Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE113017\
Data File : BE094888.D
Acq On : 30 Nov 2017 12:37
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : SSTDICC0.1

Quant Time: Nov 30 15:22:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.486	152	8519	0.40	ng		0.00
7) Naphthalene-d8	11.327	136	17422	0.40	ng		0.00
13) Acenaphthene-d10	15.061	164	9435	0.40	ng		-0.01
19) Phenanthrene-d10	17.773	188	24115	0.40	ng		0.00
27) Chrysene-d12	21.885	240	28957	0.40	ng		0.00
34) Perylene-d12	24.562	264	24598	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.955	112	1368	0.05	ng		0.00
5) Phenol-d6	7.592	99	1967	0.04	ng		0.00
8) Nitrobenzene-d5	9.666	82	820	0.06	ng		0.00
11) 2-Methylnaphthalene-d10	12.864	152	2733	0.10	ng		0.00
14) 2,4,6-Tribromophenol	16.532	330	166	0.06	ng		0.00
15) 2-Fluorobiphenyl	13.712	172	4033	0.12	ng		0.00
25) Fluoranthene-d10	19.761	212	33490	0.05	ng		0.00
29) Terphenyl-d14	20.328	244	5369	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	1106	0.08	ng	#	89
3) n-Nitrosodimethylamine	4.041	42	1132	0.08	ng	#	66
6) bis(2-Chloroethyl)ether	7.881	93	2042	0.06	ng		86
9) Naphthalene	11.378	128	20689	0.10	ng		100
10) Hexachlorobutadiene	11.644	225	873	0.12	ng		97
12) 2-Methylnaphthalene	12.937	142	5445	0.16	ng		97
16) Acenaphthylene	14.794	152	5305	0.11	ng		98
17) Acenaphthene	15.120	154	3561	0.11	ng		96
18) Fluorene	16.099	166	4393	0.11	ng	#	80
20) 4-Bromophenyl-phenylether	16.966	248	1355	0.10	ng	#	72
21) Hexachlorobenzene	17.086	284	1290	0.11	ng	#	78
22) Pentachlorophenol	17.415	266	276	0.19	ng		85
23) Phenanthrene	17.818	178	7656	0.07	ng	#	93
24) Anthracene	17.908	178	8634	0.12	ng	#	78
26) Fluoranthene	19.783	202	9531	0.04	ng		99
28) Pyrene	20.126	202	10036	0.10	ng		94
30) Benzo(a)anthracene	21.854	228	9182	0.10	ng	#	63
31) Chrysene	21.916	228	10351	0.11	ng	#	64
32) Bis(2-ethylhexyl)phtha...	21.760	149	15961	0.07	ng		100
33) Indeno(1,2,3-cd)pyrene	27.430	276	8236	0.09	ng		99
35) Benzo(b)fluoranthene	23.729	252	9153	0.12	ng	#	48
36) Benzo(k)fluoranthene	23.783	252	8796	0.10	ng	#	46
37) Benzo(a)pyrene	24.439	252	7595	0.10	ng	#	39
38) Dibenzo(a,h)anthracene	27.457	278	6713	0.10	ng	#	48
39) Benzo(g,h,i)perylene	28.323	276	7015	0.11	ng	#	55

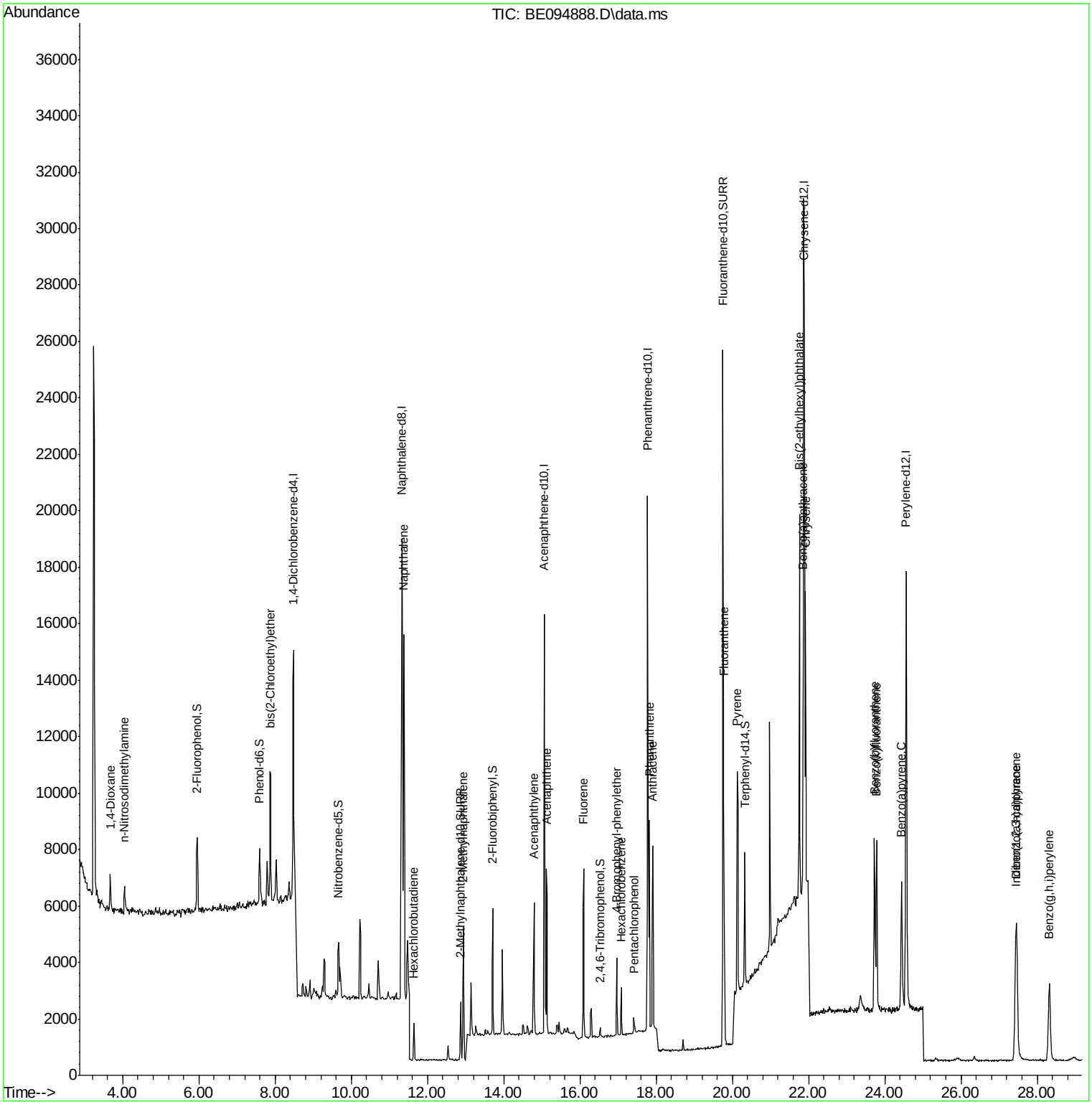
(#) = qualifier out of range (m) = manual integration (+) = signals summed

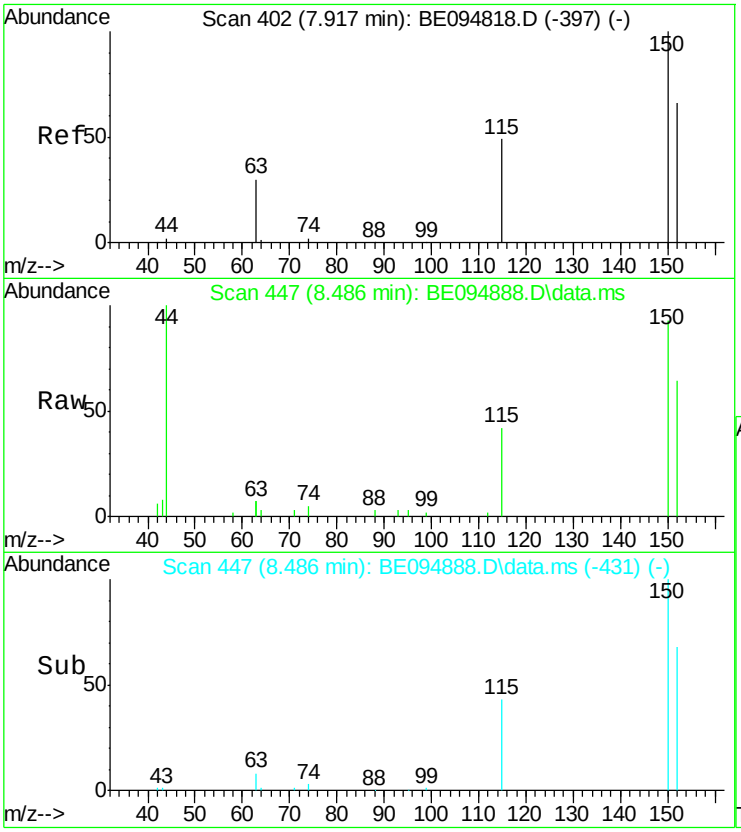
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA E\Data\BE113017\
Data File : BE094888.D
Acq On : 30 Nov 2017 12:37
Operator : SJ/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 30 15:22:01 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 15:20:25 2017
Response via : Initial Calibration



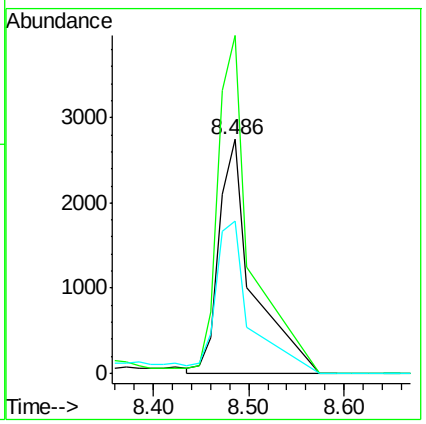


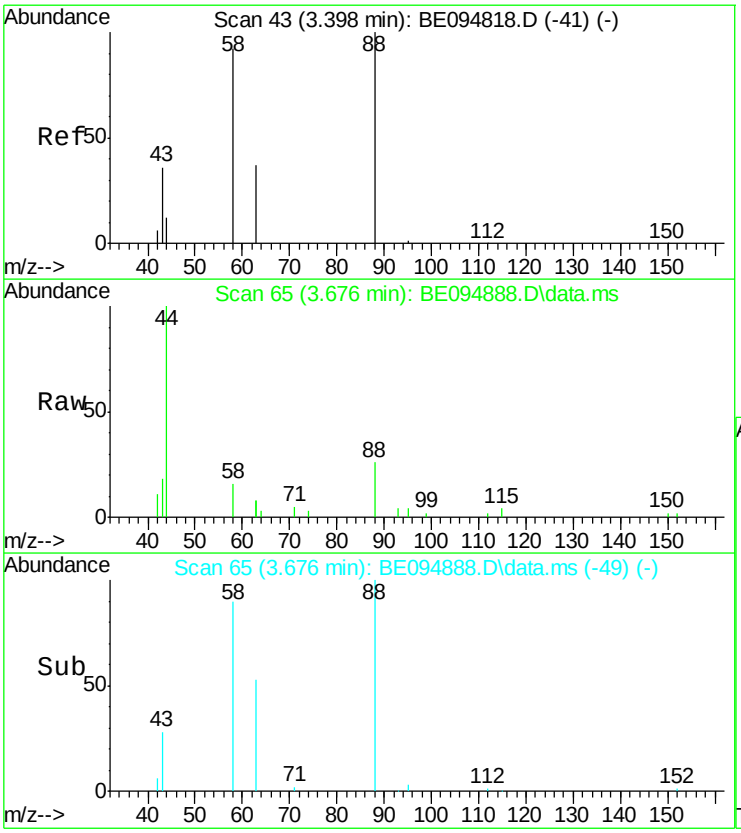
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.486 min Scan# 44
Delta R.T. -0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 8519

Ion	Ratio	Lower	Upper
152	100		
150	144.6	117.2	175.8
115	65.2	57.0	85.6

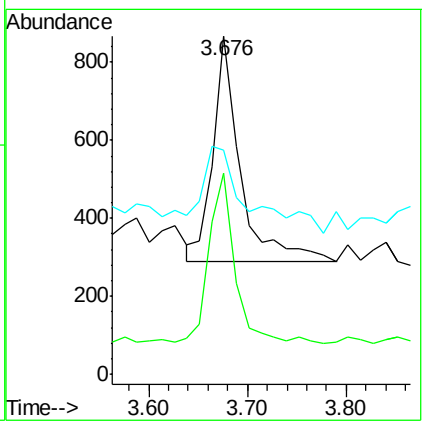


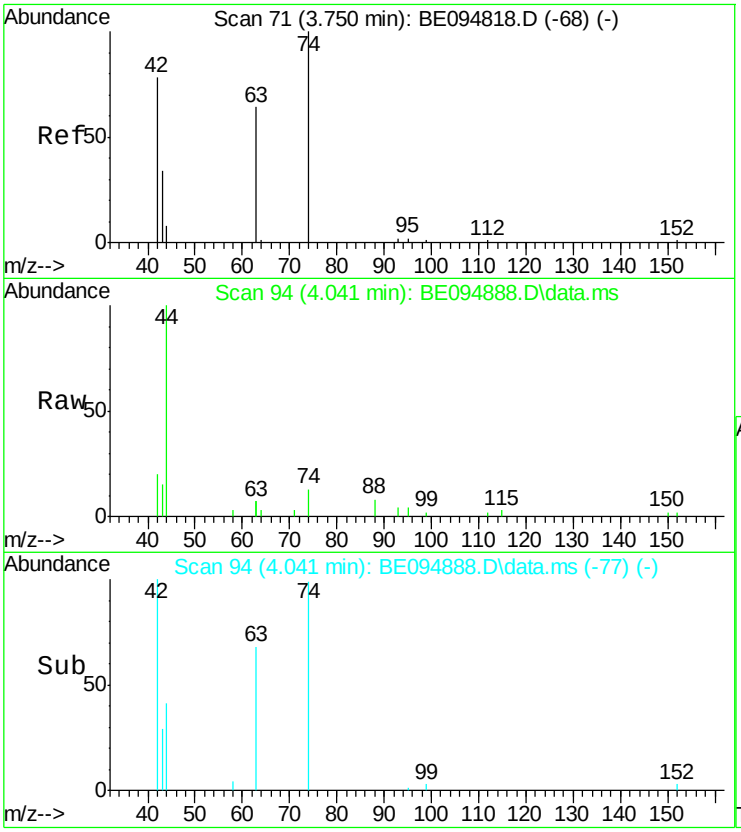


#2
1,4-Dioxane
Concen: 0.08 ng
RT: 3.676 min Scan# 65
Delta R.T. -0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion: 88 Resp: 1106

Ion	Ratio	Lower	Upper
88	100		
58	74.4	63.2	94.8
43	65.2	41.2	61.8#



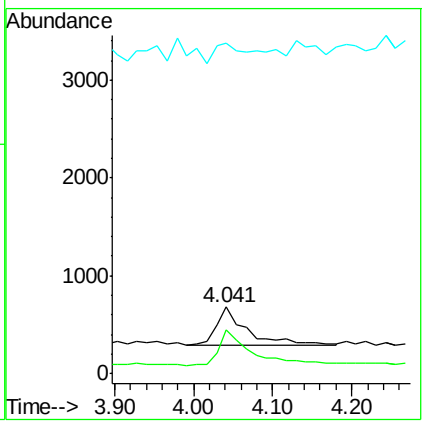


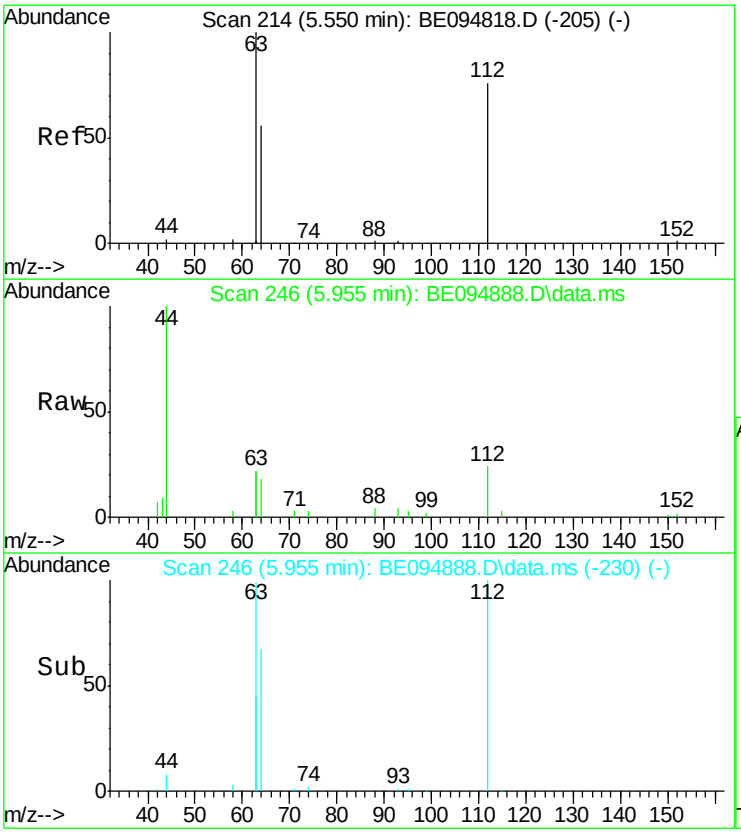
#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 4.041 min Scan# 94
Delta R.T. 0.012 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 1132

Ion	Ratio	Lower	Upper
42	100		
74	88.7	100.3	150.5#
44	41.4	17.0	25.4#

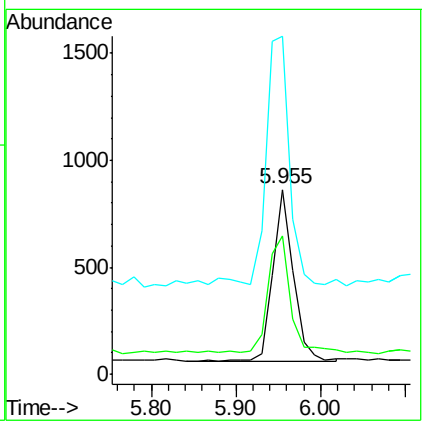


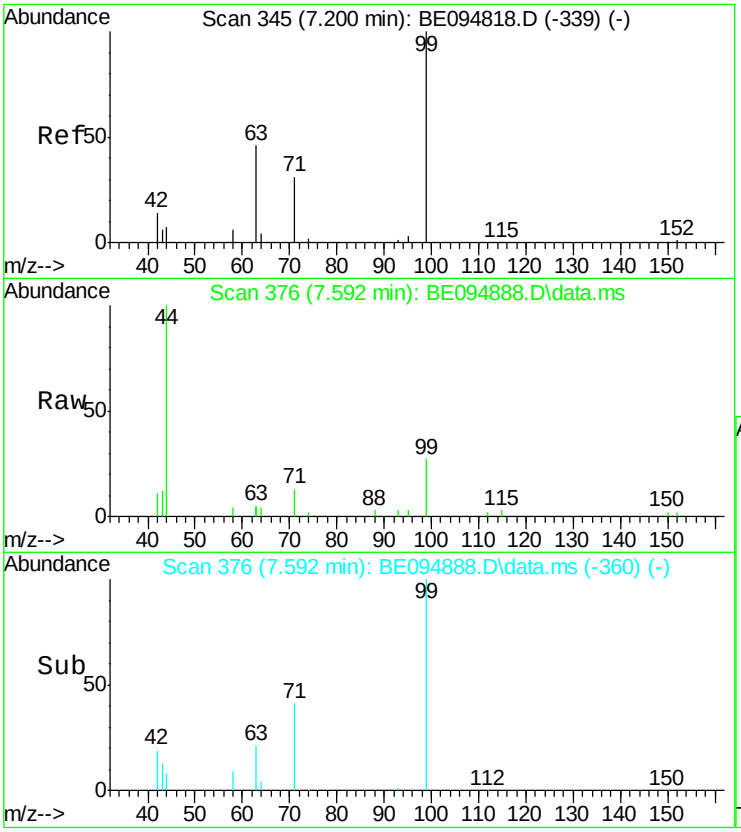


#4
2-Fluorophenol
Concen: 0.05 ng
RT: 5.955 min Scan# 246
Delta R.T. -0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:112 Resp: 1368

Ion	Ratio	Lower	Upper
112	100		
64	76.5	60.1	90.1
63	160.7	116.8	175.2



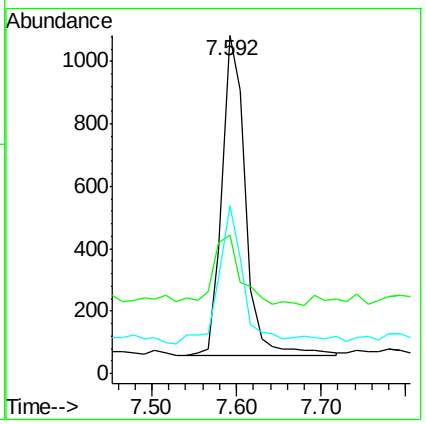


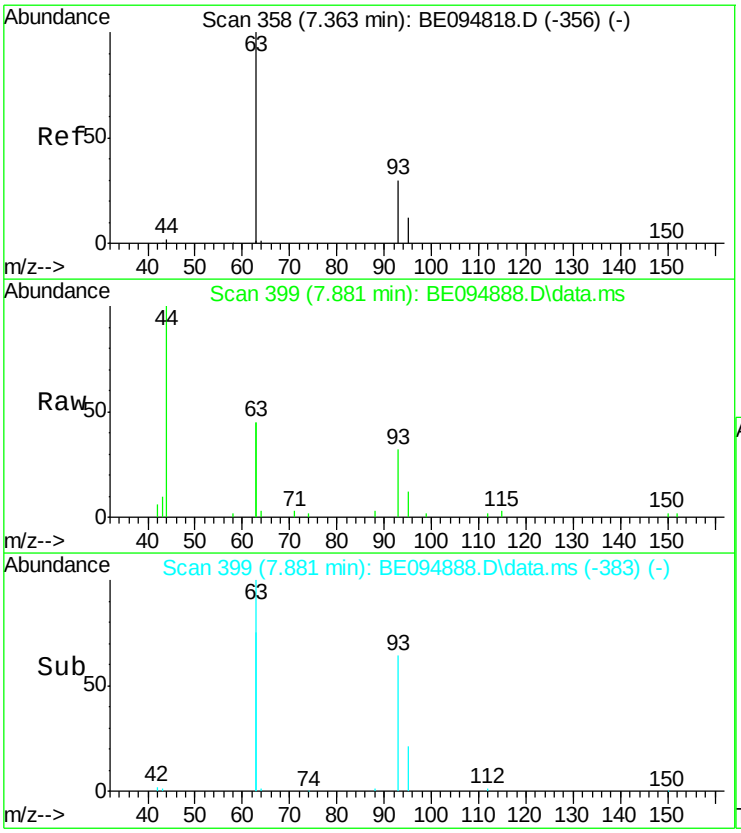
#5
Phenol-d6
Concen: 0.04 ng
RT: 7.592 min Scan# 37
Delta R.T. -0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 1967

Ion	Ratio	Lower	Upper
99	100		
42	23.6	20.2	30.2
71	44.8	28.4	42.6#

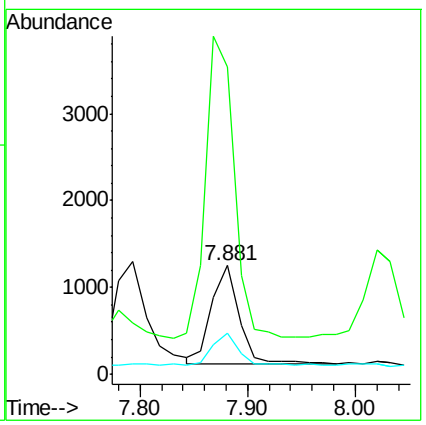


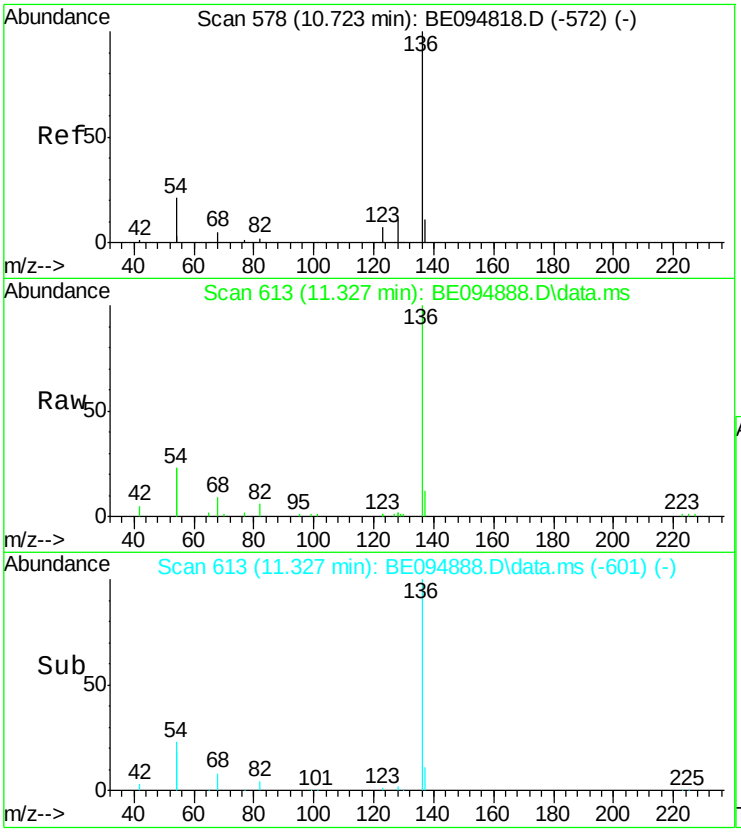


#6
bis(2-Chloroethyl)ether
Concen: 0.06 ng
RT: 7.881 min Scan# 399
Delta R.T. -0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion: 93 Resp: 2042

Ion	Ratio	Lower	Upper
93	100		
63	311.1	275.3	412.9
95	33.3	25.2	37.8



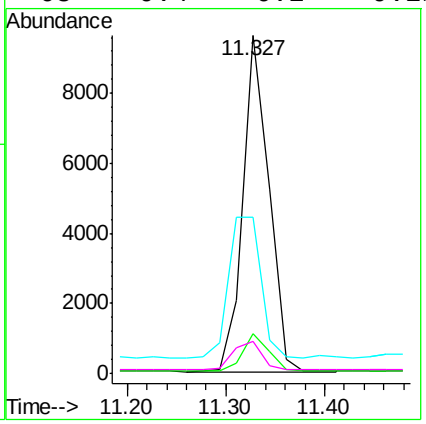


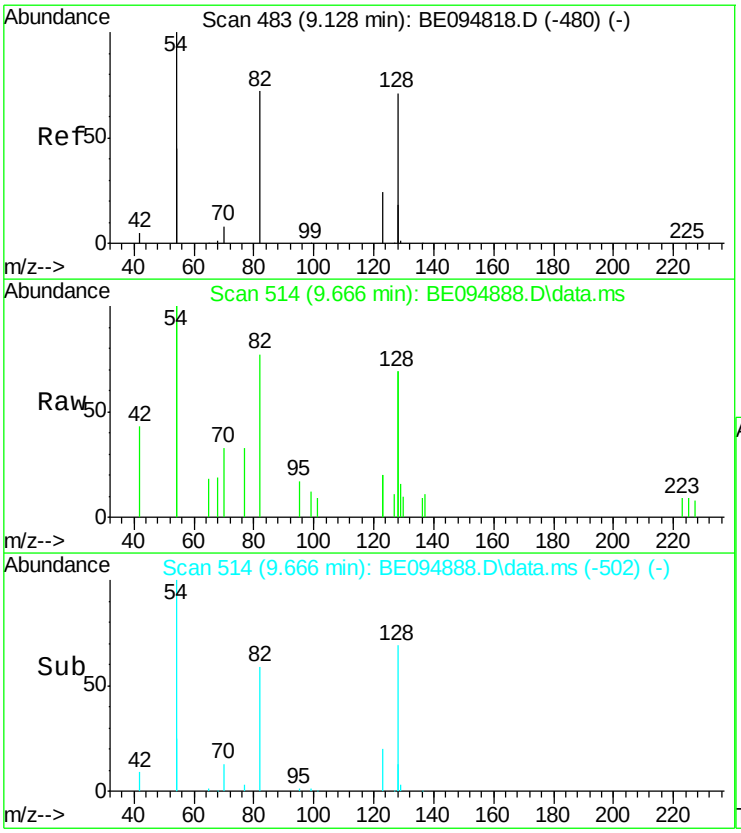
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.327 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 17422

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	46.3	29.1	43.7#
68	9.4	6.2	9.2#

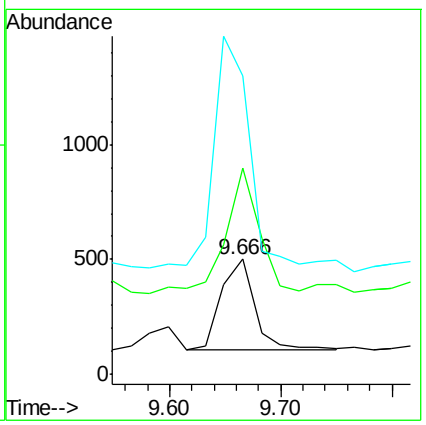


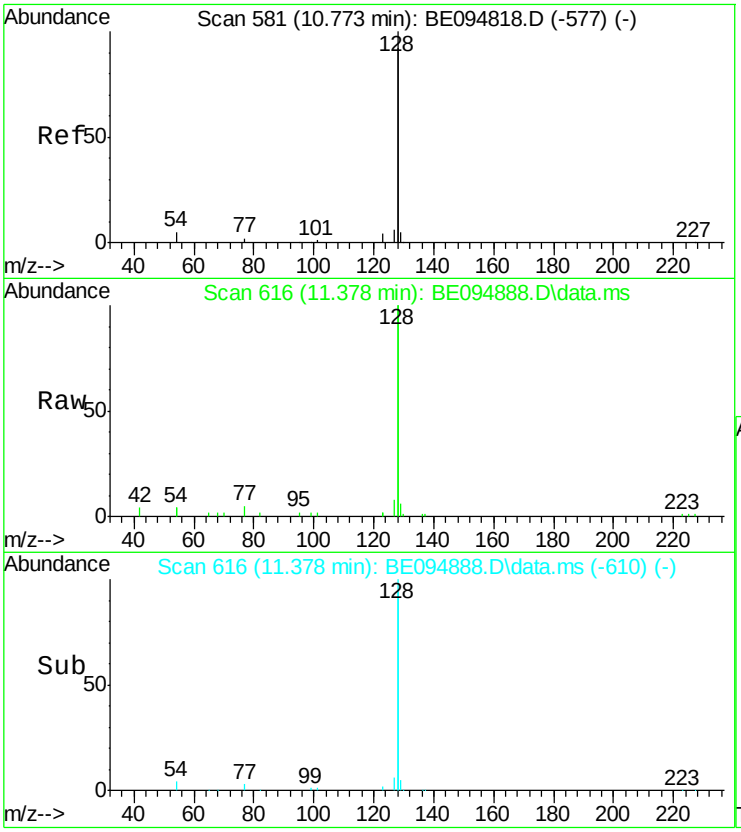


#8
Nitrobenzene-d5
Concen: 0.06 ng
RT: 9.666 min Scan# 514
Delta R.T. 0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion: 82 Resp: 820

Ion	Ratio	Lower	Upper
82	100		
128	178.8	150.0	225.0
54	259.5	154.2	231.4#



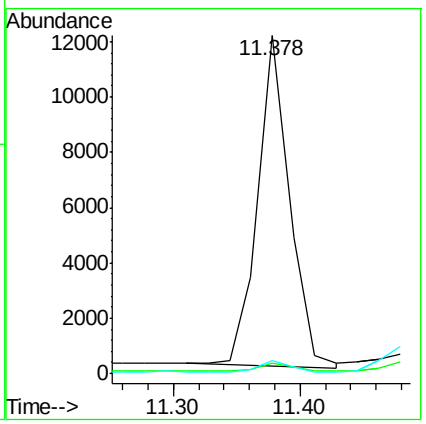


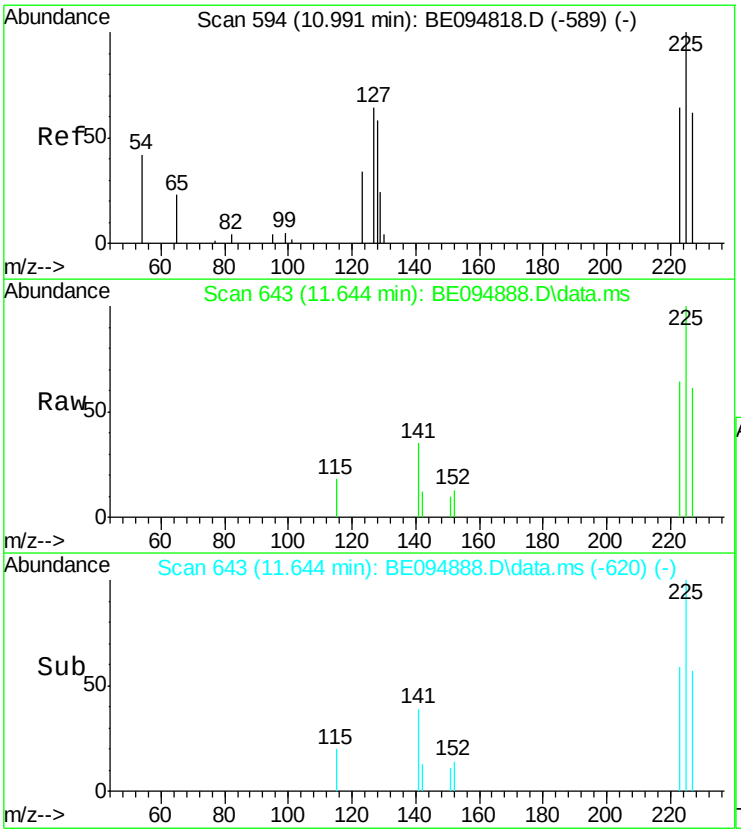
#9
Naphthalene
Concen: 0.10 ng
RT: 11.378 min Scan# 61
Delta R.T. 0.001 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 20689

Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.8	2.8	4.2

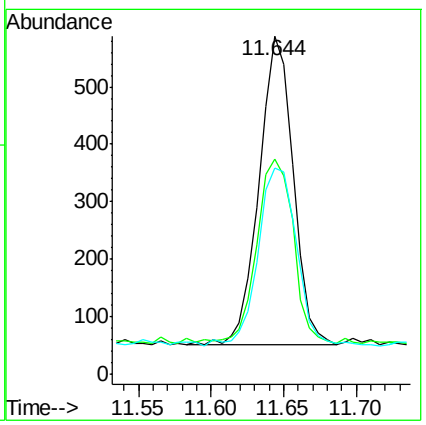


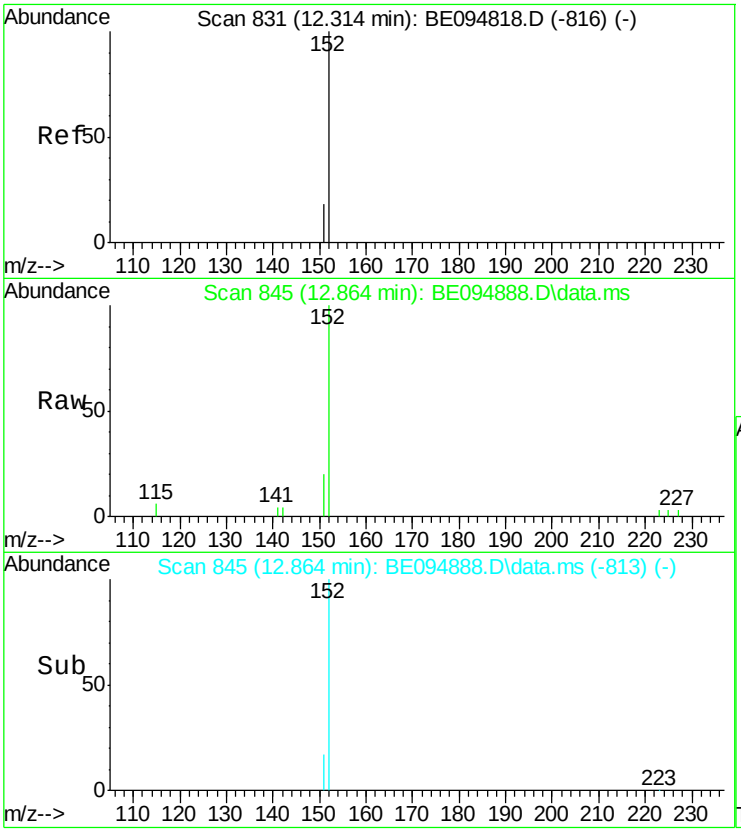


#10
Hexachlorobutadiene
Concen: 0.12 ng
RT: 11.644 min Scan# 643
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:225 Resp: 873

Ion	Ratio	Lower	Upper
225	100		
223	63.2	53.0	79.6
227	66.0	51.4	77.2



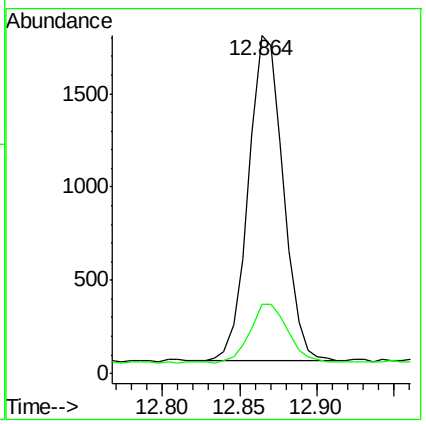


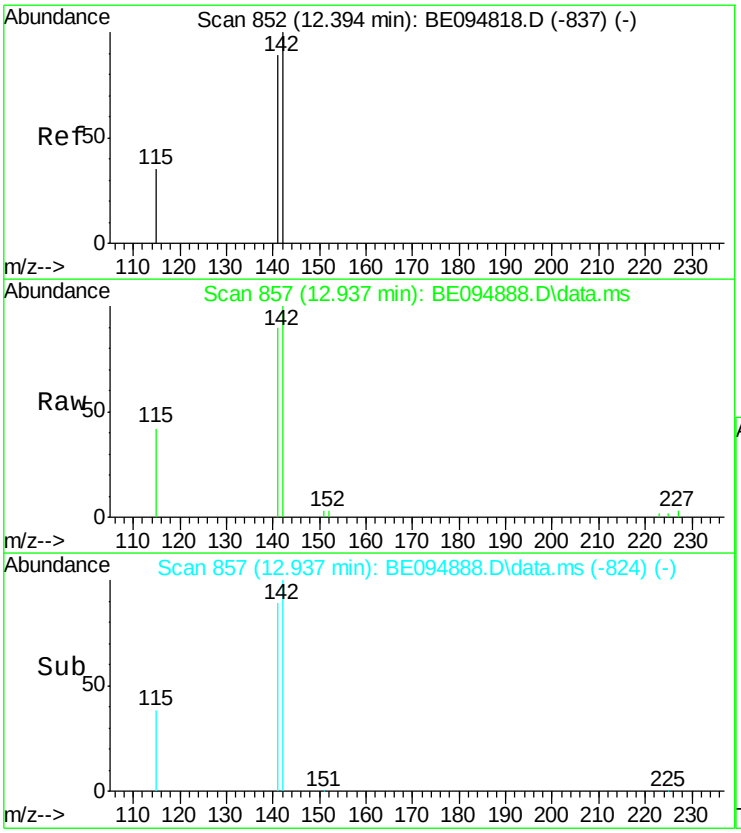
#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.864 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 2733

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0

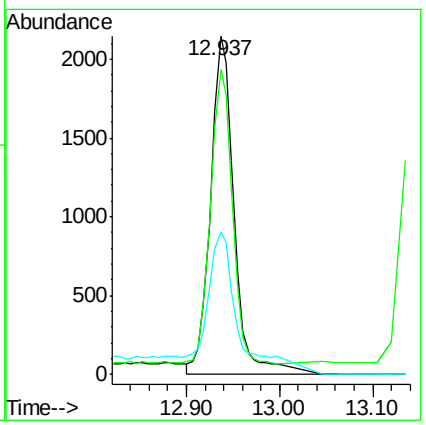


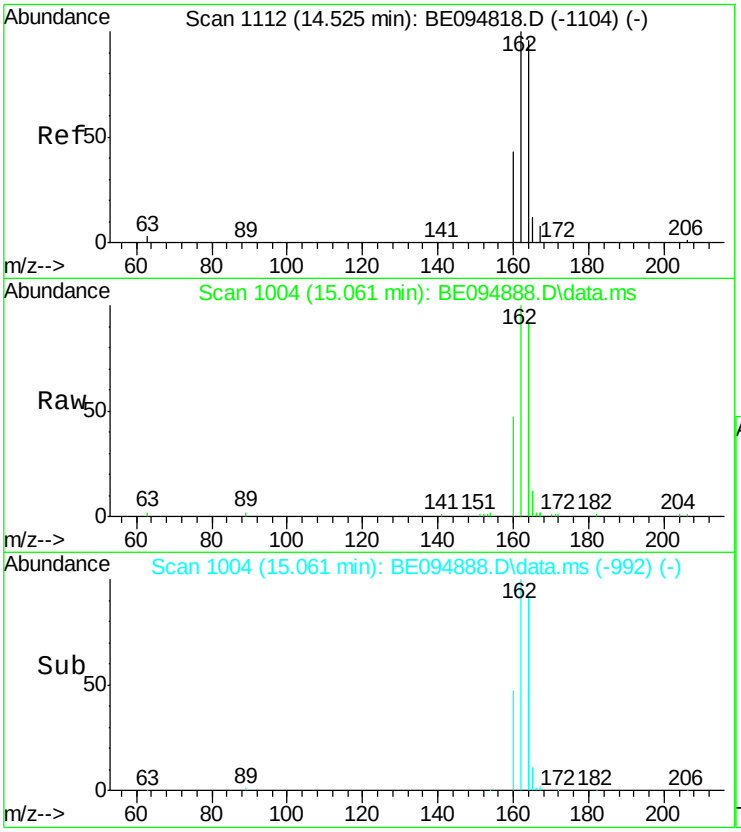


#12
2-Methylnaphthalene
Concen: 0.16 ng
RT: 12.937 min Scan# 857
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:142 Resp: 5445

Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.4	105.6
115	42.0	31.7	47.5



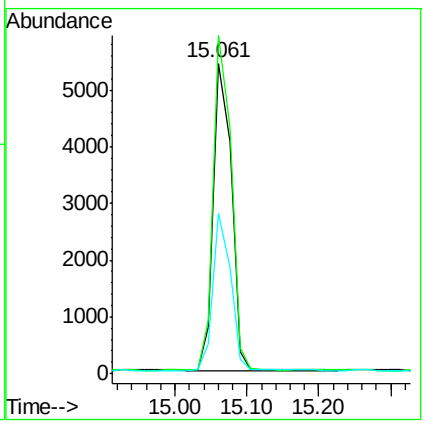


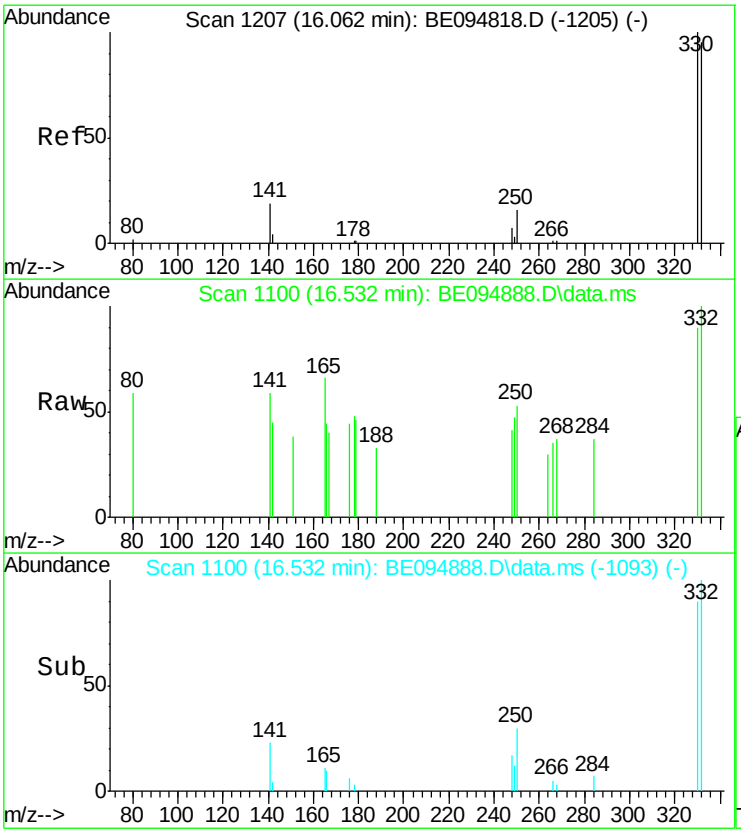
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.061 min Scan# 10
Delta R.T. -0.015 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 9435

Ion	Ratio	Lower	Upper
164	100		
162	109.0	83.1	124.7
160	51.6	37.1	55.7

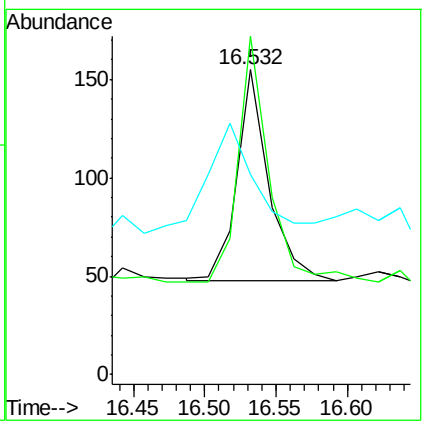


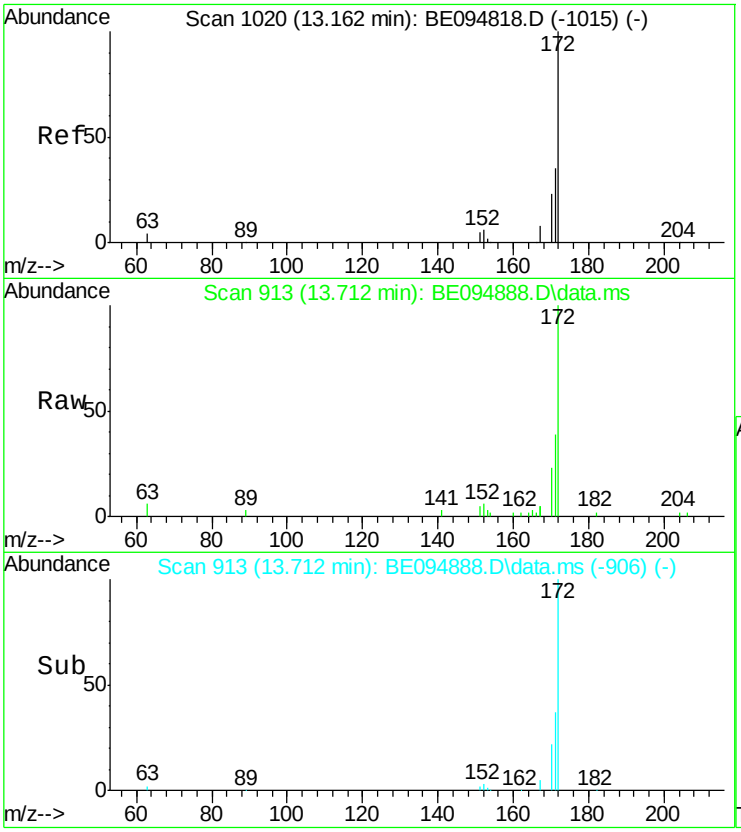


#14
2,4,6-Tribromophenol
Concen: 0.06 ng
RT: 16.532 min Scan# 1100
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:330 Resp: 166

Ion	Ratio	Lower	Upper
330	100		
332	113.3	152.7	229.1#
141	78.9	33.7	50.5#



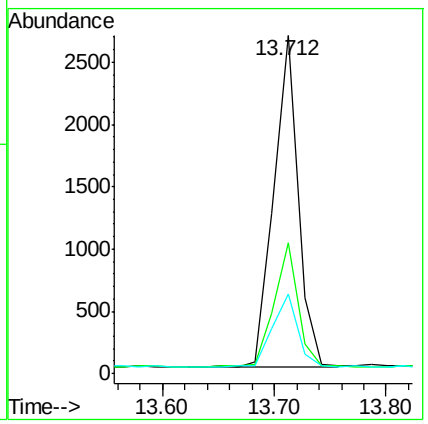


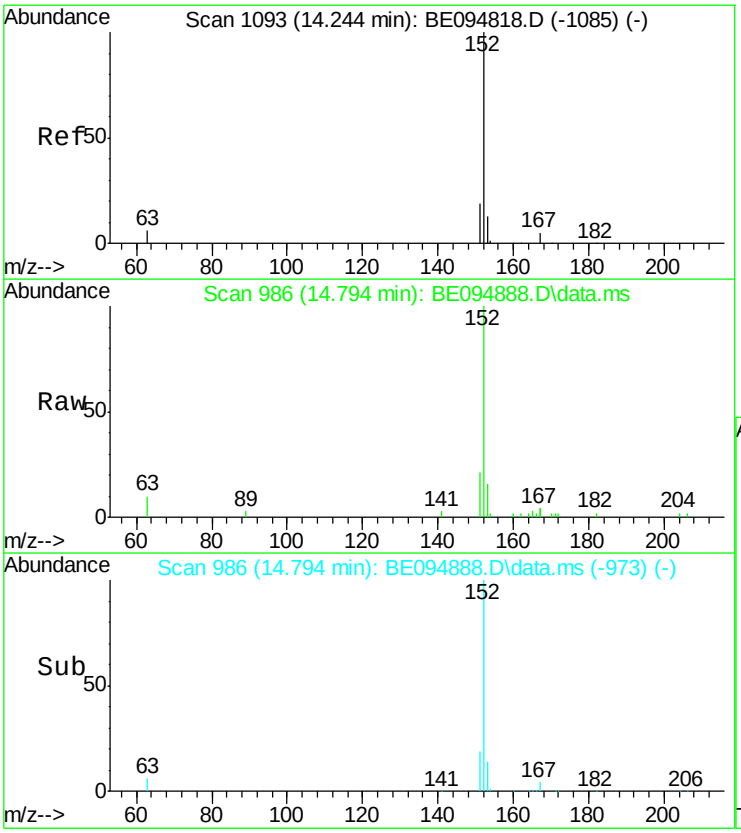
#15
2-Fluorobiphenyl
Concen: 0.12 ng
RT: 13.712 min Scan# 91
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 4033

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.9	44.9
170	23.4	21.8	32.8

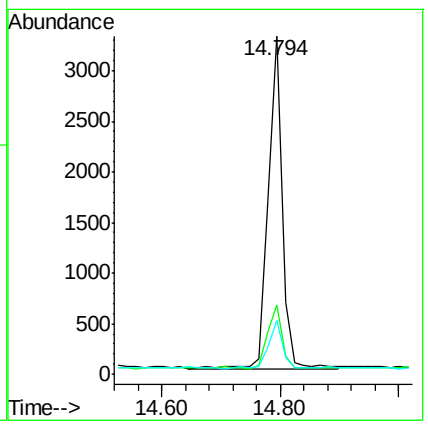


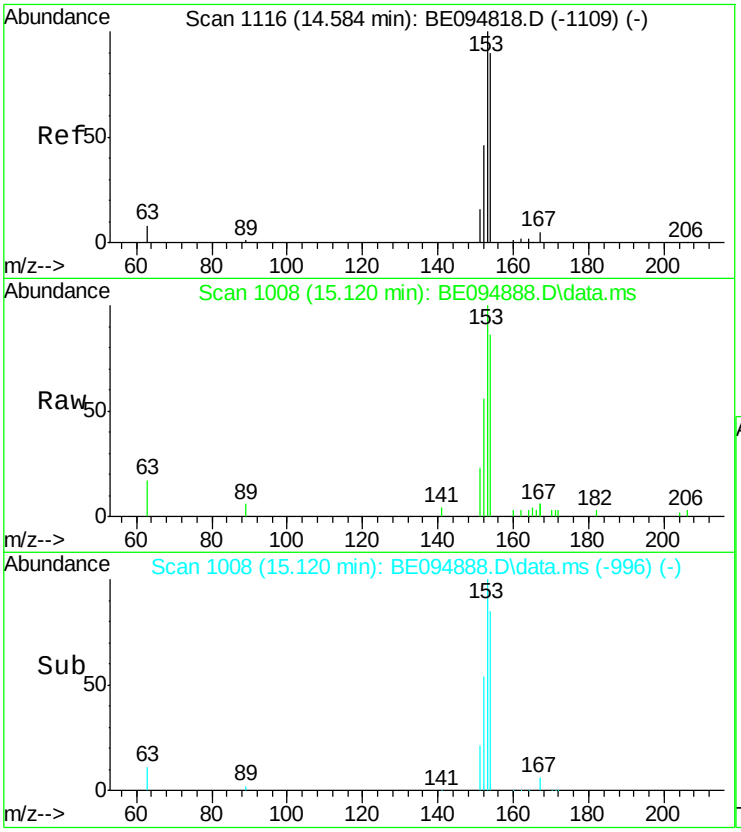


#16
Acenaphthylene
Concen: 0.11 ng
RT: 14.794 min Scan# 986
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:152 Resp: 5305

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	14.6	10.5	15.7



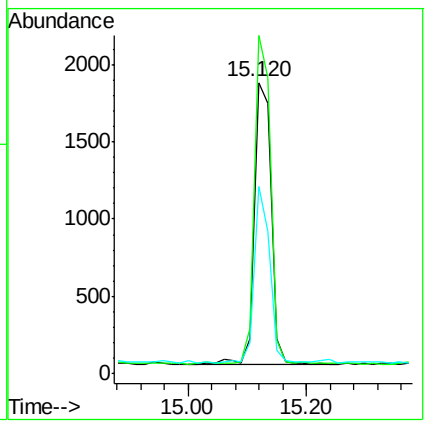


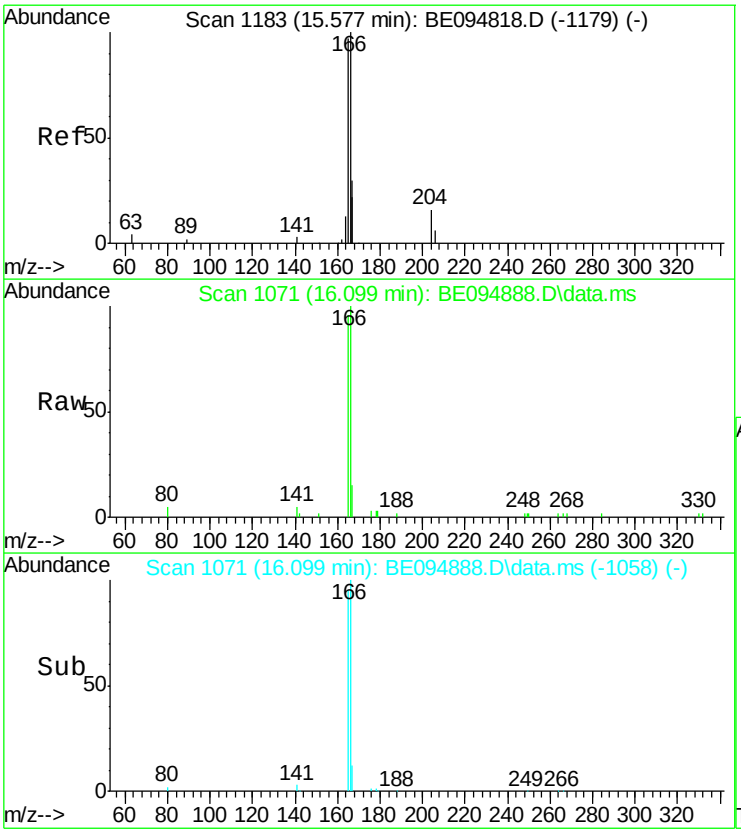
#17
Acenaphthene
Concen: 0.11 ng
RT: 15.120 min Scan# 10
Delta R.T. -0.015 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 3561

Ion	Ratio	Lower	Upper
154	100		
153	108.8	89.2	133.8
152	58.0	42.0	63.0

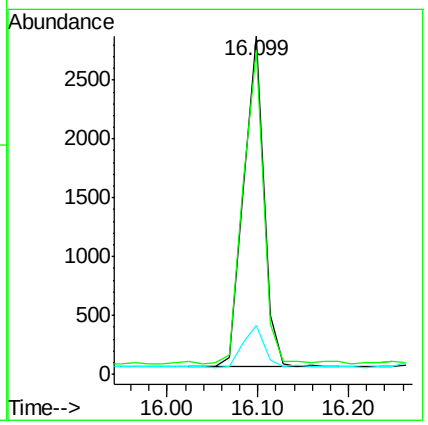


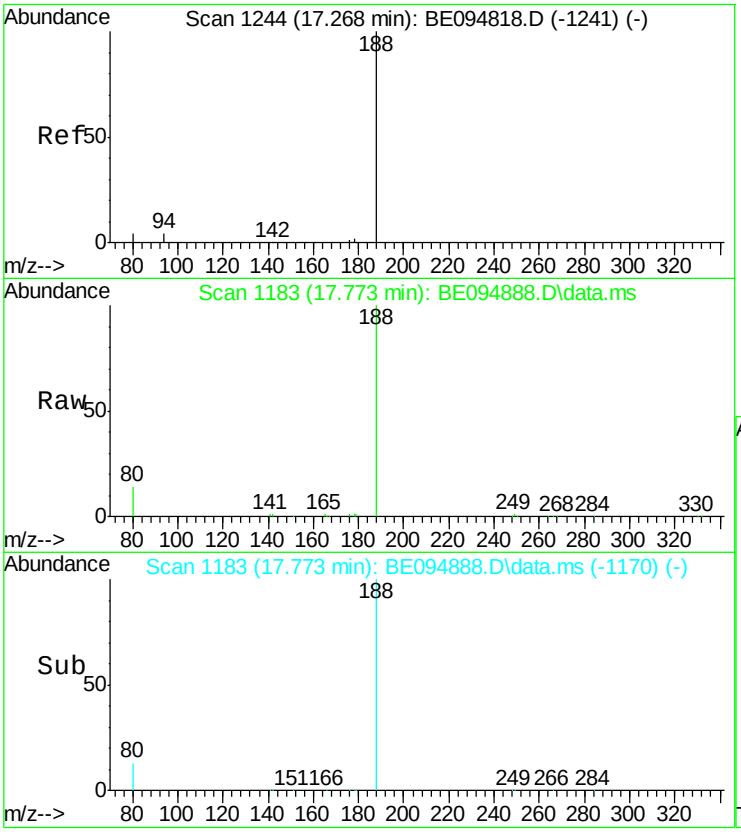


#18
Fluorene
Concen: 0.11 ng
RT: 16.099 min Scan# 1071
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:166 Resp: 4393

Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.8	116.6
167	14.9	42.4	63.6#



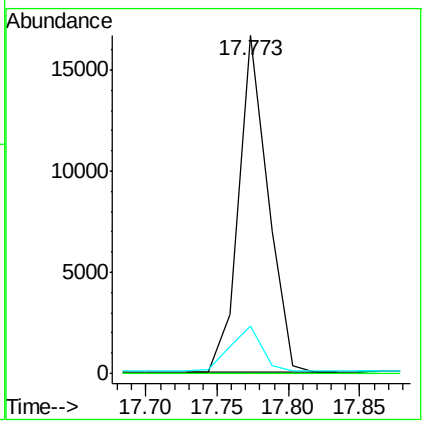


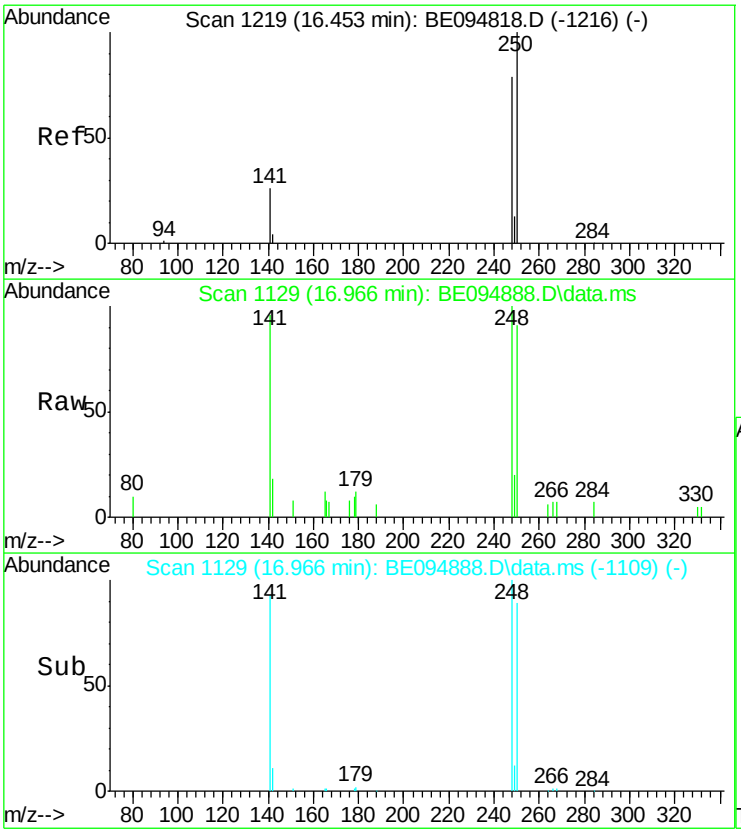
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.773 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 24115

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.9	3.6	5.4#

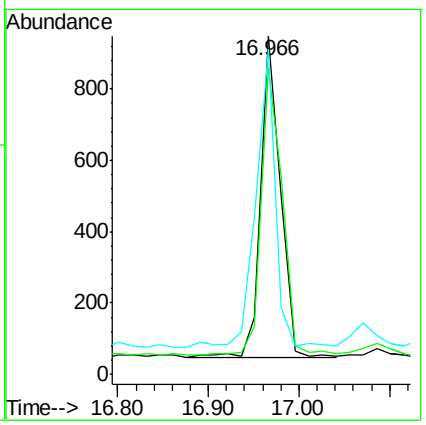


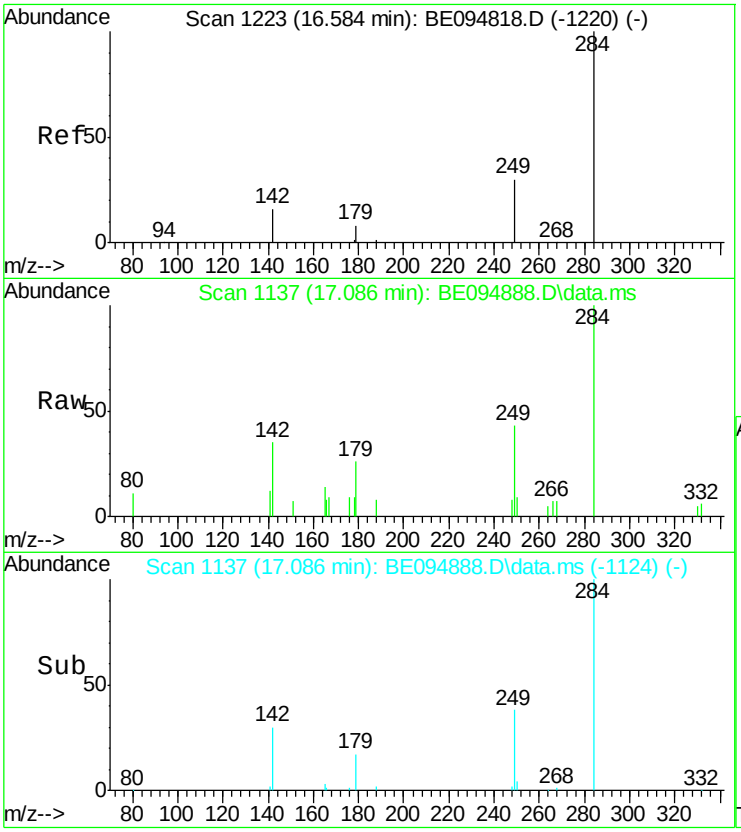


#20
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.966 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:248 Resp: 1355

Ion	Ratio	Lower	Upper
248	100		
250	90.5	62.7	94.1
141	96.1	48.2	72.2#



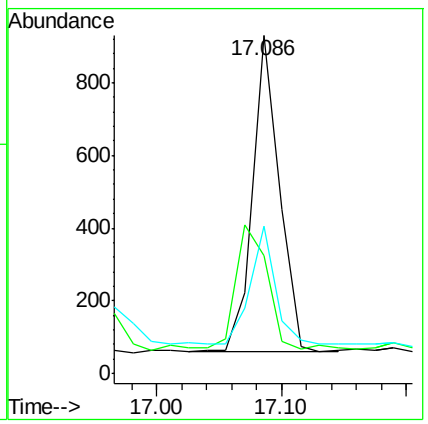


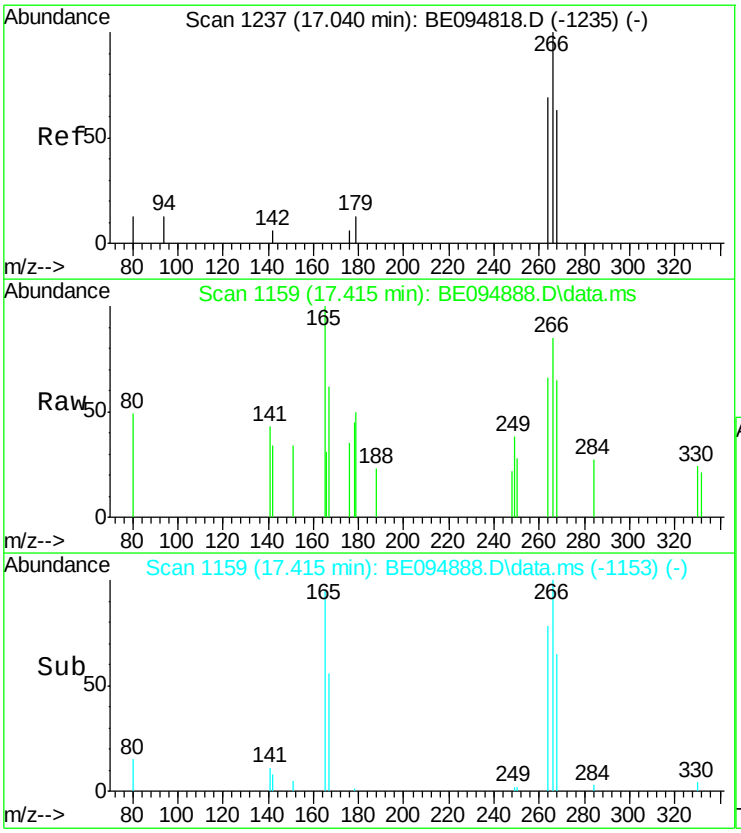
#21
Hexachlorobenzene
Concen: 0.11 ng
RT: 17.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:284 Resp: 1290

Ion	Ratio	Lower	Upper
284	100		
142	47.1	22.1	33.1#
249	35.9	34.8	52.2

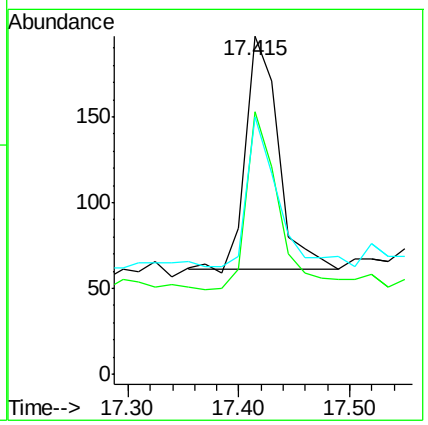


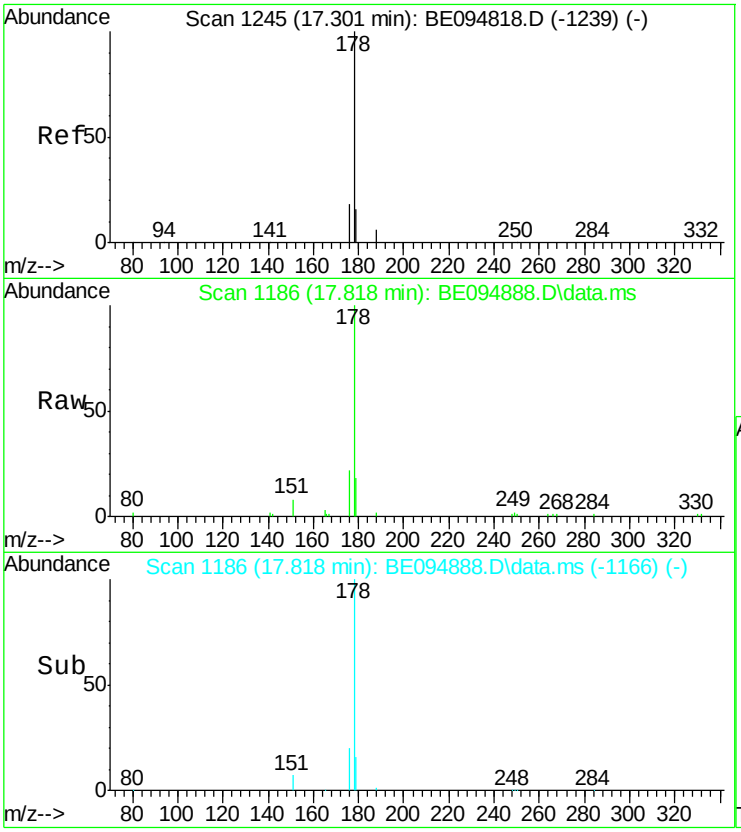


#22
Pentachlorophenol
Concen: 0.19 ng
RT: 17.415 min Scan# 1159
Delta R.T. -0.015 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:266 Resp: 276

Ion	Ratio	Lower	Upper
266	100		
264	77.7	72.5	108.7
268	76.1	73.8	110.6



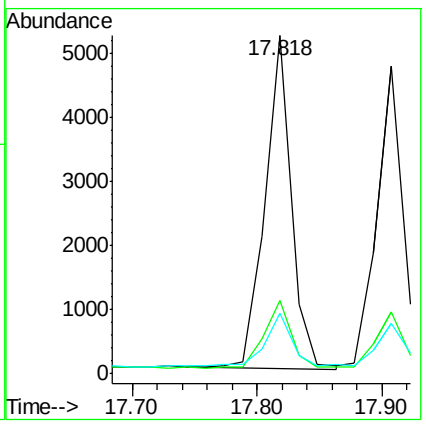


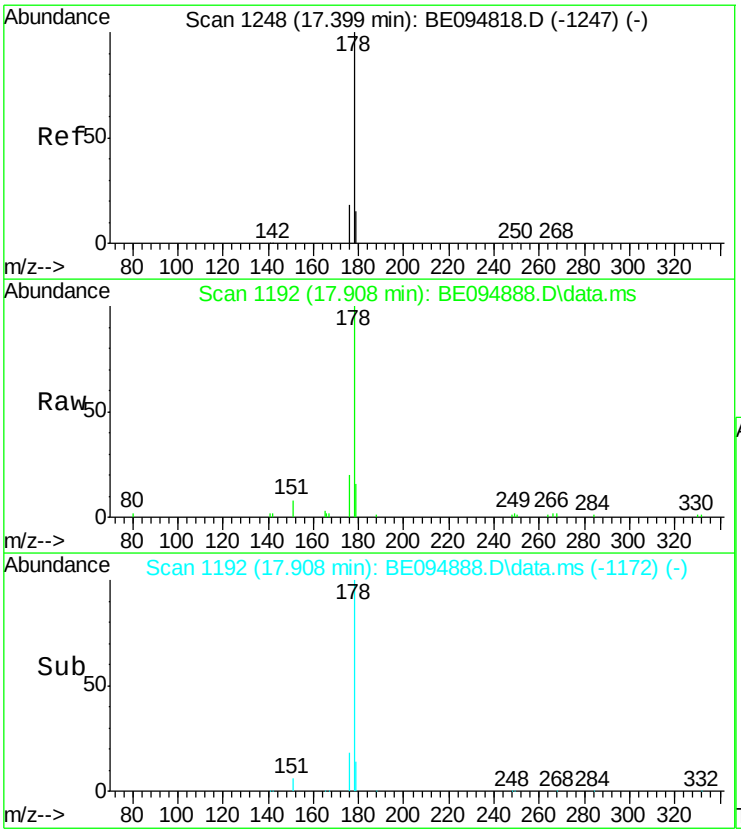
#23
Phenanthrene
Concen: 0.07 ng
RT: 17.818 min Scan# 11
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 7656

Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.1	22.7
179	18.3	11.8	17.6#

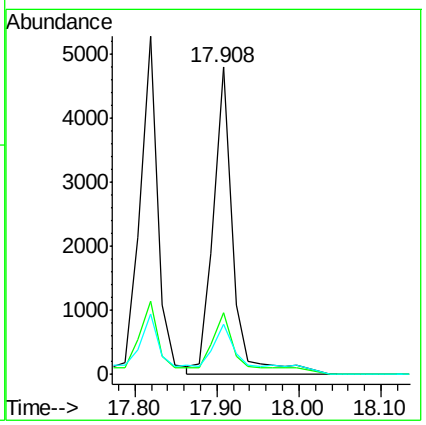


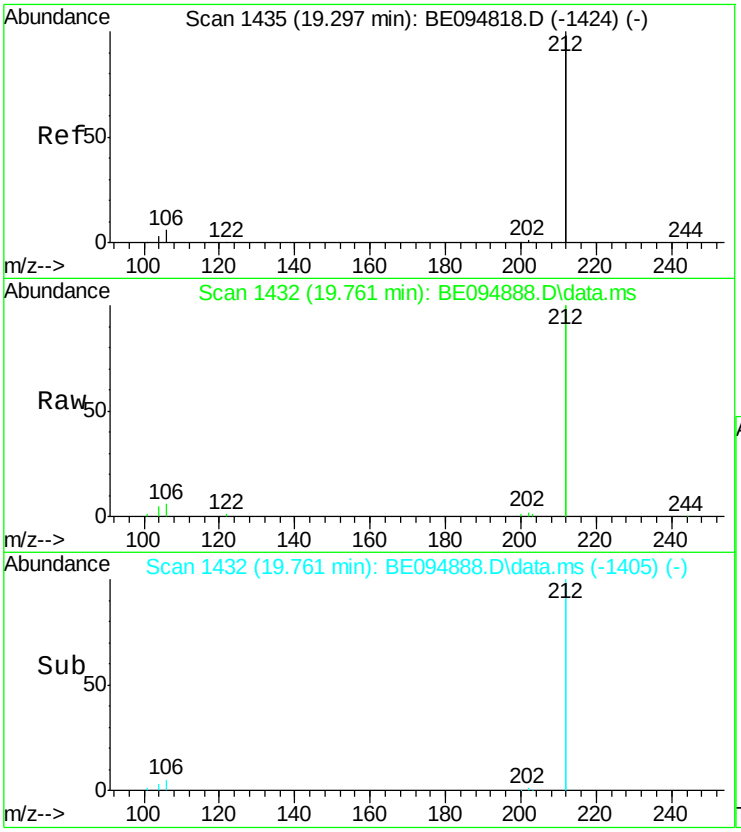


#24
Anthracene
Concen: 0.12 ng
RT: 17.908 min Scan# 1192
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:178 Resp: 8634

Ion	Ratio	Lower	Upper
178	100		
176	26.0	12.8	19.2#
179	25.0	13.0	19.6#



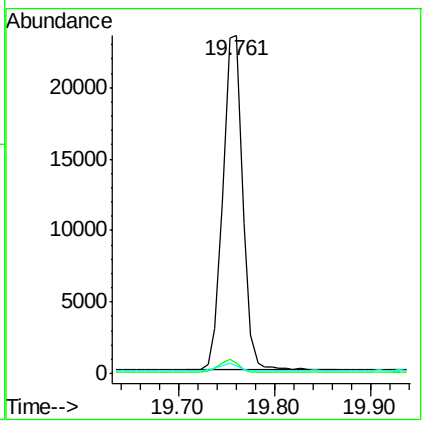


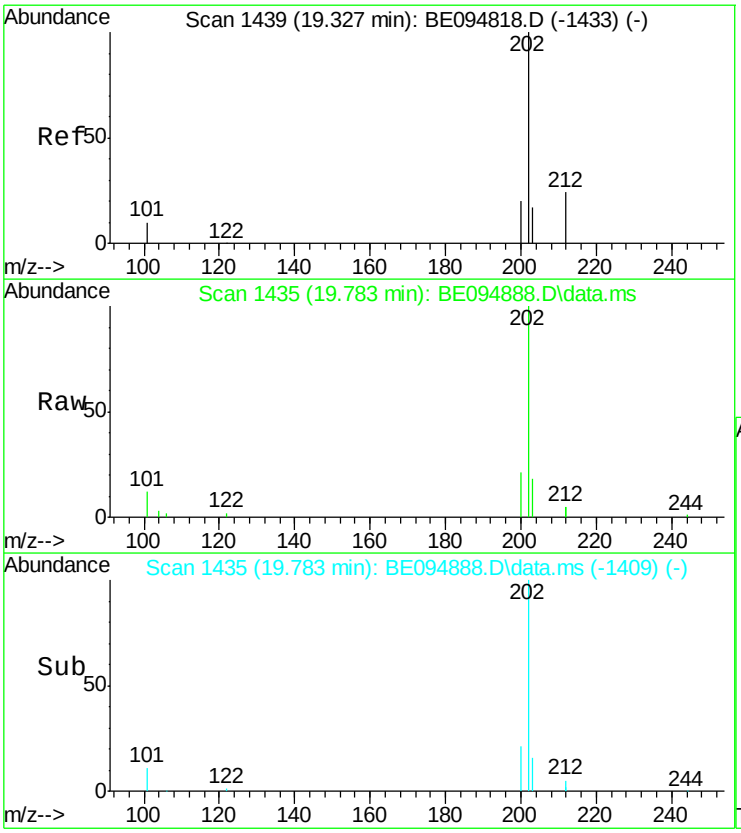
#25
Fluoranthene-d10
Concen: 0.05 ng
RT: 19.761 min Scan# 14
Delta R.T. 0.002 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 33490

Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.2	1.6	2.4

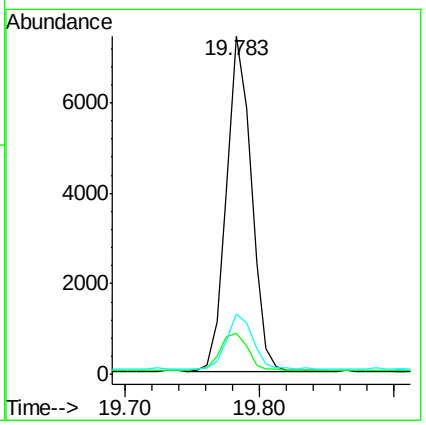


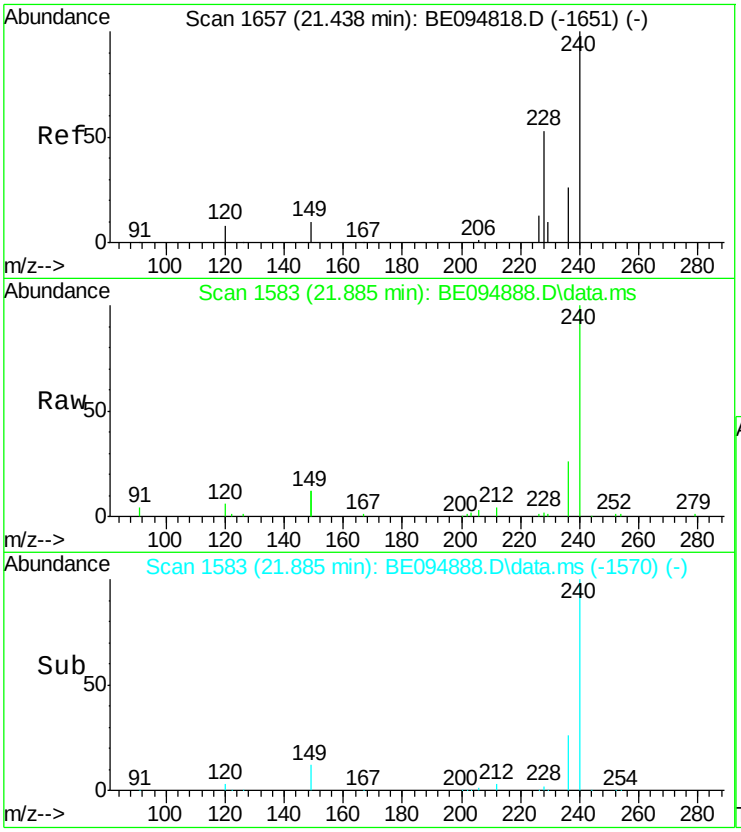


#26
Fluoranthene
Concen: 0.04 ng
RT: 19.783 min Scan# 1435
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:202 Resp: 9531

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.8	14.8
203	17.4	13.7	20.5



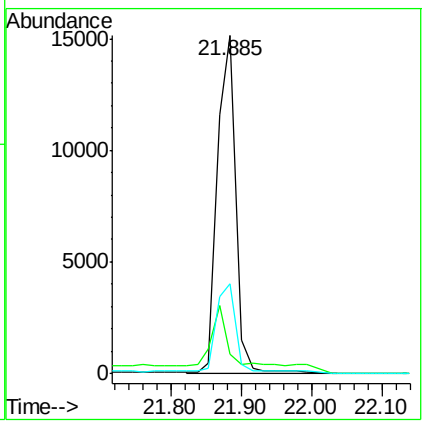


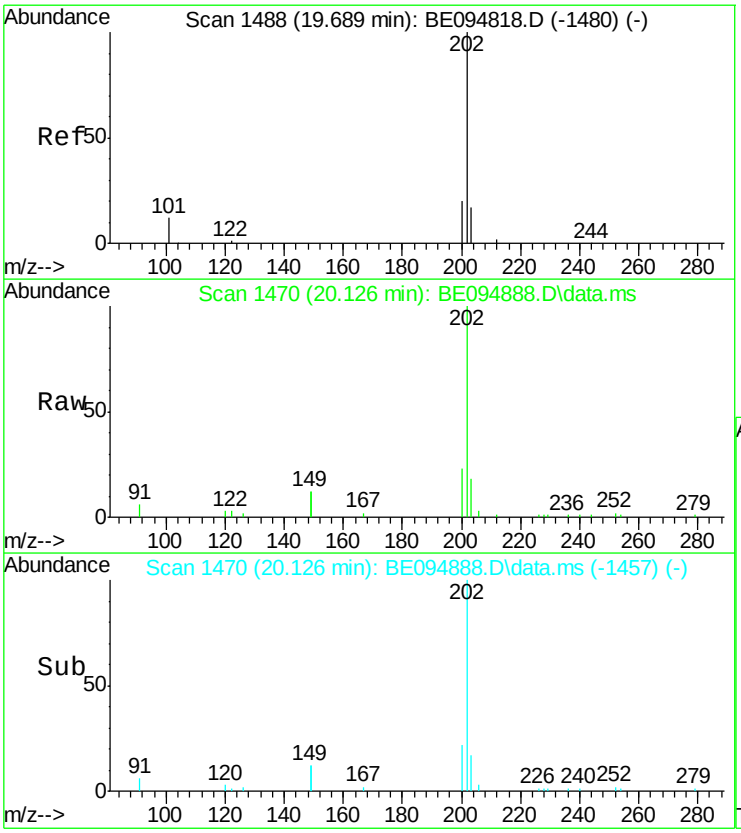
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.885 min Scan# 15
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 28957

Ion	Ratio	Lower	Upper
240	100		
120	5.6	5.5	8.3
236	26.4	20.7	31.1

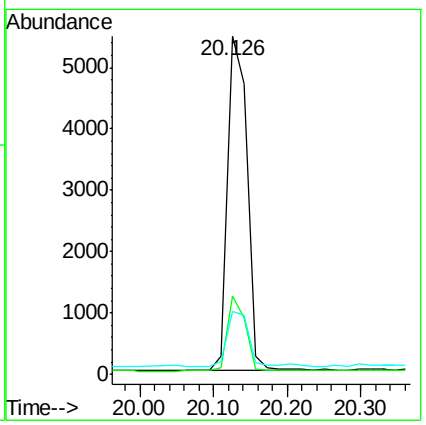


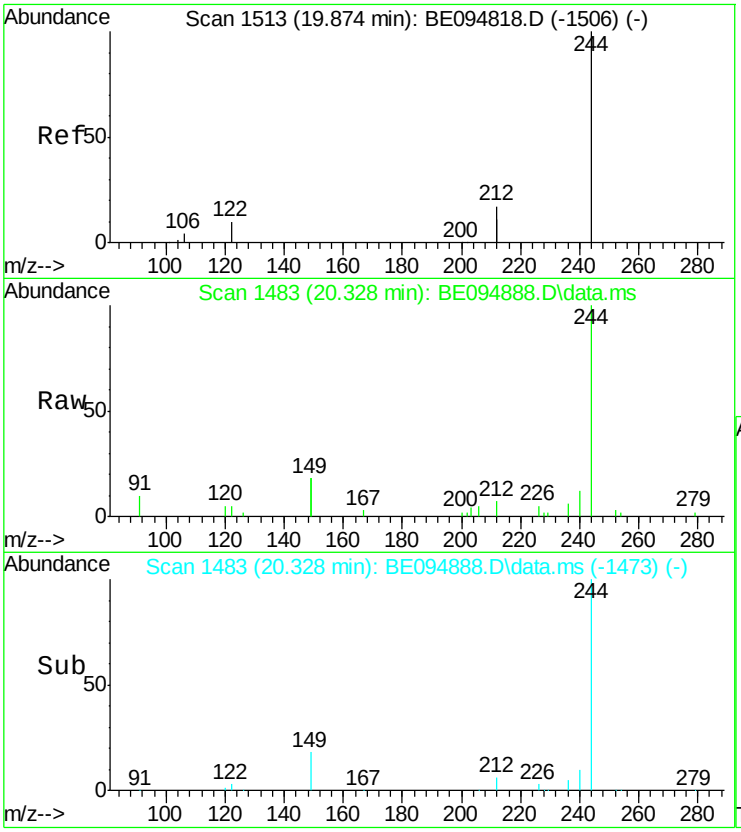


#28
Pyrene
Concen: 0.10 ng
RT: 20.126 min Scan# 1470
Delta R.T. -0.016 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:202 Resp: 10036

Ion	Ratio	Lower	Upper
202	100		
200	24.9	16.6	25.0
203	18.9	13.8	20.8



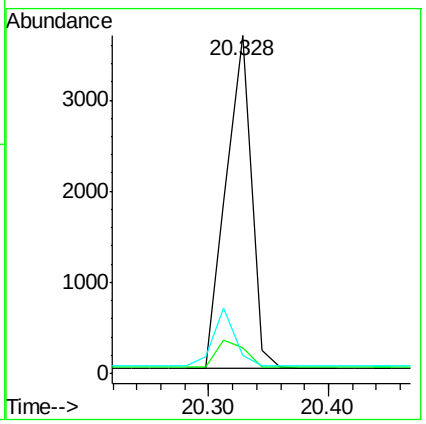


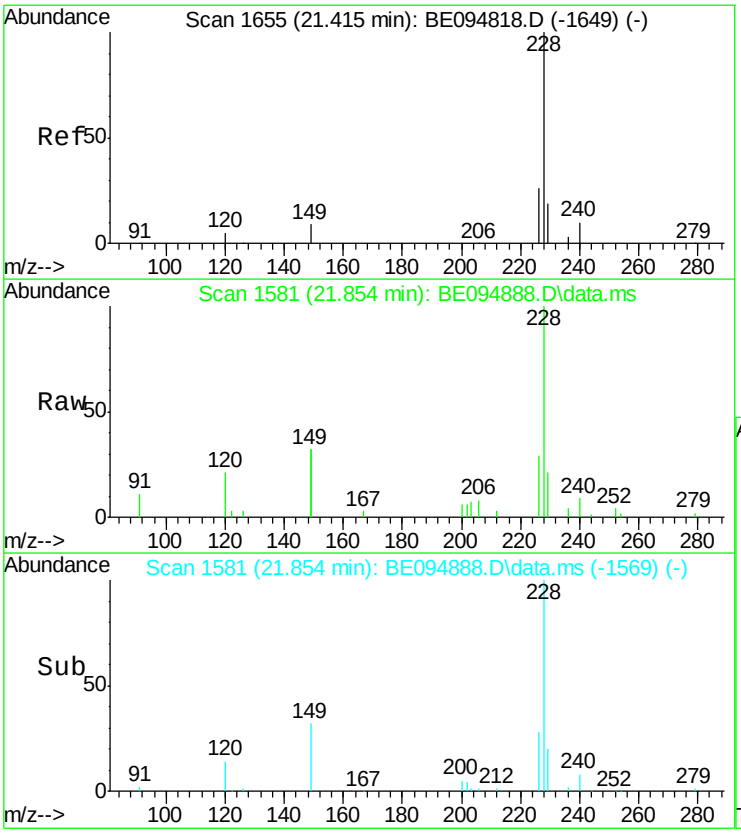
#29
Terphenyl-d14
Concen: 0.10 ng
RT: 20.328 min Scan# 14
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 5369

Ion	Ratio	Lower	Upper
244	100		
212	7.5	25.4	38.0#
122	5.3	8.1	12.1#

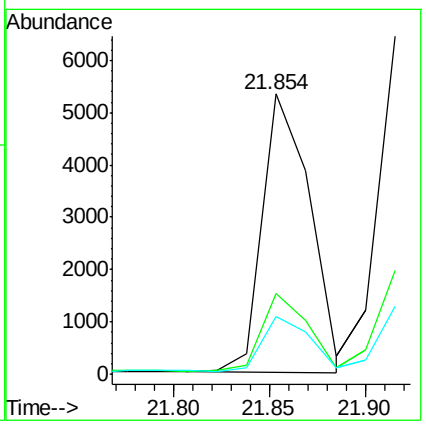


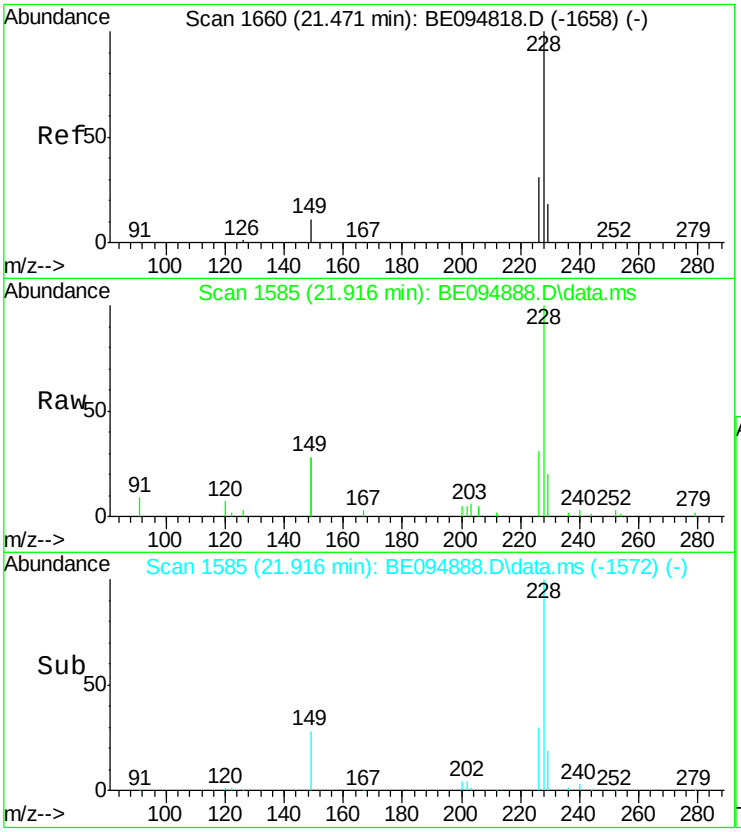


#30
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.854 min Scan# 1581
Delta R.T. -0.016 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:228 Resp: 9182

Ion	Ratio	Lower	Upper
228	100		
226	28.7	40.0	60.0#
229	20.6	40.0	60.0#



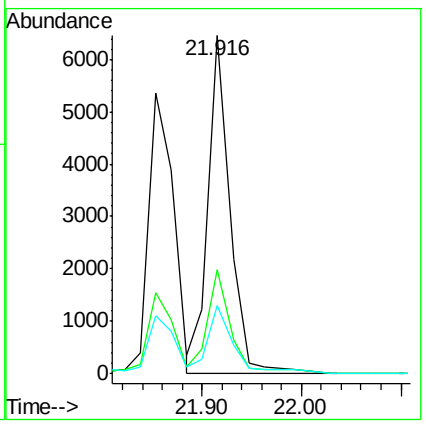


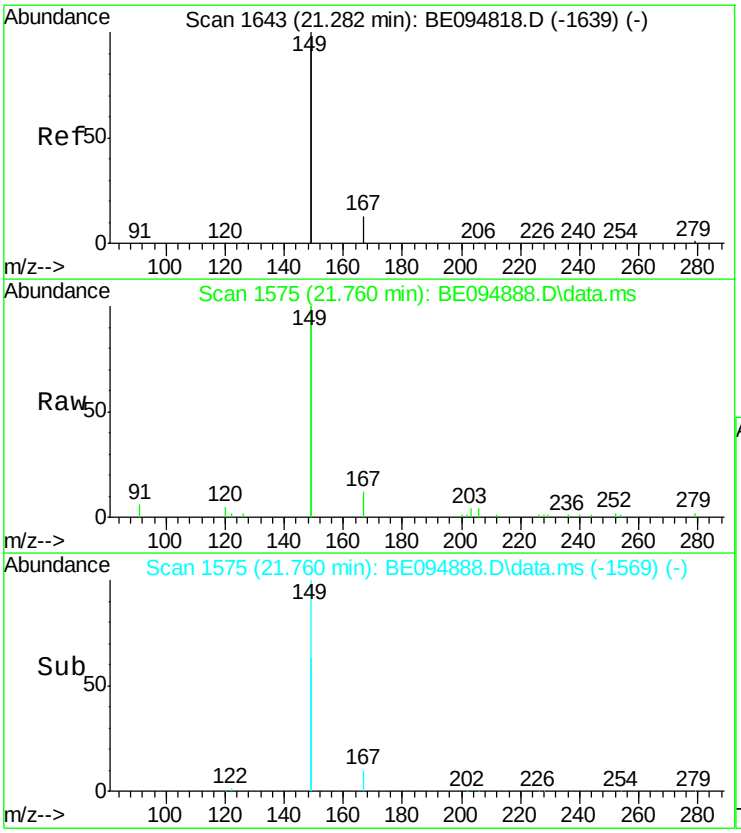
#31
Chrysene
Concen: 0.11 ng
RT: 21.916 min Scan# 15
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 10351

Ion	Ratio	Lower	Upper
228	100		
226	30.8	40.0	60.0#
229	20.0	40.0	60.0#

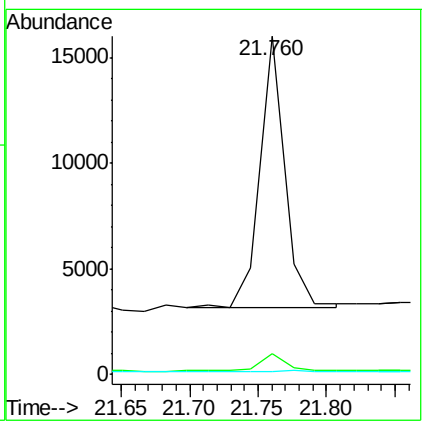


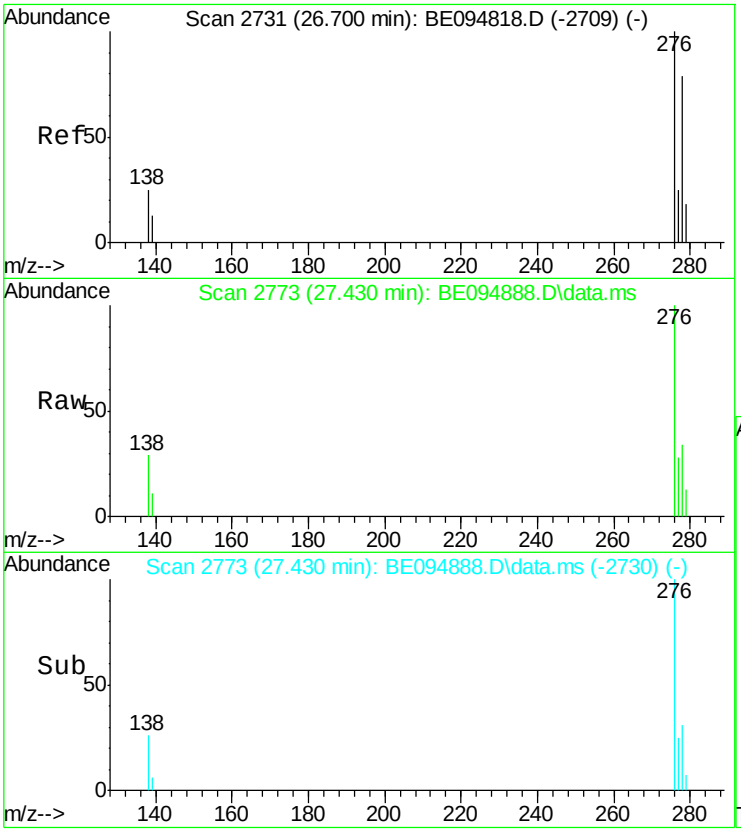


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.07 ng
RT: 21.760 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:149 Resp: 15961

Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.4	8.0
279	0.9	0.7	1.1



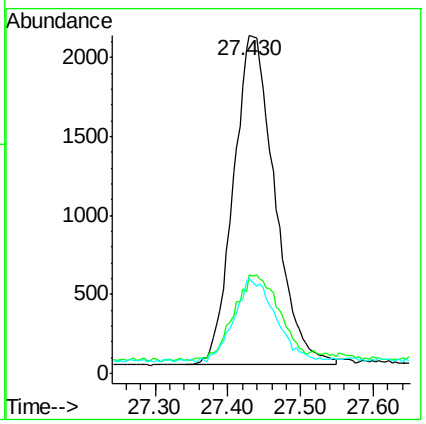


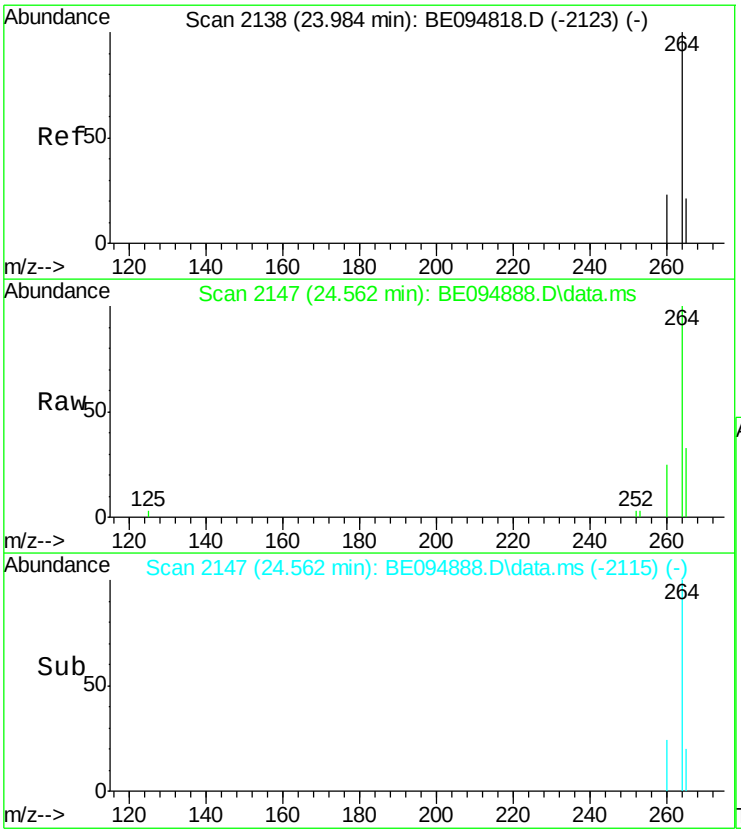
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 27.430 min Scan# 27
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 8236

Ion	Ratio	Lower	Upper
276	100		
138	28.5	22.5	33.7
277	25.1	19.9	29.9

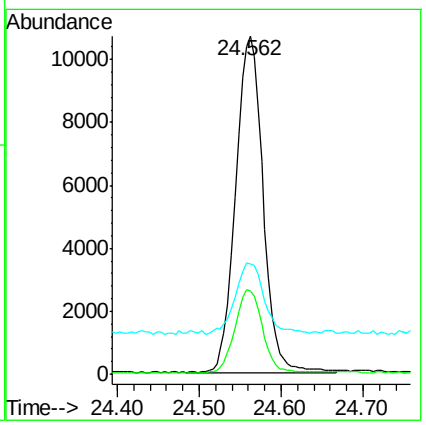


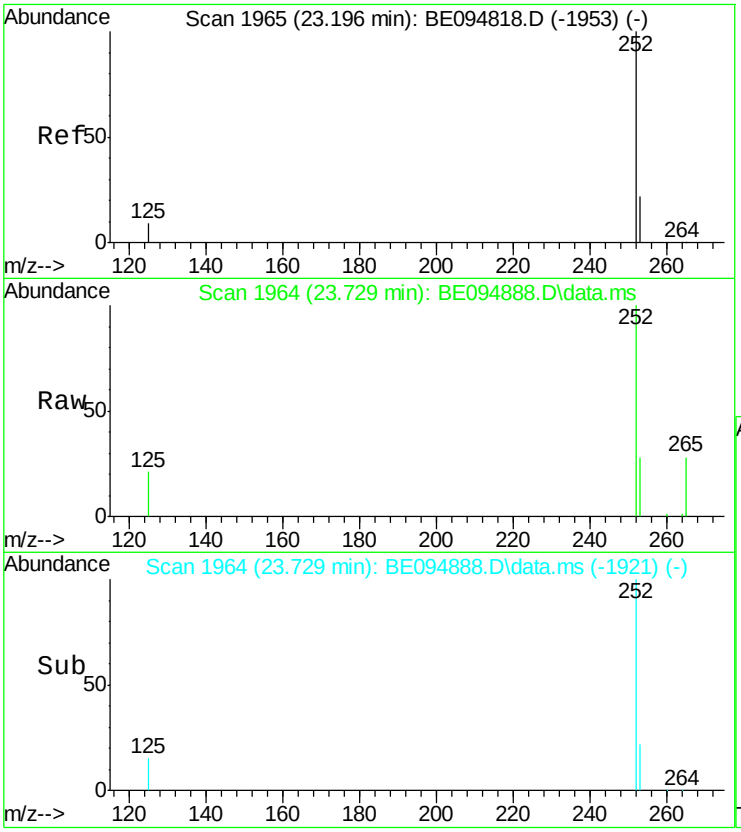


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.562 min Scan# 2147
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:264 Resp: 24598

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.5	30.7
265	32.7	22.8	34.2



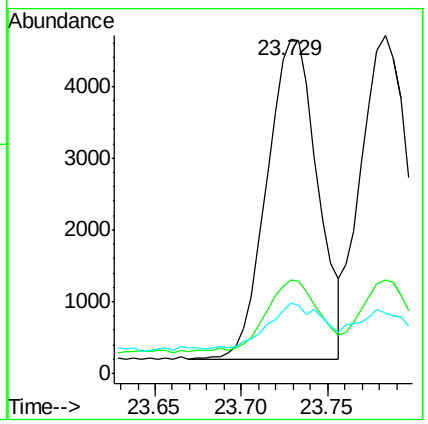


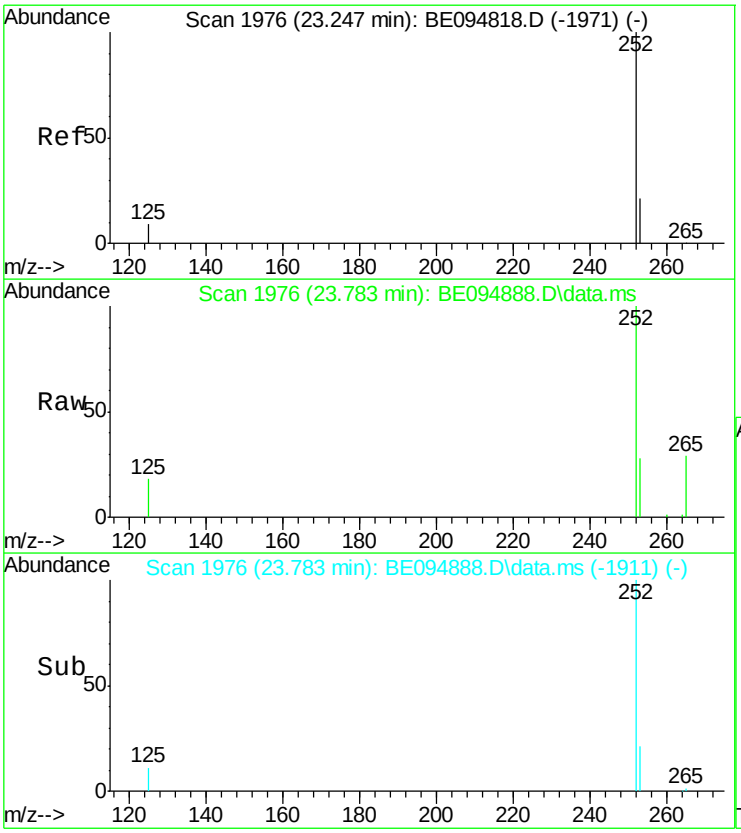
#35
Benzo(b)fluoranthene
Concen: 0.12 ng
RT: 23.729 min Scan# 19
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 9153

Ion	Ratio	Lower	Upper
252	100		
253	28.0	48.0	72.0#
125	21.3	56.0	84.0#

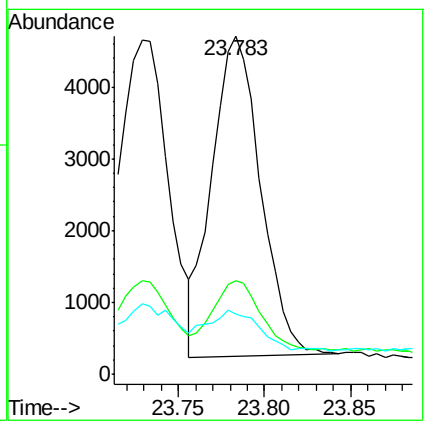


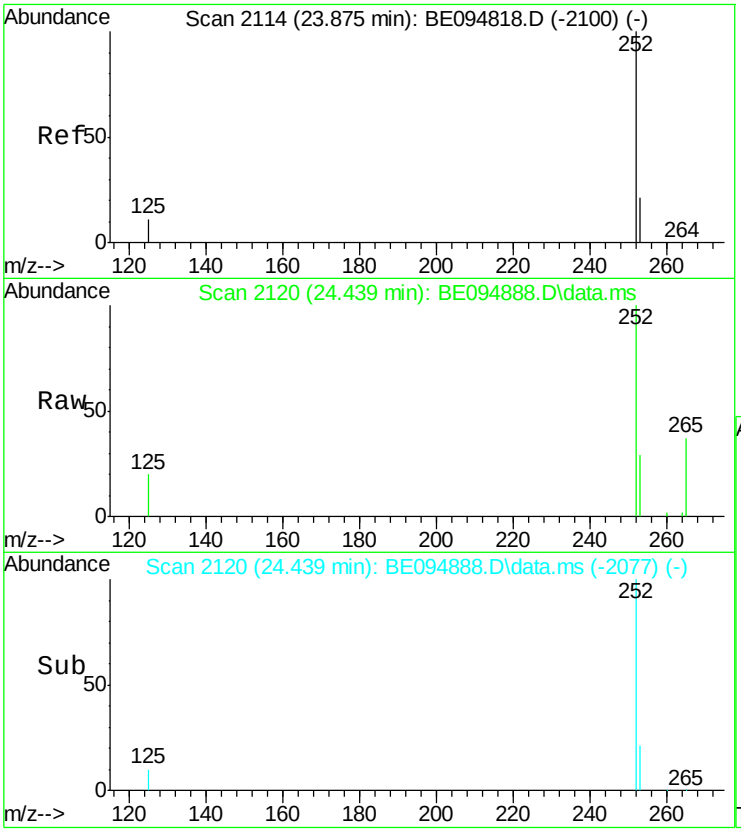


#36
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 23.783 min Scan# 1976
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:252 Resp: 8796

Ion	Ratio	Lower	Upper
252	100		
253	27.7	48.0	72.0#
125	17.9	56.0	84.0#



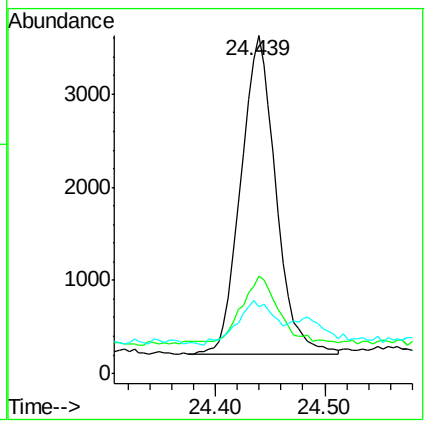


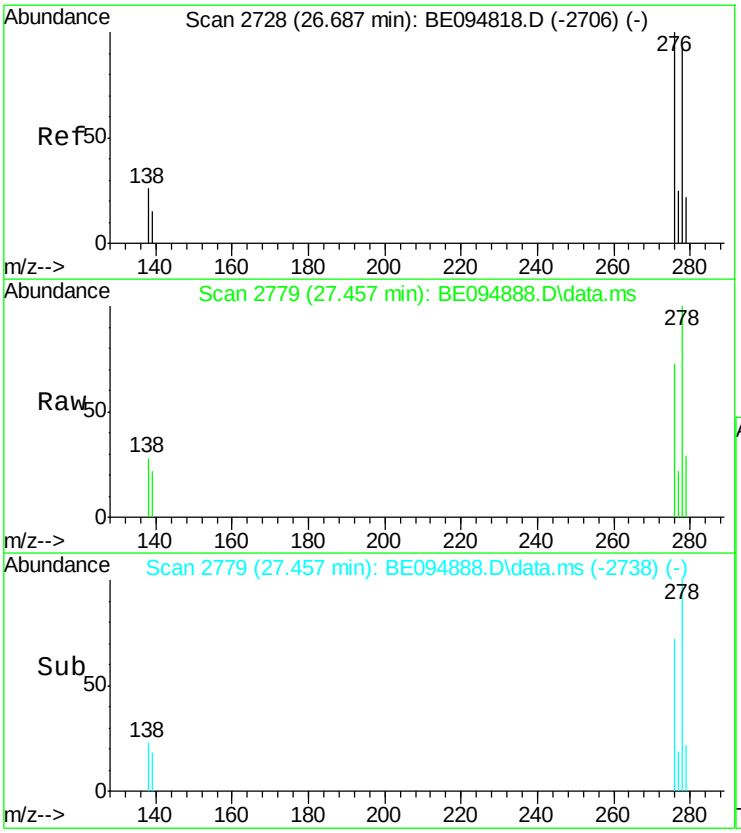
#37
Benzo(a)pyrene
Concen: 0.10 ng
RT: 24.439 min Scan# 21
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 7595

Ion	Ratio	Lower	Upper
252	100		
253	28.7	52.0	78.0#
125	19.6	68.0	102.0#

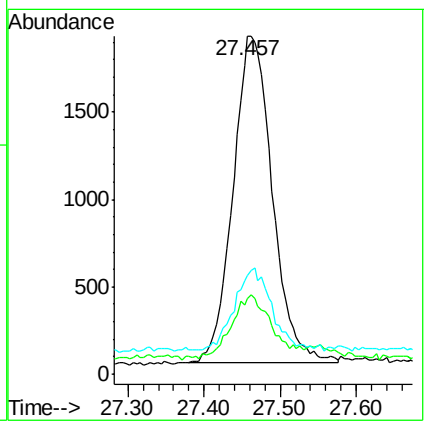


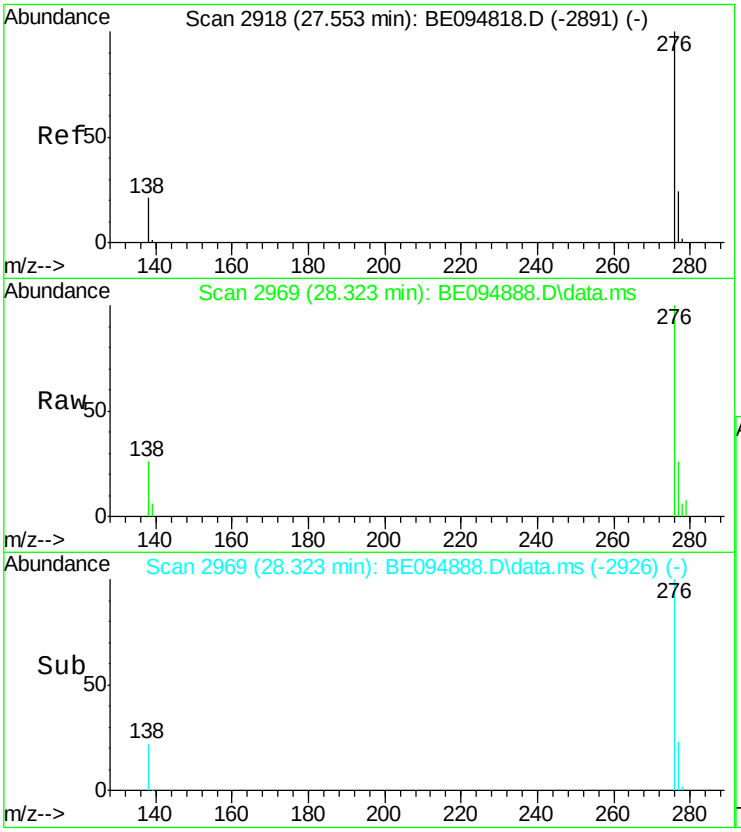


#38
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 27.457 min Scan# 2779
Delta R.T. -0.014 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Tgt Ion:278 Resp: 6713

Ion	Ratio	Lower	Upper
278	100		
139	22.2	56.0	84.0#
279	29.2	52.0	78.0#





#39
Benzo(g,h,i)perylene
Concen: 0.11 ng
RT: 28.323 min Scan# 29
Delta R.T. -0.005 min
Lab File: BE094888.D
Acq: 30 Nov 2017 12:37

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 7015

Ion	Ratio	Lower	Upper
276	100		
277	26.4	52.0	78.0#
138	26.1	44.0	66.0#