratio	Lower	Upper
278	100		
139	18.0	16.0	24.0
279	24.8	20.0	30.0





#39
Benzo(g,h,i)perylene
Concen: 0.396 ng
RT: 28.29 min Scan# 2962
Delta R.T. -0.01 min
Lab File: BE094982.D
Acq: 14 Dec 2017 18:25

Instrument :
BNA_E
ClientSampleId :
ICVBE121417

Tgt Ion:276 Resp: 18109

Ion	Ratio	Lower	Upper
276	100		
277	24.3	16.0	24.0#
138	22.9	20.0	30.0