Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020921\
Data File : BN013605.D
Acq On : 09 Feb 2021 16:16
Operator : CG/JU
Sample : PB134545BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134545BS

Quant Time: Feb 09 16:55:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration

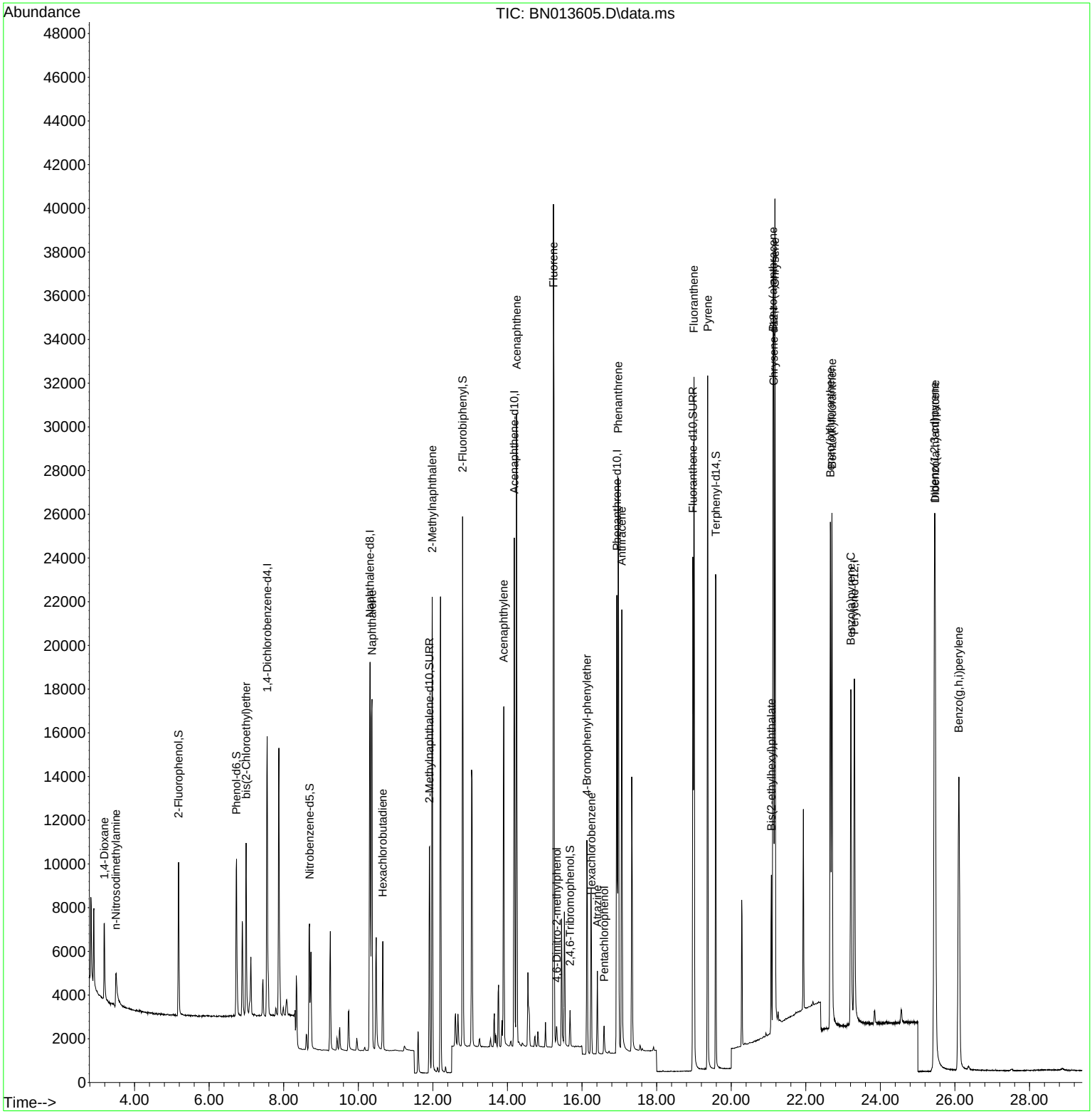
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.555	152	6232	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	24375	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	13002	0.40	ng		0.00
19) Phenanthrene-d10	16.933	188	26916	0.40	ng		# 0.00
29) Chrysene-d12	21.141	240	24604	0.40	ng		# 0.00
36) Perylene-d12	23.305	264	21552	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	5585	0.41	ng		0.00
5) Phenol-d6	6.734	99	7056	0.42	ng		0.00
8) Nitrobenzene-d5	8.692	82	5210	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	11.906	152	14569	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1248	0.34	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	20941	0.43	ng		0.00
27) Fluoranthene-d10	18.972	212	27078	0.37	ng		0.00
31) Terphenyl-d14	19.587	244	23516	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2641	0.38	ng		96
3) n-Nitrosodimethylamine	3.496	42	1817	0.36	ng	#	97
6) bis(2-Chloroethyl)ether	6.991	93	5886	0.39	ng		99
9) Naphthalene	10.365	128	23178	0.39	ng		100
10) Hexachlorobutadiene	10.657	225	3875	0.39	ng	#	100
12) 2-Methylnaphthalene	11.982	142	15736	0.38	ng		99
16) Acenaphthylene	13.902	152	18096	0.36	ng		100
17) Acenaphthene	14.244	154	13709	0.38	ng		97
18) Fluorene	15.234	166	17431	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	836	0.37	ng	#	83
21) 4-Bromophenyl-phenylether	16.130	248	5178	0.39	ng	#	86
22) Hexachlorobenzene	16.251	284	5723	0.39	ng		98
23) Atrazine	16.410	200	2883	0.34	ng		97
24) Pentachlorophenol	16.592	266	735	0.37	ng		98
25) Phenanthrene	16.969	178	28531	0.39	ng		100
26) Anthracene	17.067	178	22160	0.37	ng		100
28) Fluoranthene	19.002	202	29846	0.37	ng		99
30) Pyrene	19.369	202	29628	0.40	ng		100
32) Benzo(a)anthracene	21.120	228	24428	0.37	ng		98
33) Chrysene	21.173	228	29984	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.077	149	6732	0.35	ng		100
35) Indeno(1,2,3-cd)pyrene	25.451	276	31152	0.40	ng		98
37) Benzo(b)fluoranthene	22.658	252	29223	0.39	ng		95
38) Benzo(k)fluoranthene	22.702	252	29475	0.39	ng	#	94
39) Benzo(a)pyrene	23.209	252	23795	0.38	ng	#	95
40) Dibenzo(a,h)anthracene	25.468	278	26331	0.39	ng		98
41) Benzo(g,h,i)perylene	26.105	276	27934	0.39	ng		99

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

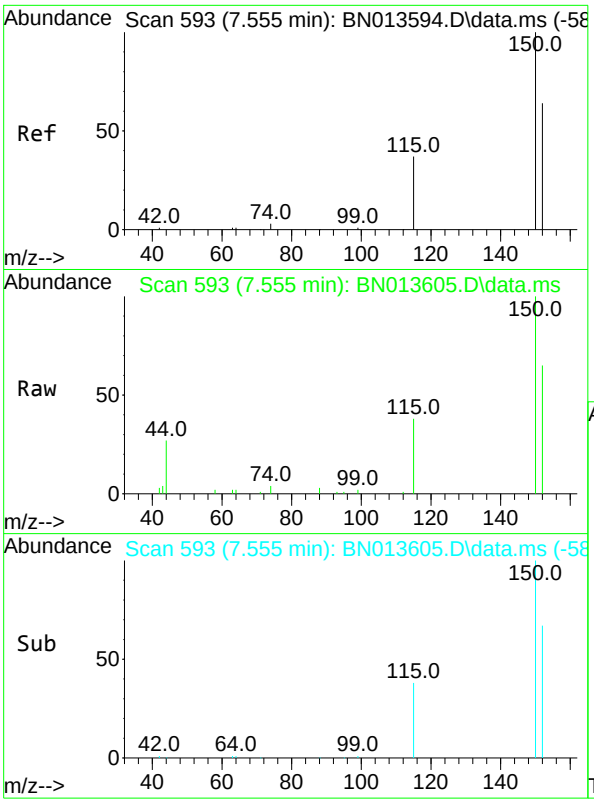
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020921\
Data File : BN013605.D
Acq On : 09 Feb 2021 16:16
Operator : CG/JU
Sample : PB134545BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134545BS

Quant Time: Feb 09 16:55:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration



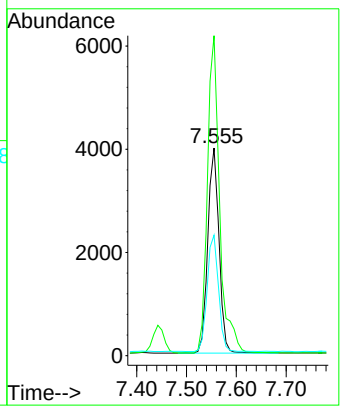
Instrument :
BNA_N
ClientSampleId :
PB134545BS

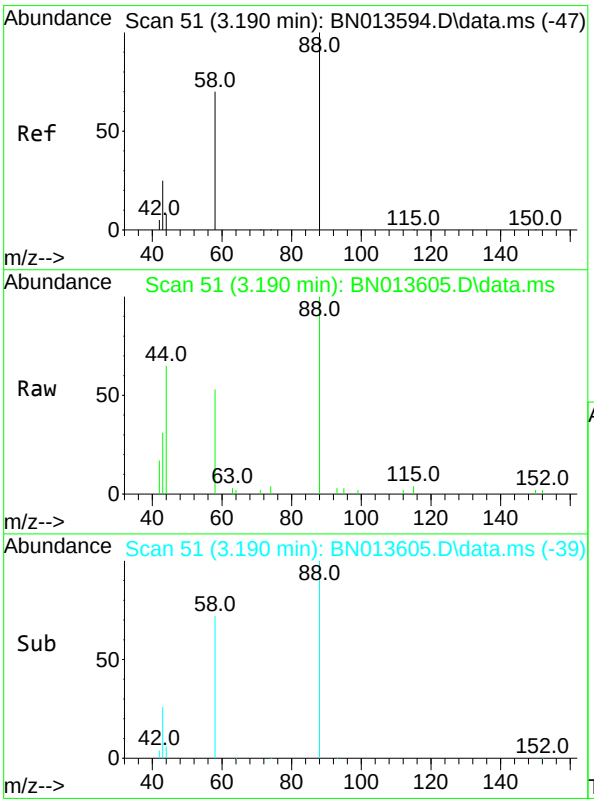


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:152 Resp: 6232

Ion	Ratio	Lower	Upper
152	100		
150	154.1	121.8	182.8
115	58.0	46.6	69.8

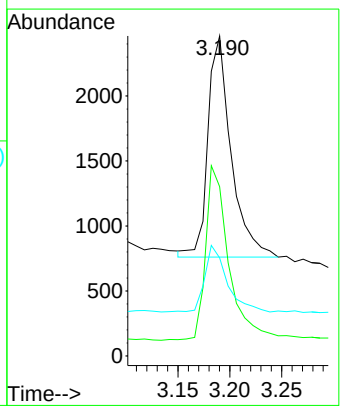




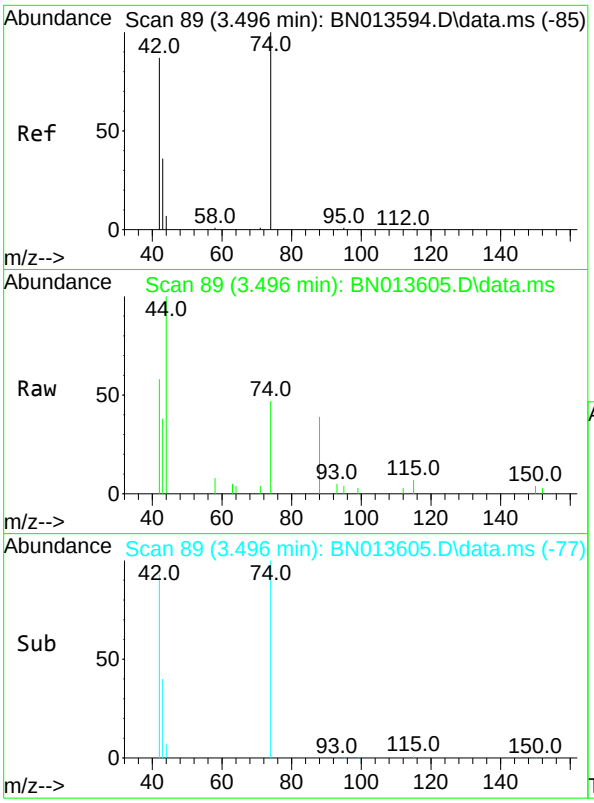
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion: 88 Resp: 2641

Ion	Ratio	Lower	Upper
88	100		
58	78.9	64.6	96.8
43	29.2	26.6	40.0



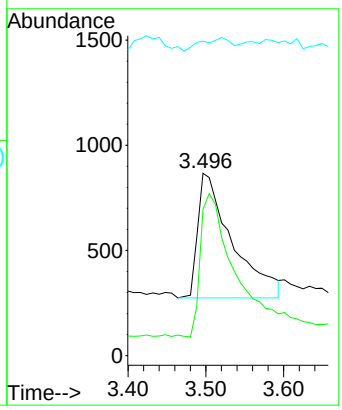
Instrument :
BNA_N
ClientSampleId :
PB134545BS

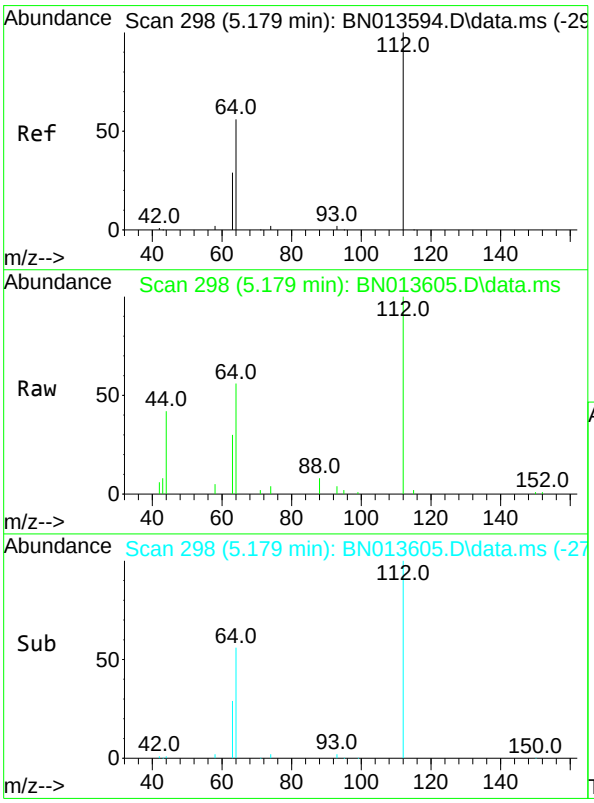


#3
n-Nitrosodimethylamine
Concen: 0.36 ng
RT: 3.496 min Scan# 89
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion: 42 Resp: 1817

Ion	Ratio	Lower	Upper
42	100		
74	116.3	95.0	142.6
44	0.0	5.8	8.8#

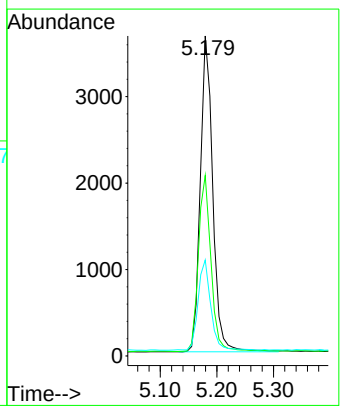




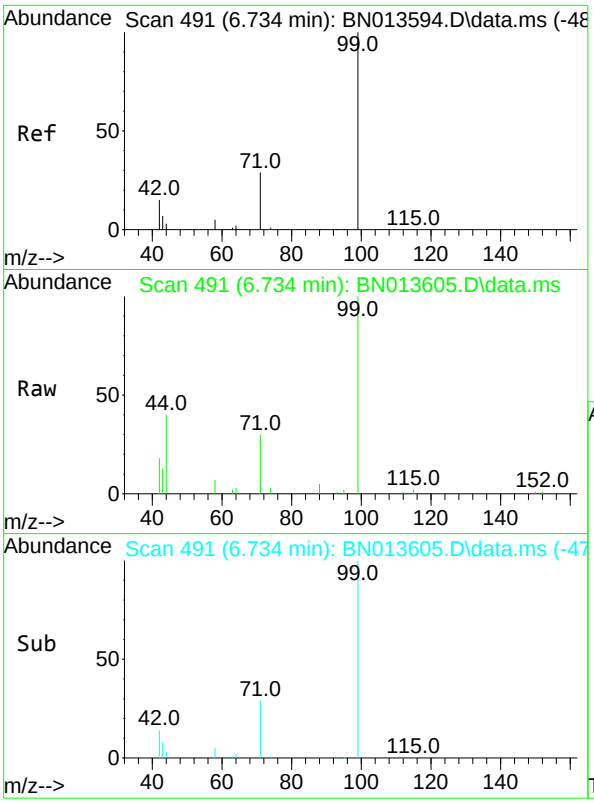
#4
2-Fluorophenol
Concen: 0.41 ng
RT: 5.179 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:112 Resp: 5585

Ion	Ratio	Lower	Upper
112	100		
64	56.7	44.3	66.5
63	29.0	23.0	34.6



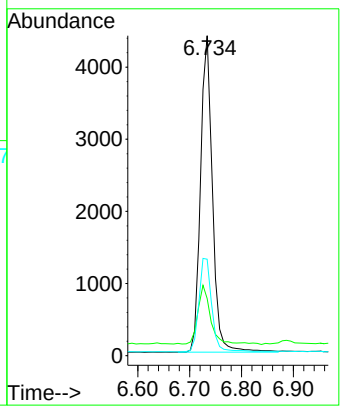
Instrument :
BNA_N
ClientSampleId :
PB134545BS

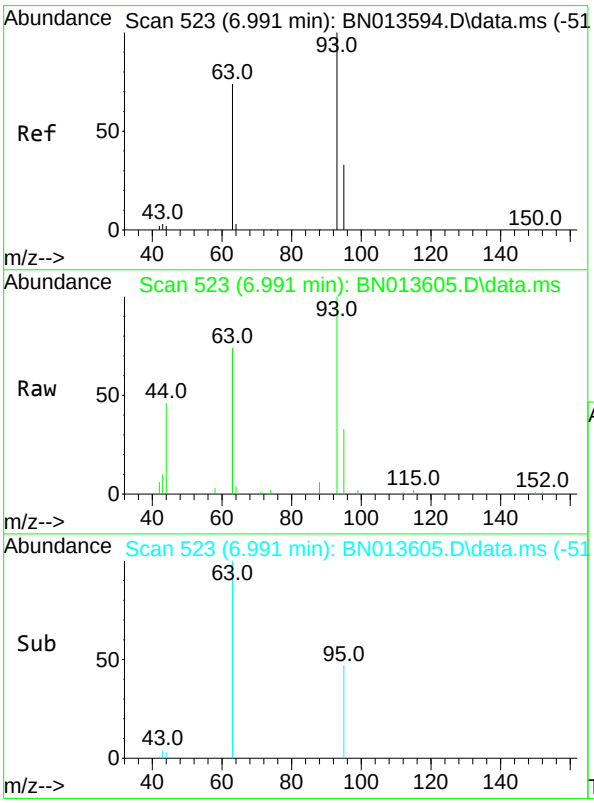


#5
Phenol-d6
Concen: 0.42 ng
RT: 6.734 min Scan# 491
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion: 99 Resp: 7056

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.2	22.8
71	31.5	26.1	39.1

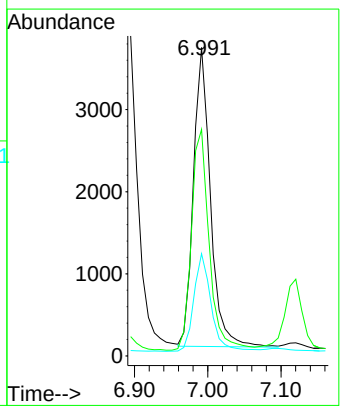




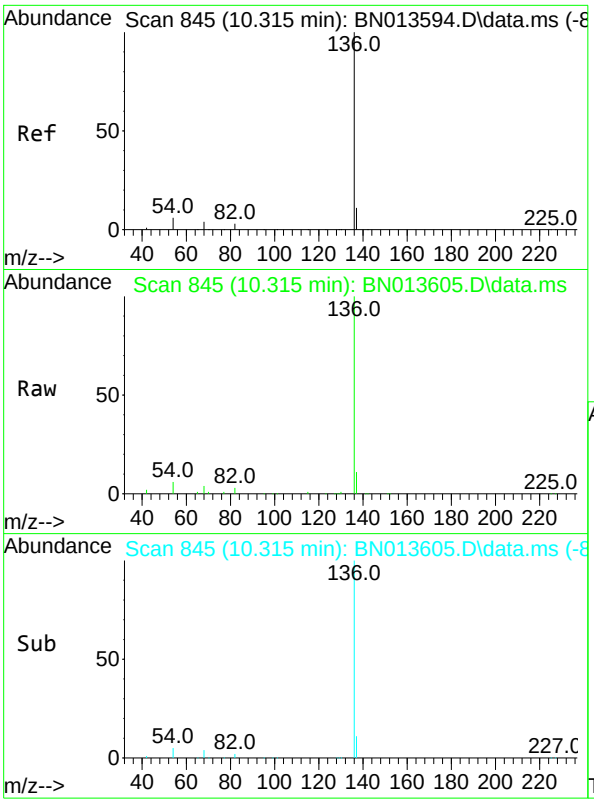
#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 6.991 min Scan# 523
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion: 93 Resp: 5886

Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.8	91.2
95	33.1	26.0	39.0



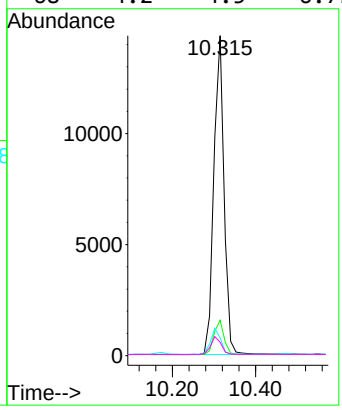
Instrument :
BNA_N
ClientSampleId :
PB134545BS

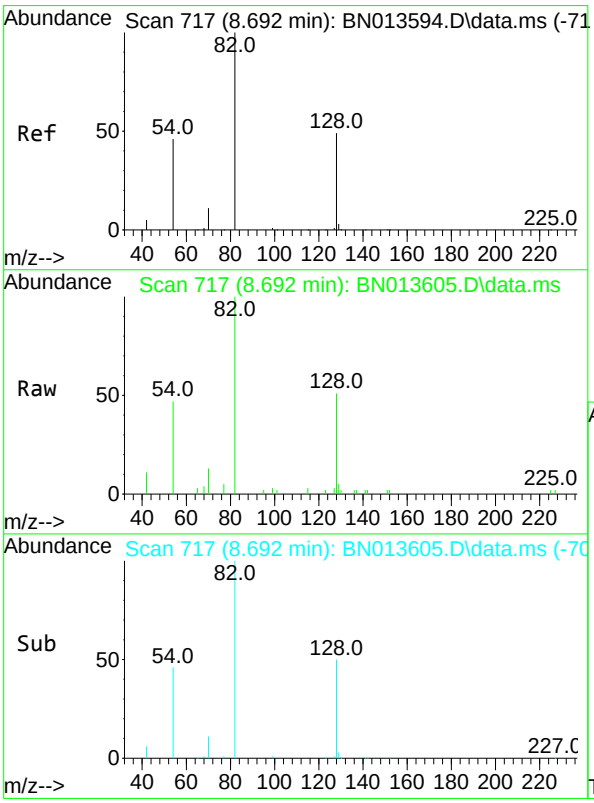


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:136 Resp: 24375

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.5	6.4	9.6#
68	4.2	4.5	6.7#

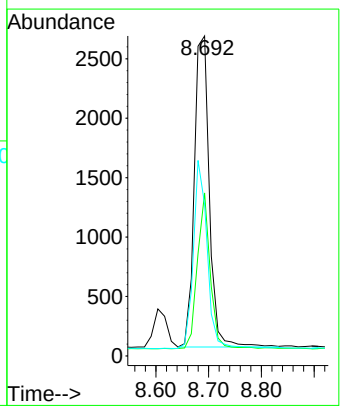


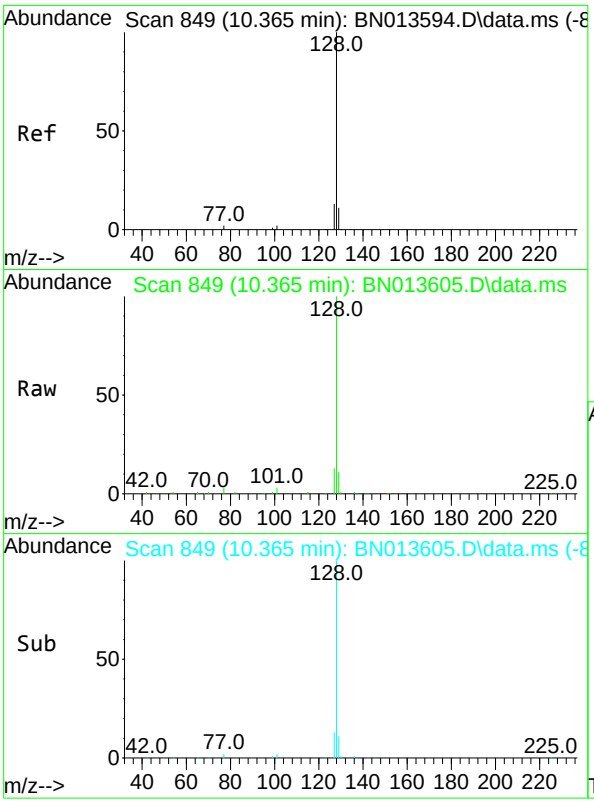


#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.692 min Scan# 717
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion: 82 Resp: 5210

Ion	Ratio	Lower	Upper
82	100		
128	51.0	39.2	58.8
54	47.4	40.1	60.1

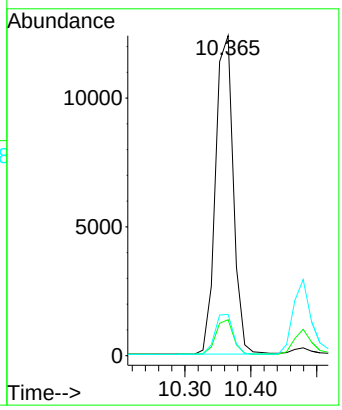




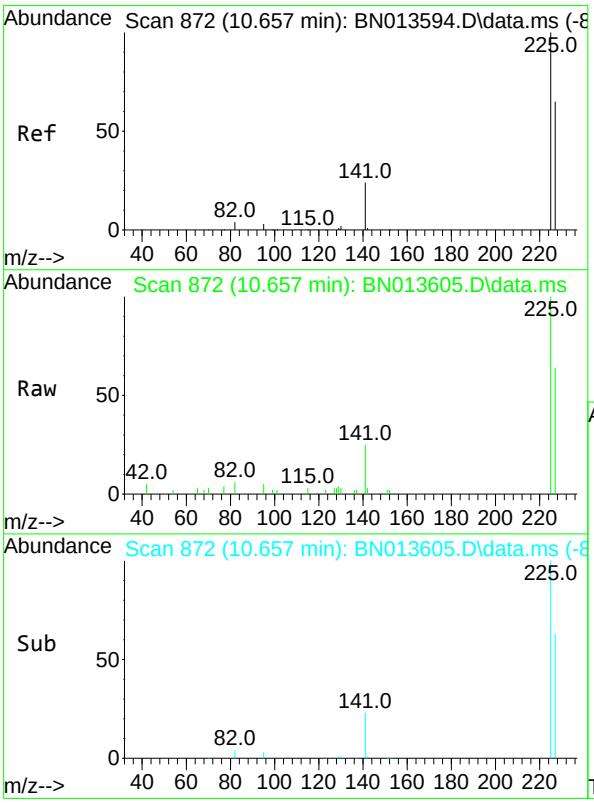
#9
Naphthalene
Concen: 0.39 ng
RT: 10.365 min Scan# 849
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:128 Resp: 23178

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	12.9	10.4	15.6



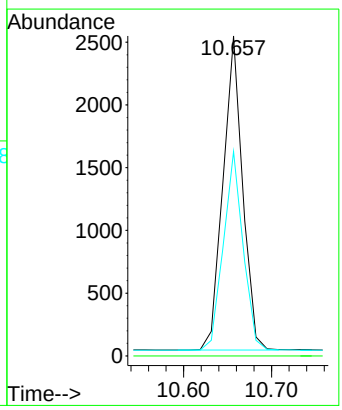
Instrument :
BNA_N
ClientSampleId :
PB134545BS



#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.657 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:225 Resp: 3875

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.2	76.8



Instrument :
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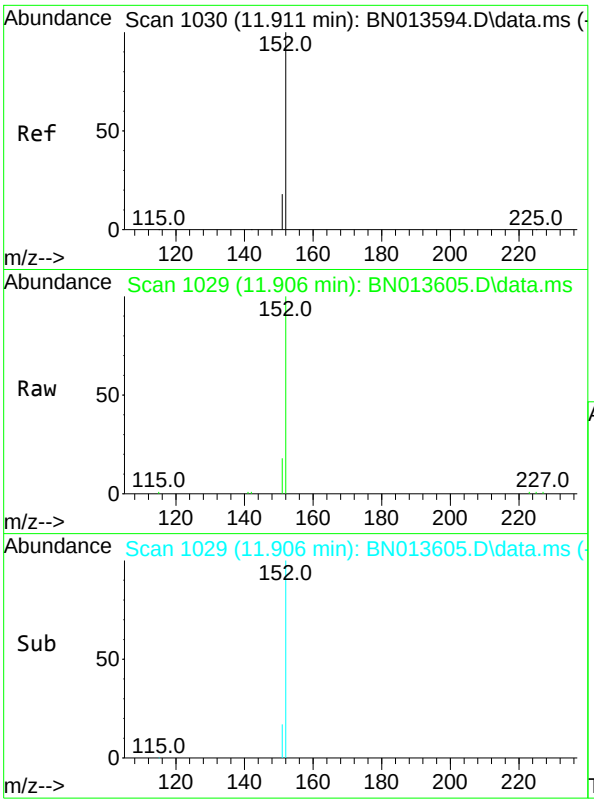
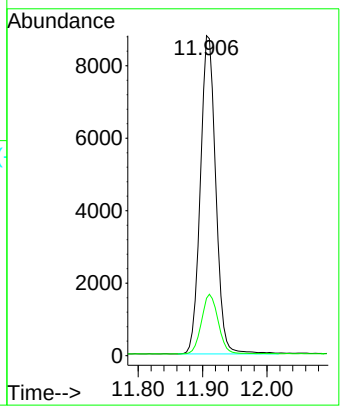
PB134545BS

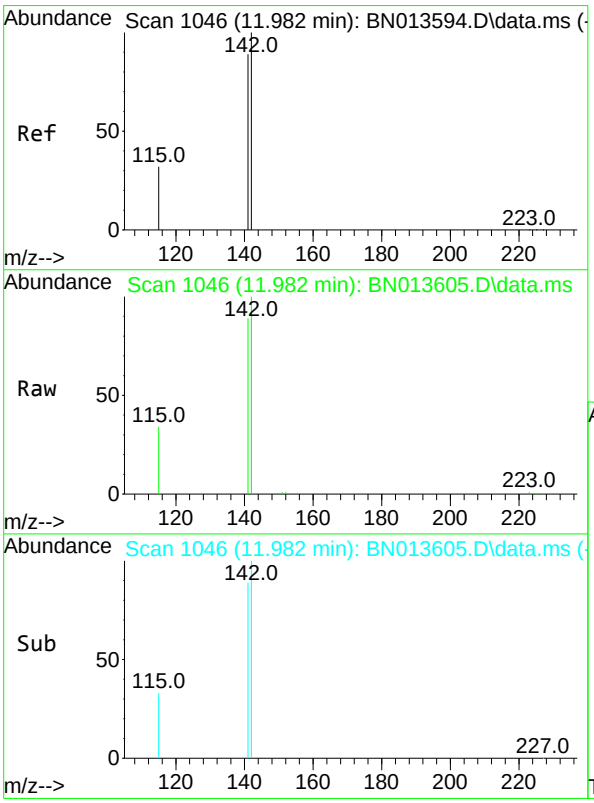


#11
2-Methylnaphthalene-d10
Concen: 0.38 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:152 Resp: 14569

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

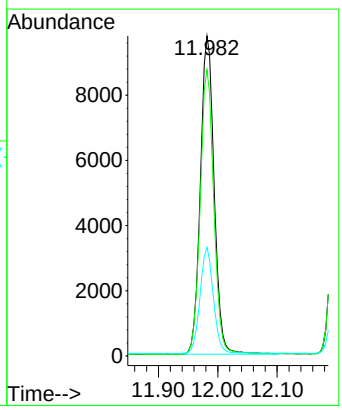


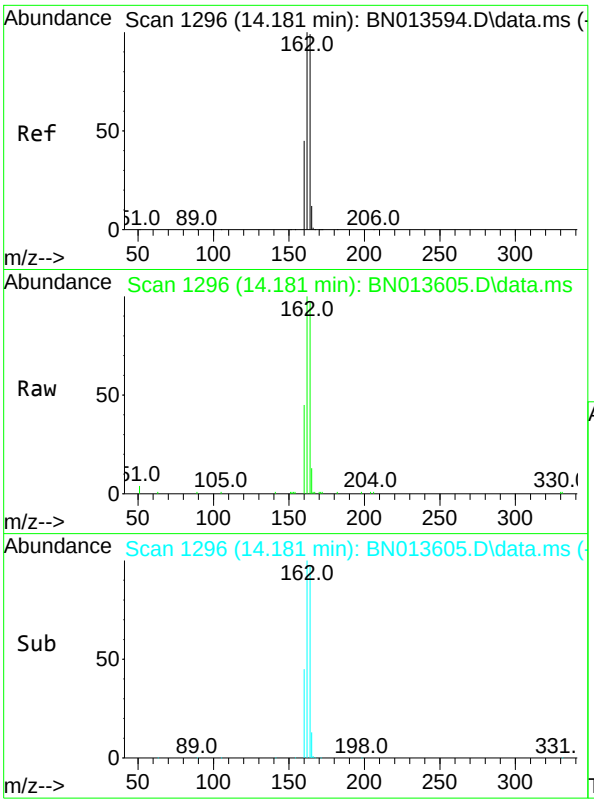


#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 11.982 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:142 Resp: 15736

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.5	105.7
115	33.9	27.4	41.0

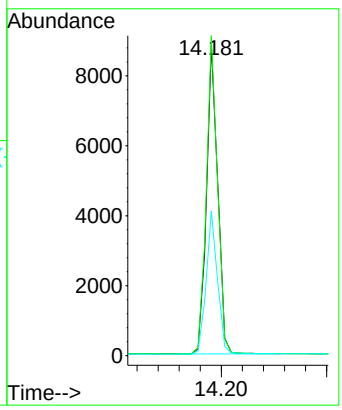




#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:164 Resp: 13002

Ion	Ratio	Lower	Upper
164	100		
162	103.1	79.6	119.4
160	46.6	36.0	54.0



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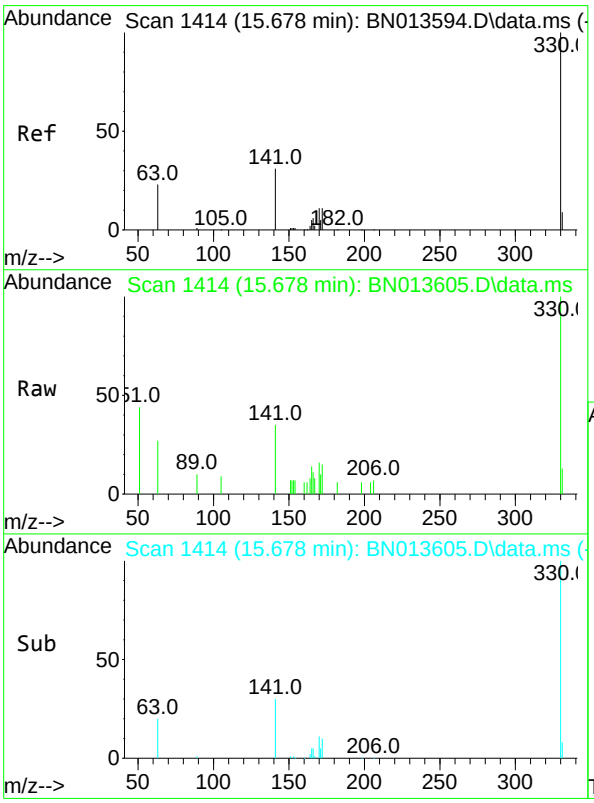
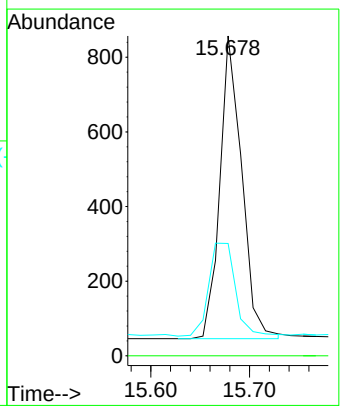


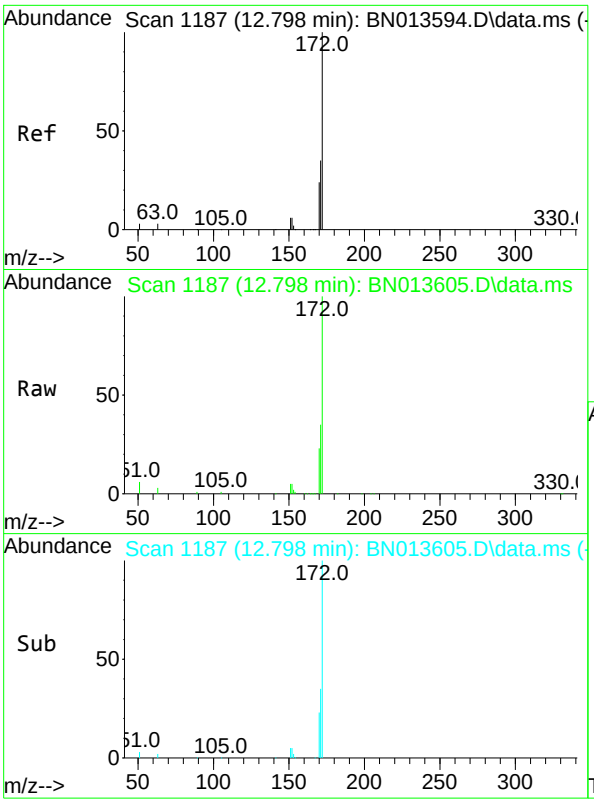
#14
2,4,6-Tribromophenol
Concen: 0.34 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:330 Resp: 1248

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.2	26.8	40.2



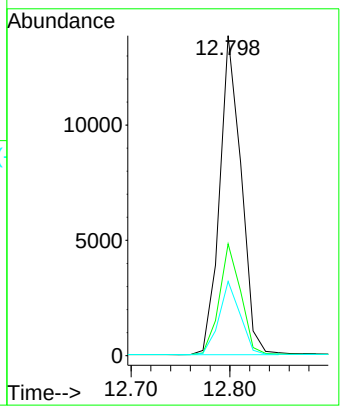
Instrument :
BNA_N
ClientSampleId :
PB134545BS

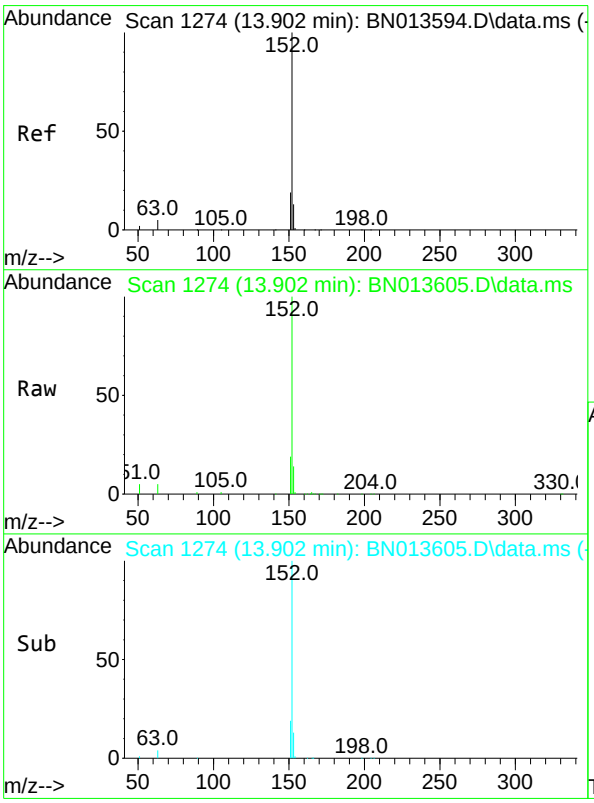


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:172 Resp: 20941

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	42.8
170	23.2	18.9	28.3

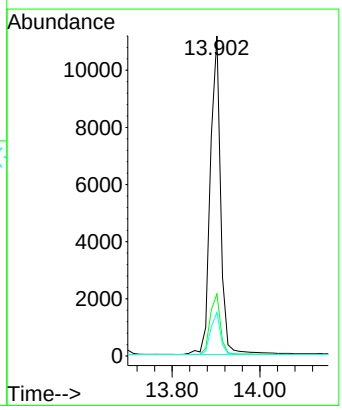




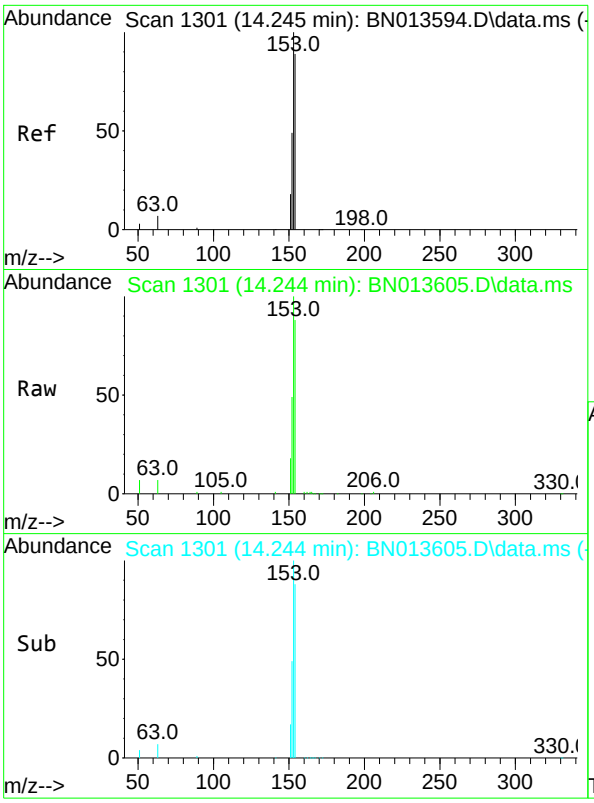
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.902 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:152 Resp: 18096

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	12.9	10.5	15.7



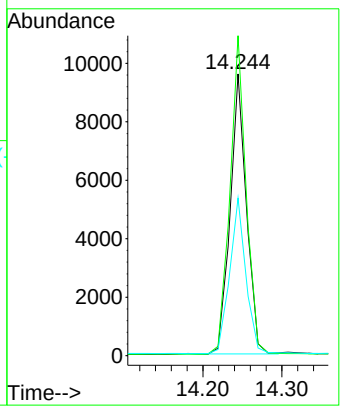
Instrument :
BNA_N
ClientSampleId :
PB134545BS

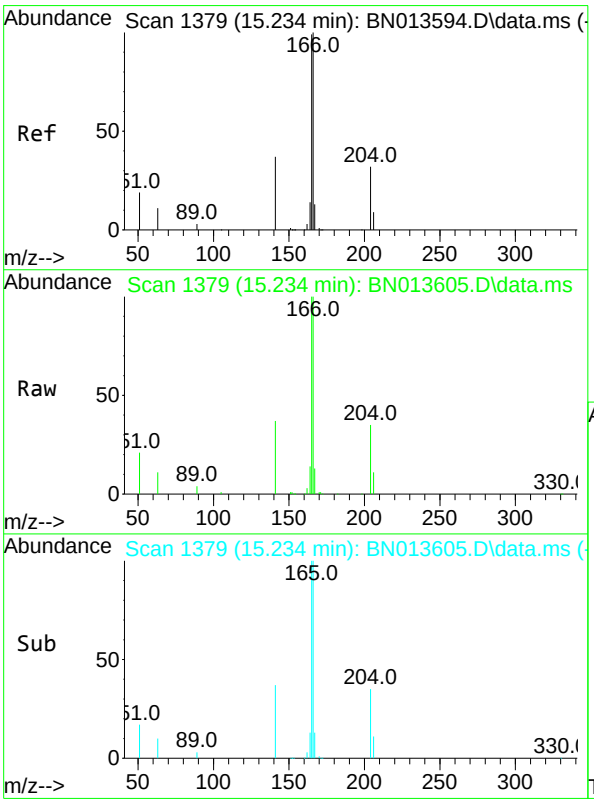


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.244 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:154 Resp: 13709

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.4	132.6
152	55.9	43.0	64.4

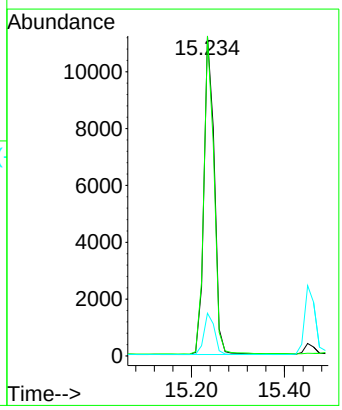




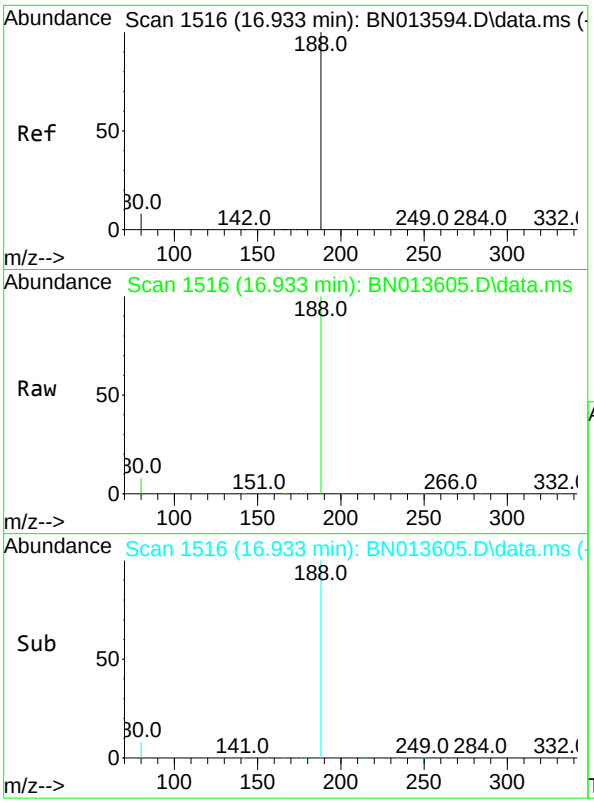
#18
Fluorene
Concen: 0.39 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:166 Resp: 17431

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.3	10.6	16.0



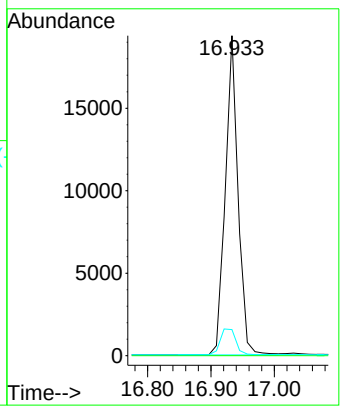
Instrument :
BNA_N
ClientSampleId :
PB134545BS

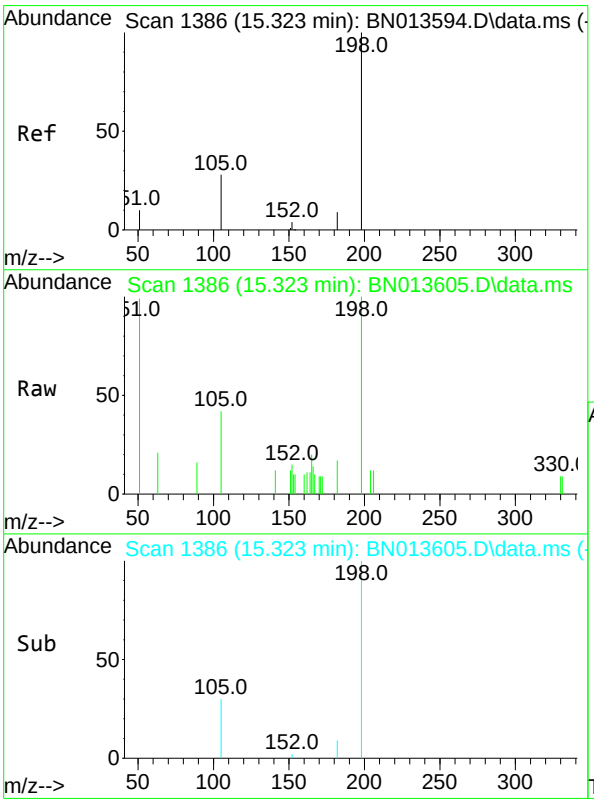


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.933 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:188 Resp: 26916

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	9.0	13.6#

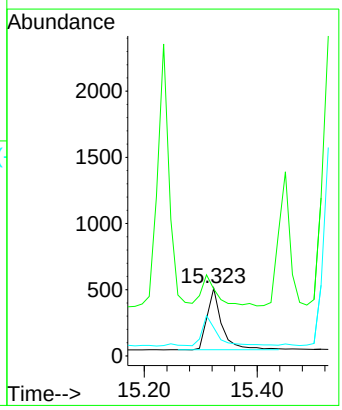




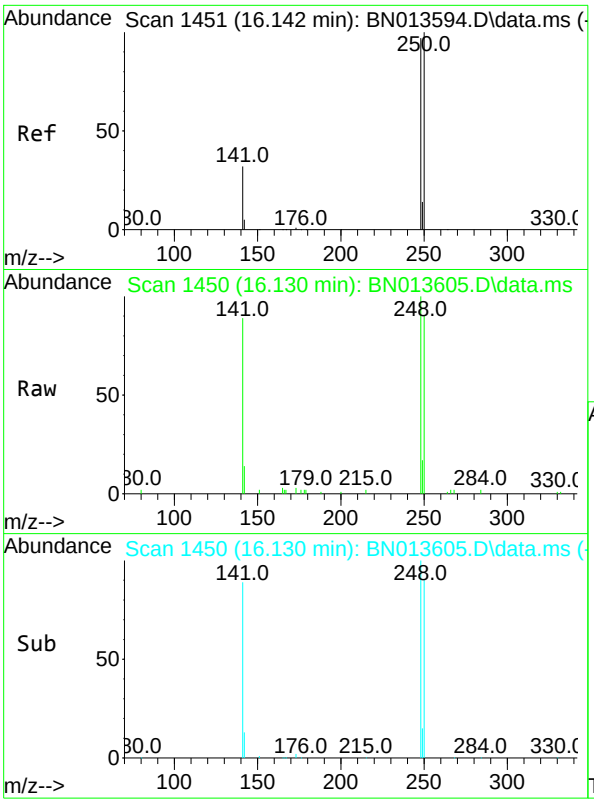
#20
4,6-Dinitro-2-methylphenol
Concen: 0.37 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:198 Resp: 836

Ion	Ratio	Lower	Upper
198	100		
51	99.0	61.7	92.5#
105	41.7	33.0	49.6



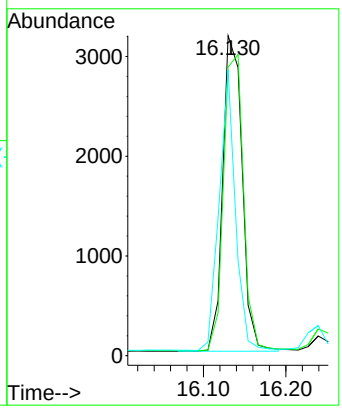
Instrument :
BNA_N
ClientSampleId :
PB134545BS

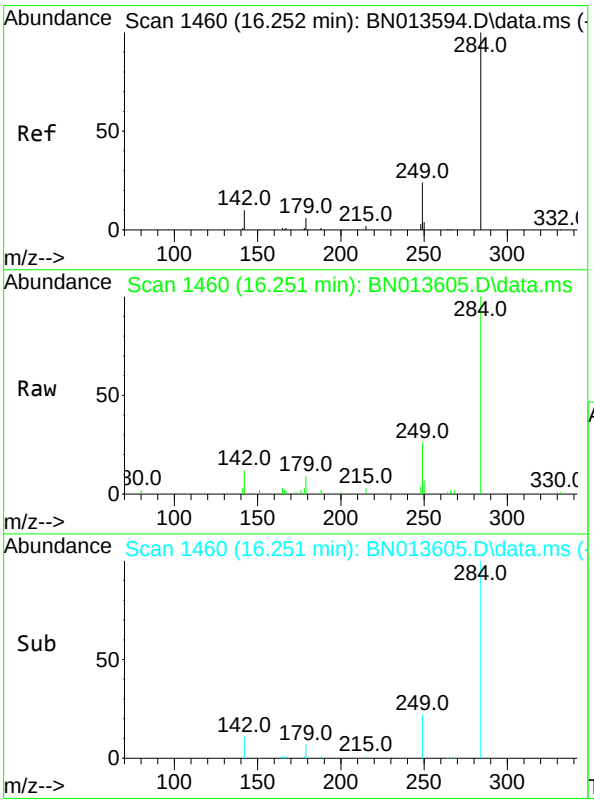


#21
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.130 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:248 Resp: 5178

Ion	Ratio	Lower	Upper
248	100		
250	90.2	75.5	113.3
141	89.2	53.8	80.8#

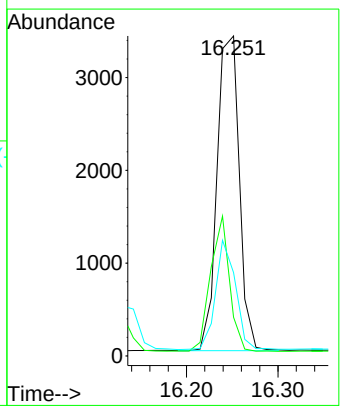




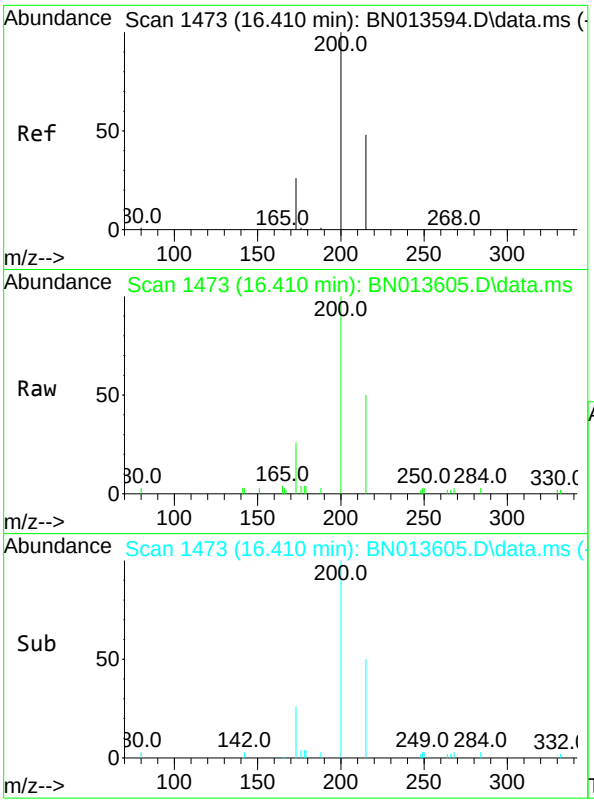
#22
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.251 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:284 Resp: 5723

Ion	Ratio	Lower	Upper
284	100		
142	36.7	27.9	41.9
249	31.1	24.2	36.2



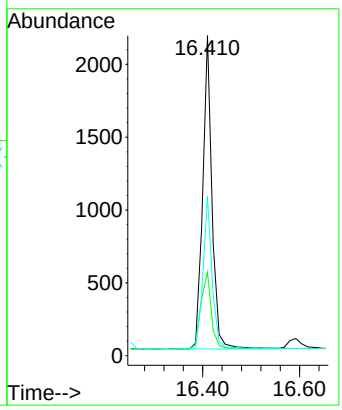
Instrument :
BNA_N
ClientSampleId :
PB134545BS

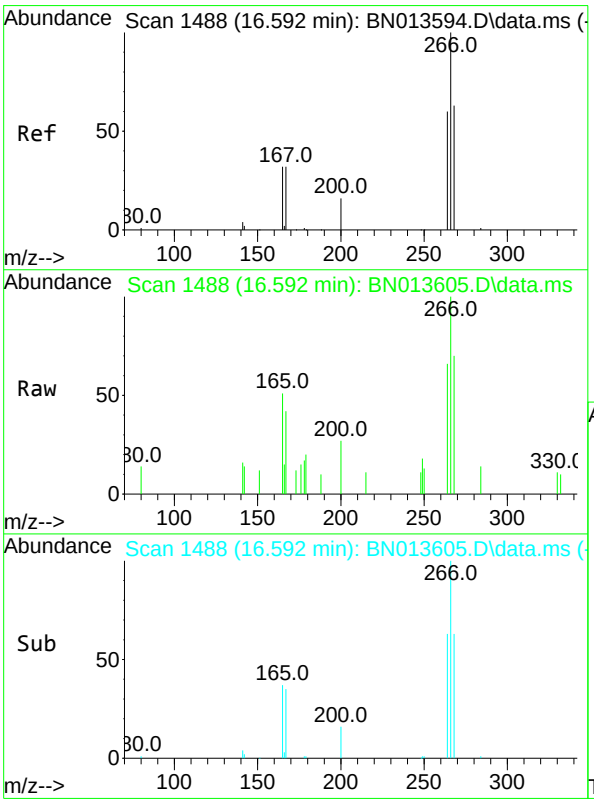


#23
Atrazine
Concen: 0.34 ng
RT: 16.410 min Scan# 1473
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:200 Resp: 2883

Ion	Ratio	Lower	Upper
200	100		
173	26.1	18.6	28.0
215	49.7	41.0	61.6

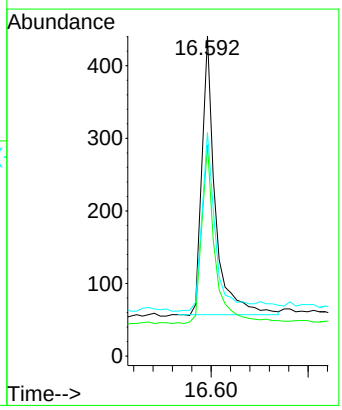




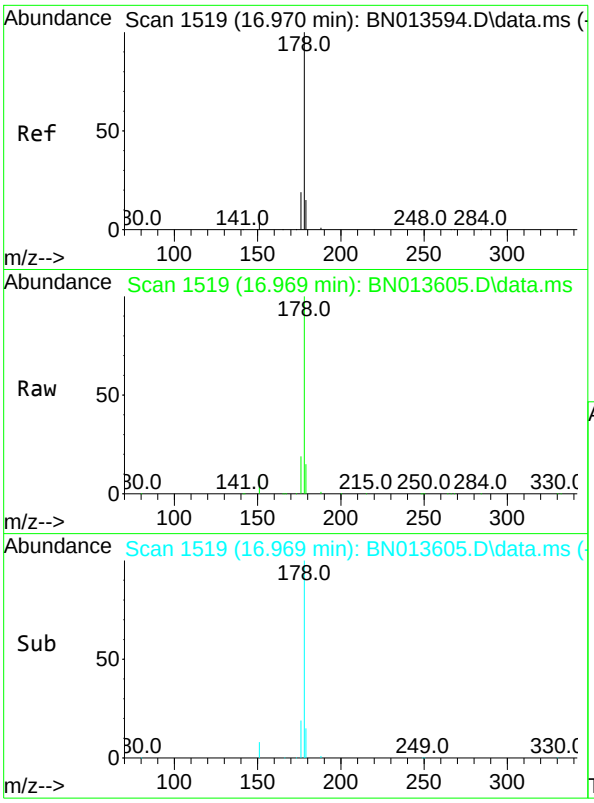
#24
Pentachlorophenol
Concen: 0.37 ng
RT: 16.592 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:266 Resp: 735

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.6	77.4
268	65.3	54.6	82.0



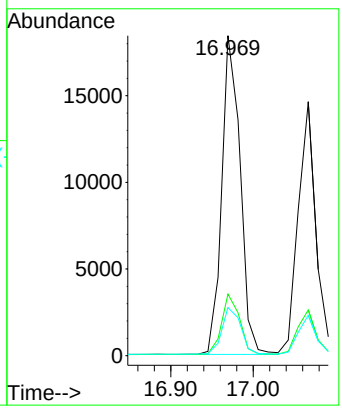
Instrument :
BNA_N
ClientSampleId :
PB134545BS

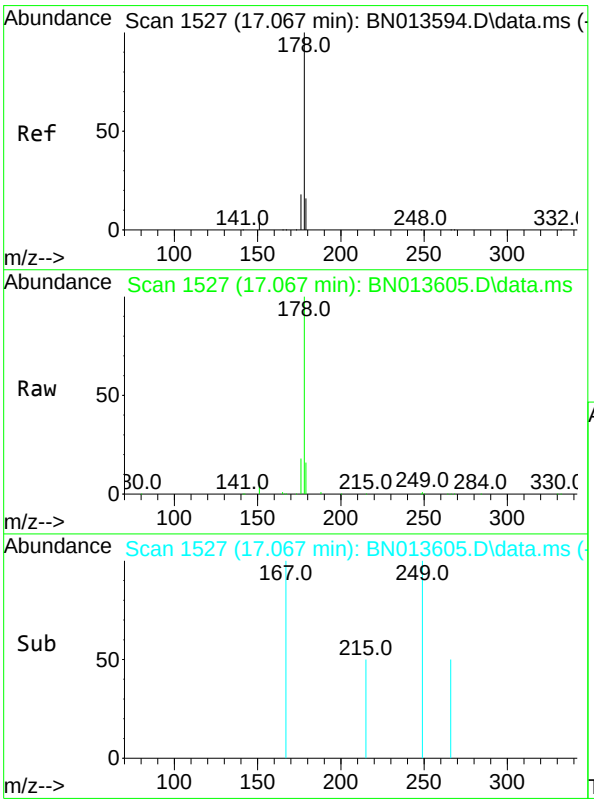


#25
Phenanthrene
Concen: 0.39 ng
RT: 16.969 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:178 Resp: 28531

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.1	12.3	18.5

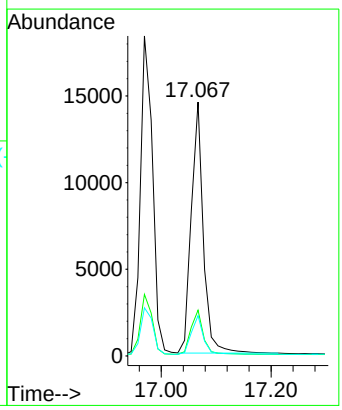




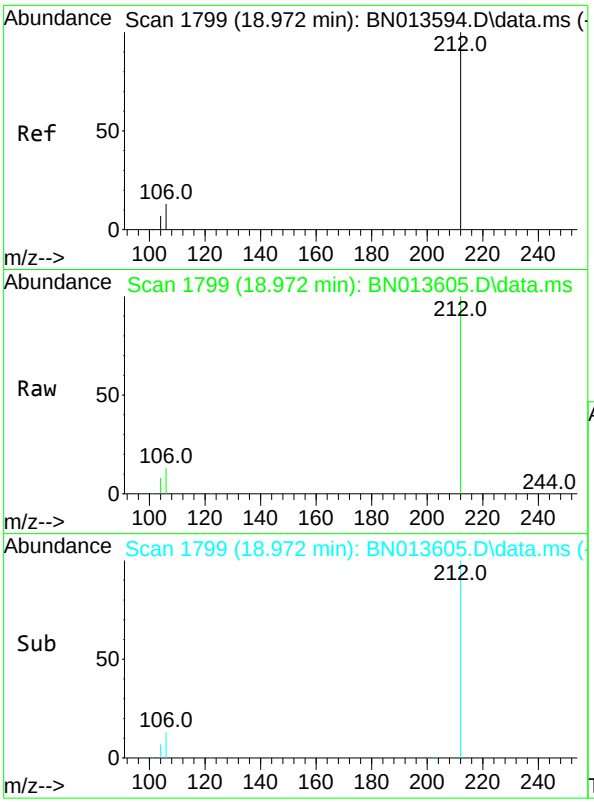
#26
Anthracene
Concen: 0.37 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:178 Resp: 22160

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.6	12.2	18.2



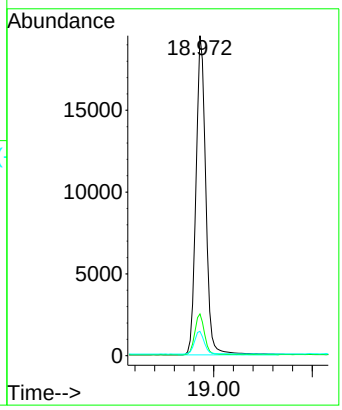
Instrument :
BNA_N
ClientSampleId :
PB134545BS

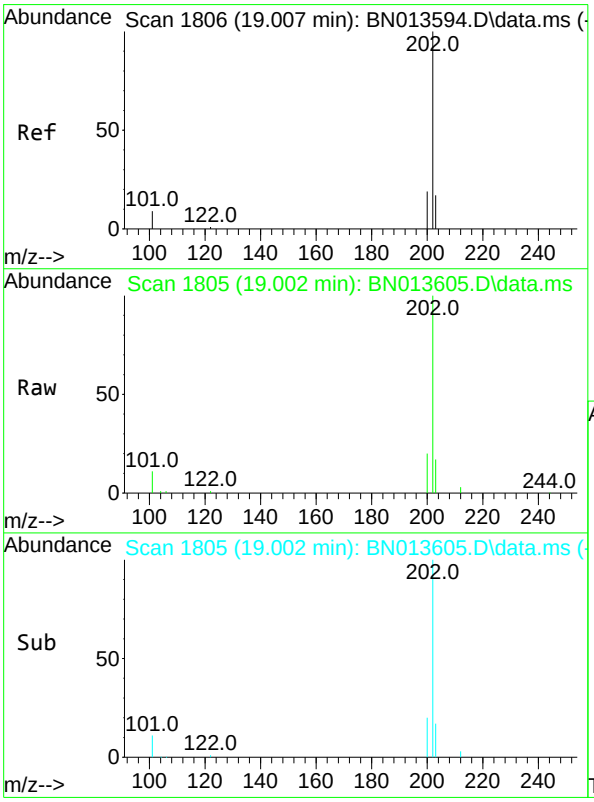


#27
Fluoranthene-d10
Concen: 0.37 ng
RT: 18.972 min Scan# 1799
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:212 Resp: 27078

Ion	Ratio	Lower	Upper
212	100		
106	12.7	9.7	14.5
104	7.2	5.5	8.3

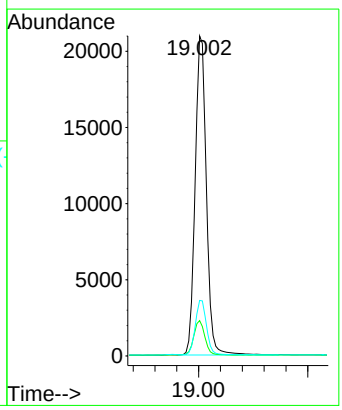




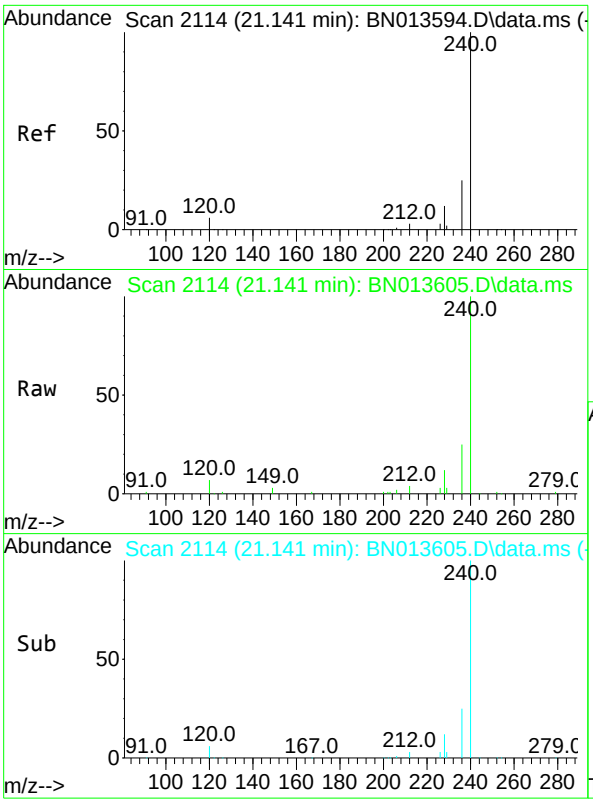
#28
Fluoranthene
Concen: 0.37 ng
RT: 19.002 min Scan# 1805
Delta R.T. -0.005 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:202 Resp: 29846

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	16.9	13.9	20.9



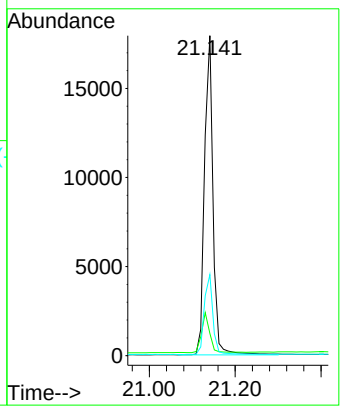
Instrument :
BNA_N
ClientSampleId :
PB134545BS

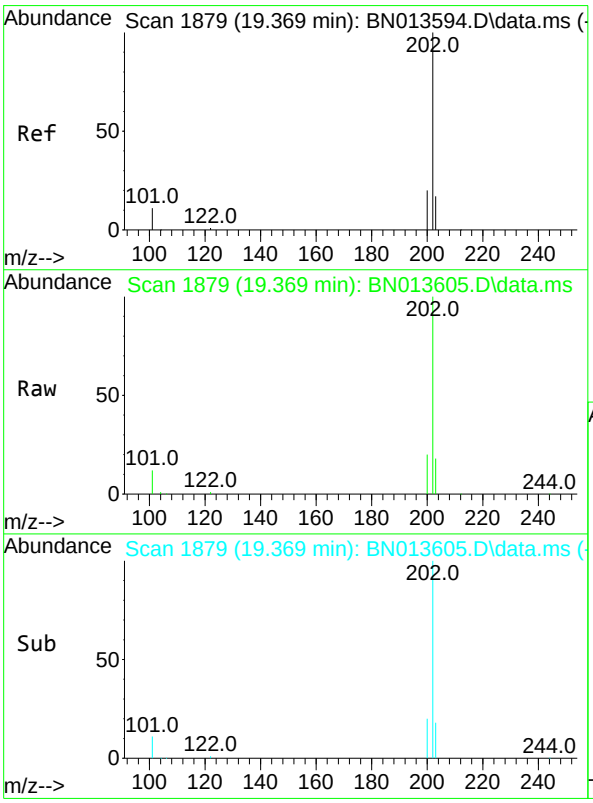


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.141 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:240 Resp: 24604

Ion	Ratio	Lower	Upper
240	100		
120	6.9	10.2	15.4#
236	25.4	21.3	31.9

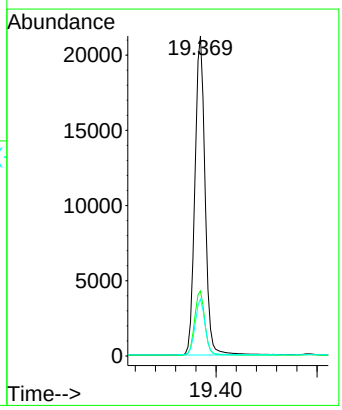




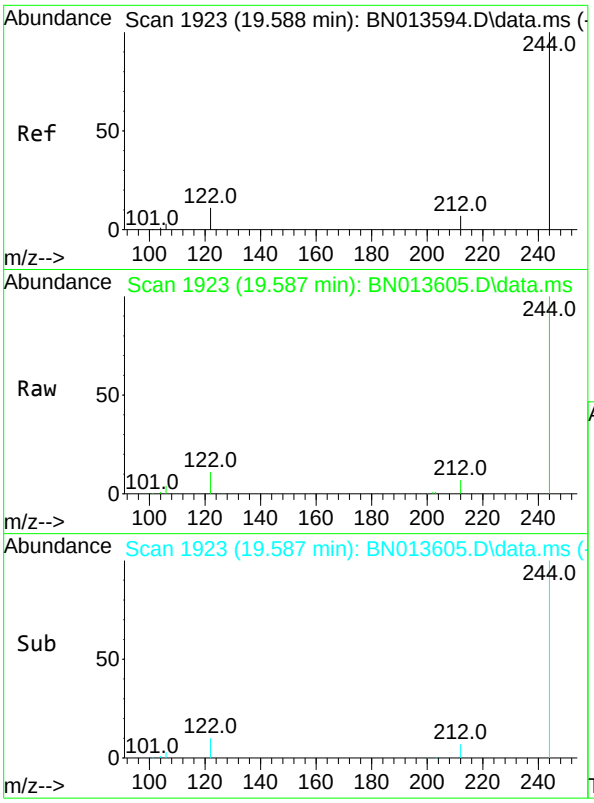
#30
Pyrene
Concen: 0.40 ng
RT: 19.369 min Scan# 1879
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:202 Resp: 29628

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.4	14.0	21.0



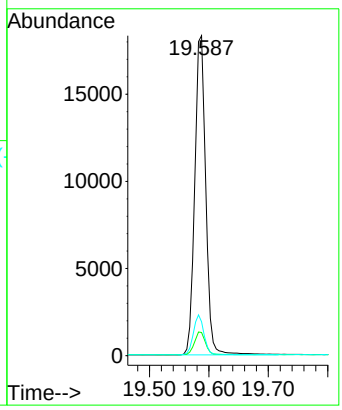
Instrument :
BNA_N
ClientSampleId :
PB134545BS

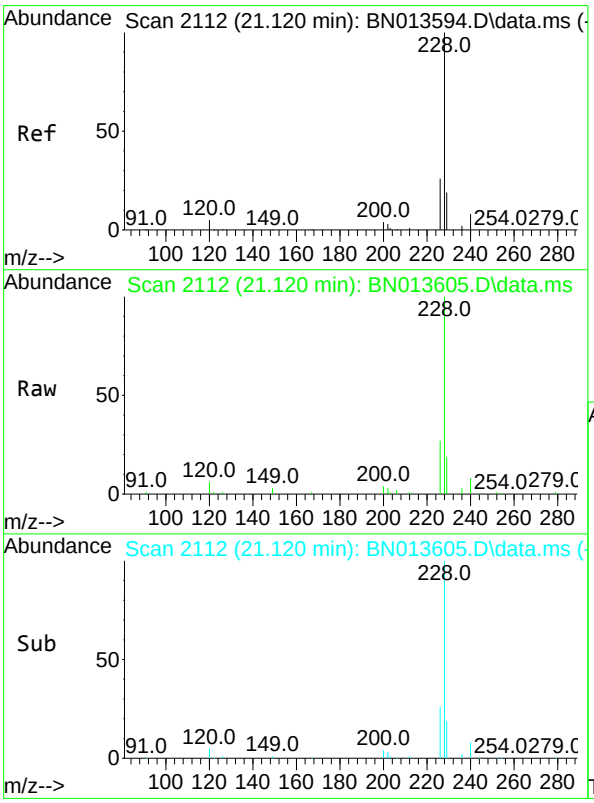


#31
Terphenyl-d14
Concen: 0.43 ng
RT: 19.587 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:244 Resp: 23516

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.1	9.1
122	10.6	9.8	14.8

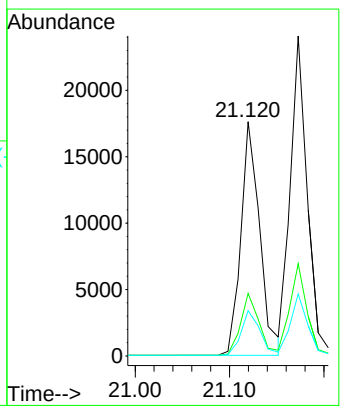


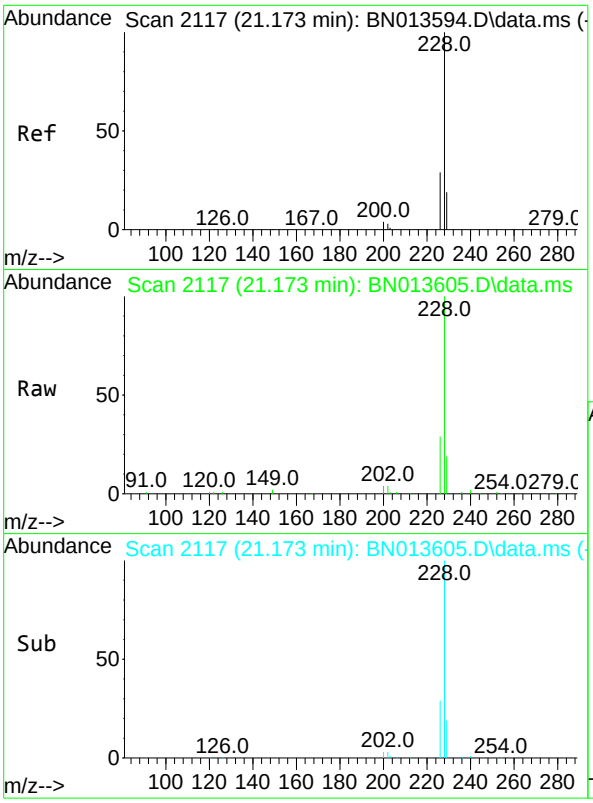


#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.120 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:228 Resp: 24428

Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.5	30.7
229	19.4	16.2	24.4

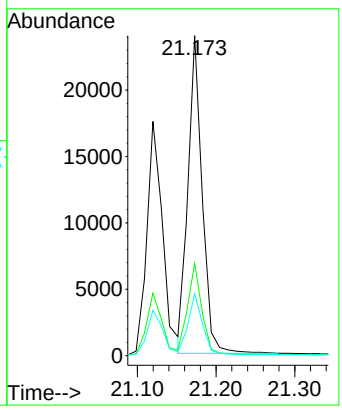




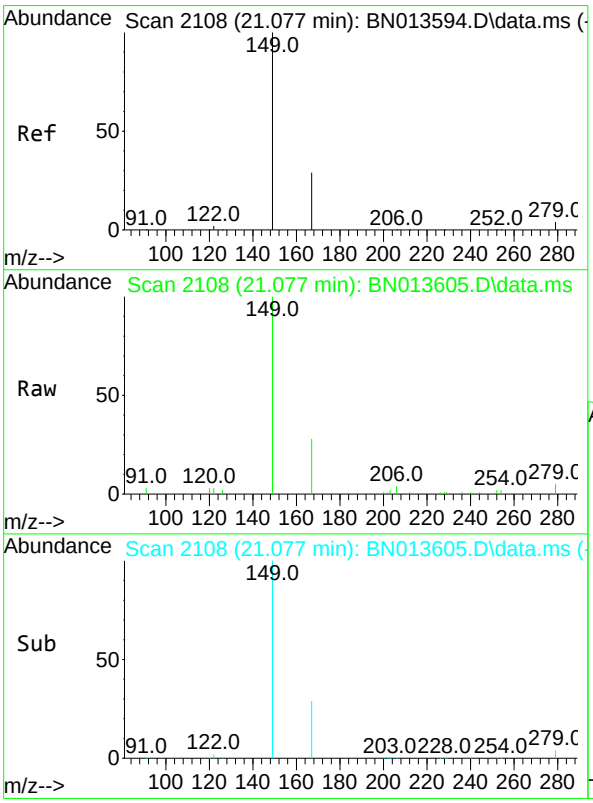
#33
Chrysene
Concen: 0.40 ng
RT: 21.173 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:228 Resp: 29984

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.3	36.5
229	19.4	15.1	22.7



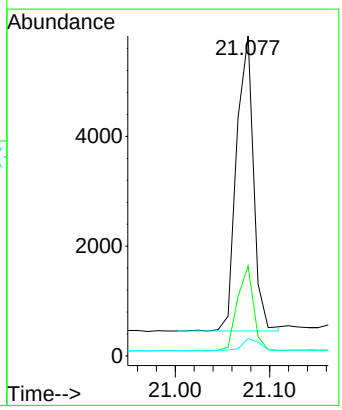
Instrument :
BNA_N
ClientSampleId :
PB134545BS



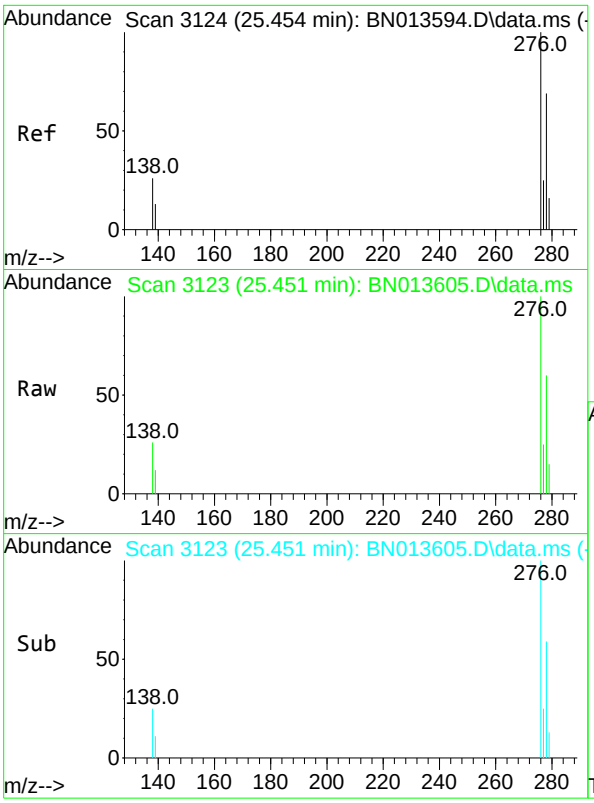
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.35 ng
RT: 21.077 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:149 Resp: 6732

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.6	3.5	5.3



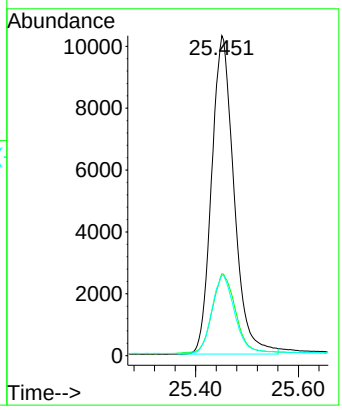
Instrument :
BNA_N
ClientSampleId :
PB134545BS

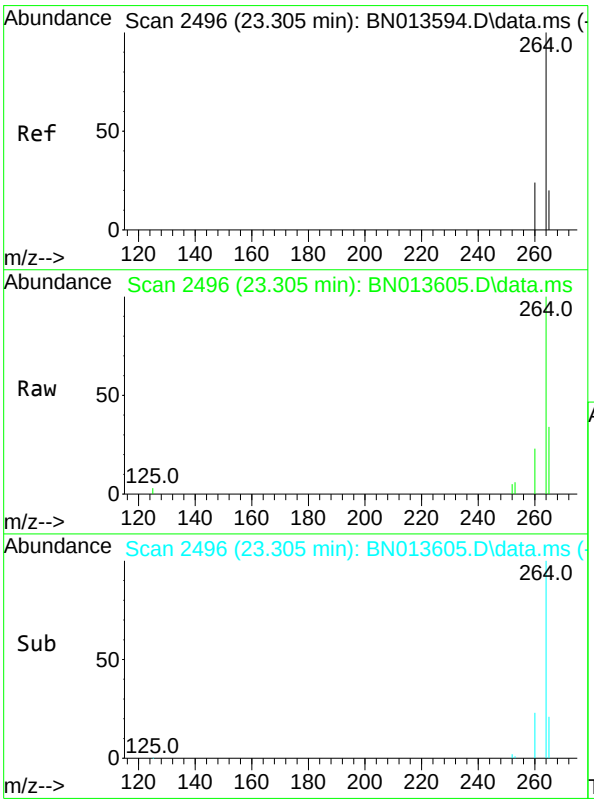


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.451 min Scan# 3123
Delta R.T. -0.003 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:276 Resp: 31152

Ion	Ratio	Lower	Upper
276	100		
138	26.1	19.8	29.6
277	25.1	19.9	29.9

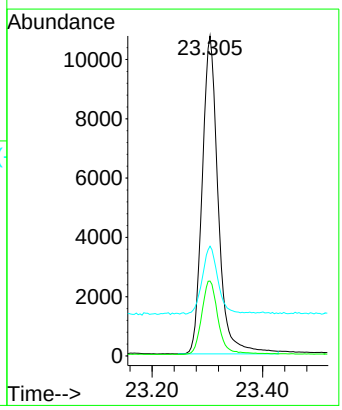




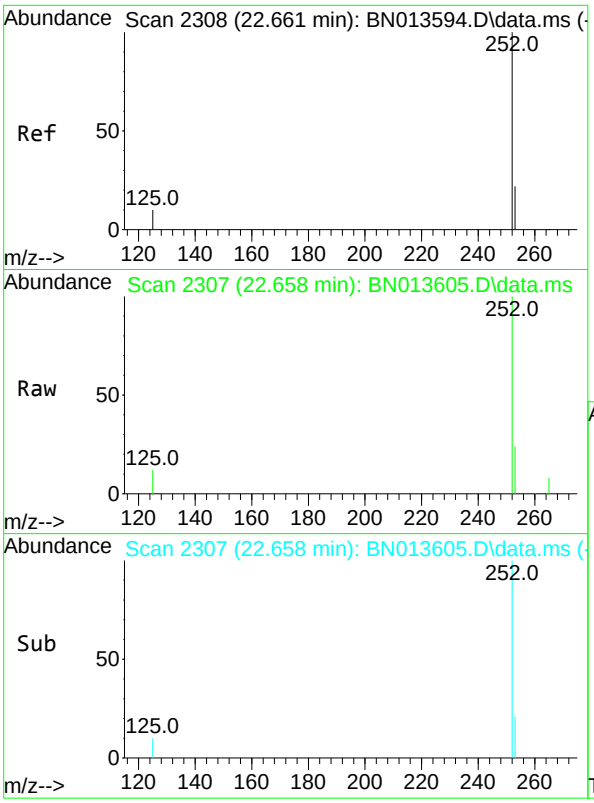
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.305 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:264 Resp: 21552

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.3	28.9
265	34.3	66.2	99.4#



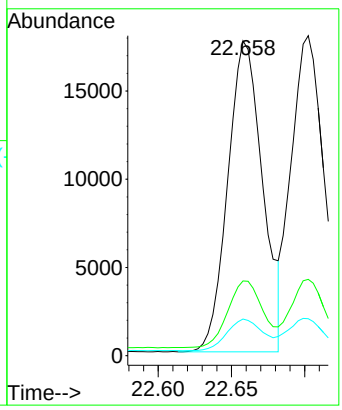
Instrument :
BNA_N
ClientSampleId :
PB134545BS

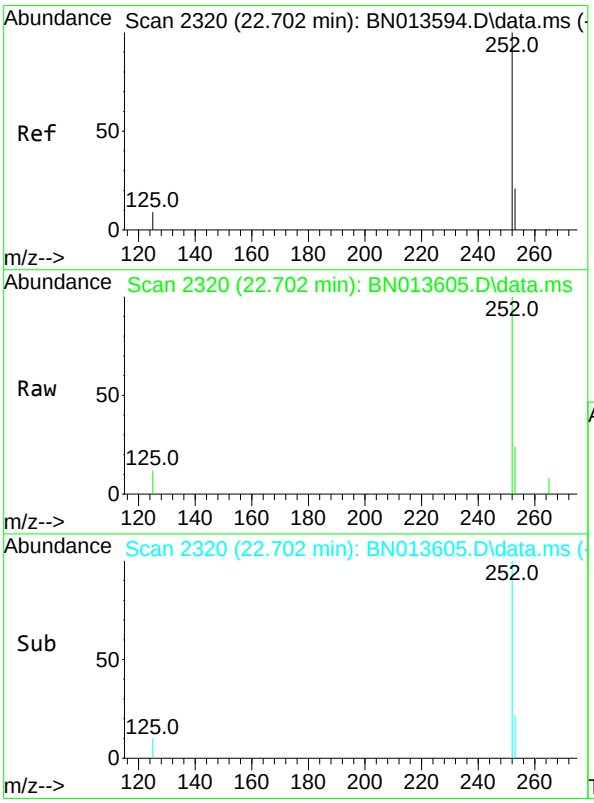


#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.658 min Scan# 2307
Delta R.T. -0.003 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:252 Resp: 29223

Ion	Ratio	Lower	Upper
252	100		
253	23.7	20.4	30.6
125	11.6	11.6	17.4

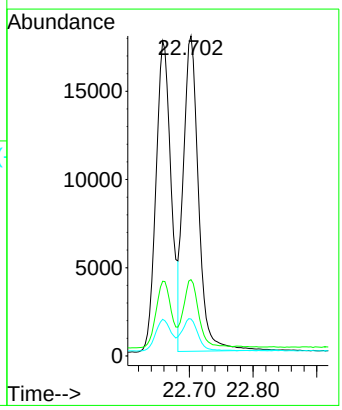




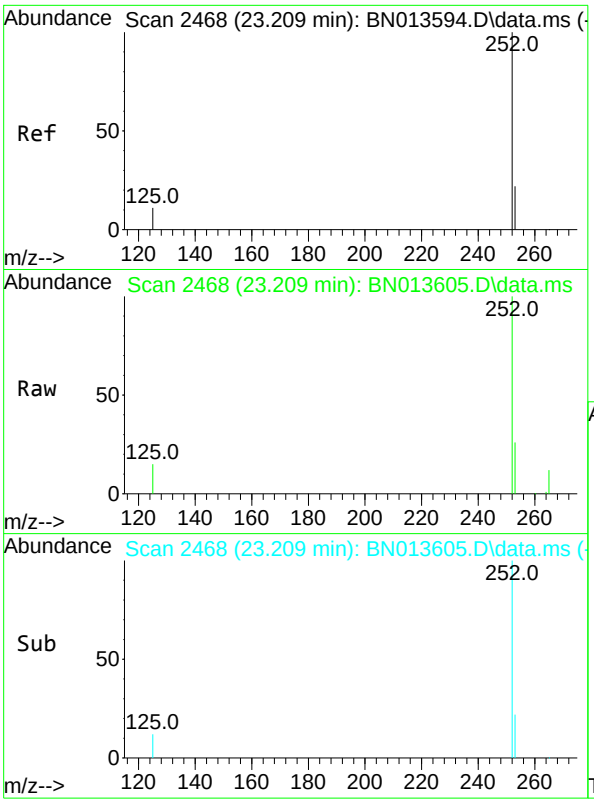
#38
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.702 min Scan# 2320
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:252 Resp: 29475

Ion	Ratio	Lower	Upper
252	100		
253	23.8	20.5	30.7
125	11.6	12.3	18.5#



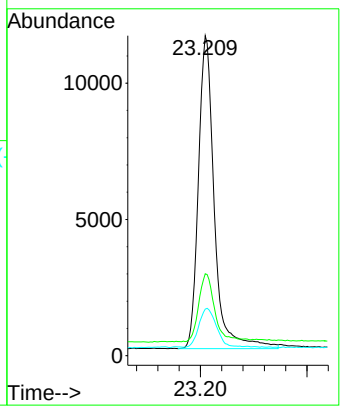
Instrument :
BNA_N
ClientSampleId :
PB134545BS

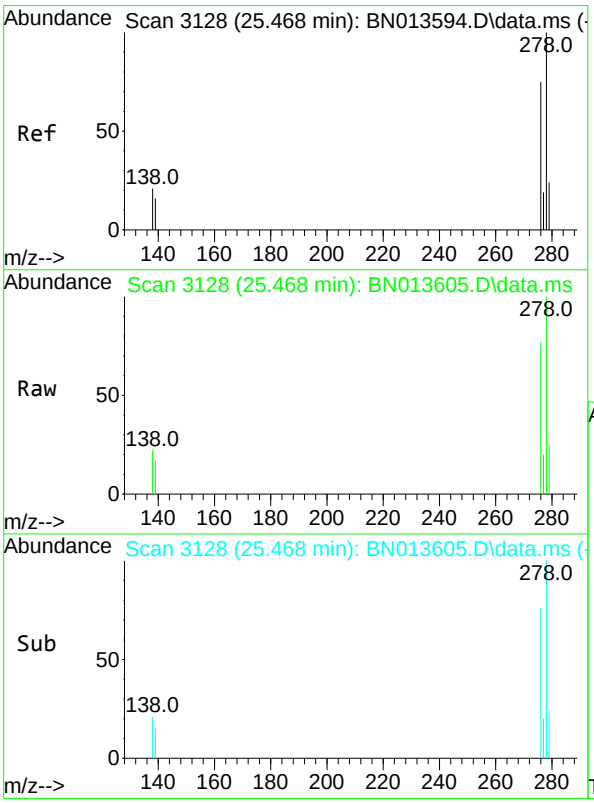


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.209 min Scan# 2468
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:252 Resp: 23795

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.6
125	14.5	14.6	21.8#

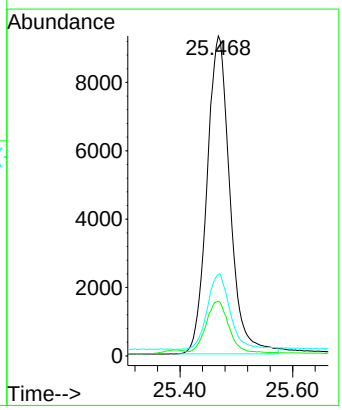


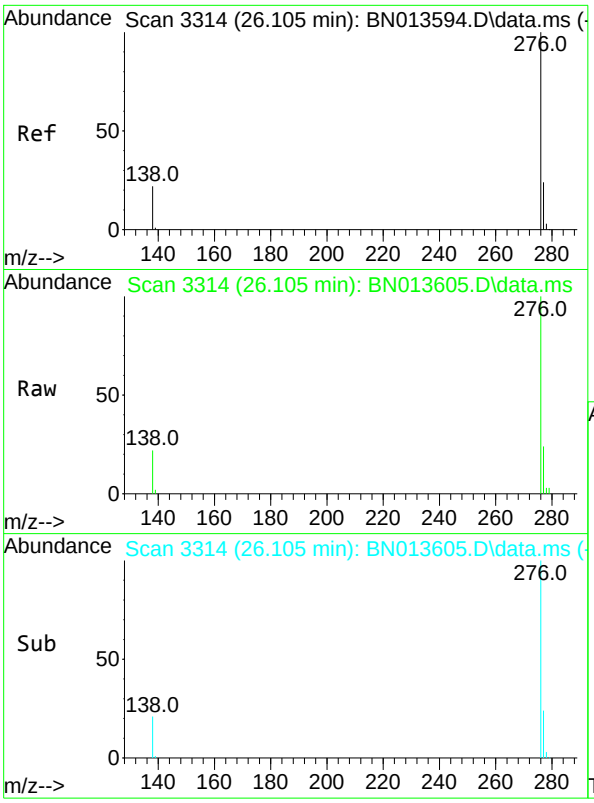


#40
Dibenzo(a,h)anthracene
Concen: 0.39 ng
RT: 25.468 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:278 Resp: 26331

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.1	19.7
279	25.5	21.4	32.0

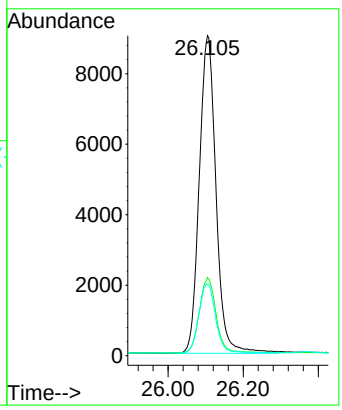




#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.105 min Scan# 3314
Delta R.T. -0.000 min
Lab File: BN013605.D
Acq: 09 Feb 2021 16:16

Tgt Ion:276 Resp: 27934

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	22.2	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134545BS