Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014561.D
Acq On : 10 May 2021 18:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: May 10 19:13:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration

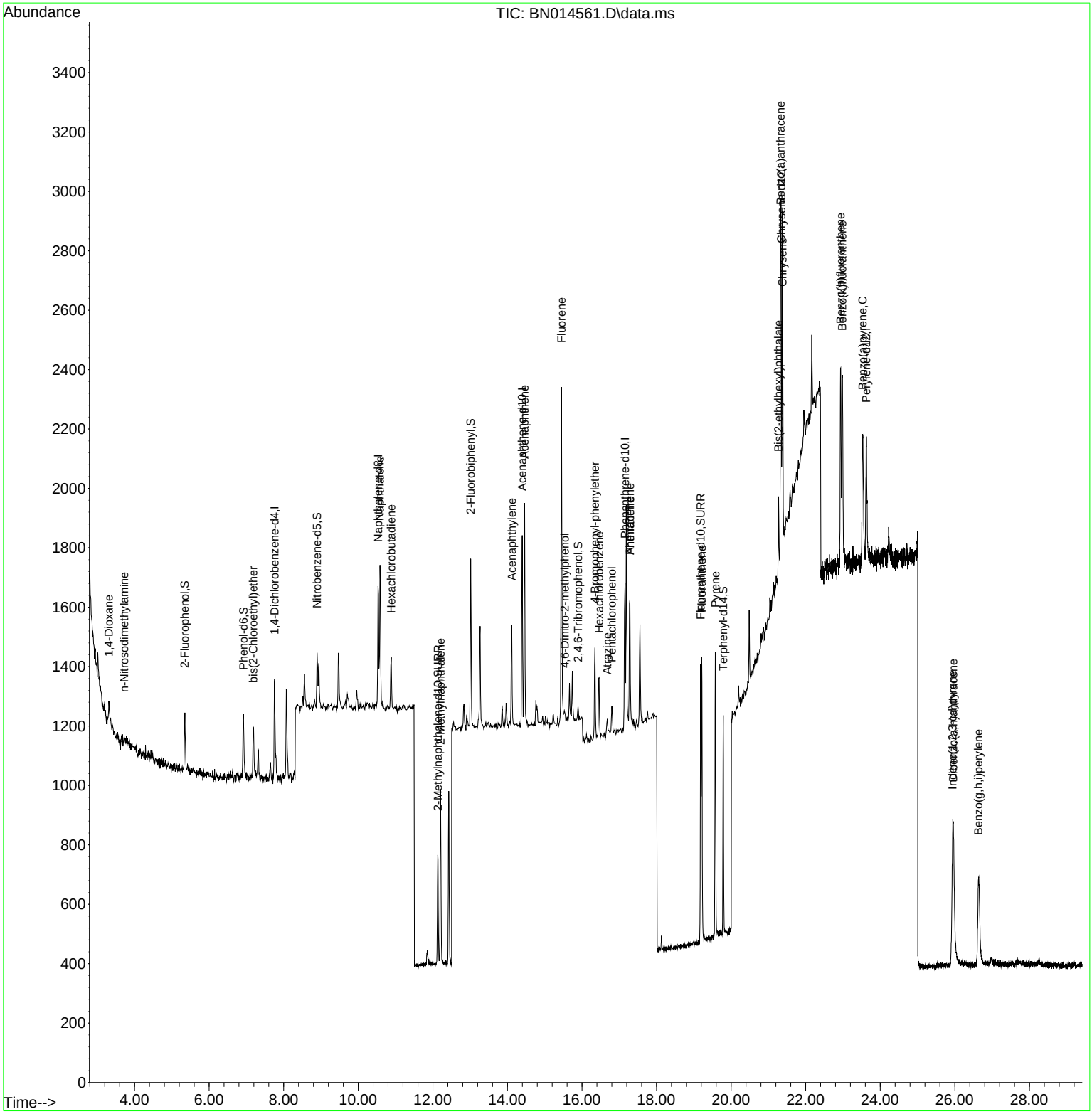
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	179	0.40	ng		# 0.00
7) Naphthalene-d8	10.530	136	624	0.40	ng		#-0.01
13) Acenaphthene-d10	14.397	164	404	0.40	ng		0.00
19) Phenanthrene-d10	17.153	188	804	0.40	ng		# 0.00
29) Chrysene-d12	21.345	240	827	0.40	ng		# 0.00
35) Perylene-d12	23.623	264	593	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.349	112	181	0.36	ng		0.00
5) Phenol-d6	6.919	99	237	0.34	ng		0.00
8) Nitrobenzene-d5	8.895	82	199	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.133	152	534	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.894	330	54	0.30	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	526	0.36	ng		-0.01
27) Fluoranthene-d10	19.183	212	1142	0.33	ng		0.00
31) Terphenyl-d14	19.789	244	815	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.311	88	107	0.47	ng	#	92
3) n-Nitrosodimethylamine	3.722	42	6	0.08	ng	#	37
6) bis(2-Chloroethyl)ether	7.185	93	198	0.39	ng		94
9) Naphthalene	10.581	128	691	0.42	ng	#	71
10) Hexachlorobutadiene	10.885	225	154	0.39	ng	#	99
12) 2-Methylnaphthalene	12.204	142	418	0.36	ng	#	83
16) Acenaphthylene	14.118	152	488	0.31	ng		97
17) Acenaphthene	14.460	154	388	0.36	ng		98
18) Fluorene	15.450	166	480	0.33	ng	#	95
20) 4,6-Dinitro-2-methylph...	15.539	198	27	0.47	ng	#	1
21) 4-Bromophenyl-phenylether	16.349	248	175	0.35	ng	#	88
22) Hexachlorobenzene	16.459	284	202	0.40	ng		92
23) Atrazine	16.678	200	66	0.19	ng	#	29
24) Pentachlorophenol	16.800	266	66	0.38	ng	#	22
25) Phenanthrene	17.286	178	658	0.31	ng		98
26) Anthracene	17.286	178	642	0.33	ng		98
28) Fluoranthene	19.213	202	910	0.33	ng		98
30) Pyrene	19.575	202	931	0.40	ng		99
32) Benzo(a)anthracene	21.324	228	852	0.34	ng	#	90
33) Chrysene	21.377	228	928	0.37	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.271	149	257	0.29	ng	#	76
36) Indeno(1,2,3-cd)pyrene	25.940	276	794	0.35	ng	#	91
37) Benzo(b)fluoranthene	22.938	252	917	0.47	ng	#	57
38) Benzo(k)fluoranthene	22.982	252	906	0.48	ng	#	52
39) Benzo(a)pyrene	23.527	252	764	0.45	ng	#	46
40) Dibenzo(a,h)anthracene	25.960	278	661	0.34	ng	#	40
41) Benzo(g,h,i)perylene	26.635	276	805	0.42	ng	#	74

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

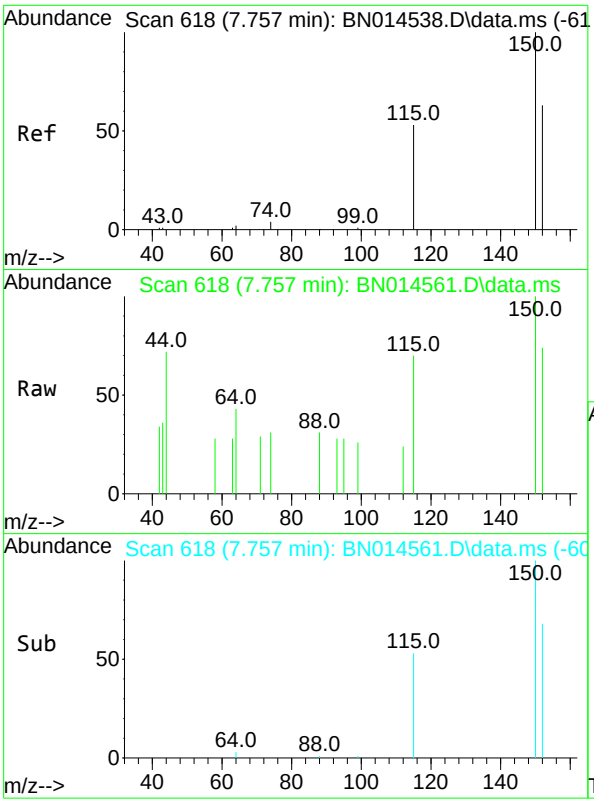
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051021\
Data File : BN014561.D
Acq On : 10 May 2021 18:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 10 19:13:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 17:32:10 2021
Response via : Initial Calibration



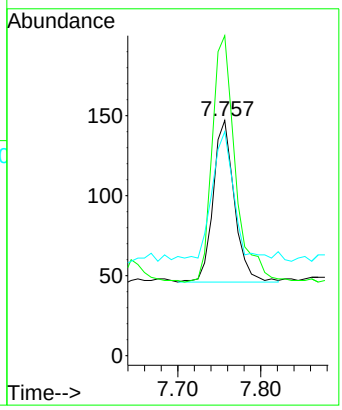
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

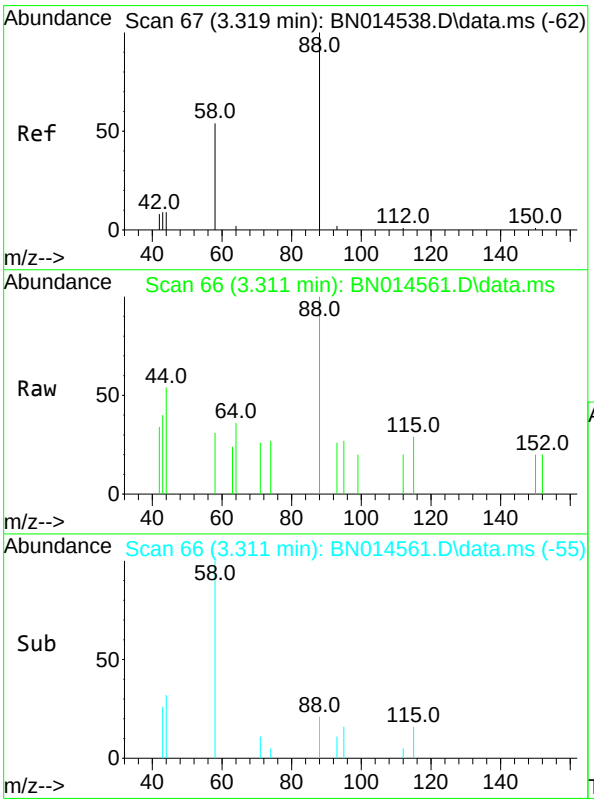


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.757 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:152 Resp: 179

Ion	Ratio	Lower	Upper
152	100		
150	136.1	123.8	185.8
115	95.2	47.0	70.4#

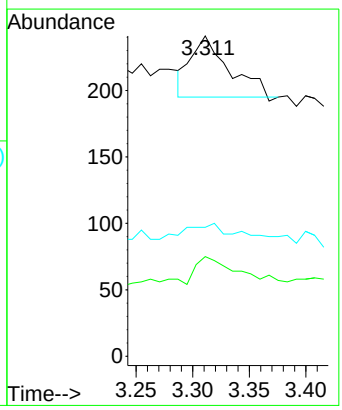




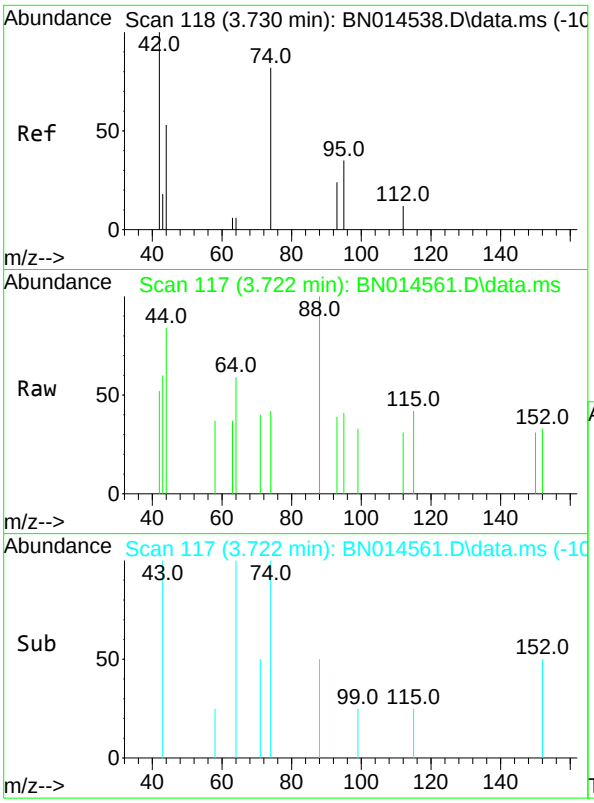
#2
1,4-Dioxane
Concen: 0.47 ng
RT: 3.311 min Scan# 66
Delta R.T. -0.008 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion: 88 Resp: 107

Ion	Ratio	Lower	Upper
88	100		
58	50.5	44.4	66.6
43	24.3	15.9	23.9#



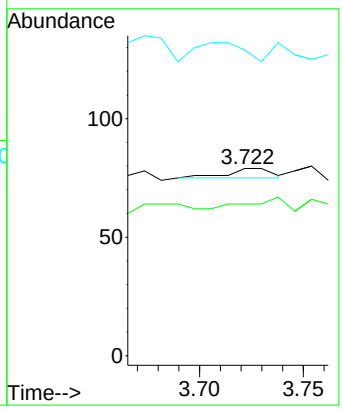
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

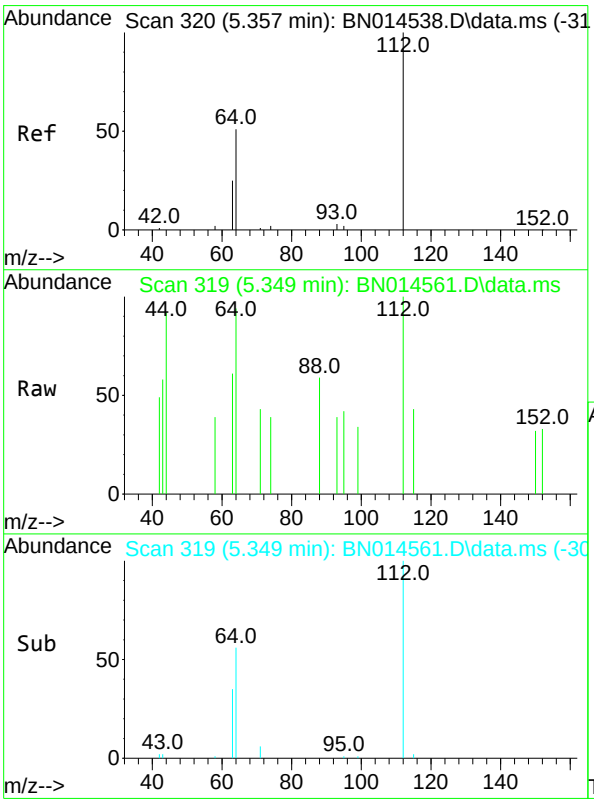


#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.722 min Scan# 117
Delta R.T. -0.008 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion: 42 Resp: 6

Ion	Ratio	Lower	Upper
42	100		
74	133.3	175.1	262.7#
44	116.7	7.5	11.3#

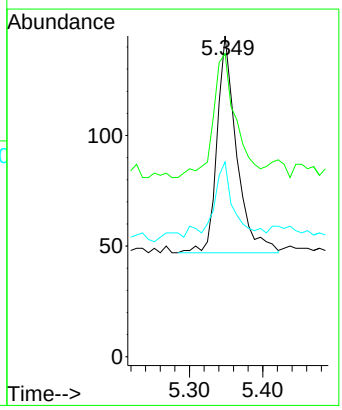




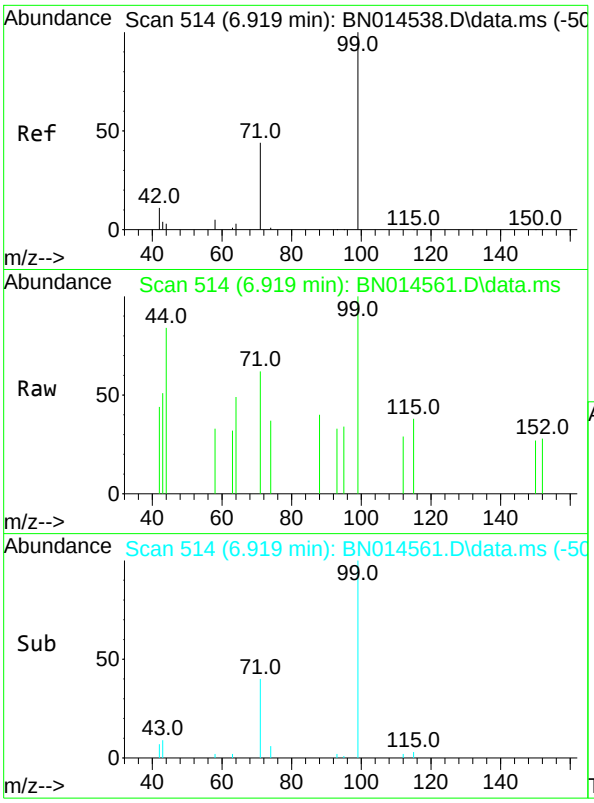
#4
2-Fluorophenol
Concen: 0.36 ng
RT: 5.349 min Scan# 319
Delta R.T. -0.008 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:112 Resp: 181

Ion	Ratio	Lower	Upper
112	100		
64	66.3	41.8	62.6#
63	34.3	22.0	33.0#



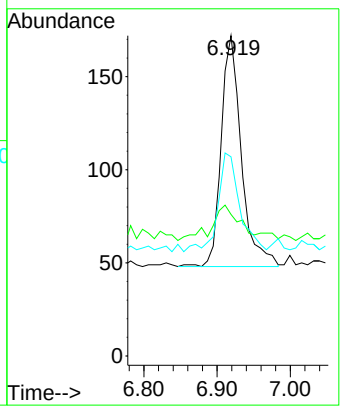
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

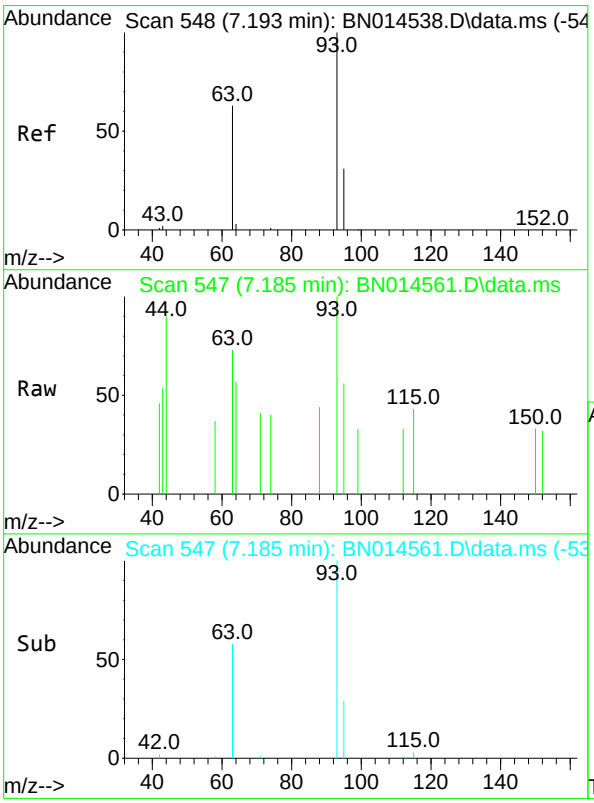


#5
Phenol-d6
Concen: 0.34 ng
RT: 6.919 min Scan# 514
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion: 99 Resp: 237

Ion	Ratio	Lower	Upper
99	100		
42	20.7	13.2	19.8#
71	46.4	26.2	39.2#

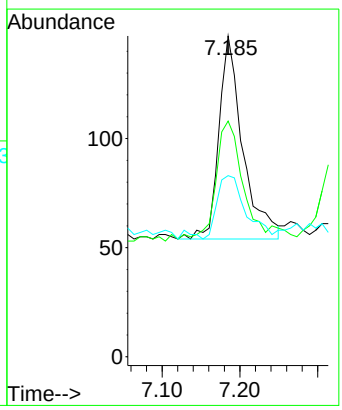




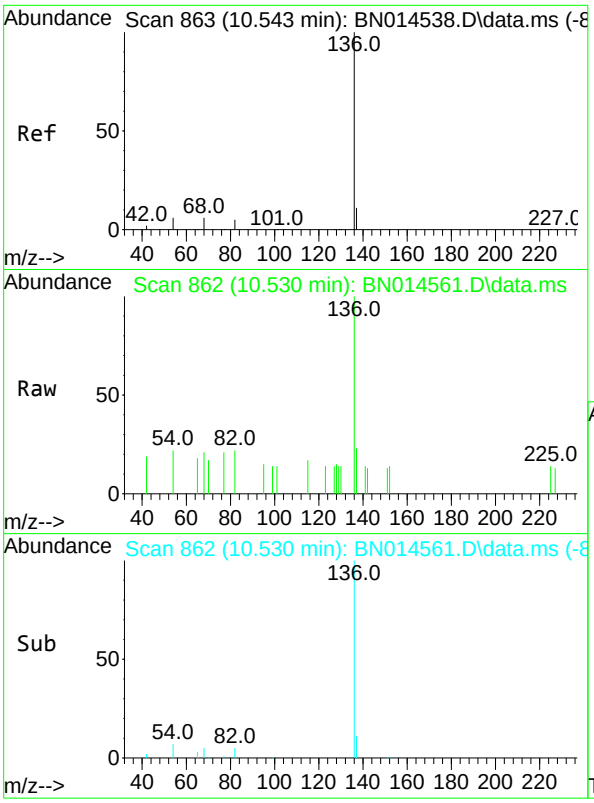
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 7.185 min Scan# 547
Delta R.T. -0.008 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion: 93 Resp: 198

Ion	Ratio	Lower	Upper
93	100		
63	67.2	58.0	87.0
95	36.9	27.0	40.6



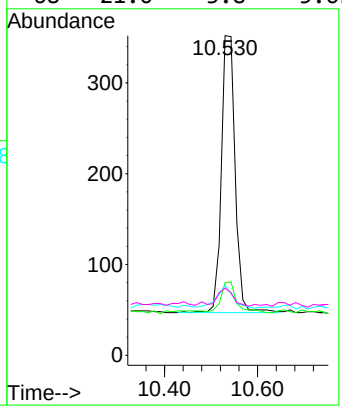
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

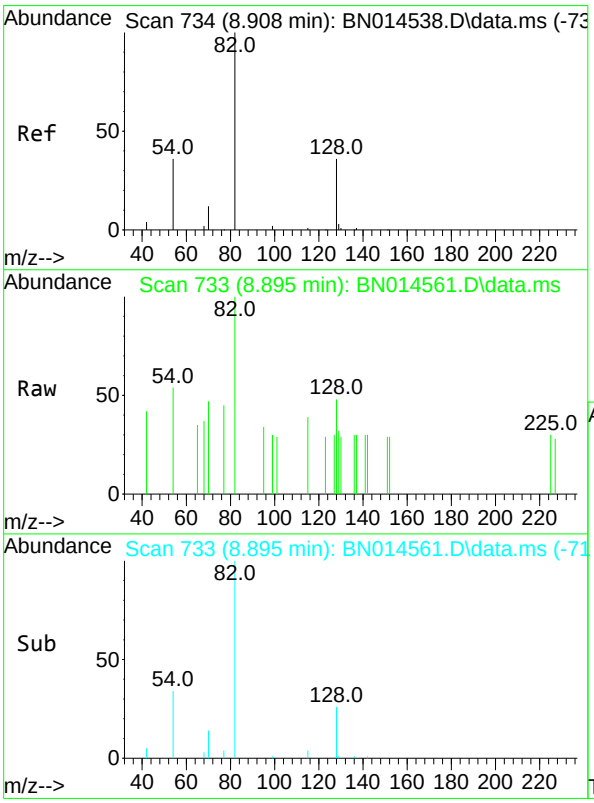


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.530 min Scan# 862
Delta R.T. -0.013 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:136 Resp: 624

Ion	Ratio	Lower	Upper
136	100		
137	22.7	8.9	13.3#
54	21.9	3.8	5.8#
68	21.0	3.8	5.6#

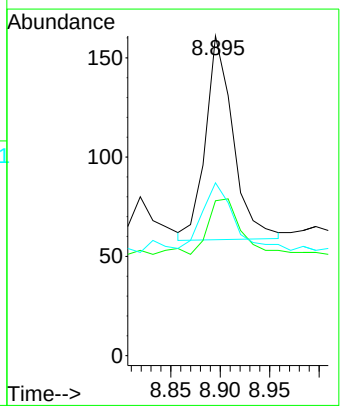


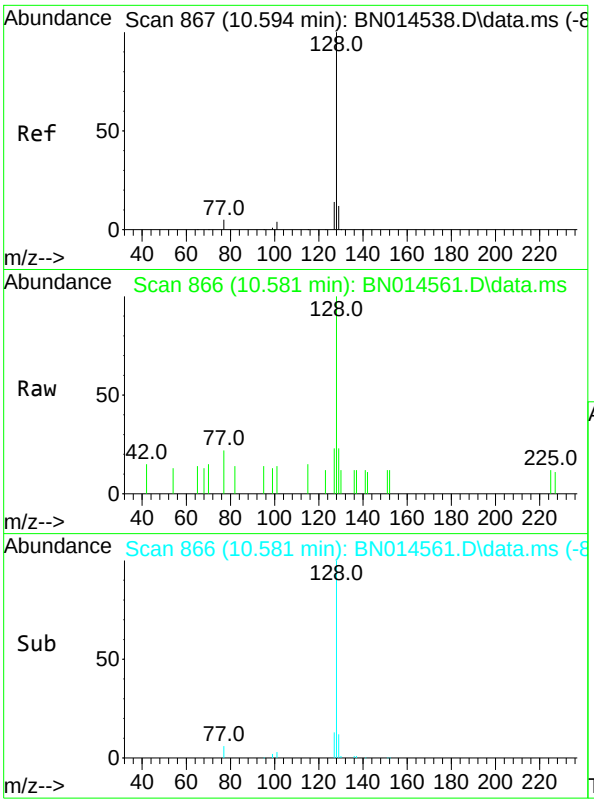


#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.895 min Scan# 733
Delta R.T. -0.013 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion: 82 Resp: 199

Ion	Ratio	Lower	Upper
82	100		
128	48.4	29.5	44.3#
54	54.0	36.9	55.3

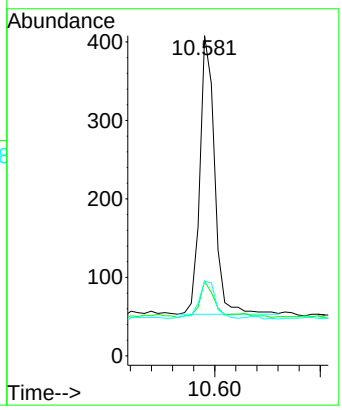




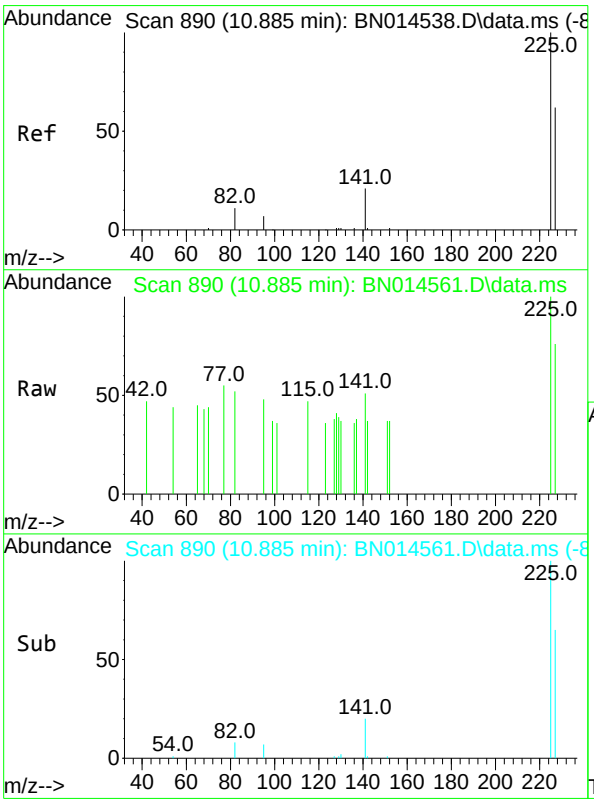
#9
Naphthalene
Concen: 0.42 ng
RT: 10.581 min Scan# 866
Delta R.T. -0.013 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:128 Resp: 691

Ion	Ratio	Lower	Upper
128	100		
129	23.3	9.0	13.4#
127	23.3	10.4	15.6#



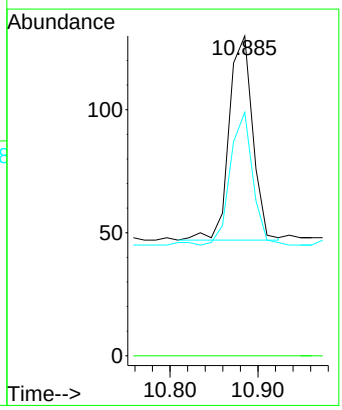
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.885 min Scan# 890
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:225 Resp: 154

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.0	50.9	76.3



Instrument :
BNA_N
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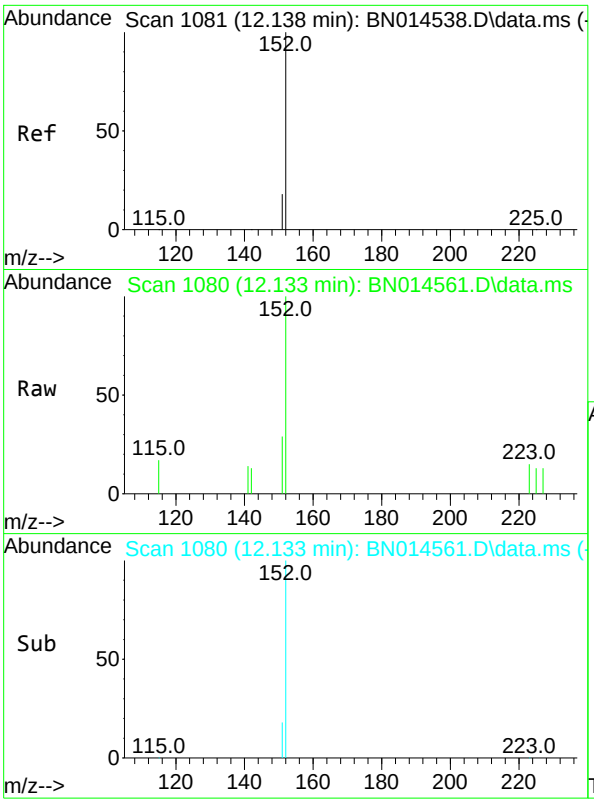
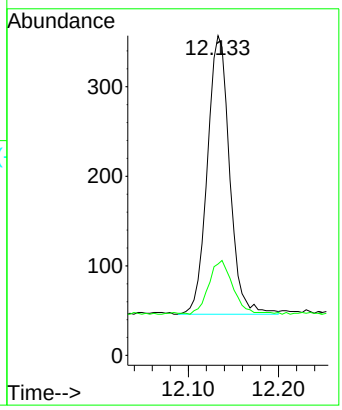
SSTDCCC0.4EC

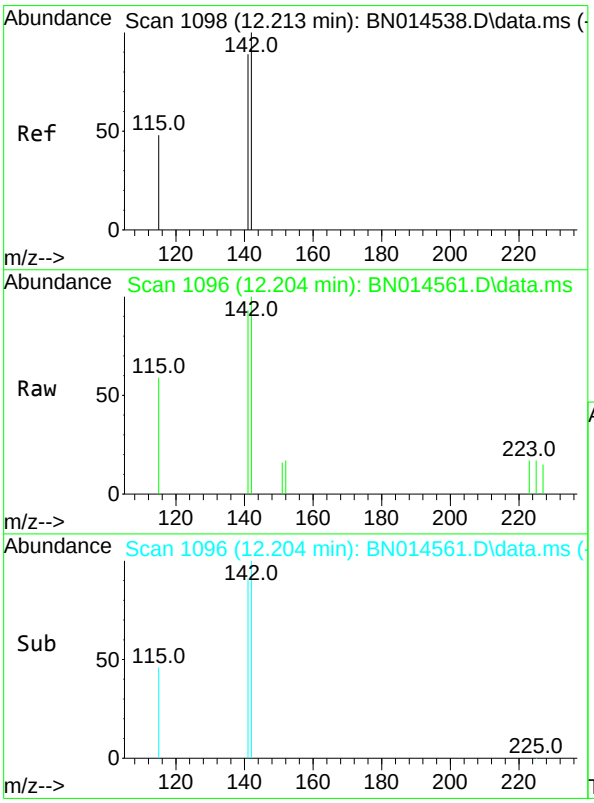


#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.133 min Scan# 1080
Delta R.T. -0.005 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:152 Resp: 534

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.2

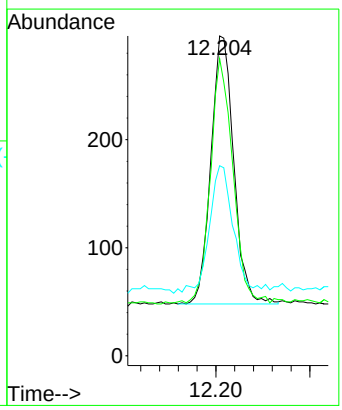




#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.204 min Scan# 1096
Delta R.T. -0.009 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:142 Resp: 418

Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.2	105.4
115	59.5	26.7	40.1#



Instrument :
BNA_N
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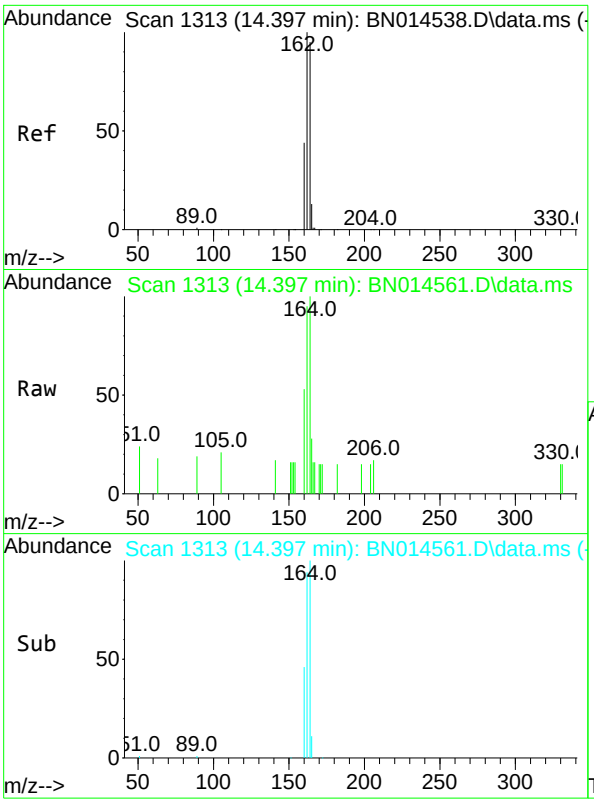
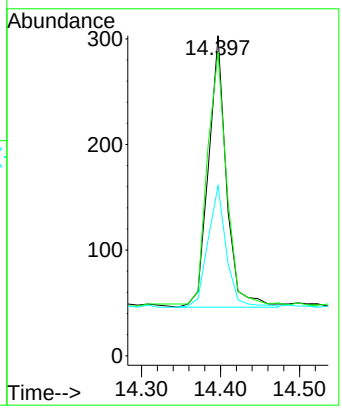
SSTDCCC0.4EC

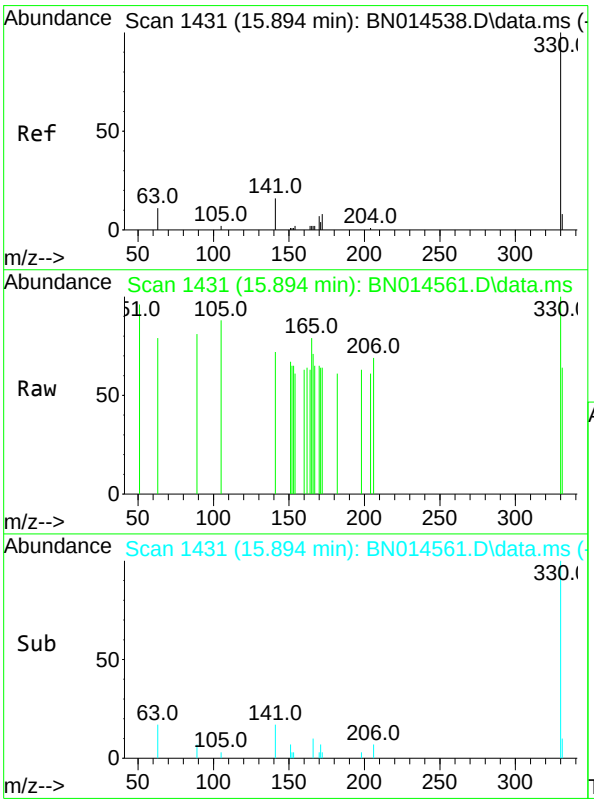


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.397 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:164 Resp: 404

Ion	Ratio	Lower	Upper
164	100		
162	94.7	78.6	118.0
160	53.1	35.8	53.8

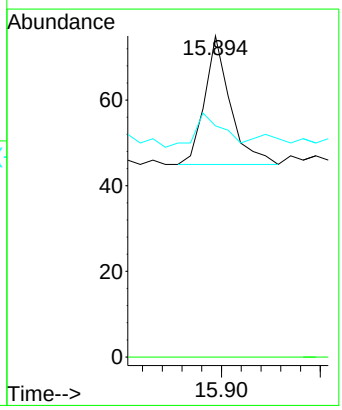


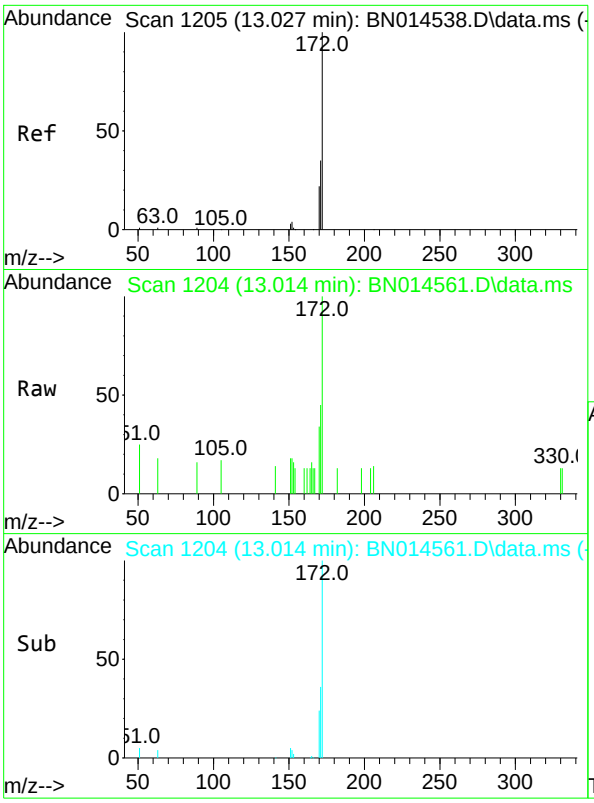


#14
2,4,6-Tribromophenol
Concen: 0.30 ng
RT: 15.894 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:330 Resp: 54

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.8	27.0	40.4

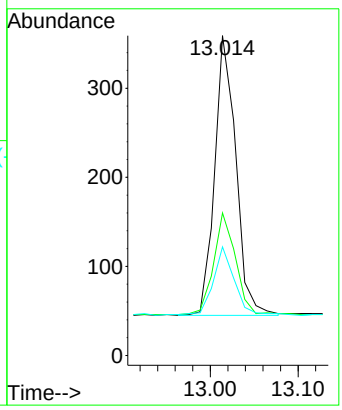




#15
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.014 min Scan# 1204
Delta R.T. -0.013 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:172 Resp: 526

Ion	Ratio	Lower	Upper
172	100		
171	44.6	27.1	40.7#
170	34.0	18.3	27.5#



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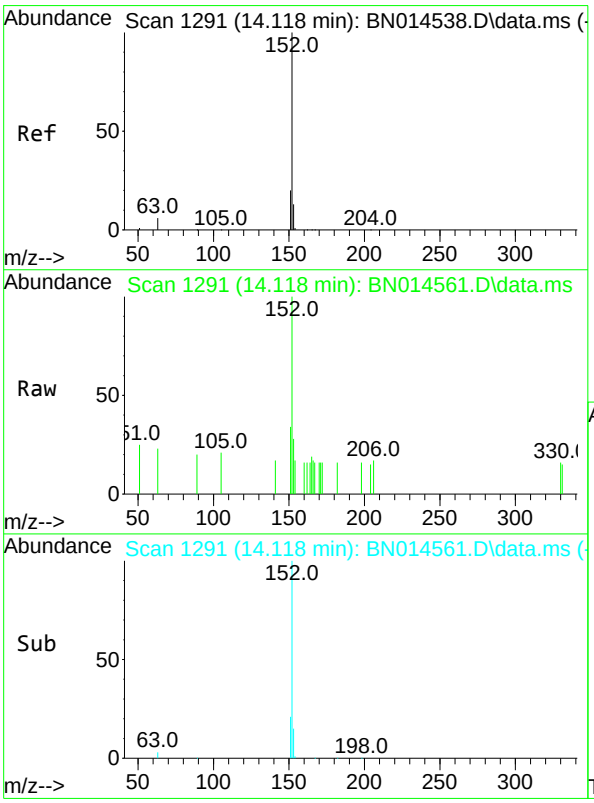
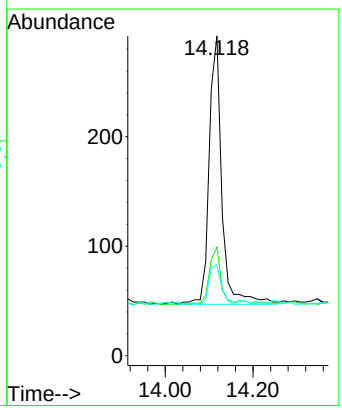


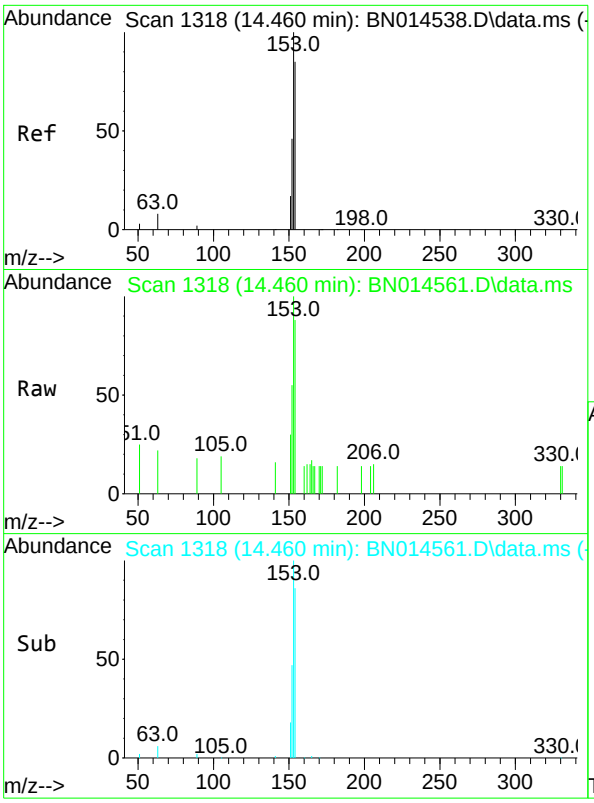
#16
Acenaphthylene
Concen: 0.31 ng
RT: 14.118 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:152 Resp: 488

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.6	23.4
153	15.0	10.5	15.7



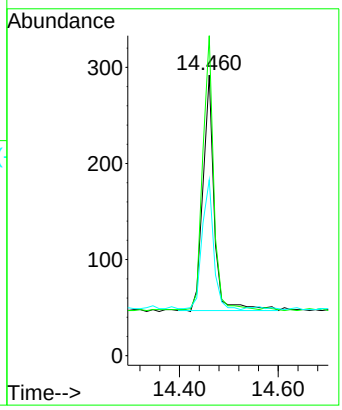
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

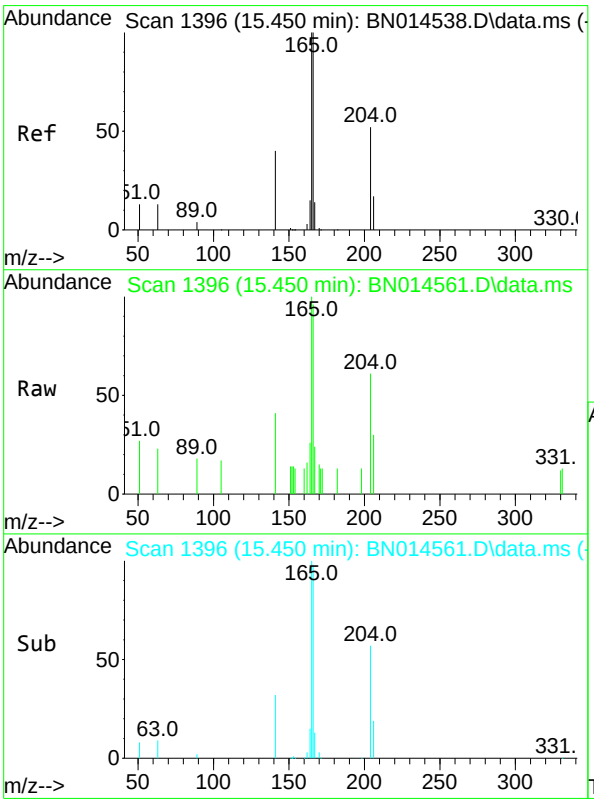


#17
Acenaphthene
Concen: 0.36 ng
RT: 14.460 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:154 Resp: 388

Ion	Ratio	Lower	Upper
154	100		
153	111.3	90.2	135.4
152	56.2	46.2	69.2

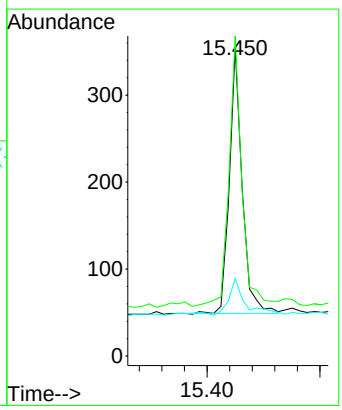




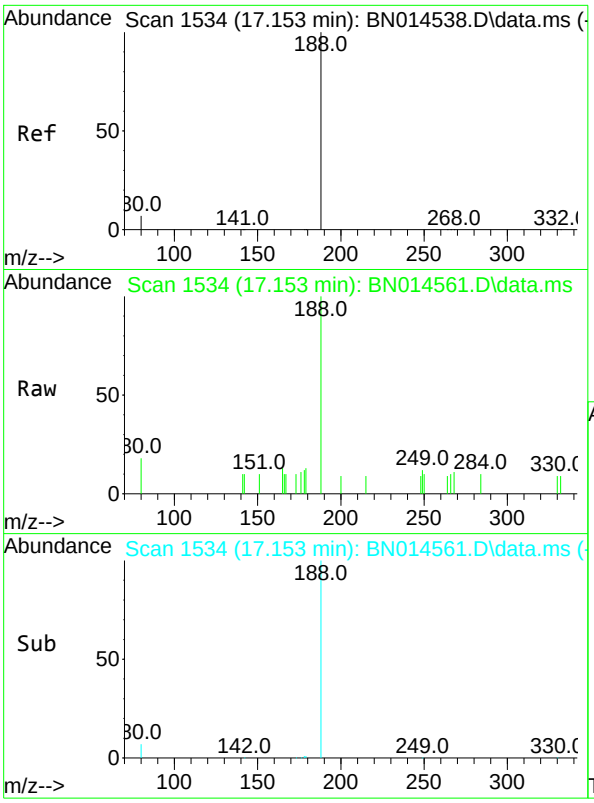
#18
Fluorene
Concen: 0.33 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:166 Resp: 480

Ion	Ratio	Lower	Upper
166	100		
165	102.5	78.4	117.6
167	17.5	10.7	16.1#



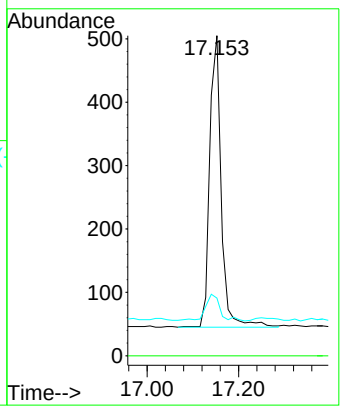
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

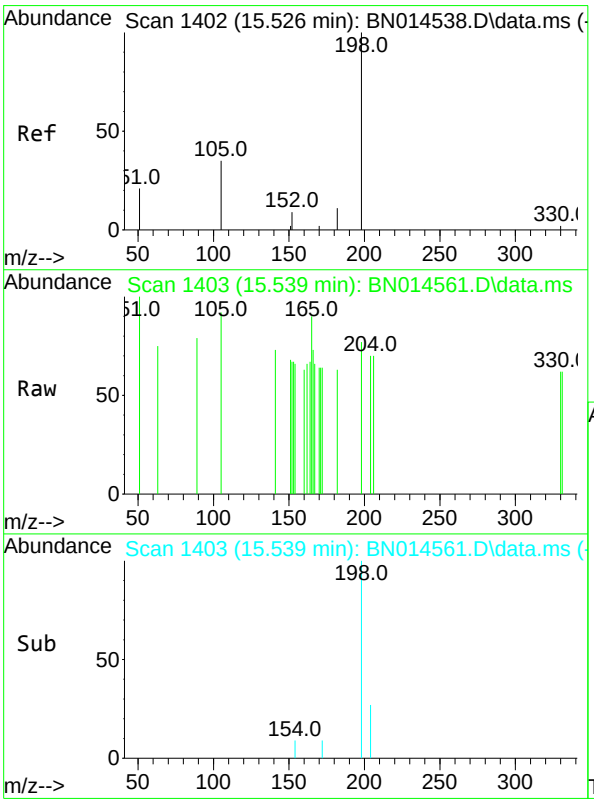


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.153 min Scan# 1534
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:188 Resp: 804

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	18.0	5.2	7.8#

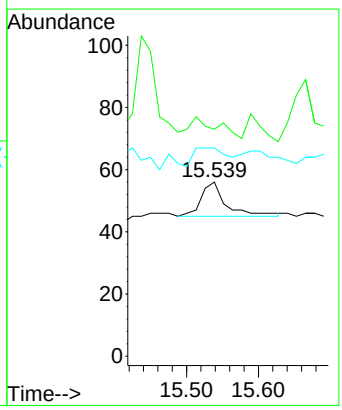




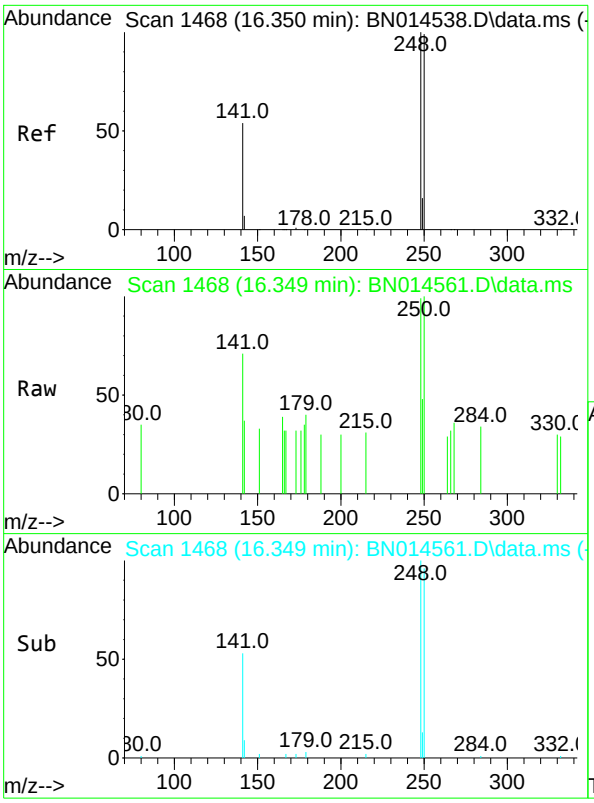
#20
4,6-Dinitro-2-methylphenol
Concen: 0.47 ng
RT: 15.539 min Scan# 1403
Delta R.T. 0.013 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:198 Resp: 27

Ion	Ratio	Lower	Upper
198	100		
51	130.4	865.3	1297.9#
105	119.6	93.6	140.4



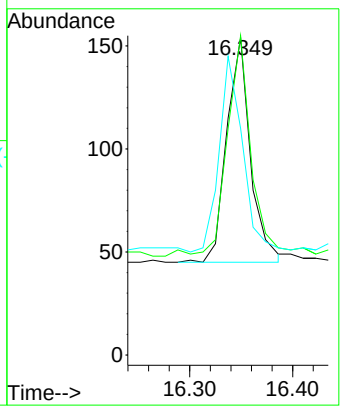
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

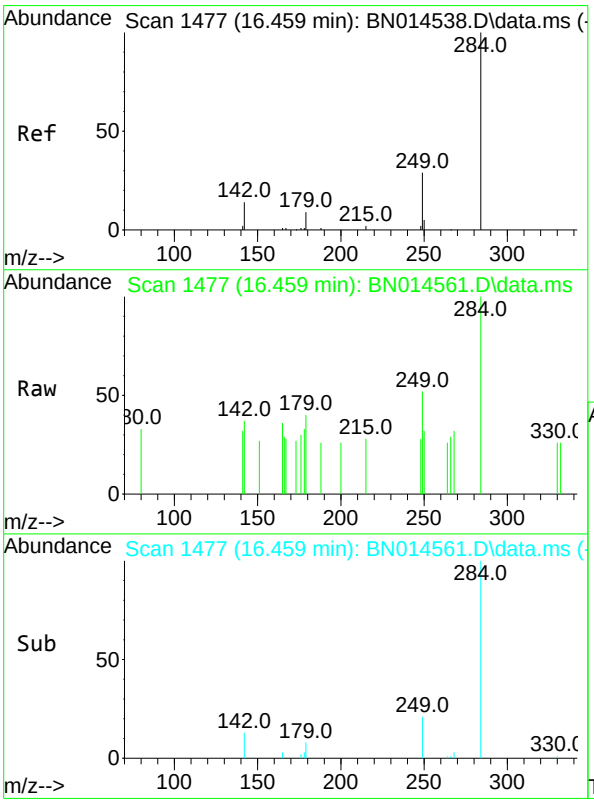


#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.349 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:248 Resp: 175

Ion	Ratio	Lower	Upper
248	100		
250	100.6	80.5	120.7
141	71.4	37.2	55.8#

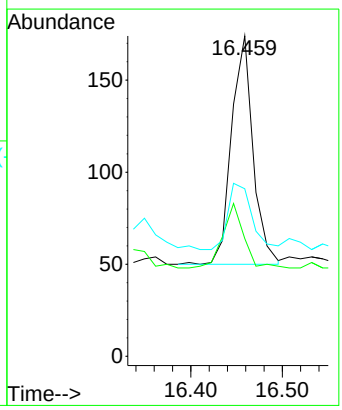




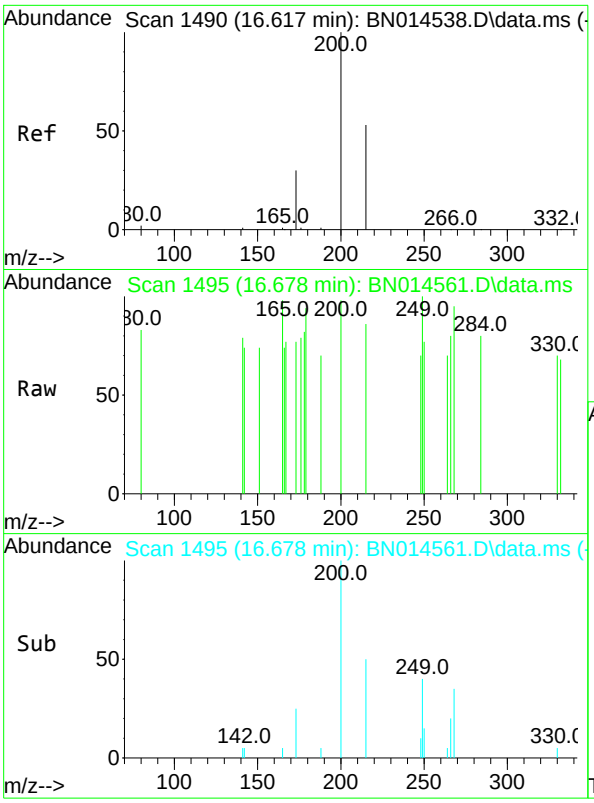
#22
Hexachlorobenzene
Concen: 0.40 ng
RT: 16.459 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:284 Resp: 202

Ion	Ratio	Lower	Upper
284	100		
142	27.2	26.6	39.8
249	32.2	23.6	35.4



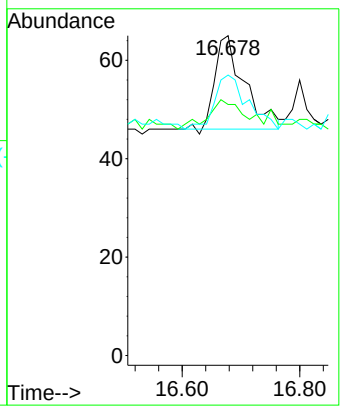
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

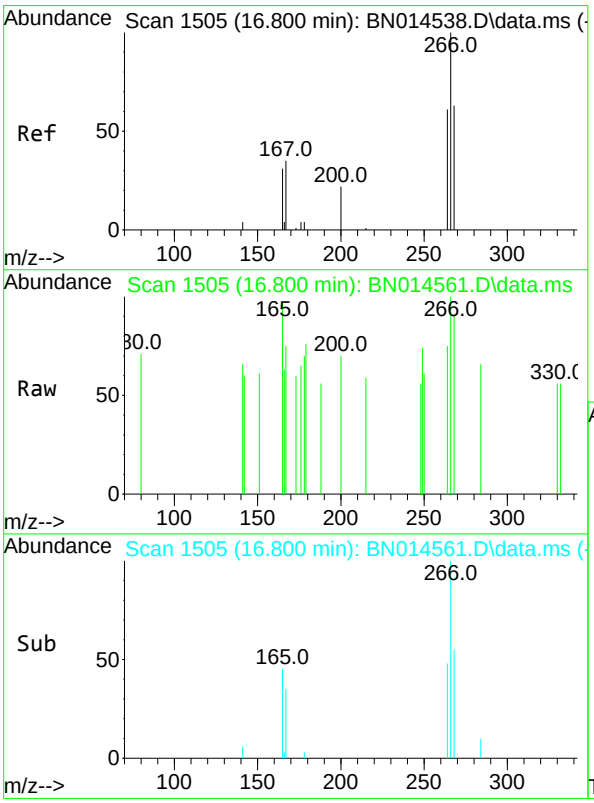


#23
Atrazine
Concen: 0.19 ng
RT: 16.678 min Scan# 1495
Delta R.T. 0.061 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:200 Resp: 66

Ion	Ratio	Lower	Upper
200	100		
173	78.5	23.0	34.6#
215	87.7	38.6	57.8#

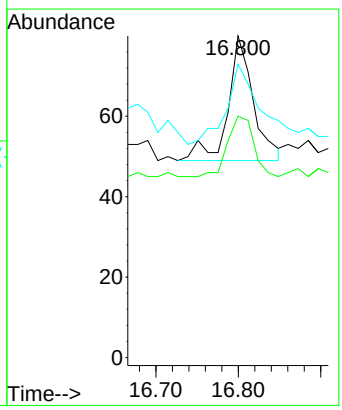




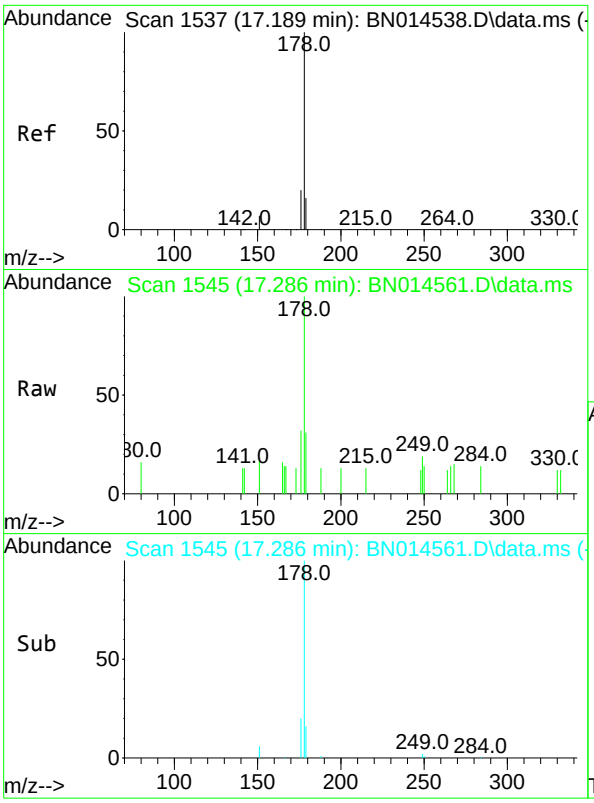
#24
Pentachlorophenol
Concen: 0.38 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:266 Resp: 66

Ion	Ratio	Lower	Upper
266	100		
264	50.0	24.2	36.4#
268	97.0	25.2	37.8#



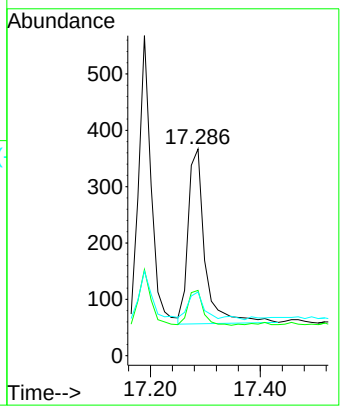
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

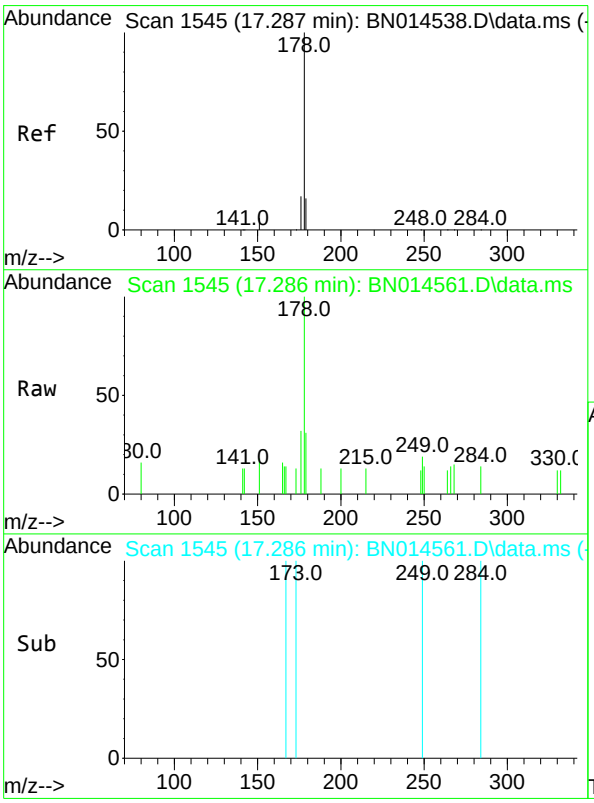


#25
Phenanthrene
Concen: 0.31 ng
RT: 17.286 min Scan# 1545
Delta R.T. 0.097 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:178 Resp: 658

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.2	22.8
179	16.1	12.4	18.6

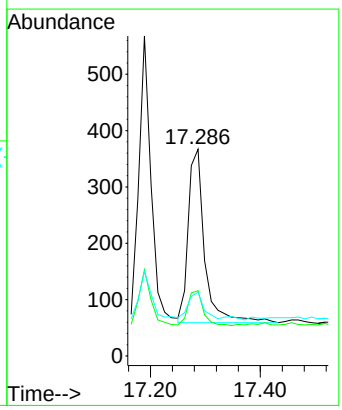




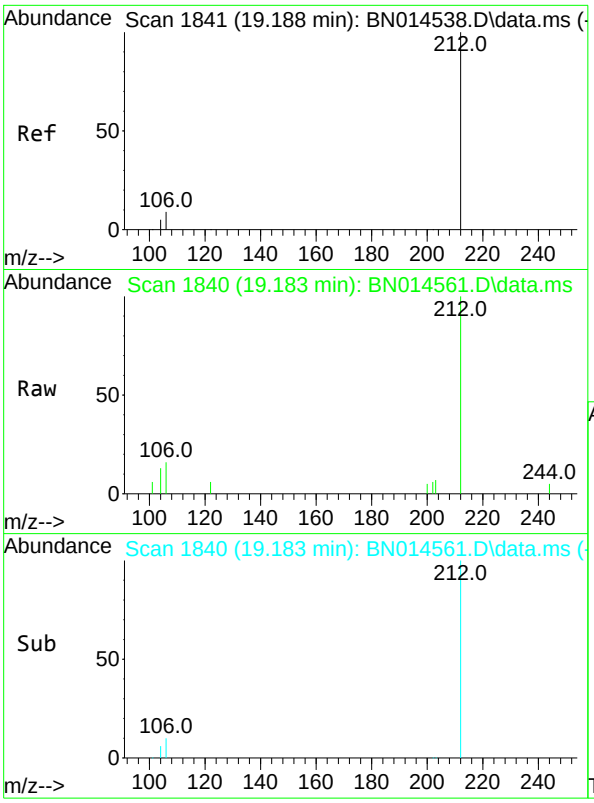
#26
Anthracene
Concen: 0.33 ng
RT: 17.286 min Scan# 1545
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:178 Resp: 642

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	16.5	12.2	18.2



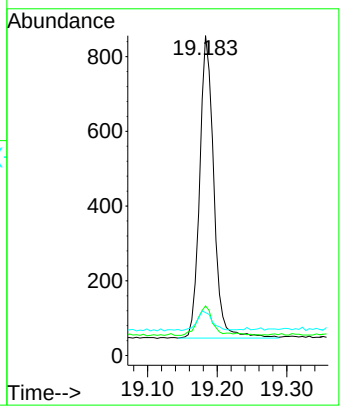
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

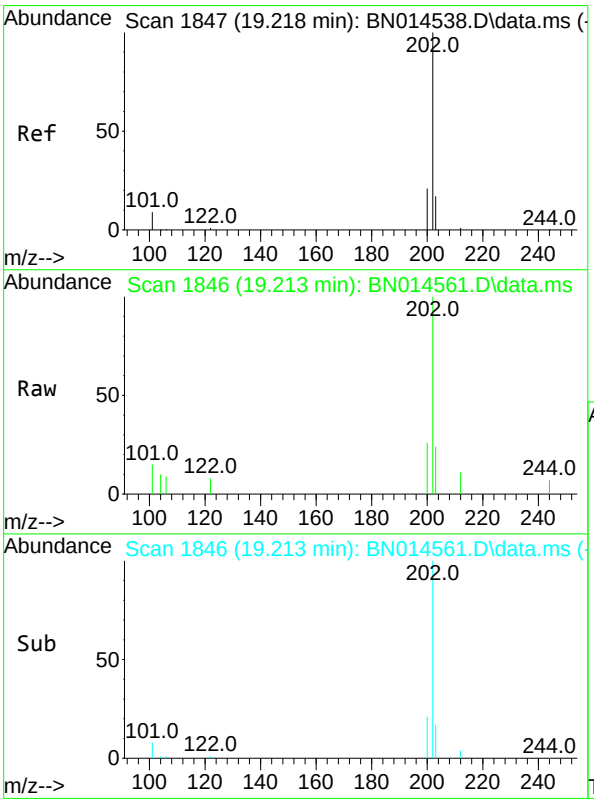


#27
Fluoranthene-d10
Concen: 0.33 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.005 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:212 Resp: 1142

Ion	Ratio	Lower	Upper
212	100		
106	10.3	10.1	15.1
104	6.8	5.4	8.2

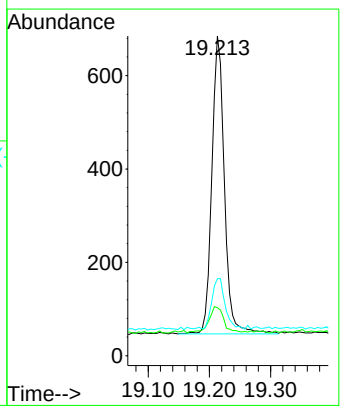




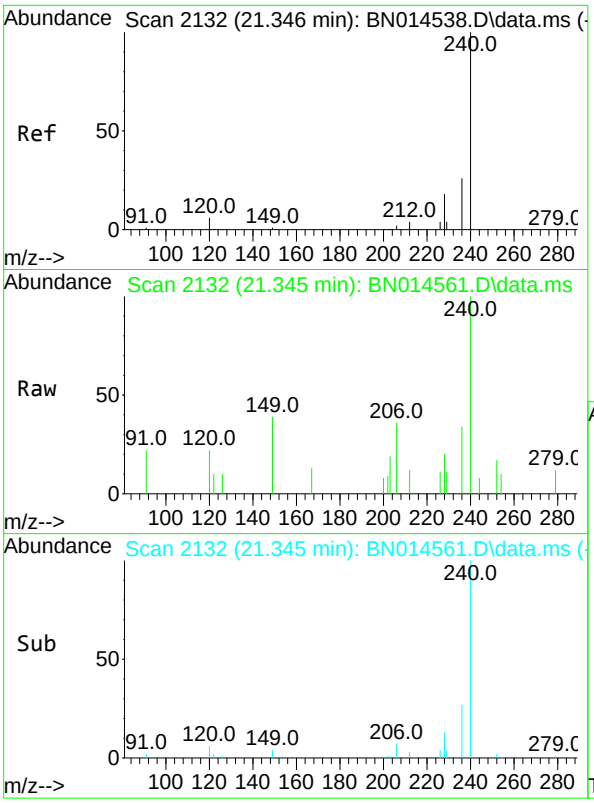
#28
Fluoranthene
Concen: 0.33 ng
RT: 19.213 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:202 Resp: 910

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.4	12.6
203	18.2	13.5	20.3



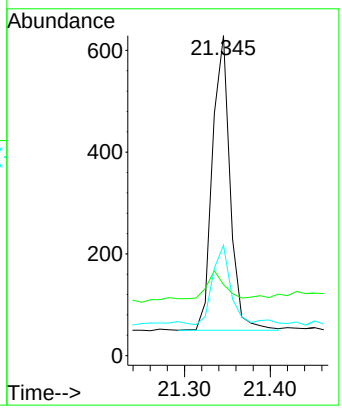
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

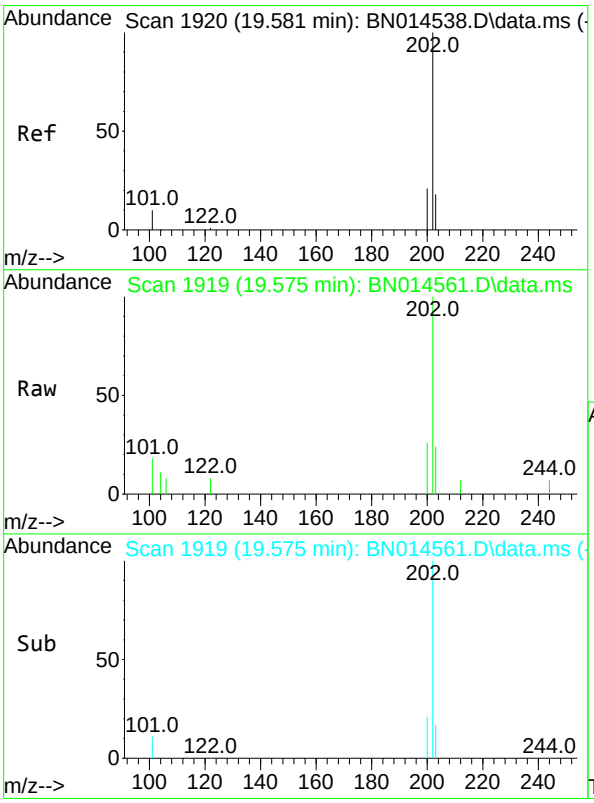


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:240 Resp: 827

Ion	Ratio	Lower	Upper
240	100		
120	22.3	5.8	8.8#
236	34.5	20.6	30.8#

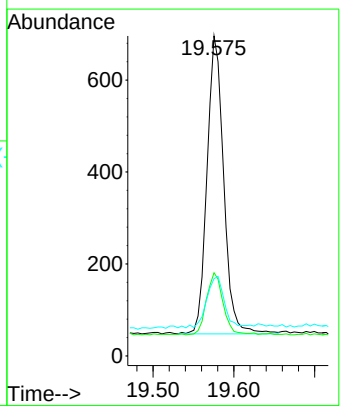




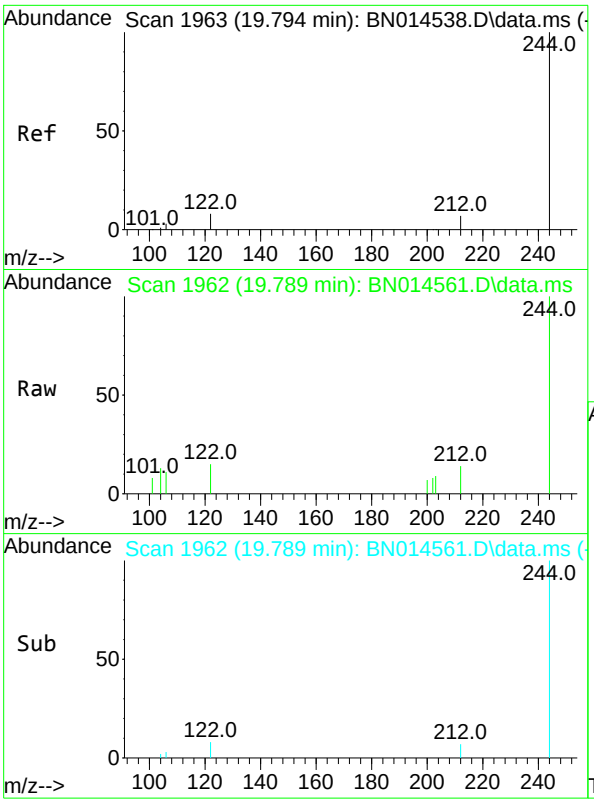
#30
Pyrene
Concen: 0.40 ng
RT: 19.575 min Scan# 1919
Delta R.T. -0.005 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:202 Resp: 931

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	18.2	14.0	21.0



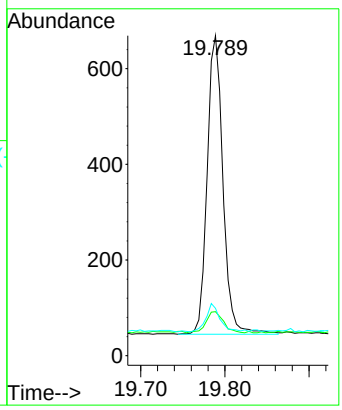
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

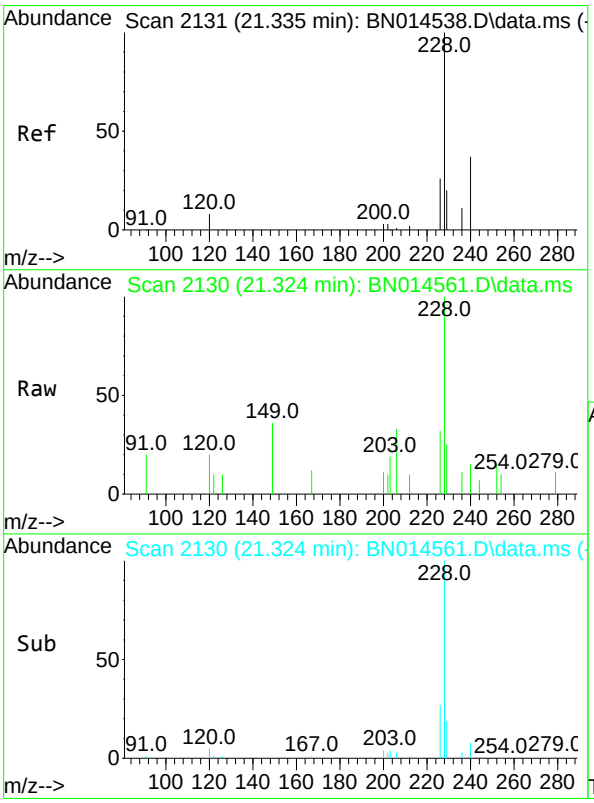


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.789 min Scan# 1962
Delta R.T. -0.005 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:244 Resp: 815

Ion	Ratio	Lower	Upper
244	100		
212	13.8	6.0	9.0#
122	14.8	9.3	13.9#

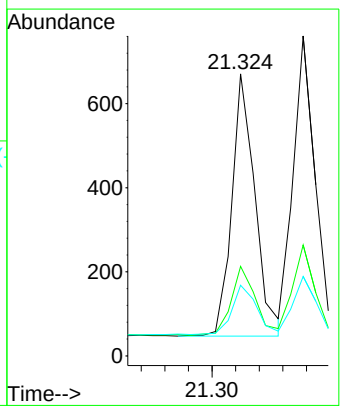


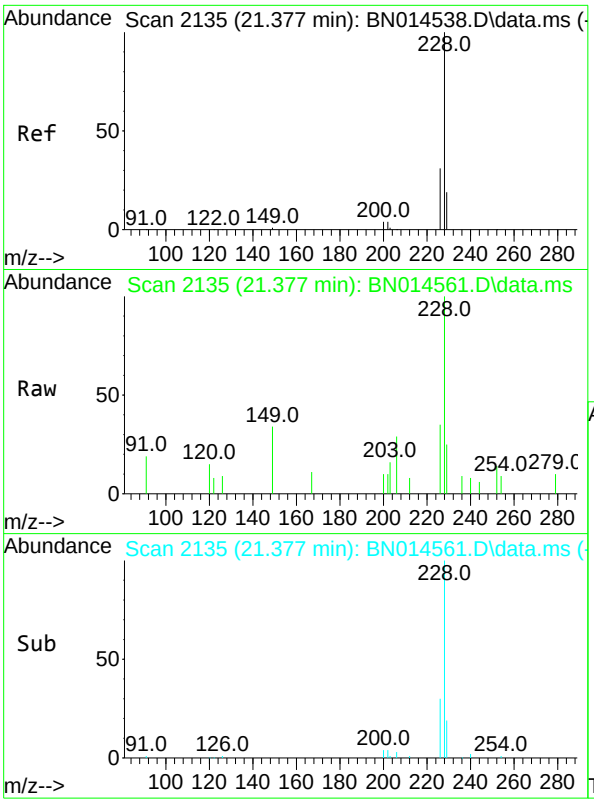


#32
Benzo(a)anthracene
Concen: 0.34 ng
RT: 21.324 min Scan# 2130
Delta R.T. -0.011 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:228 Resp: 852

Ion	Ratio	Lower	Upper
228	100		
226	31.7	21.7	32.5
229	25.0	15.7	23.5#

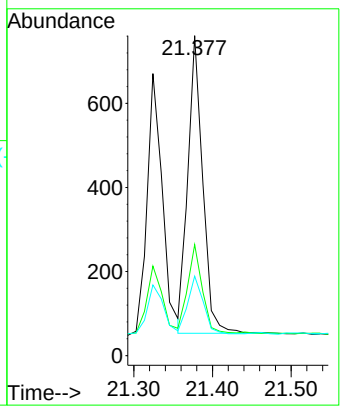




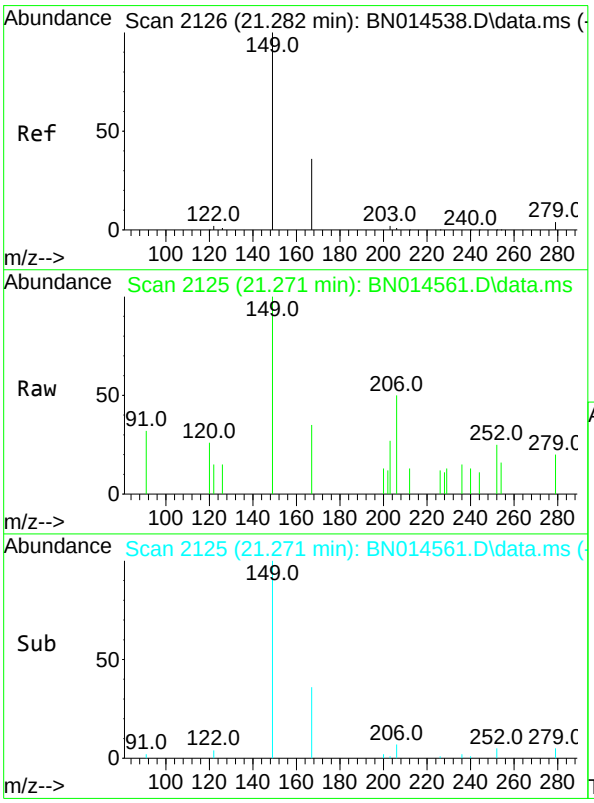
#33
Chrysene
Concen: 0.37 ng
RT: 21.377 min Scan# 2135
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:228 Resp: 928

Ion	Ratio	Lower	Upper
228	100		
226	34.7	23.8	35.6
229	24.8	15.6	23.4#



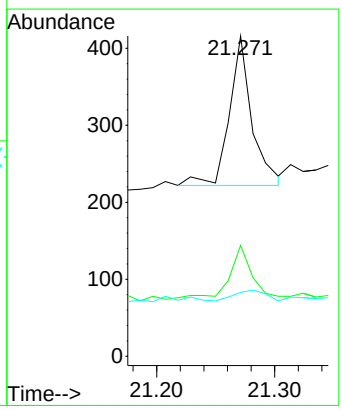
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC



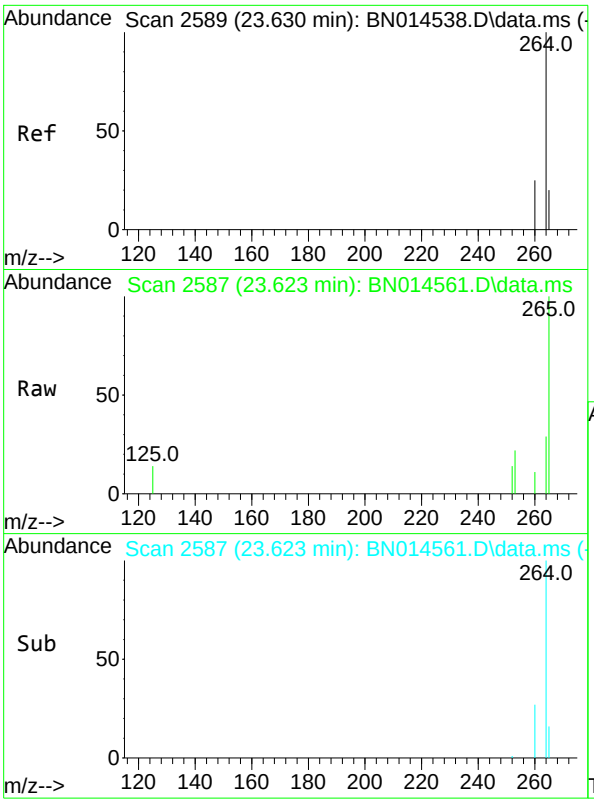
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.271 min Scan# 2125
Delta R.T. -0.011 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:149 Resp: 257

Ion	Ratio	Lower	Upper
149	100		
167	38.1	20.5	30.7#
279	9.7	2.9	4.3#



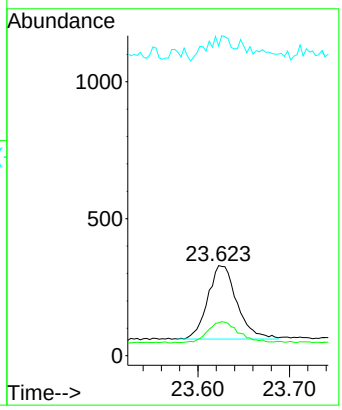
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

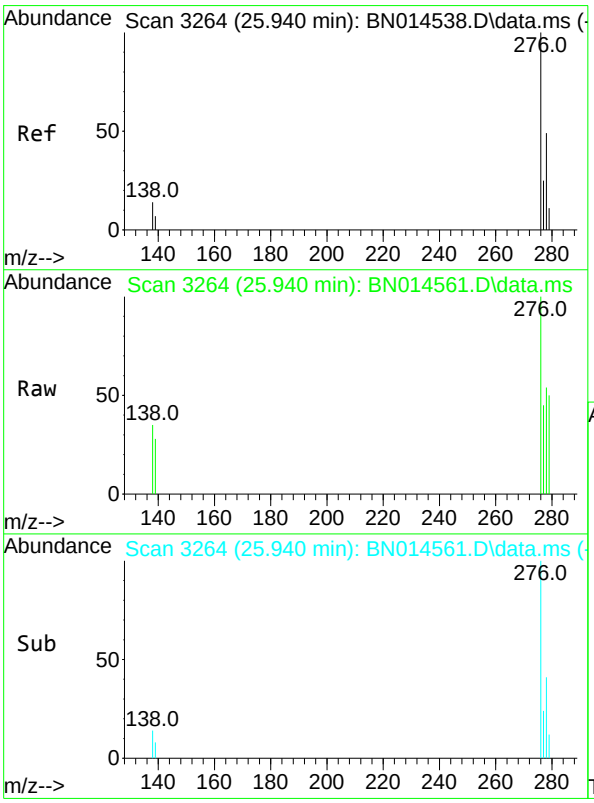


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.623 min Scan# 2587
Delta R.T. -0.007 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:264 Resp: 593

Ion	Ratio	Lower	Upper
264	100		
260	36.5	19.5	29.3#
265	343.5	35.4	53.0#

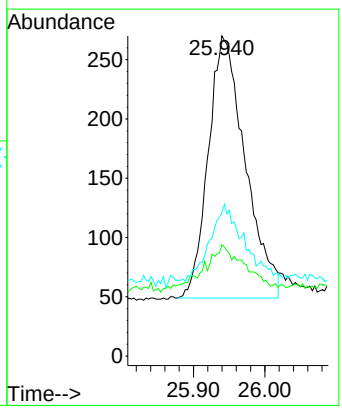




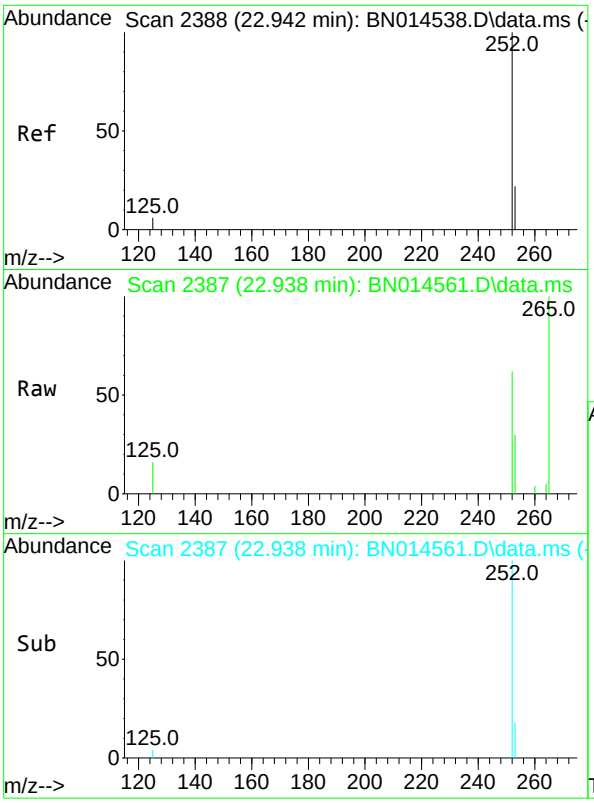
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.35 ng
RT: 25.940 min Scan# 3264
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:276 Resp: 794

Ion	Ratio	Lower	Upper
276	100		
138	15.0	18.8	28.2#
277	25.2	19.8	29.8



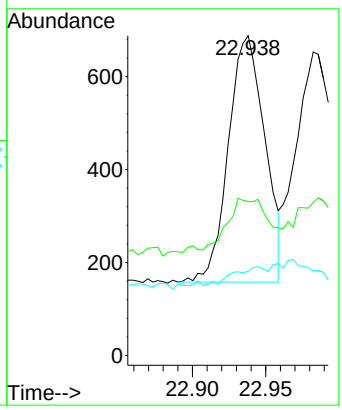
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

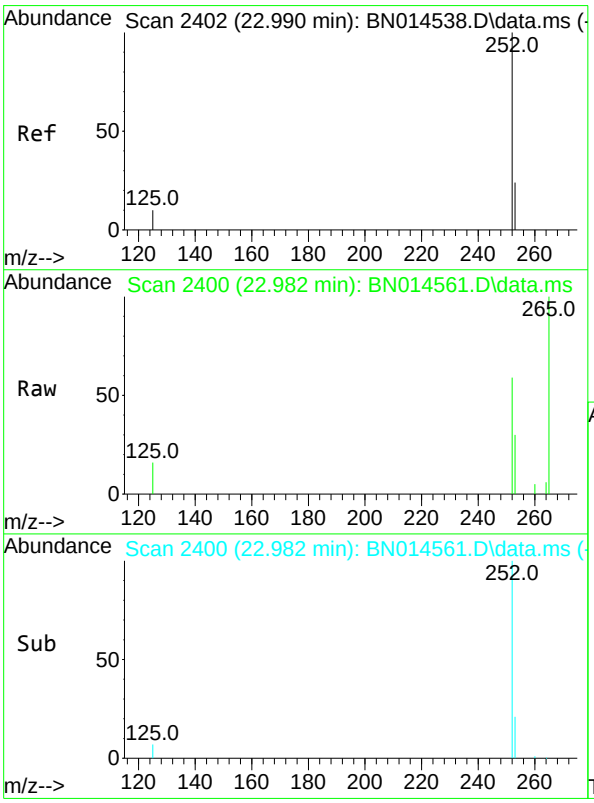


#37
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 22.938 min Scan# 2387
Delta R.T. -0.004 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:252 Resp: 917

Ion	Ratio	Lower	Upper
252	100		
253	48.1	19.6	29.4#
125	26.3	10.3	15.5#

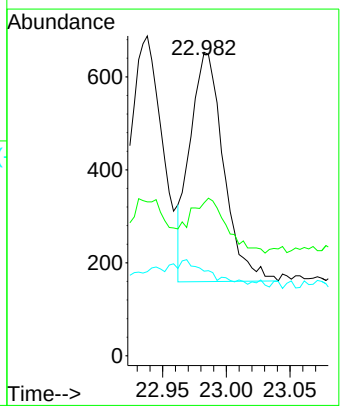




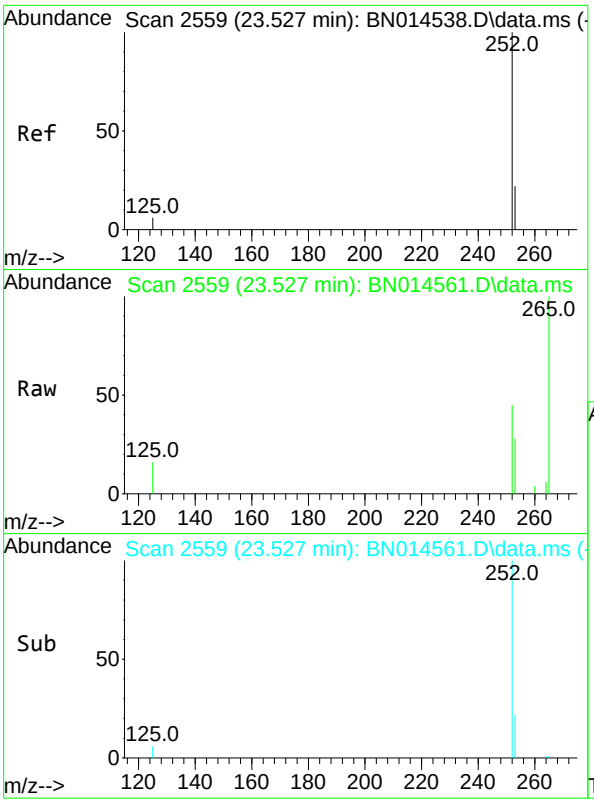
#38
Benzo(k)fluoranthene
Concen: 0.48 ng
RT: 22.982 min Scan# 2400
Delta R.T. -0.007 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:252 Resp: 906

Ion	Ratio	Lower	Upper
252	100		
253	50.4	19.7	29.5#
125	27.9	9.7	14.5#



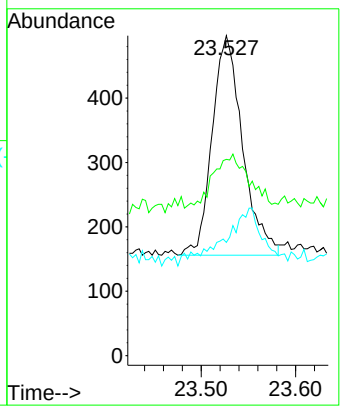
Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

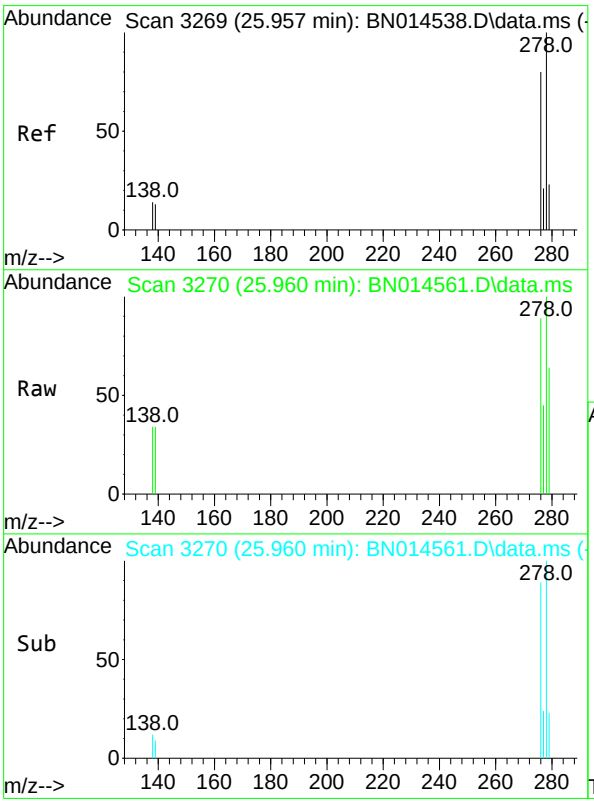


#39
Benzo(a)pyrene
Concen: 0.45 ng
RT: 23.527 min Scan# 2559
Delta R.T. -0.000 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:252 Resp: 764

Ion	Ratio	Lower	Upper
252	100		
253	61.4	21.8	32.6#
125	35.4	14.9	22.3#

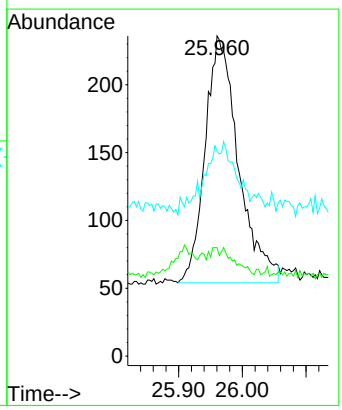


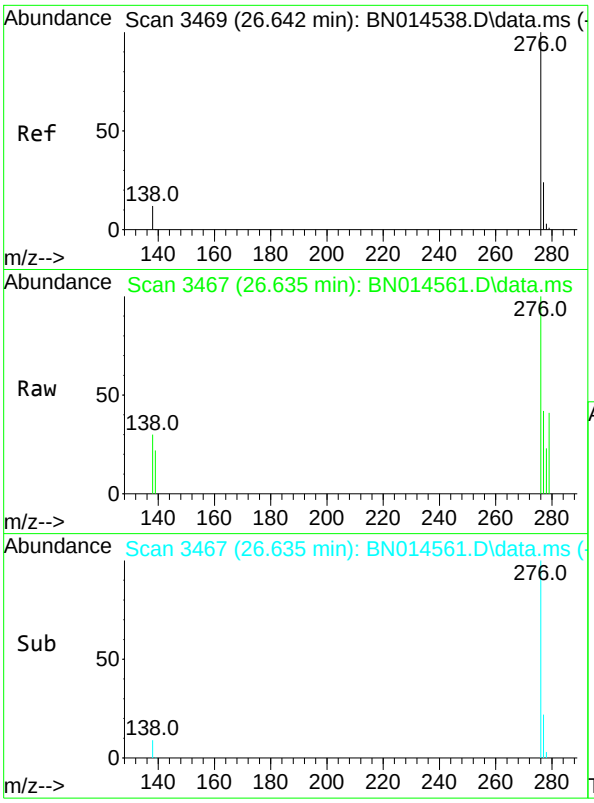


#40
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.960 min Scan# 3270
Delta R.T. 0.003 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:278 Resp: 661

Ion	Ratio	Lower	Upper
278	100		
139	33.9	13.9	20.9#
279	64.0	20.7	31.1#

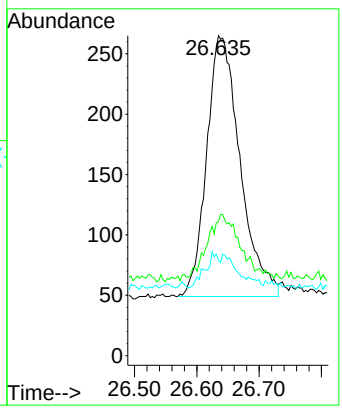




#41
Benzo(g,h,i)perylene
Concen: 0.42 ng
RT: 26.635 min Scan# 3467
Delta R.T. -0.007 min
Lab File: BN014561.D
Acq: 10 May 2021 18:30

Tgt Ion:276 Resp: 805

Ion	Ratio	Lower	Upper
276	100		
277	41.9	19.6	29.4#
138	29.8	17.5	26.3#



Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC