Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN030118\
Data File : BN000225.D
Acq On : 01 Mar 2018 19:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Mar 02 09:00:18 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	4989	0.40	ng		0.00
7) Naphthalene-d8	11.290	136	19668	0.40	ng		# 0.00
13) Acenaphthene-d10	15.058	164	10448	0.40	ng		0.00
19) Phenanthrene-d10	17.780	188	24087	0.40	ng		# 0.00
27) Chrysene-d12	21.895	240	20384	0.40	ng		# 0.00
34) Perylene-d12	24.369	264	16752	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.929	112	4290	0.41	ng		0.00
5) Phenol-d6	7.572	99	5443	0.41	ng		0.00
8) Nitrobenzene-d5	9.629	82	4363	0.37	ng		0.00
11) 2-Methylnaphthalene-d10	12.848	152	12168	0.41	ng		0.00
14) 2,4,6-Tribromophenol	16.526	330	1231	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.695	172	19393	0.39	ng		0.00
25) Fluoranthene-d10	19.771	212	23316	0.36	ng		0.00
29) Terphenyl-d14	20.333	244	14655	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	2122	0.41	ng		89
3) n-Nitrosodimethylamine	4.028	42	1240	0.37	ng	#	94
6) bis(2-Chloroethyl)ether	7.854	93	7072	0.42	ng		99
9) Naphthalene	11.340	128	23249	0.40	ng		97
10) Hexachlorobutadiene	11.616	225	3932	0.40	ng		98
12) 2-Methylnaphthalene	12.919	142	15275	0.41	ng		99
16) Acenaphthylene	14.785	152	17187	0.35	ng		100
17) Acenaphthene	15.119	154	14834	0.38	ng		97
18) Fluorene	16.090	166	18583	0.38	ng	#	80
20) 4-Bromophenyl-phenylether	16.961	248	5106	0.37	ng	#	69
21) Hexachlorobenzene	17.089	284	6979	0.38	ng		96
22) Pentachlorophenol	17.418	266	1377	0.33	ng		95
23) Phenanthrene	17.822	178	31684	0.37	ng		98
24) Anthracene	17.907	178	22387	0.35	ng		96
26) Fluoranthene	19.801	202	31287	0.36	ng	#	96
28) Pyrene	20.153	202	31889	0.40	ng		100
30) Benzo(a)anthracene	21.873	228	23115	0.36	ng		97
31) Chrysene	21.927	228	29627	0.39	ng		98
32) Bis(2-ethylhexyl)phtha...	21.757	149	8551	0.36	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.919	276	27009	0.39	ng	#	89
35) Benzo(b)fluoranthene	23.613	252	29475	0.39	ng		96
36) Benzo(k)fluoranthene	23.661	252	28914	0.39	ng	#	88
37) Benzo(a)pyrene	24.260	252	22982	0.37	ng	#	90
38) Dibenzo(a,h)anthracene	26.929	278	21126	0.38	ng	#	91
39) Benzo(g,h,i)perylene	27.703	276	24807	0.38	ng	#	85

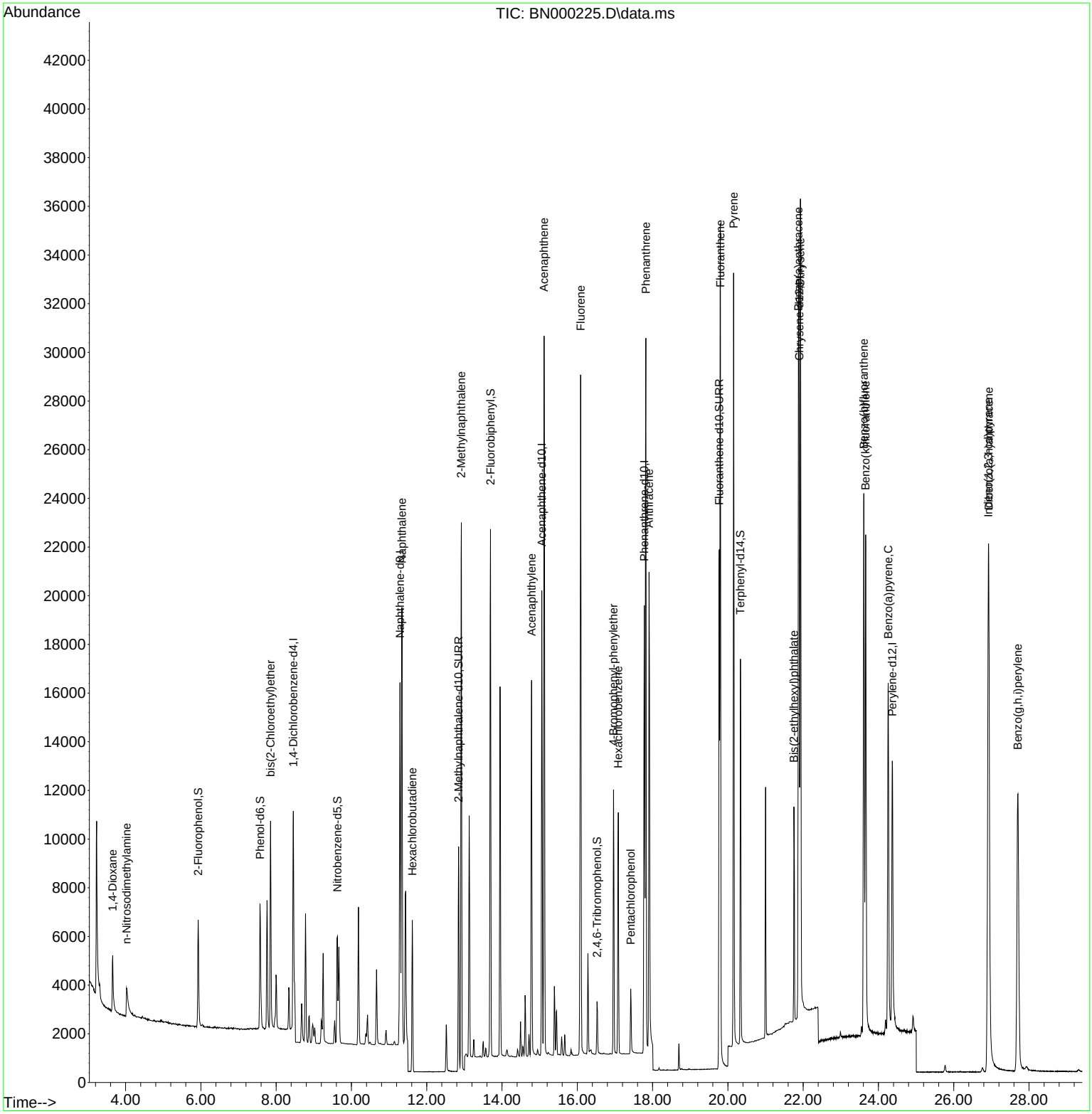
(#) = qualifier out of range (m) = manual integration (+) = signals summed

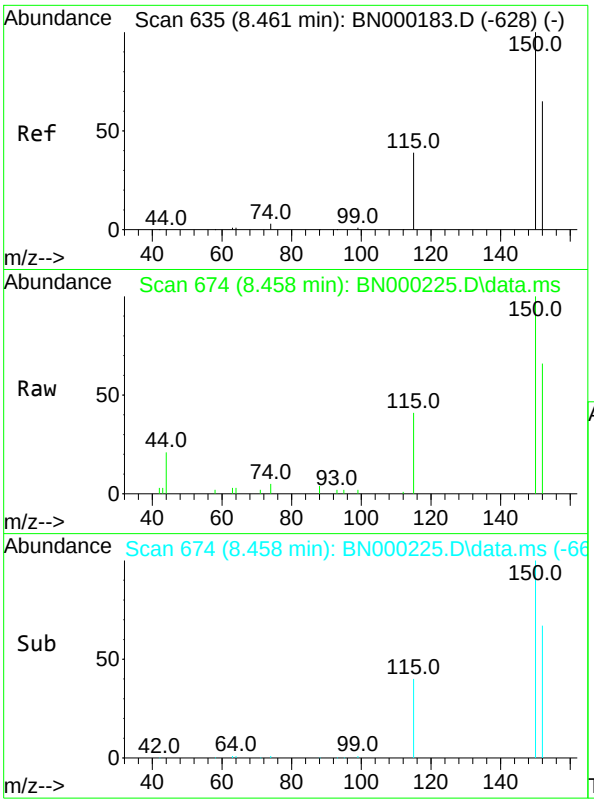
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN030118\
Data File : BN000225.D
Acq On : 01 Mar 2018 19:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Mar 02 09:00:18 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

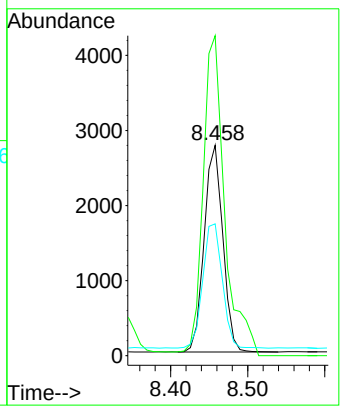




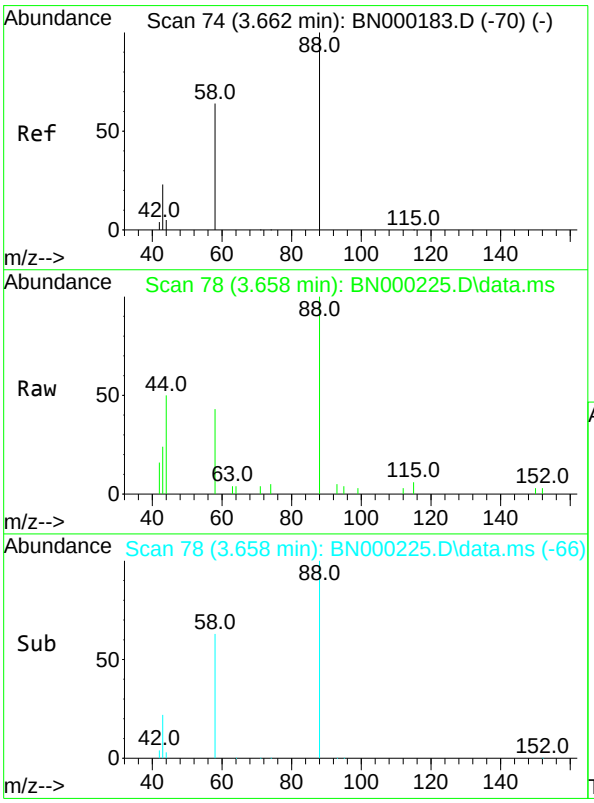
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 8.458 min Scan# 674
Delta R.T. -0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:152 Resp: 4989

Ion	Ratio	Lower	Upper
152	100		
150	152.0	117.2	175.8
115	62.7	57.0	85.6



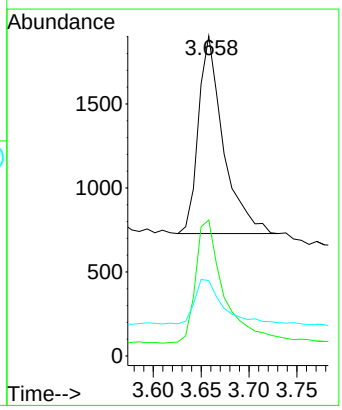
Instrument :
BNA_N
ClientSampleId :



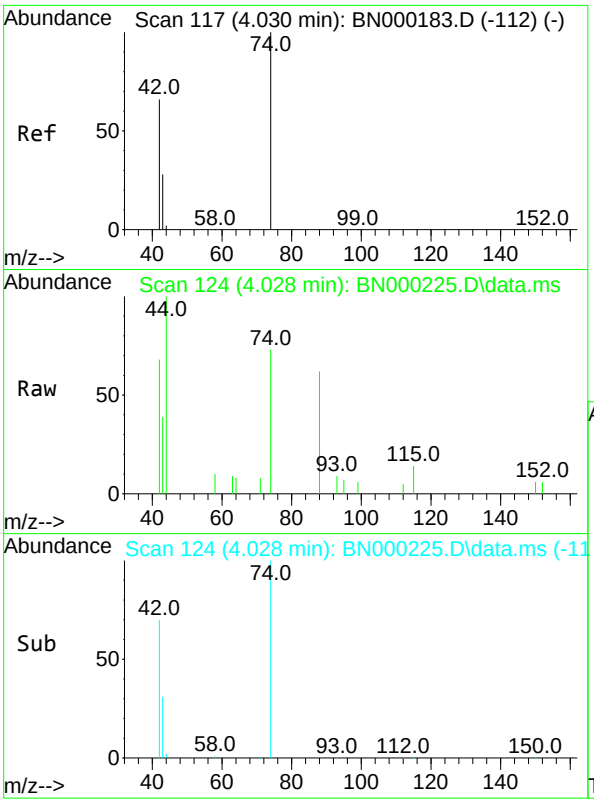
#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.658 min Scan# 78
Delta R.T. -0.004 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion: 88 Resp: 2122

Ion	Ratio	Lower	Upper
88	100		
58	71.6	48.0	72.0
43	25.2	20.0	30.0



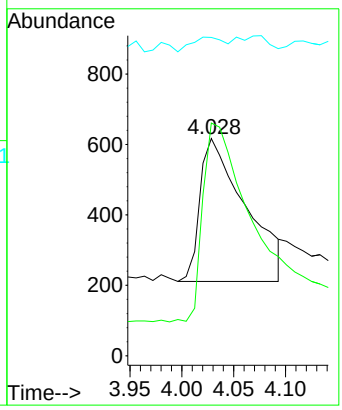
Instrument :
BNA_N
ClientSampleId :

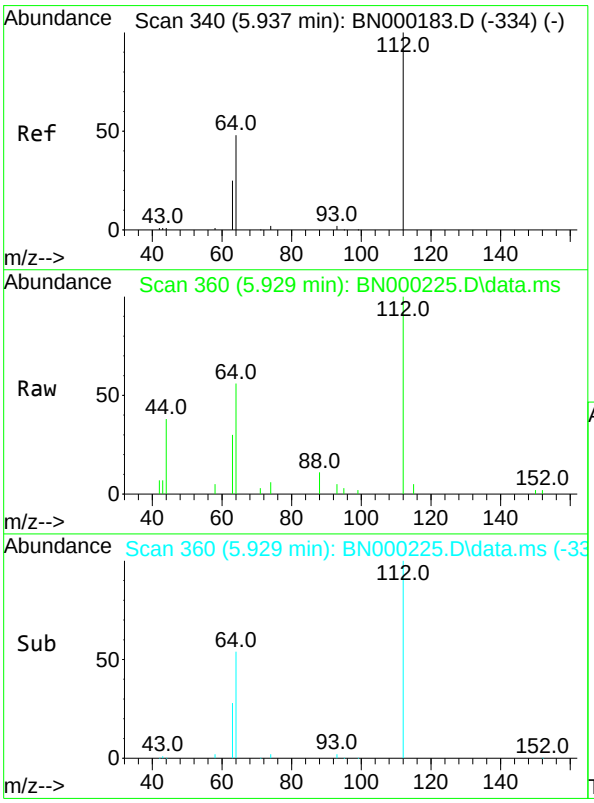


#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 4.028 min Scan# 124
Delta R.T. -0.001 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion: 42 Resp: 1240

Ion	Ratio	Lower	Upper
42	100		
74	141.9	120.0	180.0
44	7.3	4.0	6.0#

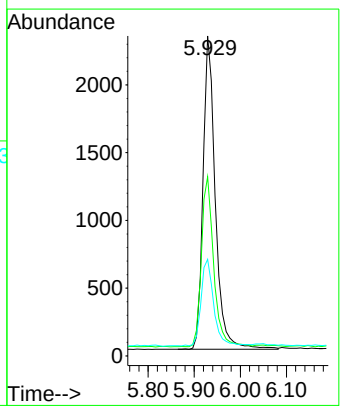




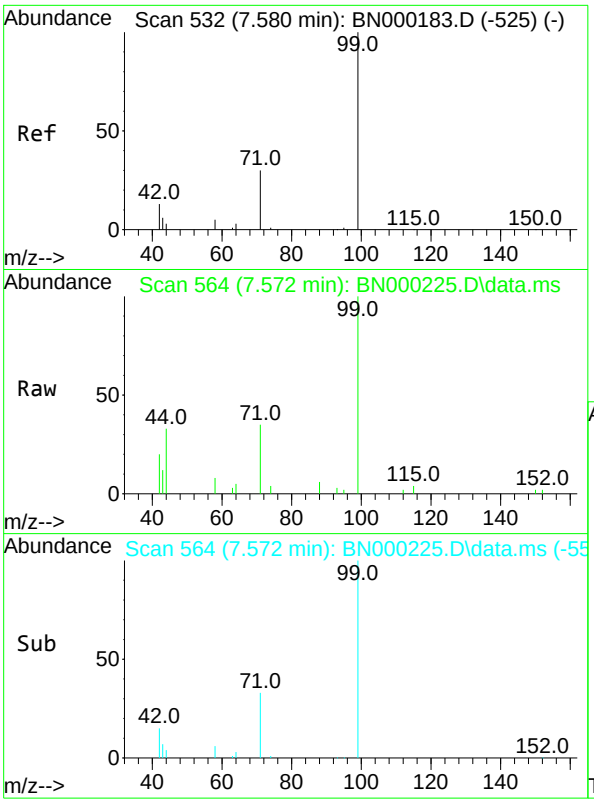
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.929 min Scan# 360
Delta R.T. -0.008 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:112 Resp: 4290

Ion	Ratio	Lower	Upper
112	100		
64	54.2	60.1	90.1#
63	28.9	116.8	175.2#



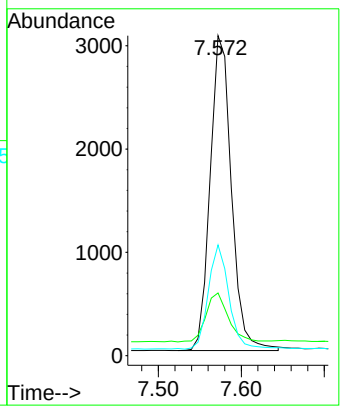
Instrument :
BNA_N
ClientSampleId :

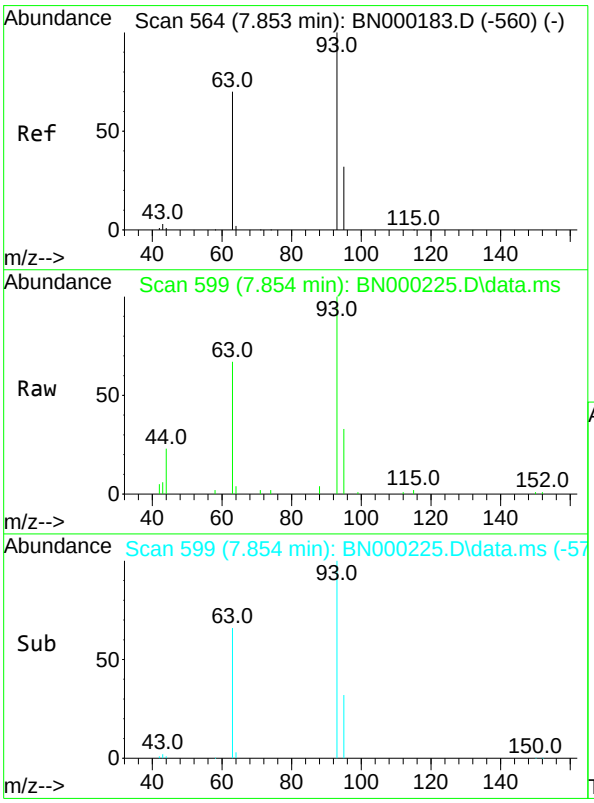


#5
Phenol-d6
Concen: 0.41 ng
RT: 7.572 min Scan# 564
Delta R.T. -0.008 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion: 99 Resp: 5443

Ion	Ratio	Lower	Upper
99	100		
42	16.3	20.2	30.2#
71	31.7	28.4	42.6

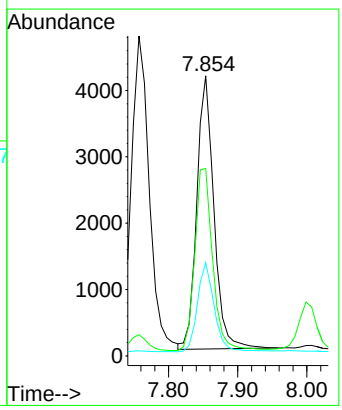




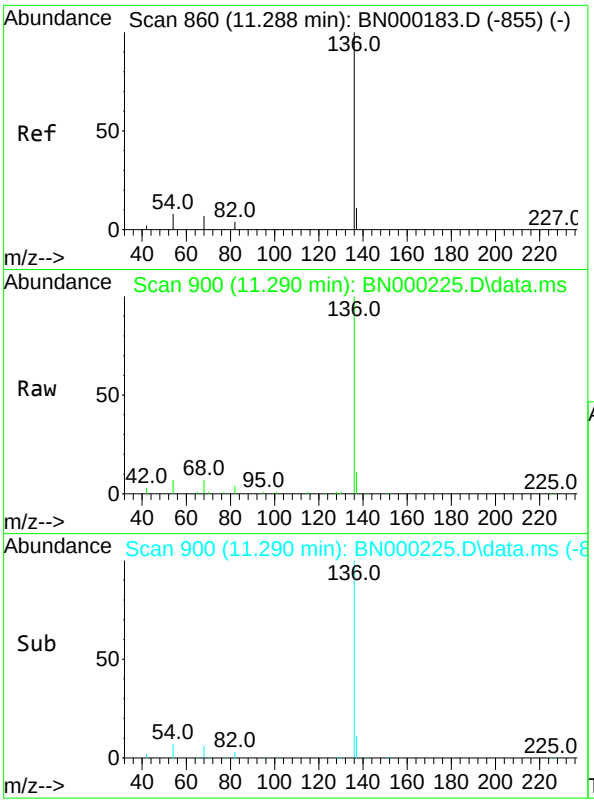
#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 7.854 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion: 93 Resp: 7072

Ion	Ratio	Lower	Upper
93	100		
63	69.7	56.0	84.0
95	32.2	25.2	37.8



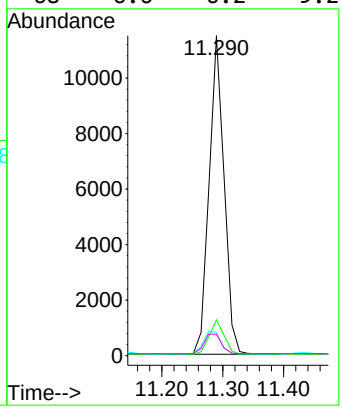
Instrument :
BNA_N
ClientSampleId :

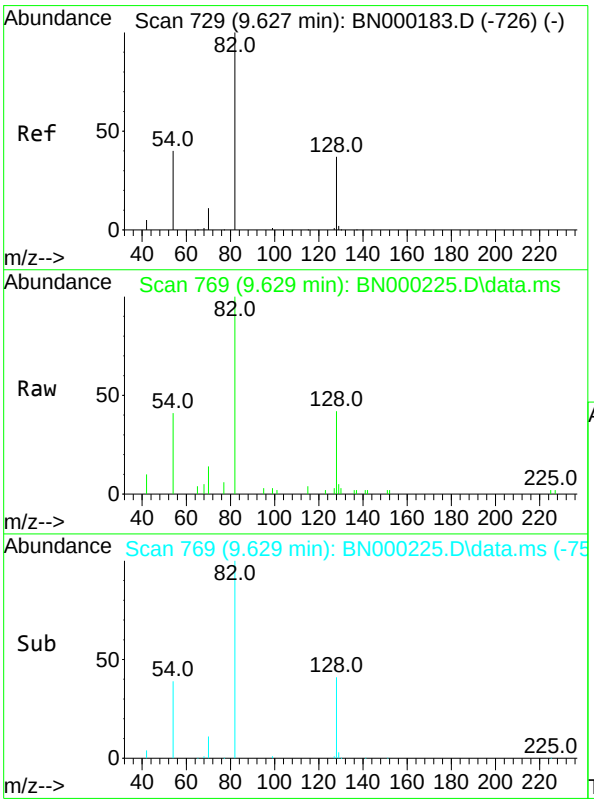


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 11.290 min Scan# 900
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:136 Resp: 19668

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.5	14.3
54	7.2	29.1	43.7#
68	6.6	6.2	9.2

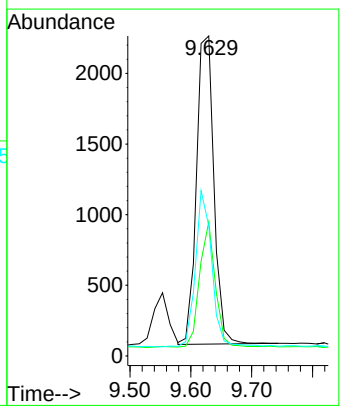




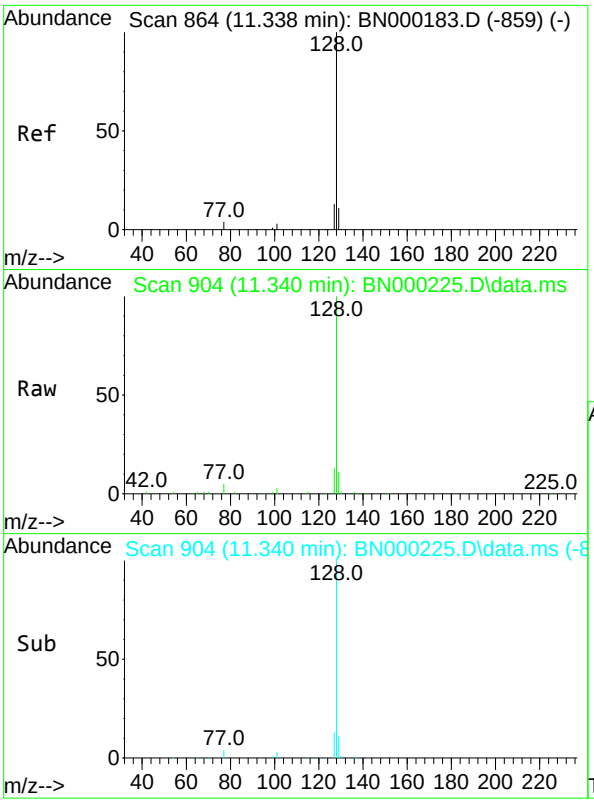
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 9.629 min Scan# 769
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion: 82 Resp: 4363

Ion	Ratio	Lower	Upper
82	100		
128	41.9	150.0	225.0#
54	40.7	154.2	231.4#



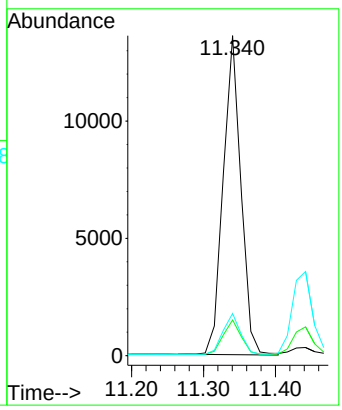
Instrument :
BNA_N
ClientSampleId :

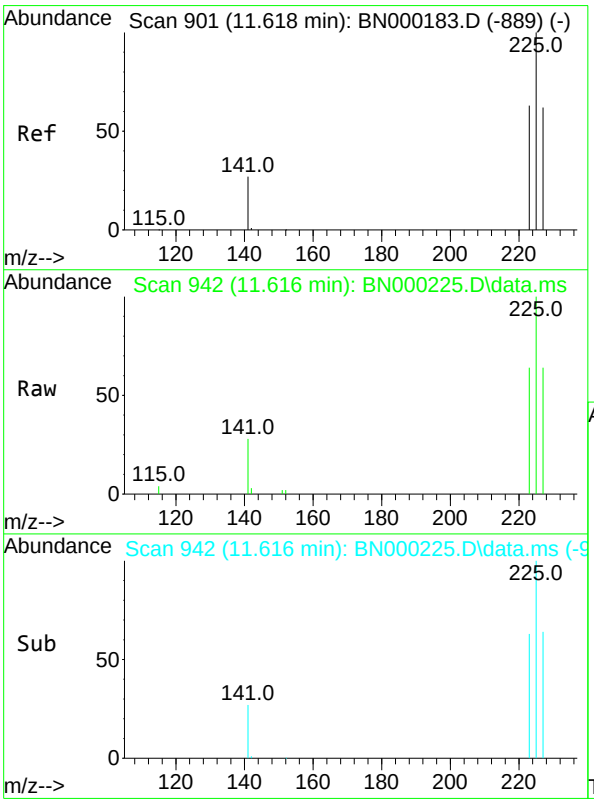


#9
Naphthalene
Concen: 0.40 ng
RT: 11.340 min Scan# 904
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:128 Resp: 23249

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.0	12.0
127	13.2	9.6	14.4

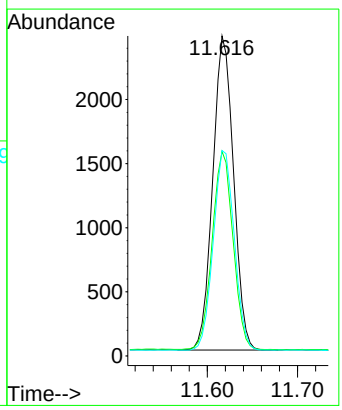


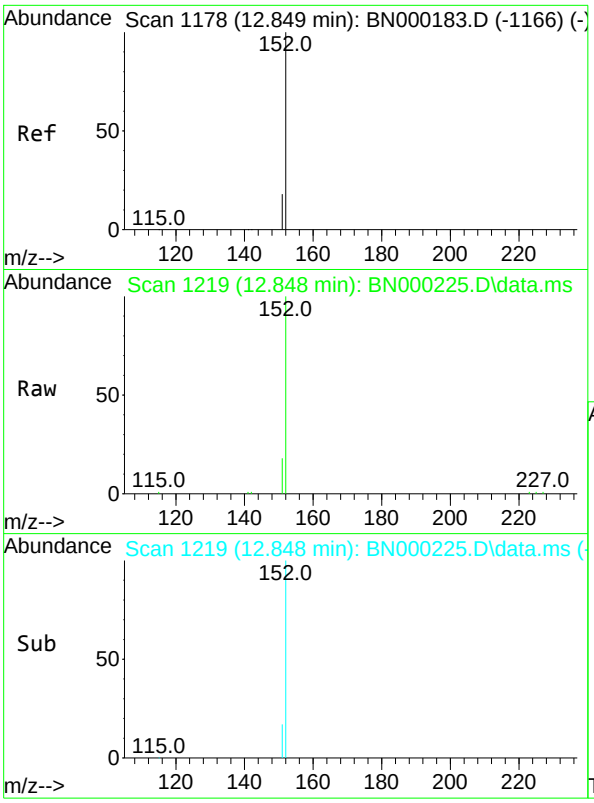


#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.616 min Scan# 942
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:225 Resp: 3932

Ion	Ratio	Lower	Upper
225	100		
223	63.4	53.0	79.6
227	64.1	51.4	77.2

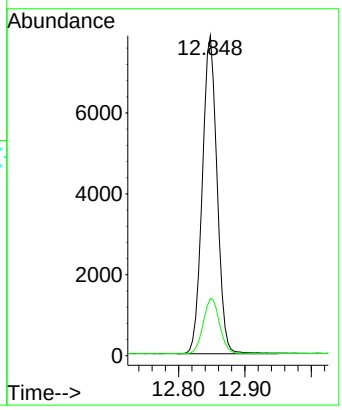




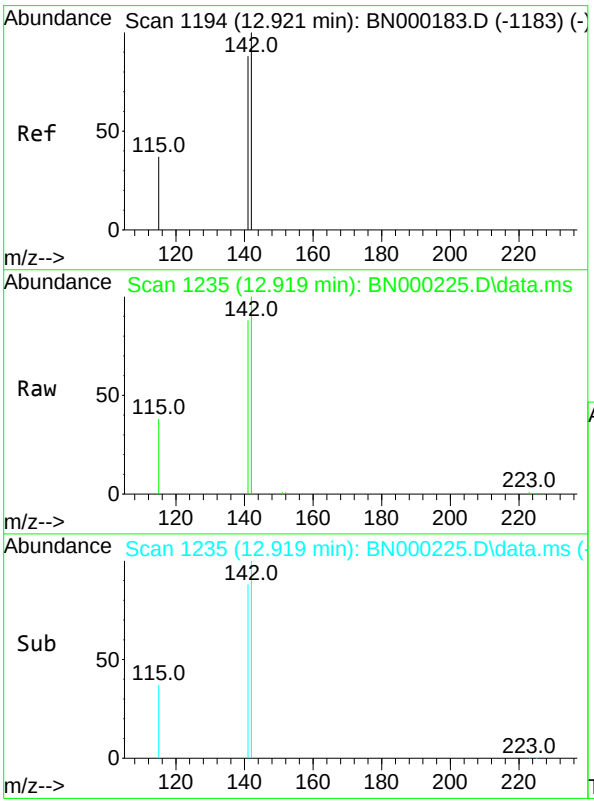
#11
2-Methylnaphthalene-d10
Concen: 0.41 ng
RT: 12.848 min Scan# 1219
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:152 Resp: 12168

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0



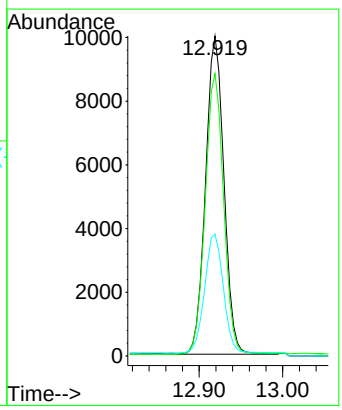
Instrument :
BNA_N
ClientSampleId :



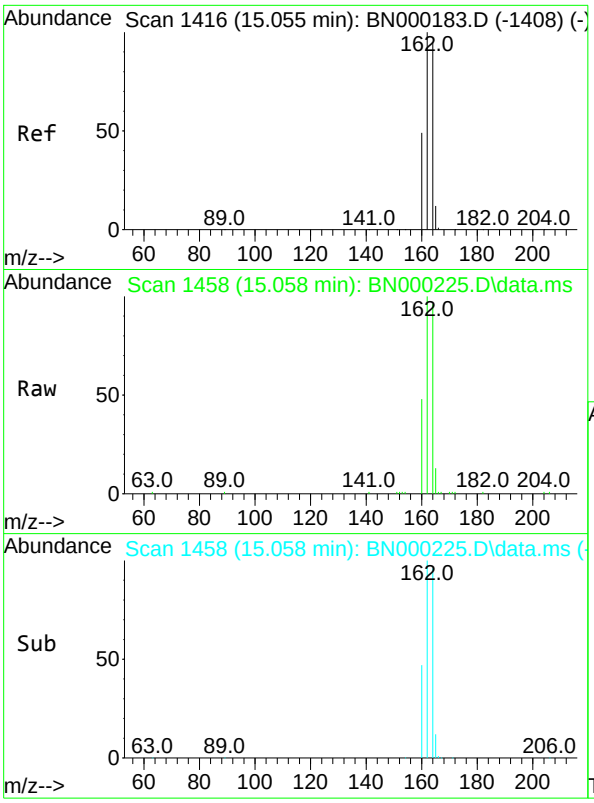
#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.919 min Scan# 1235
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:142 Resp: 15275

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.4	105.6
115	38.1	31.7	47.5



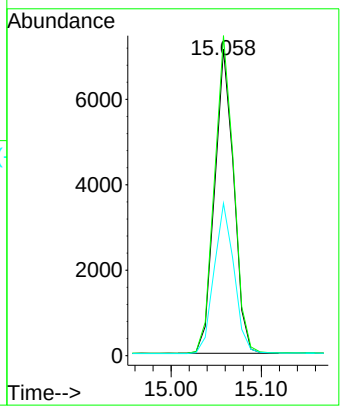
Instrument :
BNA_N
ClientSampleId :

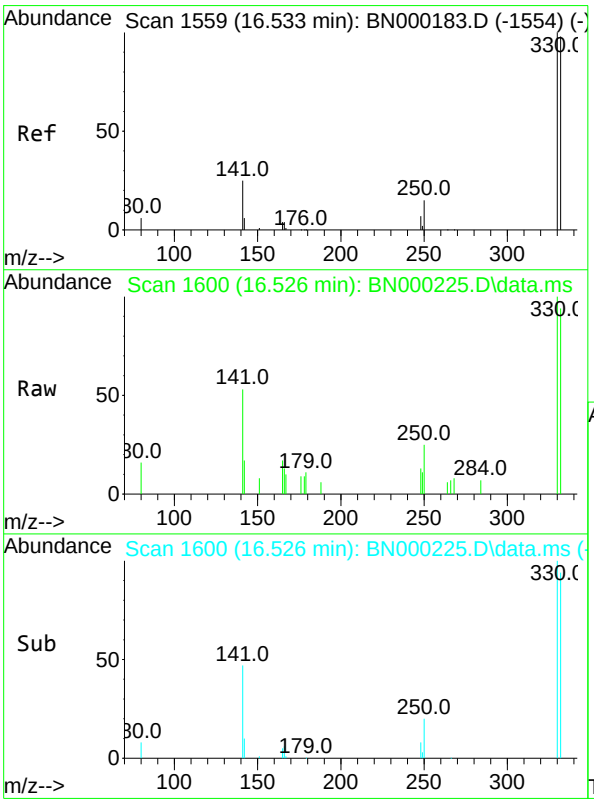


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 15.058 min Scan# 1458
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:164 Resp: 10448

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.1	124.7
160	49.7	37.1	55.7

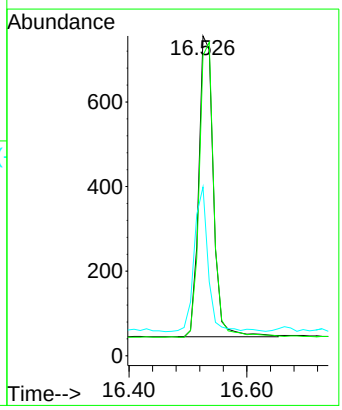




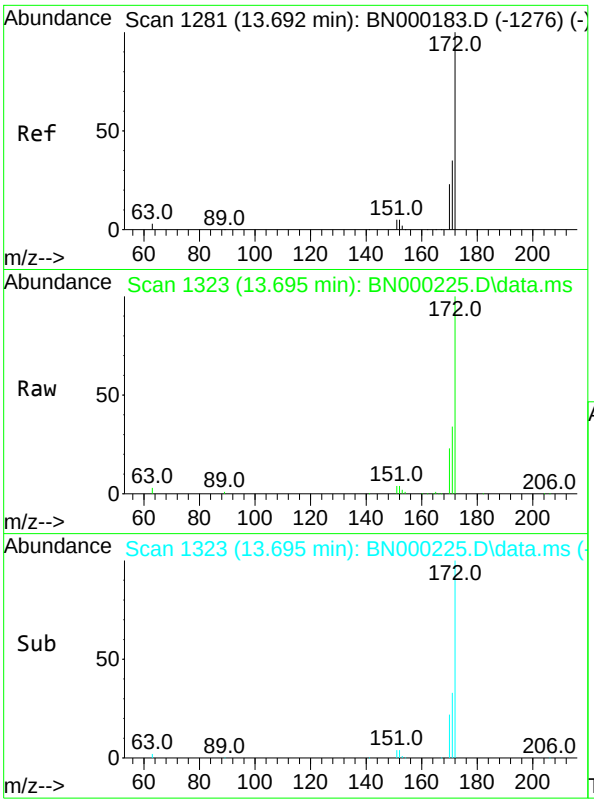
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 16.526 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:330 Resp: 1231

Ion	Ratio	Lower	Upper
330	100		
332	97.9	152.7	229.1#
141	45.1	33.7	50.5



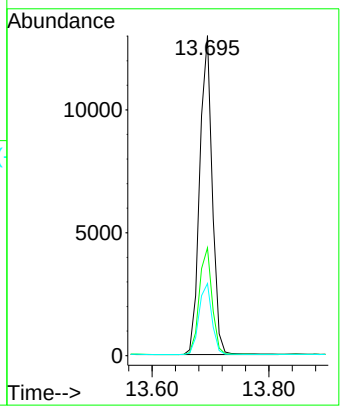
Instrument :
BNA_N
ClientSampleId :

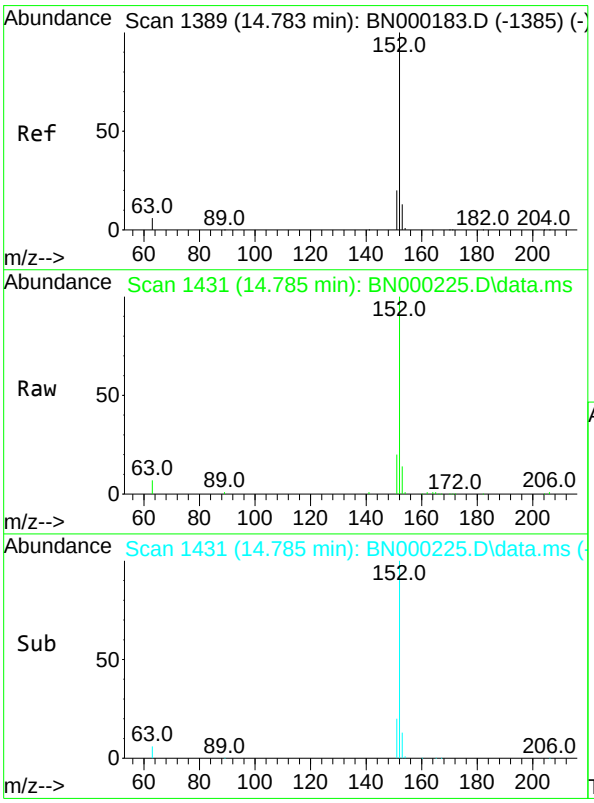


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.695 min Scan# 1323
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:172 Resp: 19393

Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.9	44.9
170	22.5	21.8	32.8

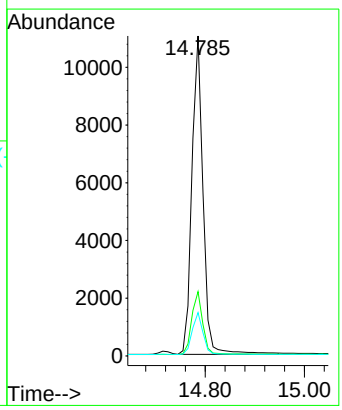


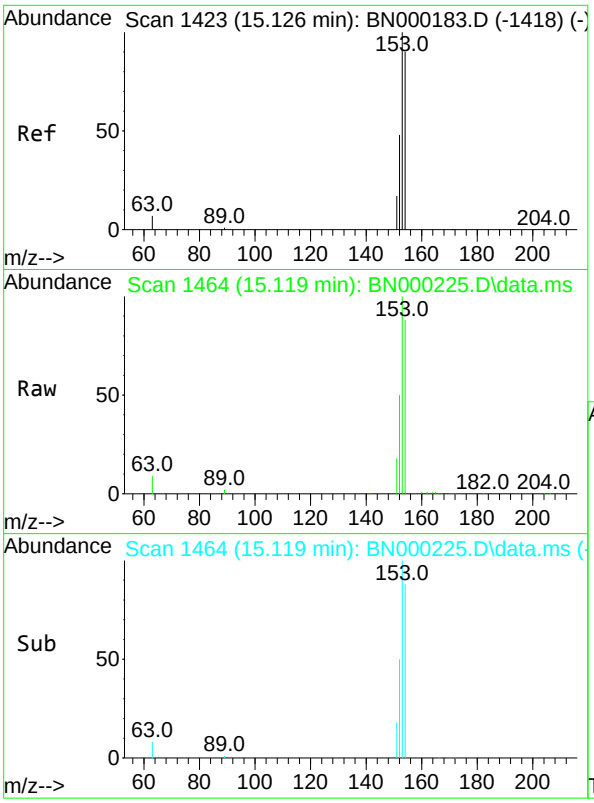


#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.785 min Scan# 1431
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:152 Resp: 17187

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	12.9	10.5	15.7

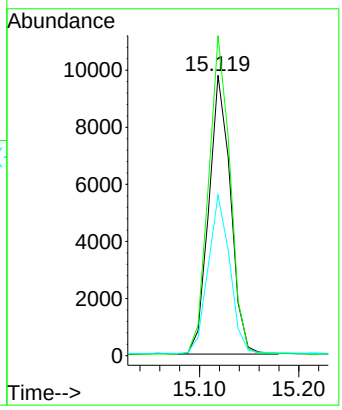




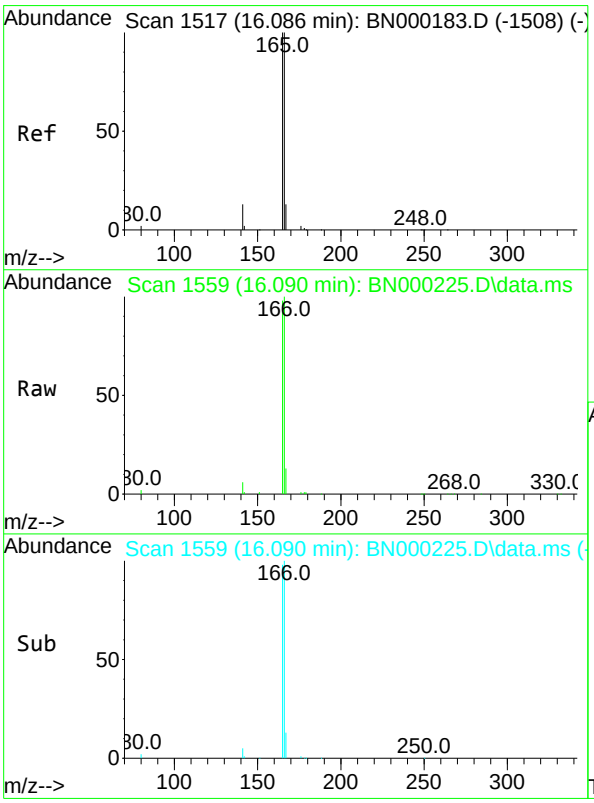
#17
Acenaphthene
Concen: 0.38 ng
RT: 15.119 min Scan# 1464
Delta R.T. -0.007 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:154 Resp: 14834

Ion	Ratio	Lower	Upper
154	100		
153	113.4	89.2	133.8
152	56.6	42.0	63.0



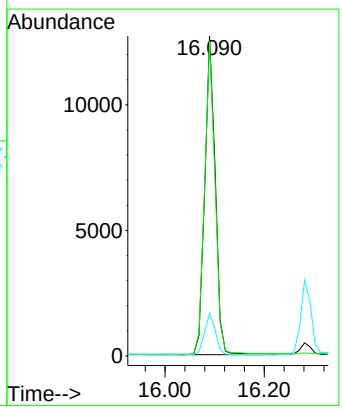
Instrument :
BNA_N
ClientSampleId :



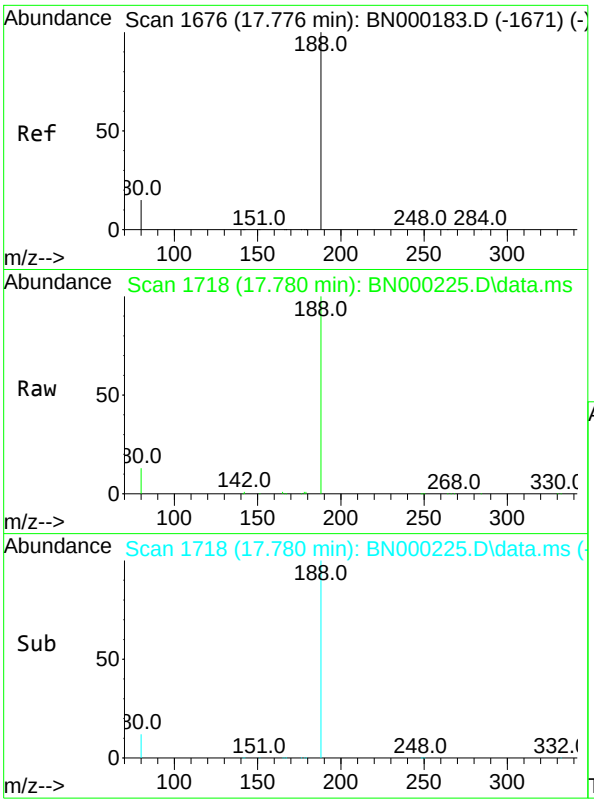
#18
Fluorene
Concen: 0.38 ng
RT: 16.090 min Scan# 1559
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:166 Resp: 18583

Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.6
167	13.4	42.4	63.6#



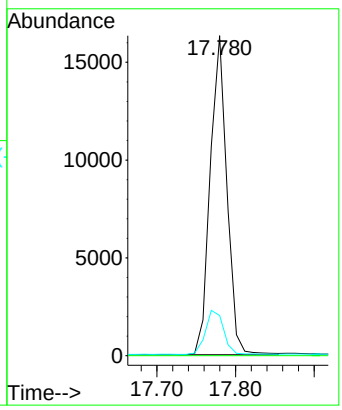
Instrument :
BNA_N
ClientSampleId :

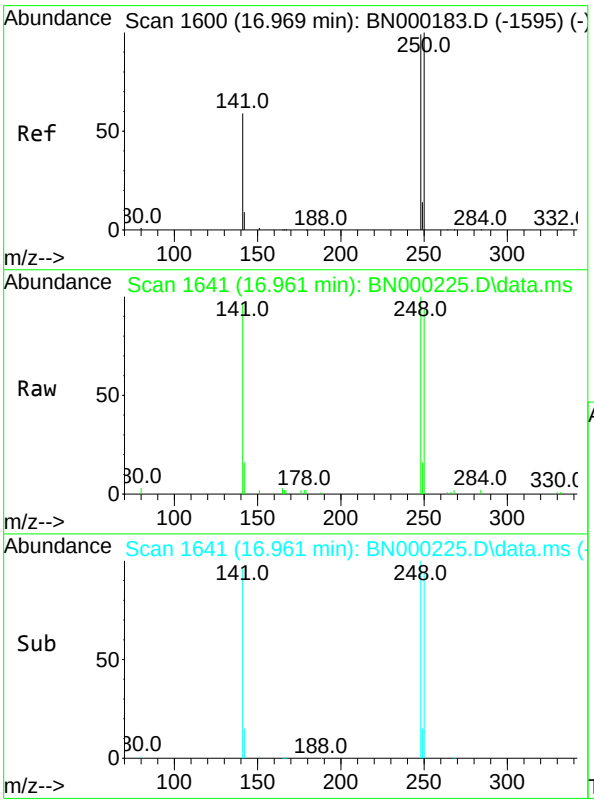


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.780 min Scan# 1718
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:188 Resp: 24087

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

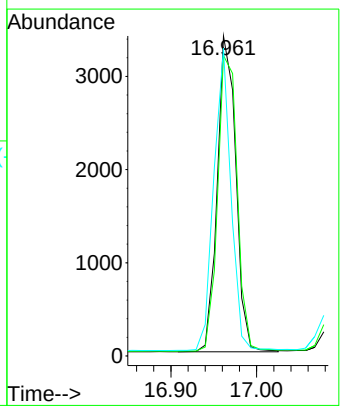




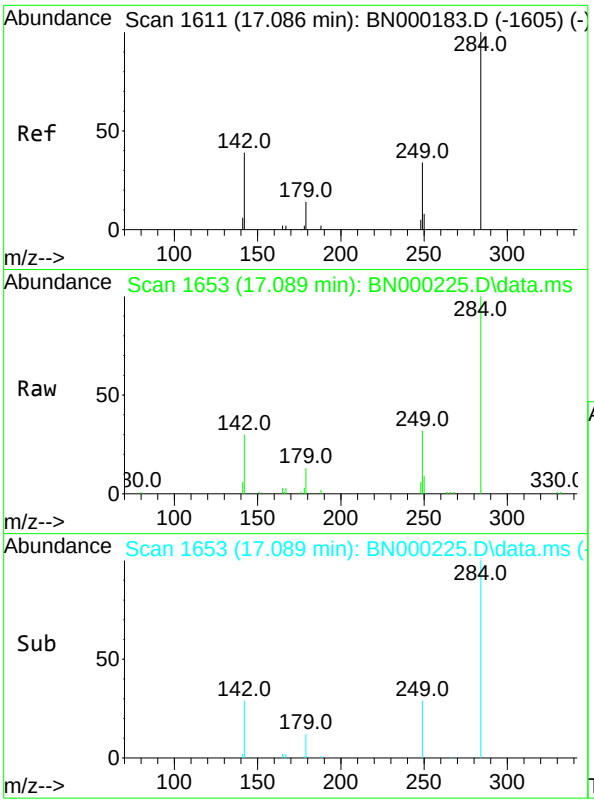
#20
4-Bromophenyl-phenylether
Concen: 0.37 ng
RT: 16.961 min Scan# 1641
Delta R.T. -0.007 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:248 Resp: 5106

Ion	Ratio	Lower	Upper
248	100		
250	93.9	62.7	94.1
141	96.2	48.2	72.2#



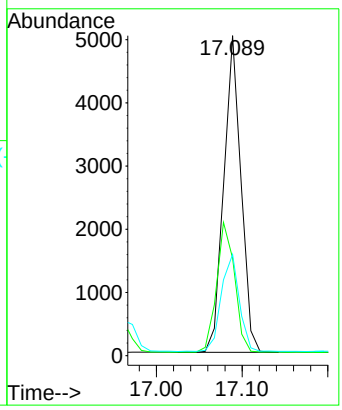
Instrument :
BNA_N
ClientSampleId :

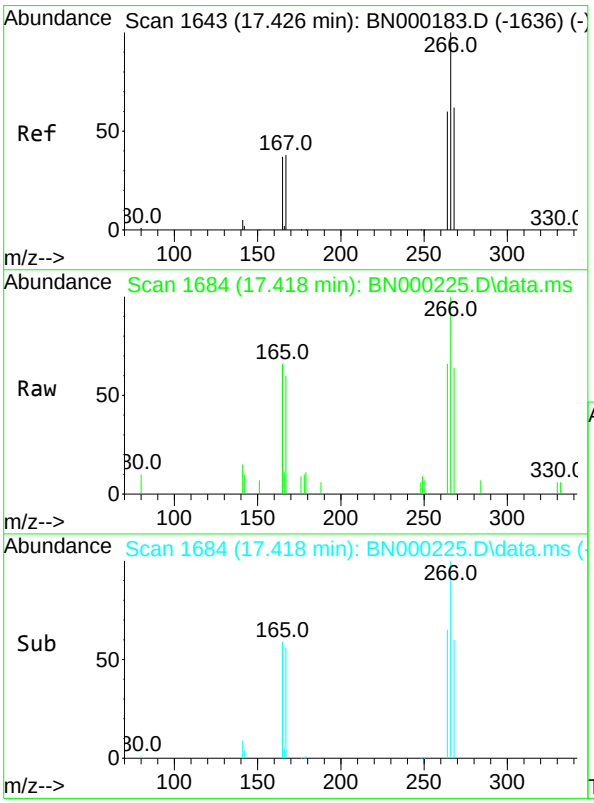


#21
Hexachlorobenzene
Concen: 0.38 ng
RT: 17.089 min Scan# 1653
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:284 Resp: 6979

Ion	Ratio	Lower	Upper
284	100		
142	42.7	32.0	48.0
249	32.5	24.0	36.0

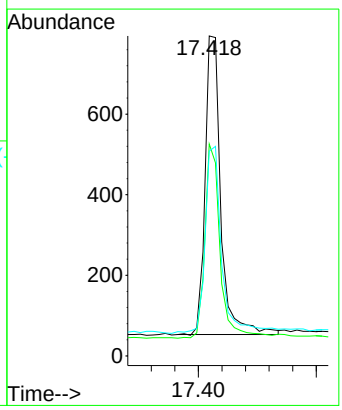




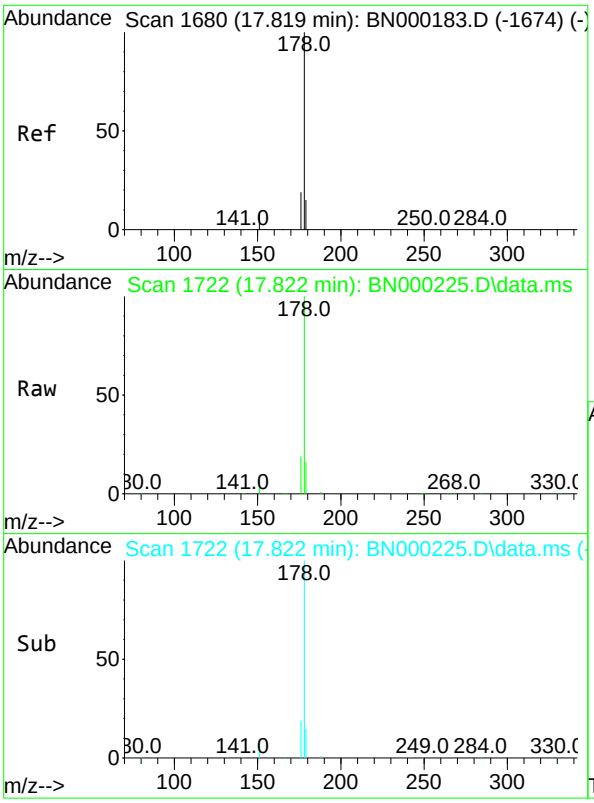
#22
Pentachlorophenol
Concen: 0.33 ng
RT: 17.418 min Scan# 1684
Delta R.T. -0.007 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:266 Resp: 1377

Ion	Ratio	Lower	Upper
266	100		
264	66.2	48.0	72.0
268	64.0	52.0	78.0



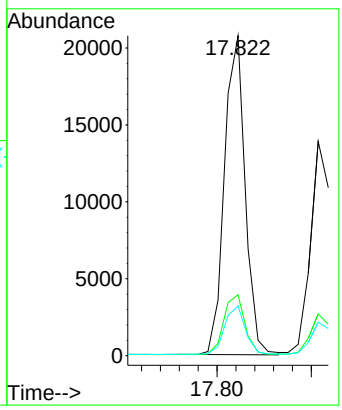
Instrument :
BNA_N
ClientSampleId :

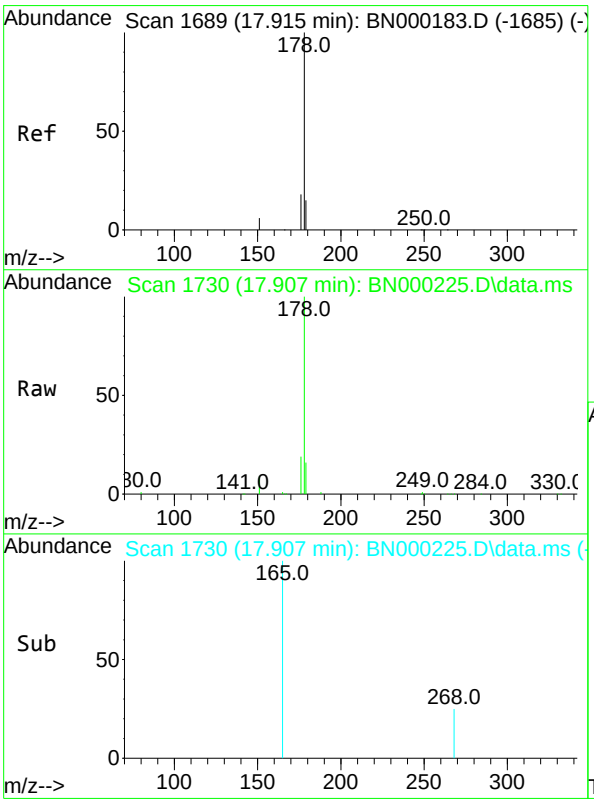


#23
Phenanthrene
Concen: 0.37 ng
RT: 17.822 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:178 Resp: 31684

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.6	11.8	17.6

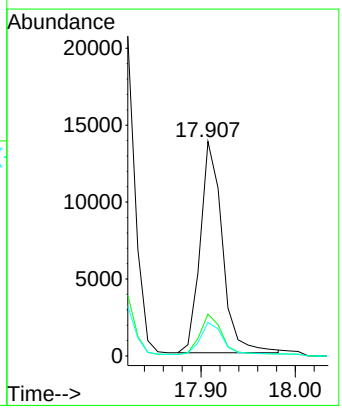




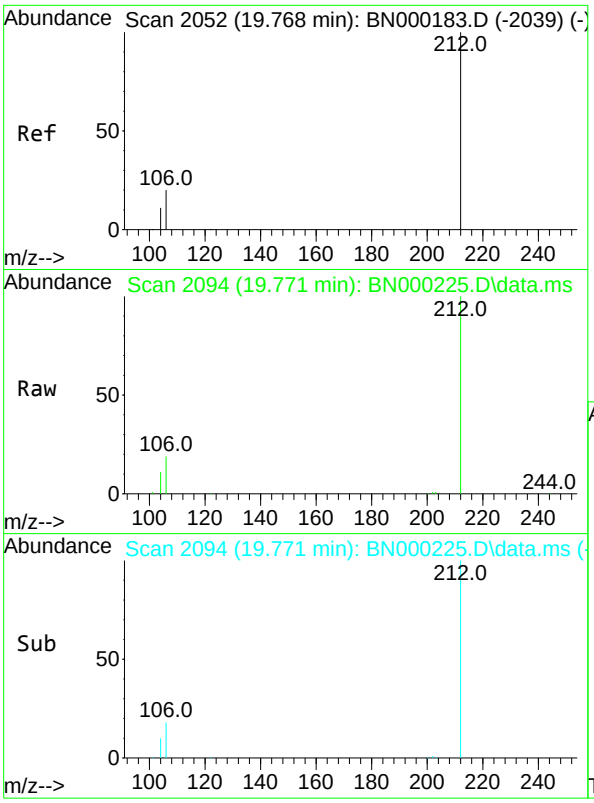
#24
Anthracene
Concen: 0.35 ng
RT: 17.907 min Scan# 1730
Delta R.T. -0.007 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:178 Resp: 22387

Ion	Ratio	Lower	Upper
178	100		
176	18.7	12.8	19.2
179	15.2	13.0	19.6



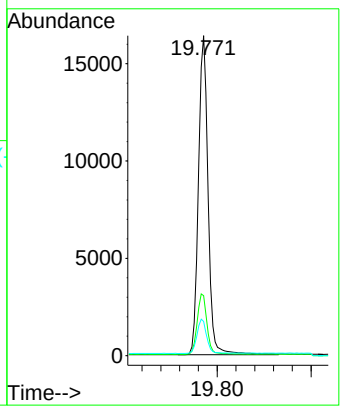
Instrument :
BNA_N
ClientSampleId :

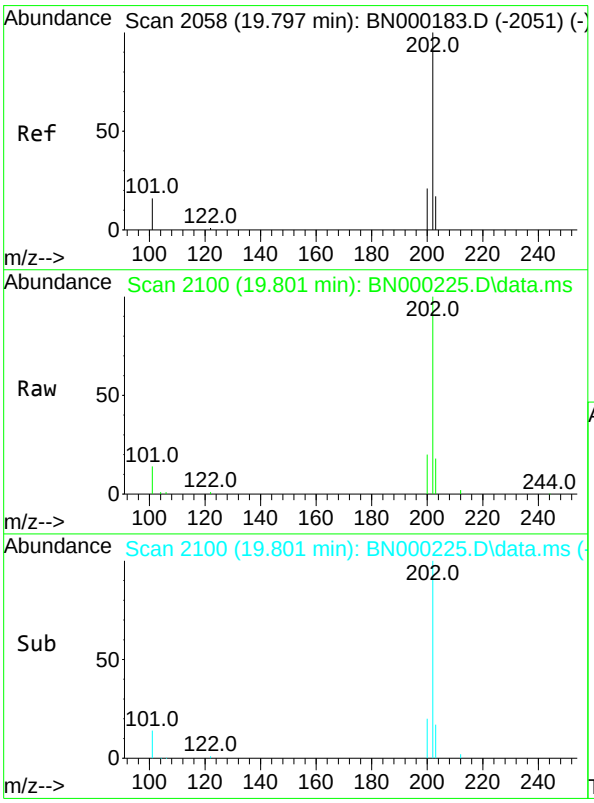


#25
Fluoranthene-d10
Concen: 0.36 ng
RT: 19.771 min Scan# 2094
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:212 Resp: 23316

Ion	Ratio	Lower	Upper
212	100		
106	19.2	2.8	4.2#
104	11.1	1.6	2.4#

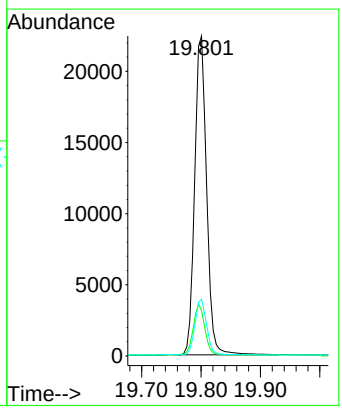




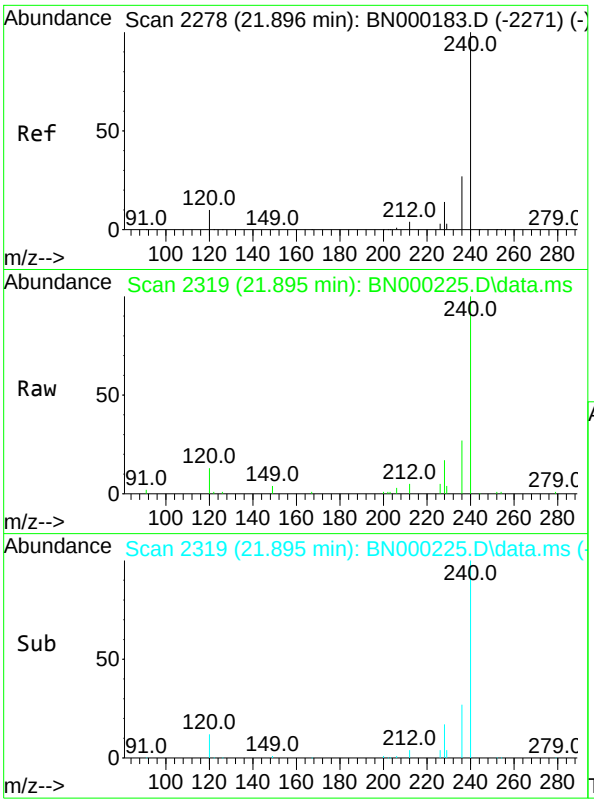
#26
Fluoranthene
Concen: 0.36 ng
RT: 19.801 min Scan# 2100
Delta R.T. 0.003 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:202 Resp: 31287

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.8	14.8#
203	17.2	13.7	20.5



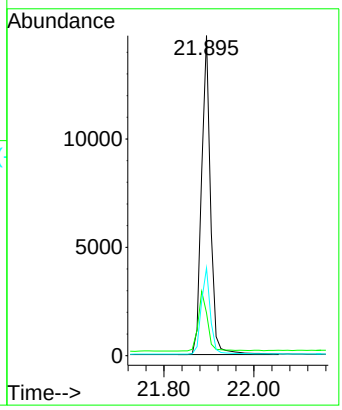
Instrument :
BNA_N
ClientSampleId :

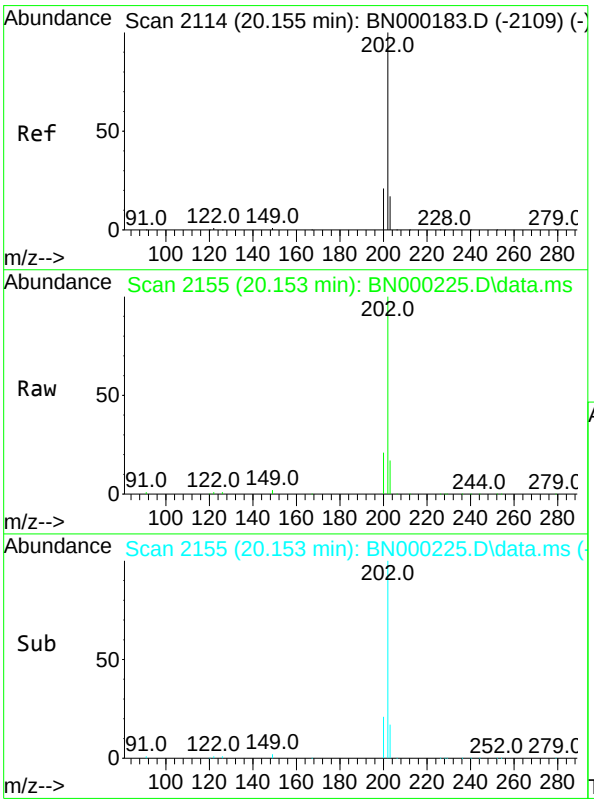


#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.895 min Scan# 2319
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:240 Resp: 20384

Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.5	8.3#
236	27.4	20.7	31.1

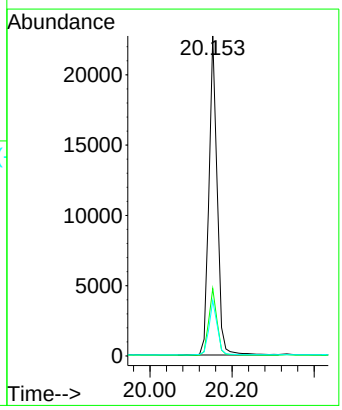




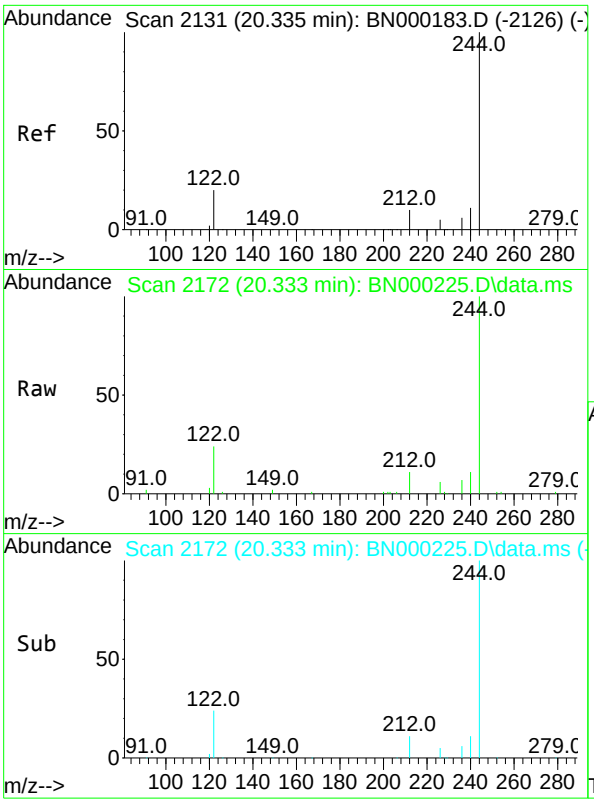
#28
Pyrene
Concen: 0.40 ng
RT: 20.153 min Scan# 2155
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:202 Resp: 31889

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.3	13.8	20.8



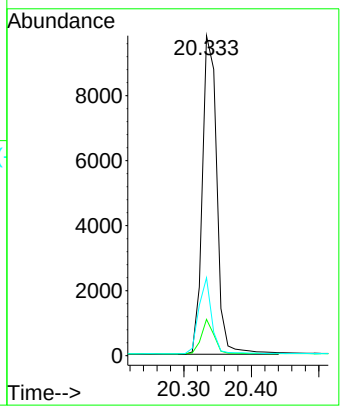
Instrument :
BNA_N
ClientSampleId :

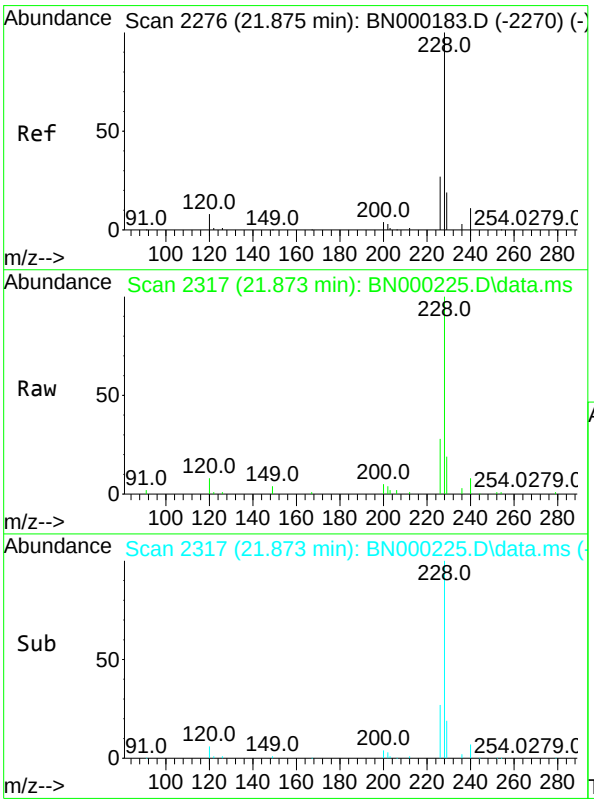


#29
Terphenyl-d14
Concen: 0.41 ng
RT: 20.333 min Scan# 2172
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:244 Resp: 14655

Ion	Ratio	Lower	Upper
244	100		
212	11.4	25.4	38.0#
122	24.4	8.1	12.1#

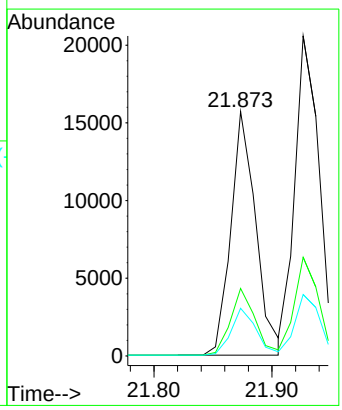




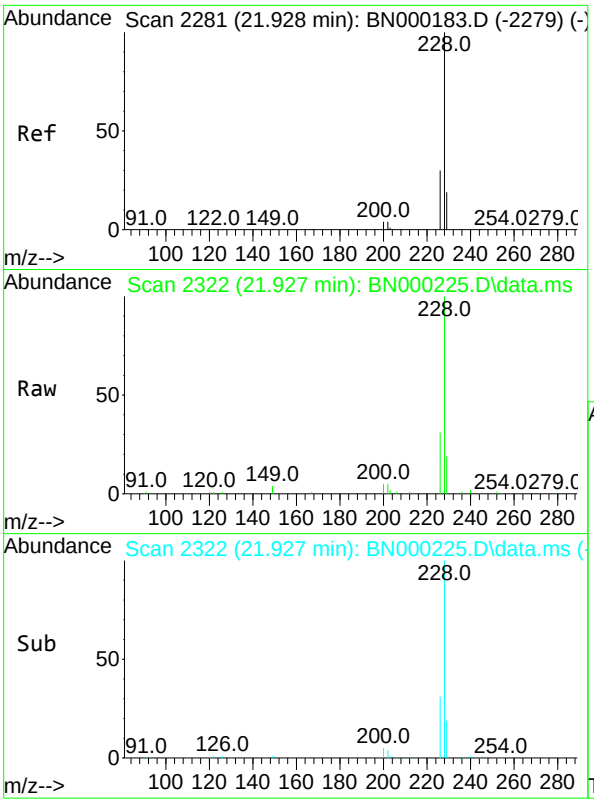
#30
Benzo(a)anthracene
Concen: 0.36 ng
RT: 21.873 min Scan# 2317
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:228 Resp: 23115

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	19.5	16.0	24.0



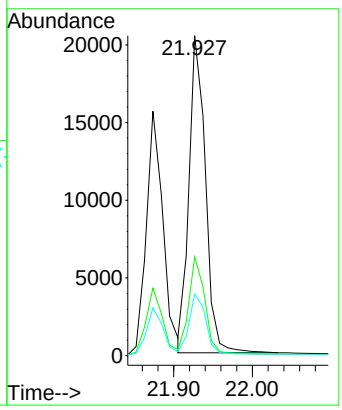
Instrument :
BNA_N
ClientSampleId :

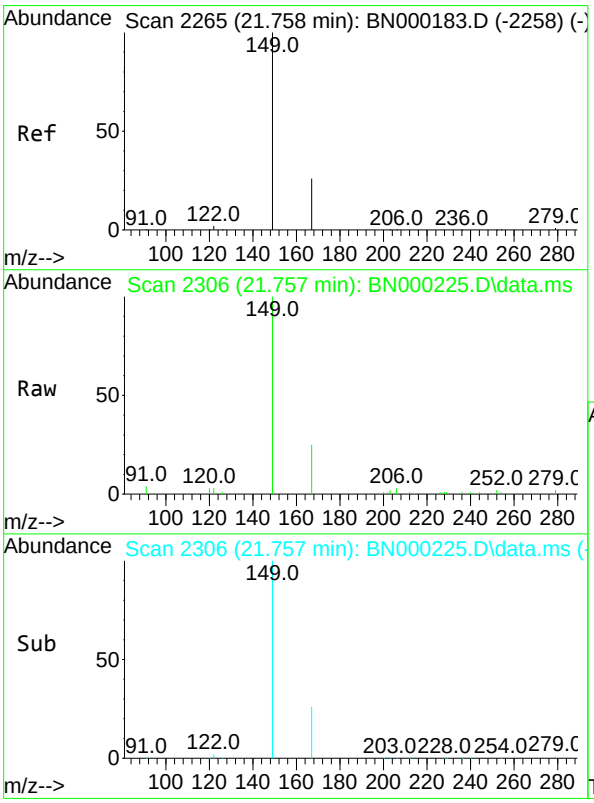


#31
Chrysene
Concen: 0.39 ng
RT: 21.927 min Scan# 2322
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:228 Resp: 29627

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	19.2	16.0	24.0

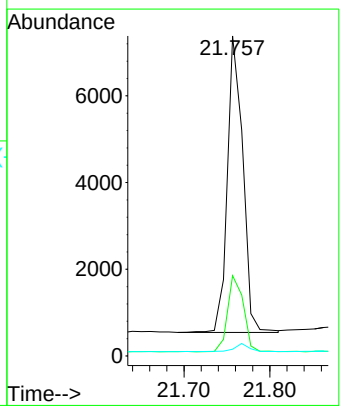




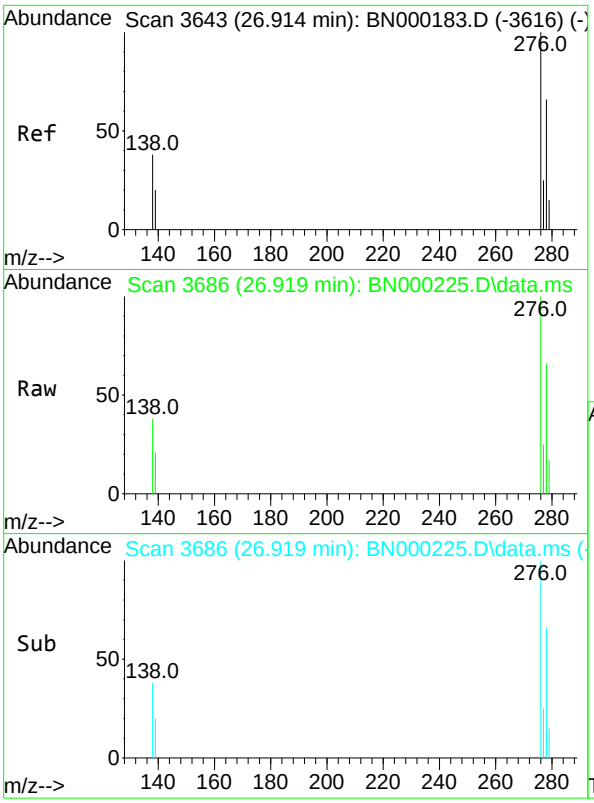
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.757 min Scan# 2306
Delta R.T. -0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:149 Resp: 8551

Ion	Ratio	Lower	Upper
149	100		
167	26.3	20.0	30.0
279	2.7	1.6	2.4#



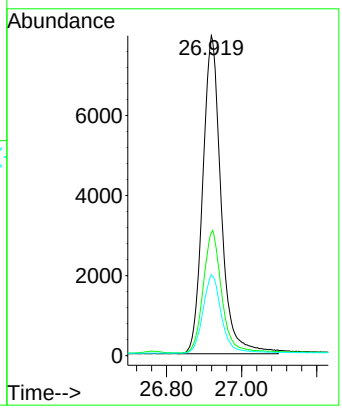
Instrument :
BNA_N
ClientSampleId :

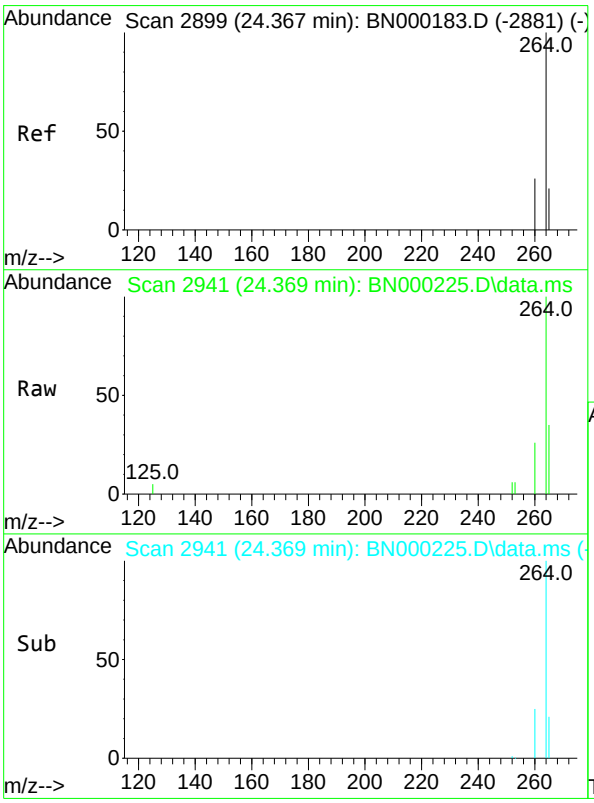


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.919 min Scan# 3686
Delta R.T. 0.005 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:276 Resp: 27009

Ion	Ratio	Lower	Upper
276	100		
138	38.4	22.5	33.7#
277	24.6	19.9	29.9

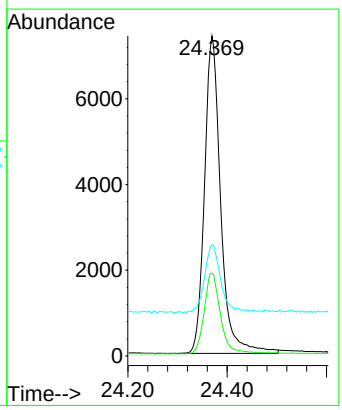


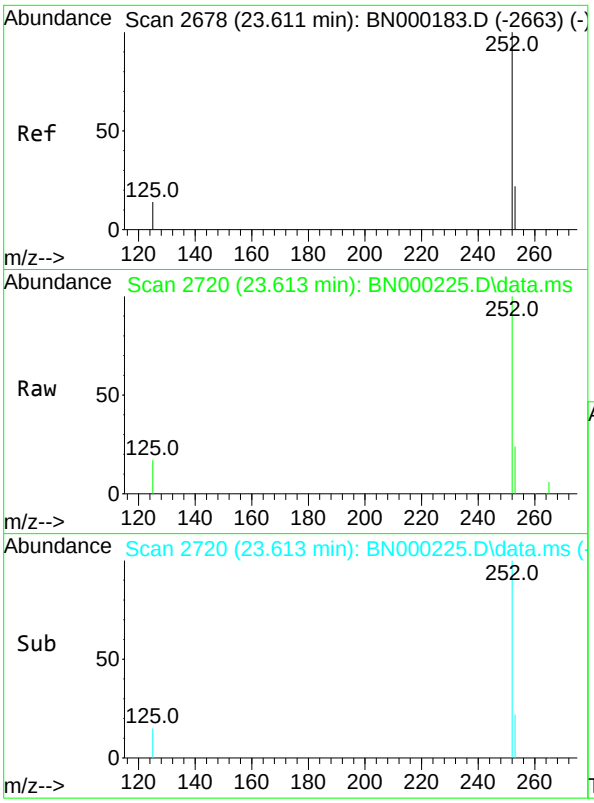


#34
Perylene-d12
Concen: 0.40 ng
RT: 24.369 min Scan# 2941
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:264 Resp: 16752

Ion	Ratio	Lower	Upper
264	100		
260	25.9	20.5	30.7
265	34.7	22.8	34.2#

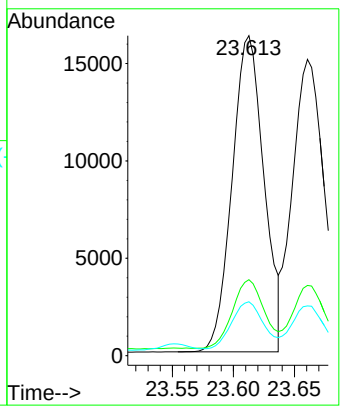




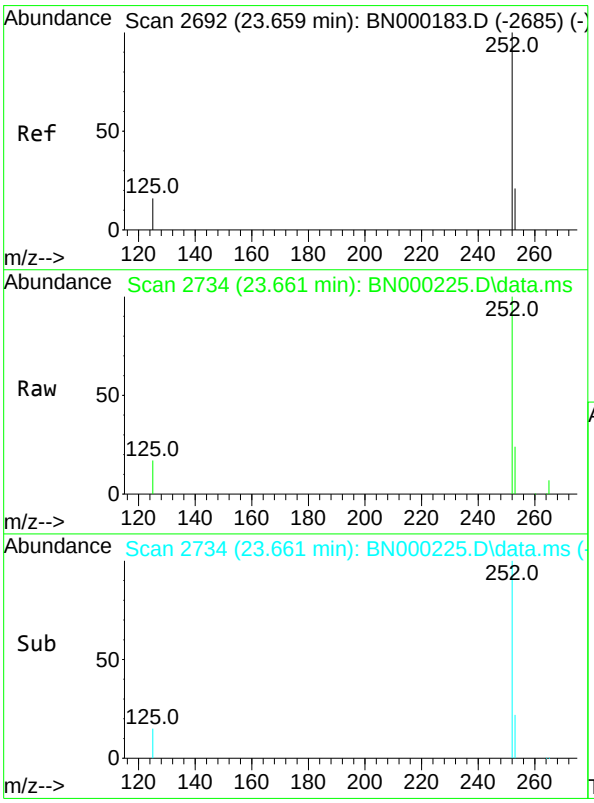
#35
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 23.613 min Scan# 2720
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:252 Resp: 29475

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.0	30.0
125	16.8	16.0	24.0



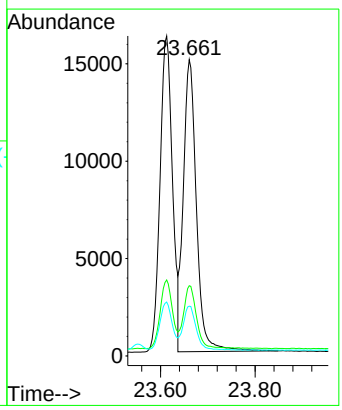
Instrument :
BNA_N
ClientSampleId :



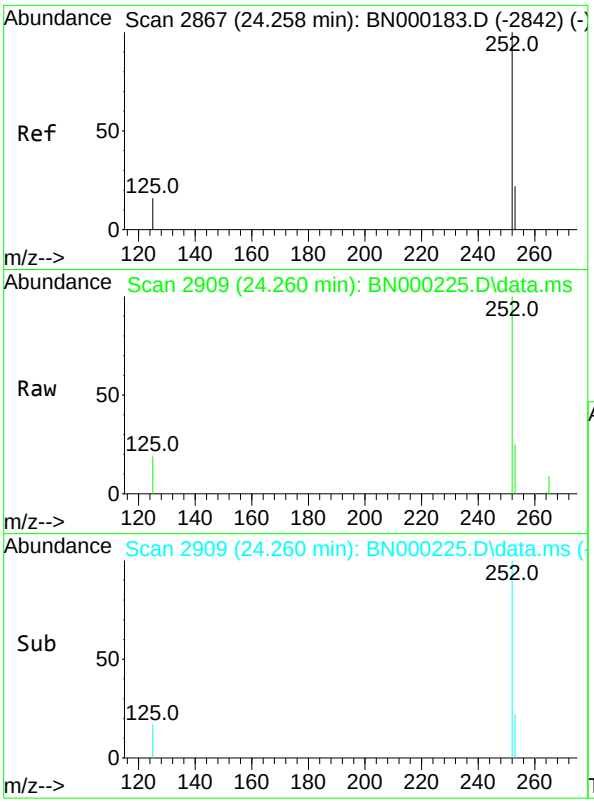
#36
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 23.661 min Scan# 2734
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:252 Resp: 28914

Ion	Ratio	Lower	Upper
252	100		
253	23.7	16.0	24.0
125	16.8	8.0	12.0#



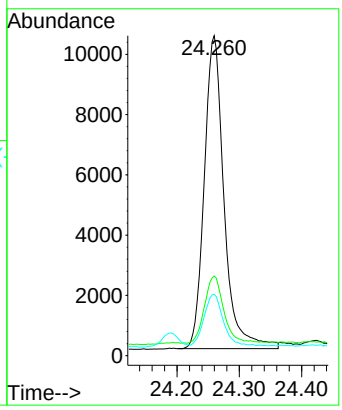
Instrument :
BNA_N
ClientSampleId :

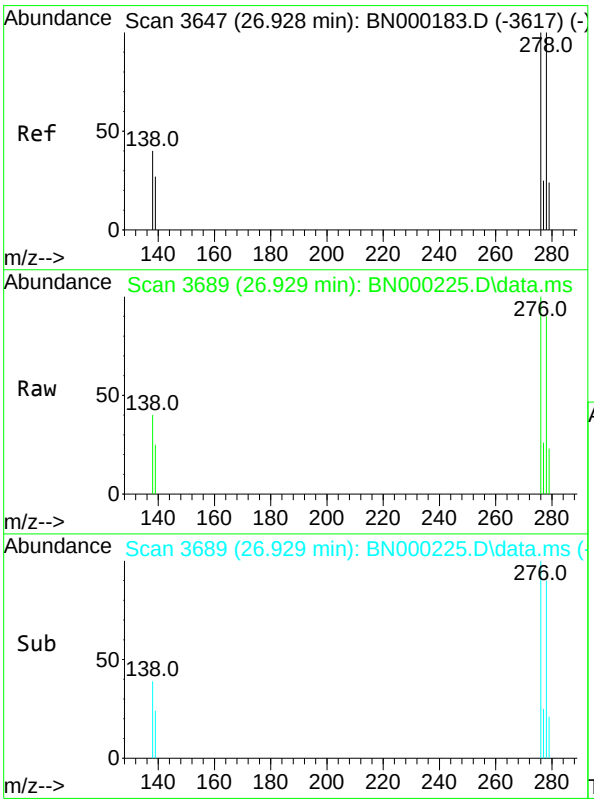


#37
Benzo(a)pyrene
Concen: 0.37 ng
RT: 24.260 min Scan# 2909
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:252 Resp: 22982

Ion	Ratio	Lower	Upper
252	100		
253	24.9	16.0	24.0#
125	19.2	12.0	18.0#

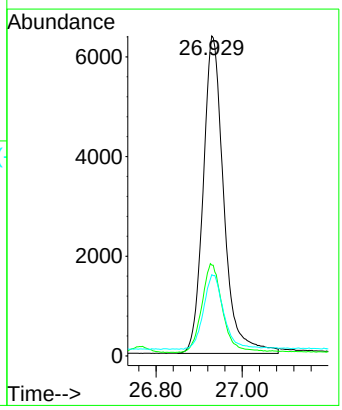


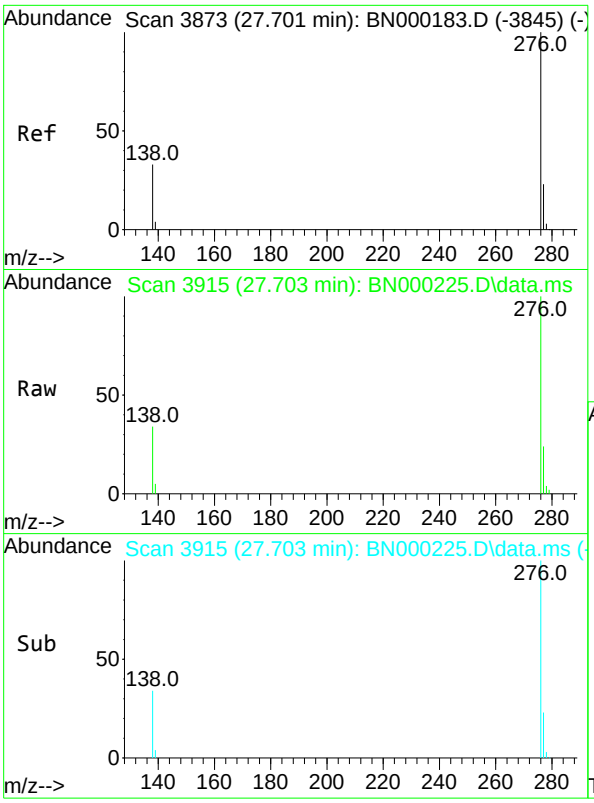


#38
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 26.929 min Scan# 3689
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:278 Resp: 21126

Ion	Ratio	Lower	Upper
278	100		
139	28.4	16.0	24.0#
279	25.4	20.0	30.0

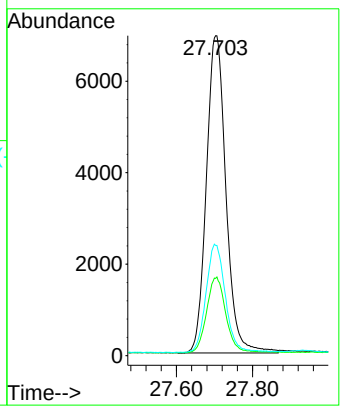




#39
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 27.703 min Scan# 3915
Delta R.T. 0.002 min
Lab File: BN000225.D
Acq: 01 Mar 2018 19:39

Tgt Ion:276 Resp: 24807

Ion	Ratio	Lower	Upper
276	100		
277	24.2	16.0	24.0#
138	34.5	20.0	30.0#



Instrument :
BNA_N
ClientSampleId :