Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN030118\
Data File : BN000223.D
Acq On : 01 Mar 2018 18:30
Operator : JU/SJ
Sample : J1161-08
Misc : LOQ 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 08:59:56 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.458	152	5883	0.40	ng		0.00
7) Naphthalene-d8	11.289	136	22050	0.40	ng		# 0.00
13) Acenaphthene-d10	15.058	164	11095	0.40	ng		0.00
19) Phenanthrene-d10	17.780	188	25926	0.40	ng		# 0.00
27) Chrysene-d12	21.894	240	19951	0.40	ng		# 0.00
34) Perylene-d12	24.366	264	16104	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.929	112	3847	0.31	ng		0.00
5) Phenol-d6	7.572	99	4757	0.30	ng		0.00
8) Nitrobenzene-d5	9.629	82	3819	0.29	ng		0.00
11) 2-Methylnaphthalene-d10	12.848	152	10750	0.32	ng		0.00
14) 2,4,6-Tribromophenol	16.536	330	1011	0.29	ng		0.00
15) 2-Fluorobiphenyl	13.694	172	16923	0.32	ng		0.00
25) Fluoranthene-d10	19.771	212	20062	0.29	ng		0.00
29) Terphenyl-d14	20.333	244	12219	0.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	1116	0.18	ng		94
3) n-Nitrosodimethylamine	4.036	42	456	0.18	ng	#	94
6) bis(2-Chloroethyl)ether	7.854	93	3372	0.17	ng		99
9) Naphthalene	11.340	128	11137	0.17	ng		96
10) Hexachlorobutadiene	11.616	225	1851	0.17	ng		99
12) 2-Methylnaphthalene	12.919	142	7123	0.17	ng		99
16) Acenaphthylene	14.785	152	7766	0.15	ng		100
17) Acenaphthene	15.118	154	6865	0.17	ng		96
18) Fluorene	16.090	166	8424	0.16	ng	#	79
20) 4-Bromophenyl-phenylether	16.961	248	2332	0.16	ng	#	67
21) Hexachlorobenzene	17.089	284	3261	0.16	ng		96
22) Pentachlorophenol	17.429	266	571	0.19	ng		94
23) Phenanthrene	17.822	178	14739	0.16	ng		98
24) Anthracene	17.907	178	10013	0.14	ng		95
26) Fluoranthene	19.801	202	14148	0.15	ng	#	96
28) Pyrene	20.153	202	14321	0.18	ng		99
30) Benzo(a)anthracene	21.873	228	10032	0.16	ng		97
31) Chrysene	21.926	228	12731	0.17	ng		98
32) Bis(2-ethylhexyl)phtha...	21.756	149	3958	0.17	ng	#	99
33) Indeno(1,2,3-cd)pyrene	26.919	276	10795	0.16	ng	#	90
35) Benzo(b)fluoranthene	23.609	252	12601	0.17	ng		99
36) Benzo(k)fluoranthene	23.660	252	11843	0.16	ng	#	82
37) Benzo(a)pyrene	24.256	252	9305	0.16	ng	#	79
38) Dibenzo(a,h)anthracene	26.929	278	8323	0.16	ng	#	88
39) Benzo(g,h,i)perylene	27.703	276	10328	0.16	ng	#	83

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN030118\
Data File : BN000223.D
Acq On : 01 Mar 2018 18:30
Operator : JU/SJ
Sample : J1161-08
Misc : LOQ 0.2 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 25 10:49:04 2015
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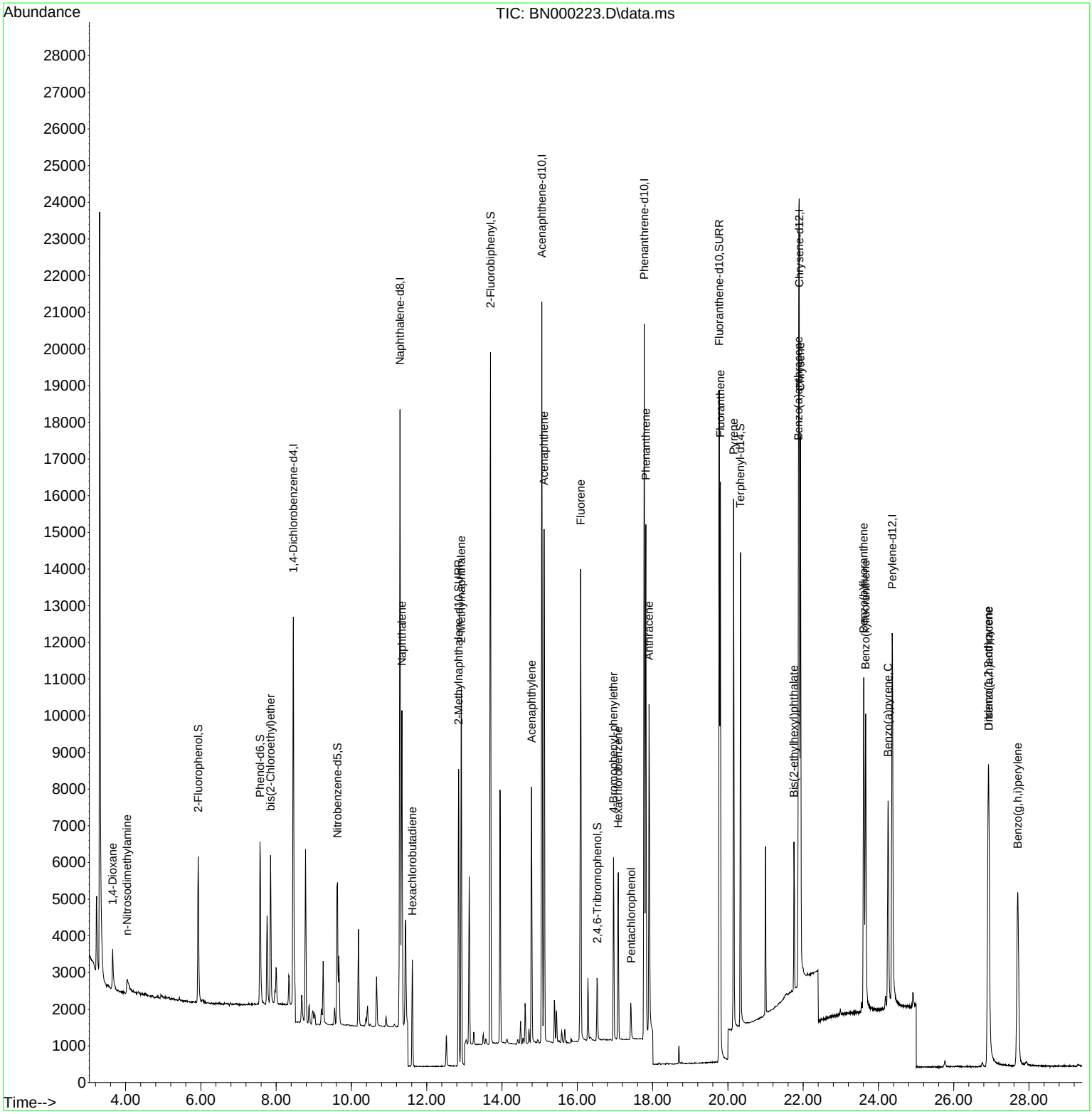
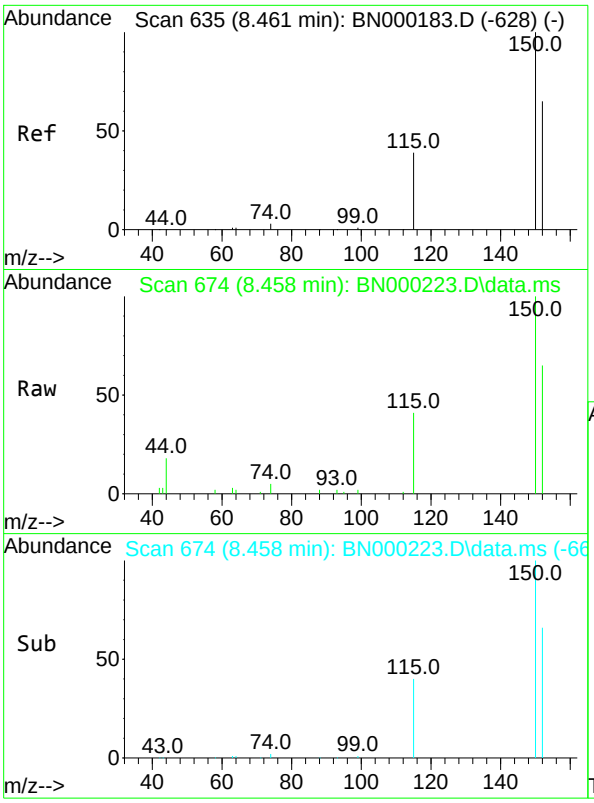


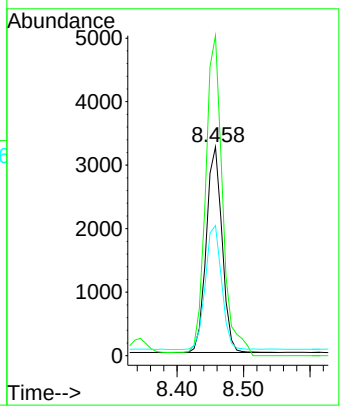
Instrument :
BNA_N
ClientSampleId :

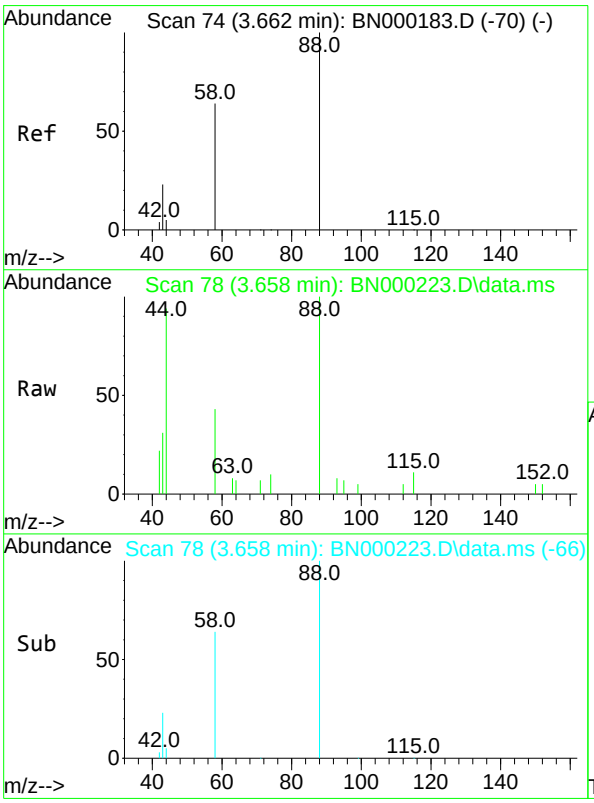


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.458 min Scan# 674
Delta R.T. -0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:152 Resp: 5883

Ion	Ratio	Lower	Upper
152	100		
150	153.3	117.2	175.8
115	62.3	57.0	85.6

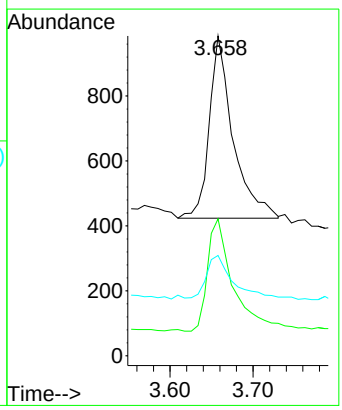


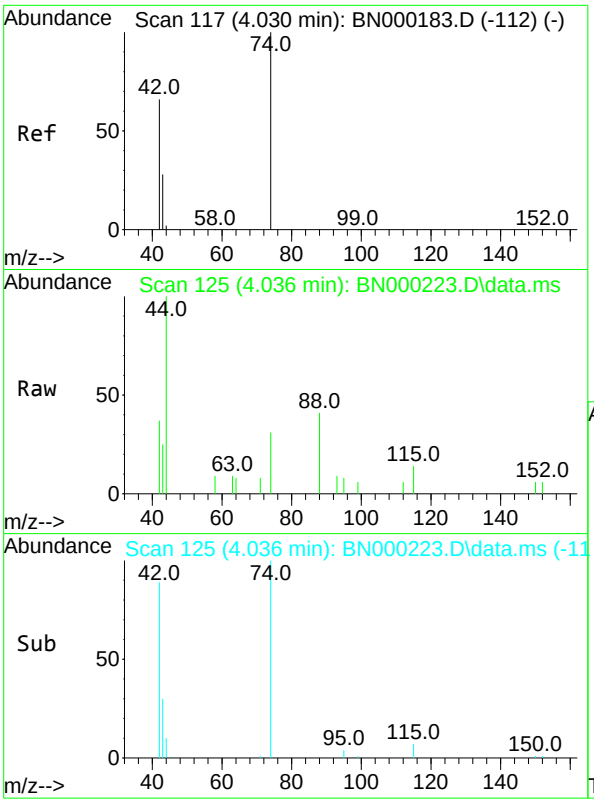


#2
1,4-Dioxane
Concen: 0.18 ng
RT: 3.658 min Scan# 78
Delta R.T. -0.004 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 88 Resp: 1116

Ion	Ratio	Lower	Upper
88	100		
58	65.9	48.0	72.0
43	25.4	20.0	30.0

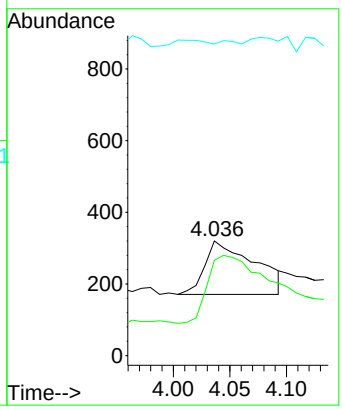




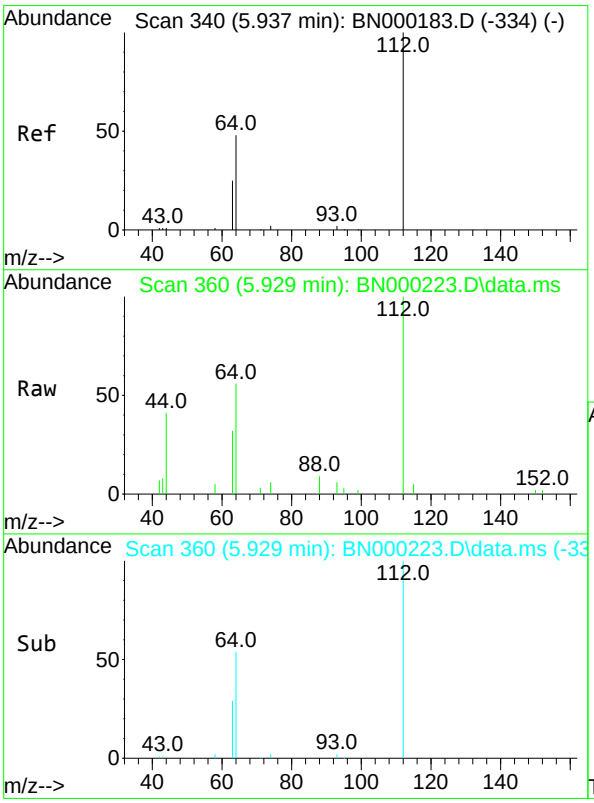
#3
n-Nitrosodimethylamine
Concen: 0.18 ng
RT: 4.036 min Scan# 125
Delta R.T. 0.007 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 42 Resp: 456

Ion	Ratio	Lower	Upper
42	100		
74	142.5	120.0	180.0
44	0.0	4.0	6.0#



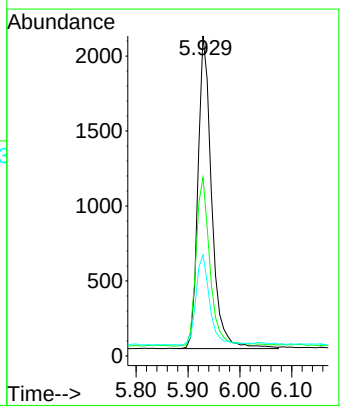
Instrument :
BNA_N
ClientSampleId :

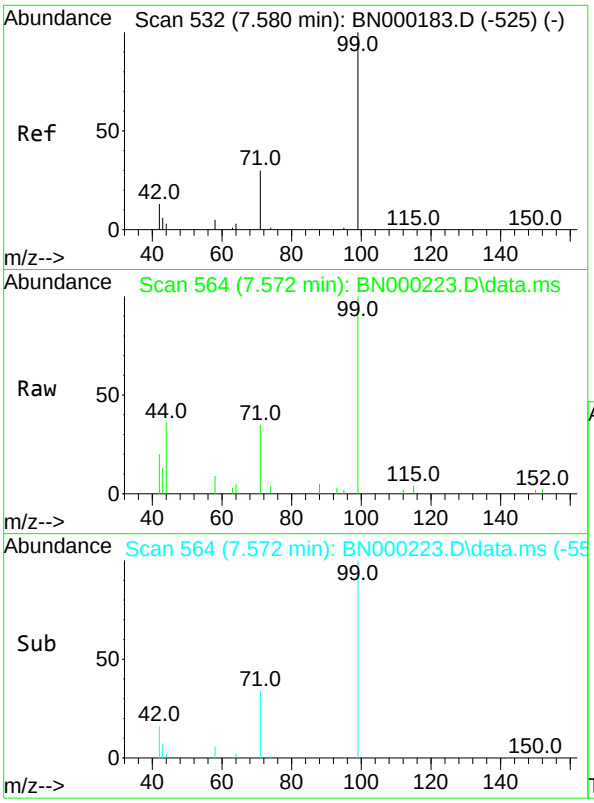


#4
2-Fluorophenol
Concen: 0.31 ng
RT: 5.929 min Scan# 360
Delta R.T. -0.009 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:112 Resp: 3847

Ion	Ratio	Lower	Upper
112	100		
64	55.5	60.1	90.1#
63	28.4	116.8	175.2#

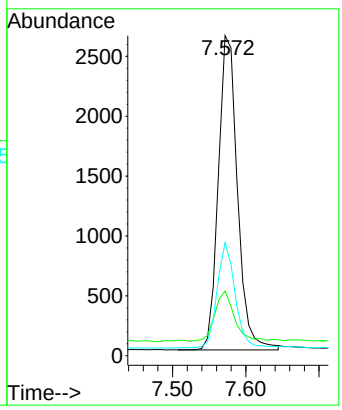




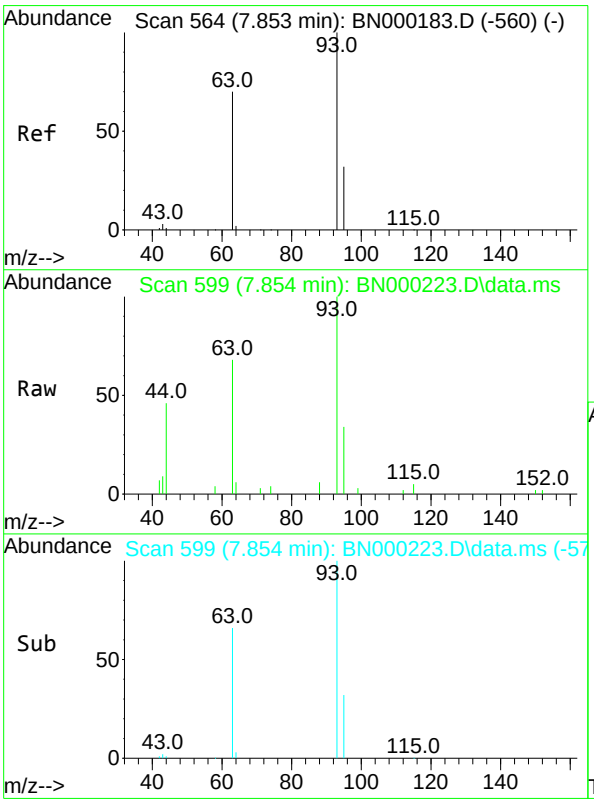
#5
Phenol-d6
Concen: 0.30 ng
RT: 7.572 min Scan# 564
Delta R.T. -0.008 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 99 Resp: 4757

Ion	Ratio	Lower	Upper
99	100		
42	16.5	20.2	30.2#
71	31.6	28.4	42.6



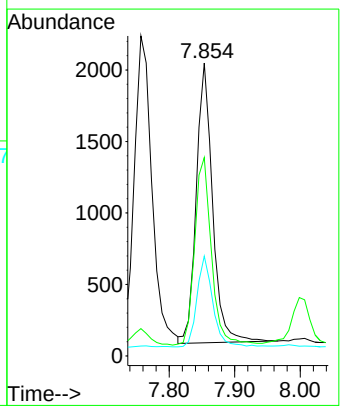
Instrument :
BNA_N
ClientSampleId :



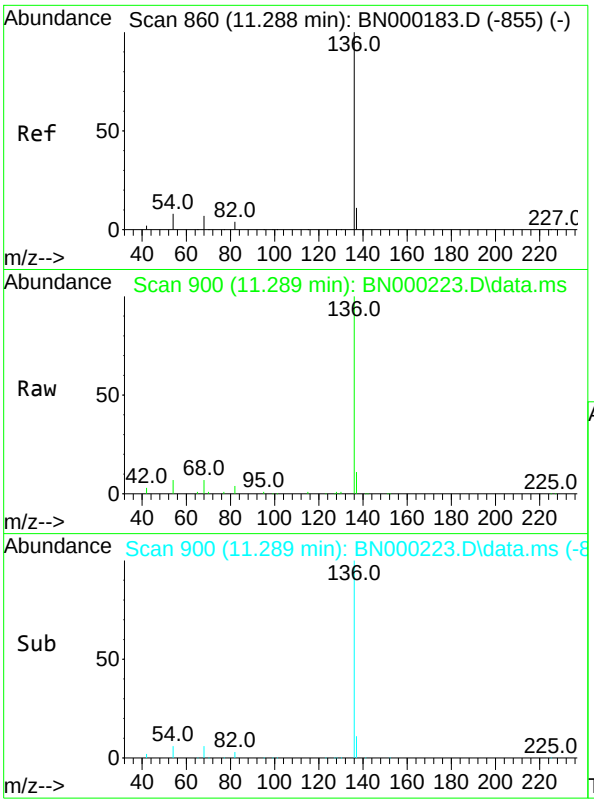
#6
bis(2-Chloroethyl)ether
Concen: 0.17 ng
RT: 7.854 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 93 Resp: 3372

Ion	Ratio	Lower	Upper
93	100		
63	69.2	56.0	84.0
95	31.7	25.2	37.8



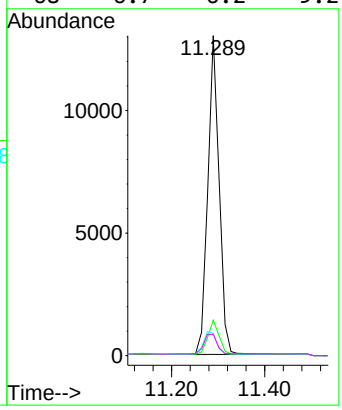
Instrument :
BNA_N
ClientSampleId :

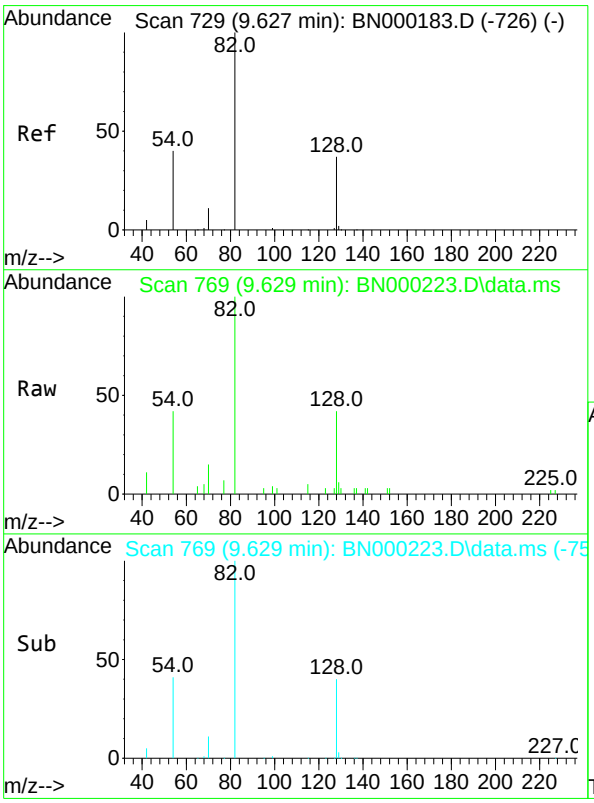


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.289 min Scan# 900
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:136 Resp: 22050

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	6.9	29.1	43.7#
68	6.7	6.2	9.2

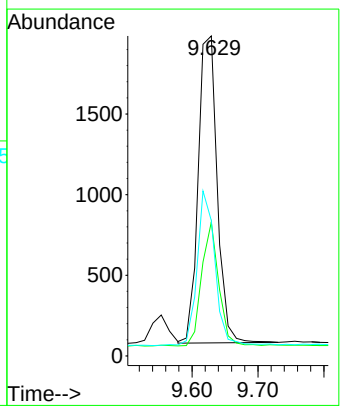




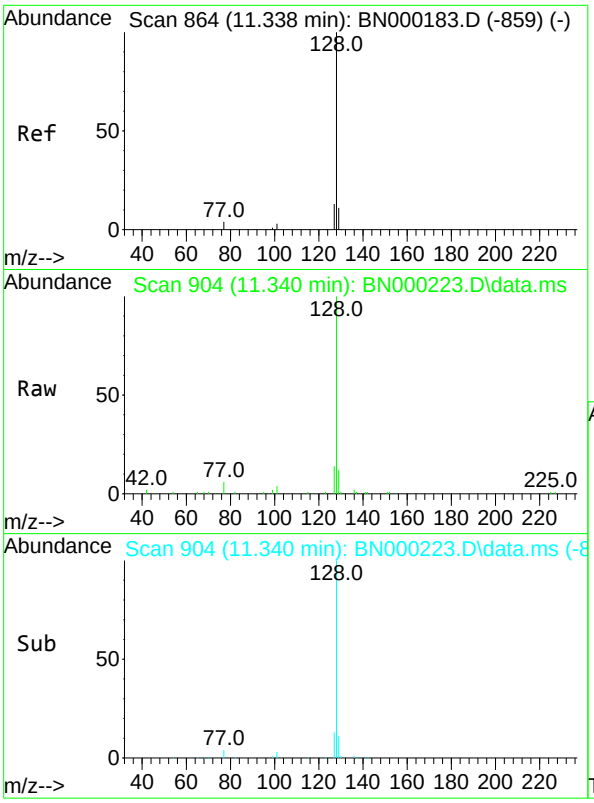
#8
Nitrobenzene-d5
Concen: 0.29 ng
RT: 9.629 min Scan# 769
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion: 82 Resp: 3819

Ion	Ratio	Lower	Upper
82	100		
128	41.8	150.0	225.0#
54	42.3	154.2	231.4#



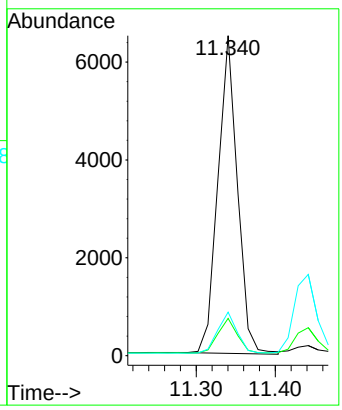
Instrument :
BNA_N
ClientSampleId :

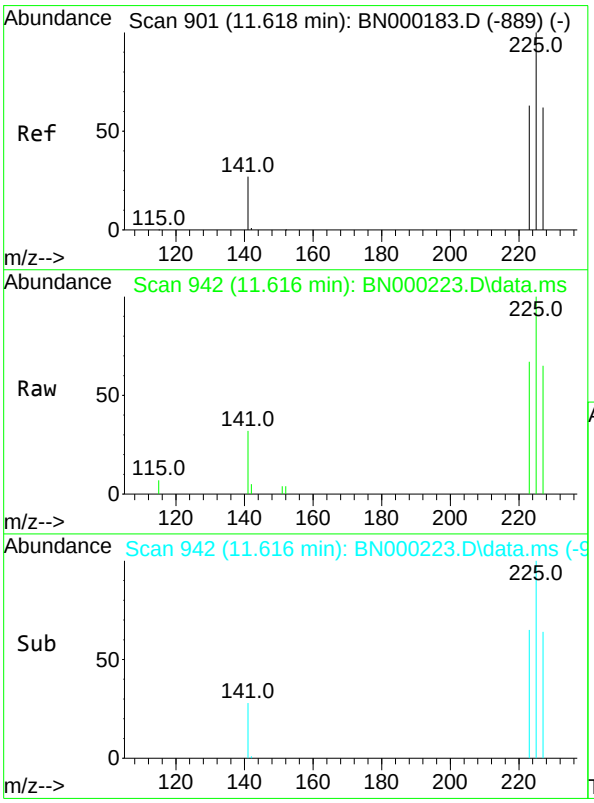


#9
Naphthalene
Concen: 0.17 ng
RT: 11.340 min Scan# 904
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:128 Resp: 11137

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.0	12.0
127	13.6	9.6	14.4

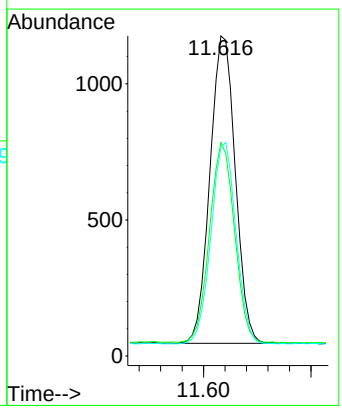


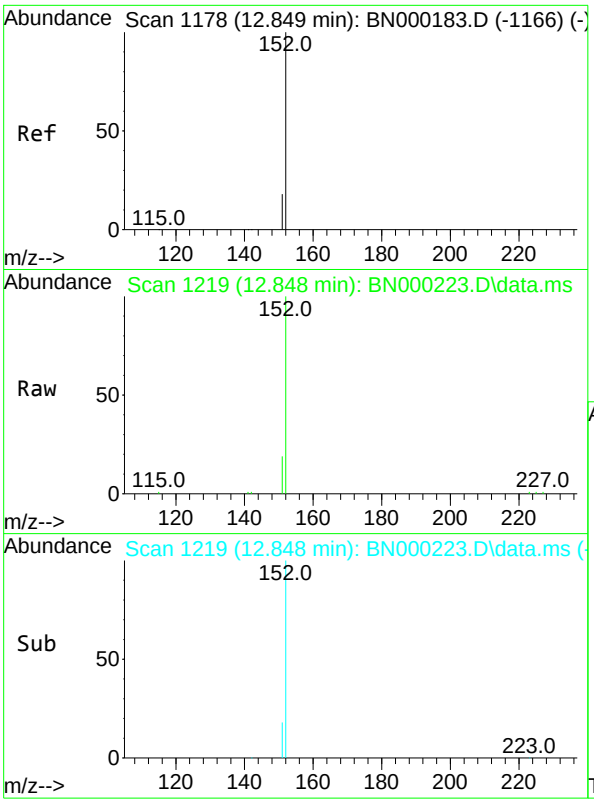


#10
Hexachlorobutadiene
Concen: 0.17 ng
RT: 11.616 min Scan# 942
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:225 Resp: 1851

Ion	Ratio	Lower	Upper
225	100		
223	64.5	53.0	79.6
227	64.7	51.4	77.2

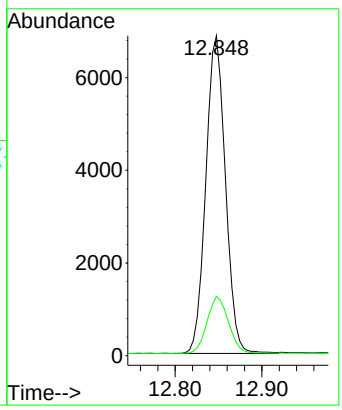




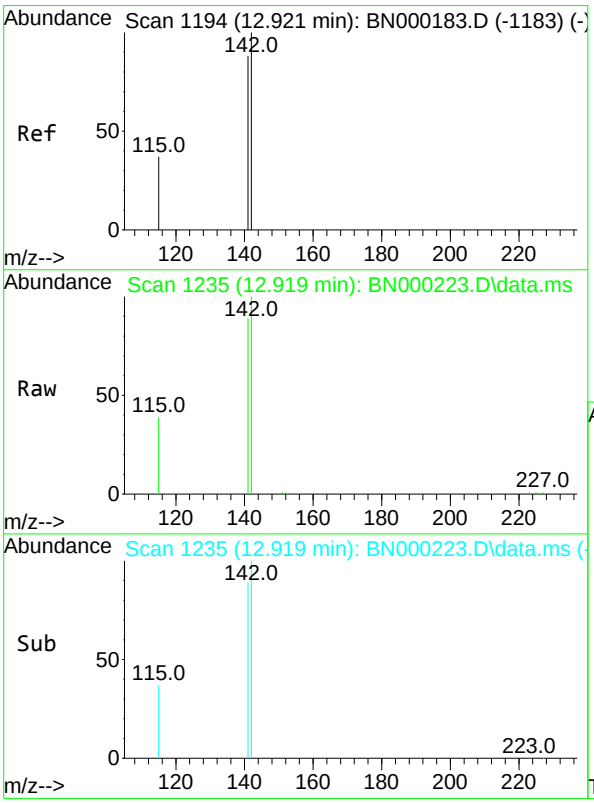
#11
2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.848 min Scan# 1219
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:152 Resp: 10750

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.4	23.0



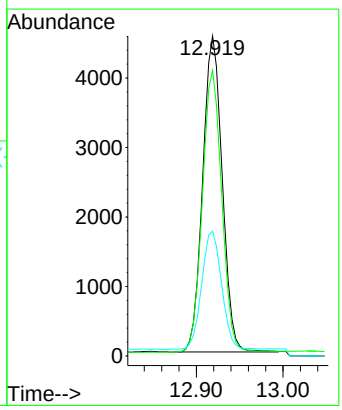
Instrument :
BNA_N
ClientSampleId :



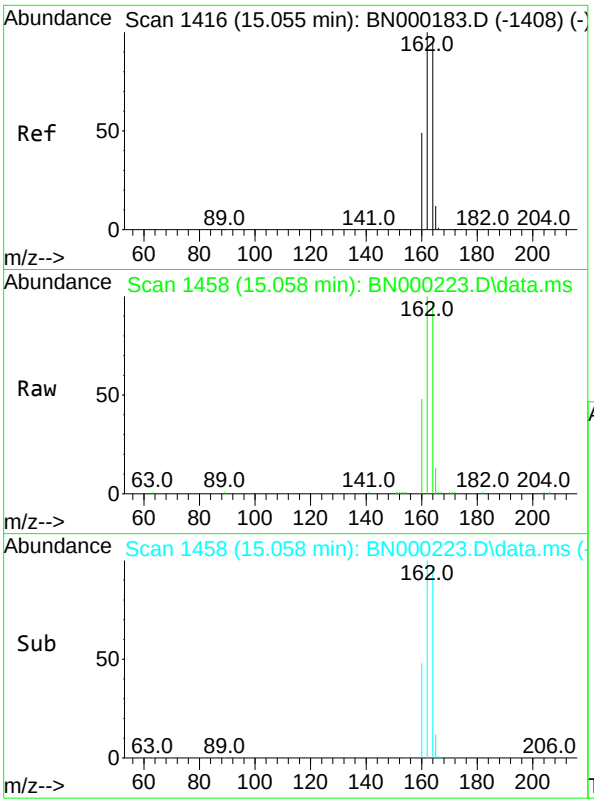
#12
2-Methylnaphthalene
Concen: 0.17 ng
RT: 12.919 min Scan# 1235
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:142 Resp: 7123

Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	39.0	31.7	47.5



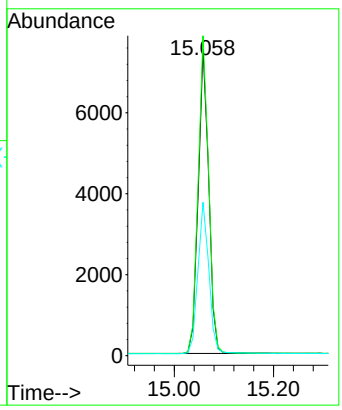
Instrument :
BNA_N
ClientSampleId :

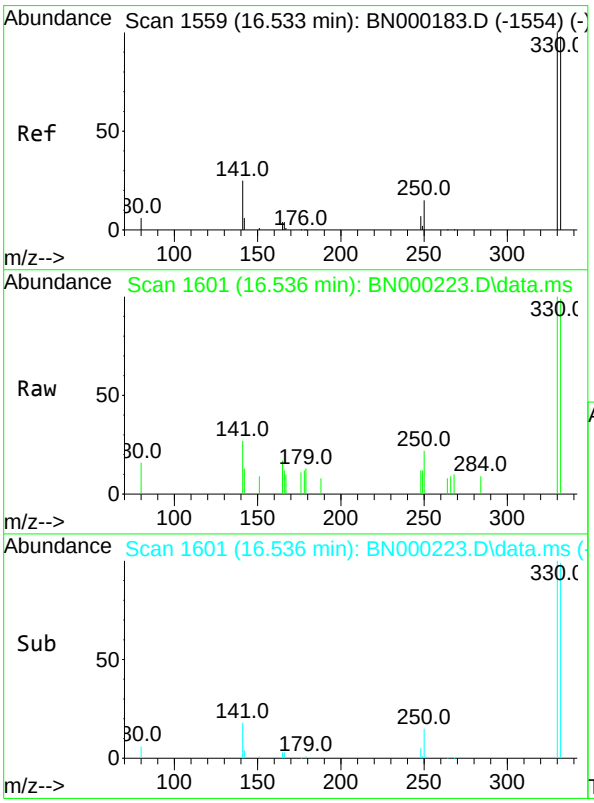


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.058 min Scan# 1458
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:164 Resp: 11095

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.1	124.7
160	50.0	37.1	55.7

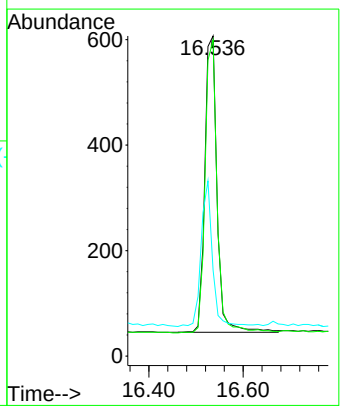




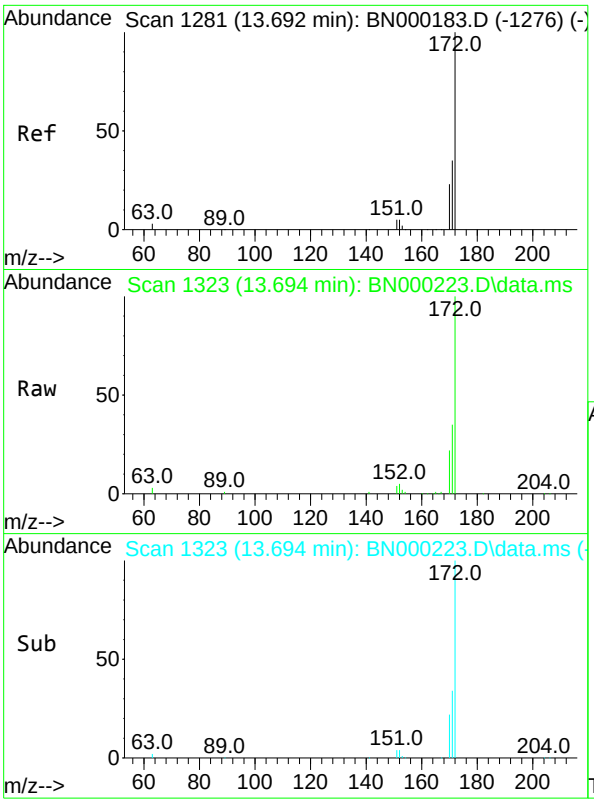
#14
2,4,6-Tribromophenol
Concen: 0.29 ng
RT: 16.536 min Scan# 1601
Delta R.T. 0.004 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:330 Resp: 1011

Ion	Ratio	Lower	Upper
330	100		
332	97.1	152.7	229.1#
141	45.7	33.7	50.5



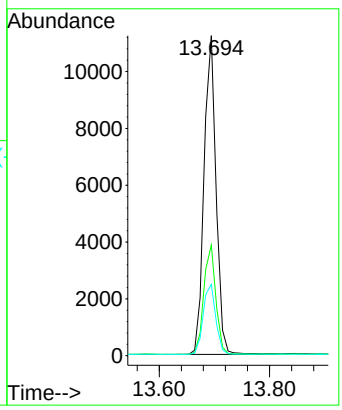
Instrument :
BNA_N
ClientSampleId :

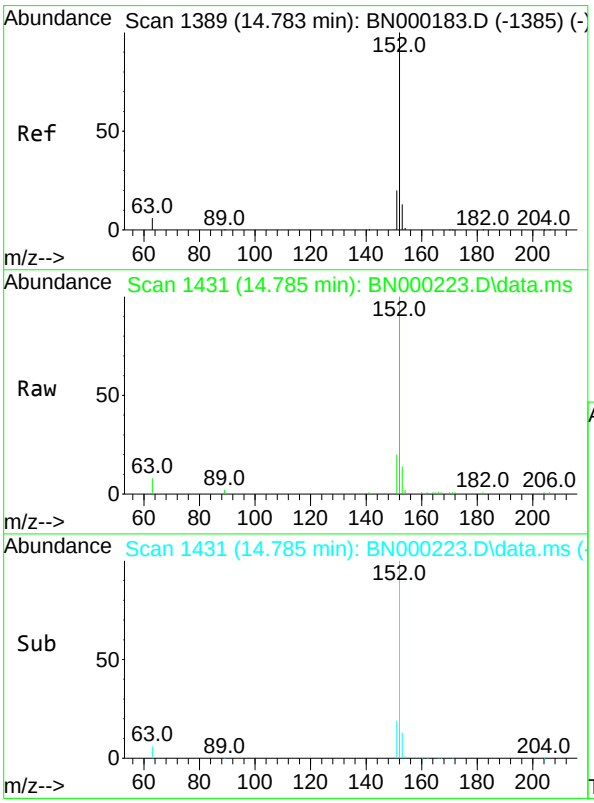


#15
2-Fluorobiphenyl
Concen: 0.32 ng
RT: 13.694 min Scan# 1323
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:172 Resp: 16923

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.9	44.9
170	22.3	21.8	32.8

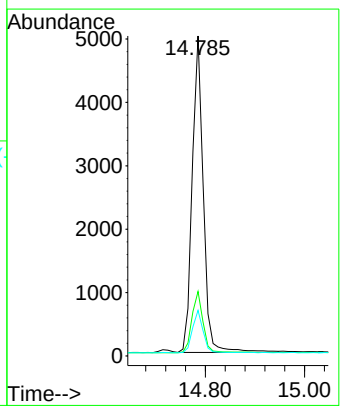




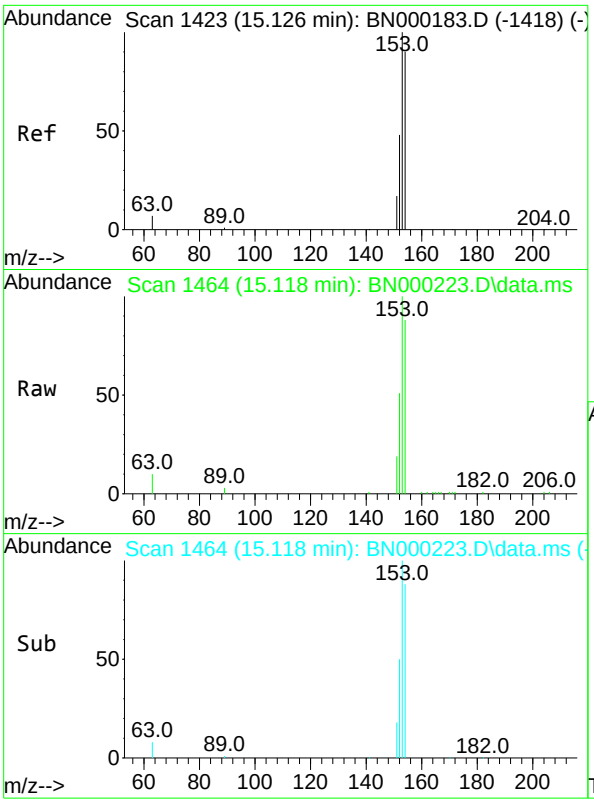
#16
Acenaphthylene
Concen: 0.15 ng
RT: 14.785 min Scan# 1431
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:152 Resp: 7766

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



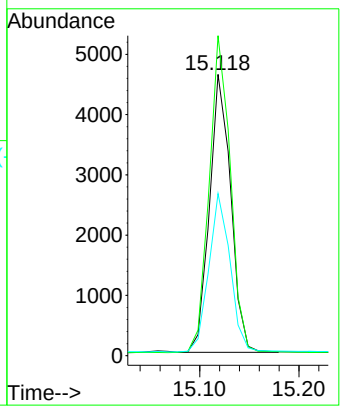
Instrument :
BNA_N
ClientSampleId :

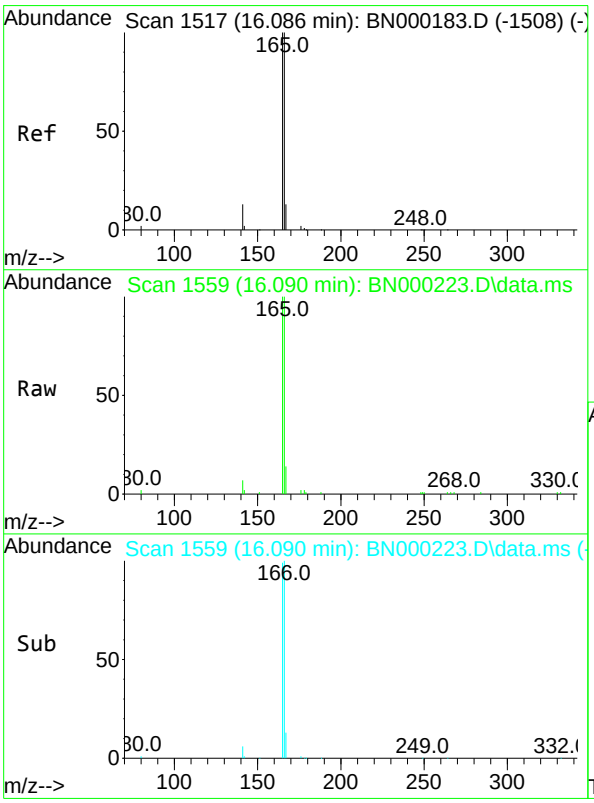


#17
Acenaphthene
Concen: 0.17 ng
RT: 15.118 min Scan# 1464
Delta R.T. -0.007 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:154 Resp: 6865

Ion	Ratio	Lower	Upper
154	100		
153	113.9	89.2	133.8
152	57.3	42.0	63.0

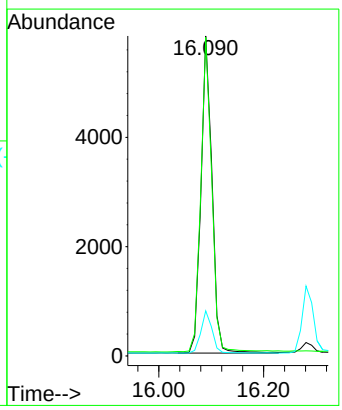




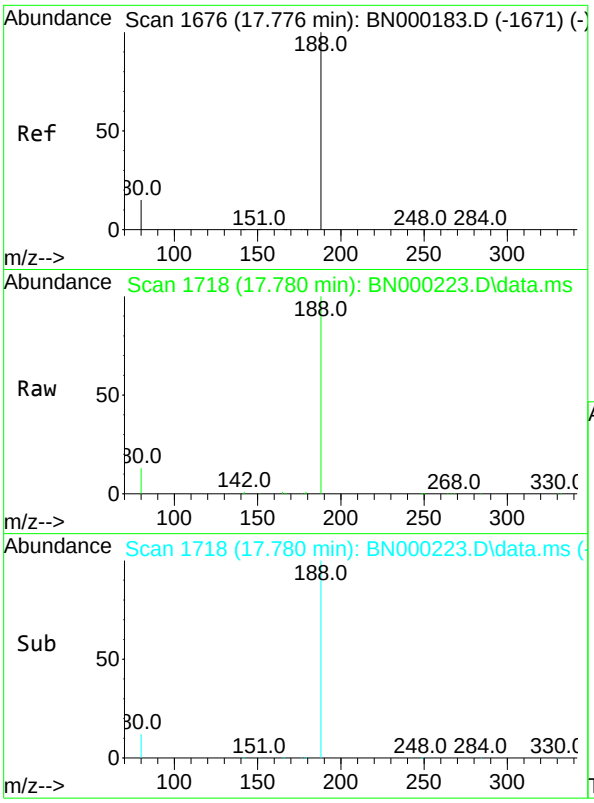
#18
Fluorene
Concen: 0.16 ng
RT: 16.090 min Scan# 1559
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:166 Resp: 8424

Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.8	116.6
167	13.5	42.4	63.6#



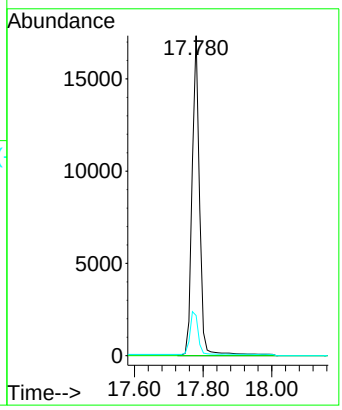
Instrument :
BNA_N
ClientSampleId :

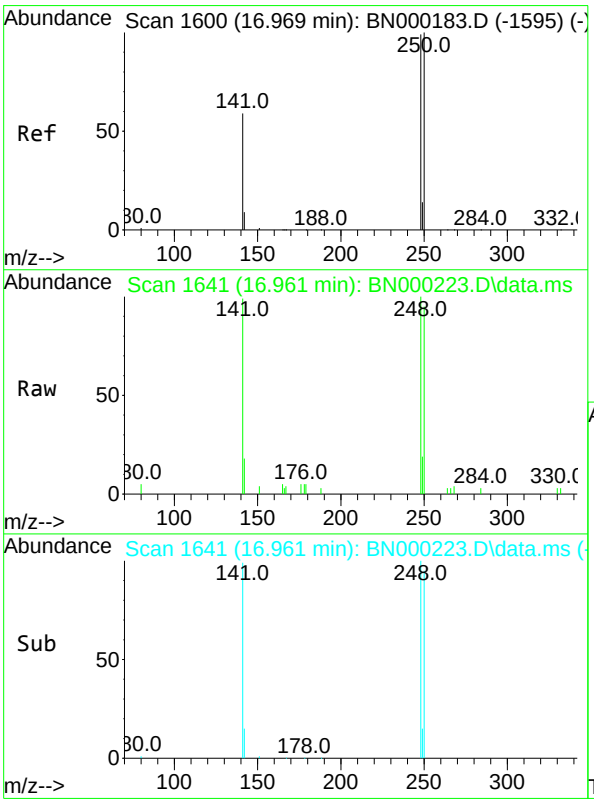


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.780 min Scan# 1718
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:188 Resp: 25926

Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	12.5	3.6	5.4#

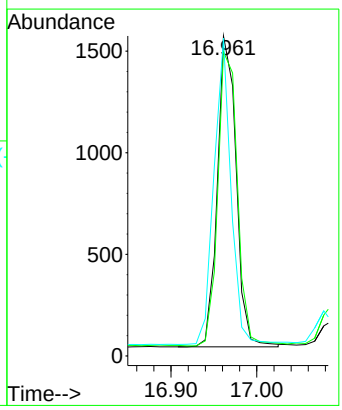




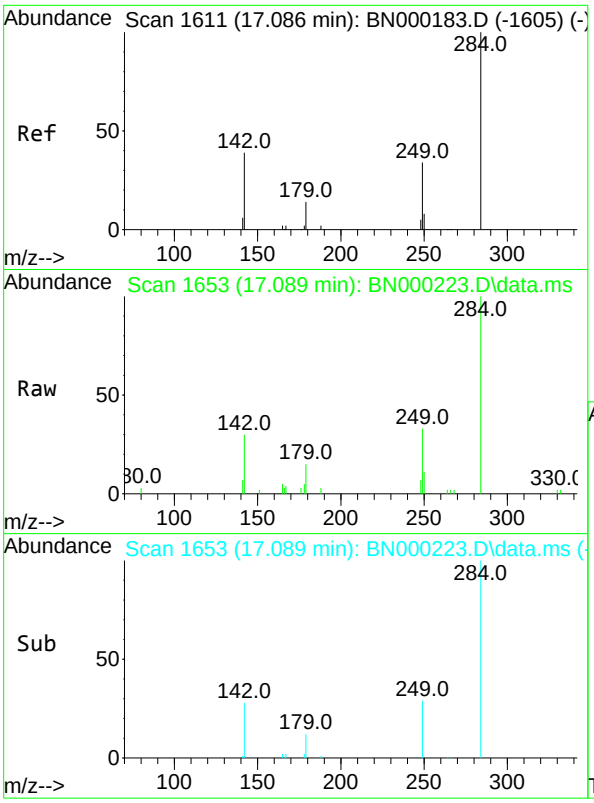
#20
4-Bromophenyl-phenylether
Concen: 0.16 ng
RT: 16.961 min Scan# 1641
Delta R.T. -0.007 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:248 Resp: 2332

Ion	Ratio	Lower	Upper
248	100		
250	95.1	62.7	94.1#
141	99.3	48.2	72.2#



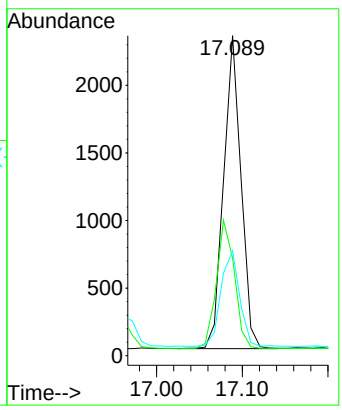
Instrument :
BNA_N
ClientSampleId :

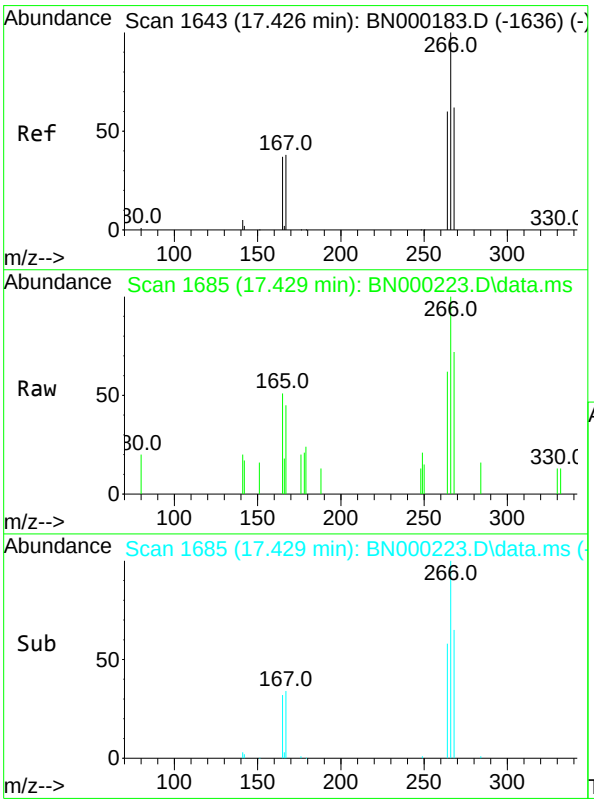


#21
Hexachlorobenzene
Concen: 0.16 ng
RT: 17.089 min Scan# 1653
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:284 Resp: 3261

Ion	Ratio	Lower	Upper
284	100		
142	42.3	32.0	48.0
249	32.8	24.0	36.0

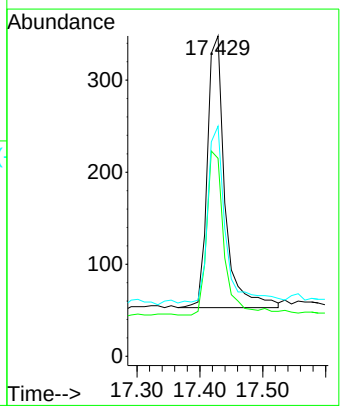




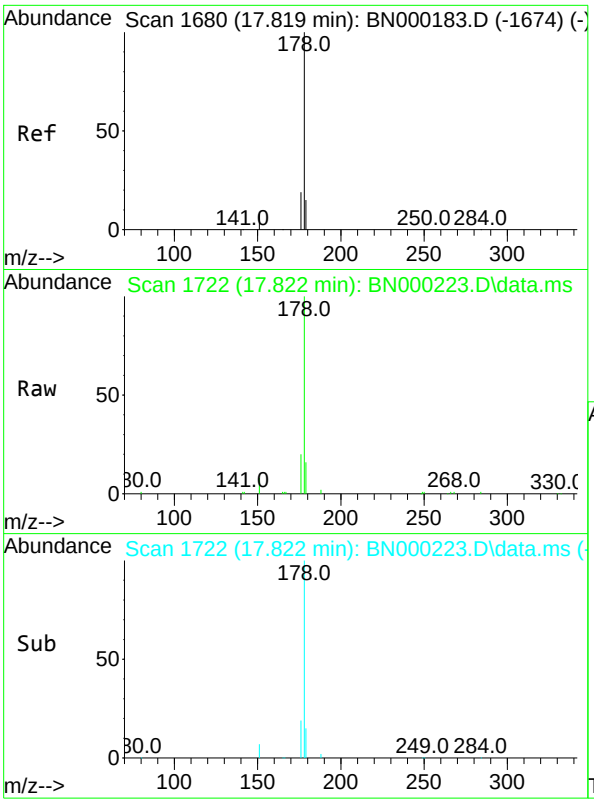
#22
Pentachlorophenol
Concen: 0.19 ng
RT: 17.429 min Scan# 1685
Delta R.T. 0.004 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:266 Resp: 571

Ion	Ratio	Lower	Upper
266	100		
264	61.8	48.0	72.0
268	71.8	52.0	78.0



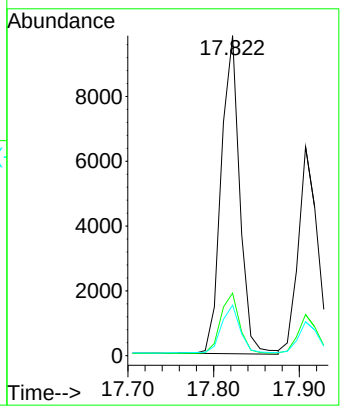
Instrument :
BNA_N
ClientSampleId :

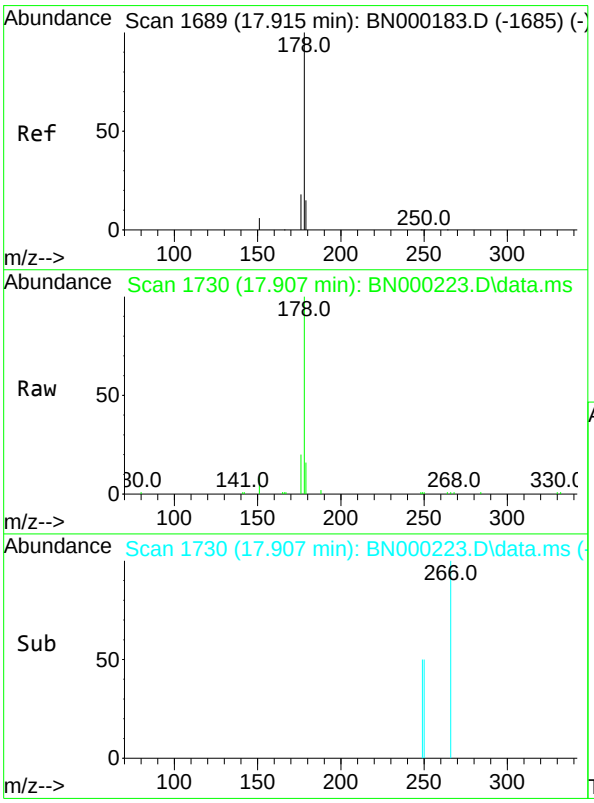


#23
Phenanthrene
Concen: 0.16 ng
RT: 17.822 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:178 Resp: 14739

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.6	11.8	17.6

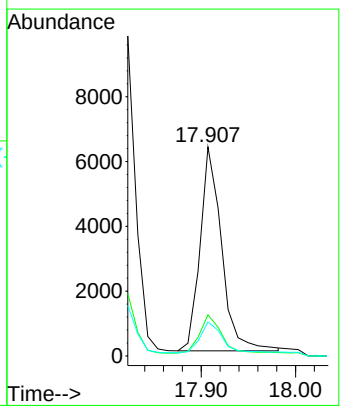


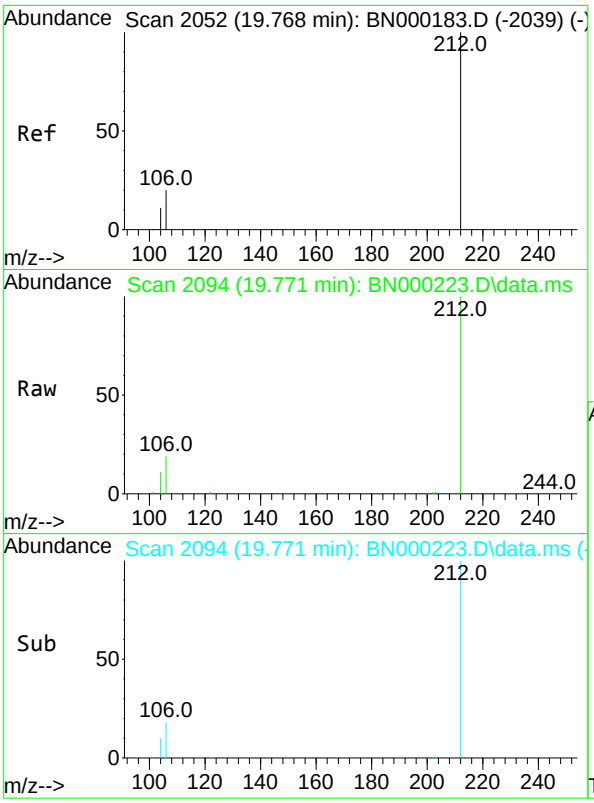


#24
Anthracene
Concen: 0.14 ng
RT: 17.907 min Scan# 1730
Delta R.T. -0.007 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:178 Resp: 10013

Ion	Ratio	Lower	Upper
178	100		
176	19.0	12.8	19.2
179	15.2	13.0	19.6

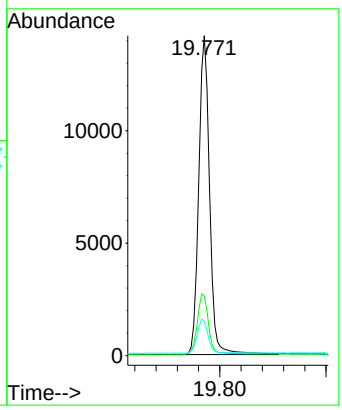




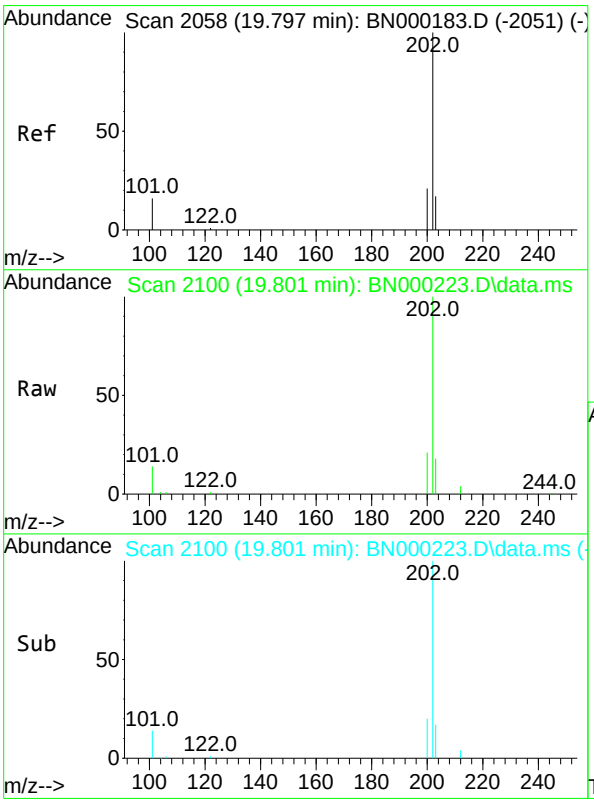
#25
Fluoranthene-d10
Concen: 0.29 ng
RT: 19.771 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:212 Resp: 20062

Ion	Ratio	Lower	Upper
212	100		
106	19.4	2.8	4.2#
104	10.7	1.6	2.4#



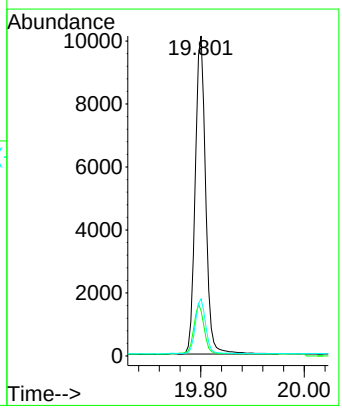
Instrument :
BNA_N
ClientSampleId :

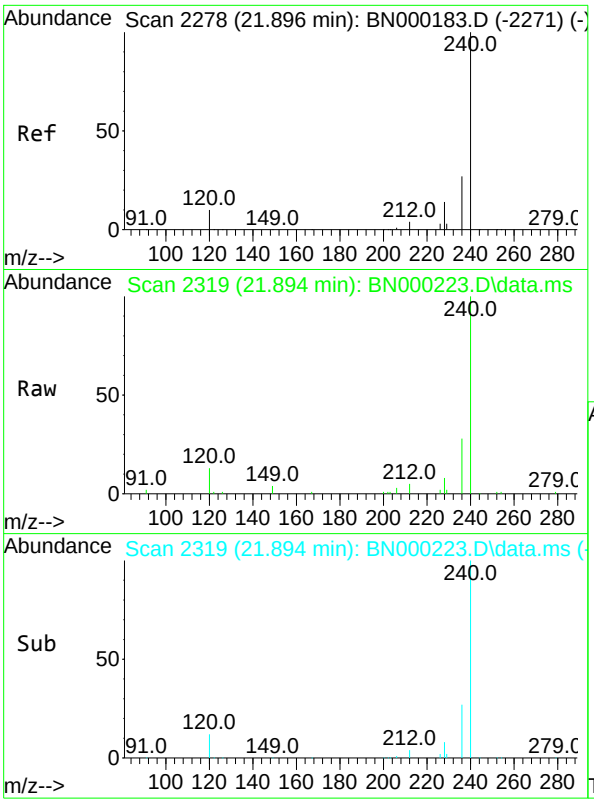


#26
Fluoranthene
Concen: 0.15 ng
RT: 19.801 min Scan# 2100
Delta R.T. 0.003 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:202 Resp: 14148

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	16.8	13.7	20.5

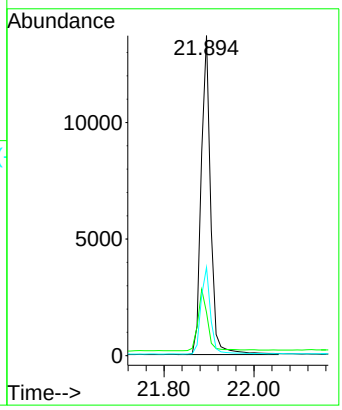




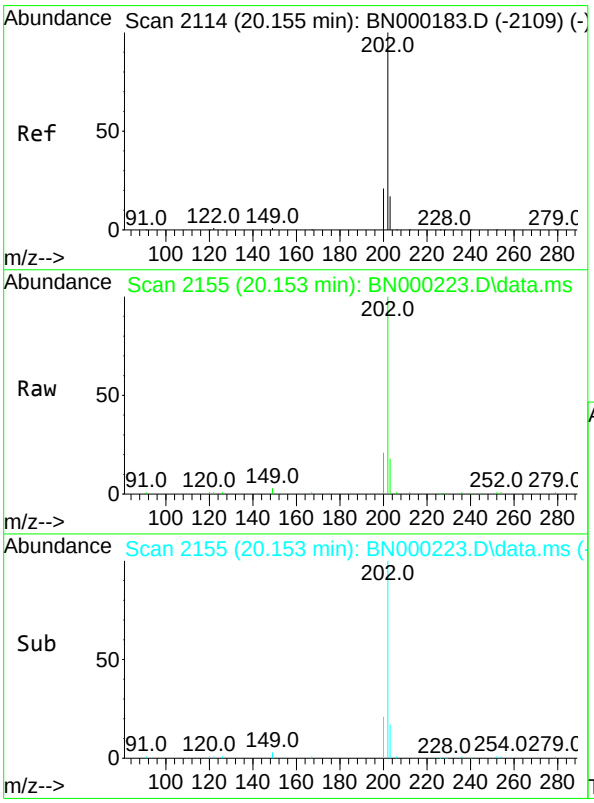
#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.894 min Scan# 2319
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:240 Resp: 19951

Ion	Ratio	Lower	Upper
240	100		
120	13.5	5.5	8.3#
236	27.6	20.7	31.1



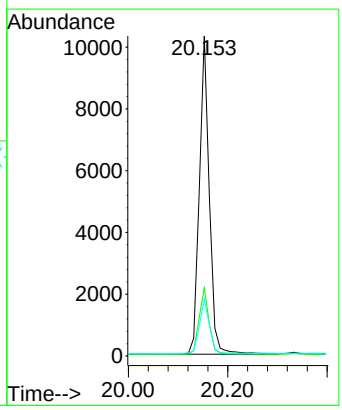
Instrument :
BNA_N
ClientSampleId :



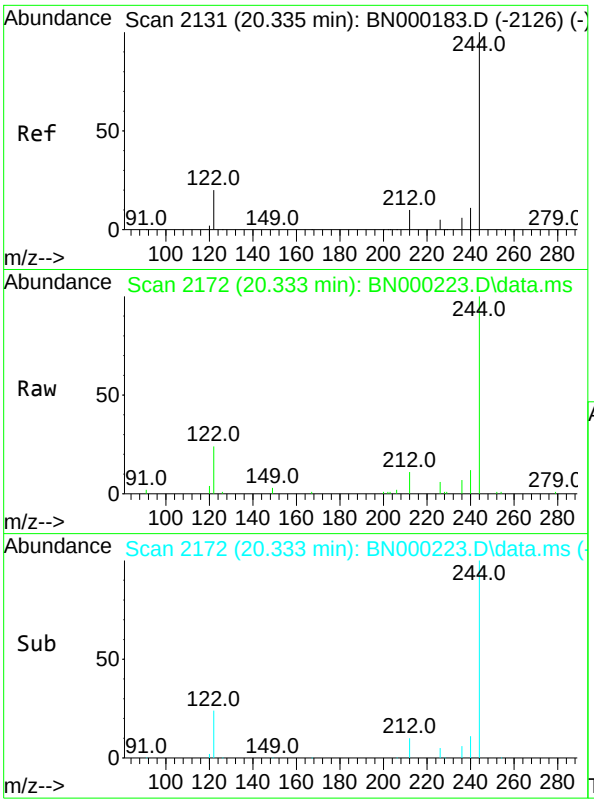
#28
Pyrene
Concen: 0.18 ng
RT: 20.153 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:202 Resp: 14321

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.9	13.8	20.8



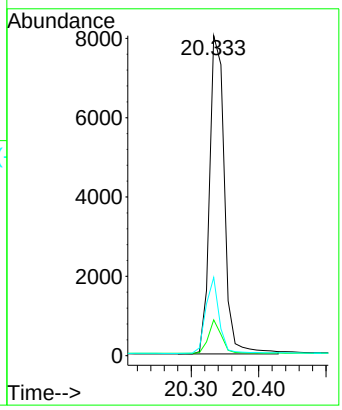
Instrument :
BNA_N
ClientSampleId :

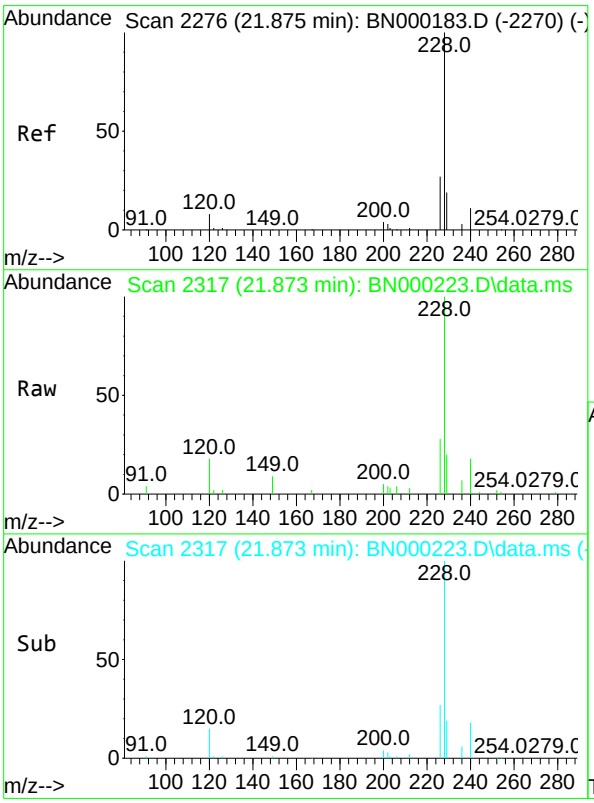


#29
Terphenyl-d14
Concen: 0.35 ng
RT: 20.333 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:244 Resp: 12219

Ion	Ratio	Lower	Upper
244	100		
212	11.2	25.4	38.0#
122	24.4	8.1	12.1#

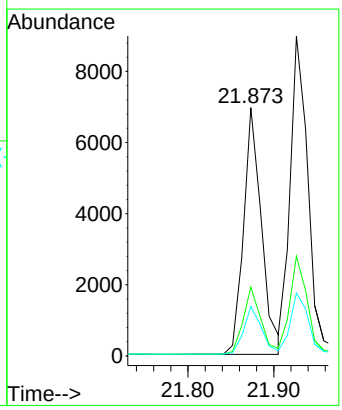




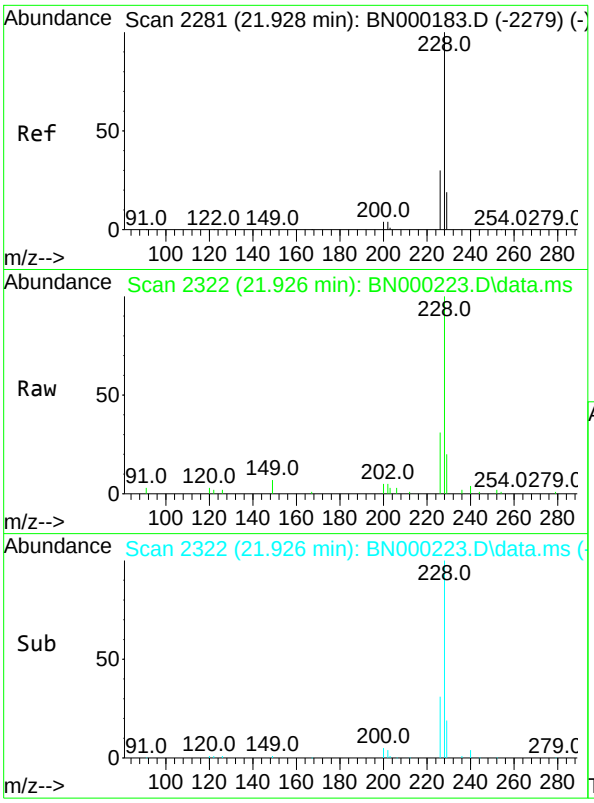
#30
Benzo(a)anthracene
Concen: 0.16 ng
RT: 21.873 min Scan# 2317
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:228 Resp: 10032

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.0	36.0
229	19.9	16.0	24.0



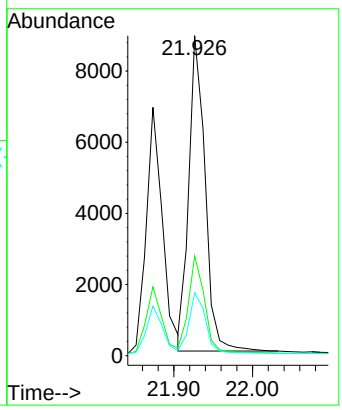
Instrument :
BNA_N
ClientSampleId :

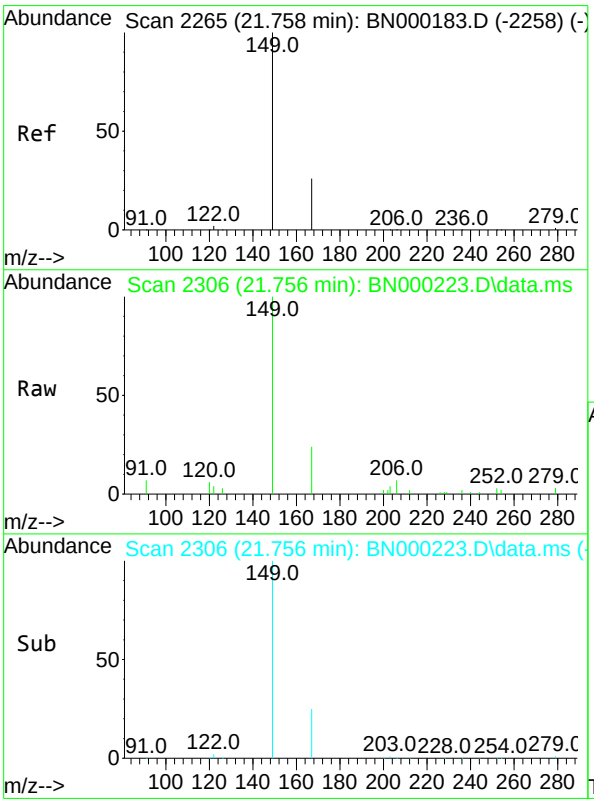


#31
Chrysene
Concen: 0.17 ng
RT: 21.926 min Scan# 2322
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:228 Resp: 12731

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	19.7	16.0	24.0

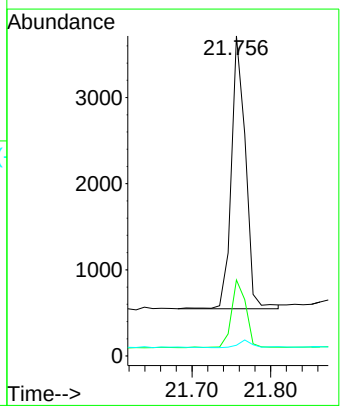




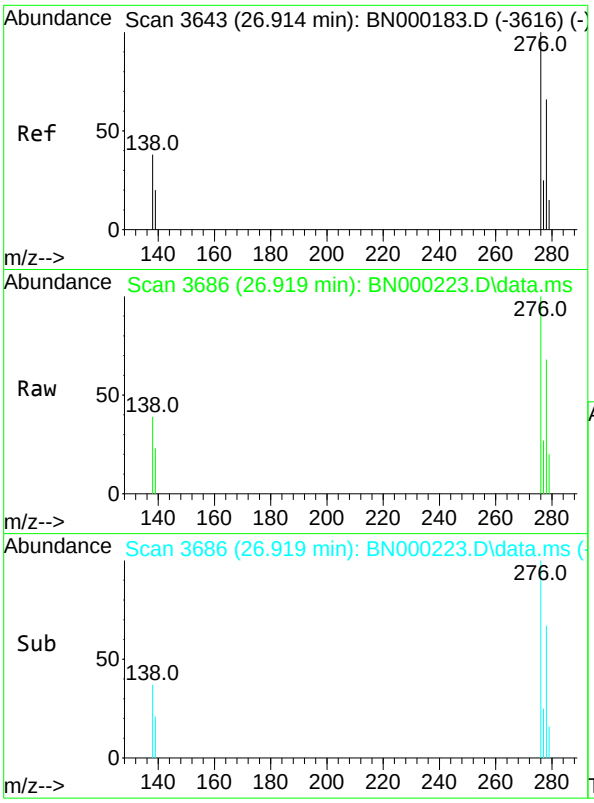
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.17 ng
RT: 21.756 min Scan# 2306
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:149 Resp: 3958

Ion	Ratio	Lower	Upper
149	100		
167	25.2	20.0	30.0
279	2.7	1.6	2.4#



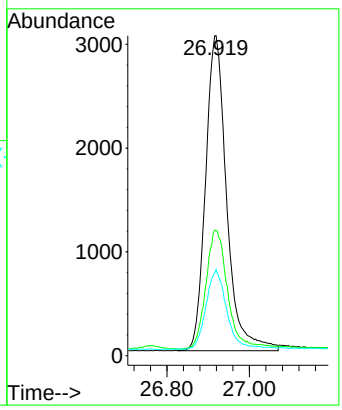
Instrument :
BNA_N
ClientSampleId :

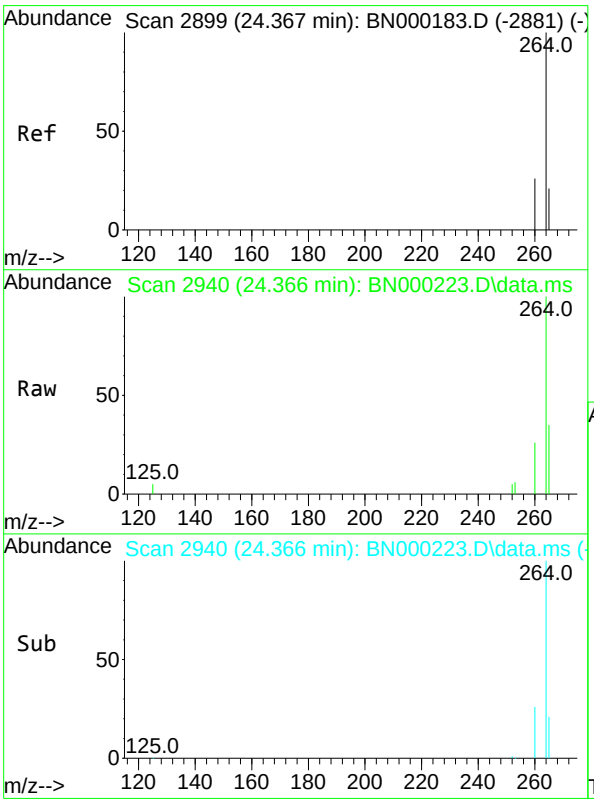


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng
RT: 26.919 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:276 Resp: 10795

Ion	Ratio	Lower	Upper
276	100		
138	38.1	22.5	33.7#
277	24.7	19.9	29.9

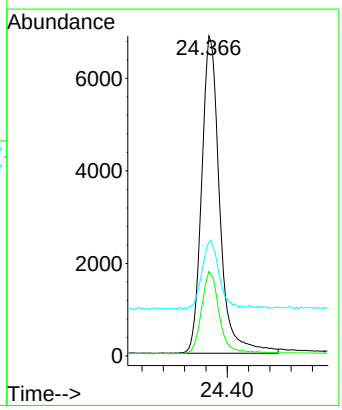


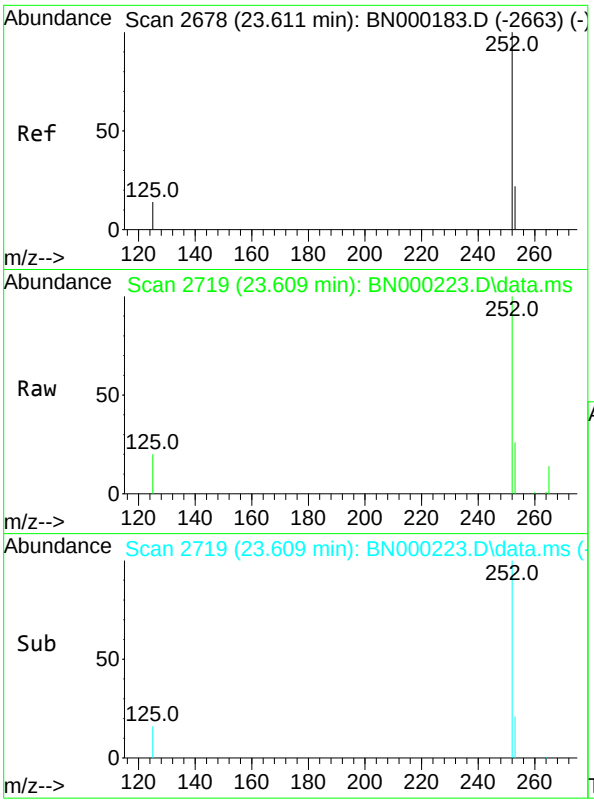


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.366 min Scan# 2940
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:264 Resp: 16104

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.5	30.7
265	35.4	22.8	34.2#

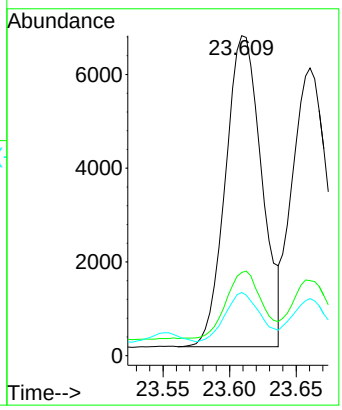




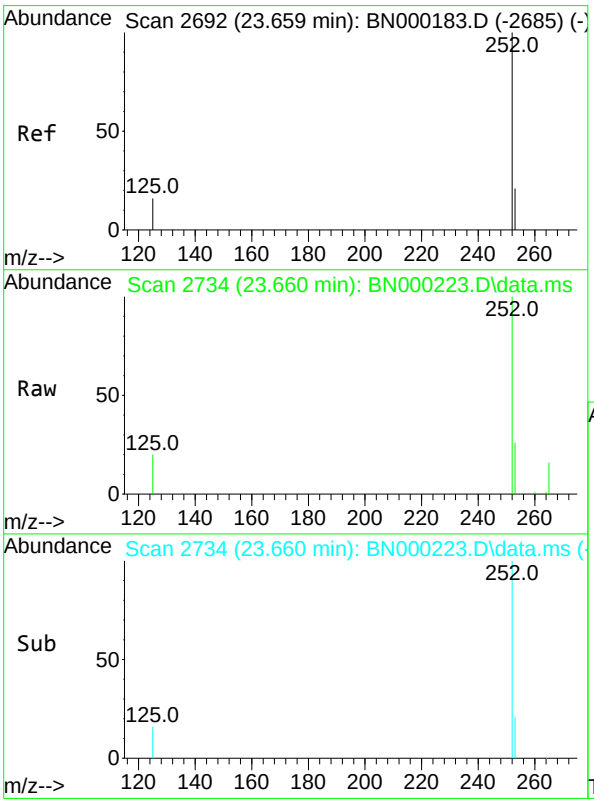
#35
Benzo(b)fluoranthene
Concen: 0.17 ng
RT: 23.609 min Scan# 2719
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:252 Resp: 12601

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.0	30.0
125	19.7	16.0	24.0



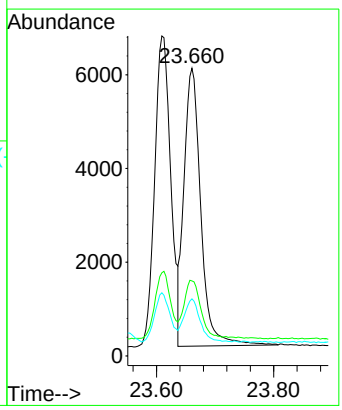
Instrument :
BNA_N
ClientSampleId :

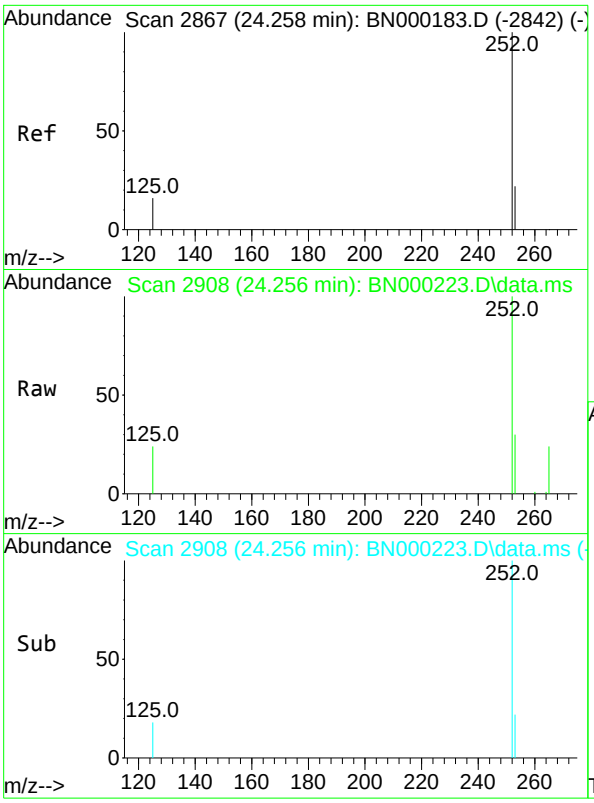


#36
Benzo(k)fluoranthene
Concen: 0.16 ng
RT: 23.660 min Scan# 2734
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:252 Resp: 11843

Ion	Ratio	Lower	Upper
252	100		
253	26.1	16.0	24.0#
125	19.8	8.0	12.0#

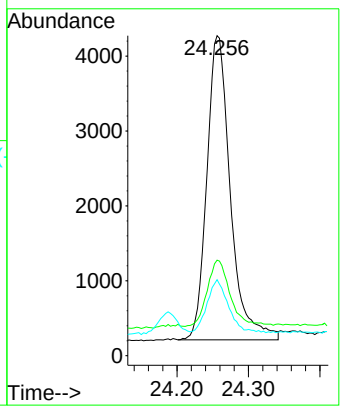


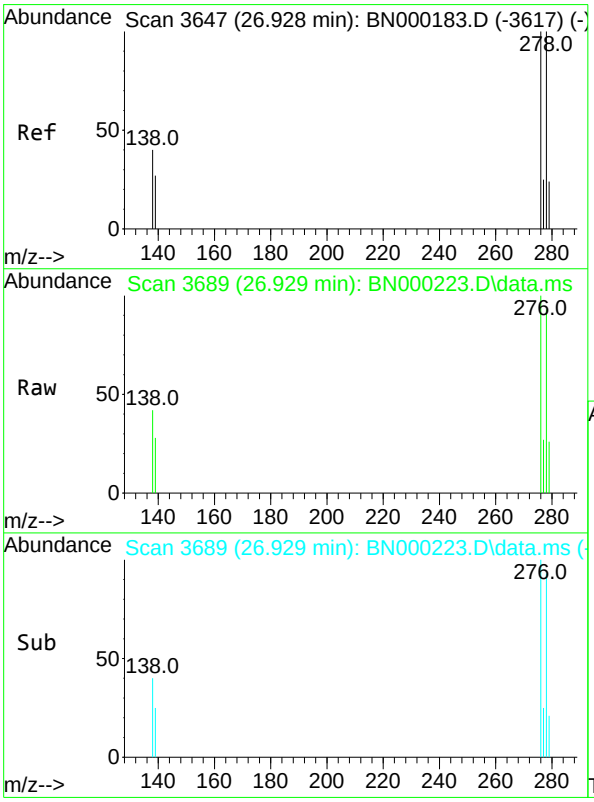


#37
Benzo(a)pyrene
Concen: 0.16 ng
RT: 24.256 min Scan# 2908
Delta R.T. -0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:252 Resp: 9305

Ion	Ratio	Lower	Upper
252	100		
253	29.9	16.0	24.0#
125	23.8	12.0	18.0#

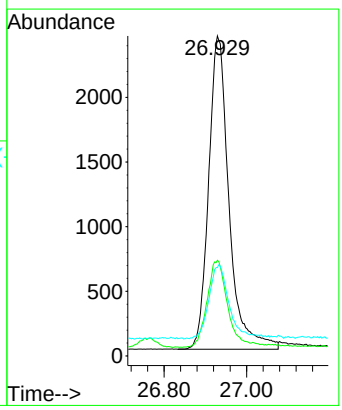




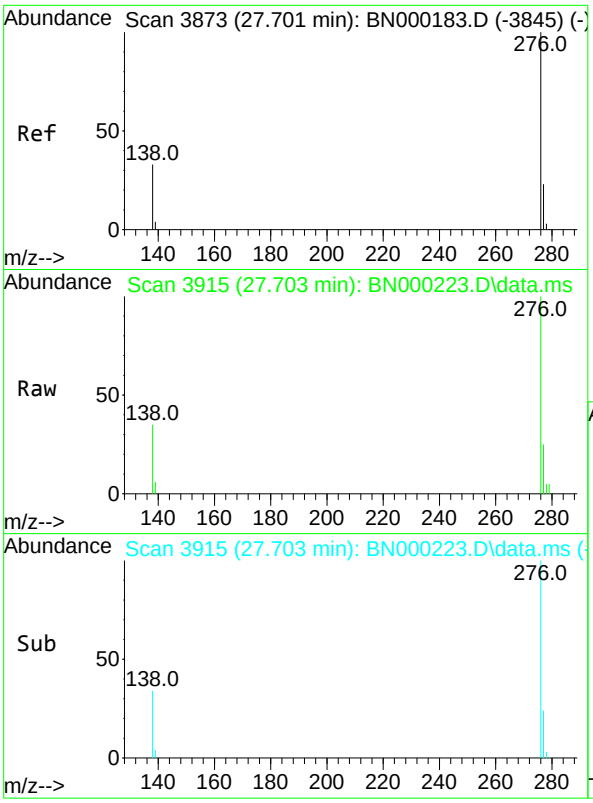
#38
Dibenzo(a,h)anthracene
Concen: 0.16 ng
RT: 26.929 min Scan# 3689
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:278 Resp: 8323

Ion	Ratio	Lower	Upper
278	100		
139	29.9	16.0	24.0#
279	27.6	20.0	30.0



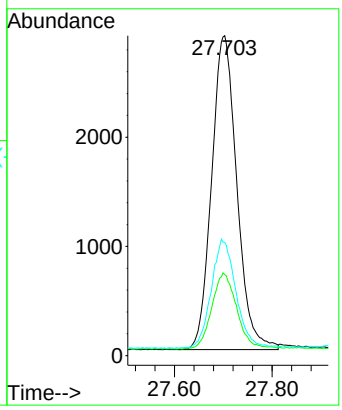
Instrument :
BNA_N
ClientSampleId :



#39
Benzo(g,h,i)perylene
Concen: 0.16 ng
RT: 27.703 min Scan# 3915
Delta R.T. 0.002 min
Lab File: BN000223.D
Acq: 01 Mar 2018 18:30

Tgt Ion:276 Resp: 10328

Ion	Ratio	Lower	Upper
276	100		
277	25.3	16.0	24.0#
138	35.4	20.0	30.0#



Instrument :
BNA_N
ClientSampleId :