Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094906.D
Acq On : 1 Dec 2017 15:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDCCC0.4

Quant Time: Dec 02 00:35:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.47	152	6946	0.40	ng		-0.01
7) Naphthalene-d8	11.33	136	14982	0.40	ng		0.00
13) Acenaphthene-d10	15.06	164	8501	0.40	ng		-0.01
19) Phenanthrene-d10	17.77	188	21459	0.40	ng		0.00
27) Chrysene-d12	21.89	240	25342	0.40	ng		0.00
34) Perylene-d12	24.56	264	20664	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.96	112	4221	0.38	ng		0.00
5) Phenol-d6	7.59	99	6230	0.38	ng		0.00
8) Nitrobenzene-d5	9.66	82	4605	0.52	ng		0.00
11) 2-Methylnaphthalene-d10	12.86	152	9453	0.40	ng		0.00
14) 2,4,6-Tribromophenol	16.53	330	724	0.42	ng		0.00
15) 2-Fluorobiphenyl	13.71	172	14475	0.40	ng		0.00
25) Fluoranthene-d10	19.76	212	113323	0.39	ng		0.00
29) Terphenyl-d14	20.33	244	18457	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.68	88	2708	0.37	ng	#	90
3) n-Nitrosodimethylamine	4.02	42	3553	0.38	ng	#	76
6) bis(2-Chloroethyl)ether	7.87	93	6128	0.38	ng		99
9) Naphthalene	11.38	128	68610	0.39	ng		99
10) Hexachlorobutadiene	11.64	225	2987	0.40	ng		96
12) 2-Methylnaphthalene	12.94	142	16943	0.39	ng		97
16) Acenaphthylene	14.79	152	18127	0.38	ng		100
17) Acenaphthene	15.12	154	12109	0.39	ng		95
18) Fluorene	16.10	166	15347	0.39	ng	#	78
20) 4-Bromophenyl-phenylether	16.97	248	4670	0.39	ng	#	81
21) Hexachlorobenzene	17.09	284	4958	0.42	ng	#	80
22) Pentachlorophenol	17.42	266	1127	0.42	ng	#	78
23) Phenanthrene	17.82	178	26891	0.39	ng		97
24) Anthracene	17.91	178	27352	0.38	ng	#	92
26) Fluoranthene	19.79	202	33987	0.39	ng		99
28) Pyrene	20.13	202	38104	0.44	ng		97
30) Benzo(a)anthracene	21.85	228	30677	0.39	ng	#	62
31) Chrysene	21.92	228	34119	0.40	ng	#	64
32) Bis(2-ethylhexyl)phthalate	21.76	149	42605	0.33	ng		99
33) Indeno(1,2,3-cd)pyrene	27.44	276	27499	0.39	ng		99
35) Benzo(b)fluoranthene	23.73	252	29437	0.39	ng	#	40
36) Benzo(k)fluoranthene	23.78	252	29565	0.38	ng	#	39
37) Benzo(a)pyrene	24.44	252	25447	0.38	ng	#	33
38) Dibenzo(a,h)anthracene	27.46	278	23198	0.38	ng	#	43
39) Benzo(g,h,i)perylene	28.31	276	23143	0.38	ng	#	53

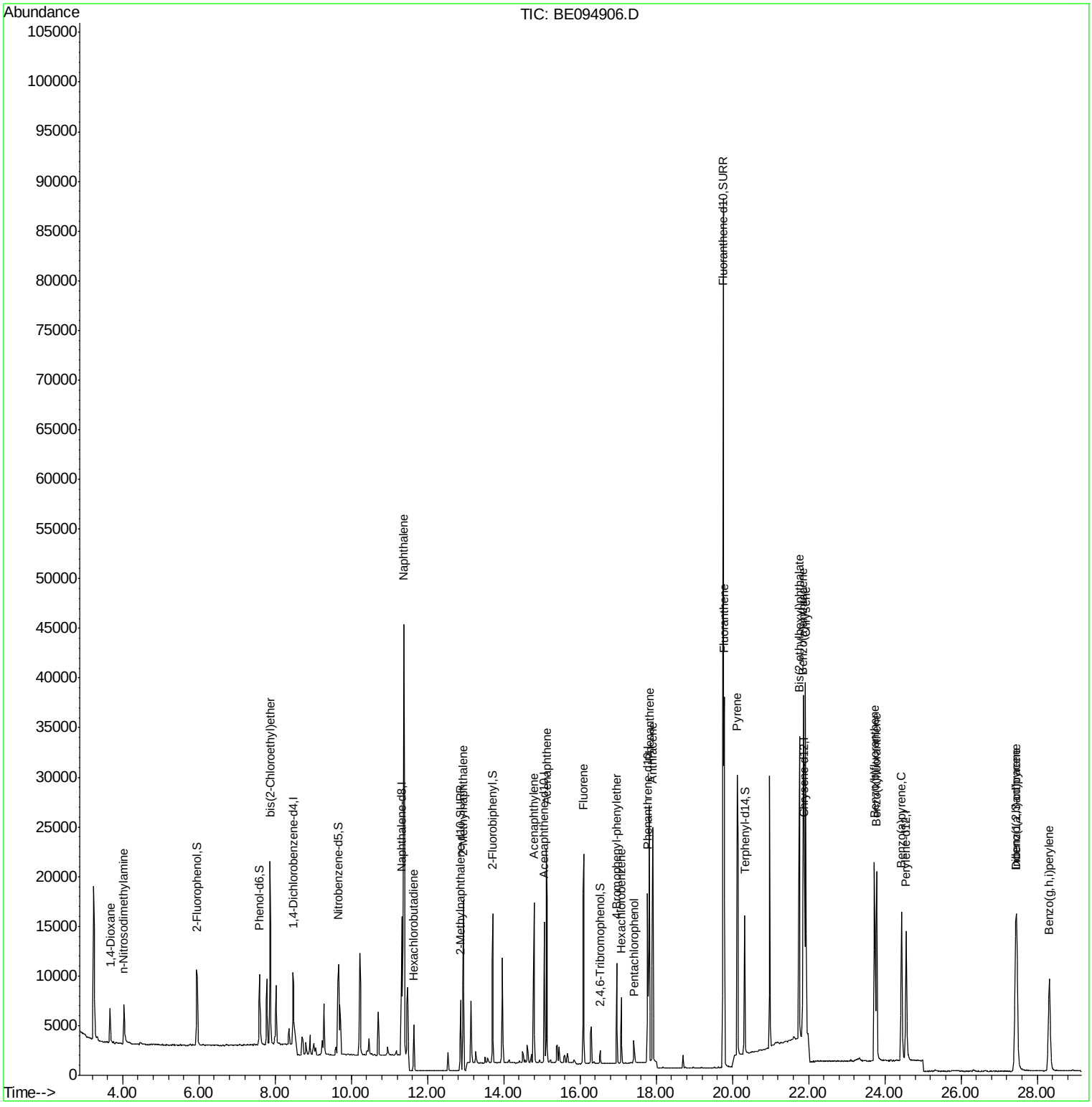
(#) = qualifier out of range (m) = manual integration (+) = signals summed

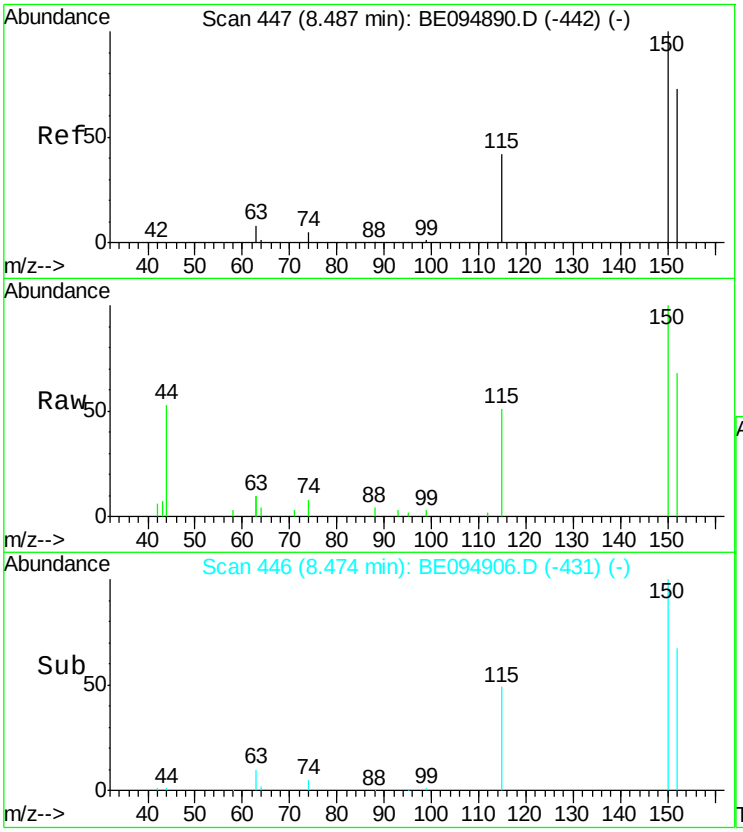
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE120117\
Data File : BE094906.D
Acq On : 1 Dec 2017 15:50
Operator : SJ/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 02 00:35:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 13:33:28 2017
Response via : Initial Calibration



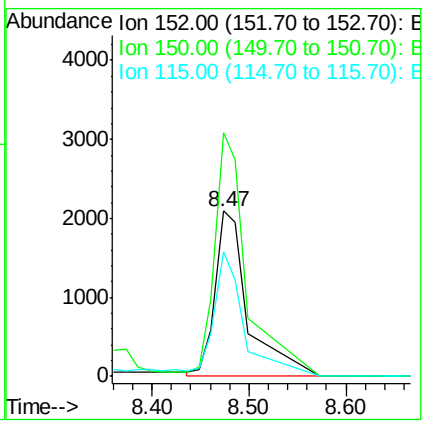


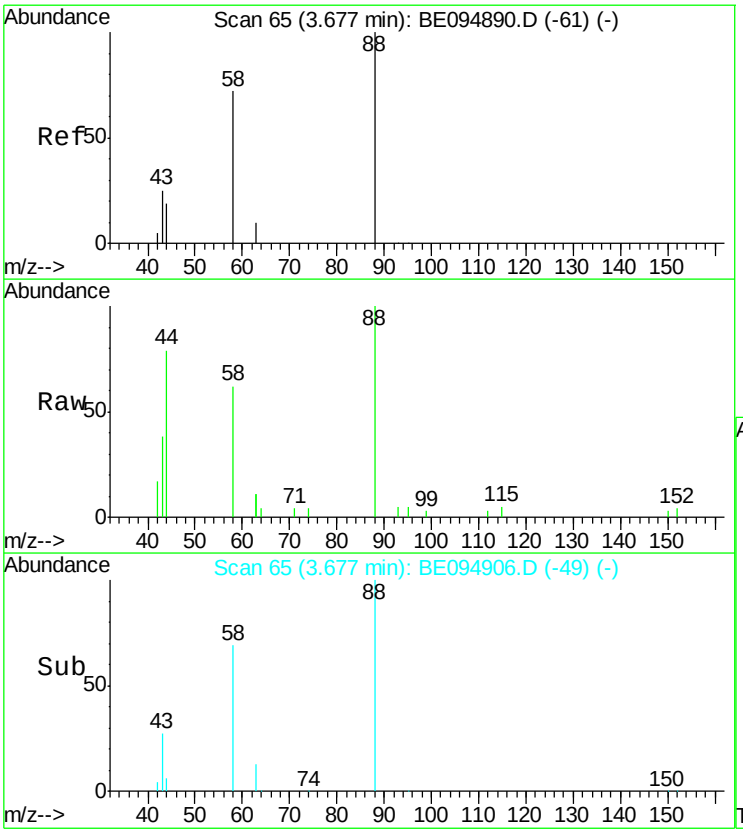
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.47 min Scan# 446
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6946

Ion	Ratio	Lower	Upper
152	100		
150	147.5	117.2	175.8
115	75.2	57.0	85.6

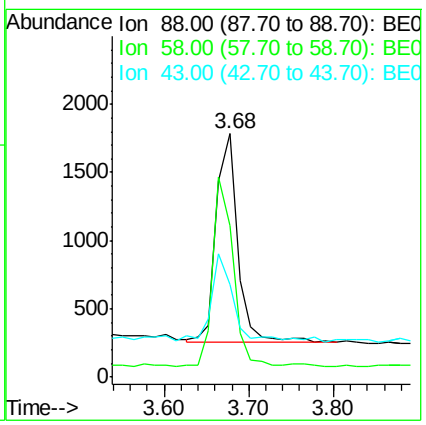


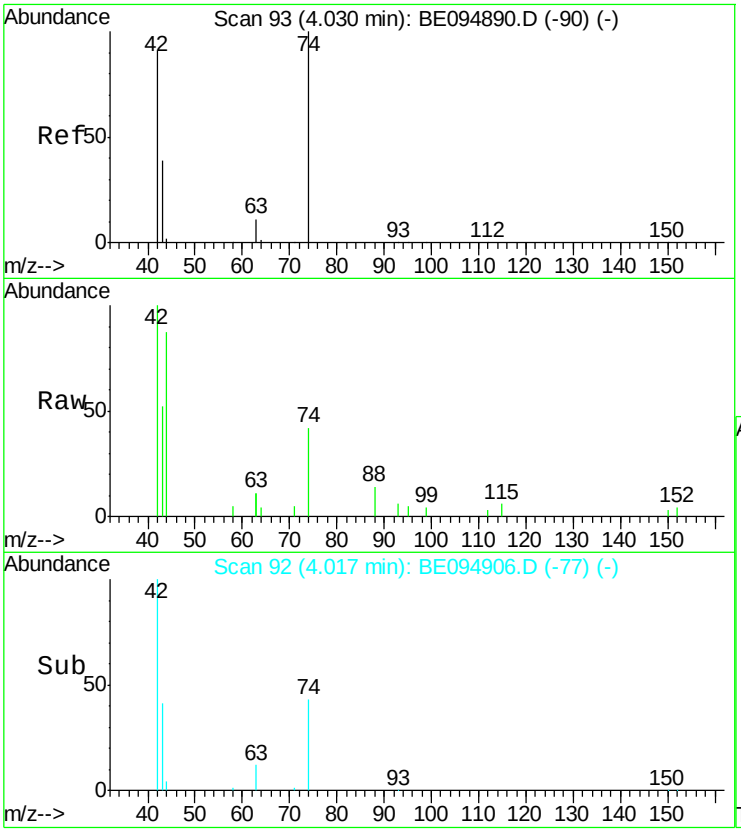


#2
1,4-Dioxane
Concen: 0.37 ng
RT: 3.68 min Scan# 65
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion: 88 Resp: 2708

Ion	Ratio	Lower	Upper
88	100		
58	84.8	63.2	94.8
43	40.2	41.2	61.8#



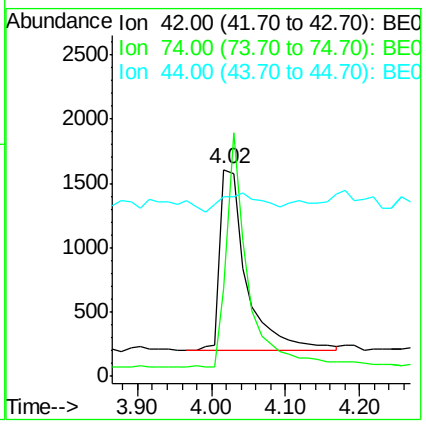


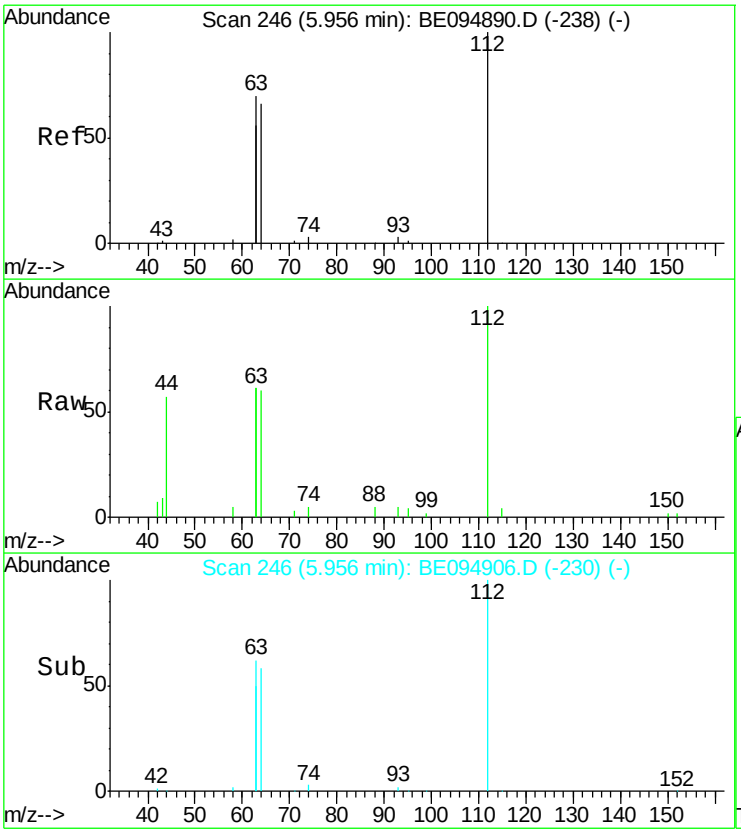
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 4.02 min Scan# 92
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3553

Ion	Ratio	Lower	Upper
42	100		
74	101.5	100.3	150.5
44	0.0	17.0	25.4#

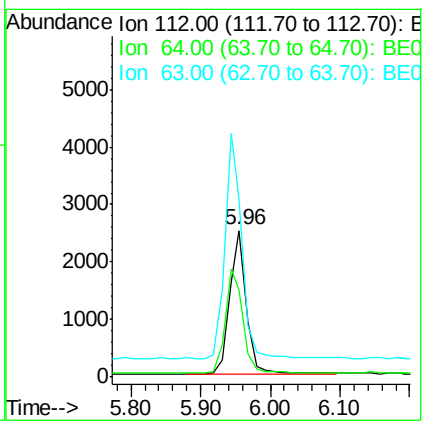


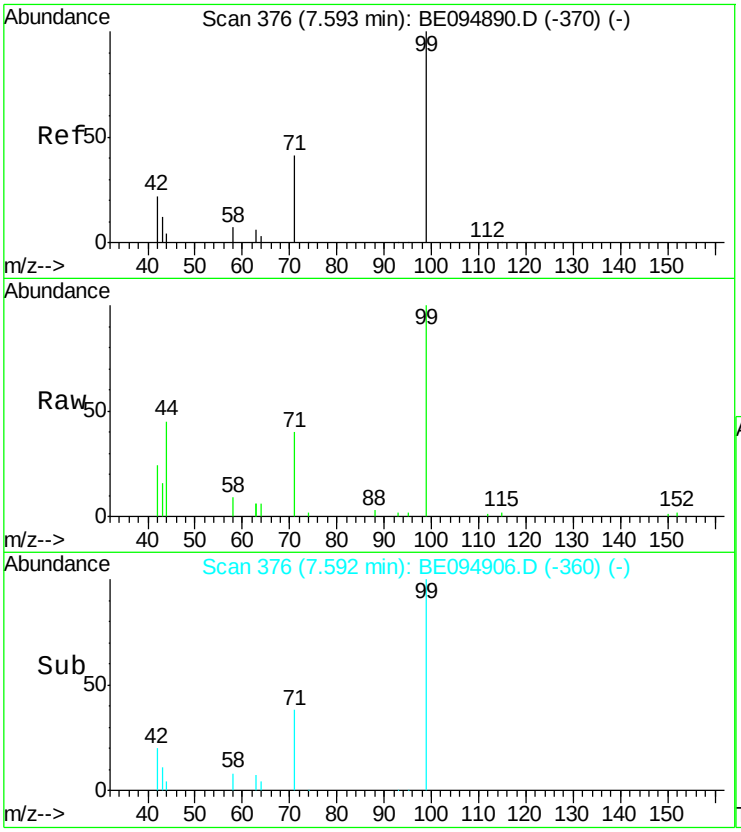


#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.96 min Scan# 246
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:112 Resp: 4221

Ion	Ratio	Lower	Upper
112	100		
64	75.7	60.1	90.1
63	159.9	116.8	175.2



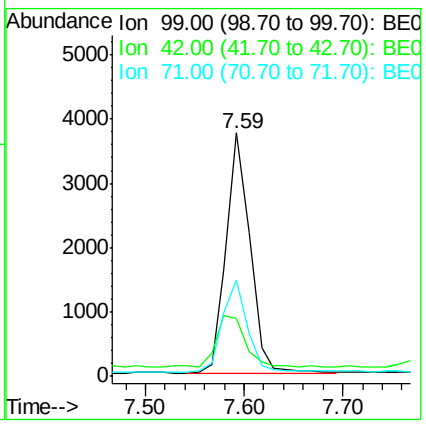


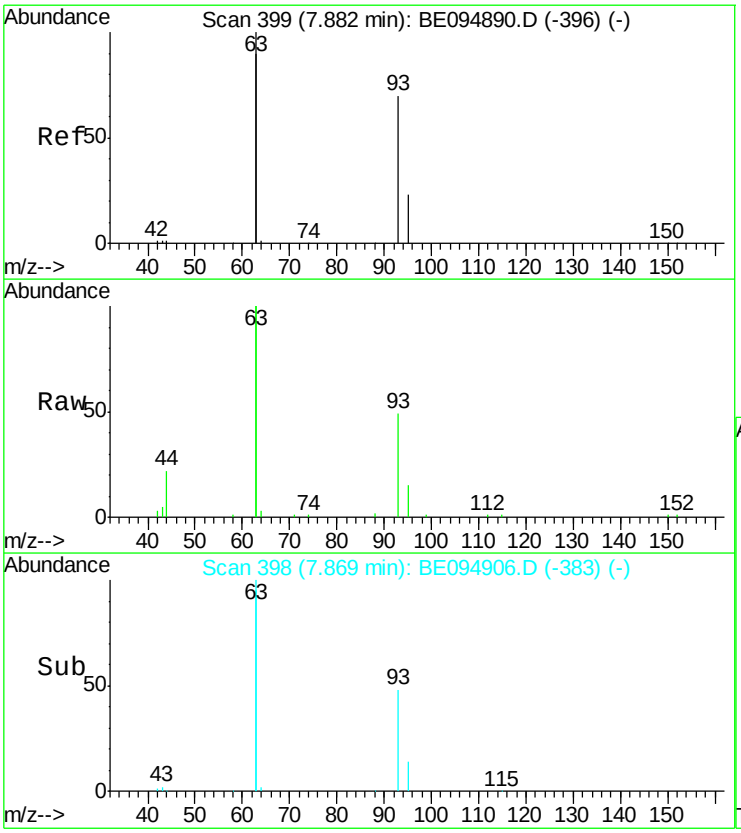
#5
Phenol-d6
Concen: 0.38 ng
RT: 7.59 min Scan# 376
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 6230

Ion	Ratio	Lower	Upper
99	100		
42	27.0	20.2	30.2
71	39.1	28.4	42.6

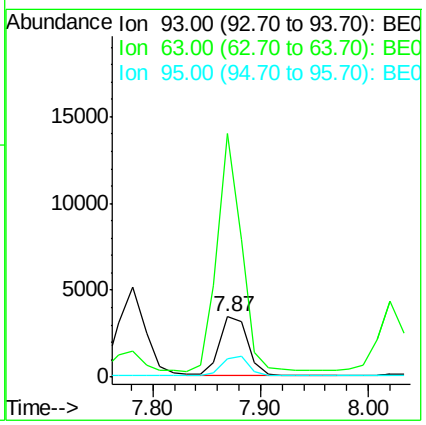


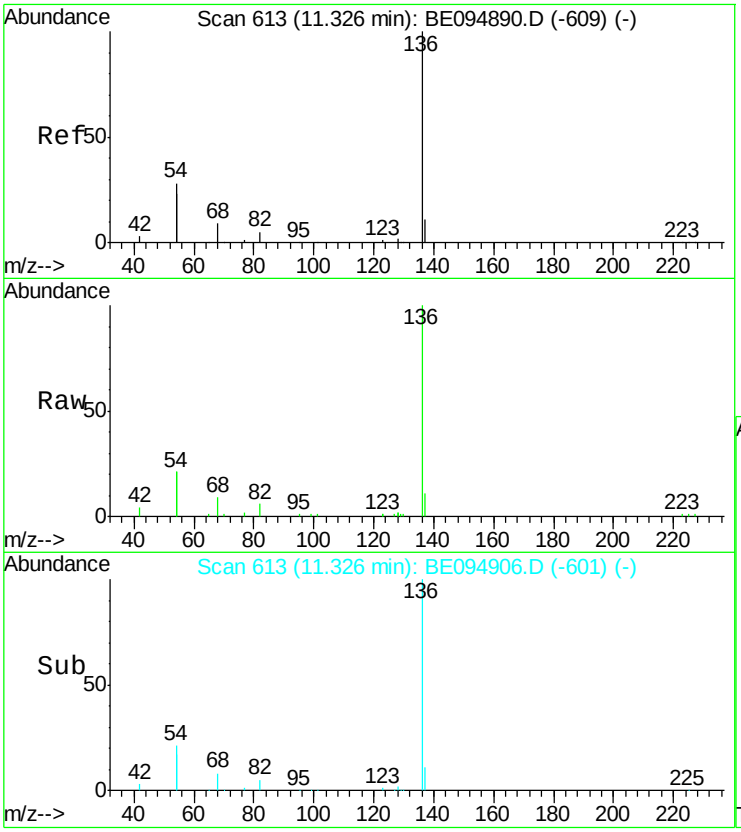


#6
bis(2-Chloroethyl)ether
Concen: 0.38 ng
RT: 7.87 min Scan# 398
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion: 93 Resp: 6128

Ion	Ratio	Lower	Upper
93	100		
63	346.6	275.3	412.9
95	32.3	25.2	37.8



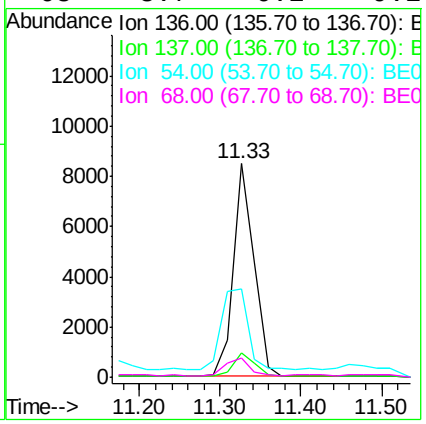


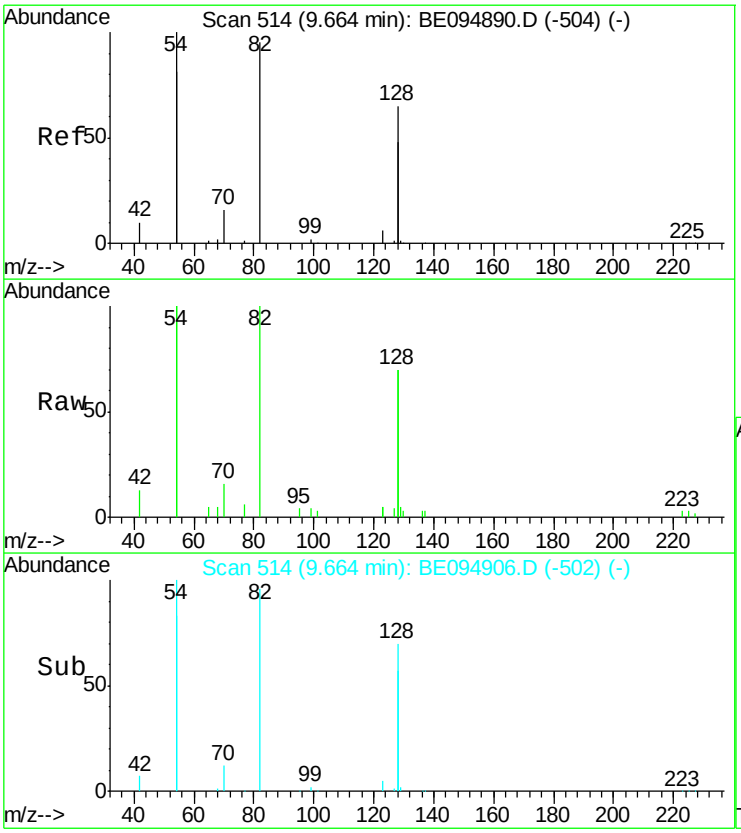
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.33 min Scan# 613
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 14982

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	41.6	29.1	43.7
68	8.7	6.2	9.2

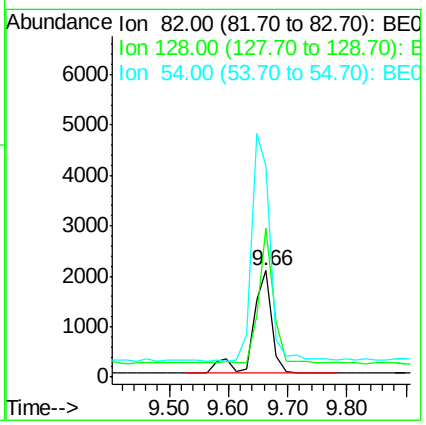


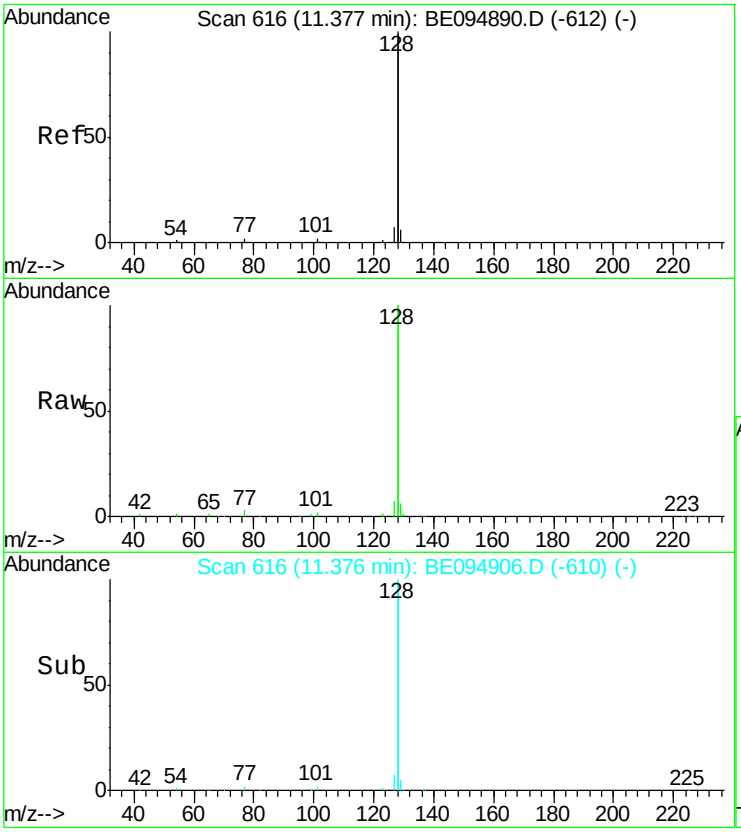


#8
Nitrobenzene-d5
Concen: 0.52 ng
RT: 9.66 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion: 82 Resp: 4605

Ion	Ratio	Lower	Upper
82	100		
128	140.3	150.0	225.0#
54	199.1	154.2	231.4



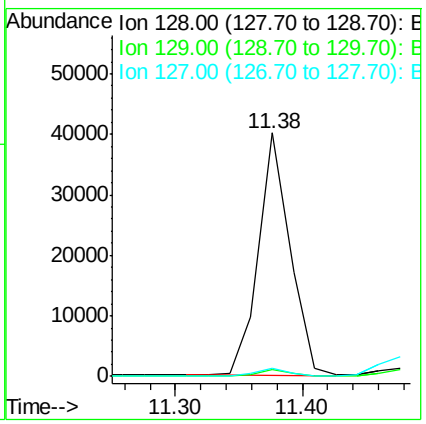


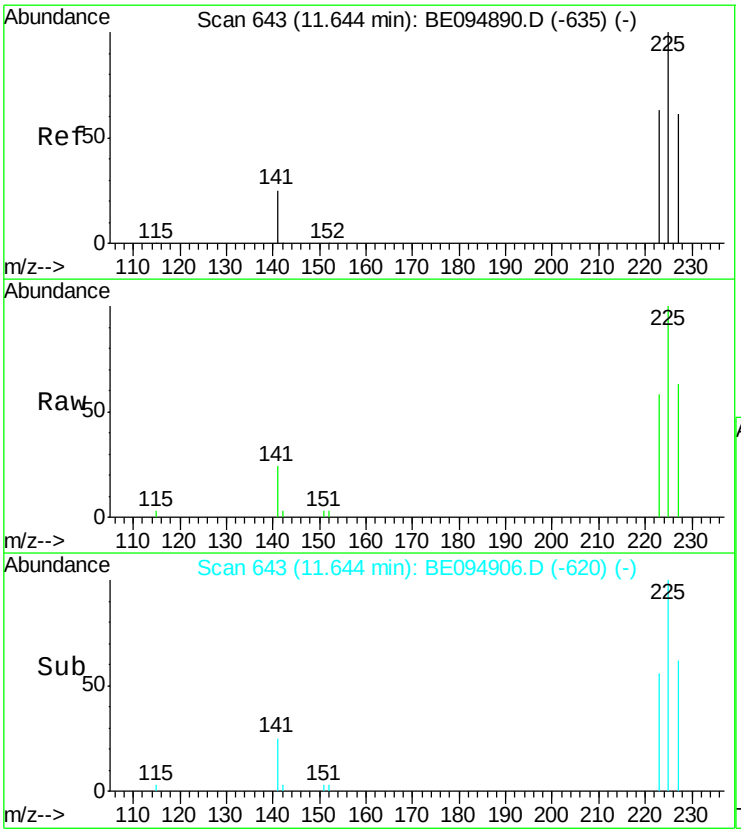
#9
Naphthalene
Concen: 0.39 ng
RT: 11.38 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 68610

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2

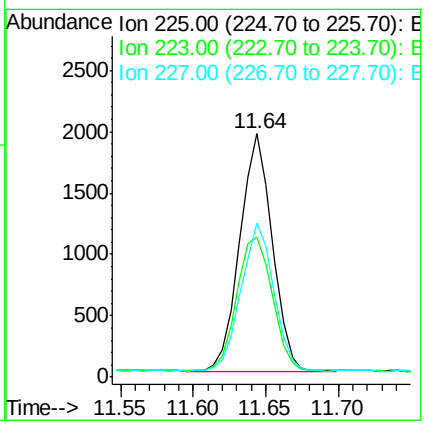


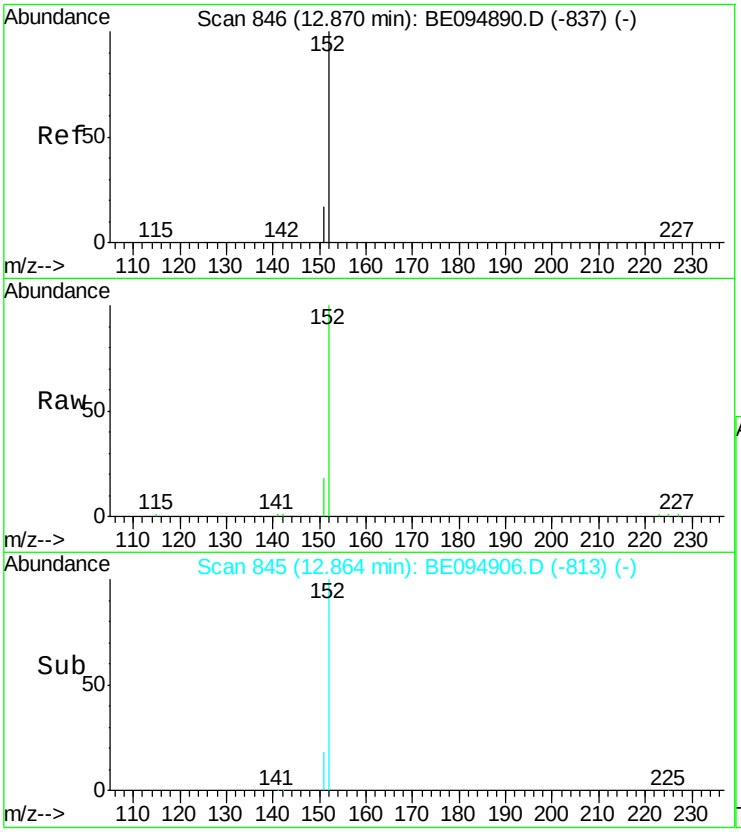


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.64 min Scan# 643
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:225 Resp: 2987

Ion	Ratio	Lower	Upper
225	100		
223	61.9	53.0	79.6
227	63.2	51.4	77.2



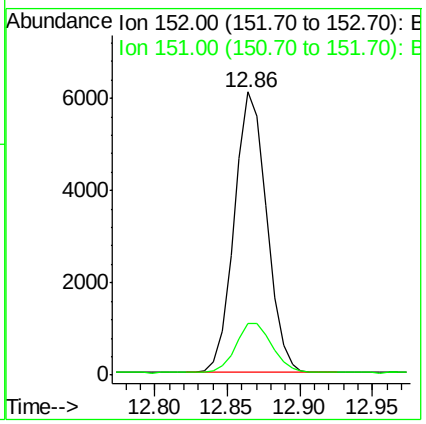


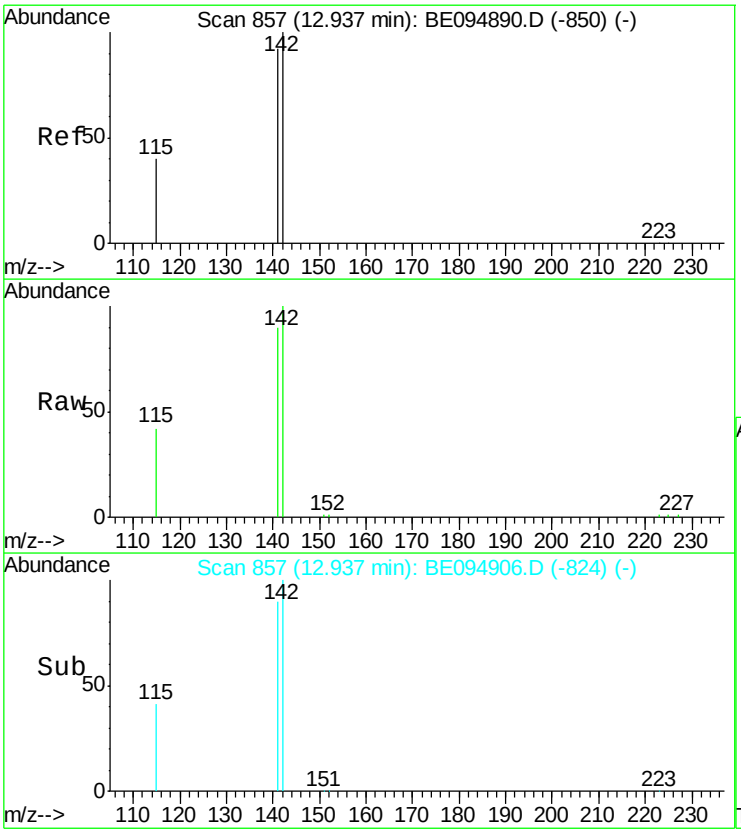
#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.86 min Scan# 845
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 9453

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.4	23.0

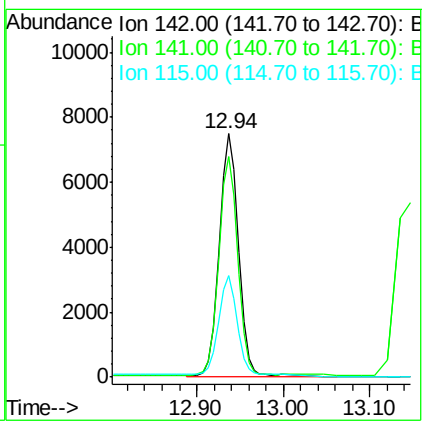


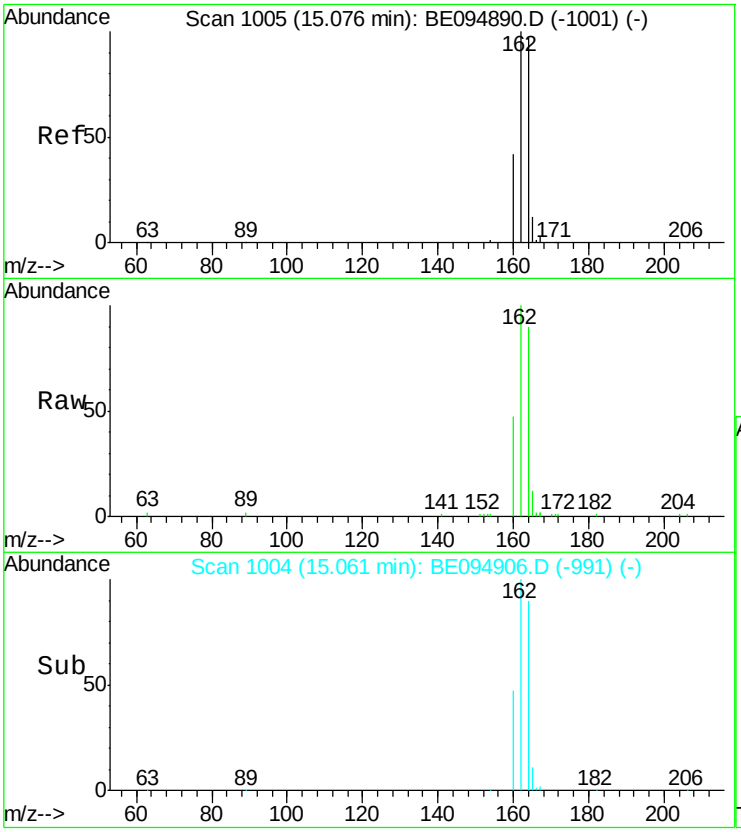


#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.94 min Scan# 857
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:142 Resp: 16943

Ion	Ratio	Lower	Upper
142	100		
141	90.5	70.4	105.6
115	41.5	31.7	47.5



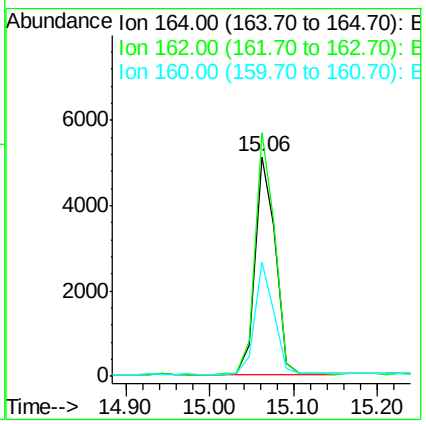


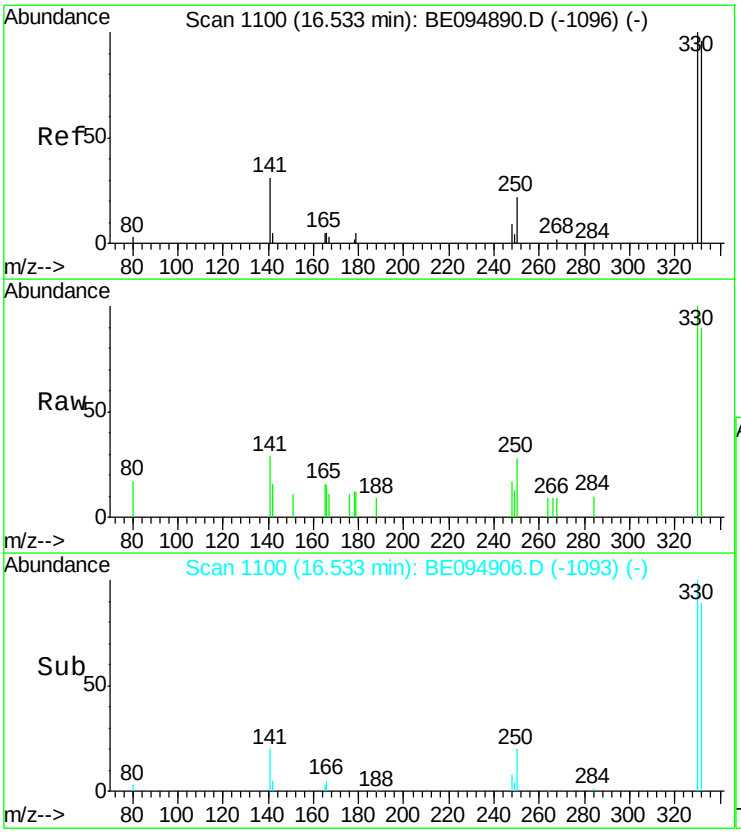
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 8501

Ion	Ratio	Lower	Upper
164	100		
162	110.8	83.1	124.7
160	52.2	37.1	55.7

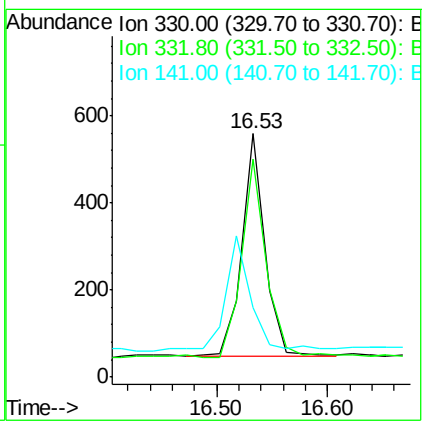


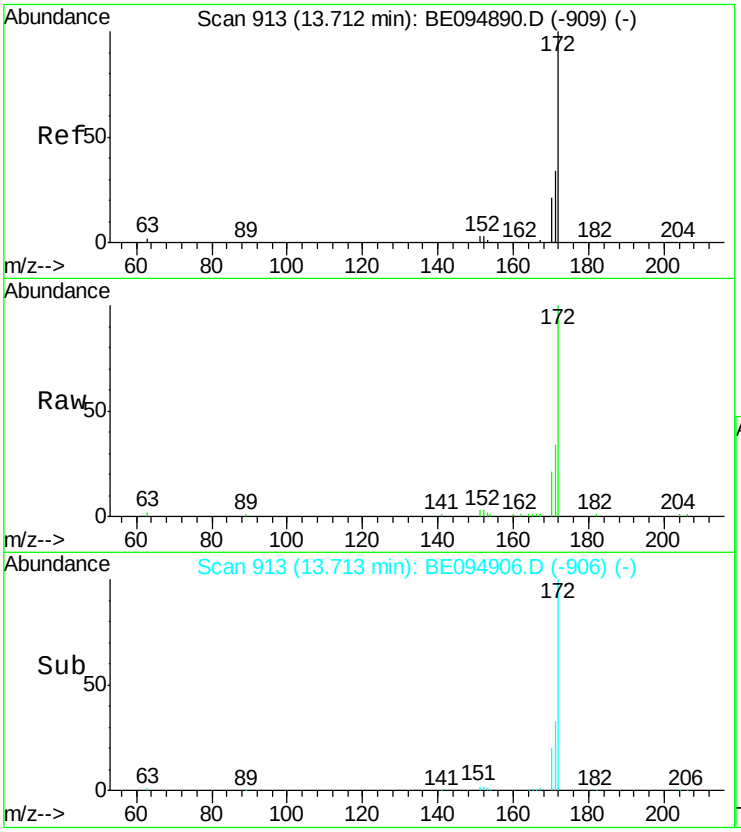


#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 16.53 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:330 Resp: 724

Ion	Ratio	Lower	Upper
330	100		
332	98.5	152.7	229.1#
141	58.4	33.7	50.5#



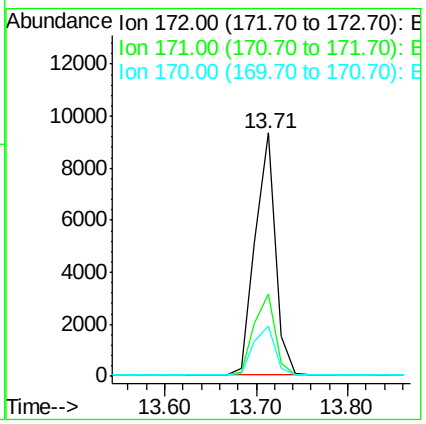


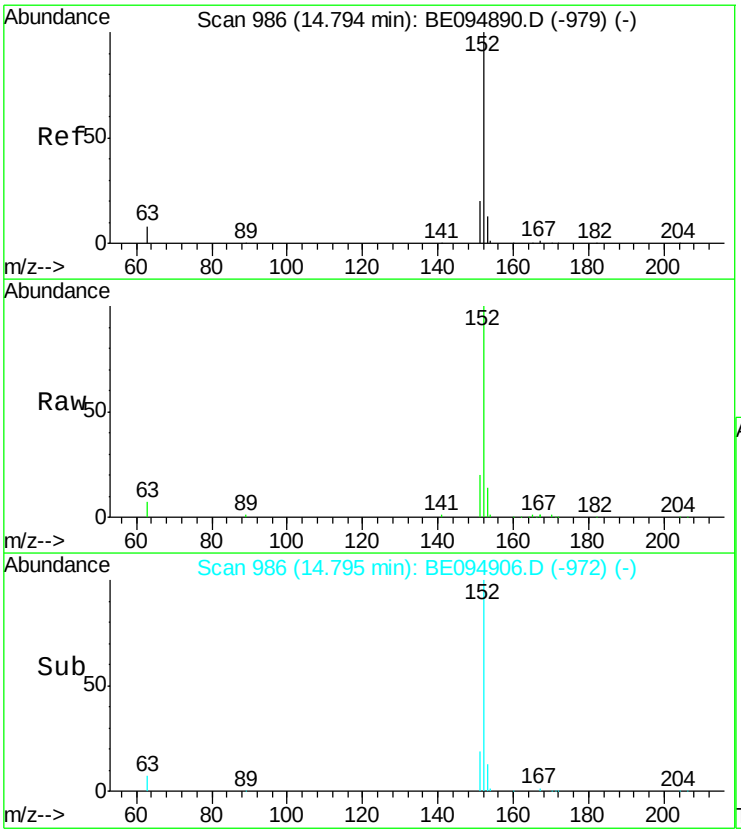
#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 13.71 min Scan# 913
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14475

Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	20.8	21.8	32.8#

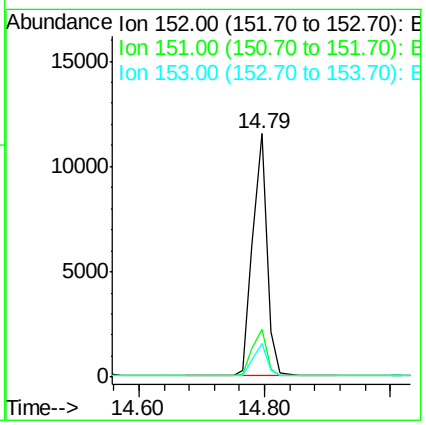


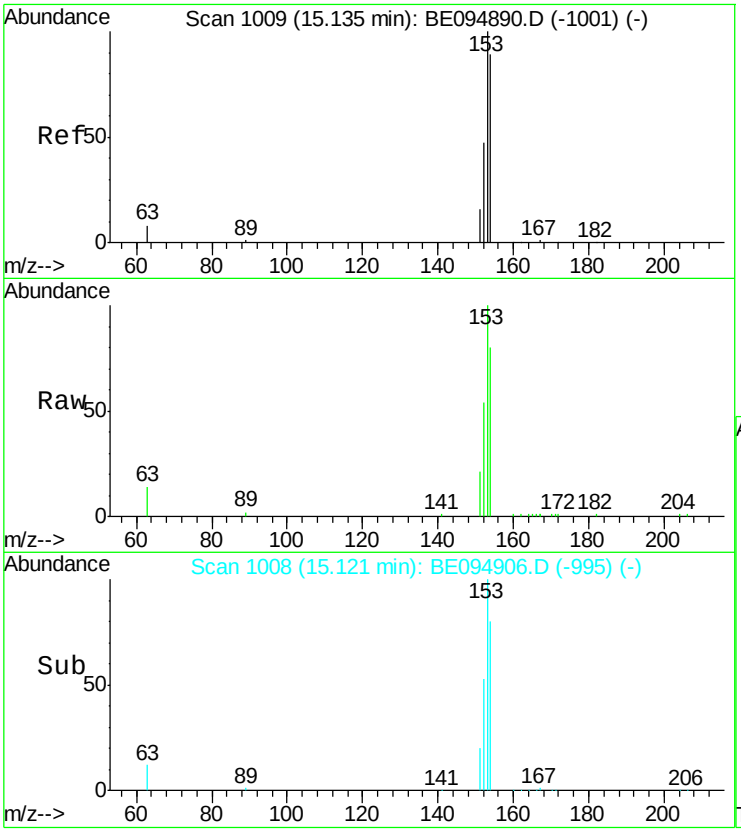


#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.79 min Scan# 986
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:152 Resp: 18127

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7



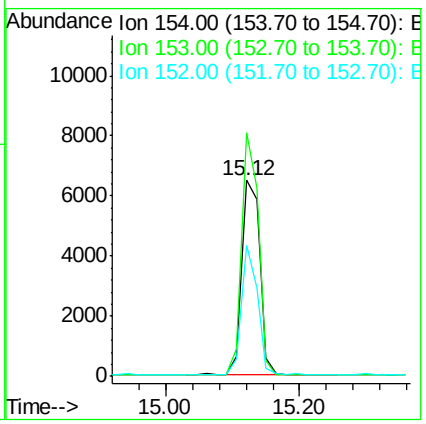


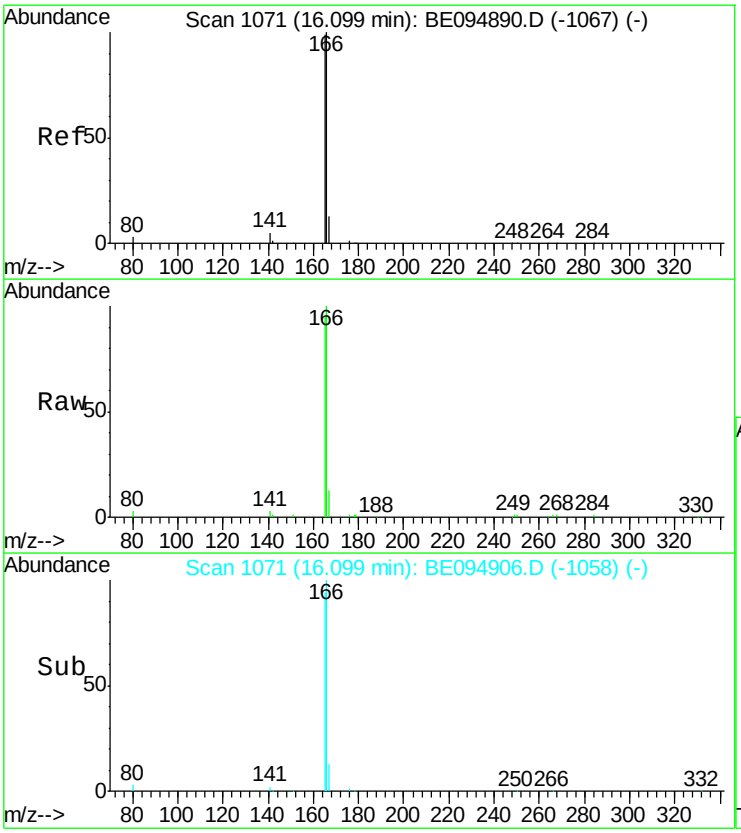
#17
Acenaphthene
Concen: 0.39 ng
RT: 15.12 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 12109

Ion	Ratio	Lower	Upper
154	100		
153	114.8	89.2	133.8
152	58.2	42.0	63.0

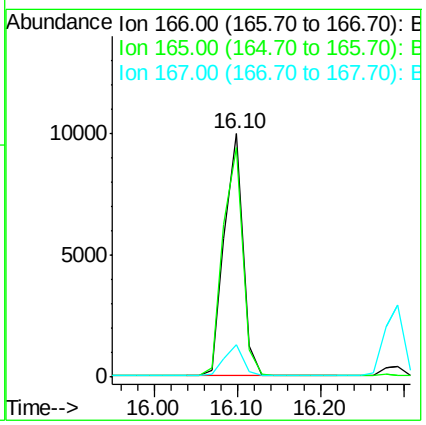


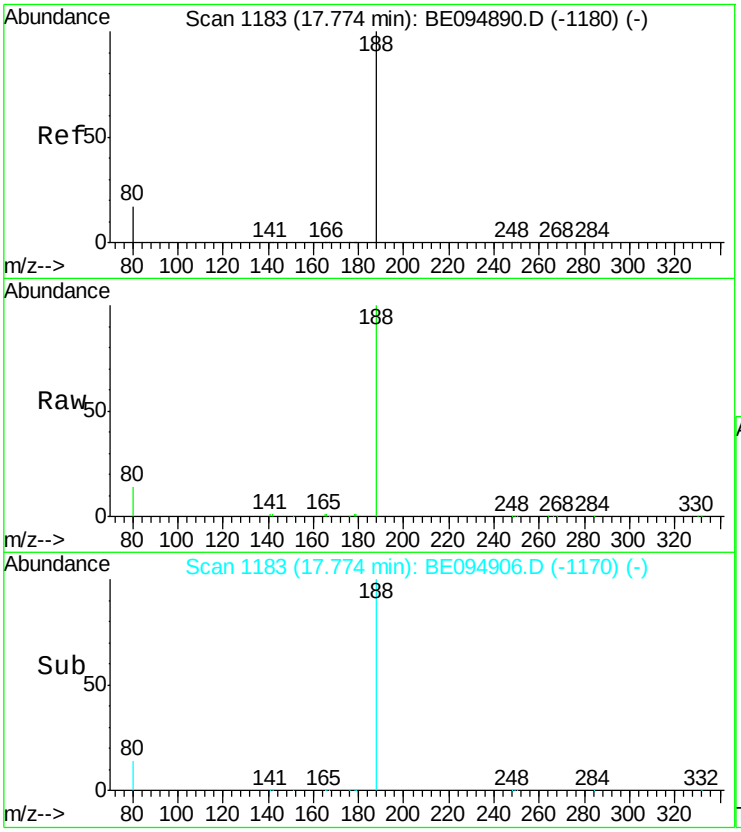


#18
Fluorene
Concen: 0.39 ng
RT: 16.10 min Scan# 1071
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:166 Resp: 15347

Ion	Ratio	Lower	Upper
166	100		
165	99.8	77.8	116.6
167	13.0	42.4	63.6#



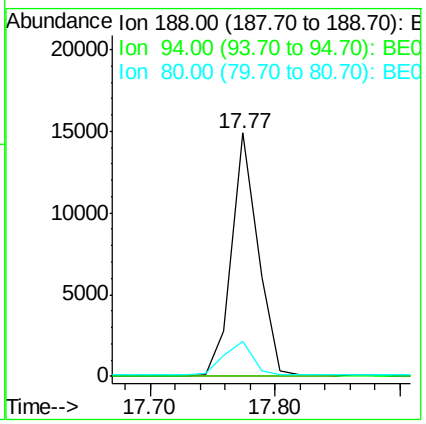


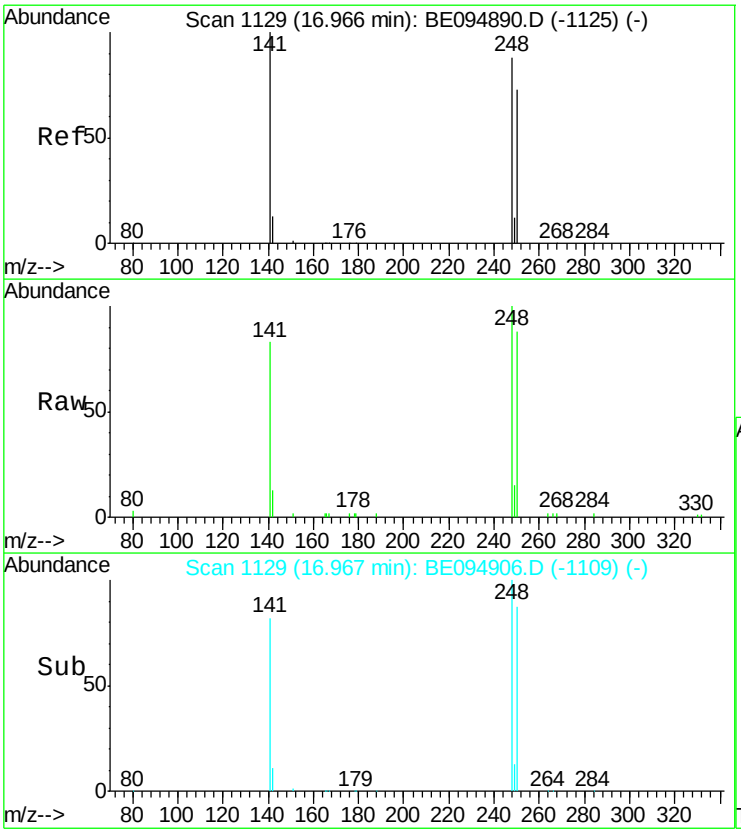
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.77 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 21459

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	14.1	3.6	5.4#

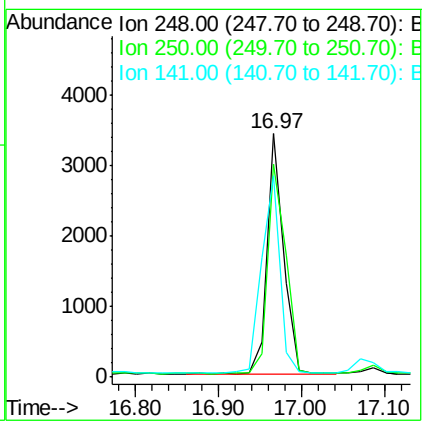


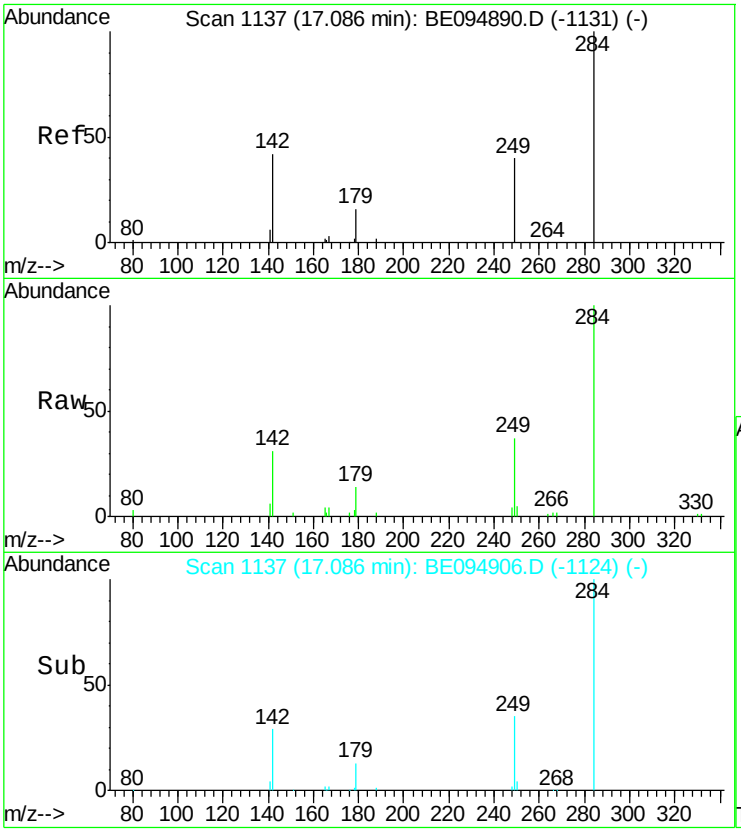


#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.97 min Scan# 1129
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:248 Resp: 4670

Ion	Ratio	Lower	Upper
248	100		
250	87.6	62.7	94.1
141	82.6	48.2	72.2#



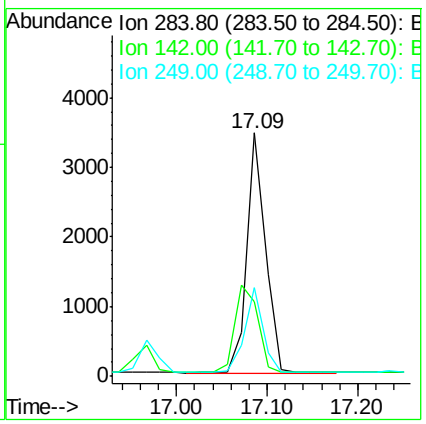


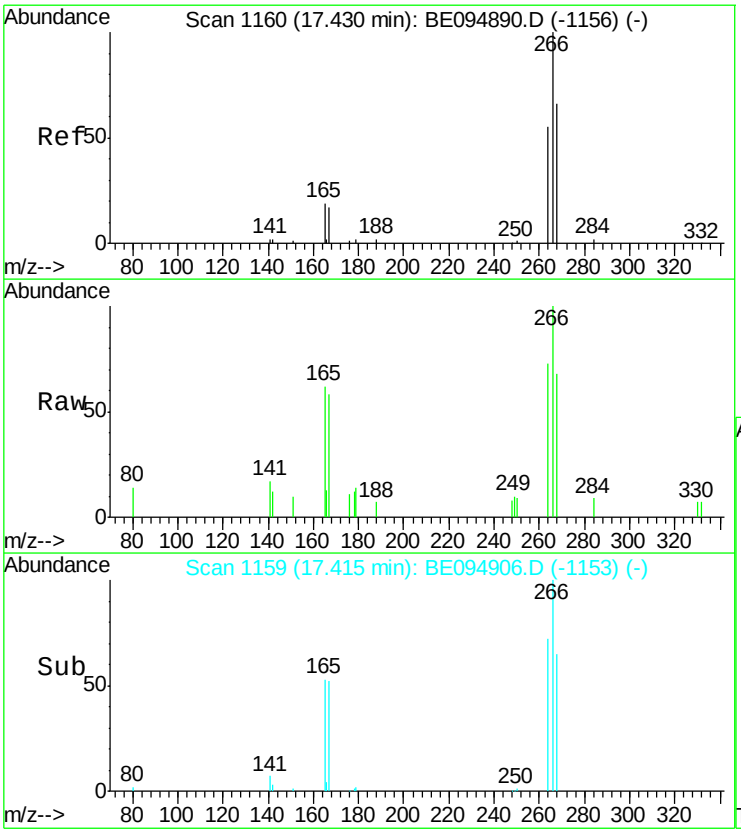
#21
Hexachlorobenzene
Concen: 0.42 ng
RT: 17.09 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 4958

Ion	Ratio	Lower	Upper
284	100		
142	44.4	22.1	33.1#
249	35.3	34.8	52.2

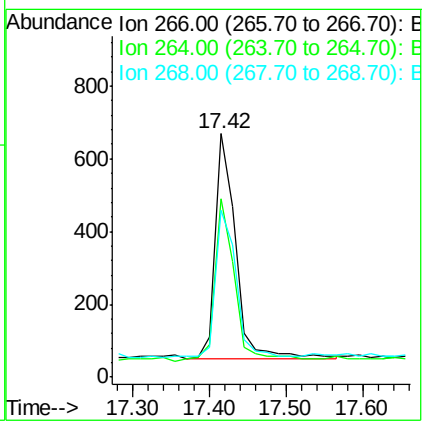


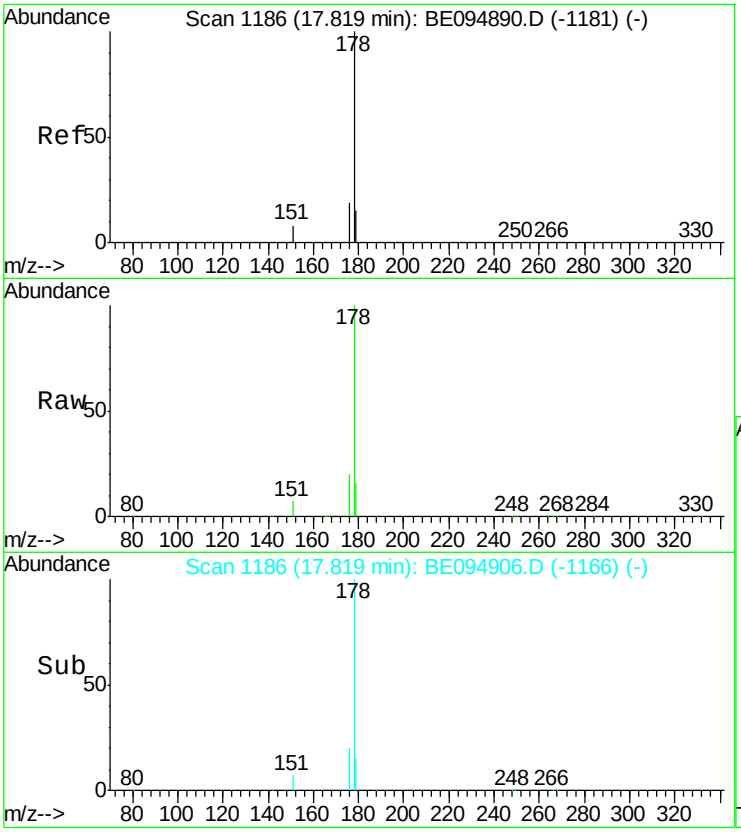


#22
Pentachlorophenol
Concen: 0.42 ng
RT: 17.42 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:266 Resp: 1127

Ion	Ratio	Lower	Upper
266	100		
264	73.1	72.5	108.7
268	68.3	73.8	110.6#



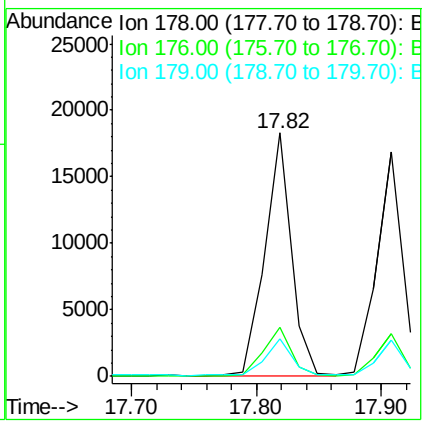


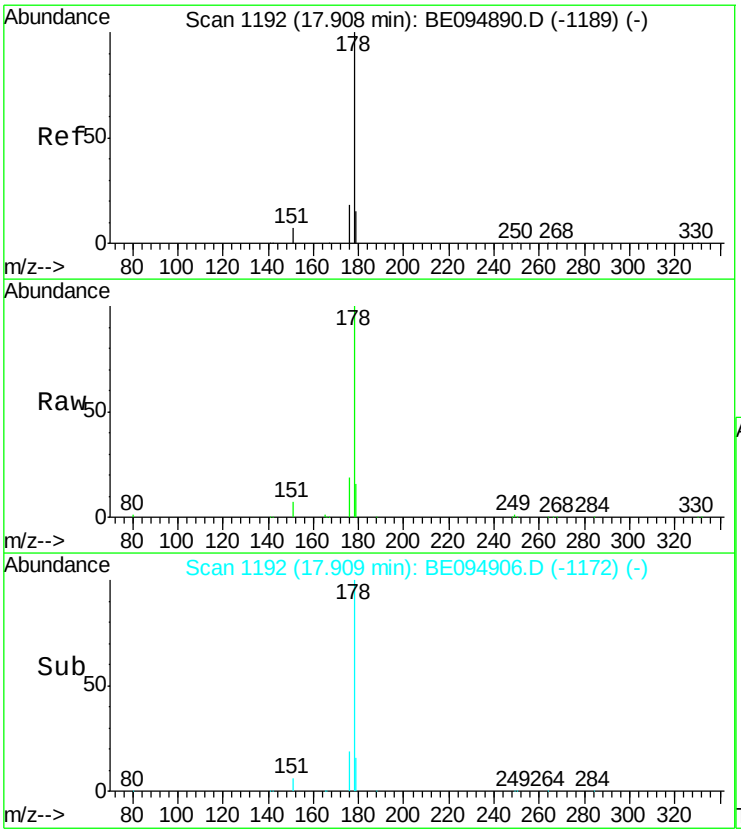
#23
Phenanthrene
Concen: 0.39 ng
RT: 17.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 26891

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.1	22.7
179	15.6	11.8	17.6

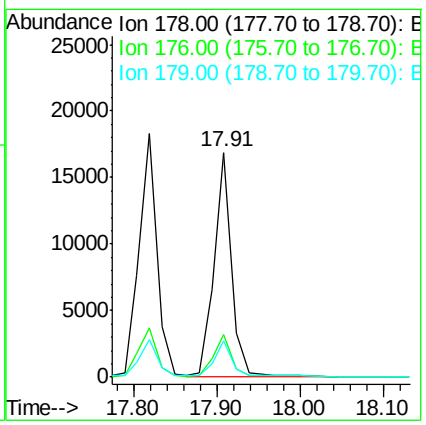


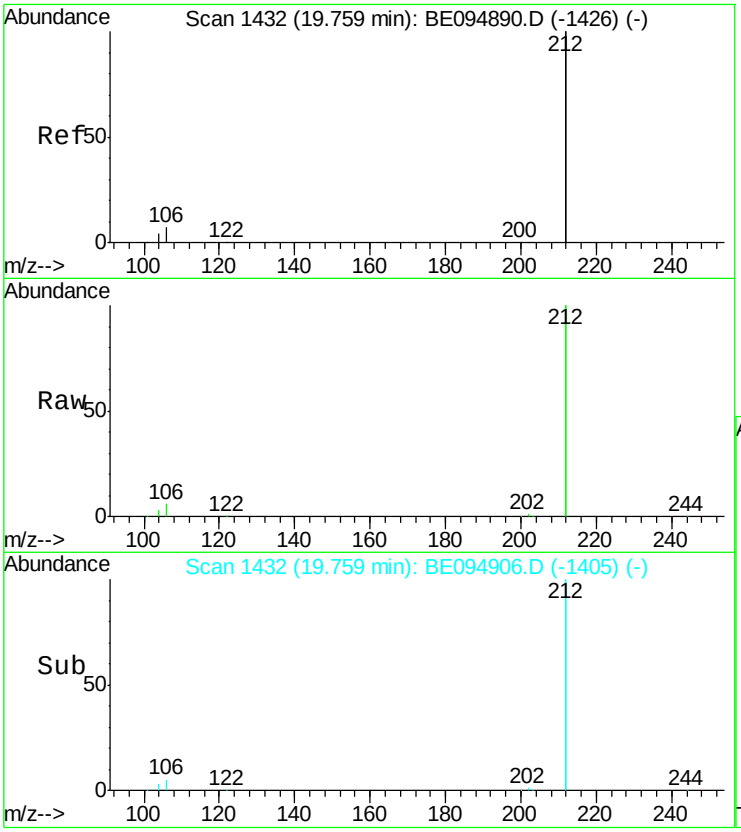


#24
Anthracene
Concen: 0.38 ng
RT: 17.91 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:178 Resp: 27352

Ion	Ratio	Lower	Upper
178	100		
176	20.9	12.8	19.2#
179	18.0	13.0	19.6



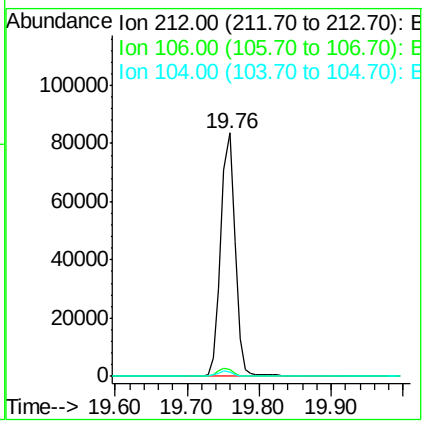


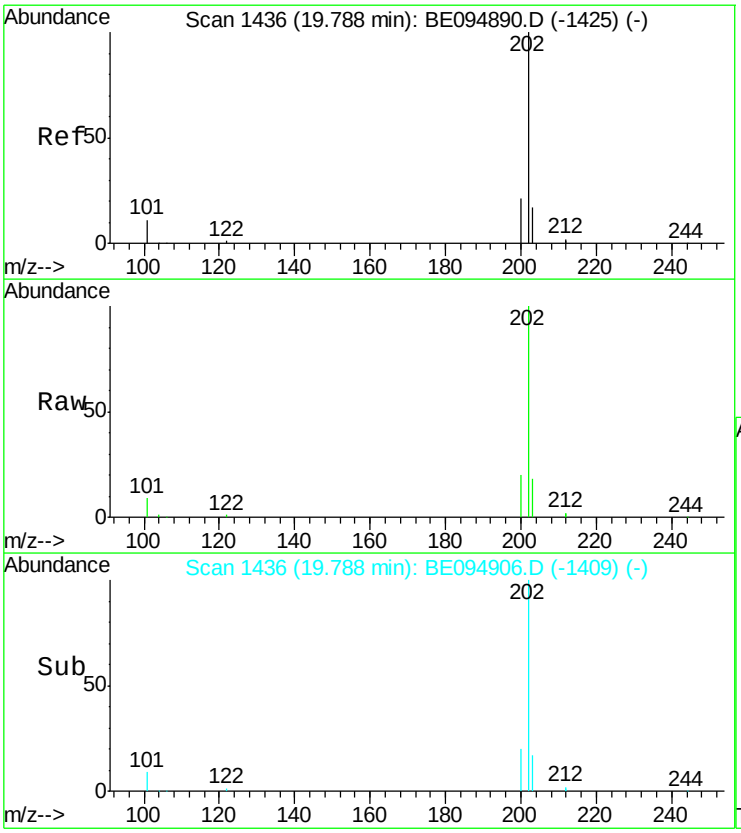
#25
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.76 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 113323

Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.0	1.6	2.4

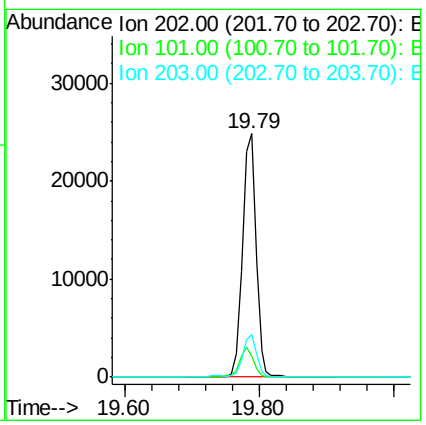


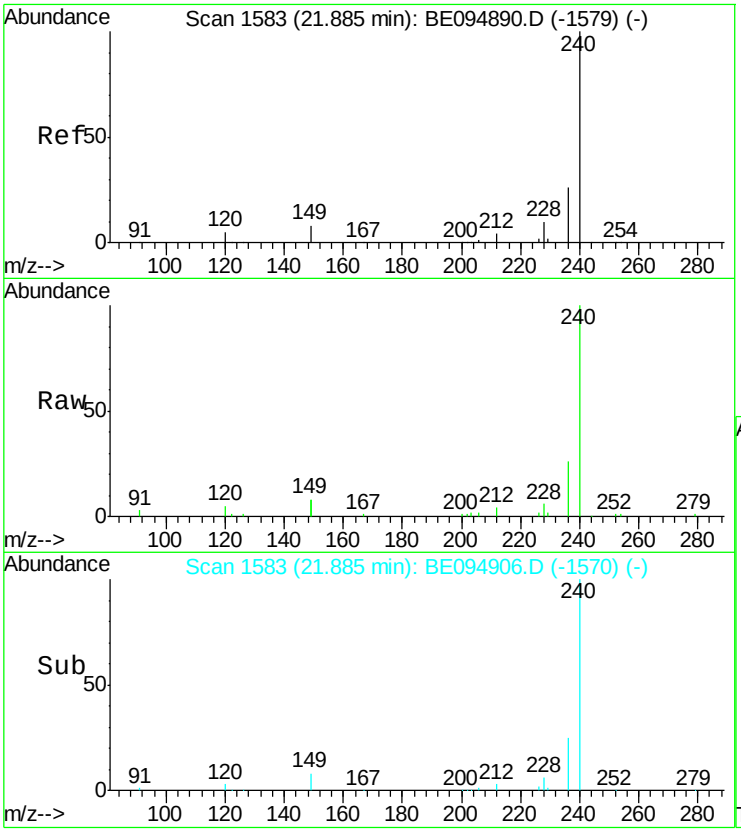


#26
Fluoranthene
Concen: 0.39 ng
RT: 19.79 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:202 Resp: 33987

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.8
203	16.8	13.7	20.5



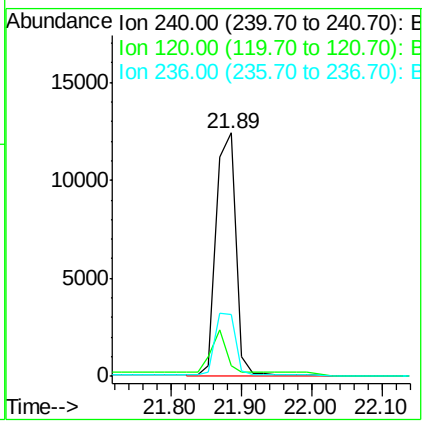


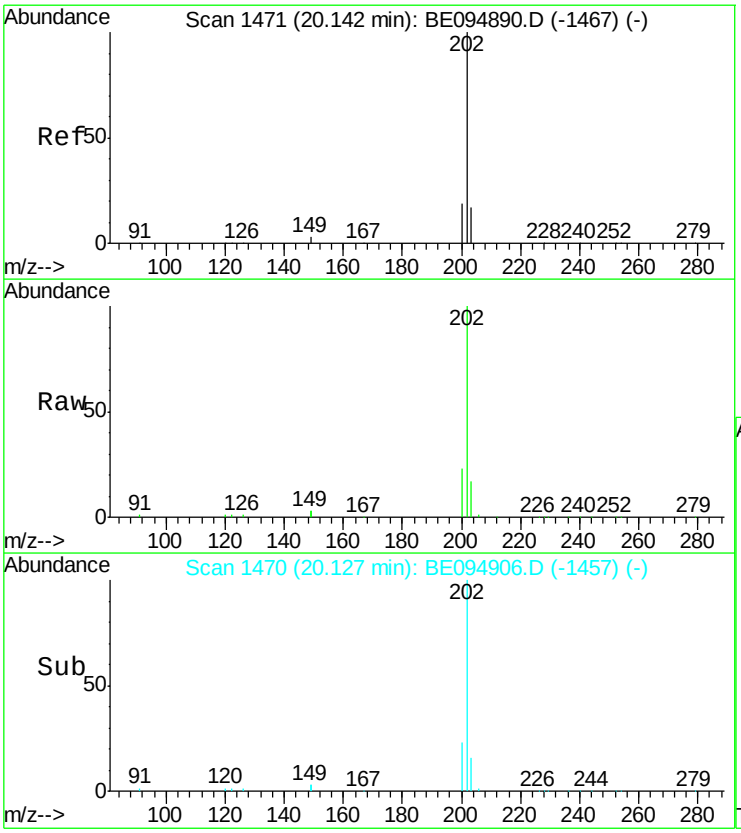
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.89 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 25342

Ion	Ratio	Lower	Upper
240	100		
120	4.6	5.5	8.3#
236	25.6	20.7	31.1

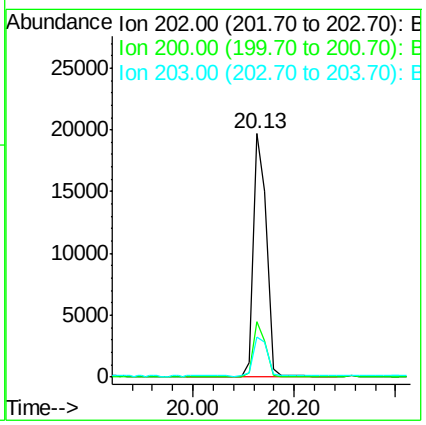


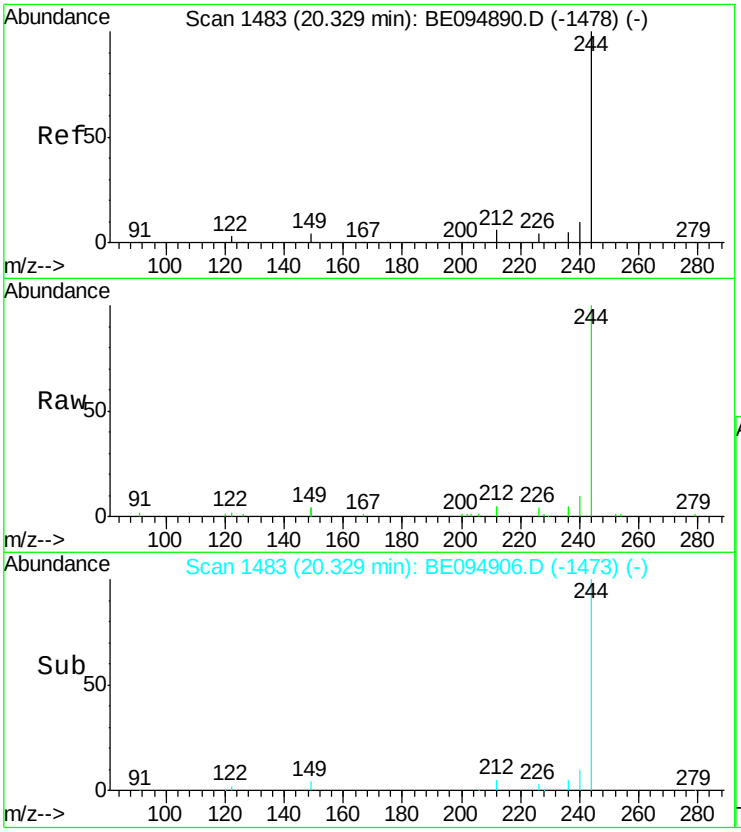


#28
Pyrene
Concen: 0.44 ng
RT: 20.13 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:202 Resp: 38104

Ion	Ratio	Lower	Upper
202	100		
200	19.3	16.6	25.0
203	18.4	13.8	20.8



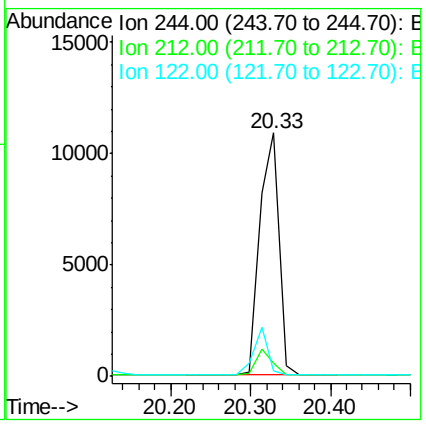


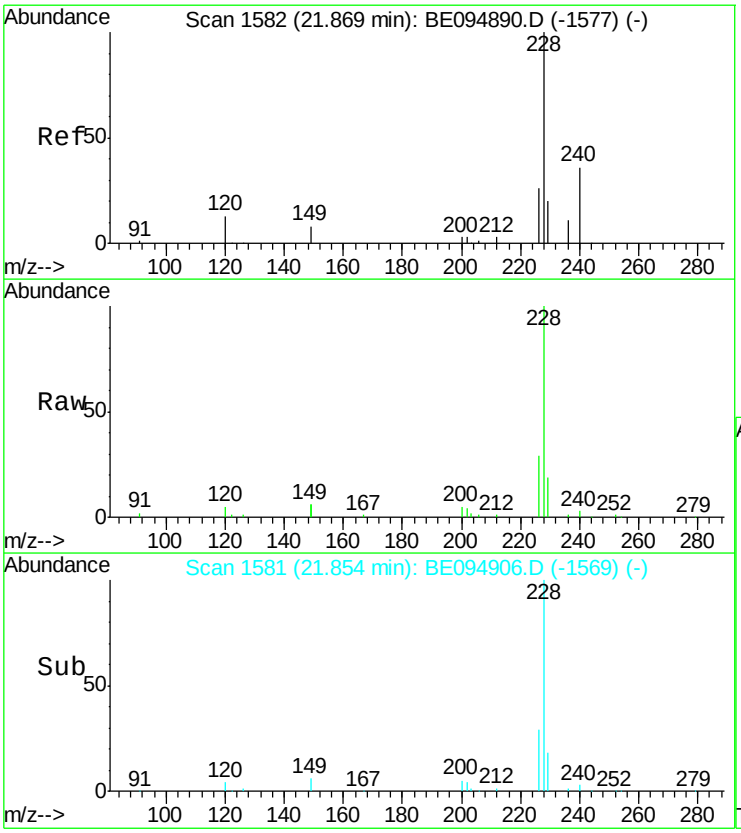
#29
Terphenyl-d14
Concen: 0.39 ng
RT: 20.33 min Scan# 1483
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 18457

Ion	Ratio	Lower	Upper
244	100		
212	5.3	25.4	38.0#
122	2.3	8.1	12.1#

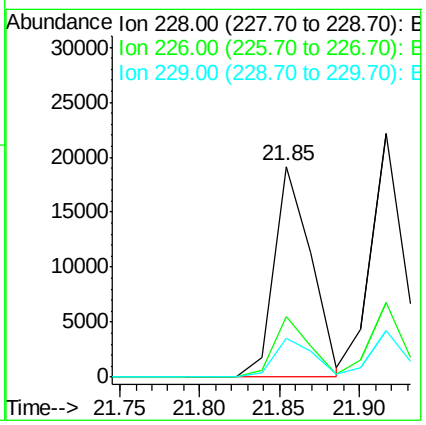


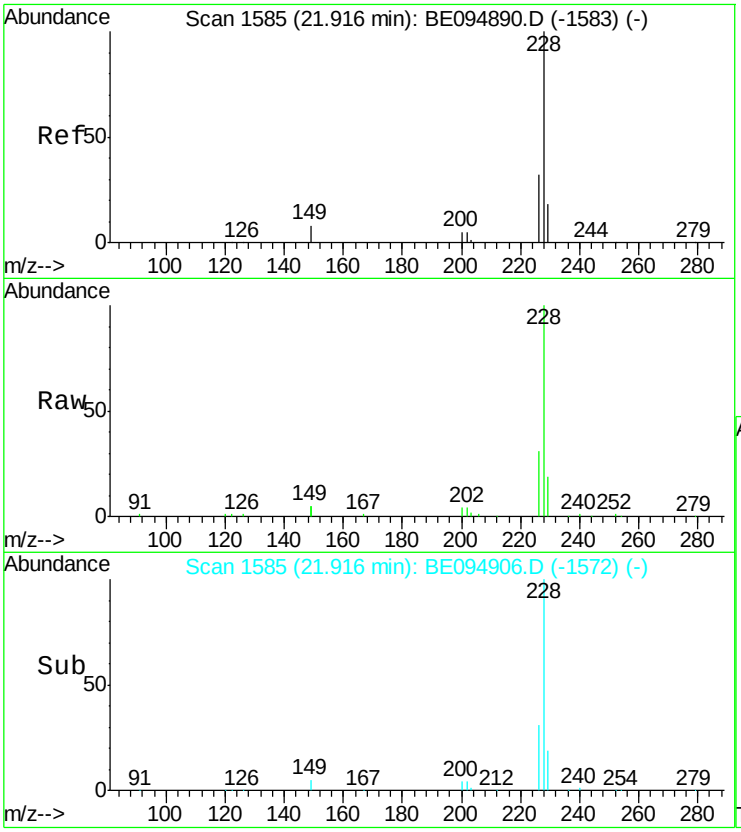


#30
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.85 min Scan# 1581
Delta R.T. -0.02 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:228 Resp: 30677

Ion	Ratio	Lower	Upper
228	100		
226	29.1	40.0	60.0#
229	18.6	40.0	60.0#



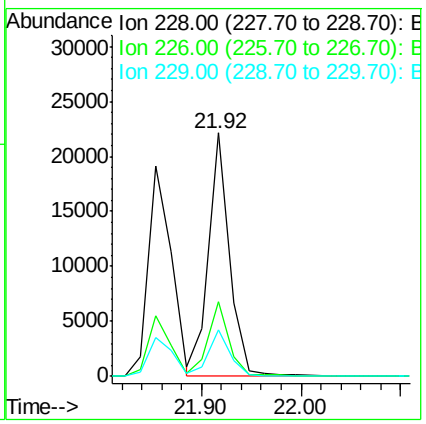


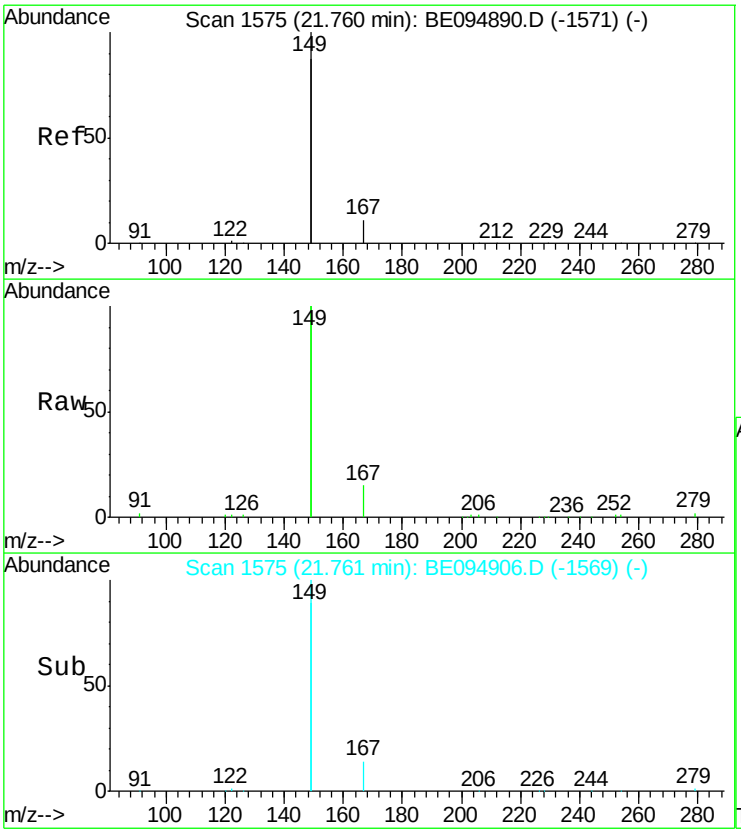
#31
Chrysene
Concen: 0.40 ng
RT: 21.92 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 34119

Ion	Ratio	Lower	Upper
228	100		
226	30.8	40.0	60.0#
229	19.1	40.0	60.0#

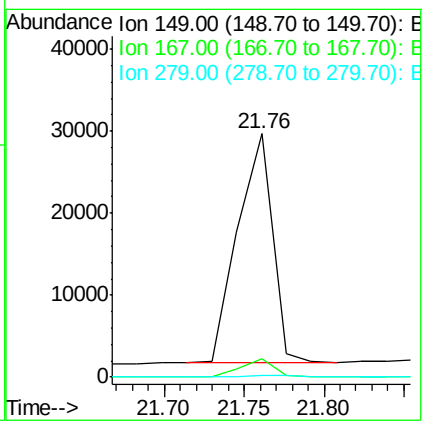


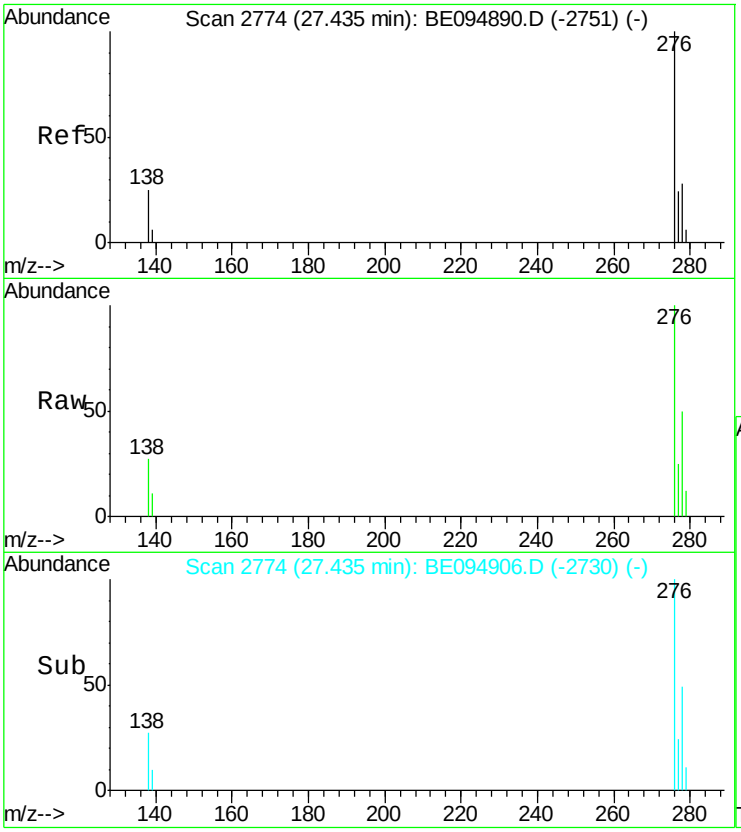


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.33 ng
RT: 21.76 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:149 Resp: 42605

Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	0.7	0.7	1.1



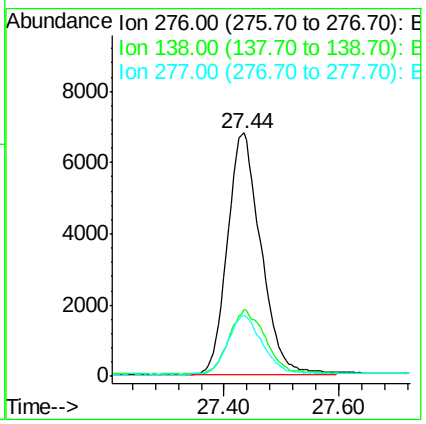


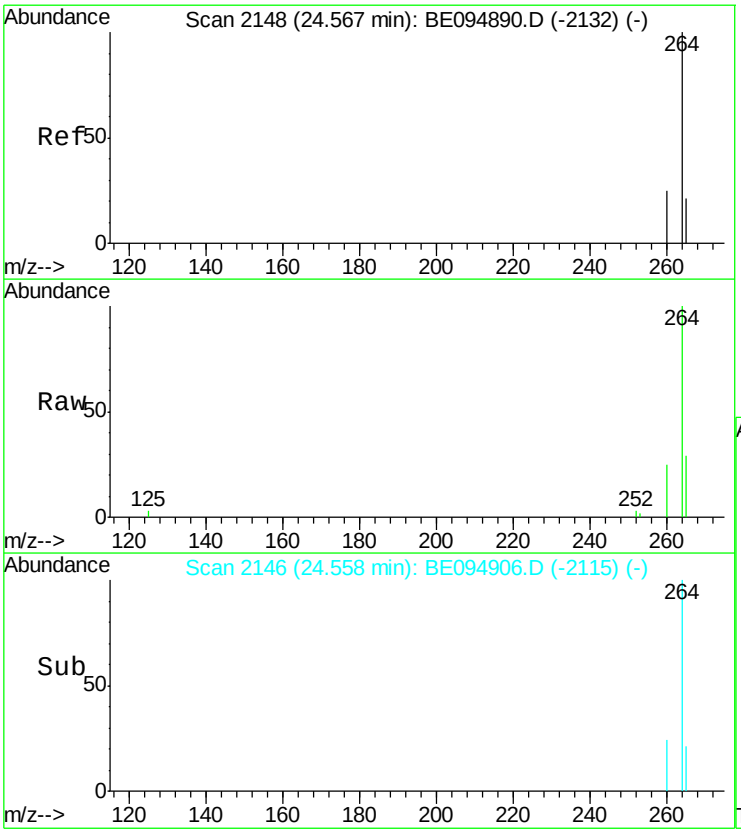
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 27.44 min Scan# 2774
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 27499

Ion	Ratio	Lower	Upper
276	100		
138	29.0	22.5	33.7
277	24.9	19.9	29.9

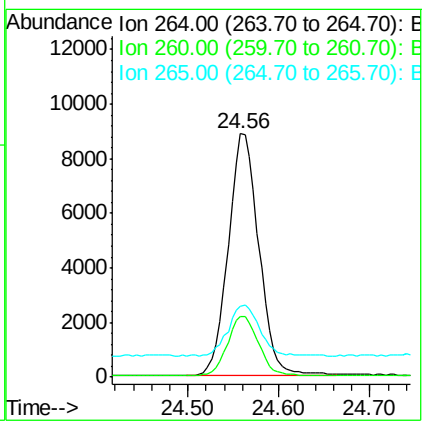


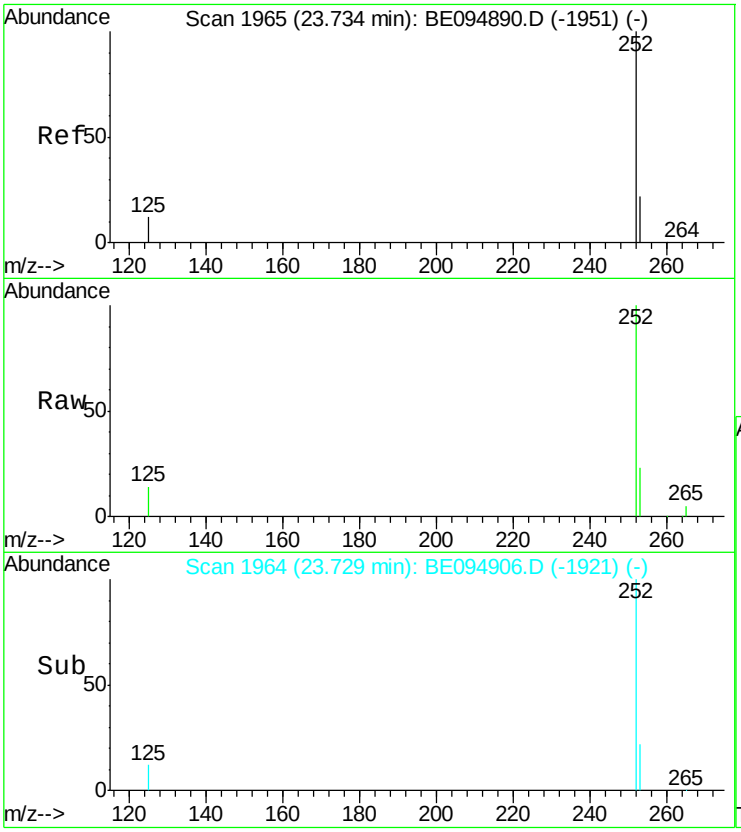


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.56 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:264 Resp: 20664

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.5	30.7
265	29.3	22.8	34.2



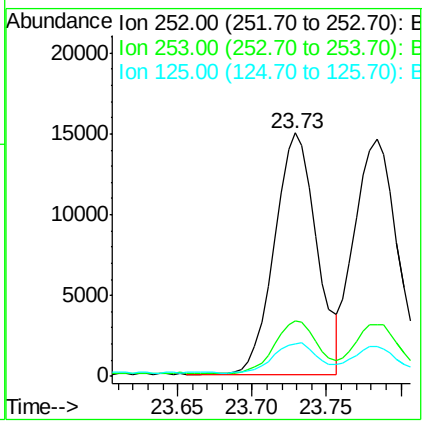


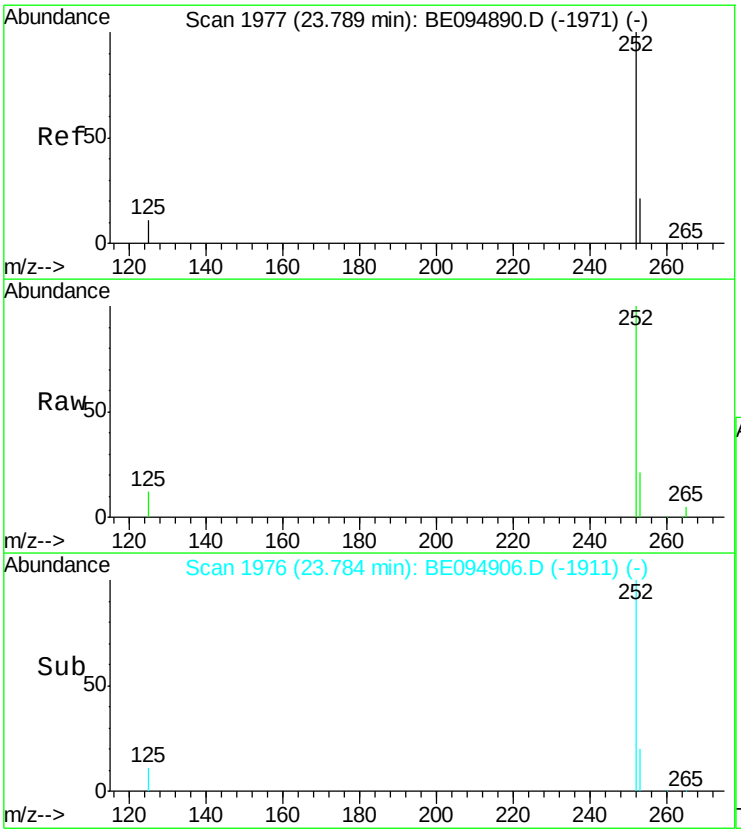
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.73 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 29437

Ion	Ratio	Lower	Upper
252	100		
253	23.0	48.0	72.0#
125	13.5	56.0	84.0#

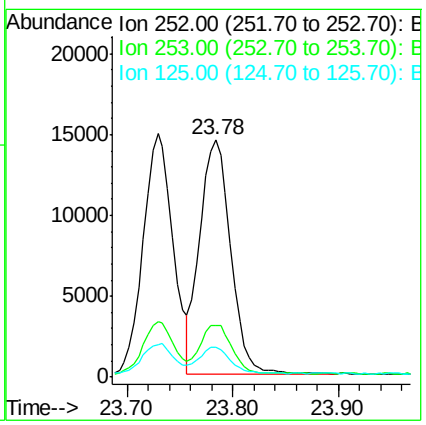


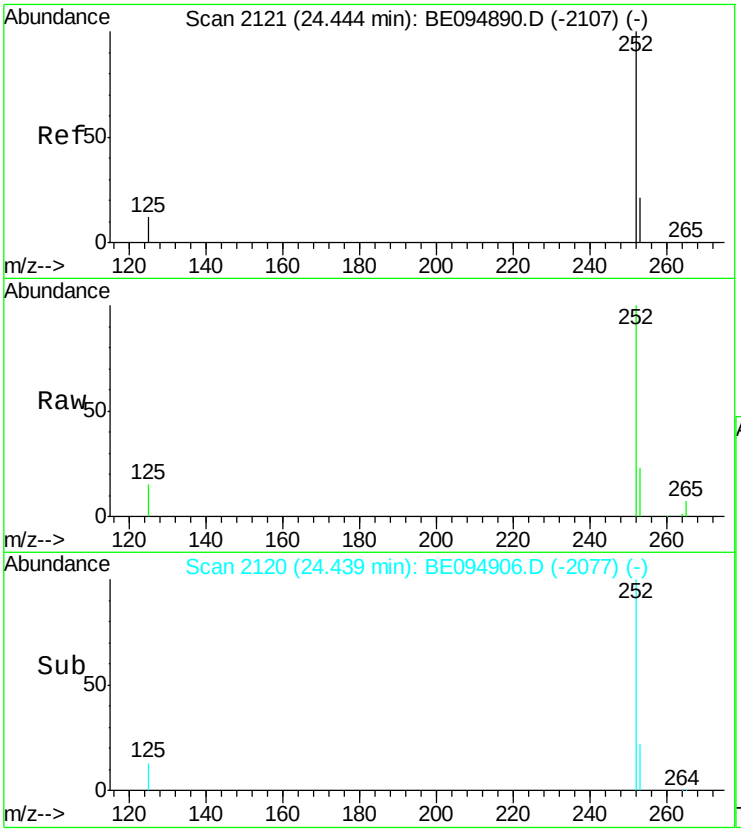


#36
Benzo(k)fluoranthene
Concen: 0.38 ng
RT: 23.78 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:252 Resp: 29565

Ion	Ratio	Lower	Upper
252	100		
253	21.5	48.0	72.0#
125	12.3	56.0	84.0#



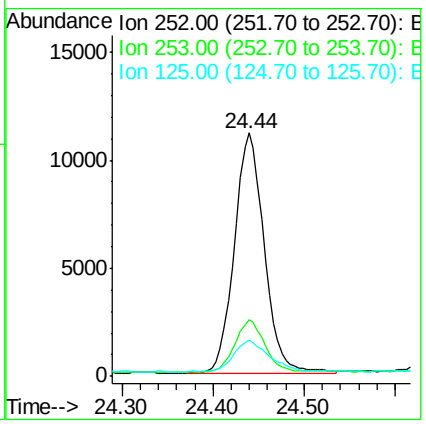


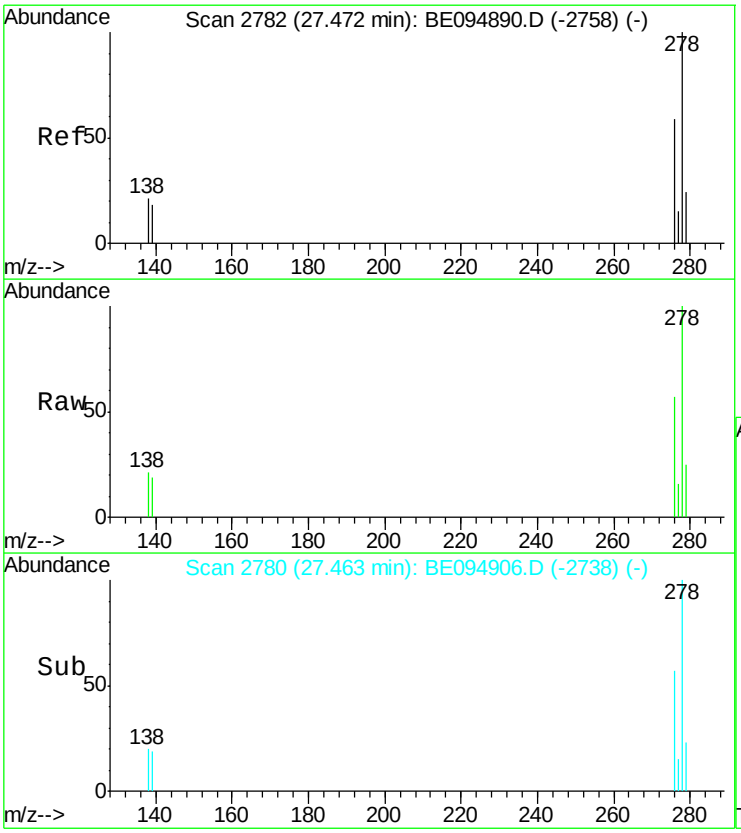
#37
Benzo(a)pyrene
Concen: 0.38 ng
RT: 24.44 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 25447

Ion	Ratio	Lower	Upper
252	100		
253	23.1	52.0	78.0#
125	14.9	68.0	102.0#

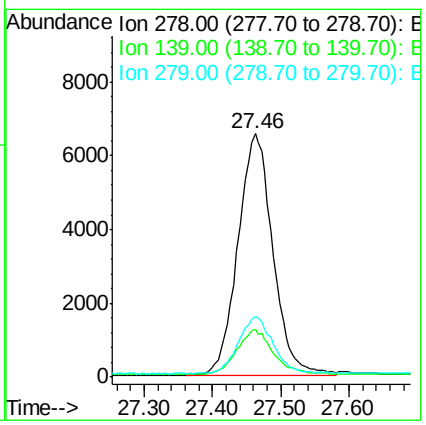


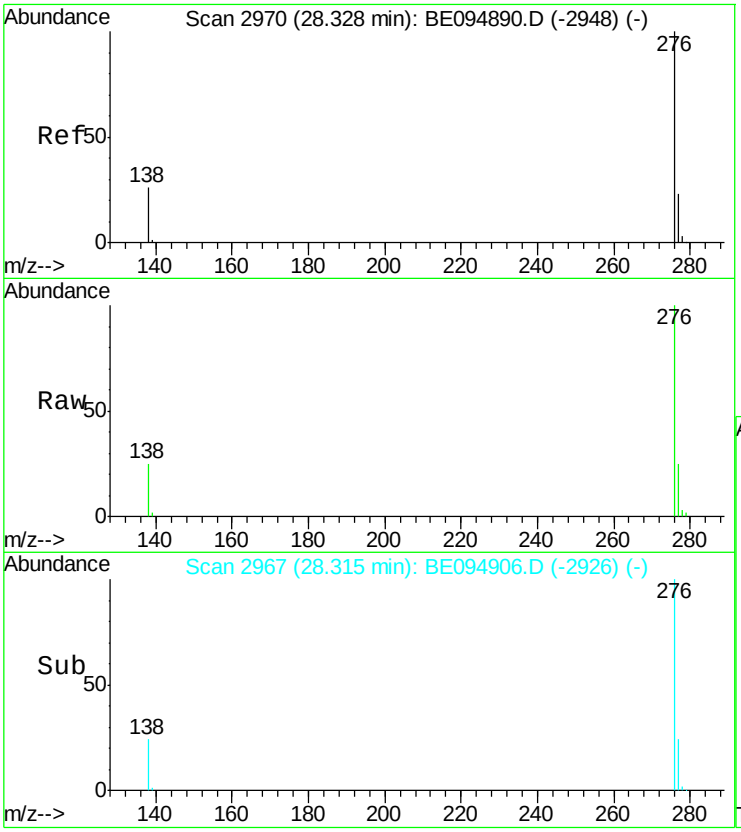


#38
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 27.46 min Scan# 2780
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Tgt Ion:278 Resp: 23198

Ion	Ratio	Lower	Upper
278	100		
139	19.5	56.0	84.0#
279	24.7	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 28.31 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BE094906.D
Acq: 1 Dec 2017 15:50

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23143

Ion	Ratio	Lower	Upper
276	100		
277	24.5	52.0	78.0#
138	25.3	44.0	66.0#