Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
Data File : BN013623.D
Acq On : 15 Feb 2021 14:34
Operator : CG/JU
Sample : PB134636BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134636BS

Quant Time: Feb 15 15:02:48 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	6033	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	23817	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	13106	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	26584	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	24712	0.40	ng		0.00
36) Perylene-d12	23.304	264	22179	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.180	112	5275	0.40	ng		0.00
5) Phenol-d6	6.734	99	6578	0.40	ng		0.00
8) Nitrobenzene-d5	8.680	82	4872	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	14434	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1175	0.31	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	19331	0.39	ng		0.00
27) Fluoranthene-d10	18.975	212	27026	0.38	ng		0.00
31) Terphenyl-d14	19.585	244	22306	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2588	0.38	ng		98
3) n-Nitrosodimethylamine	3.496	42	1914	0.39	ng	#	98
6) bis(2-Chloroethyl)ether	6.992	93	5861	0.40	ng		98
9) Naphthalene	10.353	128	22947	0.39	ng		99
10) Hexachlorobutadiene	10.657	225	3781	0.39	ng	#	99
12) 2-Methylnaphthalene	11.982	142	15586	0.39	ng		98
16) Acenaphthylene	13.902	152	17909	0.36	ng		99
17) Acenaphthene	14.245	154	13658	0.38	ng		98
18) Fluorene	15.234	166	17322	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	826	0.37	ng	#	81
21) 4-Bromophenyl-phenylether	16.130	248	5010	0.38	ng		94
22) Hexachlorobenzene	16.240	284	5623	0.39	ng		98
23) Atrazine	16.410	200	2839	0.34	ng		96
24) Pentachlorophenol	16.593	266	882	0.40	ng		97
25) Phenanthrene	16.970	178	27962	0.39	ng		99
26) Anthracene	17.068	178	21855	0.37	ng		100
28) Fluoranthene	19.005	202	29798	0.38	ng		99
30) Pyrene	19.367	202	29976	0.41	ng		99
32) Benzo(a)anthracene	21.123	228	24115	0.37	ng		99
33) Chrysene	21.176	228	30132	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	6999	0.36	ng		99
35) Indeno(1,2,3-cd)pyrene	25.447	276	31753	0.40	ng		98
37) Benzo(b)fluoranthene	22.657	252	28758	0.37	ng		96
38) Benzo(k)fluoranthene	22.702	252	31006	0.40	ng	#	95
39) Benzo(a)pyrene	23.209	252	24660	0.38	ng		95
40) Dibenzo(a,h)anthracene	25.464	278	26709	0.38	ng		98
41) Benzo(g,h,i)perylene	26.104	276	28568	0.39	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021521\
Data File : BN013623.D
Acq On : 15 Feb 2021 14:34
Operator : CG/JU
Sample : PB134636BS
Misc :
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Instrument :
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ClientSampleId :
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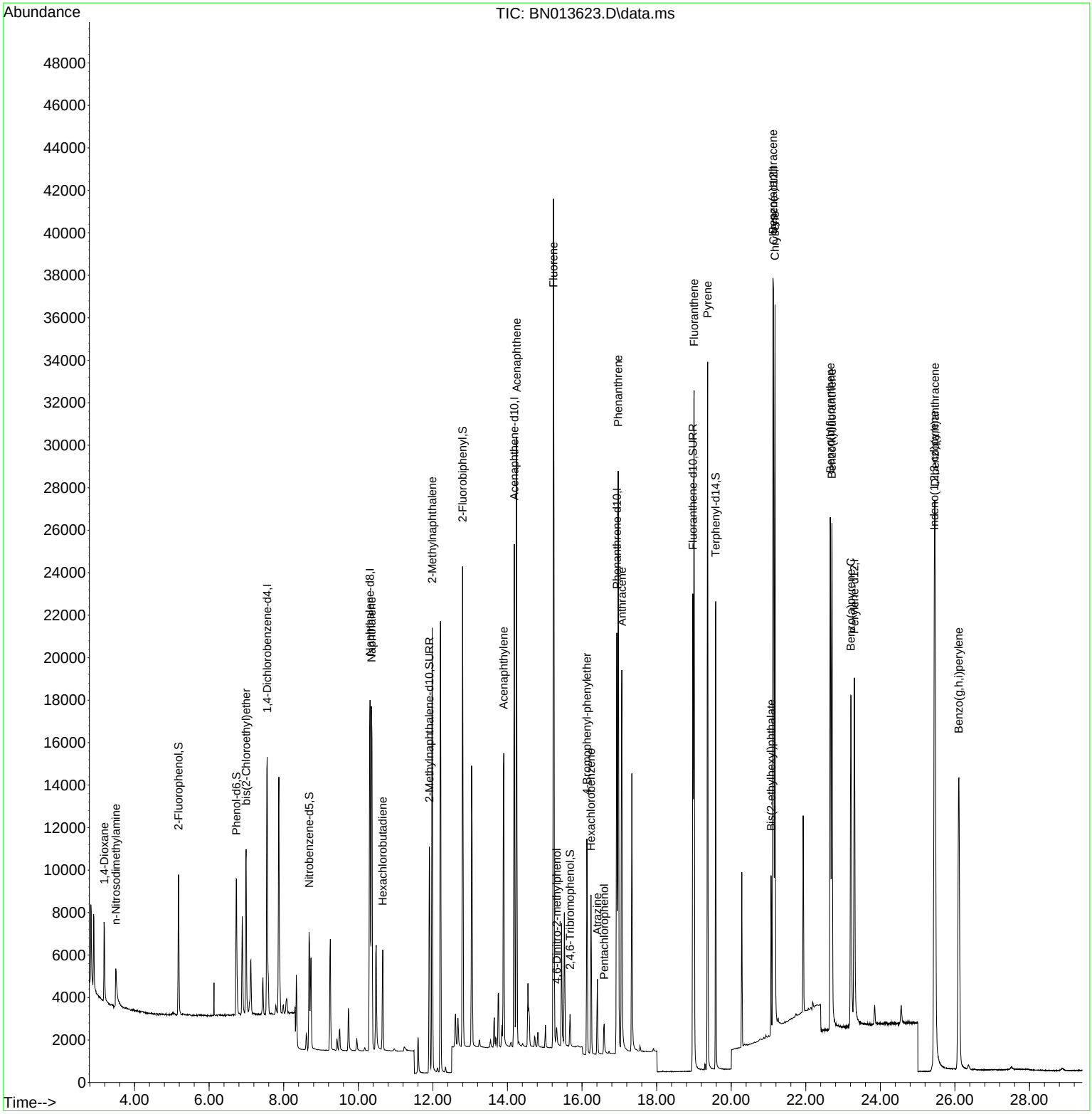
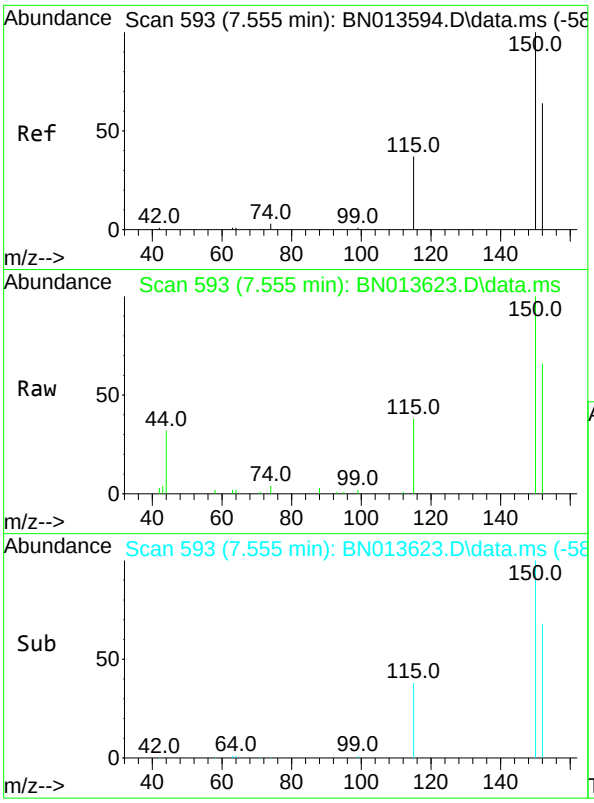
Quant Time: Feb 15 15:02:48 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 08 15:13:18 2021
Response via : Initial Calibration



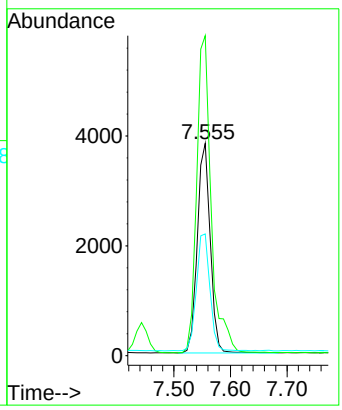
Instrument :
BNA_N
ClientSampleId :
PB134636BS

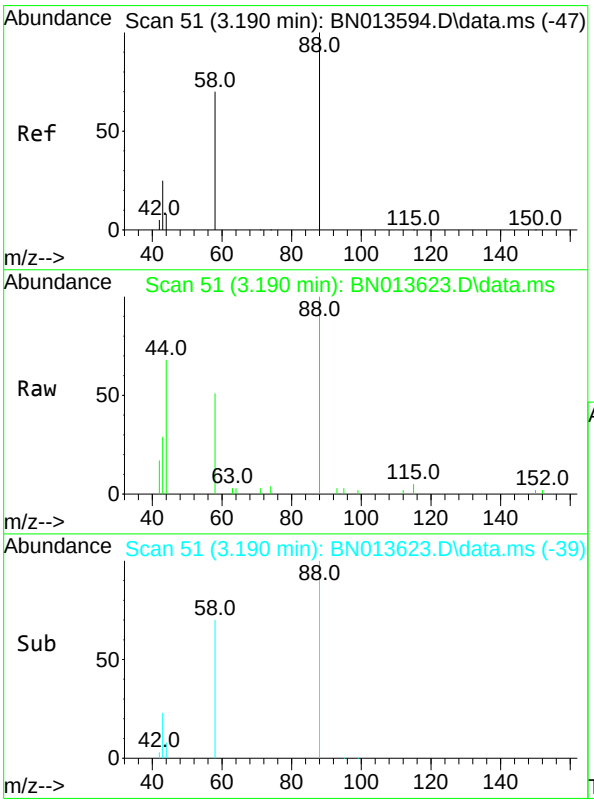


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:152 Resp: 6033

Ion	Ratio	Lower	Upper
152	100		
150	150.8	121.8	182.8
115	57.4	46.6	69.8

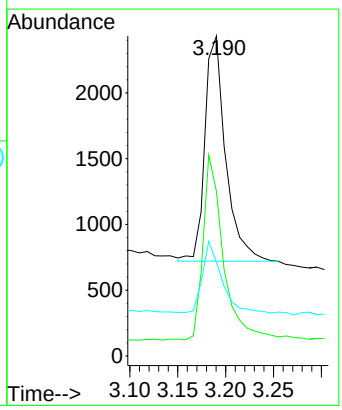




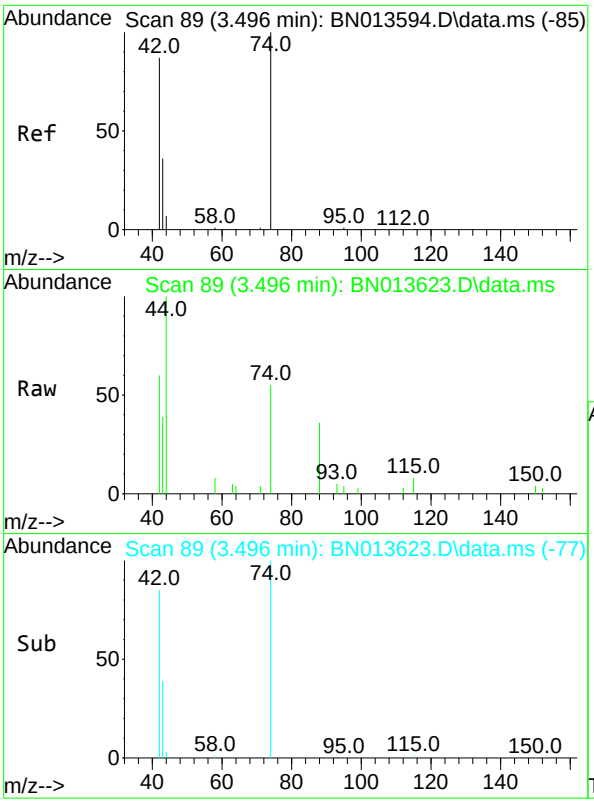
#2
1,4-Dioxane
Concen: 0.38 ng
RT: 3.190 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion: 88 Resp: 2588

Ion	Ratio	Lower	Upper
88	100		
58	80.4	64.6	96.8
43	29.2	26.6	40.0



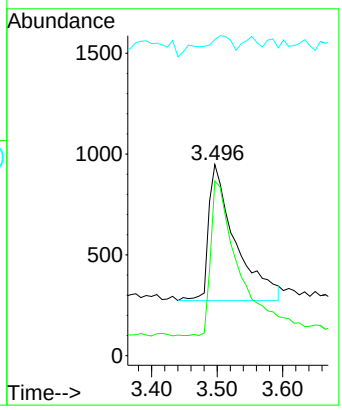
Instrument :
BNA_N
ClientSampleId :
PB134636BS

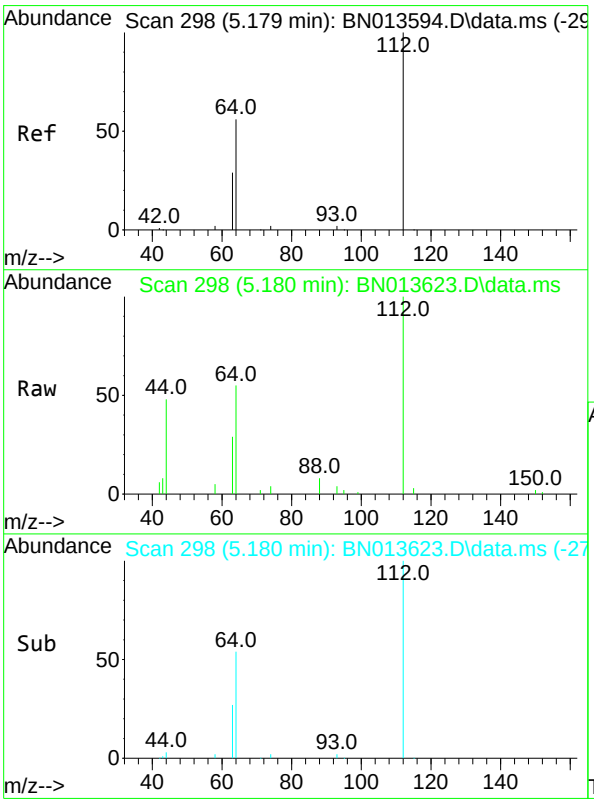


#3
n-Nitrosodimethylamine
Concen: 0.39 ng
RT: 3.496 min Scan# 89
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion: 42 Resp: 1914

Ion	Ratio	Lower	Upper
42	100		
74	116.6	95.0	142.6
44	10.1	5.8	8.8#

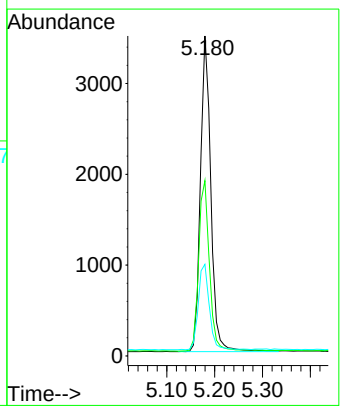




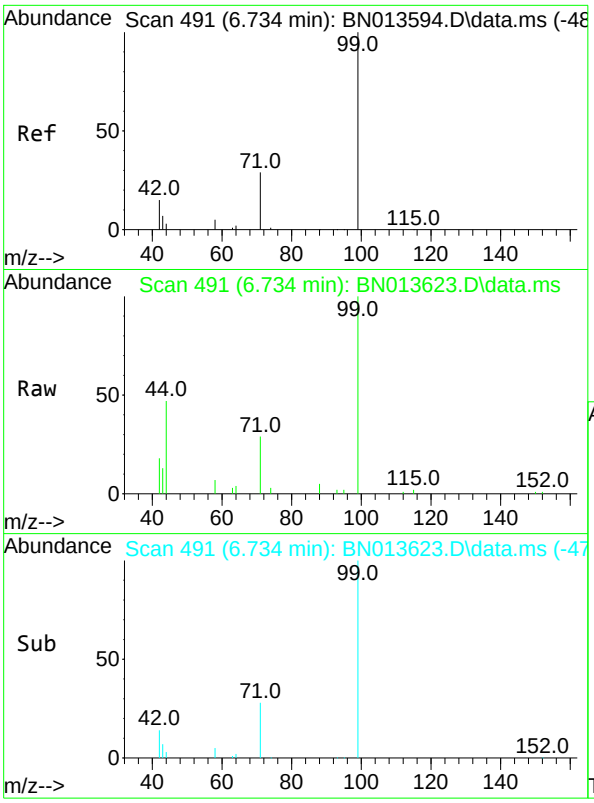
#4
2-Fluorophenol
Concen: 0.40 ng
RT: 5.180 min Scan# 298
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:112 Resp: 5275

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.3	66.5
63	28.6	23.0	34.6



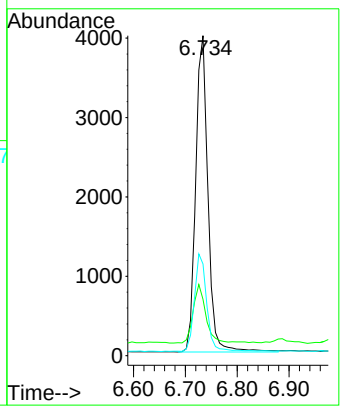
Instrument :
BNA_N
ClientSampleId :
PB134636BS

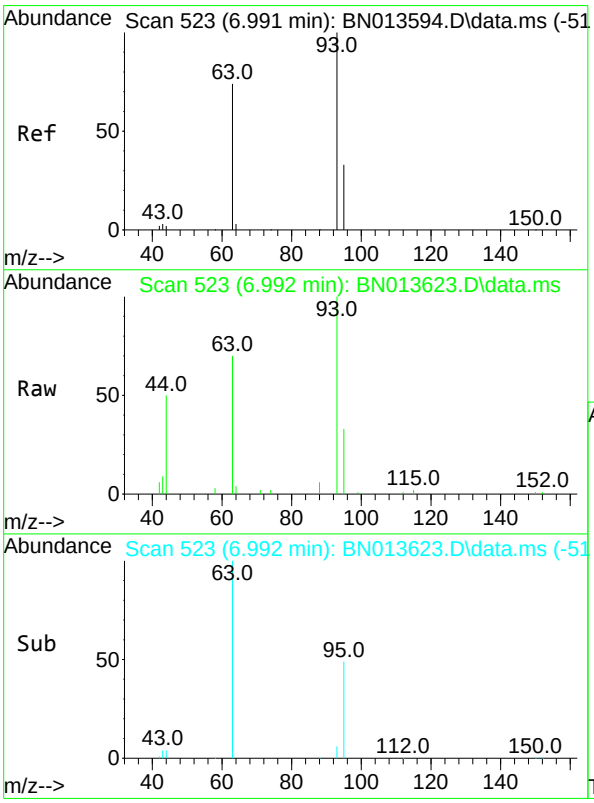


#5
Phenol-d6
Concen: 0.40 ng
RT: 6.734 min Scan# 491
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion: 99 Resp: 6578

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.2	22.8
71	30.5	26.1	39.1

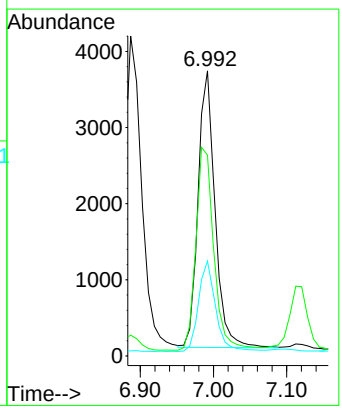




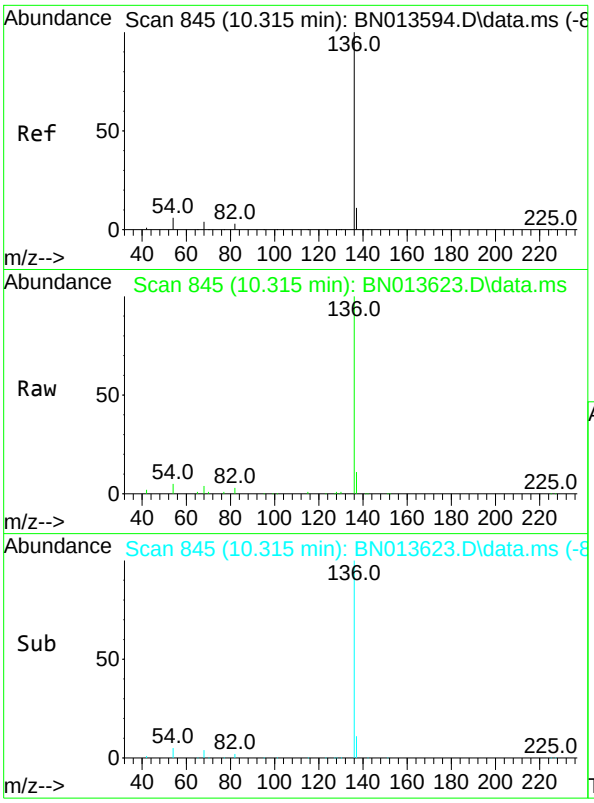
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 6.992 min Scan# 523
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion: 93 Resp: 5861

Ion	Ratio	Lower	Upper
93	100		
63	77.7	60.8	91.2
95	33.1	26.0	39.0



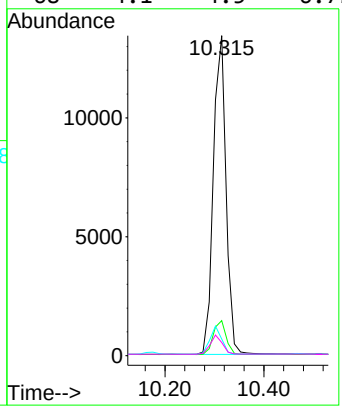
Instrument :
BNA_N
ClientSampleId :
PB134636BS

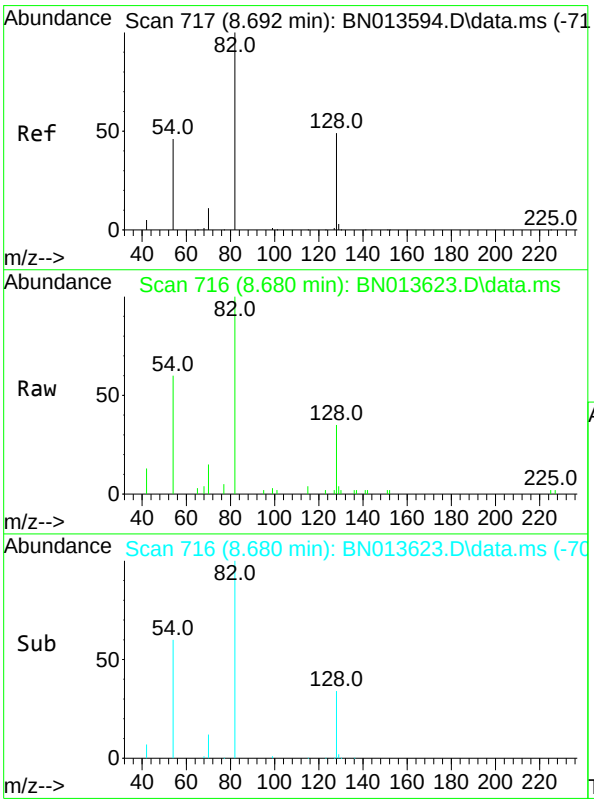


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:136 Resp: 23817

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	5.2	6.4	9.6#
68	4.1	4.5	6.7#

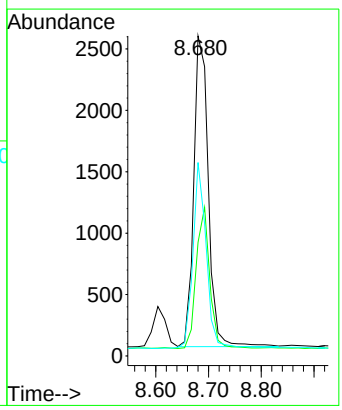




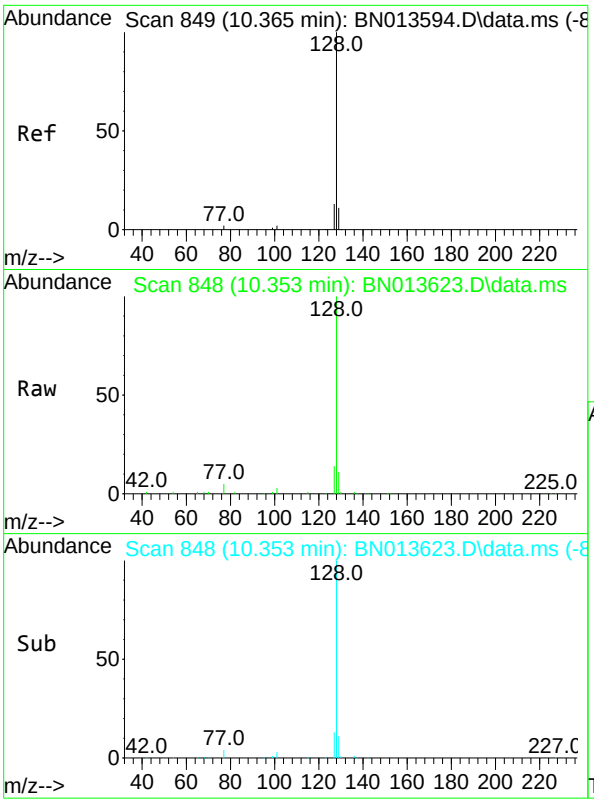
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion: 82 Resp: 4872

Ion	Ratio	Lower	Upper
82	100		
128	35.5	39.2	58.8#
54	60.4	40.1	60.1#



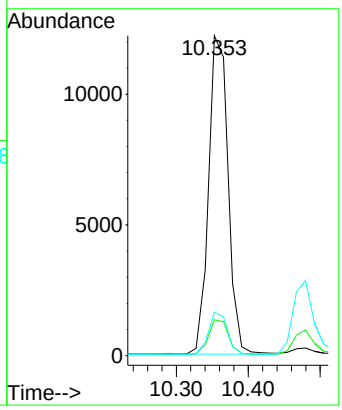
Instrument :
BNA_N
ClientSampleId :
PB134636BS

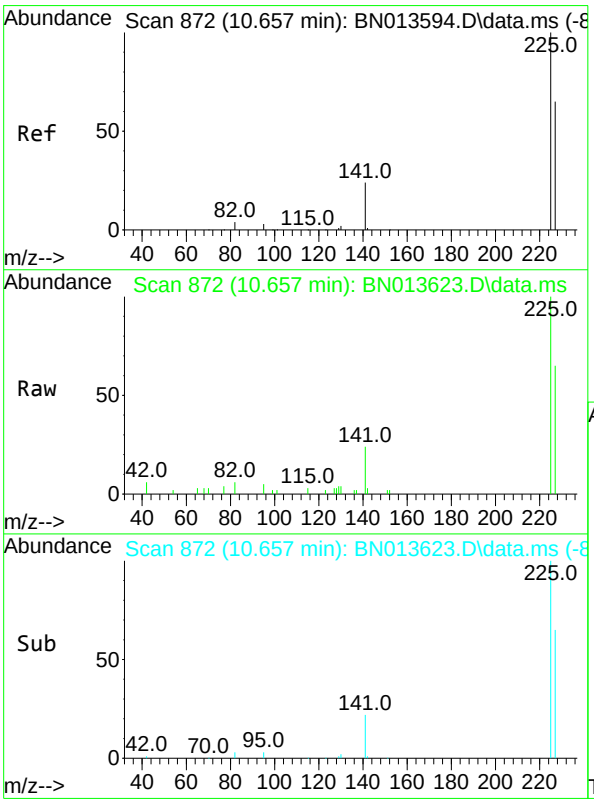


#9
Naphthalene
Concen: 0.39 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.013 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:128 Resp: 22947

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.6	10.4	15.6

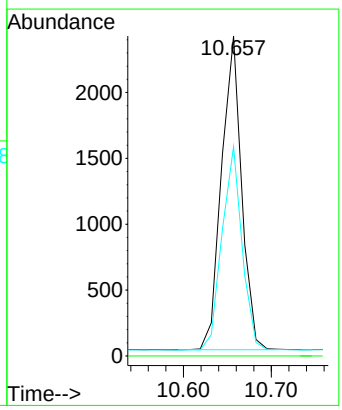




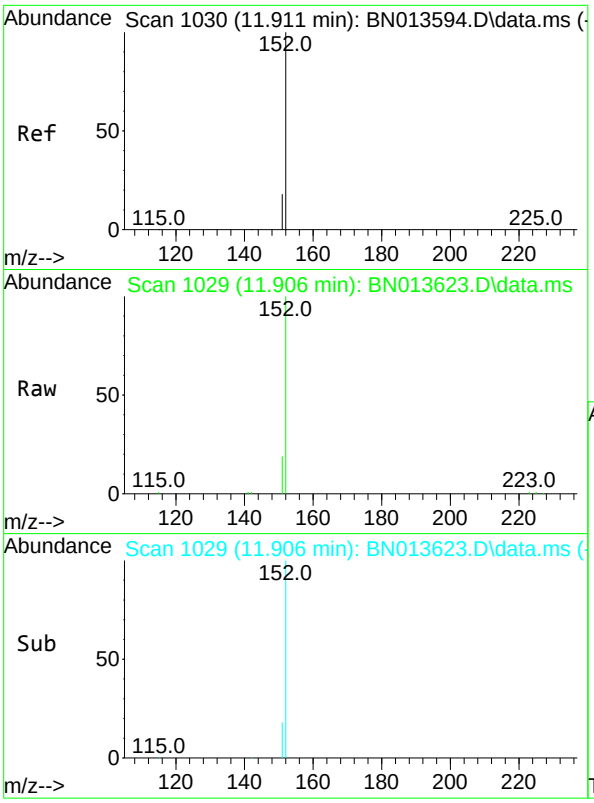
#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.657 min Scan# 872
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:225 Resp: 3781

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.7	51.2	76.8



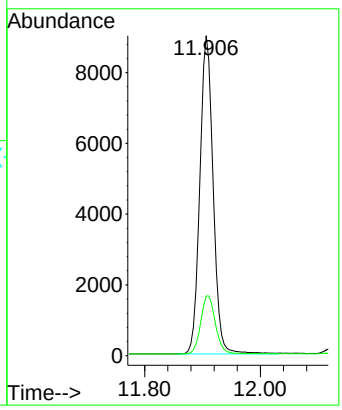
Instrument :
BNA_N
ClientSampleId :
PB134636BS

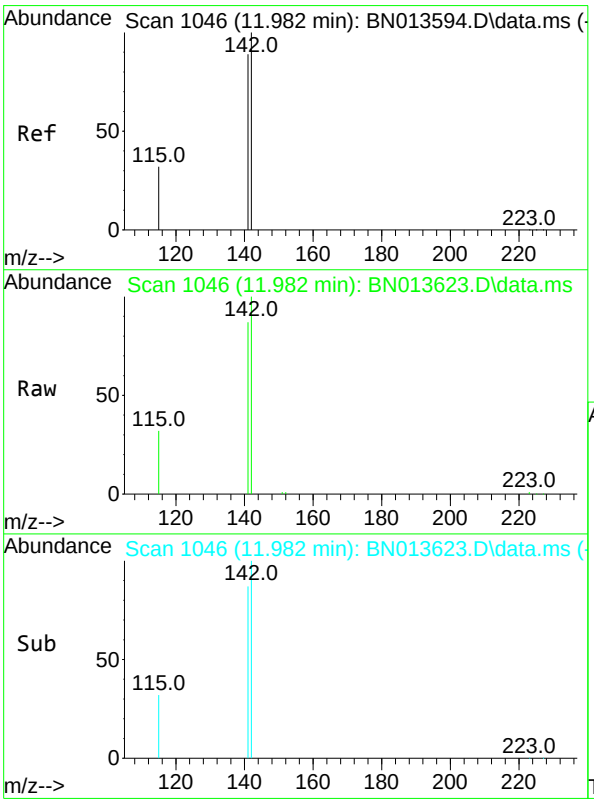


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:152 Resp: 14434

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

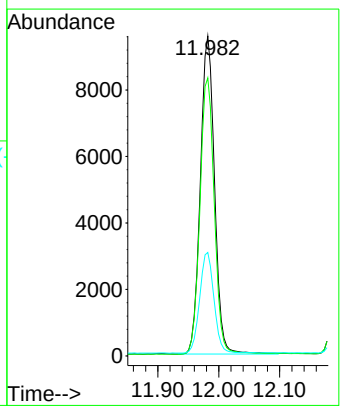




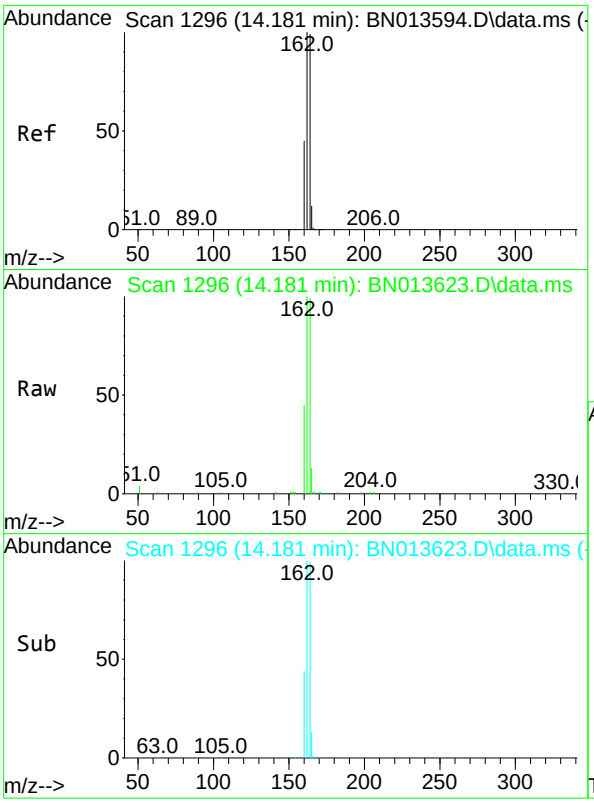
#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.982 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:142 Resp: 15586

Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.5	105.7
115	32.4	27.4	41.0



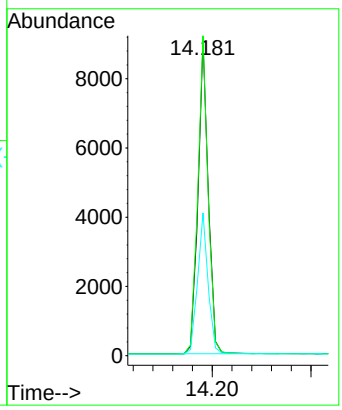
Instrument :
BNA_N
ClientSampleId :
PB134636BS

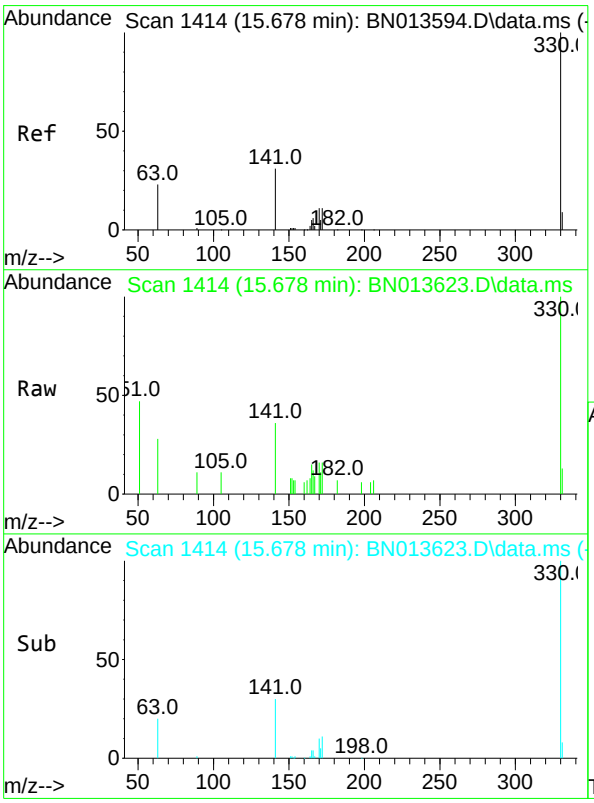


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:164 Resp: 13106

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.6	119.4
160	45.1	36.0	54.0

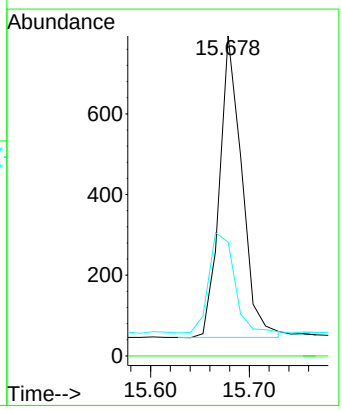




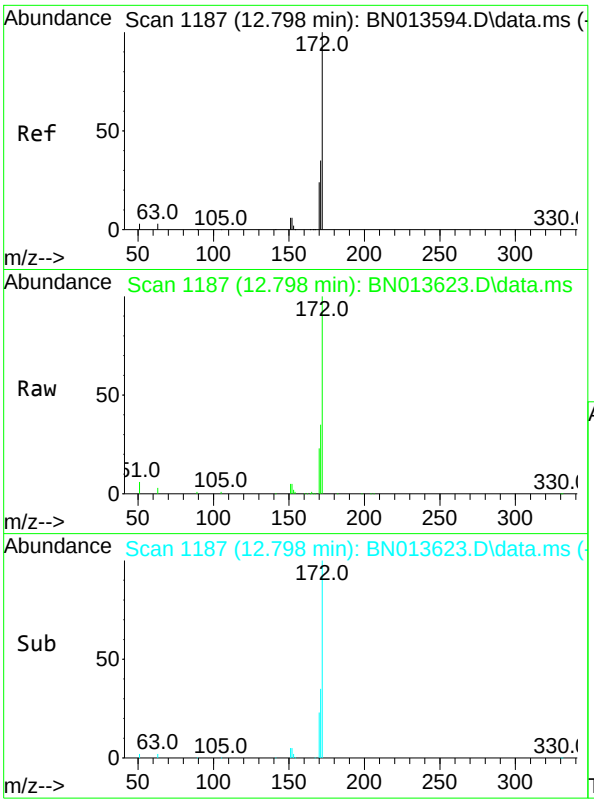
#14
2,4,6-Tribromophenol
Concen: 0.31 ng
RT: 15.678 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:330 Resp: 1175

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.9	26.8	40.2



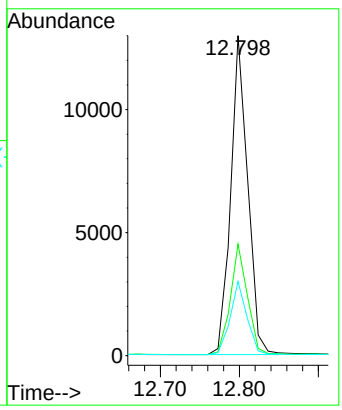
Instrument :
BNA_N
ClientSampleId :
PB134636BS

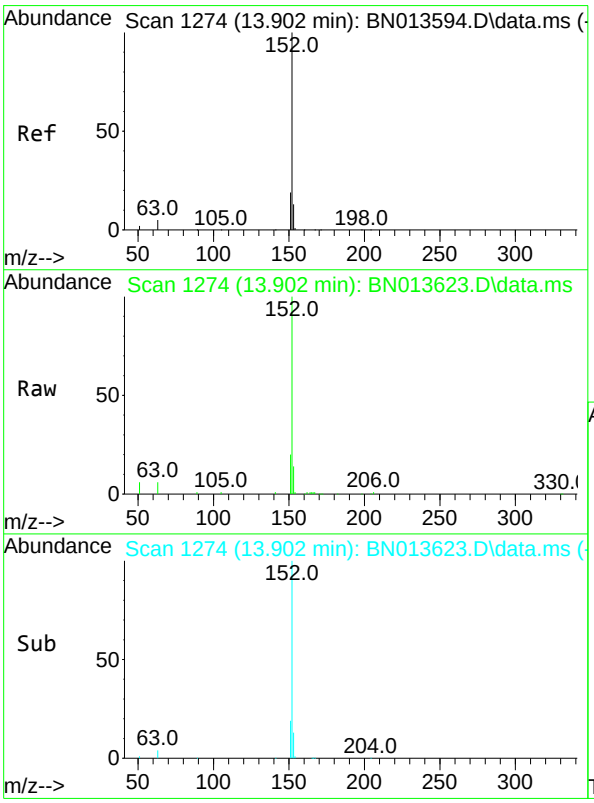


#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 12.798 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:172 Resp: 19331

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	42.8
170	23.2	18.9	28.3

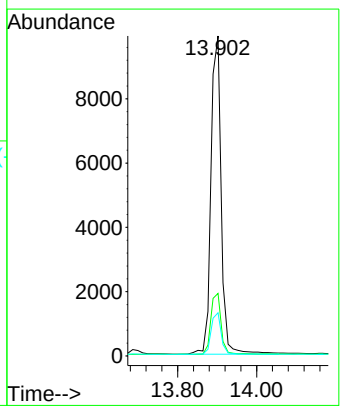




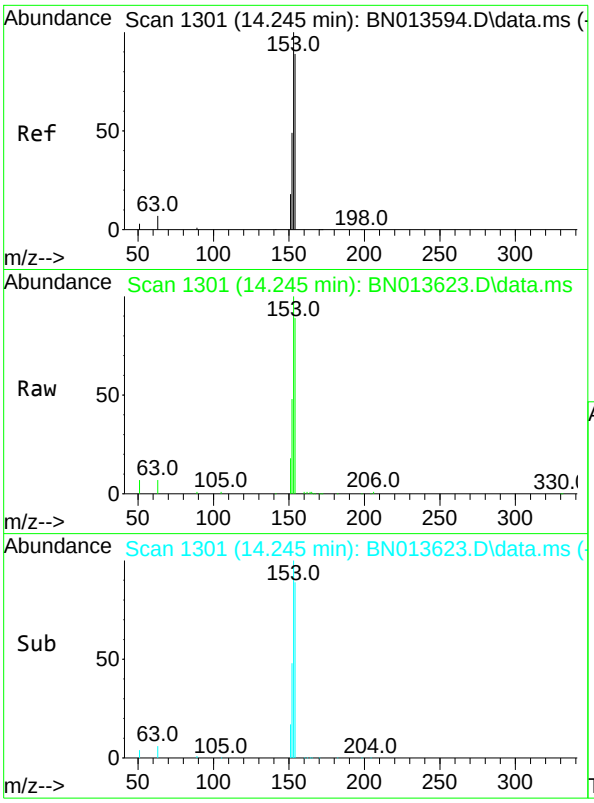
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.902 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:152 Resp: 17909

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	13.0	10.5	15.7



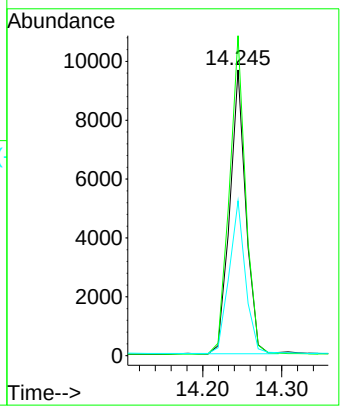
Instrument :
BNA_N
ClientSampleId :
PB134636BS

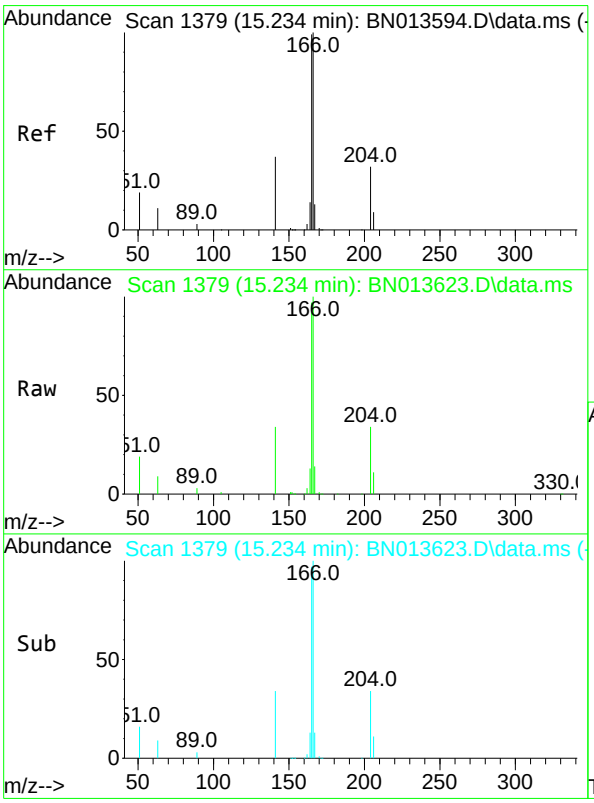


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.245 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:154 Resp: 13658

Ion	Ratio	Lower	Upper
154	100		
153	113.2	88.4	132.6
152	55.0	43.0	64.4

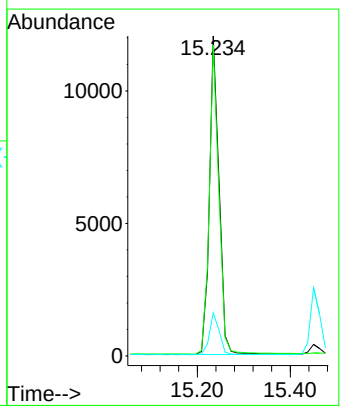




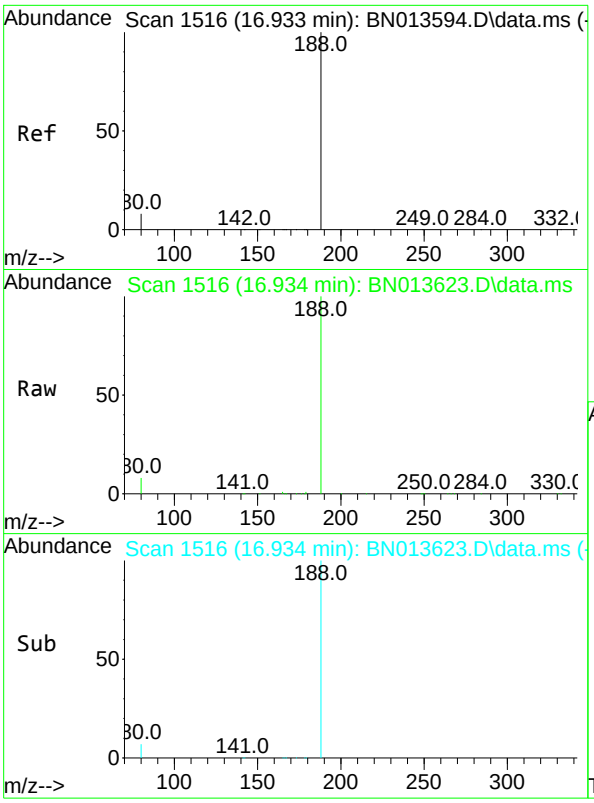
#18
Fluorene
Concen: 0.38 ng
RT: 15.234 min Scan# 1379
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:166 Resp: 17322

Ion	Ratio	Lower	Upper
166	100		
165	96.9	77.8	116.8
167	13.5	10.6	16.0



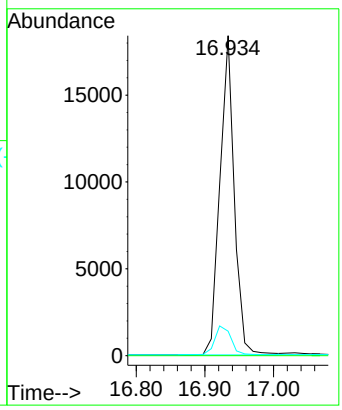
Instrument :
BNA_N
ClientSampleId :
PB134636BS

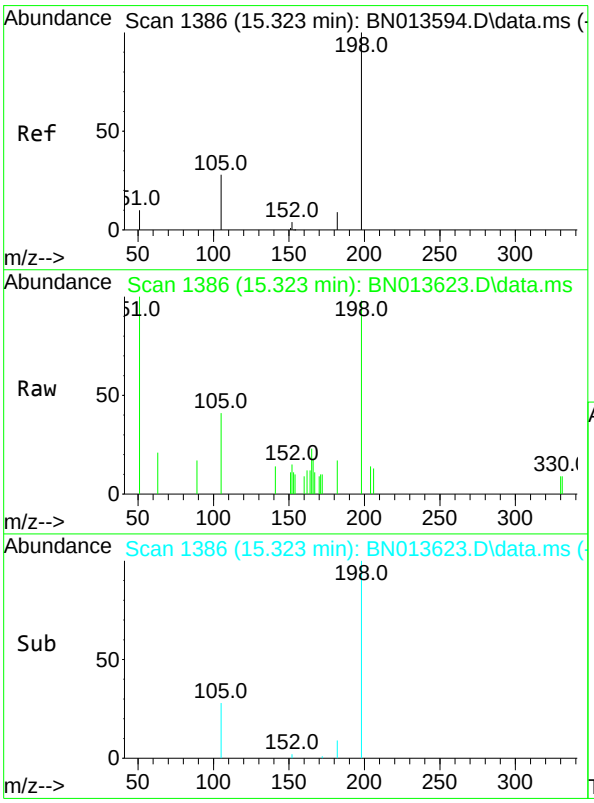


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:188 Resp: 26584

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	9.0	13.6#

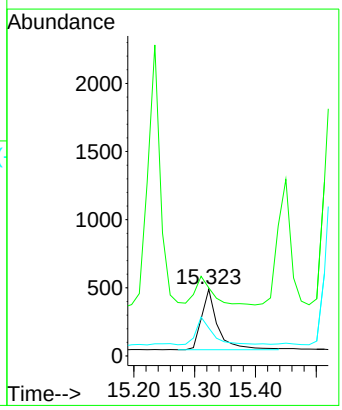




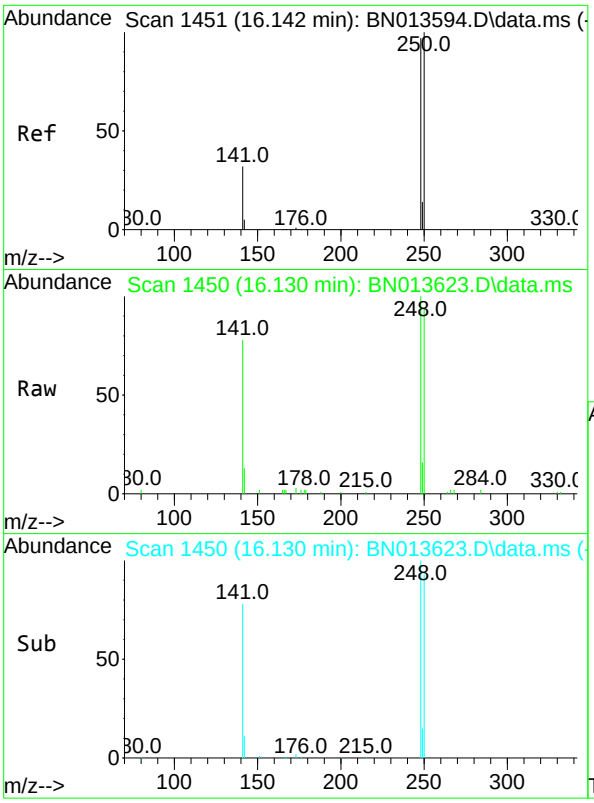
#20
4,6-Dinitro-2-methylphenol
Concen: 0.37 ng
RT: 15.323 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:198 Resp: 826

Ion	Ratio	Lower	Upper
198	100		
51	102.0	61.7	92.5#
105	42.0	33.0	49.6



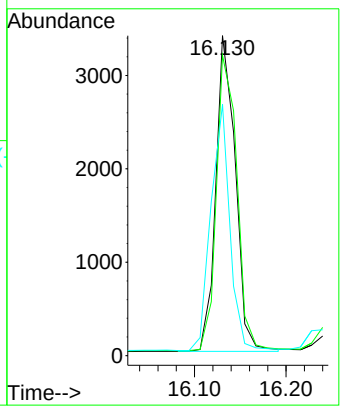
Instrument :
BNA_N
ClientSampleId :
PB134636BS

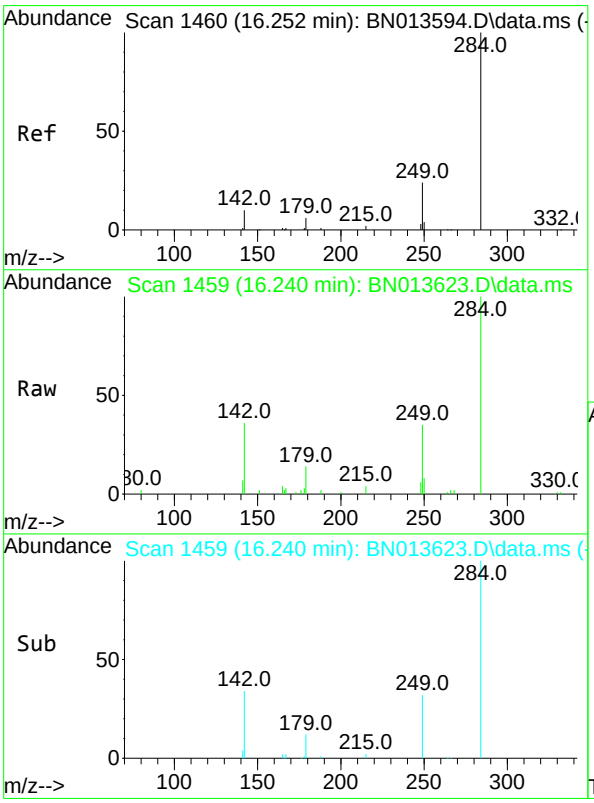


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.130 min Scan# 1450
Delta R.T. -0.011 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:248 Resp: 5010

Ion	Ratio	Lower	Upper
248	100		
250	93.8	75.5	113.3
141	78.5	53.8	80.8

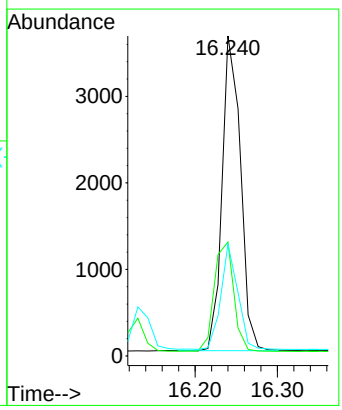




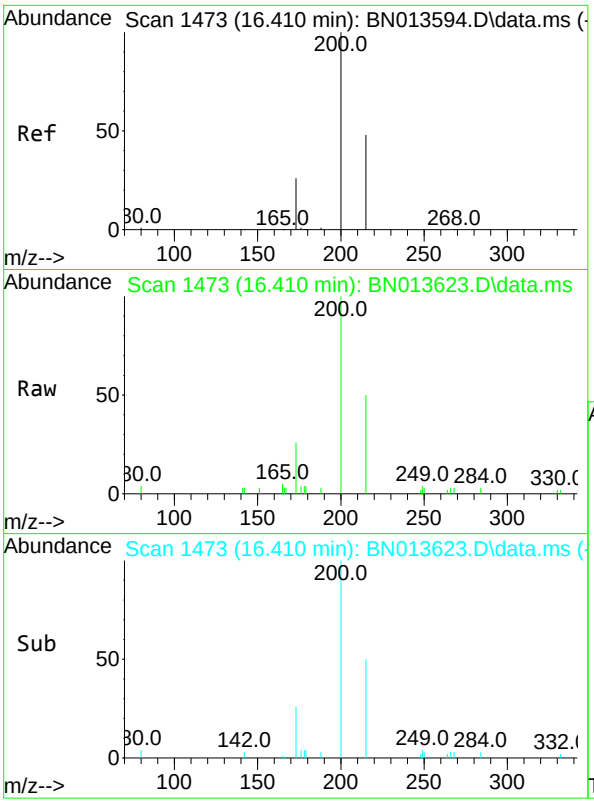
#22
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.240 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:284 Resp: 5623

Ion	Ratio	Lower	Upper
284	100		
142	37.0	27.9	41.9
249	30.8	24.2	36.2



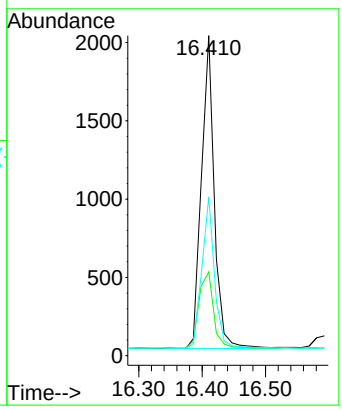
Instrument :
BNA_N
ClientSampleId :
PB134636BS

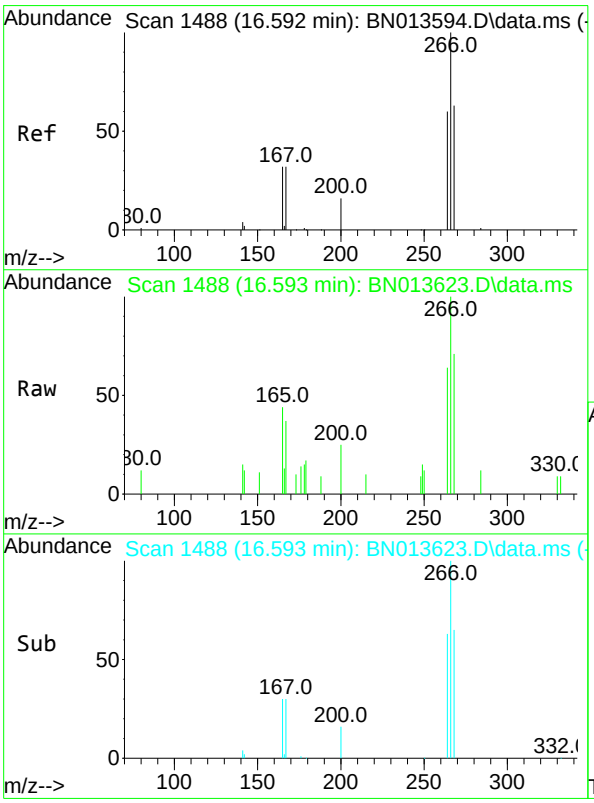


#23
Atrazine
Concen: 0.34 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:200 Resp: 2839

Ion	Ratio	Lower	Upper
200	100		
173	26.2	18.6	28.0
215	49.6	41.0	61.6

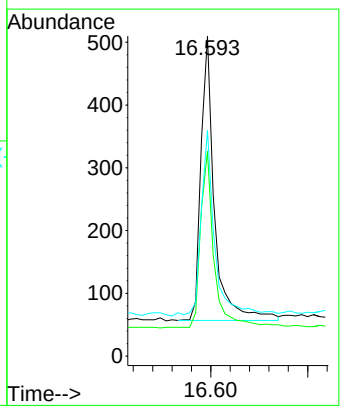




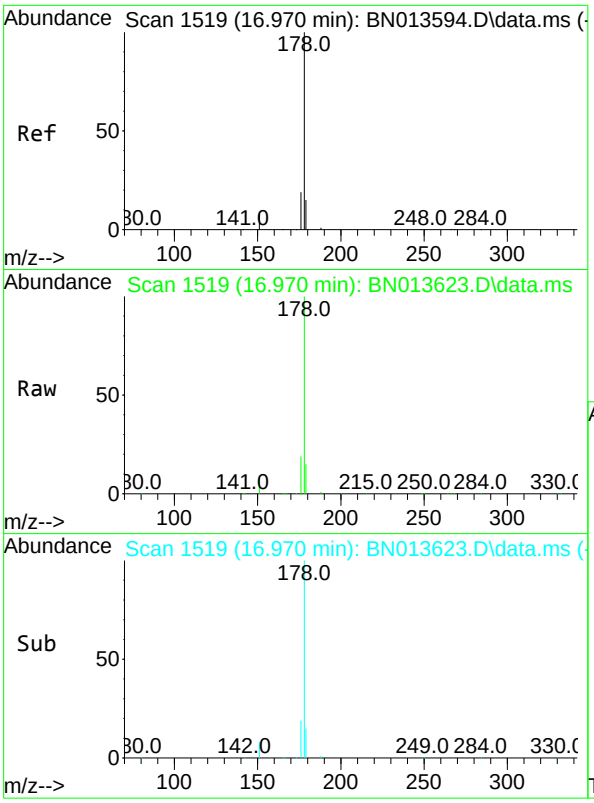
#24
Pentachlorophenol
Concen: 0.40 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:266 Resp: 882

Ion	Ratio	Lower	Upper
266	100		
264	61.5	51.6	77.4
268	66.4	54.6	82.0



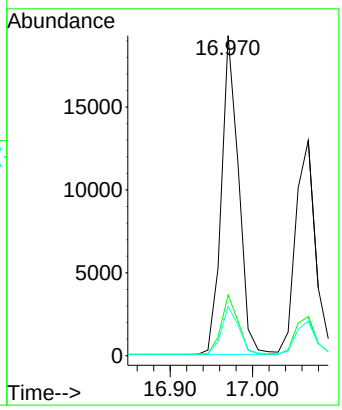
Instrument :
BNA_N
ClientSampleId :
PB134636BS

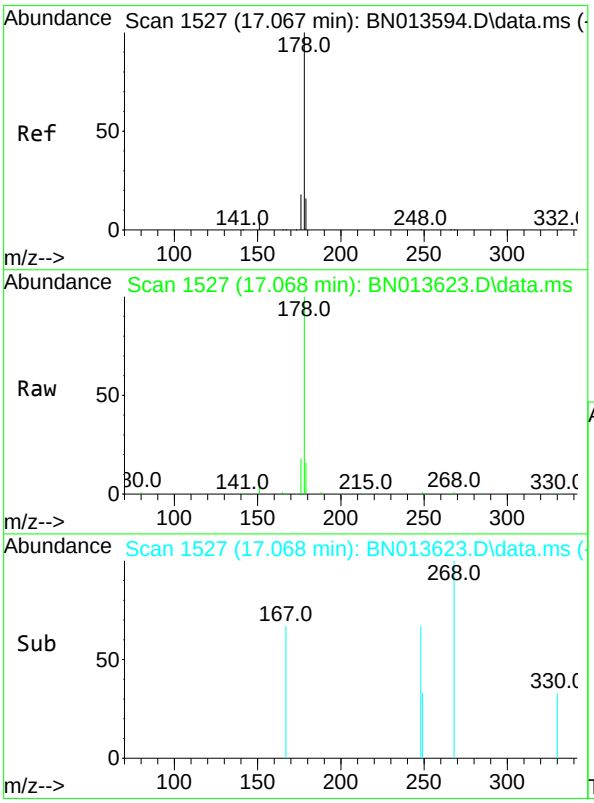


#25
Phenanthrene
Concen: 0.39 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:178 Resp: 27962

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.3	12.3	18.5

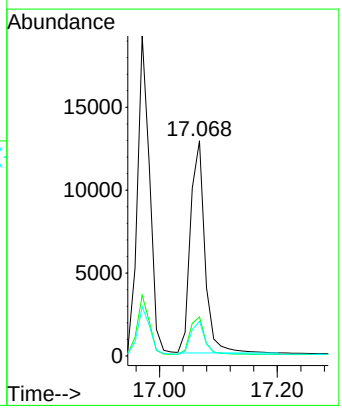




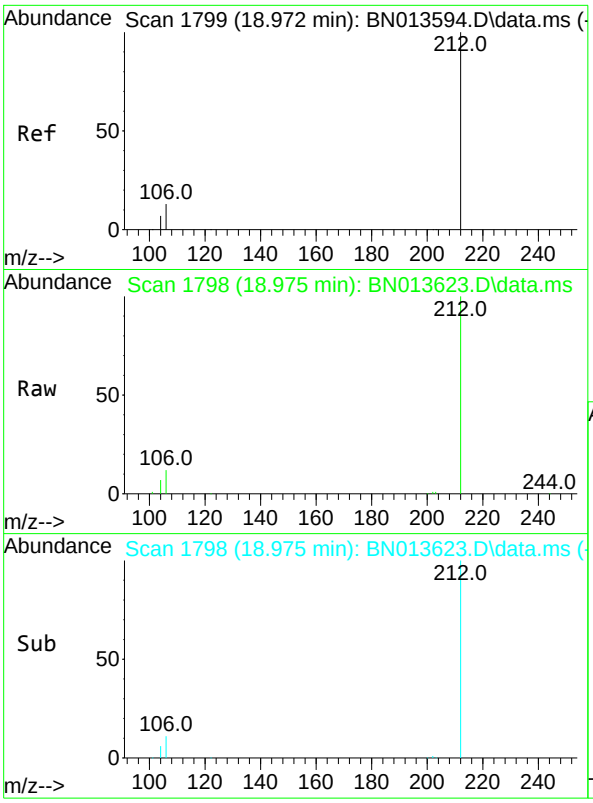
#26
Anthracene
Concen: 0.37 ng
RT: 17.068 min Scan# 1527
Delta R.T. 0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:178 Resp: 21855

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.5	12.2	18.2



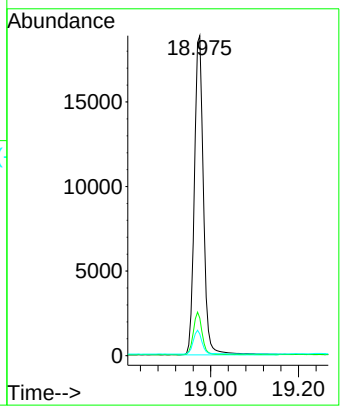
Instrument :
BNA_N
ClientSampleId :
PB134636BS

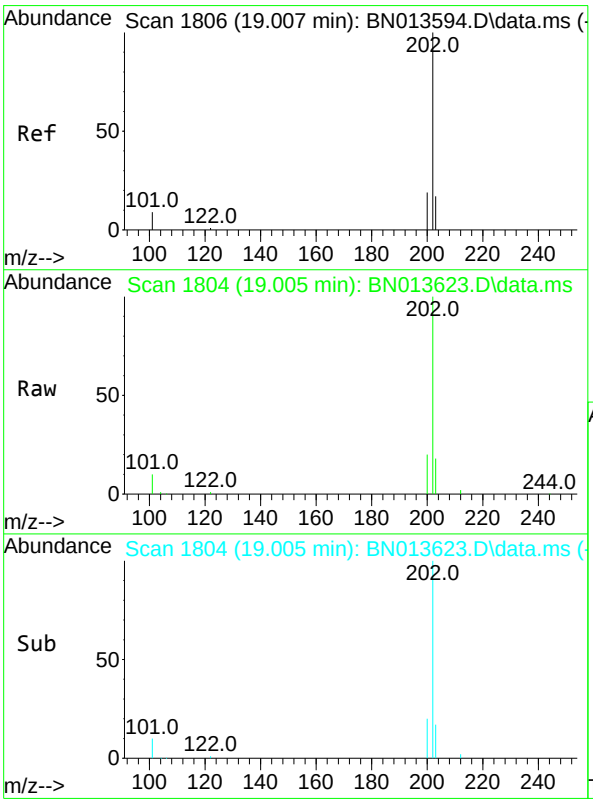


#27
Fluoranthene-d10
Concen: 0.38 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:212 Resp: 27026

Ion	Ratio	Lower	Upper
212	100		
106	12.8	9.7	14.5
104	7.2	5.5	8.3

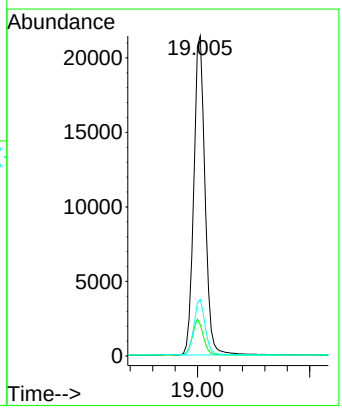




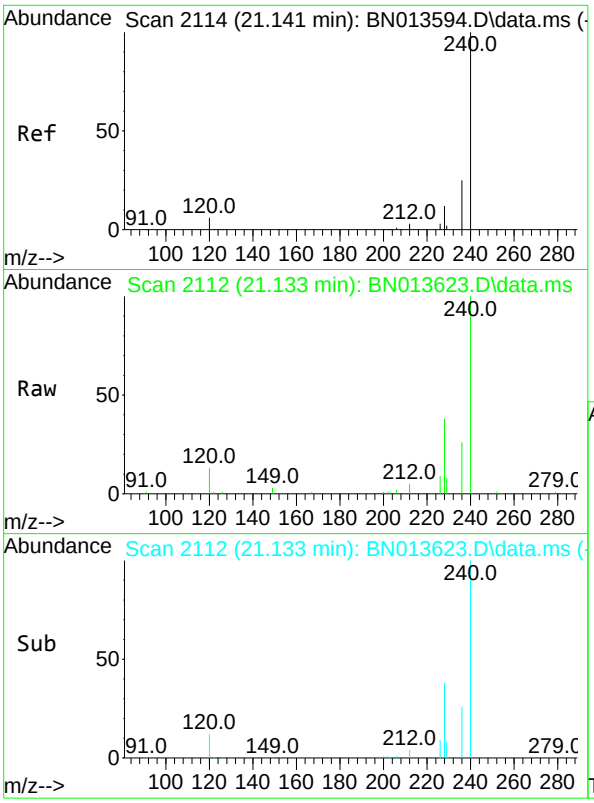
#28
Fluoranthene
Concen: 0.38 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:202 Resp: 29798

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.1	12.1
203	17.3	13.9	20.9



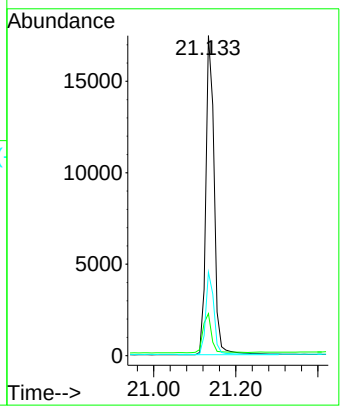
Instrument :
BNA_N
ClientSampleId :
PB134636BS

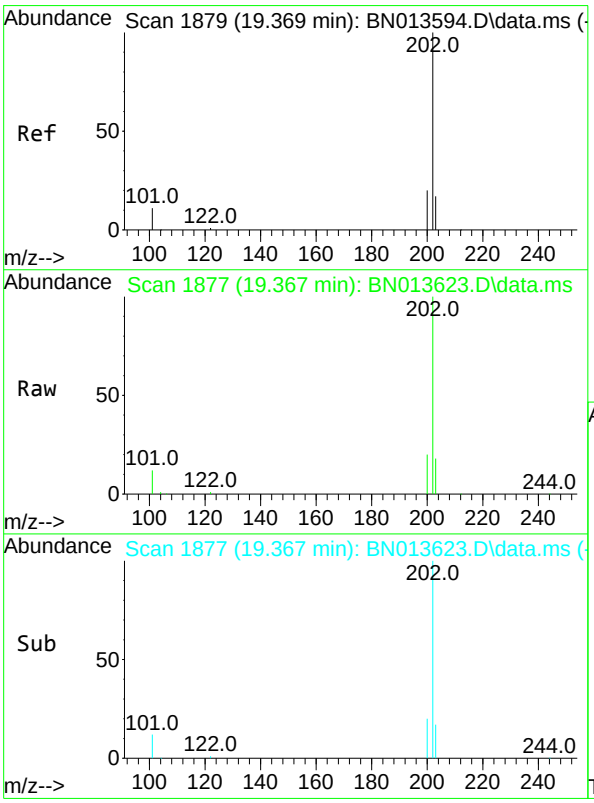


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:240 Resp: 24712

Ion	Ratio	Lower	Upper
240	100		
120	13.2	10.2	15.4
236	26.1	21.3	31.9

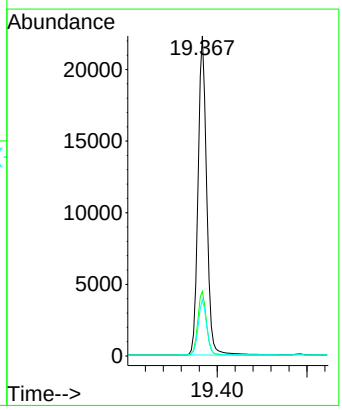




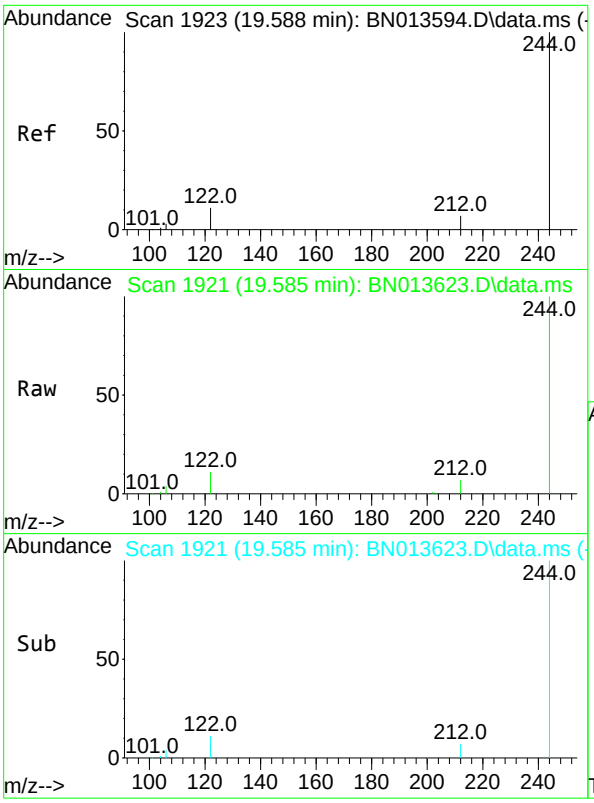
#30
Pyrene
Concen: 0.41 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:202 Resp: 29976

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.2	14.0	21.0



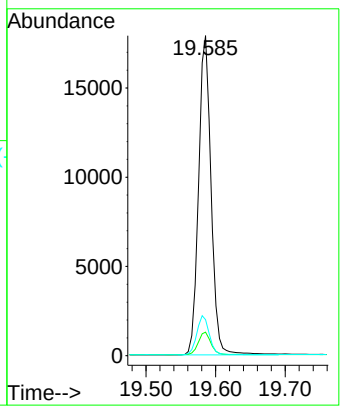
Instrument :
BNA_N
ClientSampleId :
PB134636BS

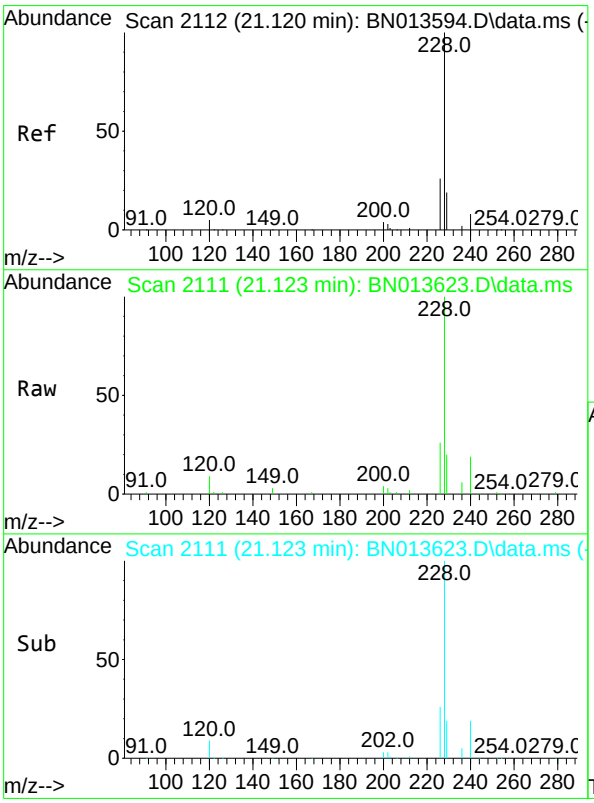


#31
Terphenyl-d14
Concen: 0.41 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:244 Resp: 22306

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.2	9.8	14.8

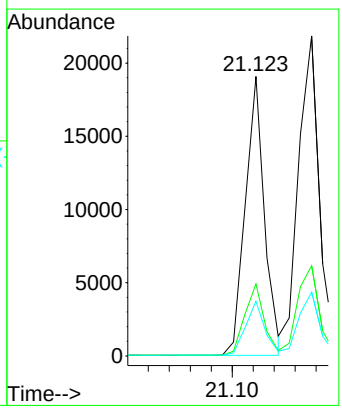


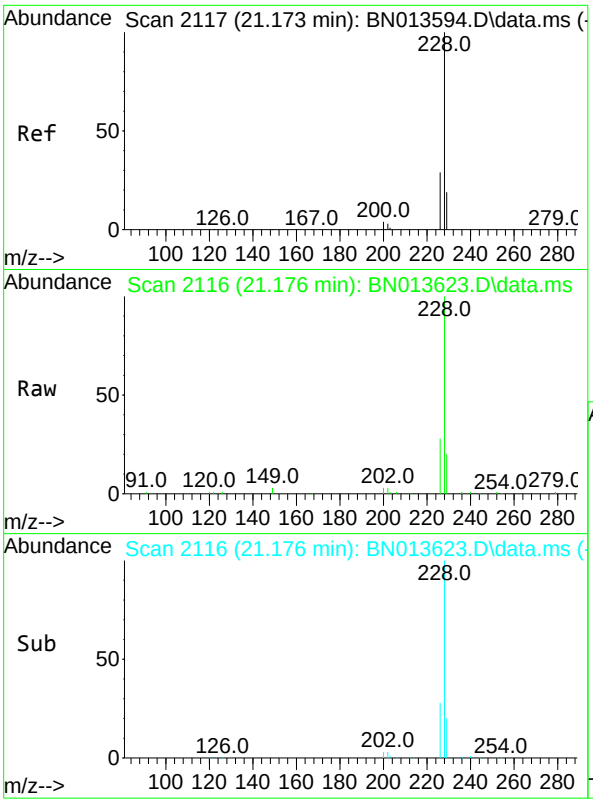


#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:228 Resp: 24115

Ion	Ratio	Lower	Upper
228	100		
226	25.8	20.5	30.7
229	19.6	16.2	24.4

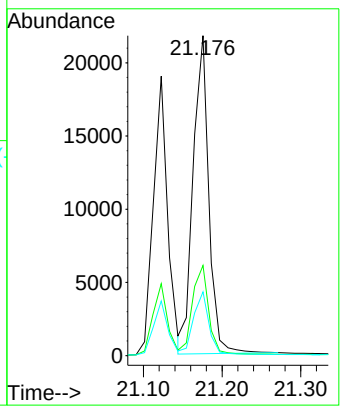




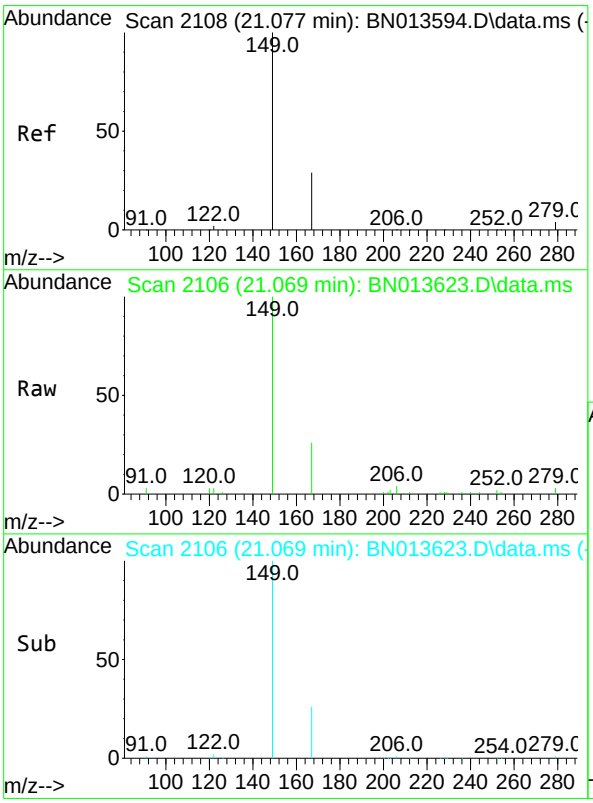
#33
Chrysene
Concen: 0.40 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:228 Resp: 30132

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.3	36.5
229	19.9	15.1	22.7



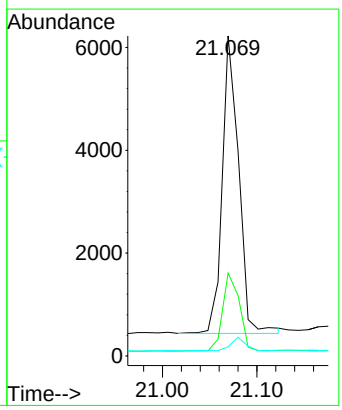
Instrument :
BNA_N
ClientSampleId :
PB134636BS



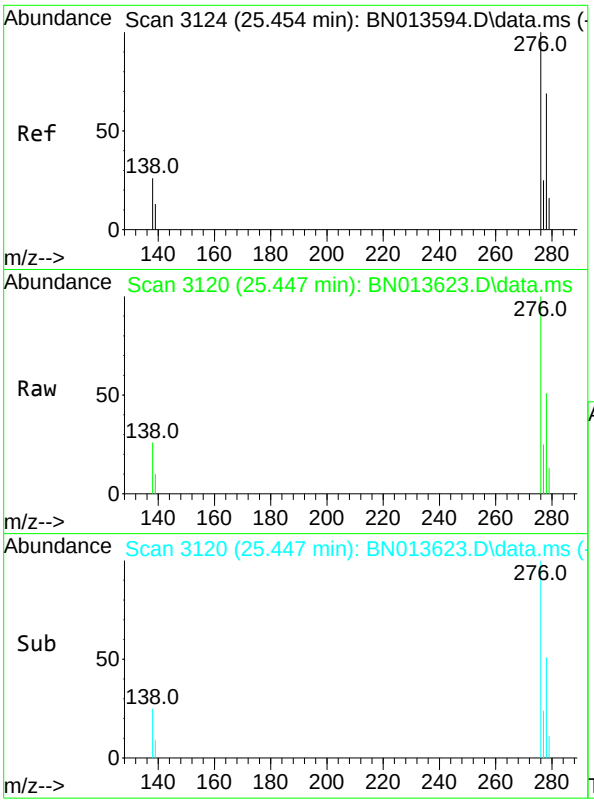
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.36 ng
RT: 21.069 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:149 Resp: 6999

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	4.0	3.5	5.3



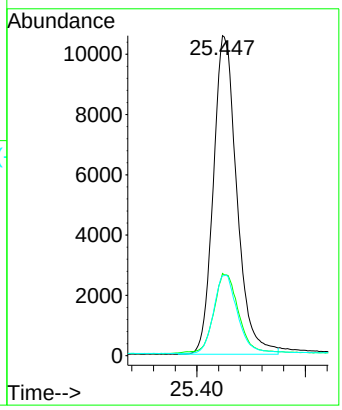
Instrument :
BNA_N
ClientSampleId :
PB134636BS

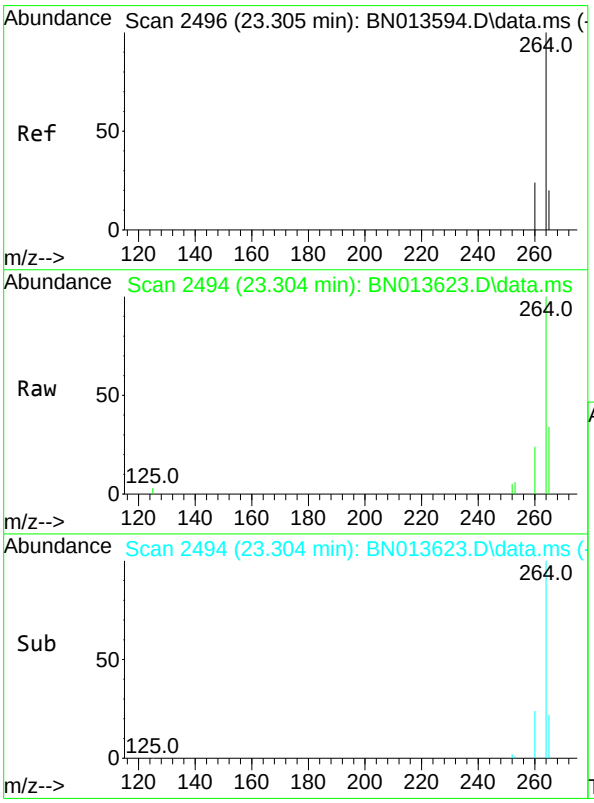


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.447 min Scan# 3120
Delta R.T. -0.007 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:276 Resp: 31753

Ion	Ratio	Lower	Upper
276	100		
138	26.5	19.8	29.6
277	25.1	19.9	29.9

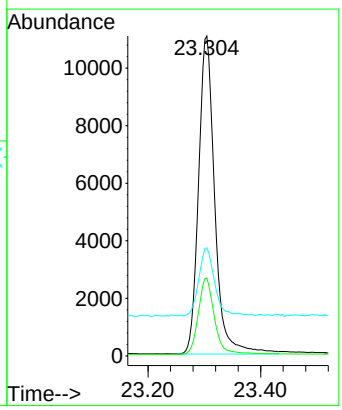




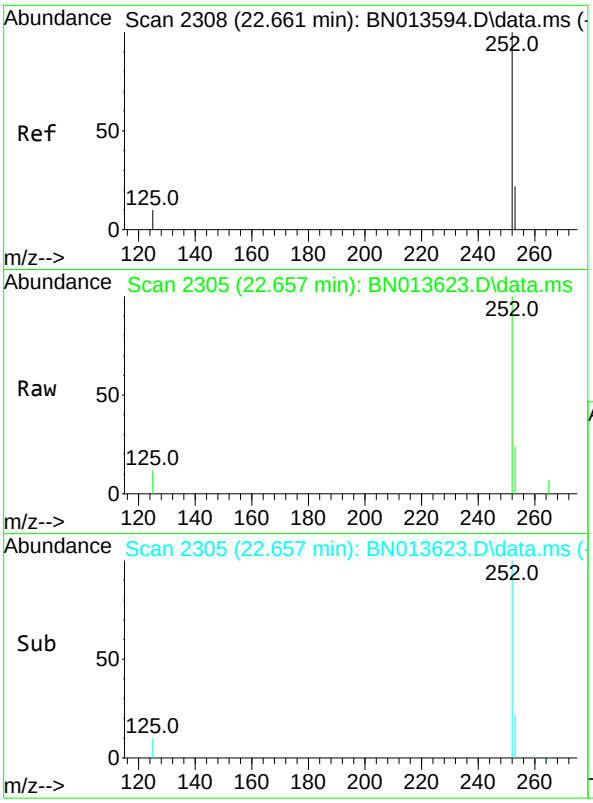
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.304 min Scan# 2494
Delta R.T. -0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:264 Resp: 22179

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	33.8	66.2	99.4#



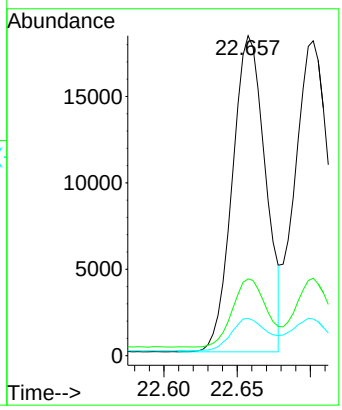
Instrument :
BNA_N
ClientSampleId :
PB134636BS

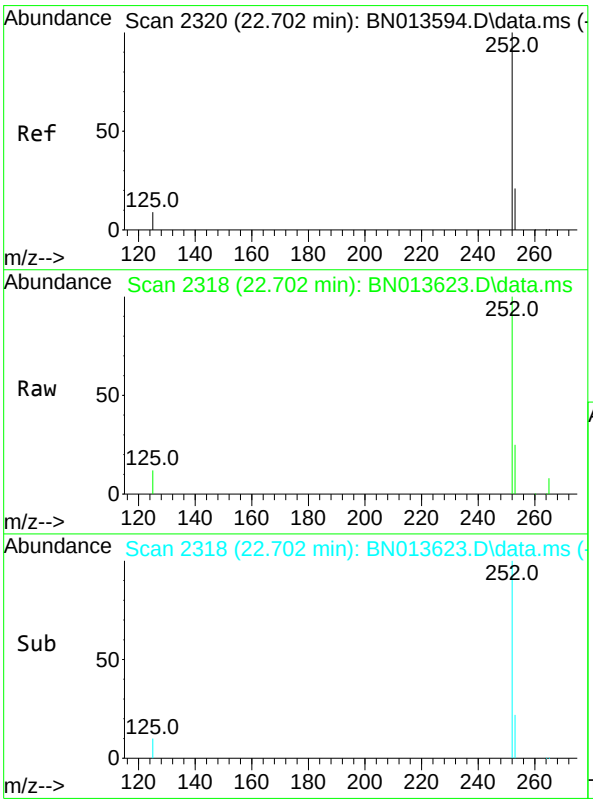


#37
Benzo(b)fluoranthene
Concen: 0.37 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.004 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:252 Resp: 28758

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.4	30.6
125	11.7	11.6	17.4

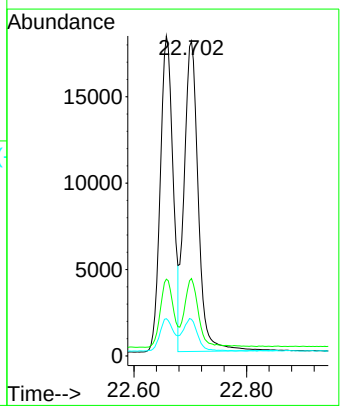




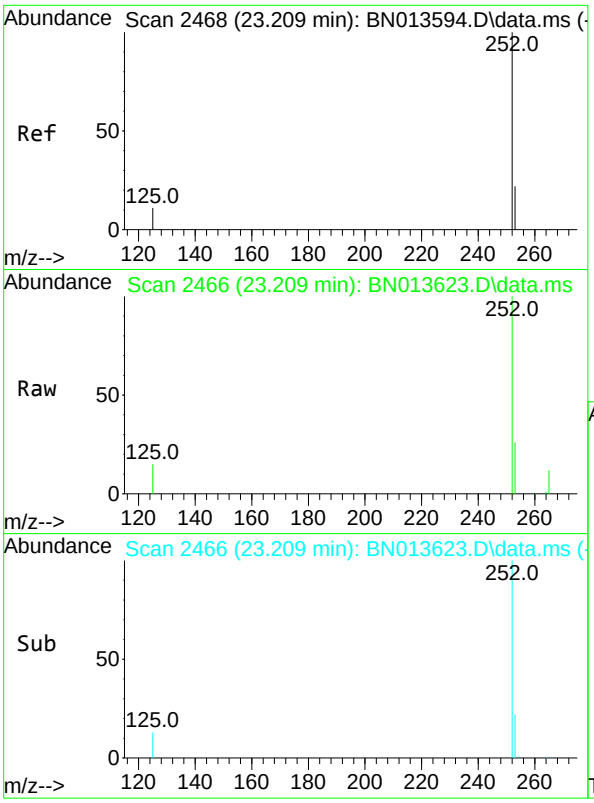
#38
Benzo(k)fluoranthene
Concen: 0.40 ng
RT: 22.702 min Scan# 2318
Delta R.T. -0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:252 Resp: 31006

Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.5	30.7
125	11.7	12.3	18.5#



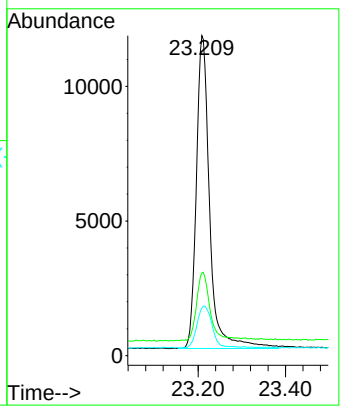
Instrument :
BNA_N
ClientSampleId :
PB134636BS

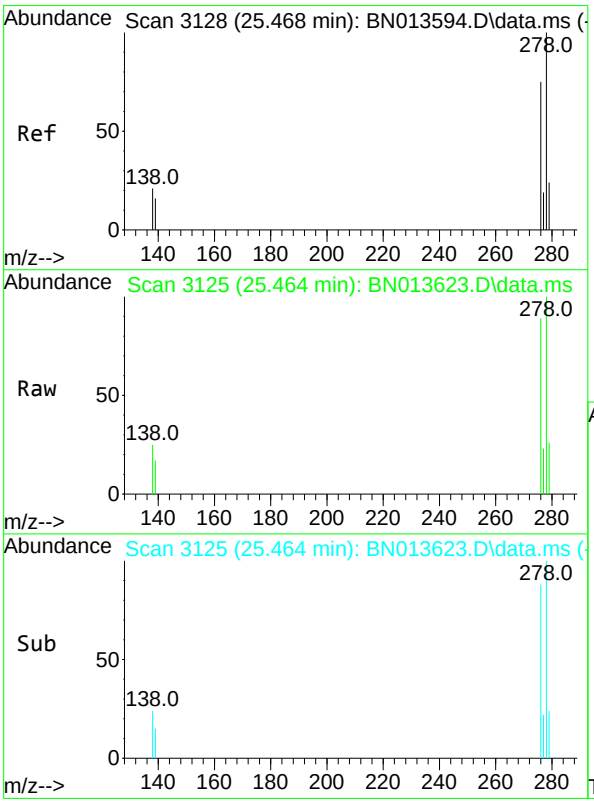


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.209 min Scan# 2466
Delta R.T. -0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:252 Resp: 24660

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.8	32.6
125	14.8	14.6	21.8

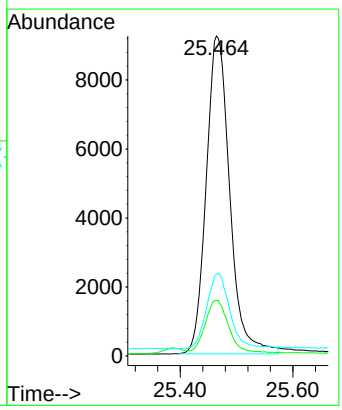


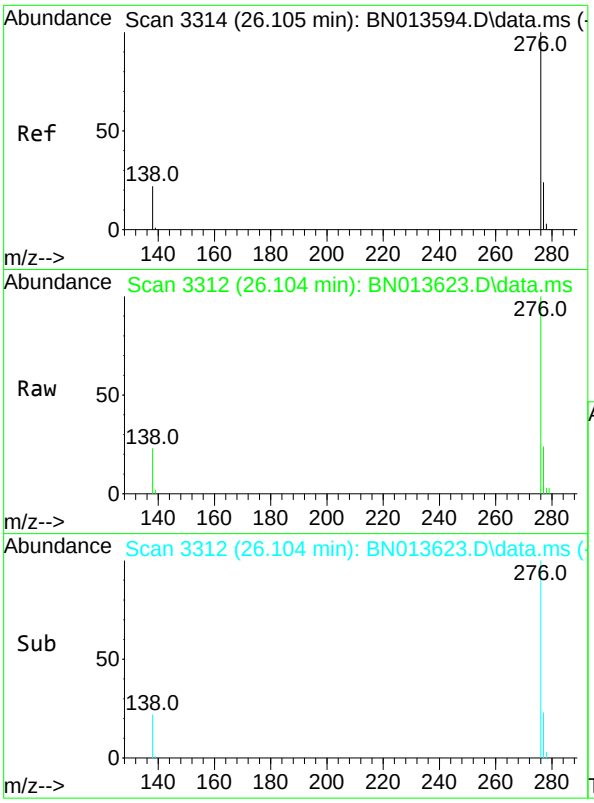


#40
Dibenzo(a,h)anthracene
Concen: 0.38 ng
RT: 25.464 min Scan# 3125
Delta R.T. -0.004 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:278 Resp: 26709

Ion	Ratio	Lower	Upper
278	100		
139	17.3	13.1	19.7
279	25.7	21.4	32.0

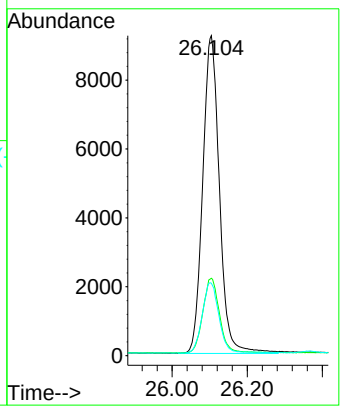




#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.104 min Scan# 3312
Delta R.T. -0.001 min
Lab File: BN013623.D
Acq: 15 Feb 2021 14:34

Tgt Ion:276 Resp: 28568

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.0	30.0
138	22.7	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134636BS