Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014563.D
Acq On : 11 May 2021 15:47
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: May 11 17:46:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 17:45:36 2021
Response via : Initial Calibration

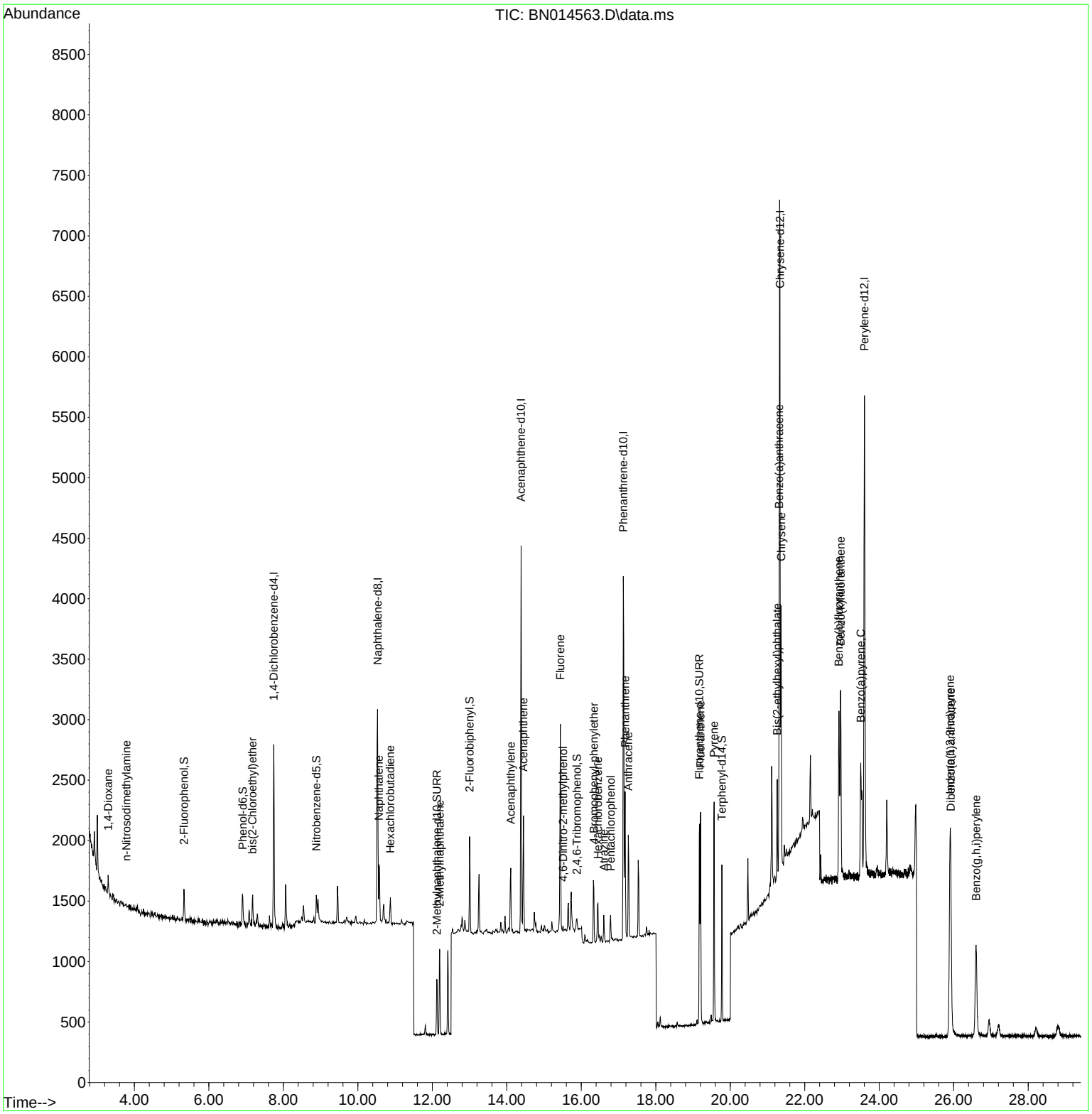
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	684	0.40	ng		# 0.00
7) Naphthalene-d8	10.530	136	2513	0.40	ng		# 0.00
13) Acenaphthene-d10	14.384	164	1773	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	4347	0.40	ng		# 0.00
29) Chrysene-d12	21.335	240	5534	0.40	ng		0.00
35) Perylene-d12	23.602	264	5557	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	212	0.11	ng		0.00
5) Phenol-d6	6.903	99	269	0.10	ng		0.00
8) Nitrobenzene-d5	8.883	82	244	0.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.124	152	620	0.10	ng		0.00
14) 2,4,6-Tribromophenol	15.881	330	90	0.11	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	665	0.10	ng		0.00
27) Fluoranthene-d10	19.173	212	1920	0.10	ng		0.00
31) Terphenyl-d14	19.774	244	1362	0.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.295	88	155	0.18	ng	#	84
3) n-Nitrosodimethylamine	3.786	42	4	0.01	ng	#	1
6) bis(2-Chloroethyl)ether	7.169	93	217	0.11	ng		89
9) Naphthalene	10.568	128	670	0.10	ng	#	73
10) Hexachlorobutadiene	10.872	225	163	0.10	ng	#	100
12) 2-Methylnaphthalene	12.200	142	492	0.10	ng	#	89
16) Acenaphthylene	14.105	152	621	0.09	ng	#	93
17) Acenaphthene	14.448	154	474	0.10	ng		96
18) Fluorene	15.437	166	661	0.10	ng		100
20) 4,6-Dinitro-2-methylph...	15.513	198	38	0.11	ng	#	1
21) 4-Bromophenyl-phenylether	16.337	248	261	0.10	ng		91
22) Hexachlorobenzene	16.447	284	284	0.10	ng	#	92
23) Atrazine	16.605	200	164	0.09	ng	#	69
24) Pentachlorophenol	16.788	266	121	0.13	ng	#	40
25) Phenanthrene	17.177	178	1238	0.11	ng		96
26) Anthracene	17.262	178	984	0.09	ng		99
28) Fluoranthene	19.203	202	1575	0.11	ng		96
30) Pyrene	19.566	202	1652	0.11	ng		98
32) Benzo(a)anthracene	21.314	228	1596	0.10	ng		94
33) Chrysene	21.367	228	1699	0.10	ng		94
34) Bis(2-ethylhexyl)phtha...	21.261	149	705	0.12	ng	#	83
36) Indeno(1,2,3-cd)pyrene	25.902	276	2181	0.10	ng		96
37) Benzo(b)fluoranthene	22.918	252	1874	0.10	ng	#	79
38) Benzo(k)fluoranthene	22.965	252	1997	0.11	ng	#	78
39) Benzo(a)pyrene	23.503	252	1523	0.10	ng	#	77
40) Dibenzo(a,h)anthracene	25.923	278	1845	0.10	ng	#	74
41) Benzo(g,h,i)perylene	26.601	276	1798	0.10	ng	#	92

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

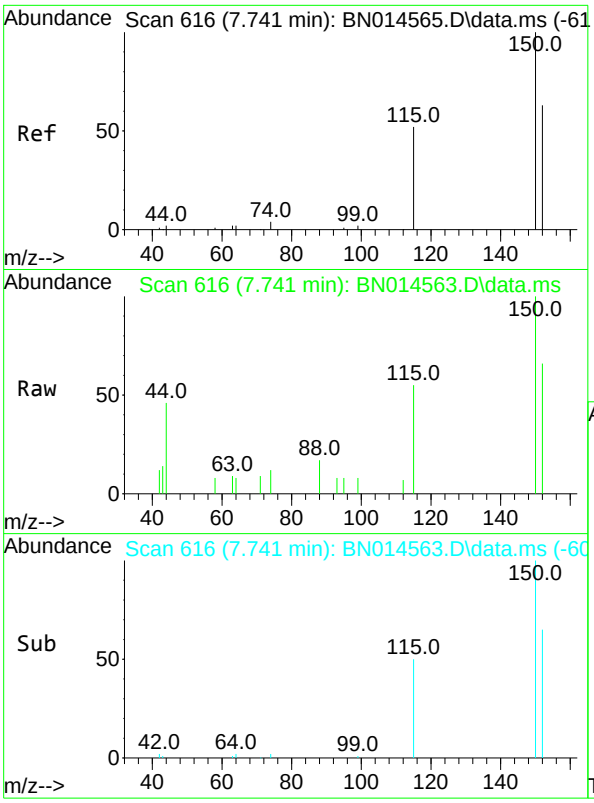
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051121\
Data File : BN014563.D
Acq On : 11 May 2021 15:47
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: May 11 17:46:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 17:45:36 2021
Response via : Initial Calibration



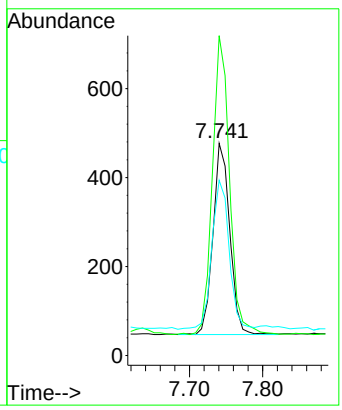
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

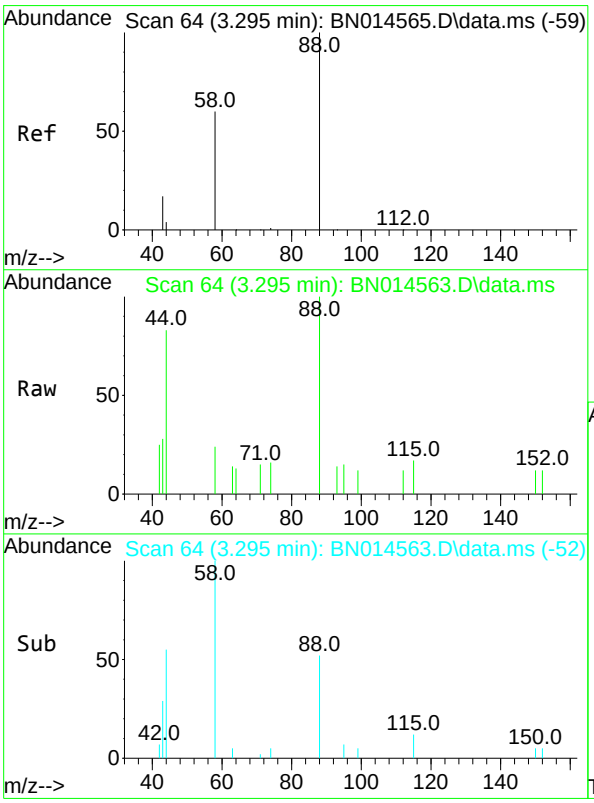


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:152 Resp: 684

Ion	Ratio	Lower	Upper
152	100		
150	150.7	123.8	185.8
115	82.6	47.0	70.4#

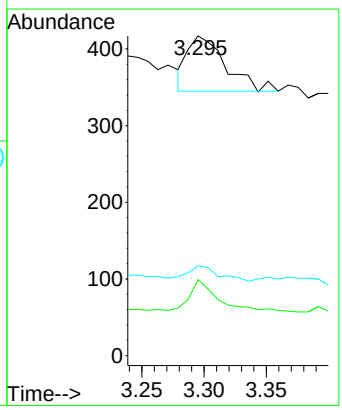




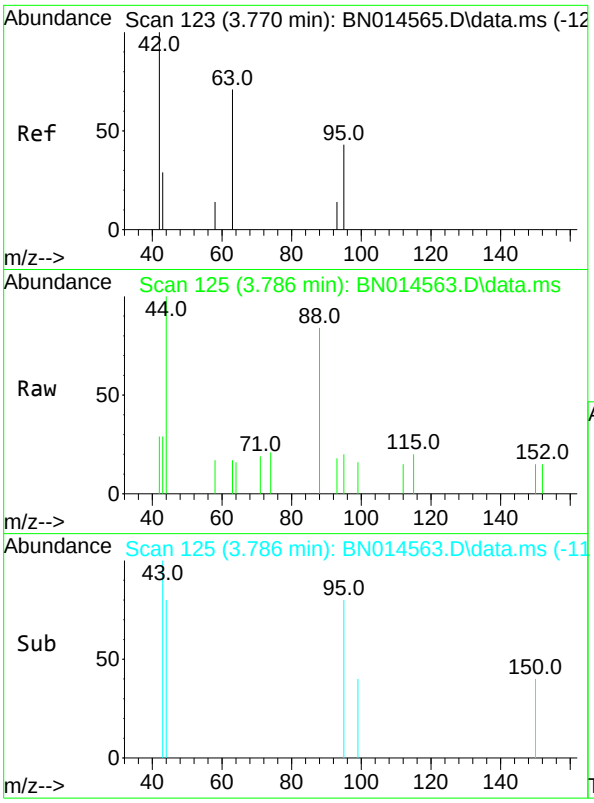
#2
1,4-Dioxane
Concen: 0.18 ng
RT: 3.295 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion: 88 Resp: 155

Ion	Ratio	Lower	Upper
88	100		
58	41.3	44.4	66.6#
43	22.6	15.9	23.9



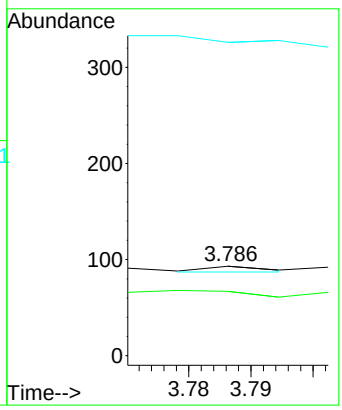
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

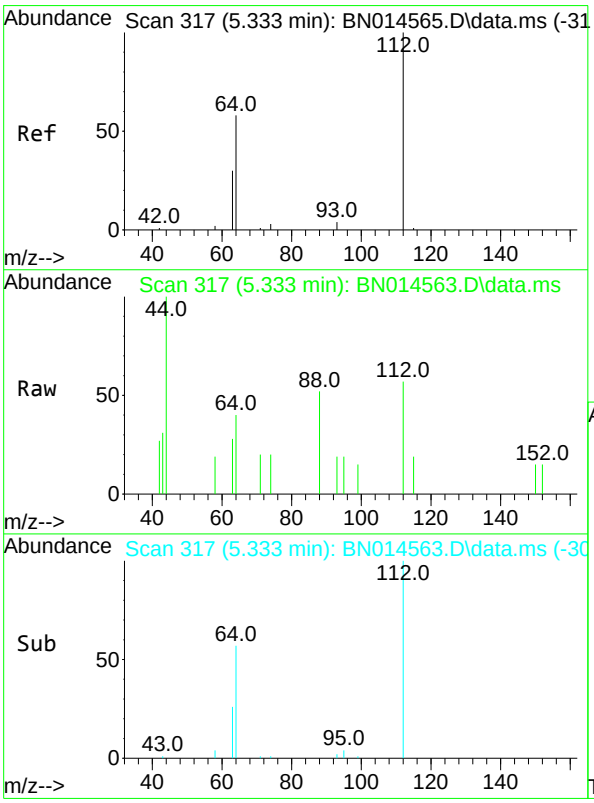


#3
n-Nitrosodimethylamine
Concen: 0.01 ng
RT: 3.786 min Scan# 125
Delta R.T. 0.016 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion: 42 Resp: 4

Ion	Ratio	Lower	Upper
42	100		
74	225.0	175.1	262.7
44	1825.0	7.5	11.3#

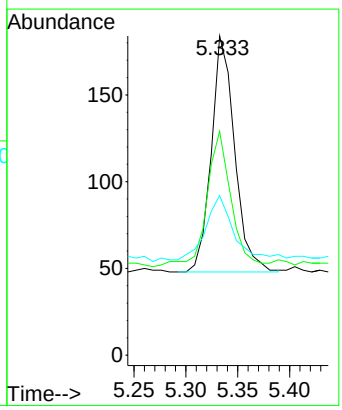




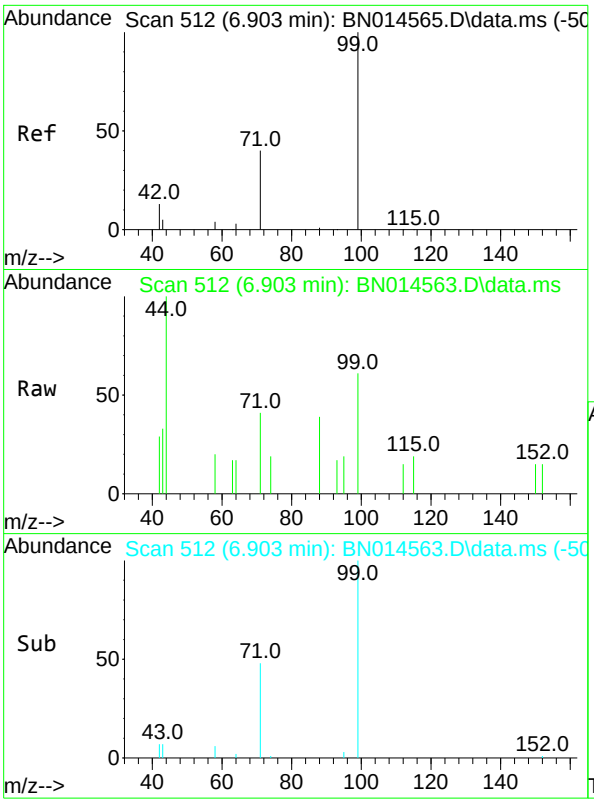
#4
2-Fluorophenol
Concen: 0.11 ng
RT: 5.333 min Scan# 317
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:112 Resp: 212

Ion	Ratio	Lower	Upper
112	100		
64	59.4	41.8	62.6
63	32.5	22.0	33.0



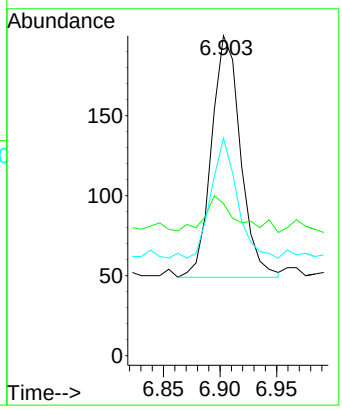
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

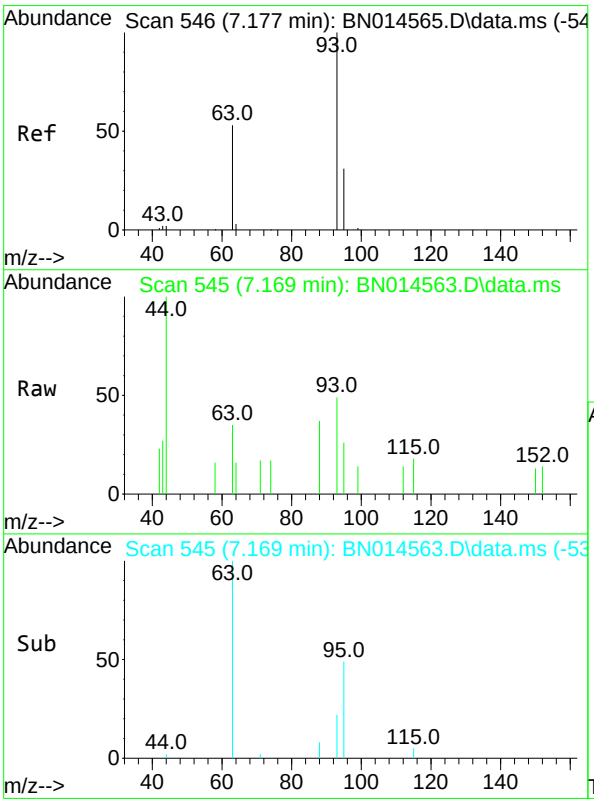


#5
Phenol-d6
Concen: 0.10 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion: 99 Resp: 269

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.2	19.8
71	44.6	26.2	39.2#

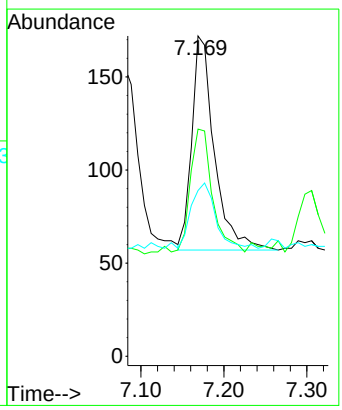




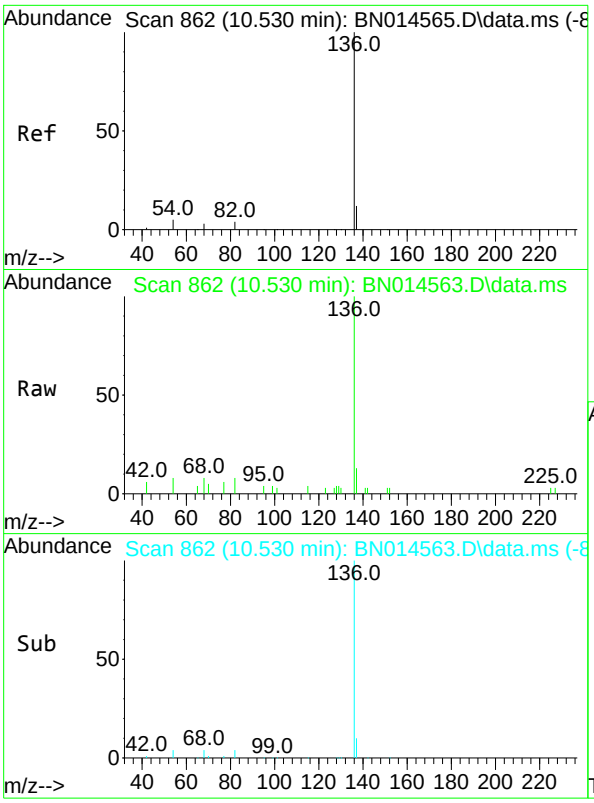
#6
bis(2-Chloroethyl)ether
Concen: 0.11 ng
RT: 7.169 min Scan# 545
Delta R.T. -0.008 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion: 93 Resp: 217

Ion	Ratio	Lower	Upper
93	100		
63	59.9	58.0	87.0
95	33.2	27.0	40.6



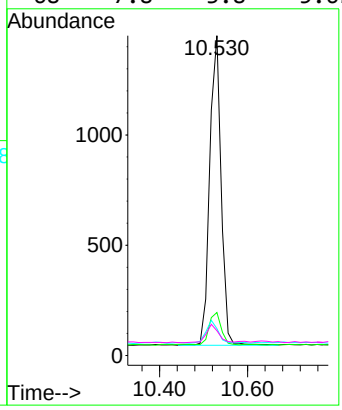
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

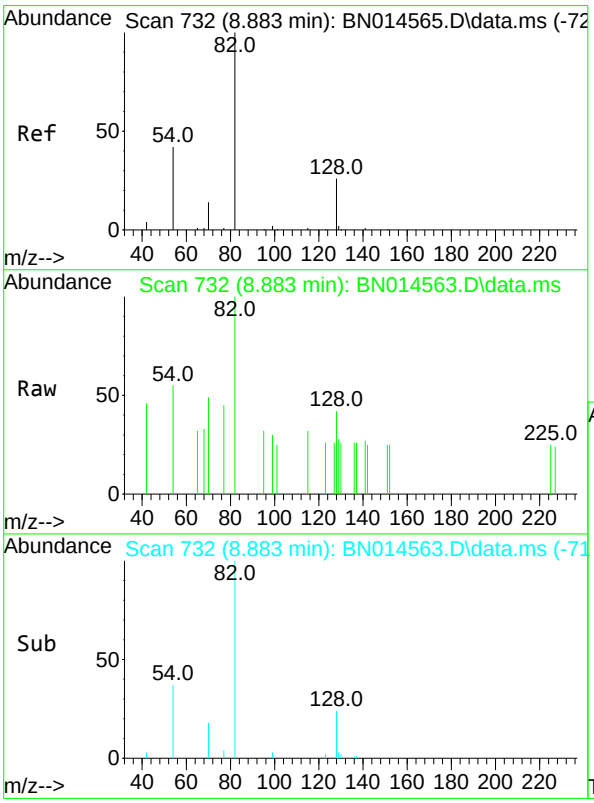


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:136 Resp: 2513

Ion	Ratio	Lower	Upper
136	100		
137	13.4	8.9	13.3#
54	8.4	3.8	5.8#
68	7.8	3.8	5.6#

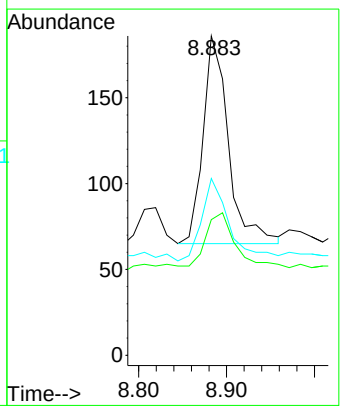




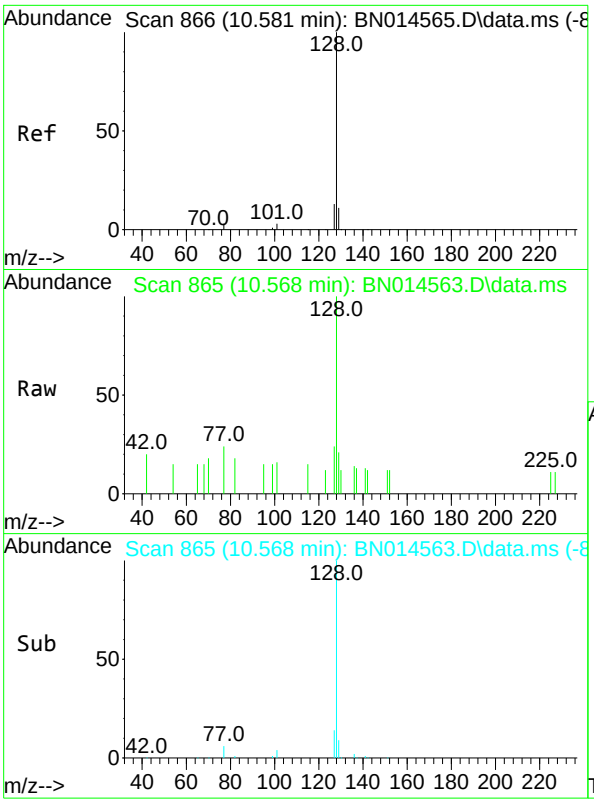
#8
Nitrobenzene-d5
Concen: 0.12 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion: 82 Resp: 244

Ion	Ratio	Lower	Upper
82	100		
128	42.5	29.5	44.3
54	55.4	36.9	55.3#



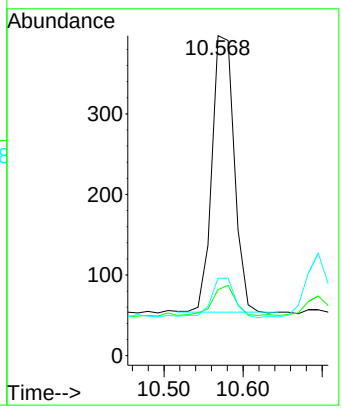
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

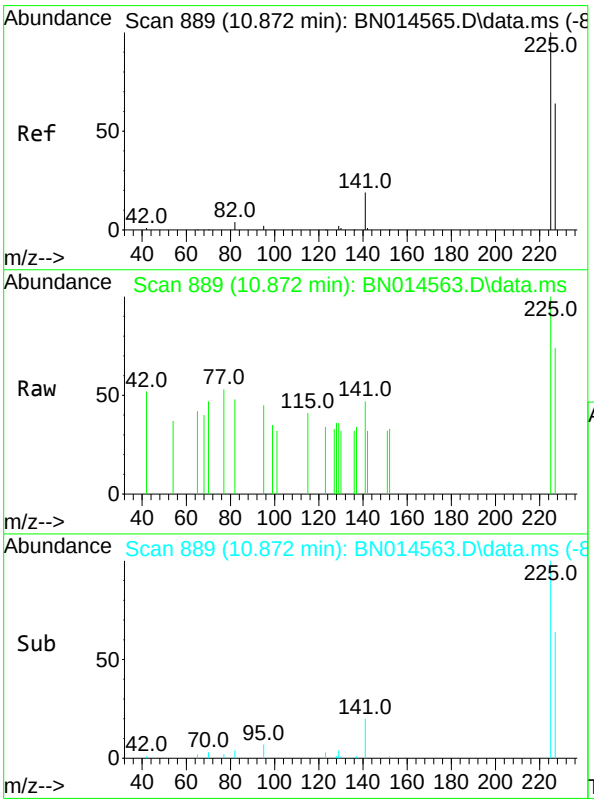


#9
Naphthalene
Concen: 0.10 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.013 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:128 Resp: 670

Ion	Ratio	Lower	Upper
128	100		
129	20.7	9.0	13.4#
127	24.2	10.4	15.6#

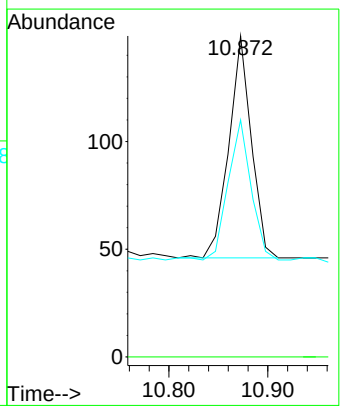




#10
Hexachlorobutadiene
Concen: 0.10 ng
RT: 10.872 min Scan# 889
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:225 Resp: 163

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.9	76.3



Instrument :
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ClientSampleId :
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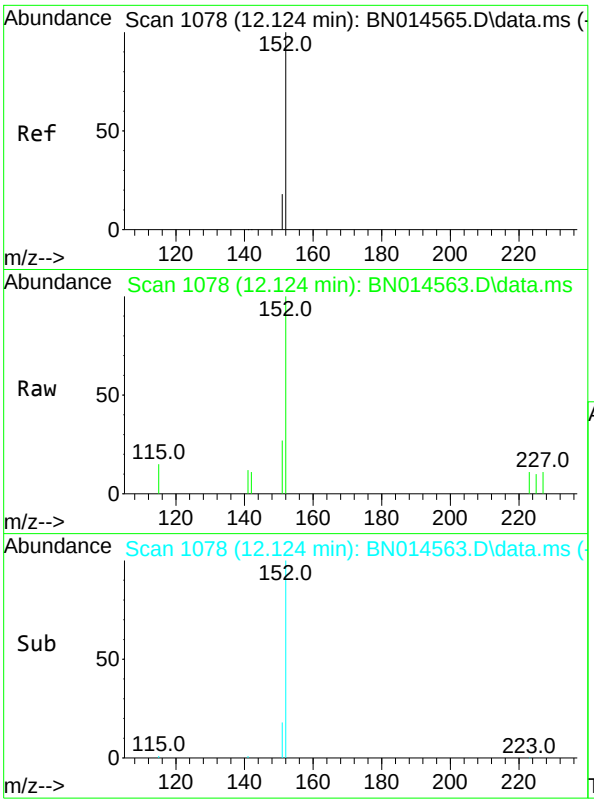
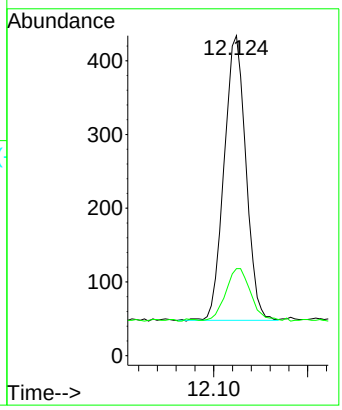
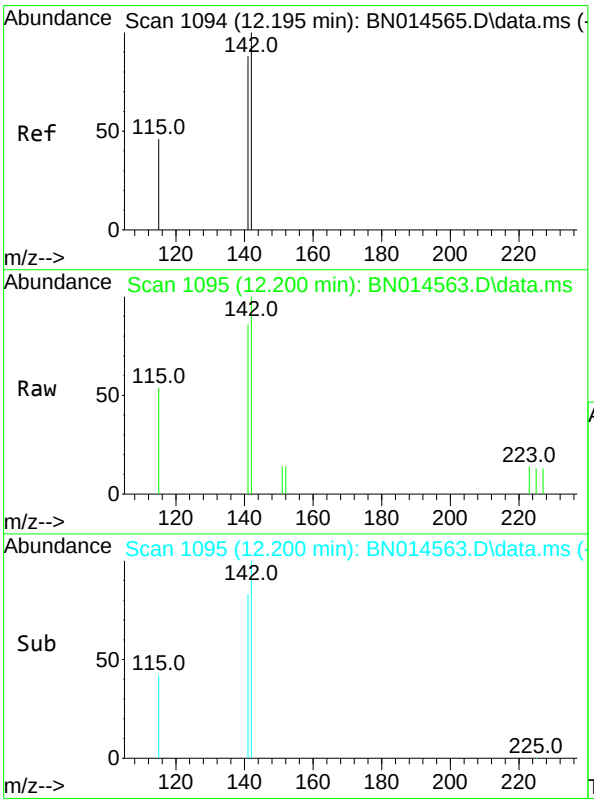


#11
2-Methylnaphthalene-d10
Concen: 0.10 ng
RT: 12.124 min Scan# 1078
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:152 Resp: 620

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.2

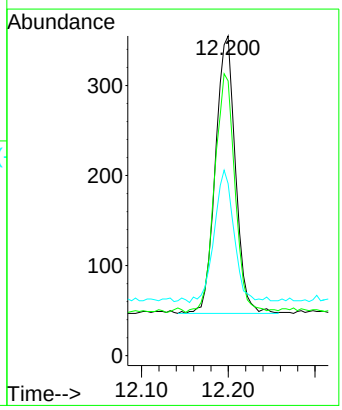


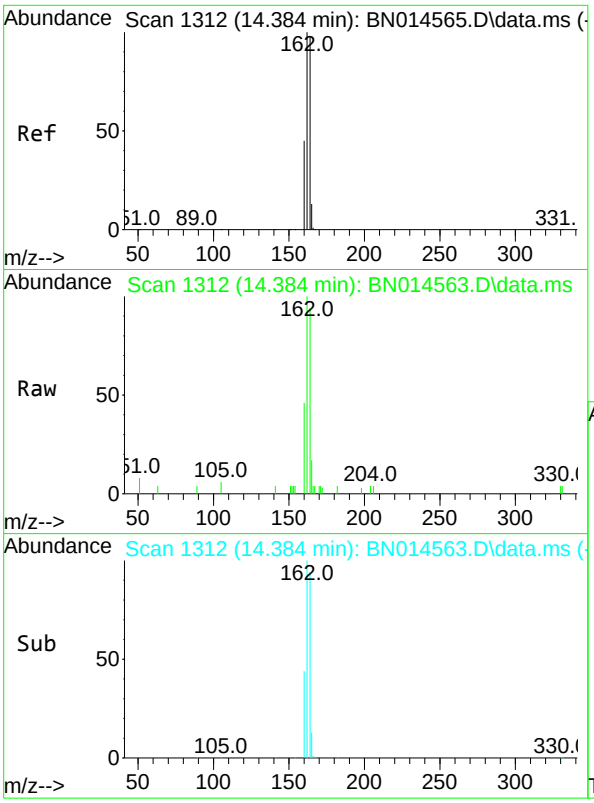


#12
2-Methylnaphthalene
Concen: 0.10 ng
RT: 12.200 min Scan# 1095
Delta R.T. 0.004 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:142 Resp: 492

Ion	Ratio	Lower	Upper
142	100		
141	85.9	70.2	105.4
115	53.8	26.7	40.1#

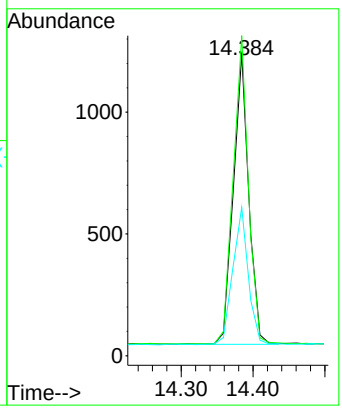


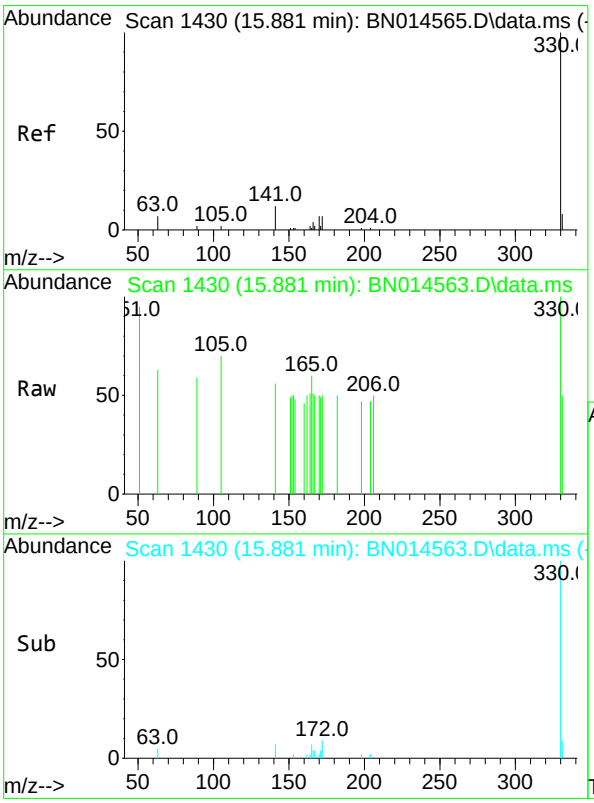


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:164 Resp: 1773

Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.6	118.0
160	49.1	35.8	53.8

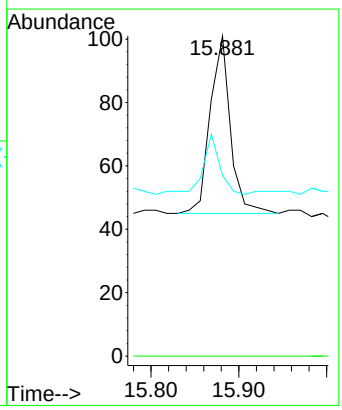




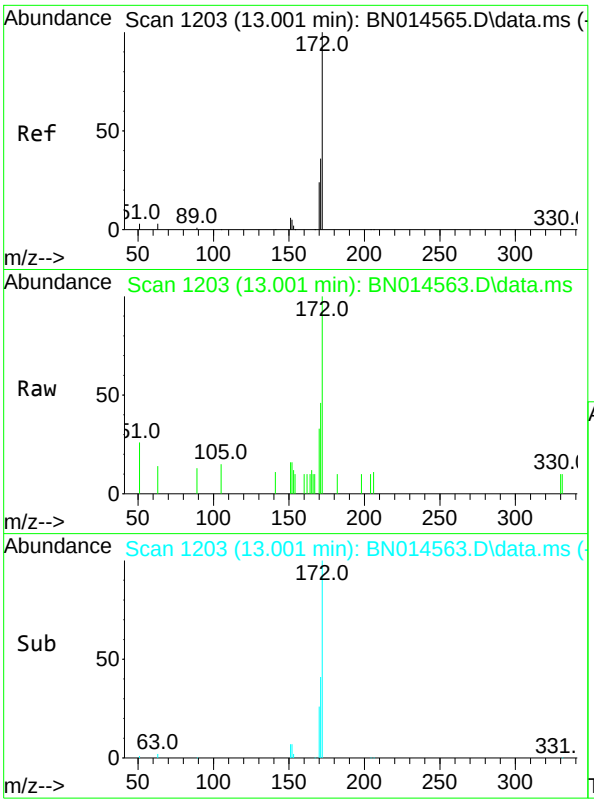
#14
2,4,6-Tribromophenol
Concen: 0.11 ng
RT: 15.881 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:330 Resp: 90

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.9	27.0	40.4



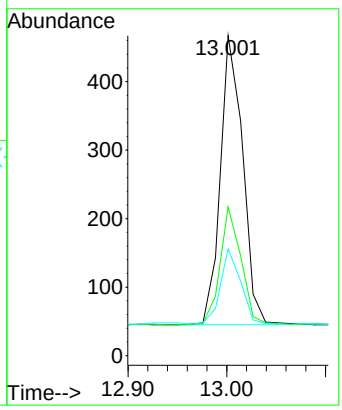
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



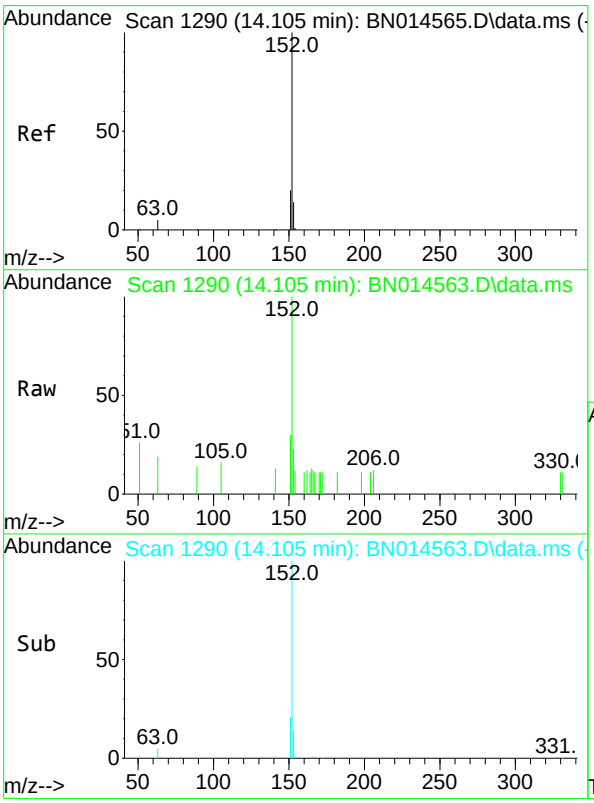
#15
2-Fluorobiphenyl
Concen: 0.10 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:172 Resp: 665

Ion	Ratio	Lower	Upper
172	100		
171	46.5	27.1	40.7#
170	33.4	18.3	27.5#



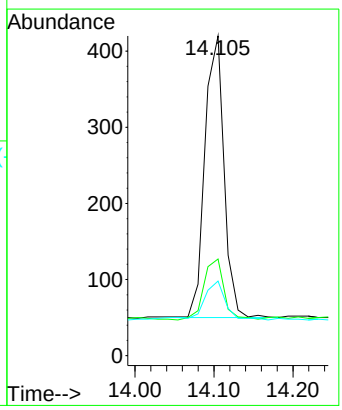
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1



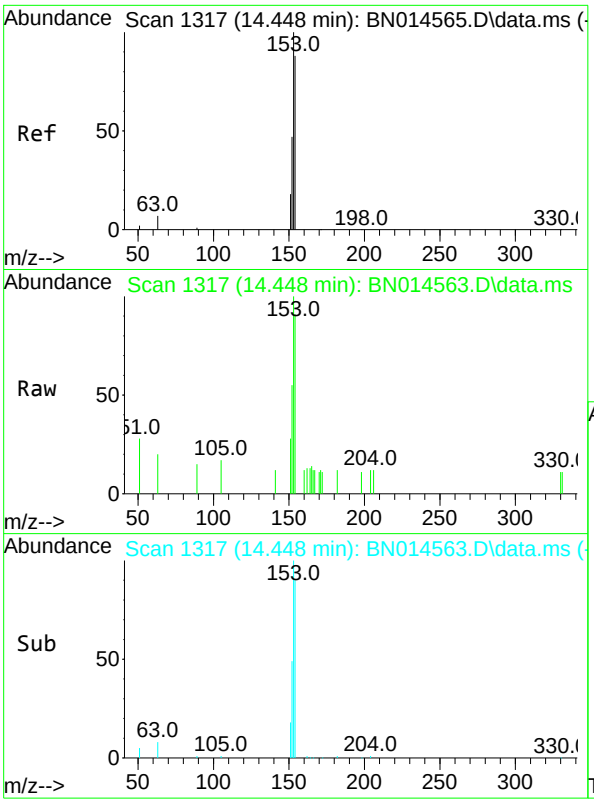
#16
Acenaphthylene
Concen: 0.09 ng
RT: 14.105 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:152 Resp: 621

Ion	Ratio	Lower	Upper
152	100		
151	22.9	15.6	23.4
153	16.1	10.5	15.7#



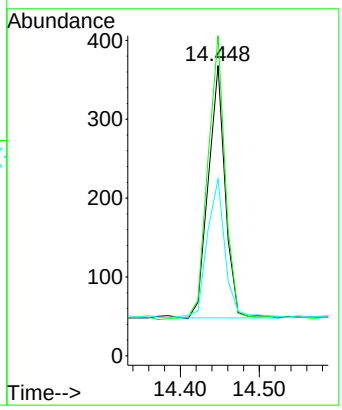
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

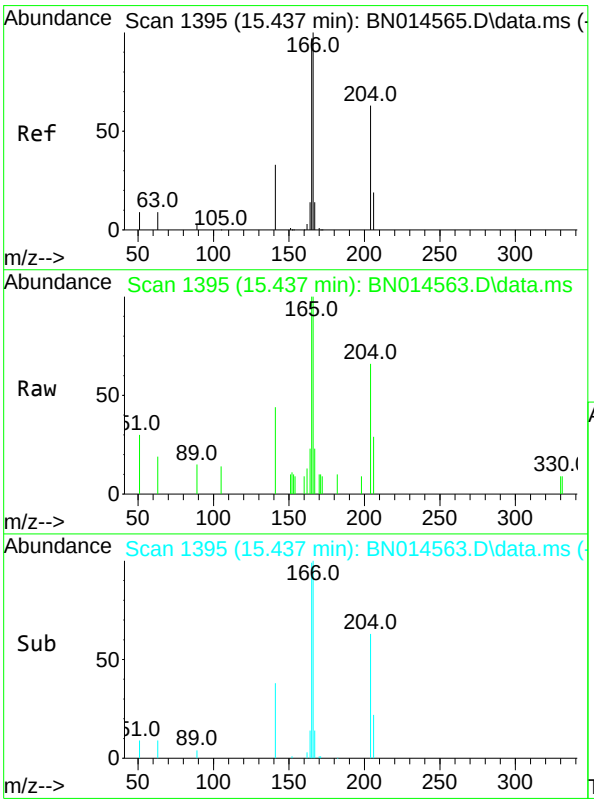


#17
Acenaphthene
Concen: 0.10 ng
RT: 14.448 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:154 Resp: 474

Ion	Ratio	Lower	Upper
154	100		
153	118.6	90.2	135.4
152	59.5	46.2	69.2

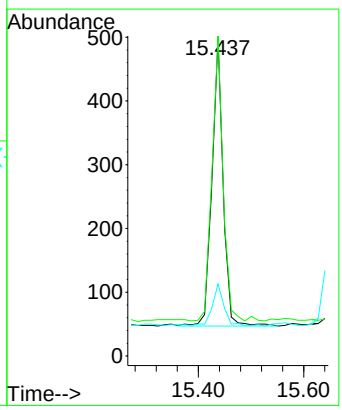




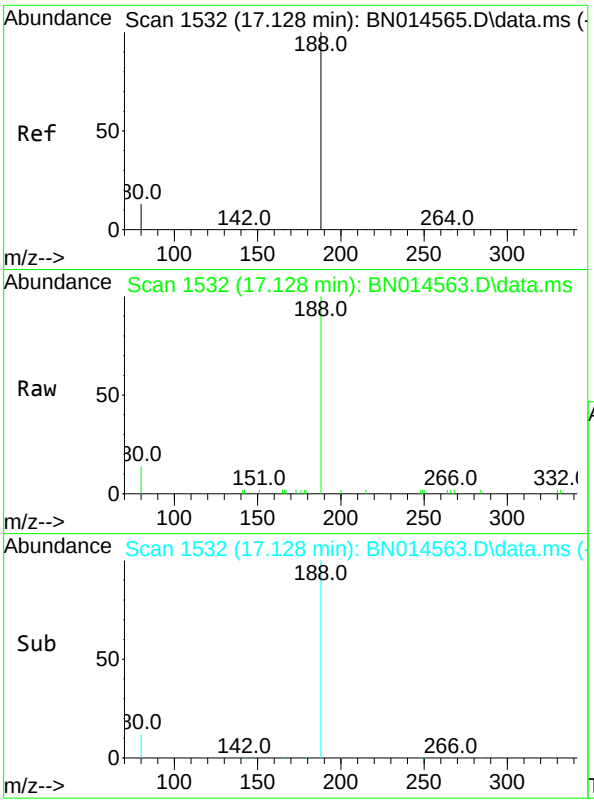
#18
Fluorene
Concen: 0.10 ng
RT: 15.437 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:166 Resp: 661

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	14.2	10.7	16.1



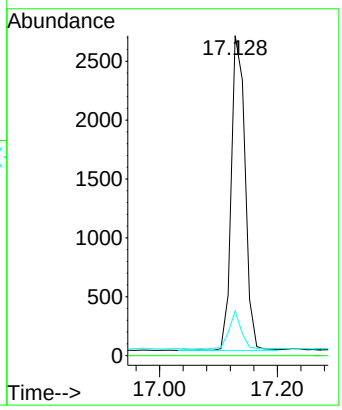
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

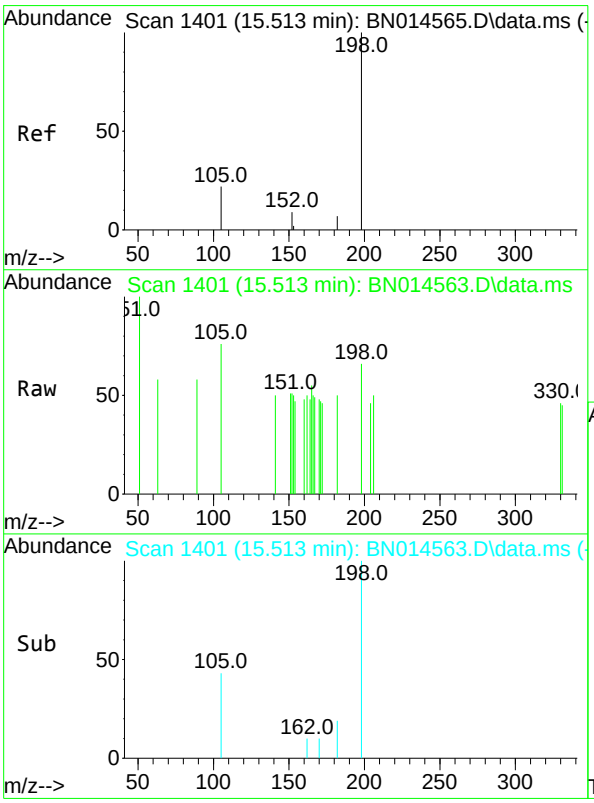


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.128 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:188 Resp: 4347

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	5.2	7.8#

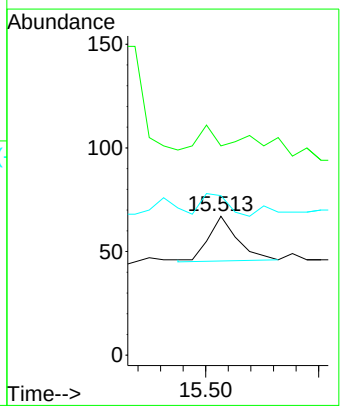




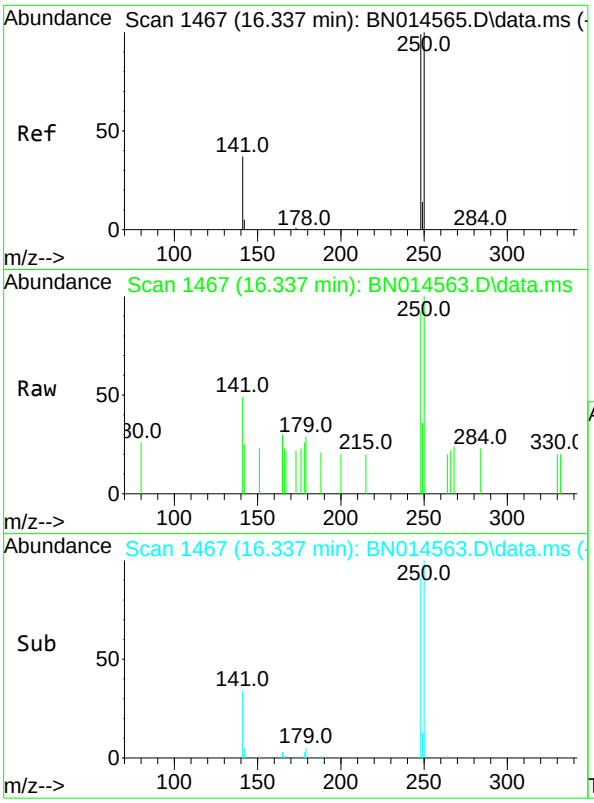
#20
4,6-Dinitro-2-methylphenol
Concen: 0.11 ng
RT: 15.513 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:198 Resp: 38

Ion	Ratio	Lower	Upper
198	100		
51	150.7	865.3	1297.9#
105	114.9	93.6	140.4



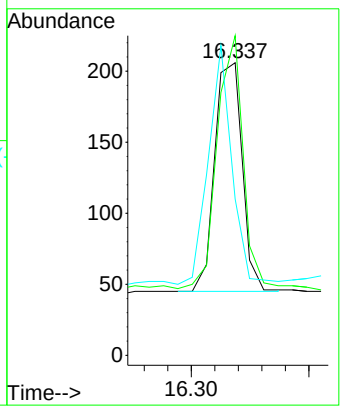
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

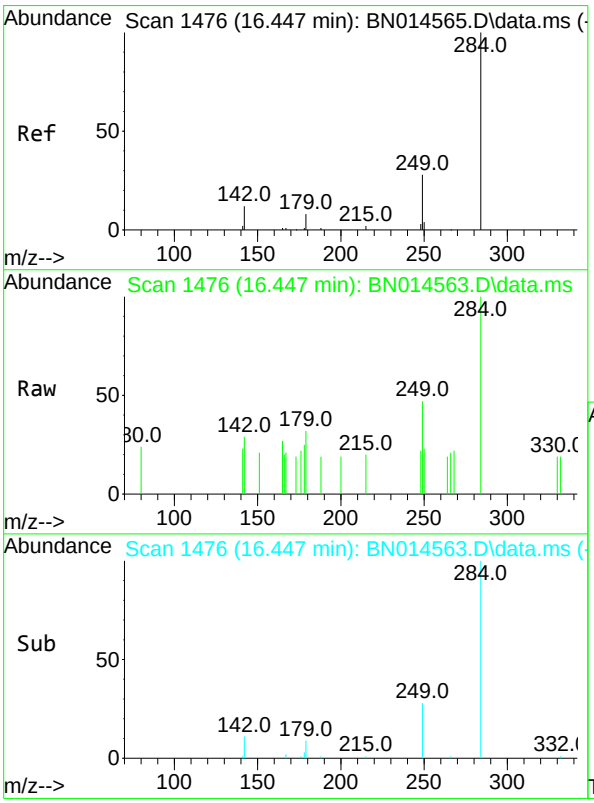


#21
4-Bromophenyl-phenylether
Concen: 0.10 ng
RT: 16.337 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:248 Resp: 261

Ion	Ratio	Lower	Upper
248	100		
250	109.2	80.5	120.7
141	53.4	37.2	55.8

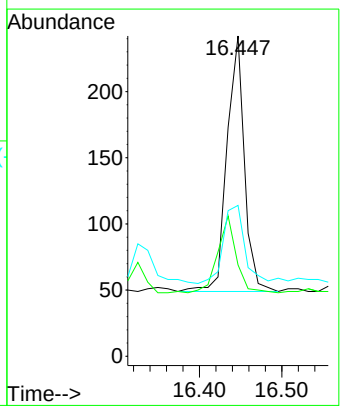




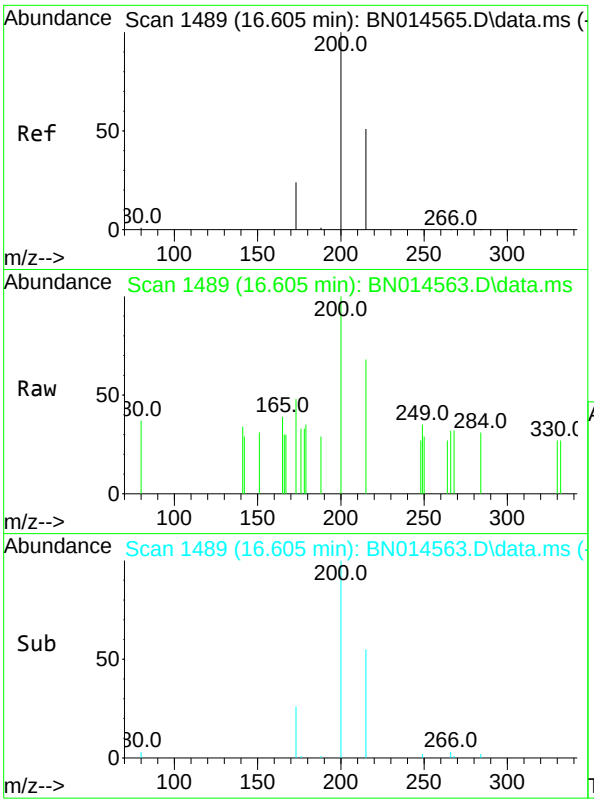
#22
Hexachlorobenzene
Concen: 0.10 ng
RT: 16.447 min Scan# 1476
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:284 Resp: 284

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.6	39.8
249	37.7	23.6	35.4#



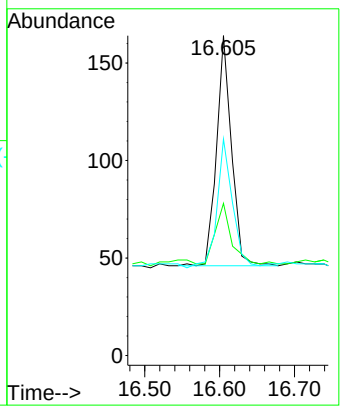
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

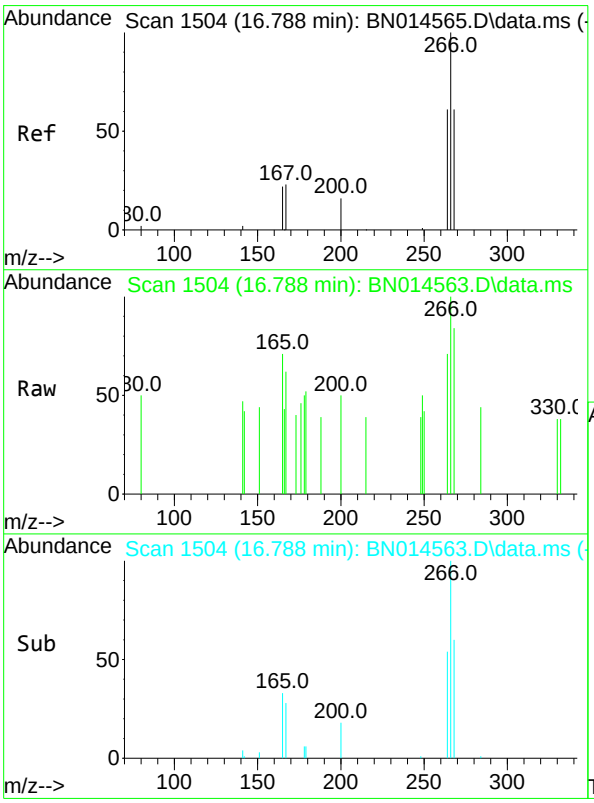


#23
Atrazine
Concen: 0.09 ng
RT: 16.605 min Scan# 1489
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:200 Resp: 164

Ion	Ratio	Lower	Upper
200	100		
173	47.6	23.0	34.6#
215	67.7	38.6	57.8#

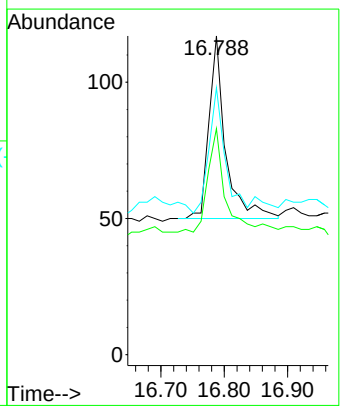




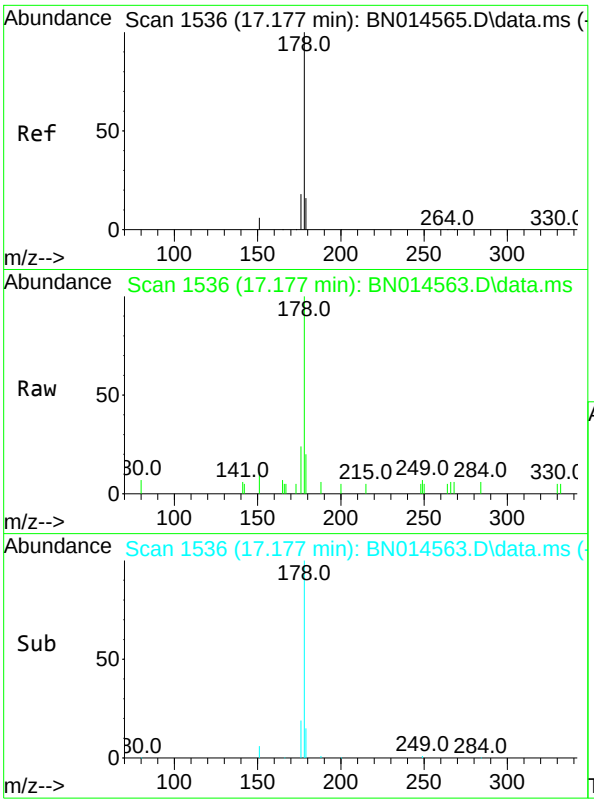
#24
Pentachlorophenol
Concen: 0.13 ng
RT: 16.788 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
264	61.2	24.2	36.4#
268	66.1	25.2	37.8#



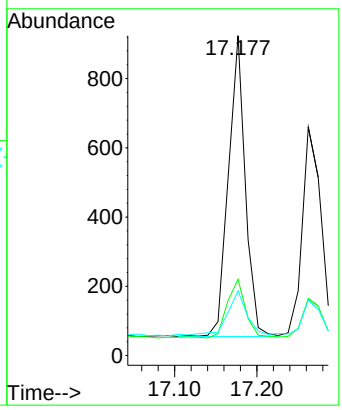
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

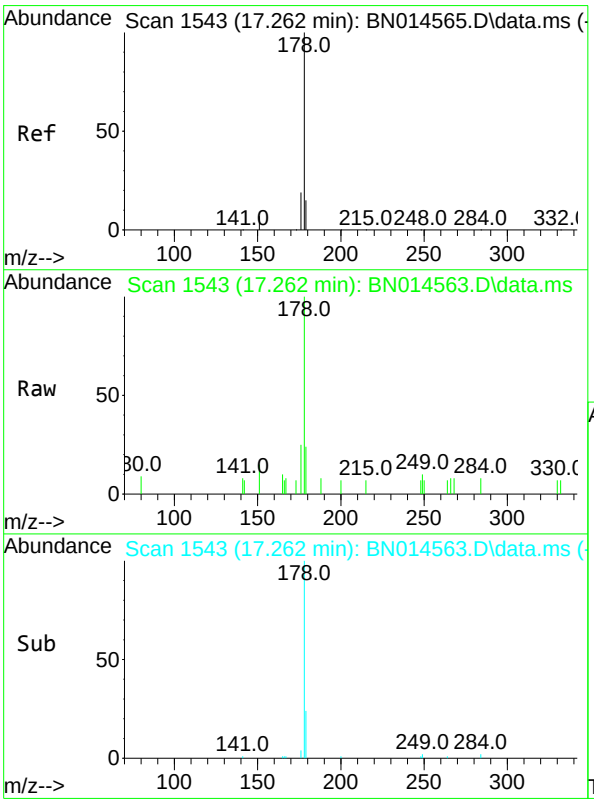


#25
Phenanthrene
Concen: 0.11 ng
RT: 17.177 min Scan# 1536
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:178 Resp: 1238

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.2	22.8
179	17.8	12.4	18.6

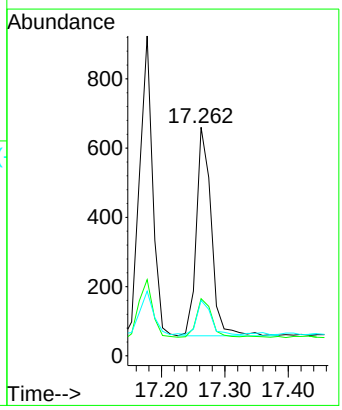




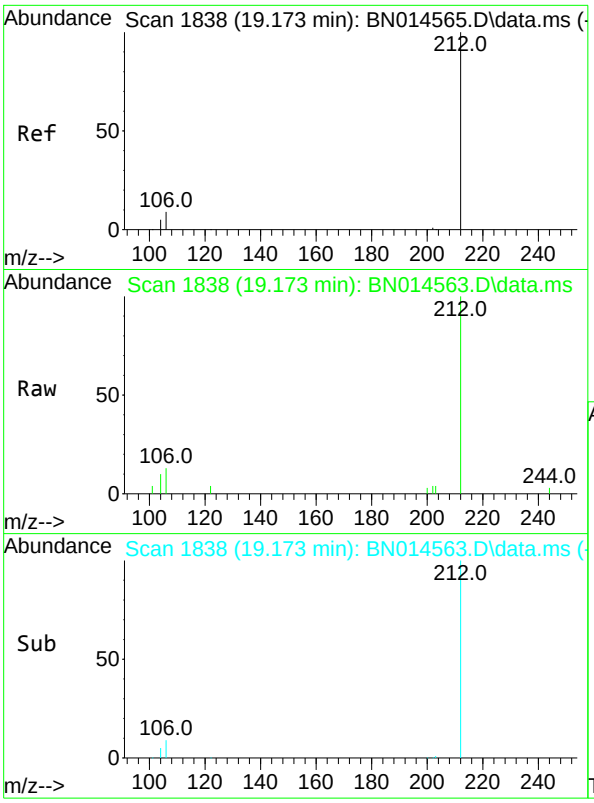
#26
Anthracene
Concen: 0.09 ng
RT: 17.262 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:178 Resp: 984

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.8	22.2
179	15.7	12.2	18.2



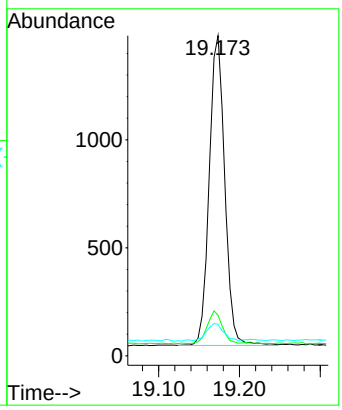
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

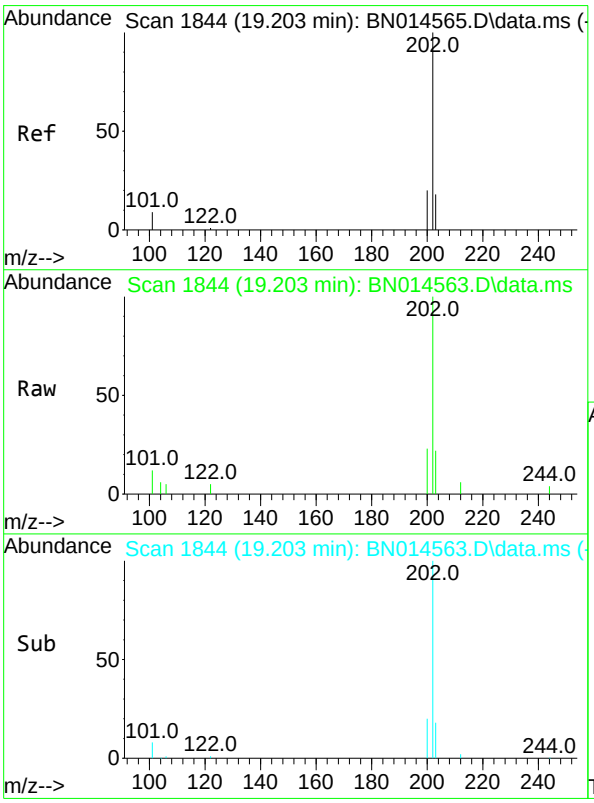


#27
Fluoranthene-d10
Concen: 0.10 ng
RT: 19.173 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:212 Resp: 1920

Ion	Ratio	Lower	Upper
212	100		
106	10.0	10.1	15.1#
104	6.4	5.4	8.2

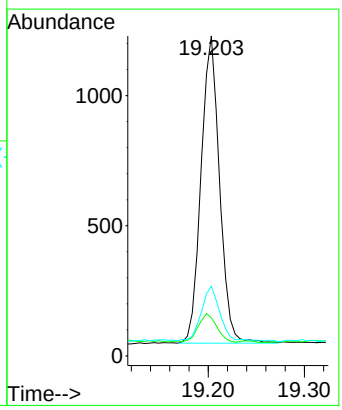




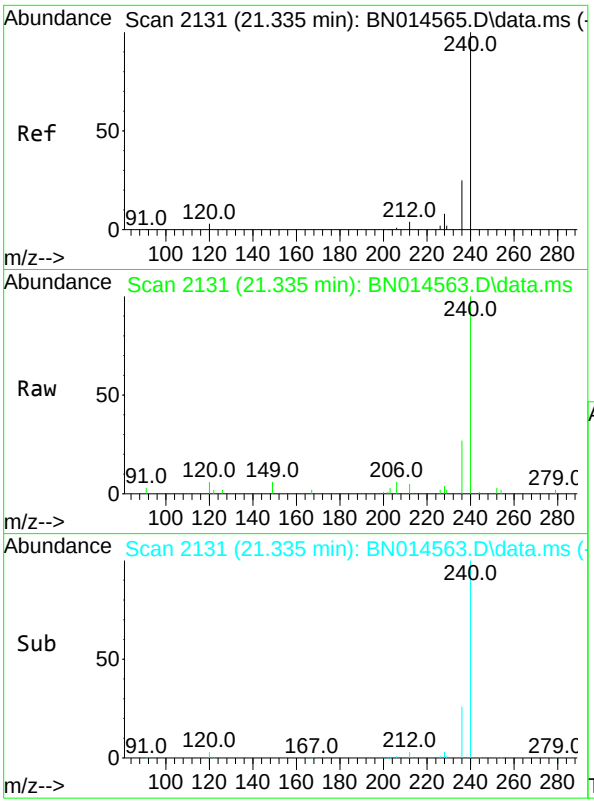
#28
Fluoranthene
Concen: 0.11 ng
RT: 19.203 min Scan# 1844
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:202 Resp: 1575

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.4	12.6
203	18.8	13.5	20.3



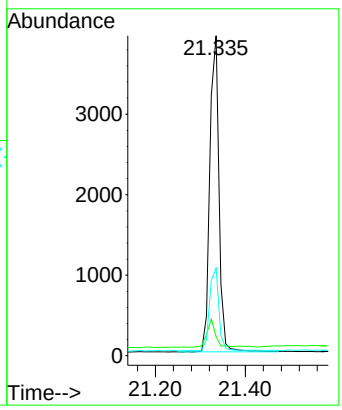
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

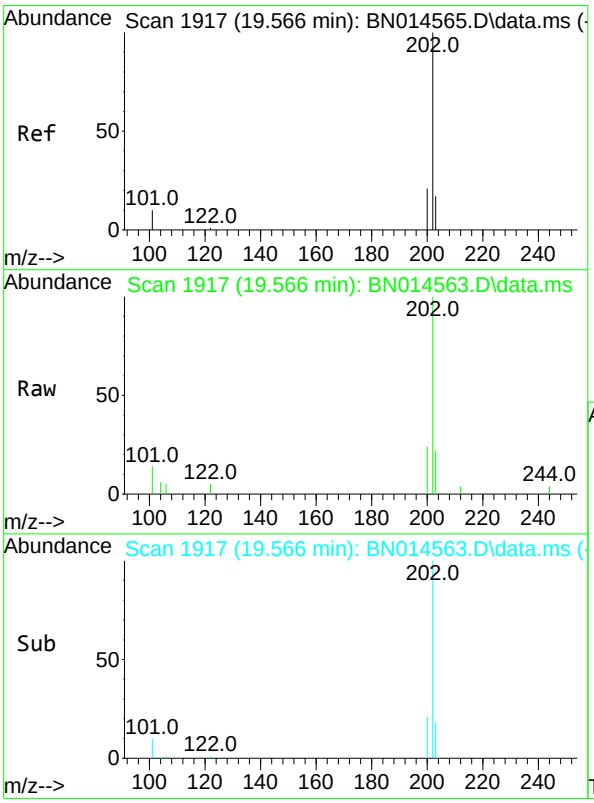


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.335 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:240 Resp: 5534

Ion	Ratio	Lower	Upper
240	100		
120	6.0	5.8	8.8
236	27.3	20.6	30.8

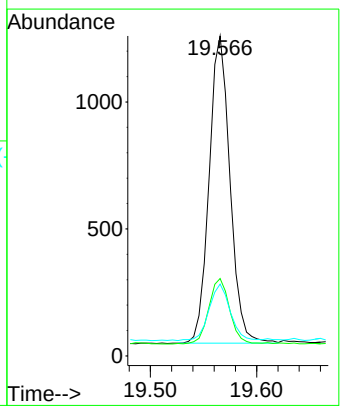




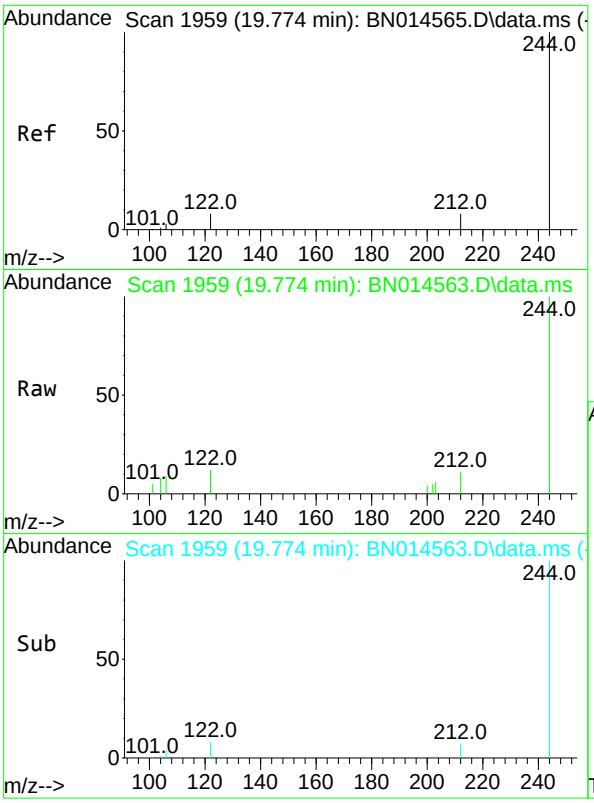
#30
Pyrene
Concen: 0.11 ng
RT: 19.566 min Scan# 1917
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:202 Resp: 1652

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.3	24.5
203	18.7	14.0	21.0



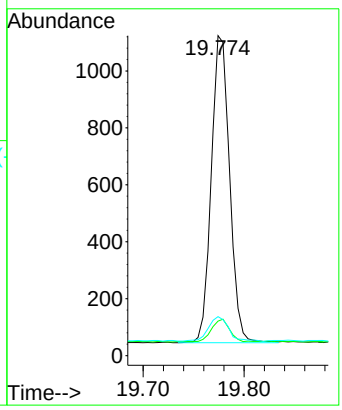
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

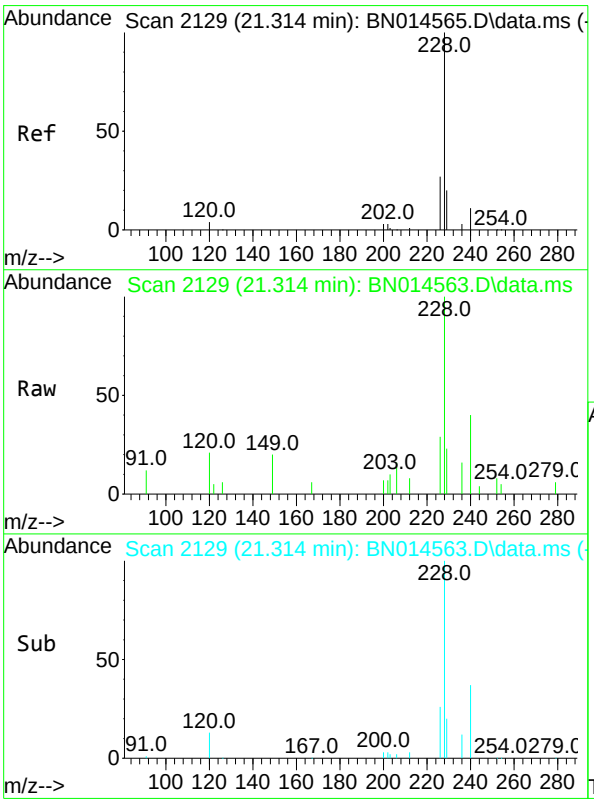


#31
Terphenyl-d14
Concen: 0.10 ng
RT: 19.774 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:244 Resp: 1362

Ion	Ratio	Lower	Upper
244	100		
212	10.8	6.0	9.0#
122	12.2	9.3	13.9

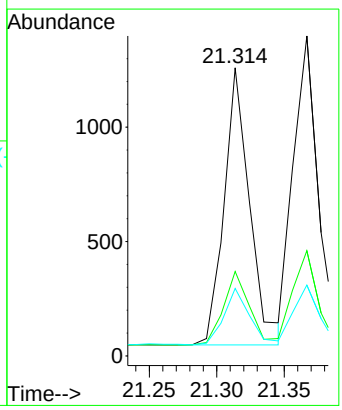




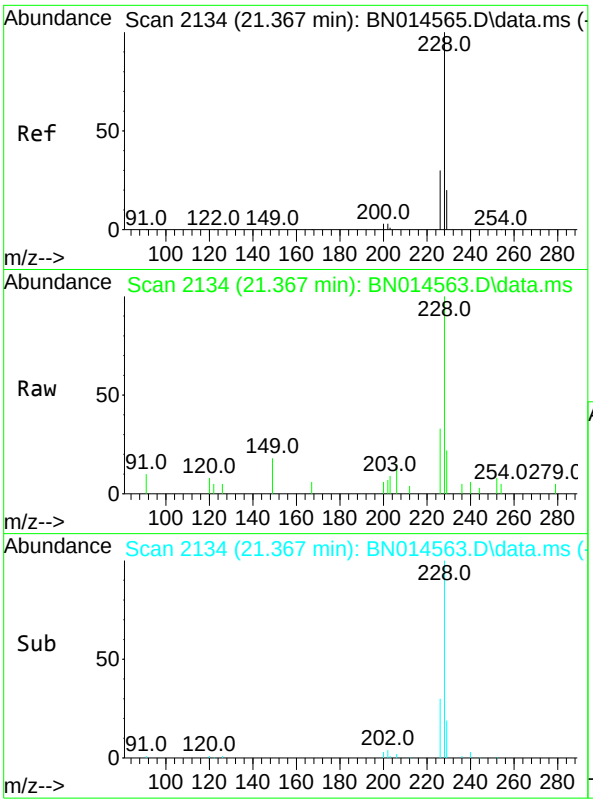
#32
Benzo(a)anthracene
Concen: 0.10 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:228 Resp: 1596

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.7	32.5
229	23.4	15.7	23.5



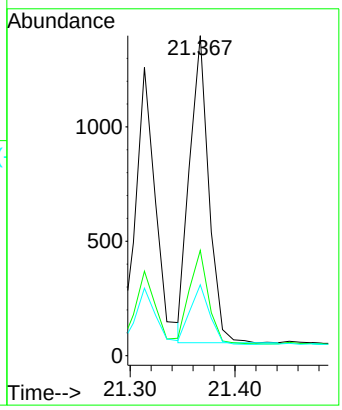
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

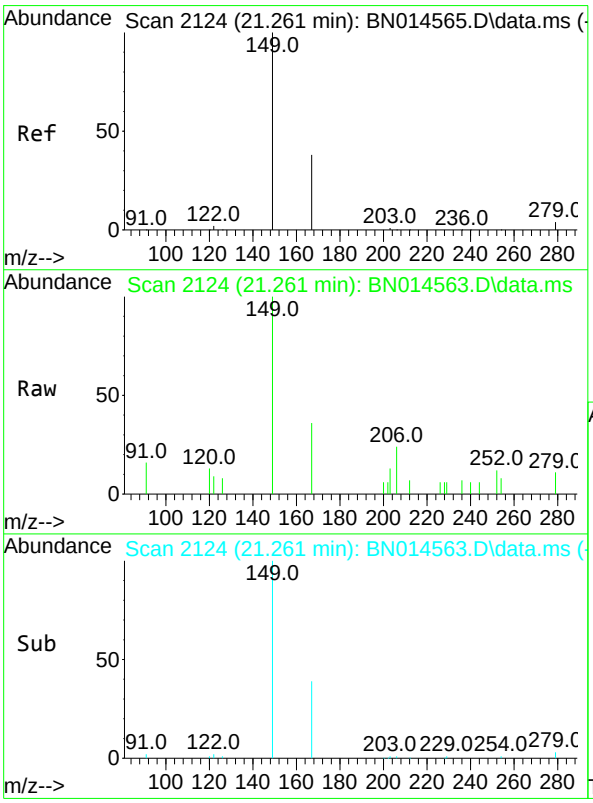


#33
Chrysene
Concen: 0.10 ng
RT: 21.367 min Scan# 2134
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:228 Resp: 1699

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.8	35.6
229	22.2	15.6	23.4

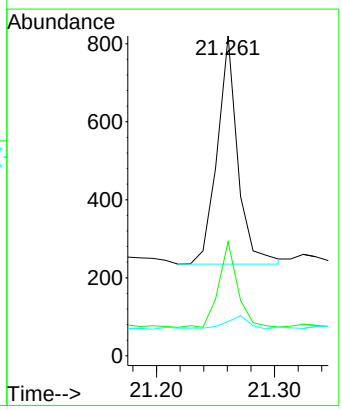




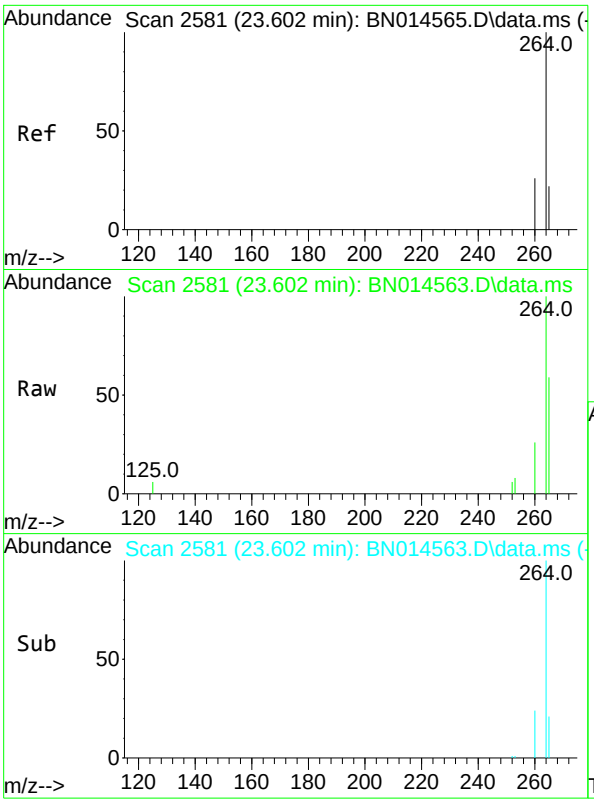
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.12 ng
RT: 21.261 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:149 Resp: 705

Ion	Ratio	Lower	Upper
149	100		
167	34.5	20.5	30.7#
279	8.7	2.9	4.3#



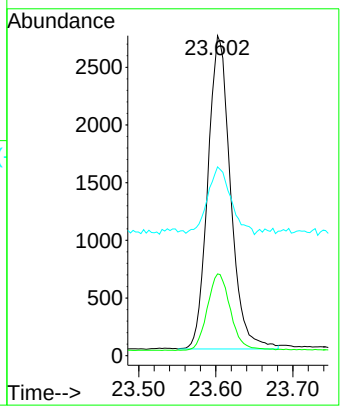
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

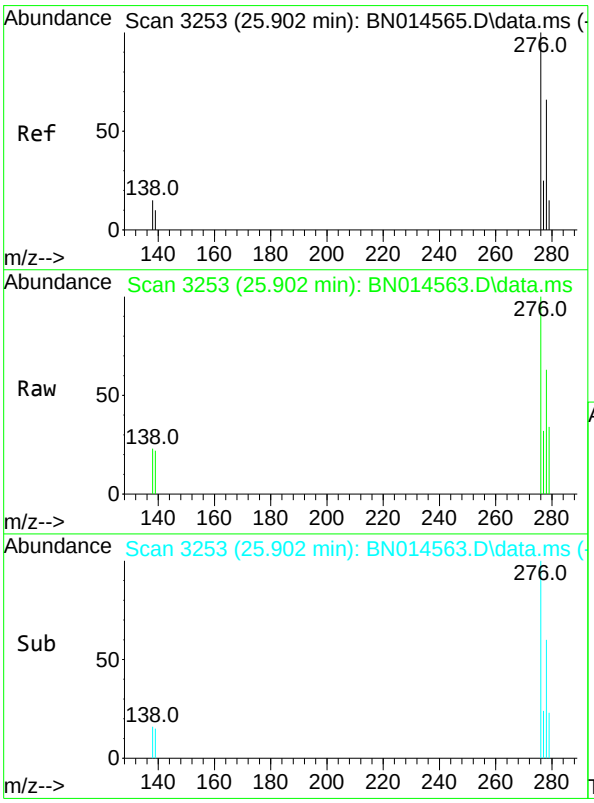


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.602 min Scan# 2581
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:264 Resp: 5557

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.5	29.3
265	59.0	35.4	53.0#

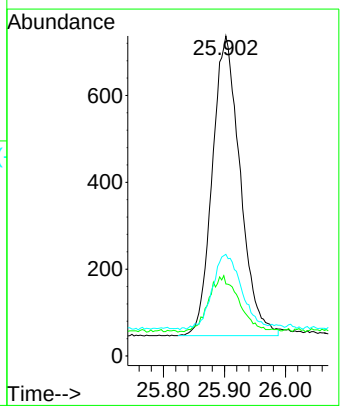




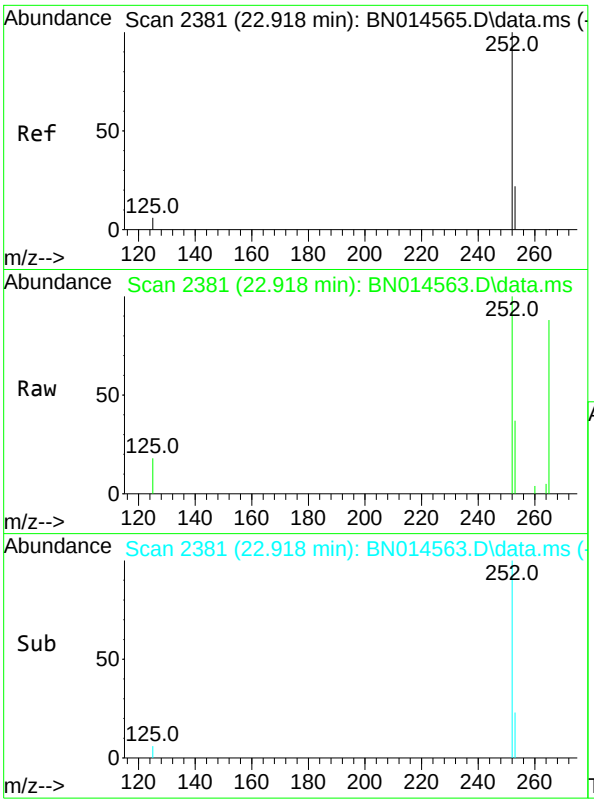
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.10 ng
RT: 25.902 min Scan# 3253
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:276 Resp: 2181

Ion	Ratio	Lower	Upper
276	100		
138	20.5	18.8	28.2
277	26.1	19.8	29.8



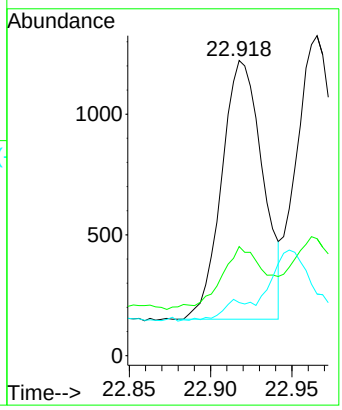
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

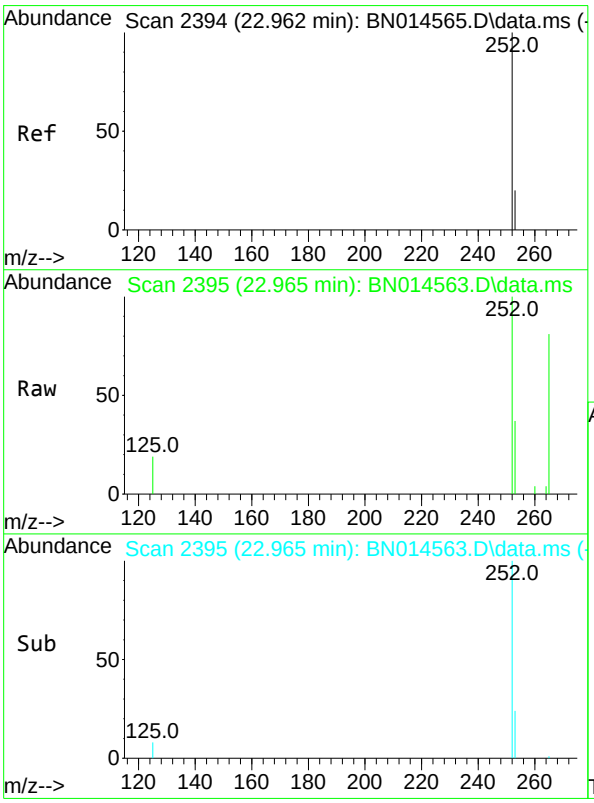


#37
Benzo(b)fluoranthene
Concen: 0.10 ng
RT: 22.918 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:252 Resp: 1874

Ion	Ratio	Lower	Upper
252	100		
253	37.0	19.6	29.4#
125	18.0	10.3	15.5#

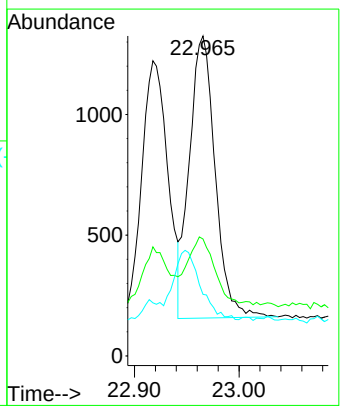




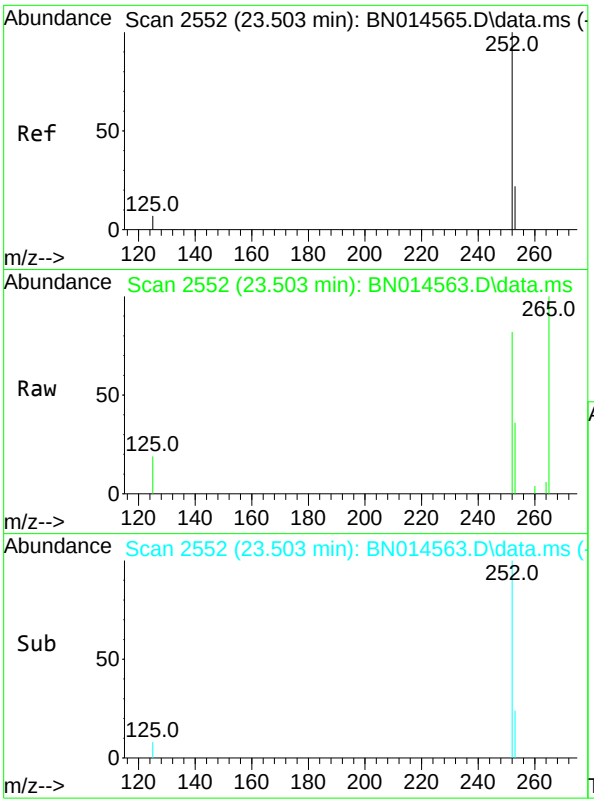
#38
Benzo(k)fluoranthene
Concen: 0.11 ng
RT: 22.965 min Scan# 2395
Delta R.T. 0.003 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:252 Resp: 1997

Ion	Ratio	Lower	Upper
252	100		
253	36.5	19.7	29.5#
125	19.2	9.7	14.5#



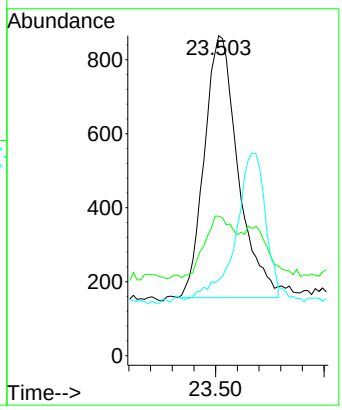
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

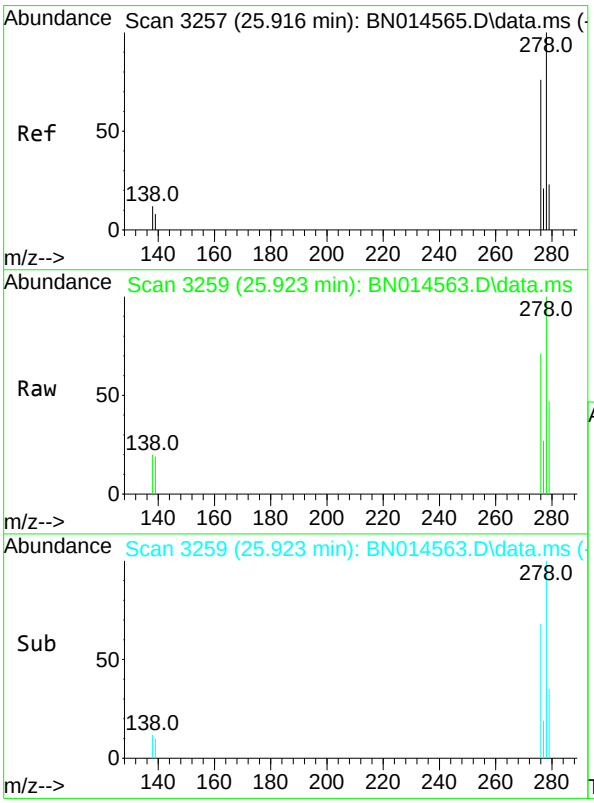


#39
Benzo(a)pyrene
Concen: 0.10 ng
RT: 23.503 min Scan# 2552
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:252 Resp: 1523

Ion	Ratio	Lower	Upper
252	100		
253	43.6	21.8	32.6#
125	23.7	14.9	22.3#

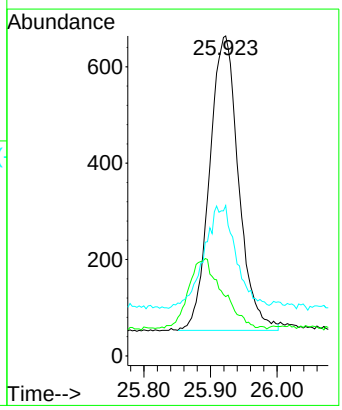


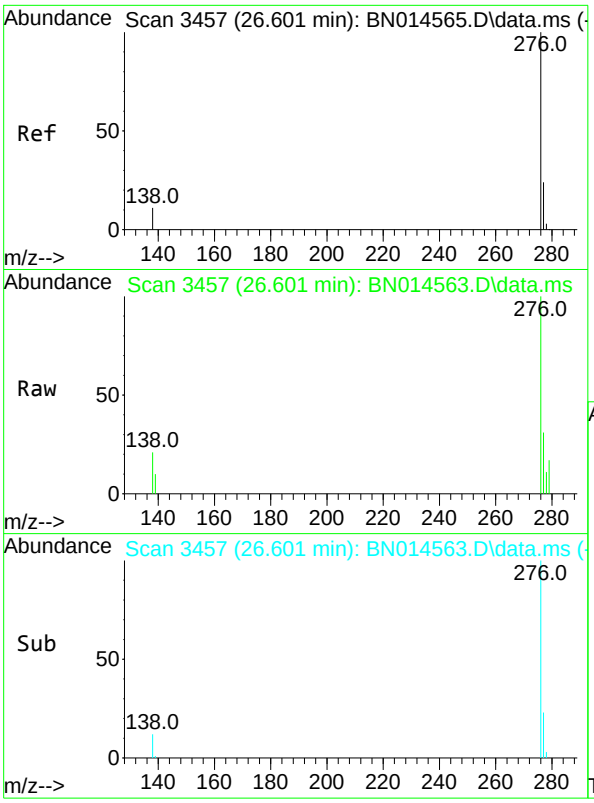


#40
Dibenzo(a,h)anthracene
Concen: 0.10 ng
RT: 25.923 min Scan# 3259
Delta R.T. 0.007 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:278 Resp: 1845

Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.9	20.9
279	47.0	20.7	31.1#

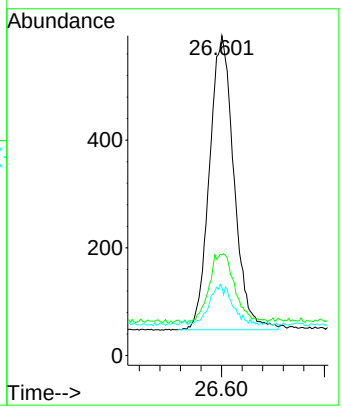




#41
Benzo(g,h,i)perylene
Concen: 0.10 ng
RT: 26.601 min Scan# 3457
Delta R.T. -0.000 min
Lab File: BN014563.D
Acq: 11 May 2021 15:47

Tgt Ion:276 Resp: 1798

Ion	Ratio	Lower	Upper
276	100		
277	31.5	19.6	29.4#
138	21.4	17.5	26.3



Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1