Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
Data File : BN011928.D
Acq On : 25 Sep 2020 01:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Sep 25 01:41:43 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

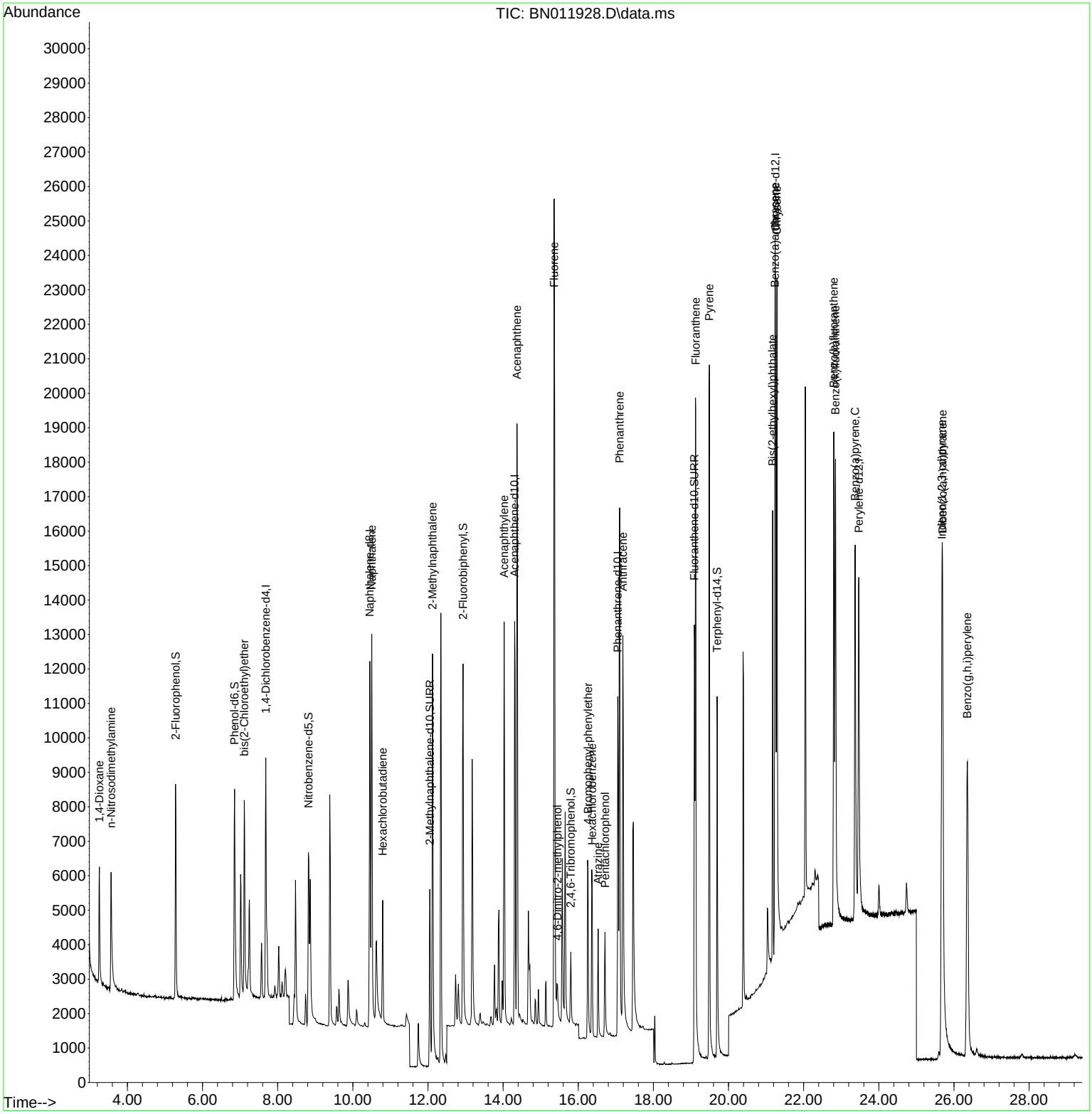
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.683	152	3465	0.40	ng		0.00
7) Naphthalene-d8	10.453	136	14585	0.40	ng		#-0.01
13) Acenaphthene-d10	14.306	164	7822	0.40	ng		-0.01
19) Phenanthrene-d10	17.053	188	15725	0.40	ng		#-0.01
29) Chrysene-d12	21.248	240	14087	0.40	ng		#-0.02
36) Perylene-d12	23.466	264	14386	0.40	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	4652	0.38	ng		0.00
5) Phenol-d6	6.853	99	5895	0.39	ng		0.00
8) Nitrobenzene-d5	8.818	82	5435	0.36	ng		-0.01
11) 2-Methylnaphthalene-d10	12.051	152	8416	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.803	330	1446	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.936	172	10592	0.36	ng		0.00
27) Fluoranthene-d10	19.092	212	16158	0.35	ng		0.00
31) Terphenyl-d14	19.697	244	12421	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	2172	0.36	ng		97
3) n-Nitrosodimethylamine	3.567	42	3259	0.38	ng		91
6) bis(2-Chloroethyl)ether	7.111	93	4822	0.37	ng		95
9) Naphthalene	10.503	128	15230	0.36	ng		98
10) Hexachlorobutadiene	10.795	225	2546	0.37	ng	#	100
12) 2-Methylnaphthalene	12.122	142	9738	0.37	ng		97
16) Acenaphthylene	14.027	152	13351	0.35	ng		99
17) Acenaphthene	14.369	154	9200	0.36	ng		91
18) Fluorene	15.359	166	11241	0.36	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	973	0.33	ng	#	43
21) 4-Bromophenyl-phenylether	16.262	248	3041	0.36	ng	#	88
22) Hexachlorobenzene	16.372	284	3658	0.38	ng	#	85
23) Atrazine	16.530	200	2826	0.35	ng		96
24) Pentachlorophenol	16.712	266	1668	0.35	ng		98
25) Phenanthrene	17.102	178	17167	0.36	ng		99
26) Anthracene	17.187	178	14927	0.35	ng		99
28) Fluoranthene	19.127	202	19393	0.36	ng	#	96
30) Pyrene	19.489	202	19779	0.38	ng		100
32) Benzo(a)anthracene	21.237	228	15629	0.35	ng		99
33) Chrysene	21.290	228	18954	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.173	149	10714	0.34	ng		92
35) Indeno(1,2,3-cd)pyrene	25.681	276	21445	0.39	ng	#	92
37) Benzo(b)fluoranthene	22.802	252	17131	0.35	ng	#	85
38) Benzo(k)fluoranthene	22.847	252	19918	0.37	ng	#	88
39) Benzo(a)pyrene	23.371	252	16879	0.37	ng	#	78
40) Dibenzo(a,h)anthracene	25.698	278	17344	0.37	ng	#	88
41) Benzo(g,h,i)perylene	26.355	276	19107	0.38	ng	#	90

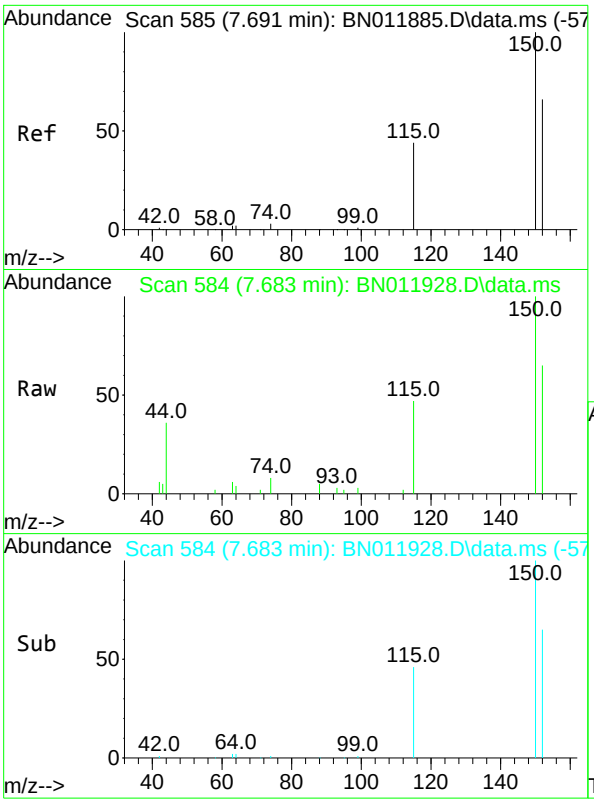
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092420\
Data File : BN011928.D
Acq On : 25 Sep 2020 01:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 25 01:41:43 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 23 18:41:41 2020
Response via : Initial Calibration

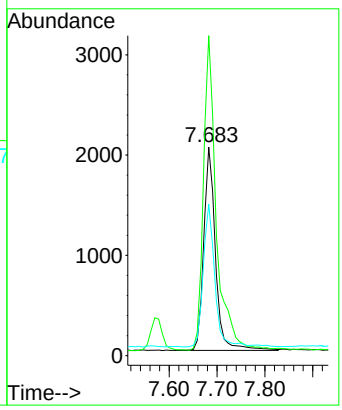




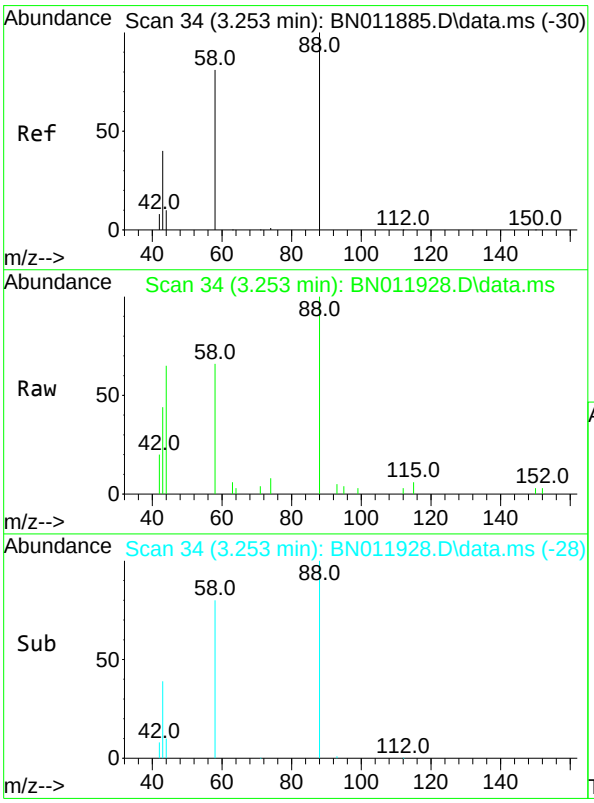
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.683 min Scan# 584
Delta R.T. -0.008 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:152 Resp: 3465

Ion	Ratio	Lower	Upper
152	100		
150	153.5	118.3	177.5
115	72.6	51.3	76.9



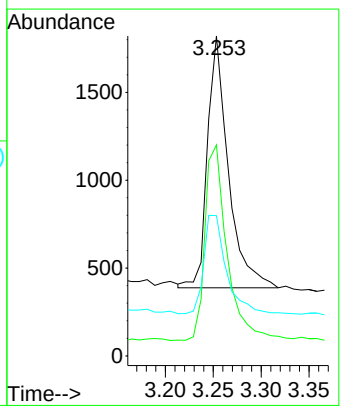
Instrument :
BNA_N
ClientSampleId :

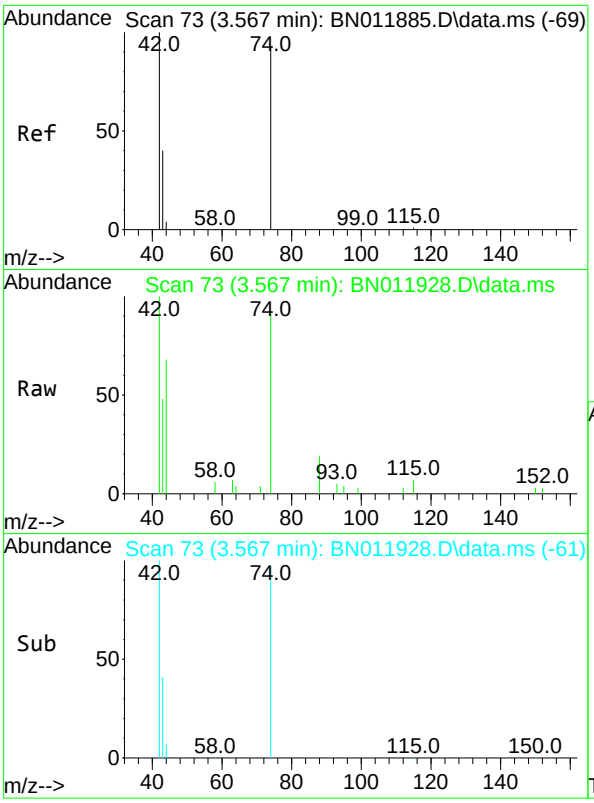


#2
1,4-Dioxane
Concen: 0.36 ng
RT: 3.253 min Scan# 34
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion: 88 Resp: 2172

Ion	Ratio	Lower	Upper
88	100		
58	82.0	63.3	94.9
43	41.9	33.0	49.4

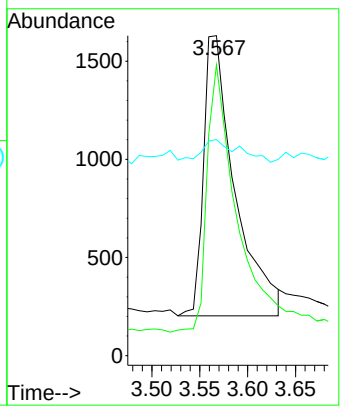




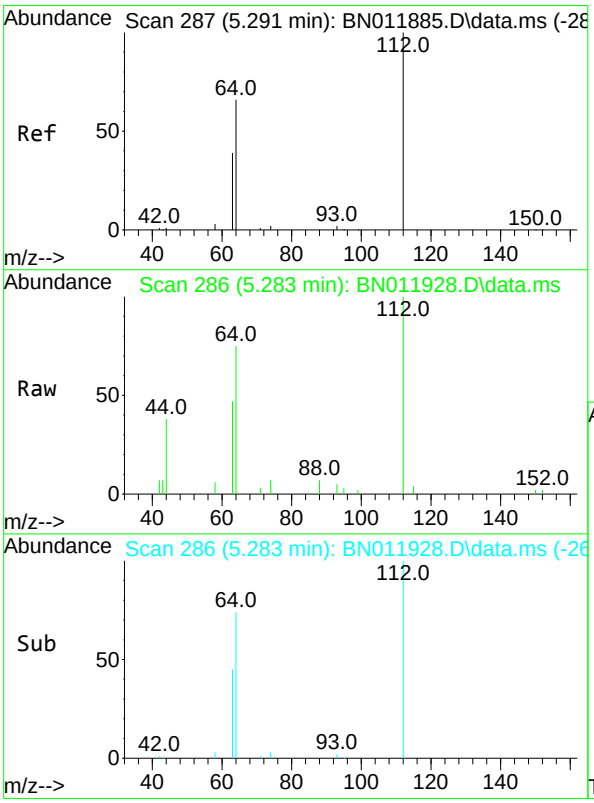
#3
n-Nitrosodimethylamine
Concen: 0.38 ng
RT: 3.567 min Scan# 73
Delta R.T. 0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion: 42 Resp: 3259

Ion	Ratio	Lower	Upper
42	100		
74	88.8	64.4	96.6
44	9.2	6.7	10.1



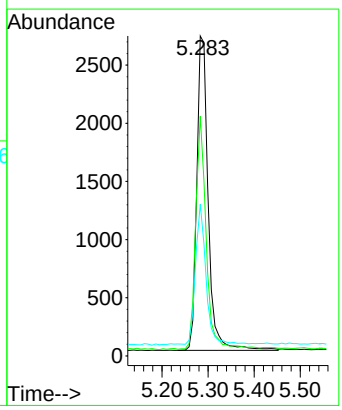
Instrument :
BNA_N
ClientSampleId :



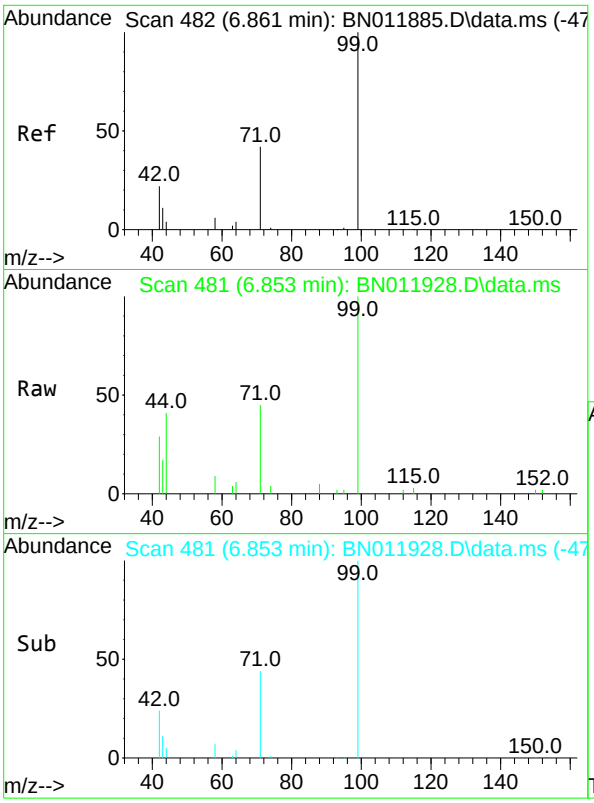
#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.283 min Scan# 286
Delta R.T. -0.008 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:112 Resp: 4652

Ion	Ratio	Lower	Upper
112	100		
64	68.1	49.0	73.6
63	40.4	31.8	47.6



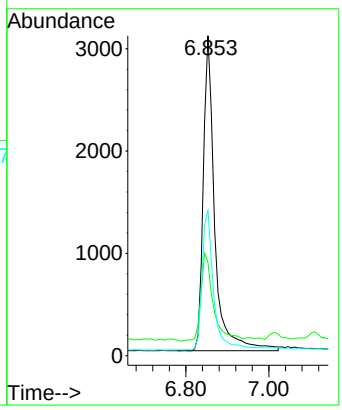
Instrument :
BNA_N
ClientSampleId :

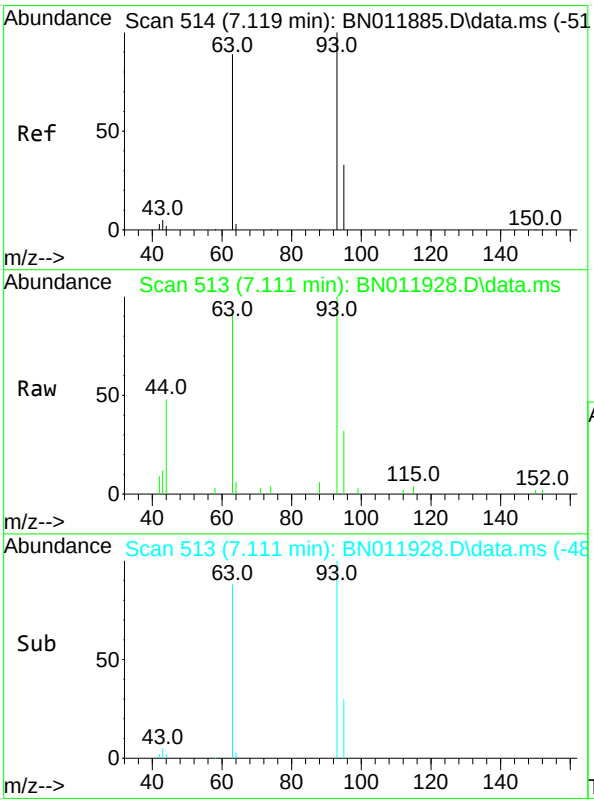


#5
Phenol-d6
Concen: 0.39 ng
RT: 6.853 min Scan# 481
Delta R.T. -0.008 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion: 99 Resp: 5895

Ion	Ratio	Lower	Upper
99	100		
42	30.3	23.4	35.0
71	44.9	38.1	57.1

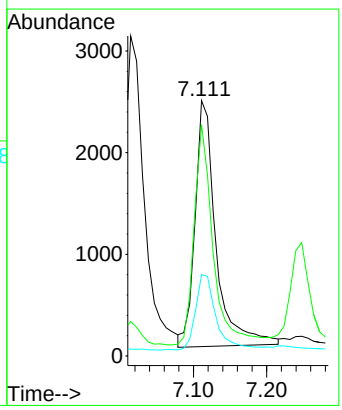




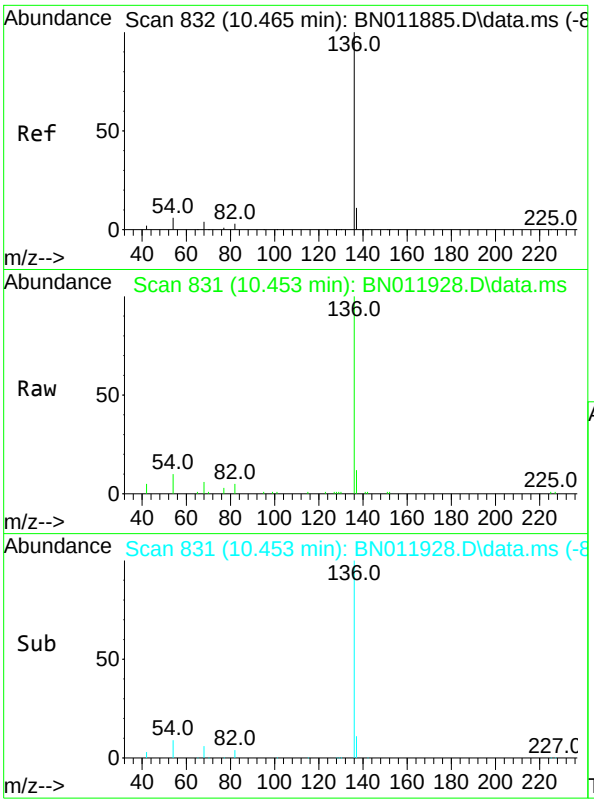
#6
bis(2-Chloroethyl)ether
Concen: 0.37 ng
RT: 7.111 min Scan# 513
Delta R.T. -0.008 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion: 93 Resp: 4822

Ion	Ratio	Lower	Upper
93	100		
63	81.2	61.1	91.7
95	30.3	25.5	38.3



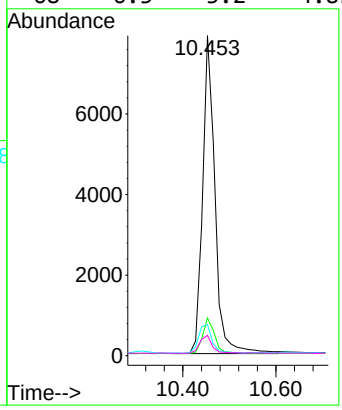
Instrument :
BNA_N
ClientSampleId :

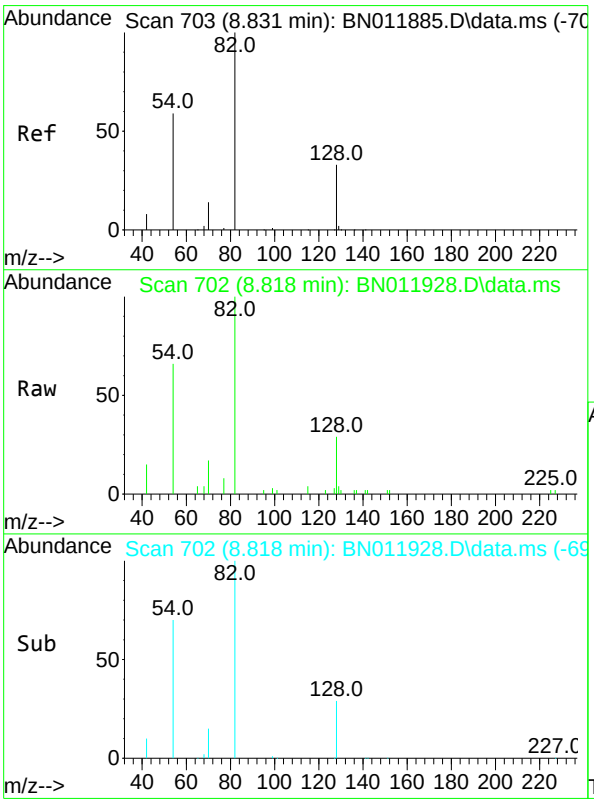


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.453 min Scan# 831
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:136 Resp: 14585

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.5	14.3
54	9.7	5.6	8.4#
68	6.3	3.2	4.8#

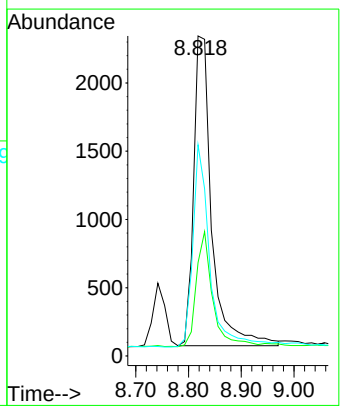


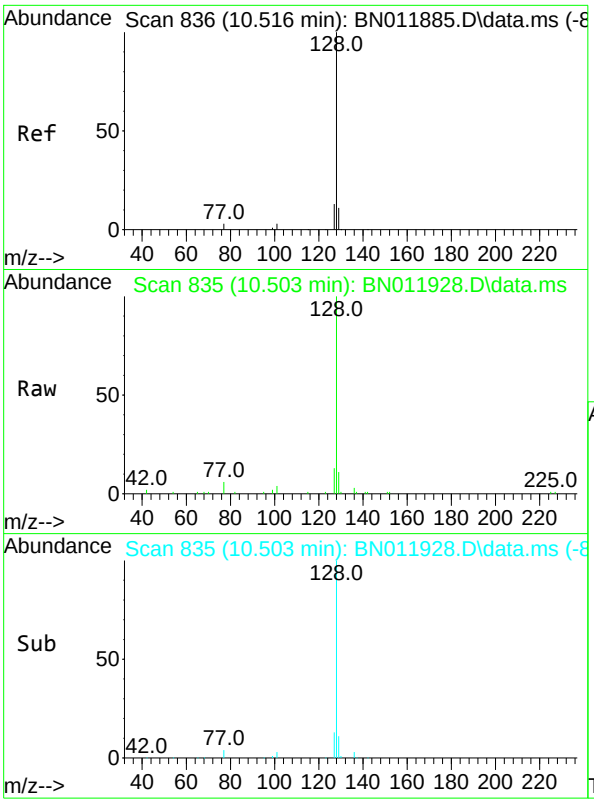


#8
Nitrobenzene-d5
Concen: 0.36 ng
RT: 8.818 min Scan# 702
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion: 82 Resp: 5435

Ion	Ratio	Lower	Upper
82	100		
128	29.2	34.2	51.2#
54	66.0	43.1	64.7#

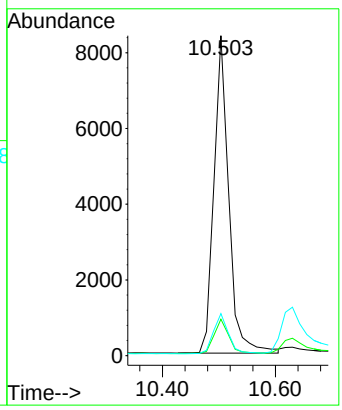




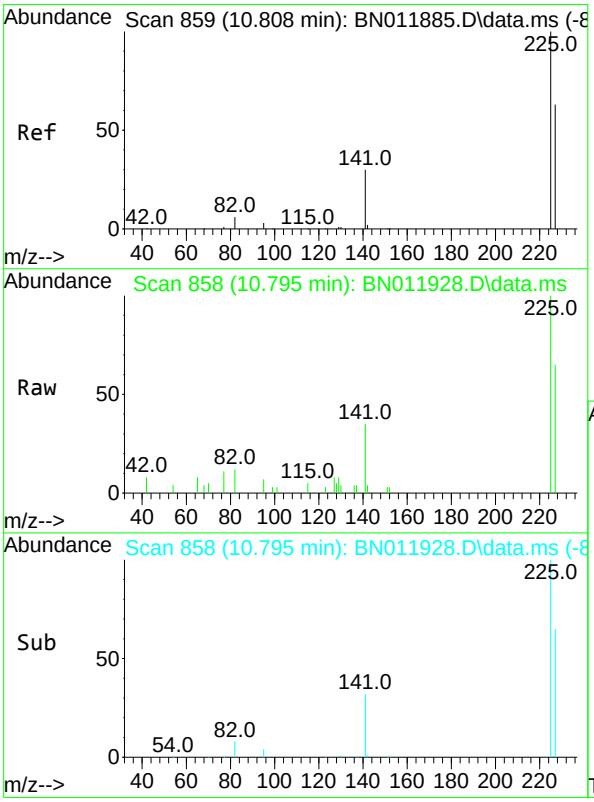
#9
Naphthalene
Concen: 0.36 ng
RT: 10.503 min Scan# 835
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:128 Resp: 15230

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.7	14.5
127	13.1	11.0	16.4



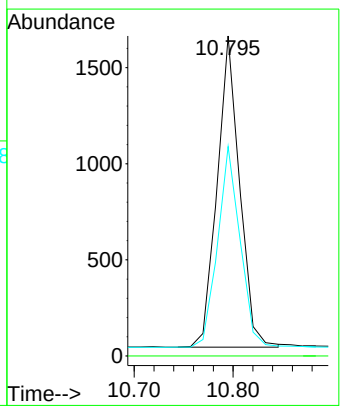
Instrument :
BNA_N
ClientSampleId :



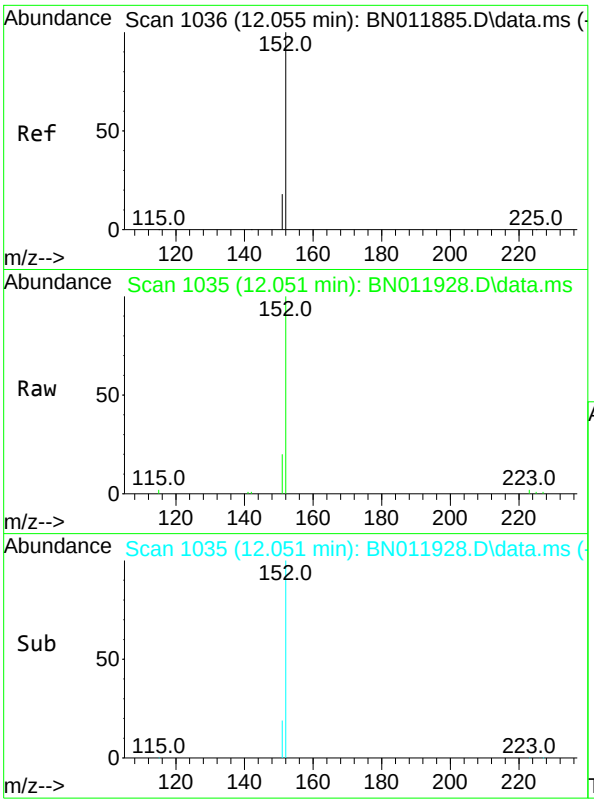
#10
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.795 min Scan# 858
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:225 Resp: 2546

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.9	77.9



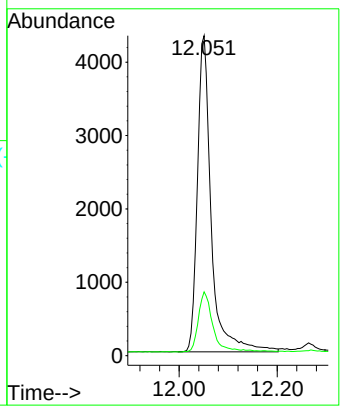
Instrument :
BNA_N
ClientSampleId :

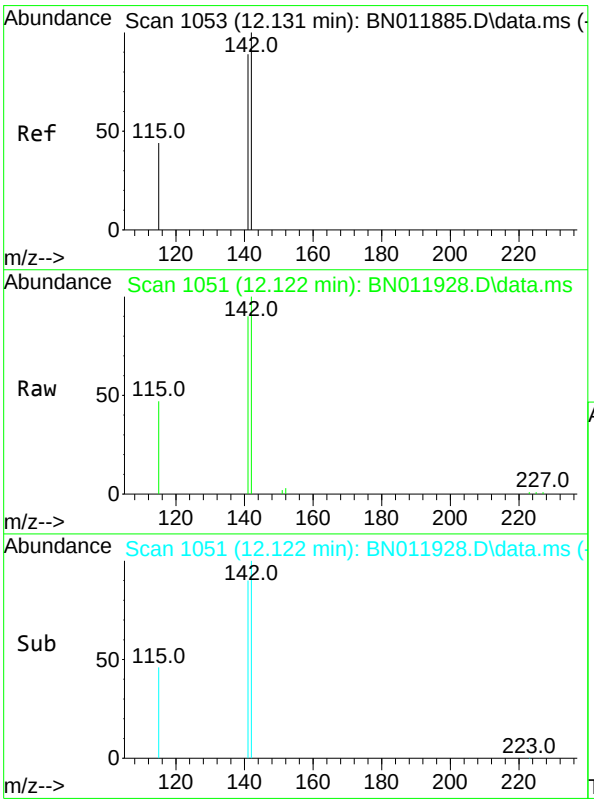


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.051 min Scan# 1035
Delta R.T. -0.004 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:152 Resp: 8416

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1

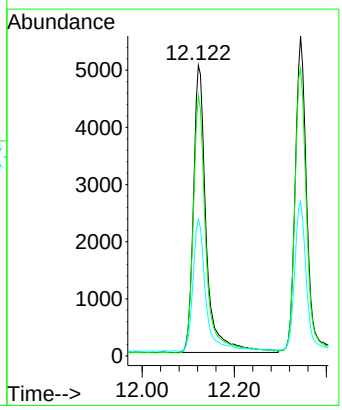




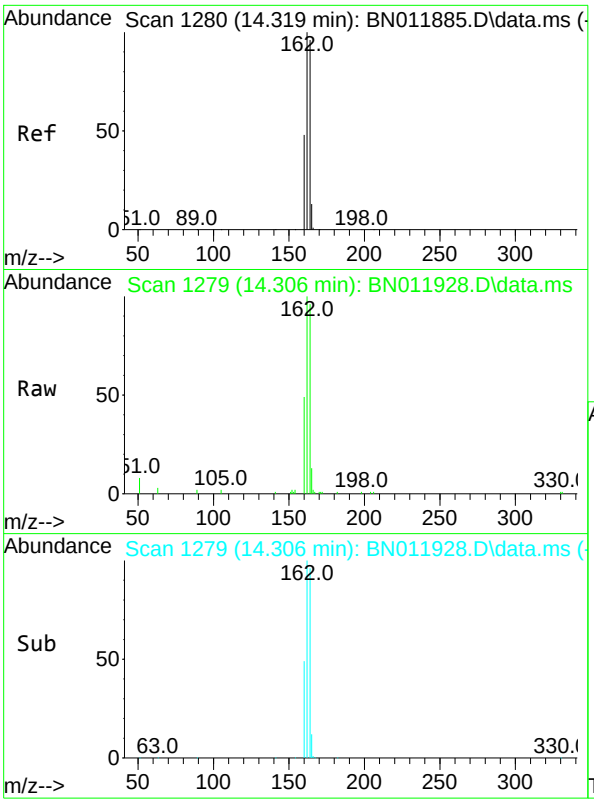
#12
2-Methylnaphthalene
Concen: 0.37 ng
RT: 12.122 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:142 Resp: 9738

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.0	105.0
115	47.0	35.8	53.6



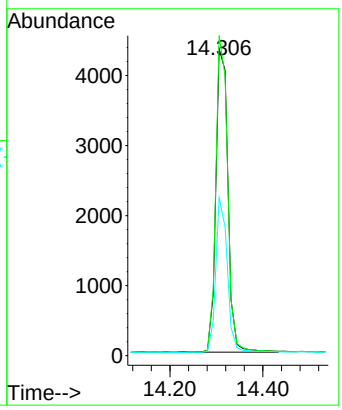
Instrument :
BNA_N
ClientSampleId :

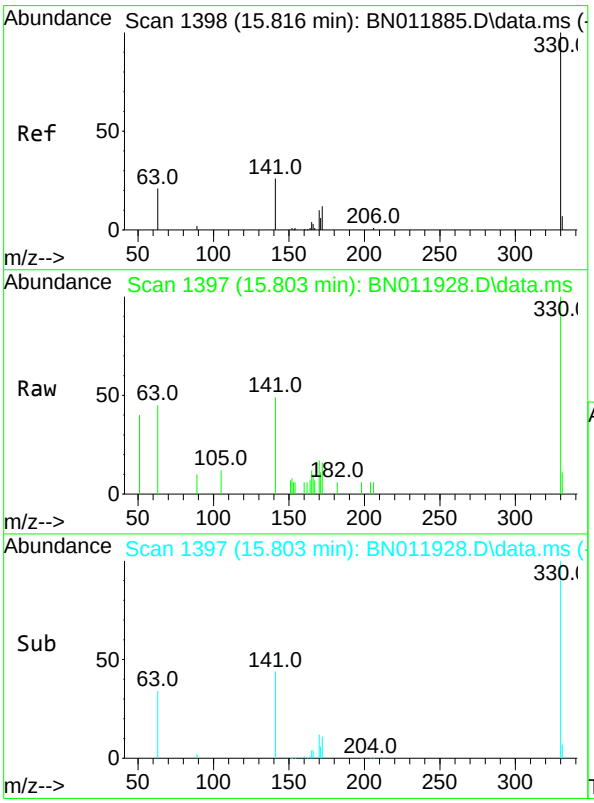


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.306 min Scan# 1279
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:164 Resp: 7822

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.6	125.4
160	51.4	41.2	61.8

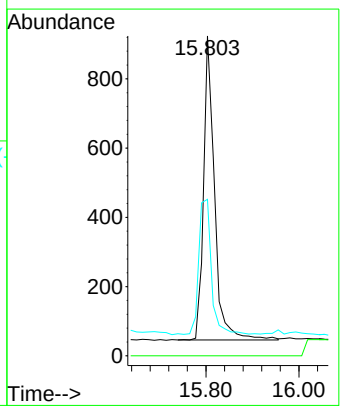




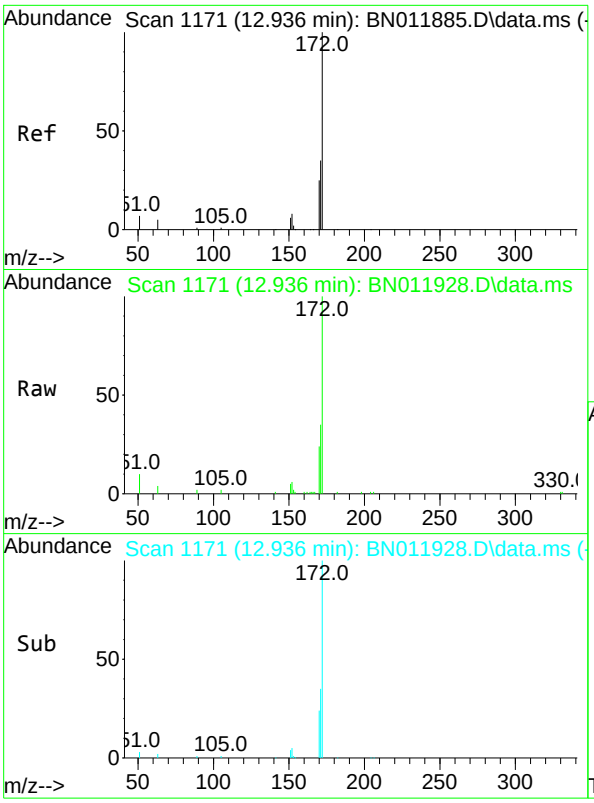
#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.803 min Scan# 1397
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:330 Resp: 1446

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	51.1	33.7	50.5#



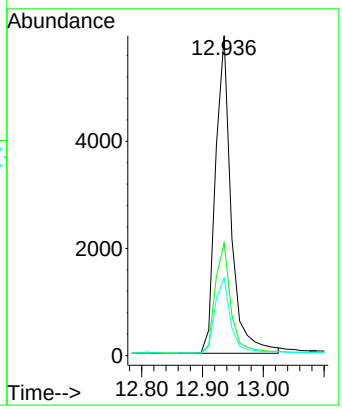
Instrument :
BNA_N
ClientSampleId :

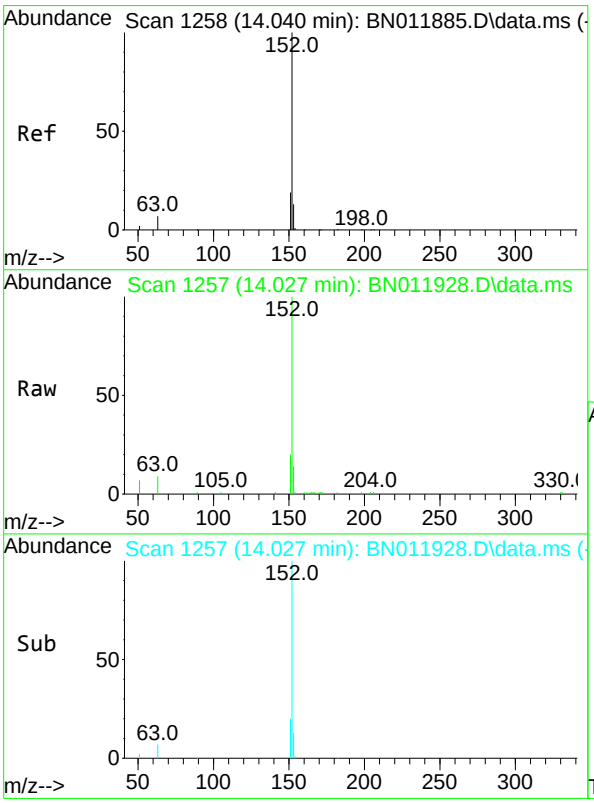


#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 12.936 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:172 Resp: 10592

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.4	41.2
170	24.3	17.8	26.6

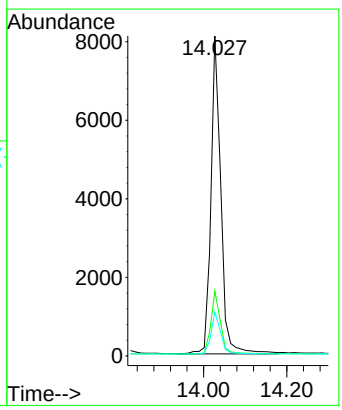




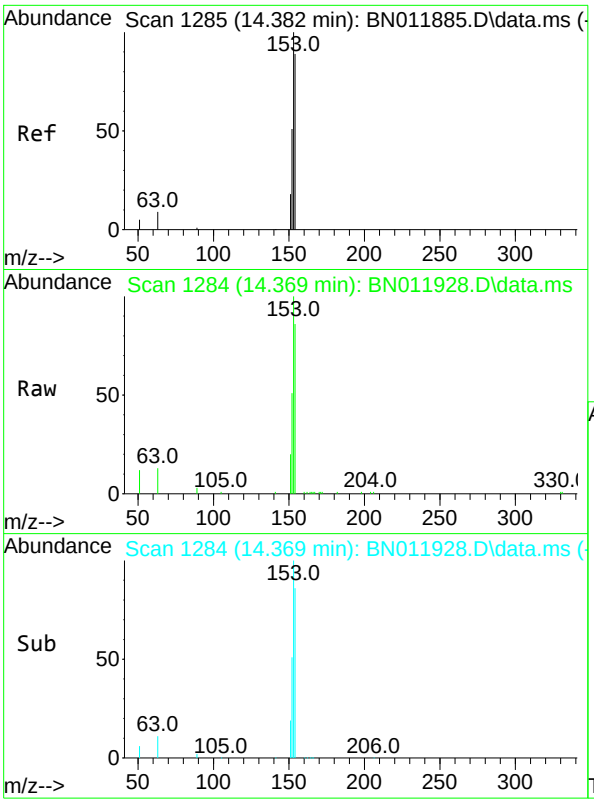
#16
Acenaphthylene
Concen: 0.35 ng
RT: 14.027 min Scan# 1257
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:152 Resp: 13351

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.9	23.9
153	13.1	10.5	15.7



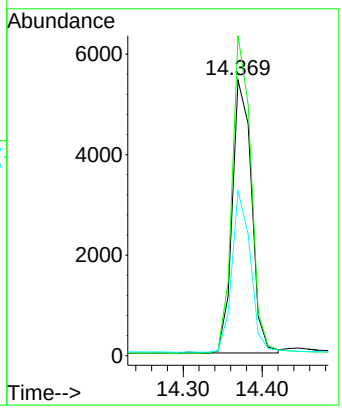
Instrument :
BNA_N
ClientSampleId :

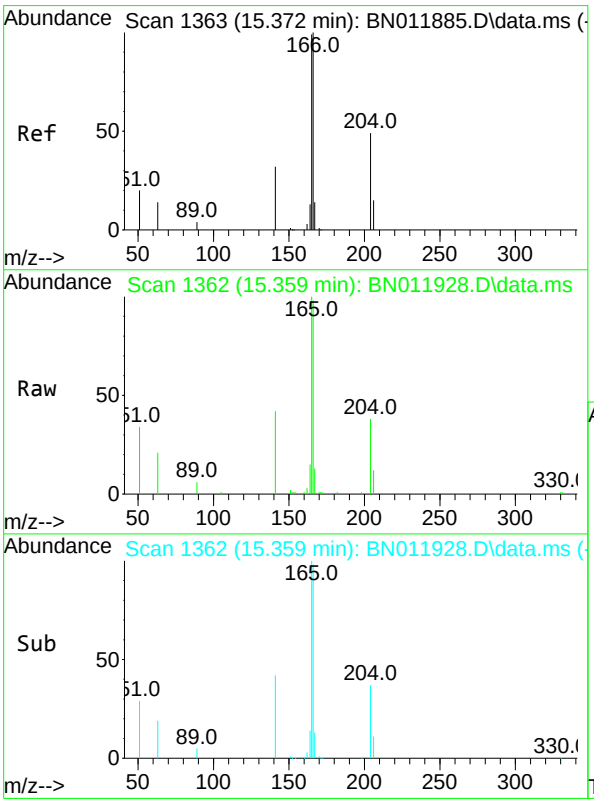


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.369 min Scan# 1284
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:154 Resp: 9200

Ion	Ratio	Lower	Upper
154	100		
153	115.3	83.4	125.2
152	57.6	42.8	64.2

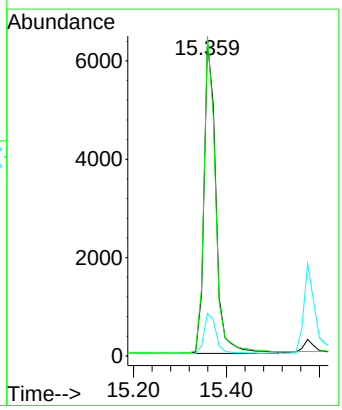




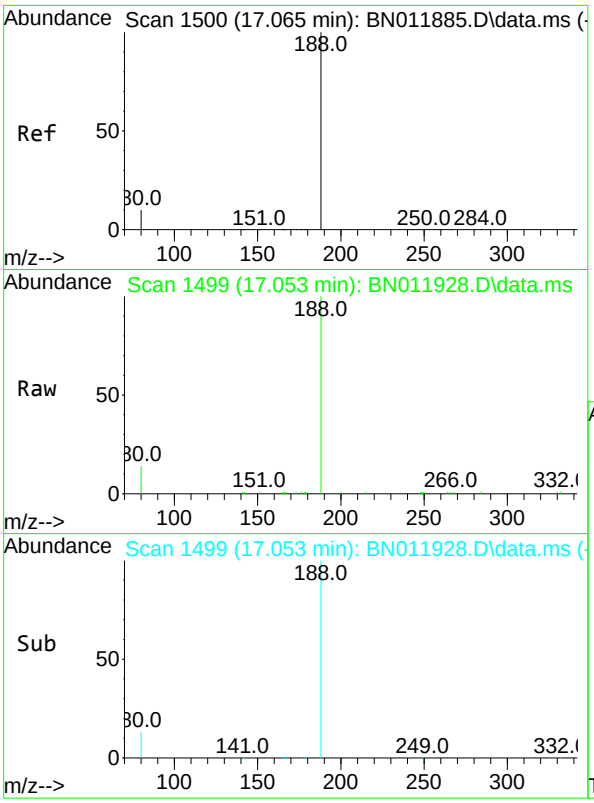
#18
Fluorene
Concen: 0.36 ng
RT: 15.359 min Scan# 1362
Delta R.T. -0.013 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:166 Resp: 11241

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.8	118.2
167	13.2	11.2	16.8



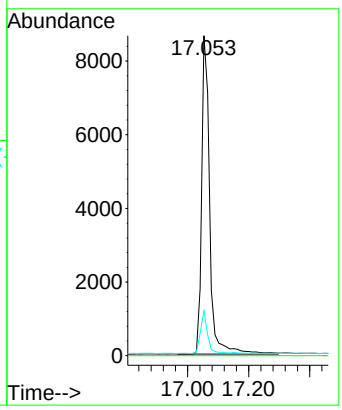
Instrument :
BNA_N
ClientSampleId :

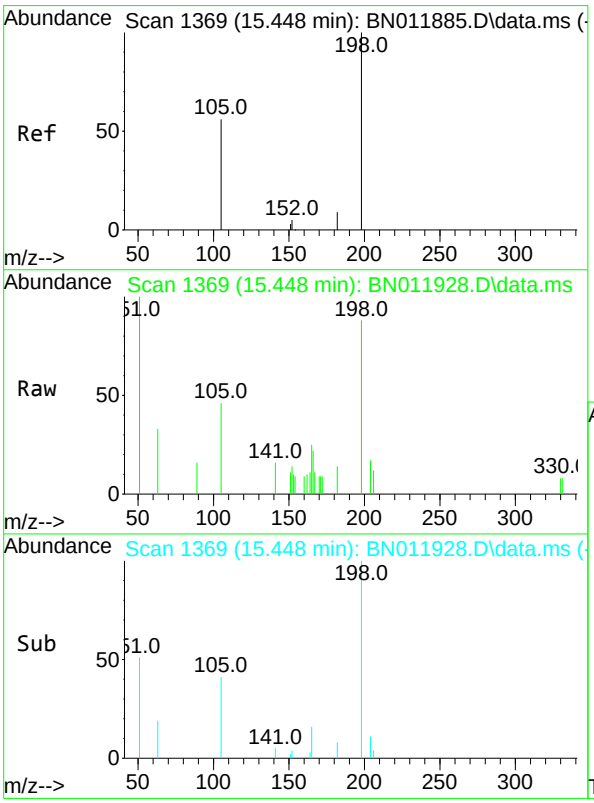


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.053 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:188 Resp: 15725

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	7.7	11.5#

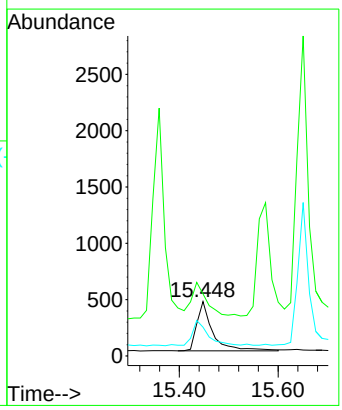


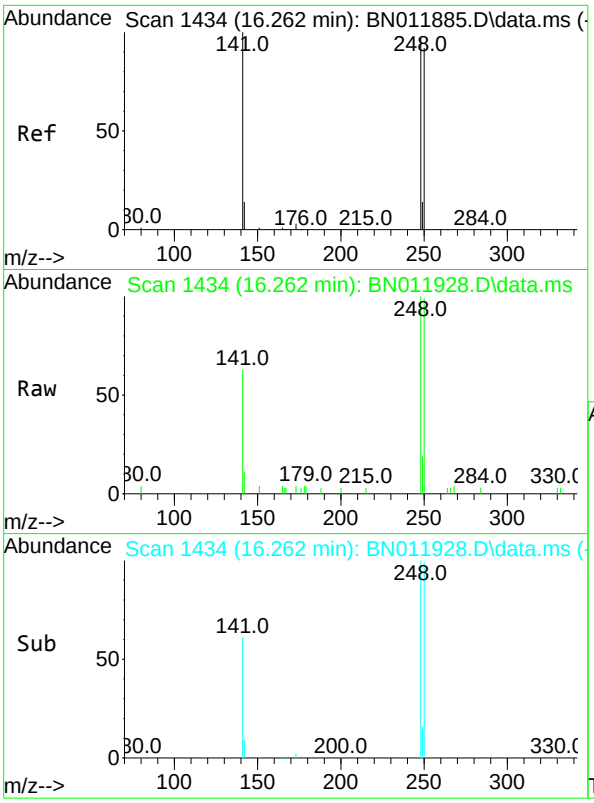


#20
4,6-Dinitro-2-methylphenol
Concen: 0.33 ng
RT: 15.448 min Scan# 1369
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:198 Resp: 973

Ion	Ratio	Lower	Upper
198	100		
51	114.1	45.0	67.4#
105	53.0	30.4	45.6#

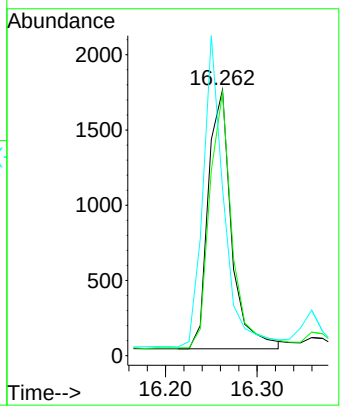




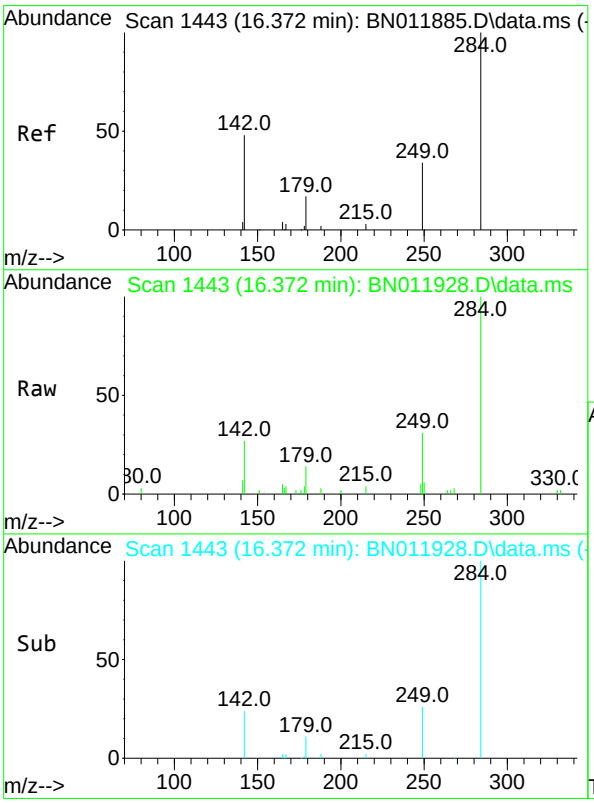
#21
4-Bromophenyl-phenylether
Concen: 0.36 ng
RT: 16.262 min Scan# 1434
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:248 Resp: 3041

Ion	Ratio	Lower	Upper
248	100		
250	99.1	82.7	124.1
141	62.8	33.7	50.5#



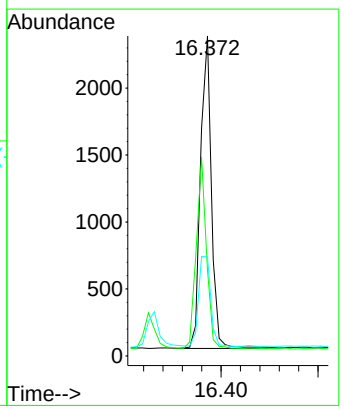
Instrument :
BNA_N
ClientSampleId :

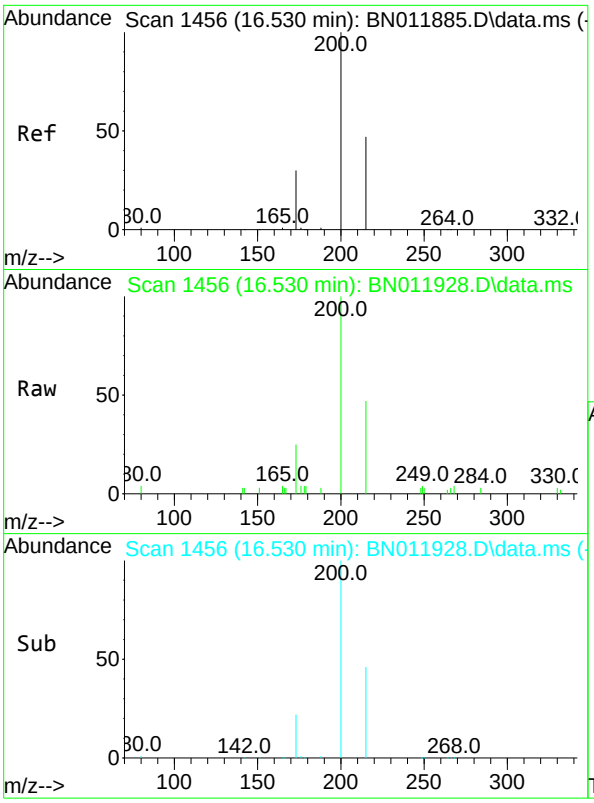


#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.372 min Scan# 1443
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:284 Resp: 3658

Ion	Ratio	Lower	Upper
284	100		
142	56.6	32.4	48.6#
249	32.1	26.8	40.2

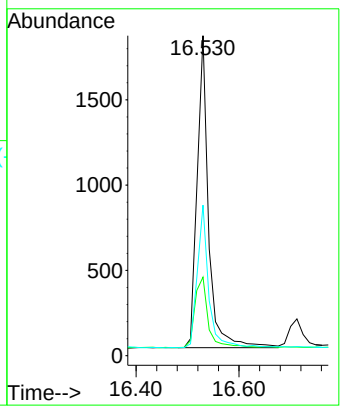




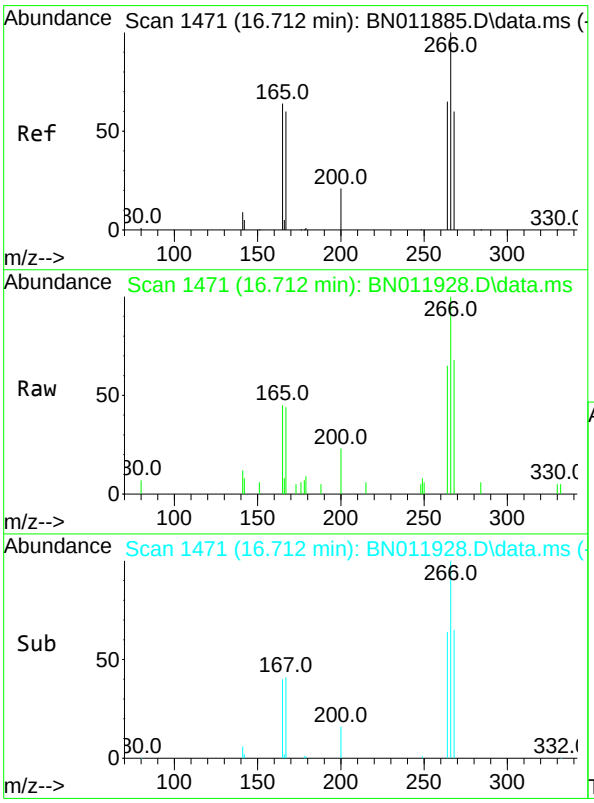
#23
Atrazine
Concen: 0.35 ng
RT: 16.530 min Scan# 1456
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:200 Resp: 2826

Ion	Ratio	Lower	Upper
200	100		
173	24.6	18.7	28.1
215	47.1	40.2	60.4



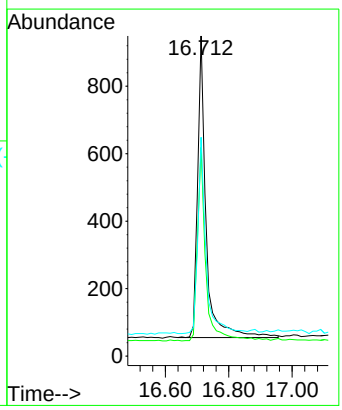
Instrument :
BNA_N
ClientSampleId :



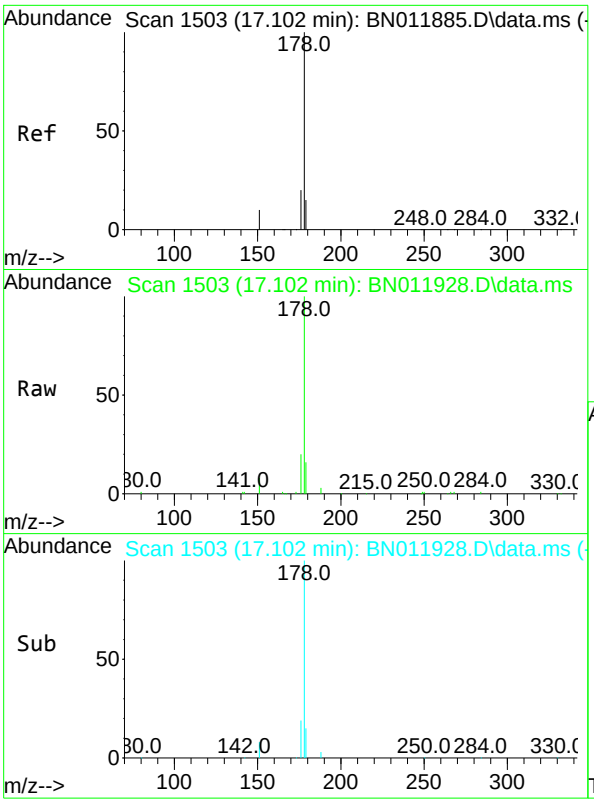
#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.712 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:266 Resp: 1668

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.2	76.8
268	62.6	52.4	78.6



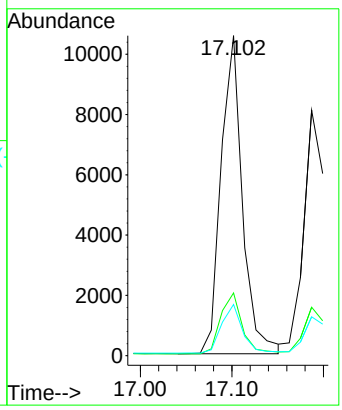
Instrument :
BNA_N
ClientSampleId :

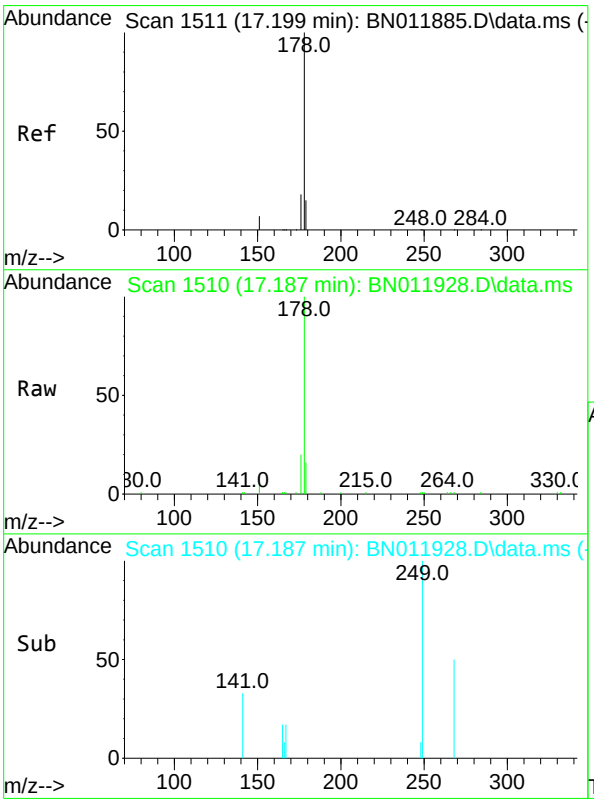


#25
Phenanthrene
Concen: 0.36 ng
RT: 17.102 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:178 Resp: 17167

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	15.1	12.3	18.5

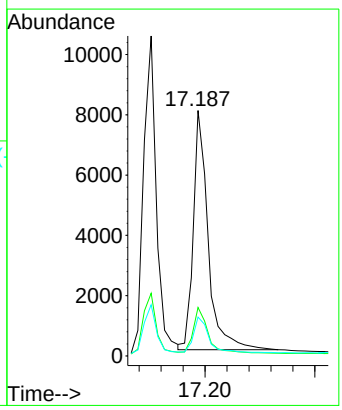




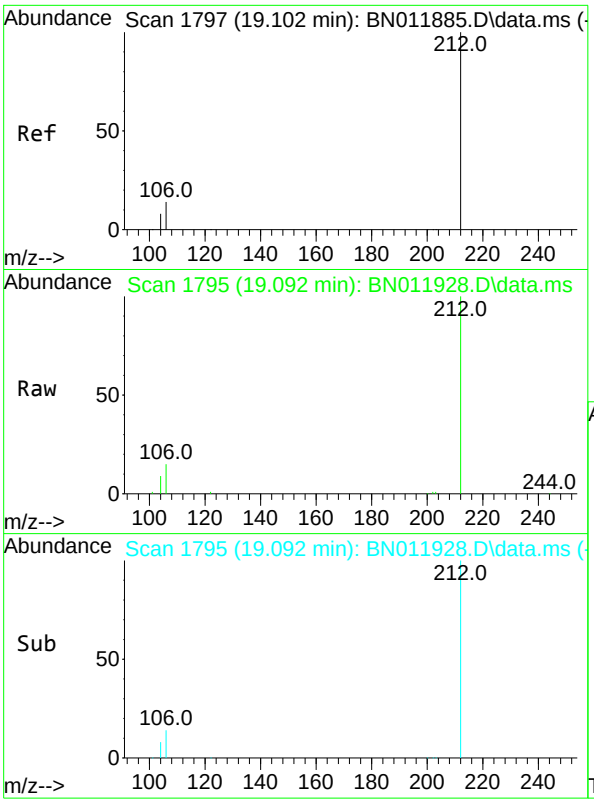
#26
Anthracene
Concen: 0.35 ng
RT: 17.187 min Scan# 1510
Delta R.T. -0.012 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:178 Resp: 14927

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.4	12.4	18.6



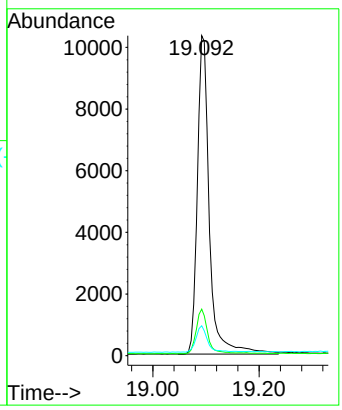
Instrument :
BNA_N
ClientSampleId :

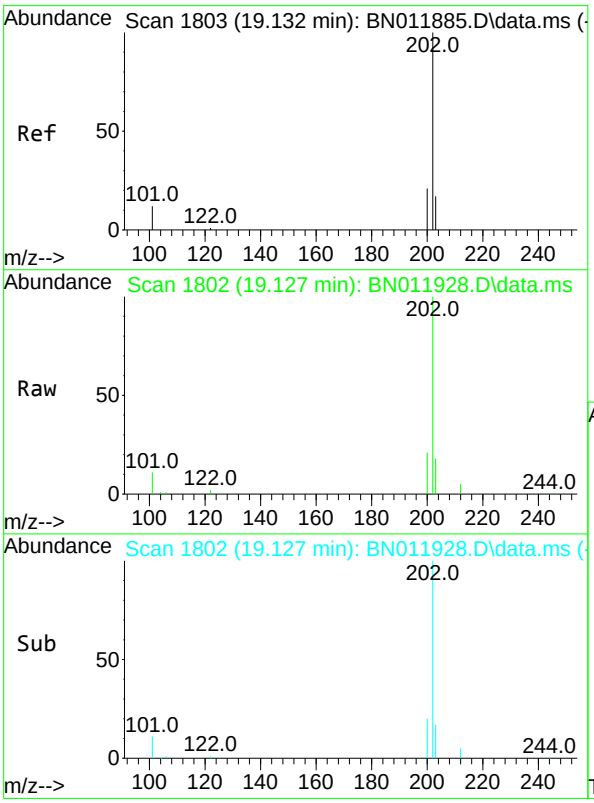


#27
Fluoranthene-d10
Concen: 0.35 ng
RT: 19.092 min Scan# 1795
Delta R.T. -0.010 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:212 Resp: 16158

Ion	Ratio	Lower	Upper
212	100		
106	13.2	6.4	9.6#
104	7.8	3.9	5.9#

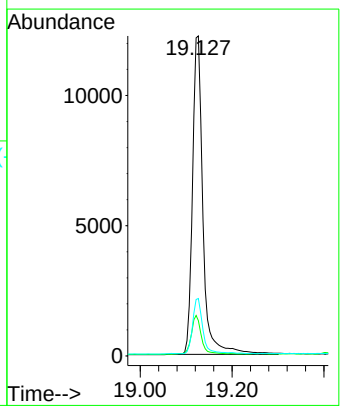


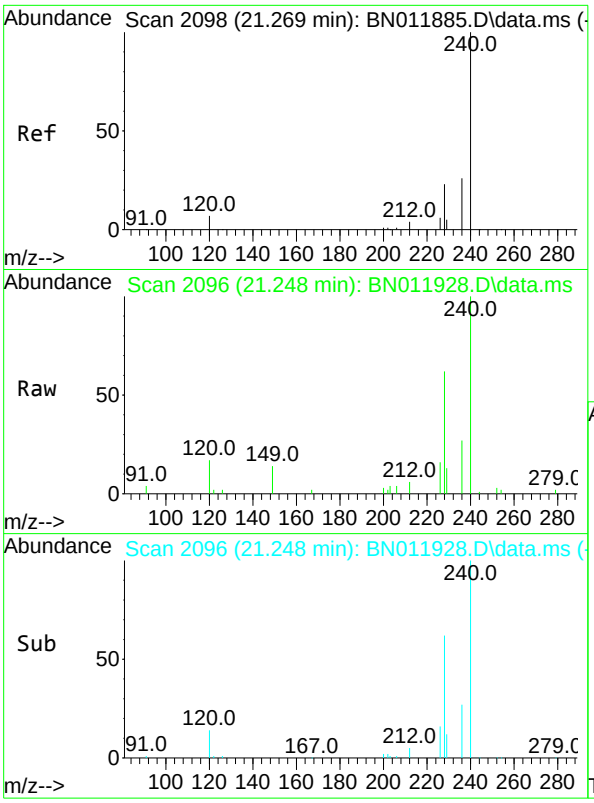


#28
Fluoranthene
Concen: 0.36 ng
RT: 19.127 min Scan# 1802
Delta R.T. -0.005 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:202 Resp: 19393

Ion	Ratio	Lower	Upper
202	100		
101	11.8	5.4	8.2#
203	17.0	13.8	20.6

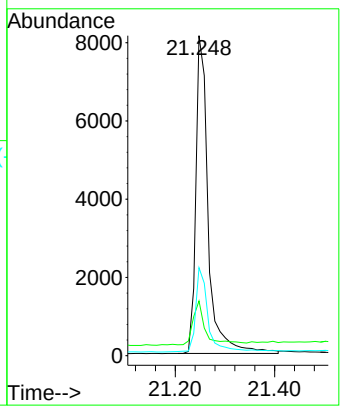




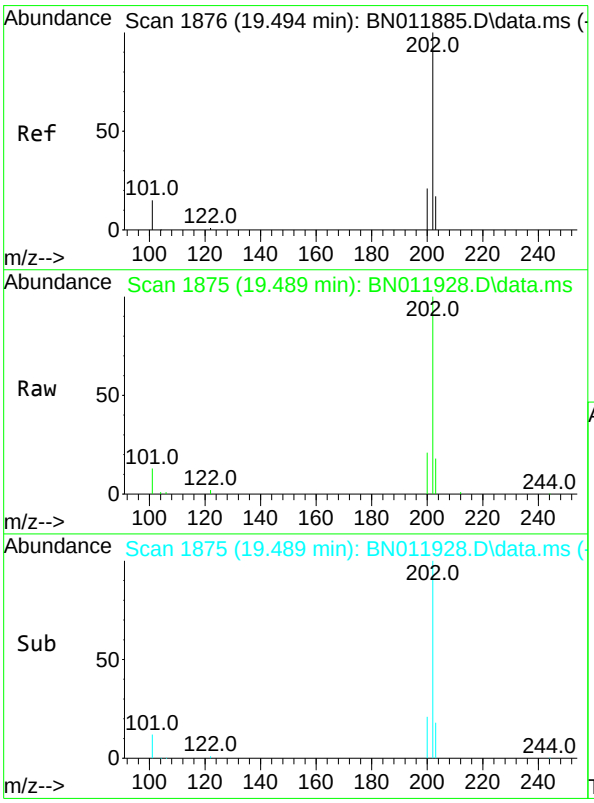
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.248 min Scan# 2096
Delta R.T. -0.021 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:240 Resp: 14087

Ion	Ratio	Lower	Upper
240	100		
120	17.1	3.5	5.3#
236	27.5	20.5	30.7



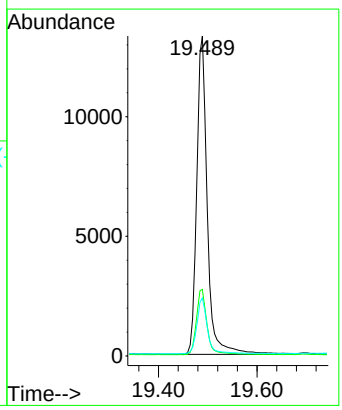
Instrument :
BNA_N
ClientSampleId :



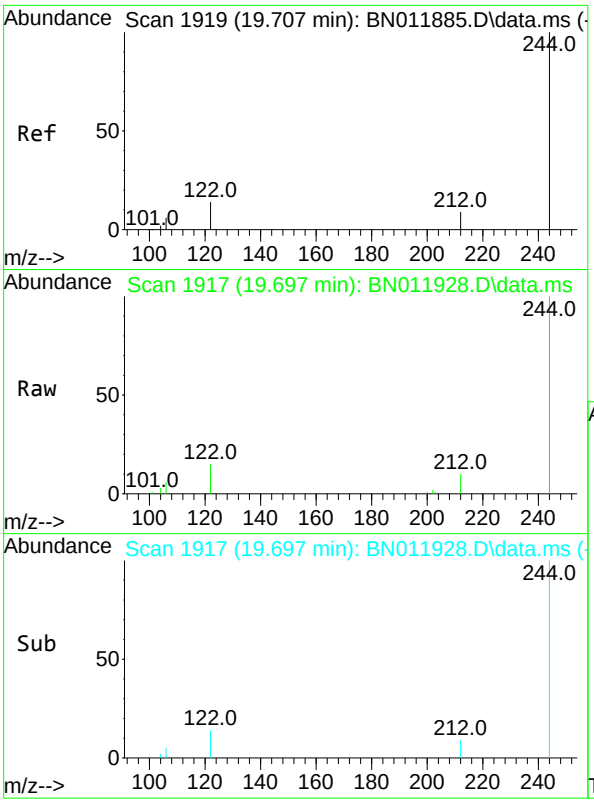
#30
Pyrene
Concen: 0.38 ng
RT: 19.489 min Scan# 1875
Delta R.T. -0.005 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:202 Resp: 19779

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	17.4	13.9	20.9



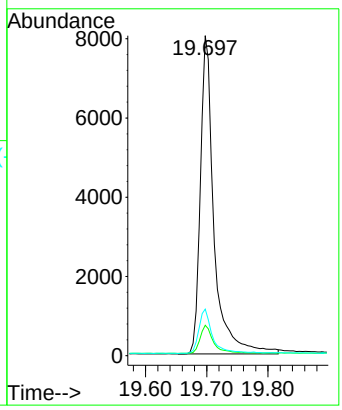
Instrument :
BNA_N
ClientSampleId :

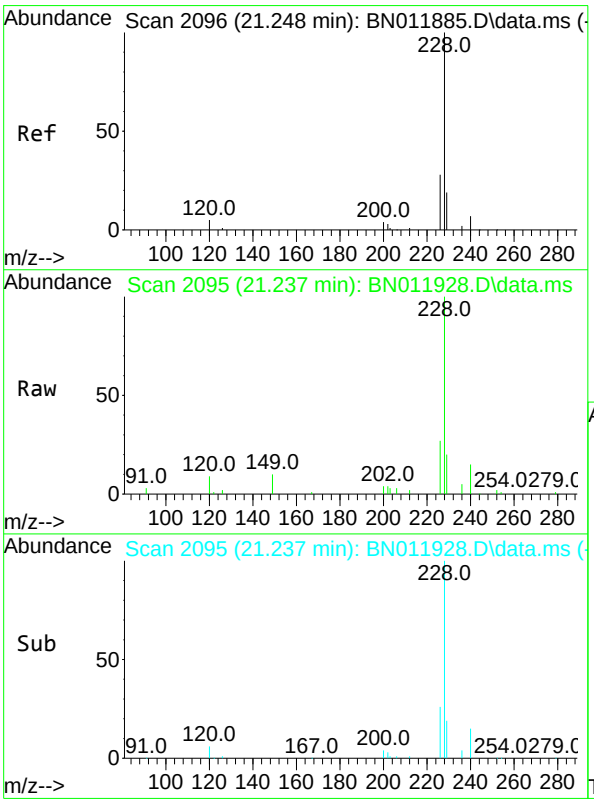


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.697 min Scan# 1917
Delta R.T. -0.010 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:244 Resp: 12421

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.3	10.9
122	14.5	7.8	11.6#

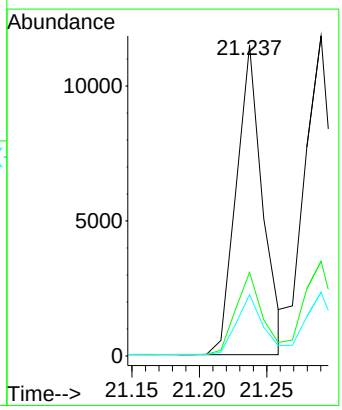




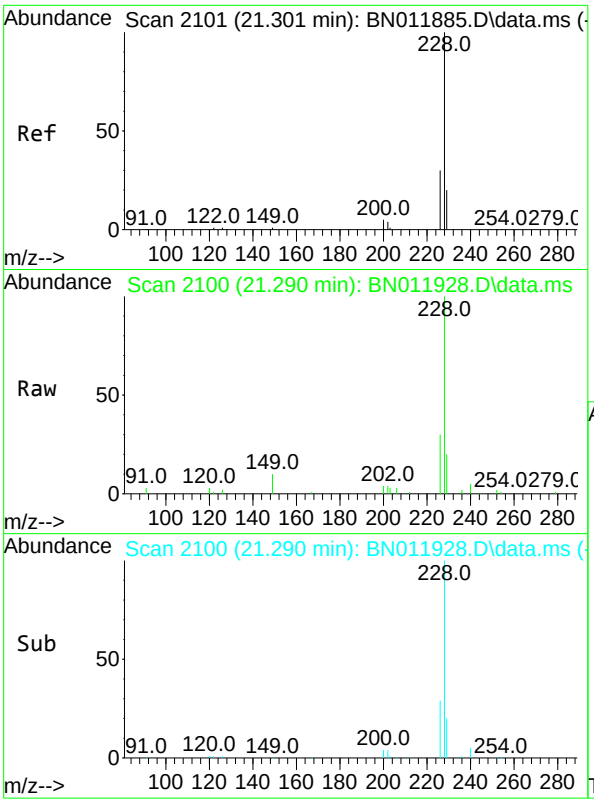
#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 21.237 min Scan# 2095
Delta R.T. -0.011 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:228 Resp: 15629

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	19.7	16.0	24.0



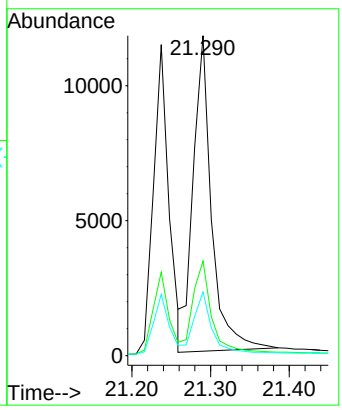
Instrument :
BNA_N
ClientSampleId :

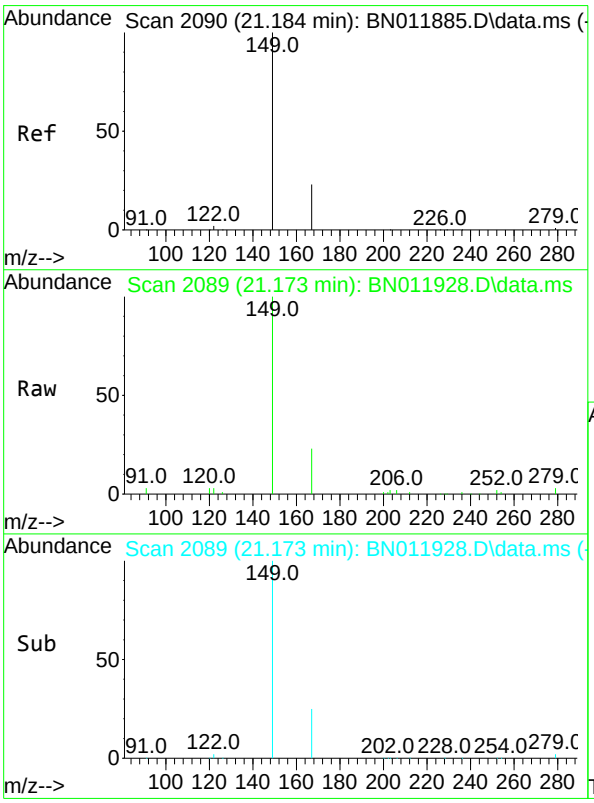


#33
Chrysene
Concen: 0.39 ng
RT: 21.290 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:228 Resp: 18954

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	19.9	15.8	23.8

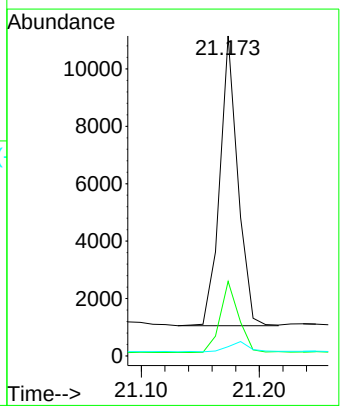




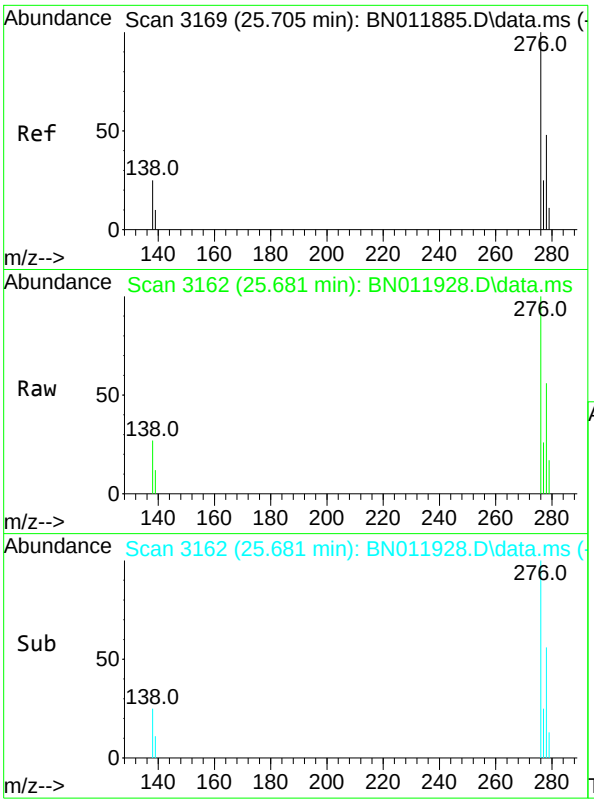
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.173 min Scan# 2089
Delta R.T. -0.011 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:149 Resp: 10714

Ion	Ratio	Lower	Upper
149	100		
167	25.0	23.6	35.4
279	4.0	4.0	6.0



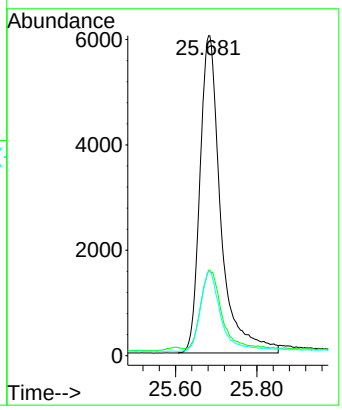
Instrument :
BNA_N
ClientSampleId :

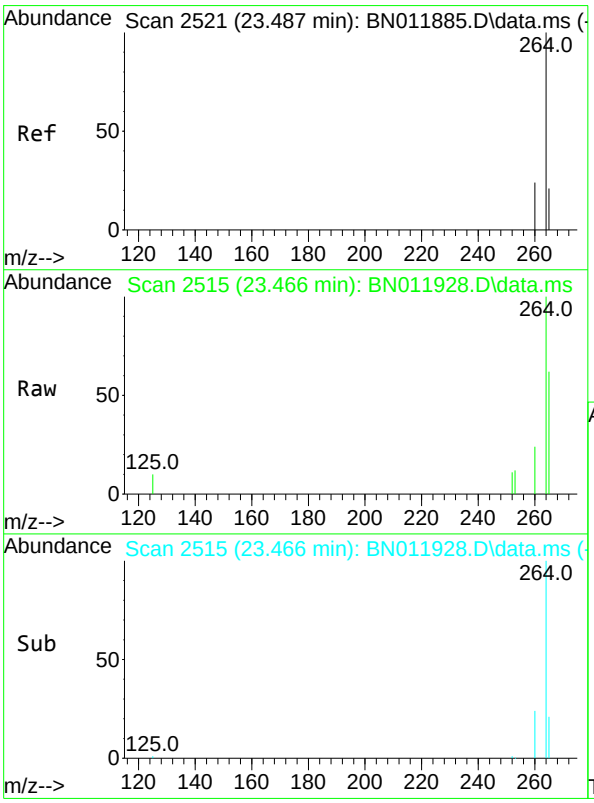


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 25.681 min Scan# 3162
Delta R.T. -0.024 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:276 Resp: 21445

Ion	Ratio	Lower	Upper
276	100		
138	24.5	13.0	19.4#
277	24.5	20.0	30.0

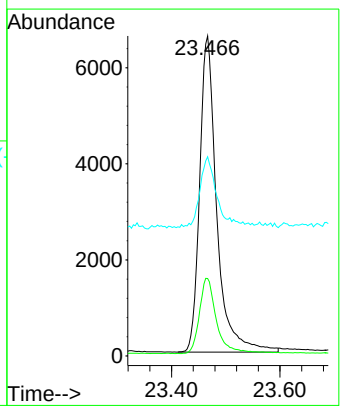




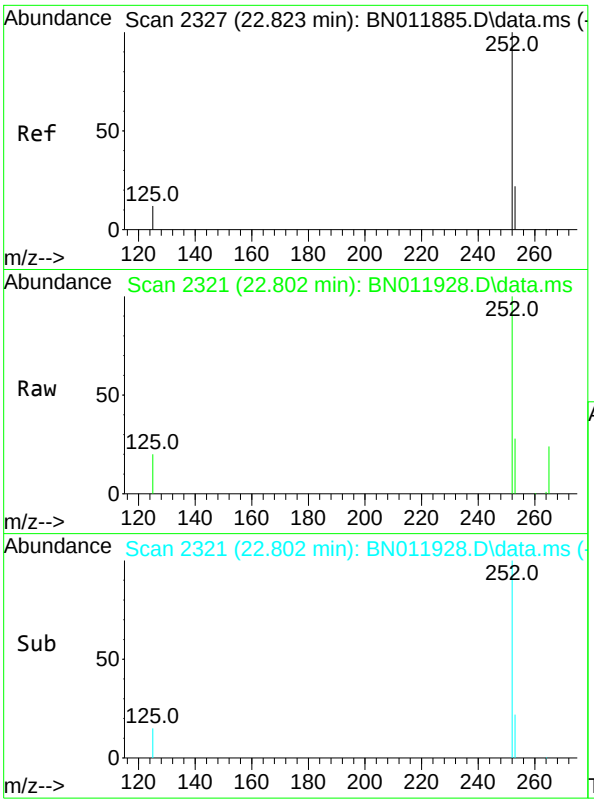
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.466 min Scan# 2515
Delta R.T. -0.021 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:264 Resp: 14386

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	62.2	38.6	58.0#



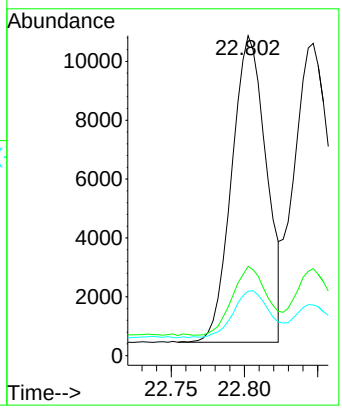
Instrument :
BNA_N
ClientSampleId :

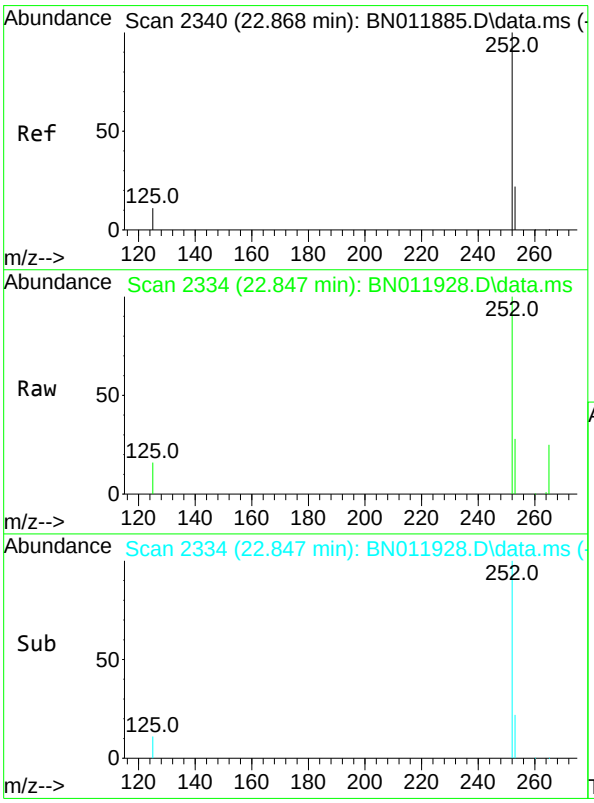


#37
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.802 min Scan# 2321
Delta R.T. -0.021 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:252 Resp: 17131

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.1	28.7
125	20.1	6.2	9.2#

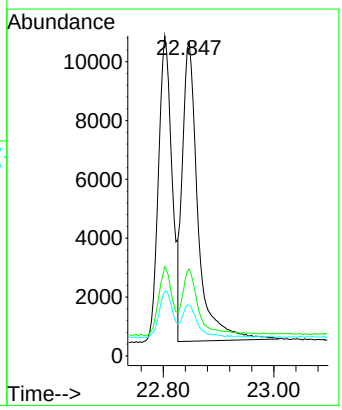




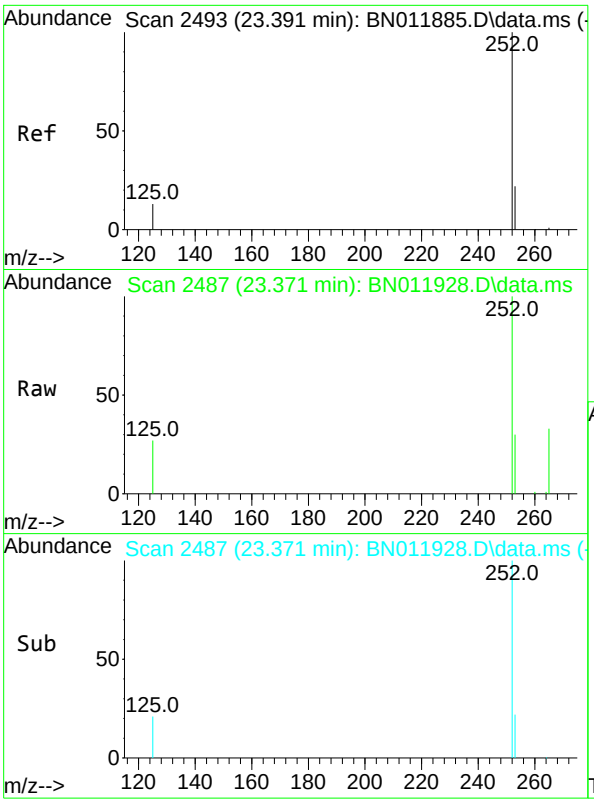
#38
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 22.847 min Scan# 2334
Delta R.T. -0.021 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:252 Resp: 19918

Ion	Ratio	Lower	Upper
252	100		
253	27.9	19.3	28.9
125	16.3	6.0	9.0#



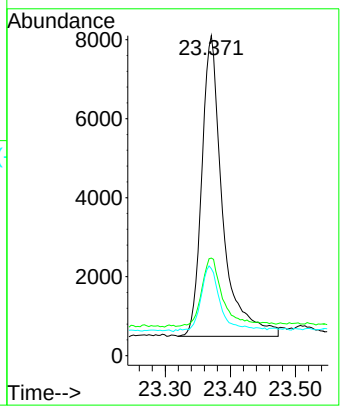
Instrument :
BNA_N
ClientSampleId :

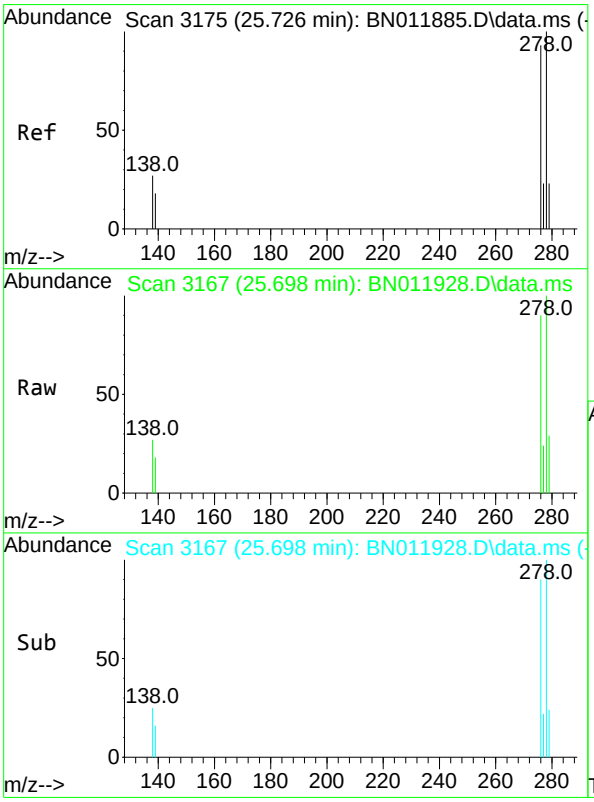


#39
Benzo(a)pyrene
Concen: 0.37 ng
RT: 23.371 min Scan# 2487
Delta R.T. -0.021 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:252 Resp: 16879

Ion	Ratio	Lower	Upper
252	100		
253	30.5	19.8	29.6#
125	27.2	7.3	10.9#

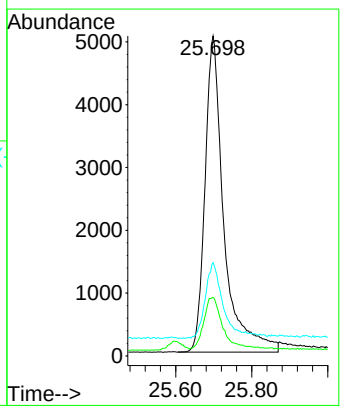


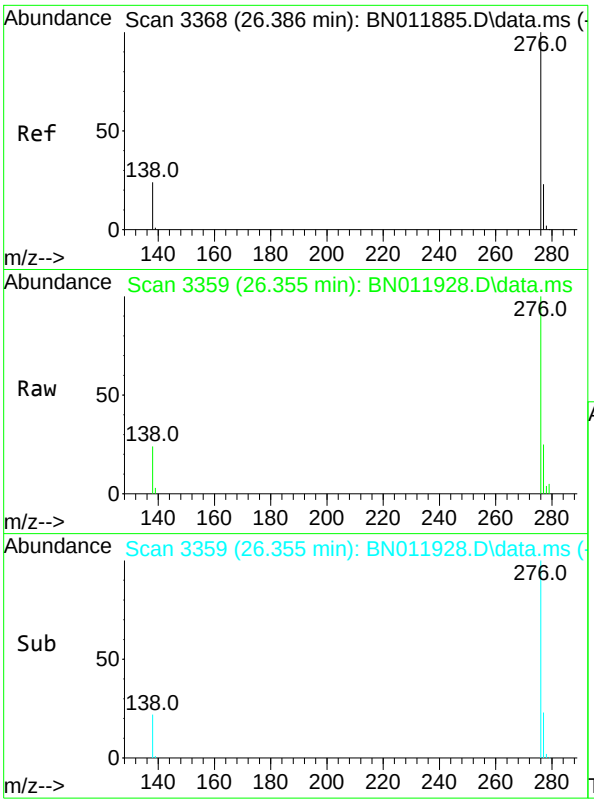


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.698 min Scan# 3167
Delta R.T. -0.027 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:278 Resp: 17344

Ion	Ratio	Lower	Upper
278	100		
139	18.3	8.6	13.0#
279	29.1	19.8	29.8

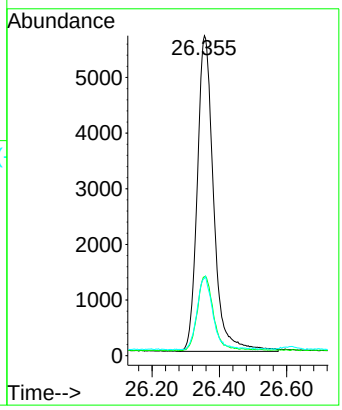




#41
Benzo(g,h,i)perylene
Concen: 0.38 ng
RT: 26.355 min Scan# 3359
Delta R.T. -0.031 min
Lab File: BN011928.D
Acq: 25 Sep 2020 01:04

Tgt Ion:276 Resp: 19107

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.4	29.0
138	24.1	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :