Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013726.D
Acq On : 22 Feb 2021 12:16
Operator : CG/JU
Sample : PB134752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134752BS

Quant Time: Feb 22 12:47:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	4856	0.40	ng		0.00
7) Naphthalene-d8	10.302	136	19842	0.40	ng		0.00
13) Acenaphthene-d10	14.181	164	12038	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	25772	0.40	ng	#	0.00
29) Chrysene-d12	21.144	240	26359	0.40	ng	#	0.01
36) Perylene-d12	23.308	264	25482	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.188	112	5362	0.51	ng		0.00
5) Phenol-d6	6.750	99	6844	0.52	ng		0.02
8) Nitrobenzene-d5	8.680	82	4604	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	11.902	152	12436	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1818	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	16751	0.37	ng		0.00
27) Fluoranthene-d10	18.975	212	28405	0.41	ng		0.00
31) Terphenyl-d14	19.585	244	22751	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.182	88	2239	0.41	ng		93
3) n-Nitrosodimethylamine	3.488	42	1743	0.44	ng	#	86
6) bis(2-Chloroethyl)ether	6.983	93	4867	0.42	ng		99
9) Naphthalene	10.353	128	19507	0.40	ng		99
10) Hexachlorobutadiene	10.644	225	3193	0.39	ng	#	99
12) 2-Methylnaphthalene	11.977	142	13565	0.41	ng		98
16) Acenaphthylene	13.889	152	17639	0.38	ng		100
17) Acenaphthene	14.245	154	12622	0.38	ng		98
18) Fluorene	15.234	166	16242	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	833	0.38	ng	#	69
21) 4-Bromophenyl-phenylether	16.130	248	4802	0.38	ng		99
22) Hexachlorobenzene	16.240	284	5332	0.38	ng		98
23) Atrazine	16.410	200	3363	0.41	ng	#	93
24) Pentachlorophenol	16.593	266	1491	0.56	ng		98
25) Phenanthrene	16.970	178	26865	0.38	ng		99
26) Anthracene	17.067	178	23180	0.40	ng		99
28) Fluoranthene	19.005	202	30697	0.40	ng		99
30) Pyrene	19.367	202	31861	0.40	ng		99
32) Benzo(a)anthracene	21.122	228	30883	0.44	ng		98
33) Chrysene	21.176	228	30798	0.38	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	14904	0.72	ng		98
35) Indeno(1,2,3-cd)pyrene	25.464	276	35609	0.42	ng		99
37) Benzo(b)fluoranthene	22.664	252	32213	0.36	ng		96
38) Benzo(k)fluoranthene	22.705	252	31817	0.36	ng		96
39) Benzo(a)pyrene	23.215	252	29706	0.40	ng	#	88
40) Dibenzo(a,h)anthracene	25.474	278	30051	0.37	ng	#	94
41) Benzo(g,h,i)perylene	26.114	276	30653	0.36	ng		98

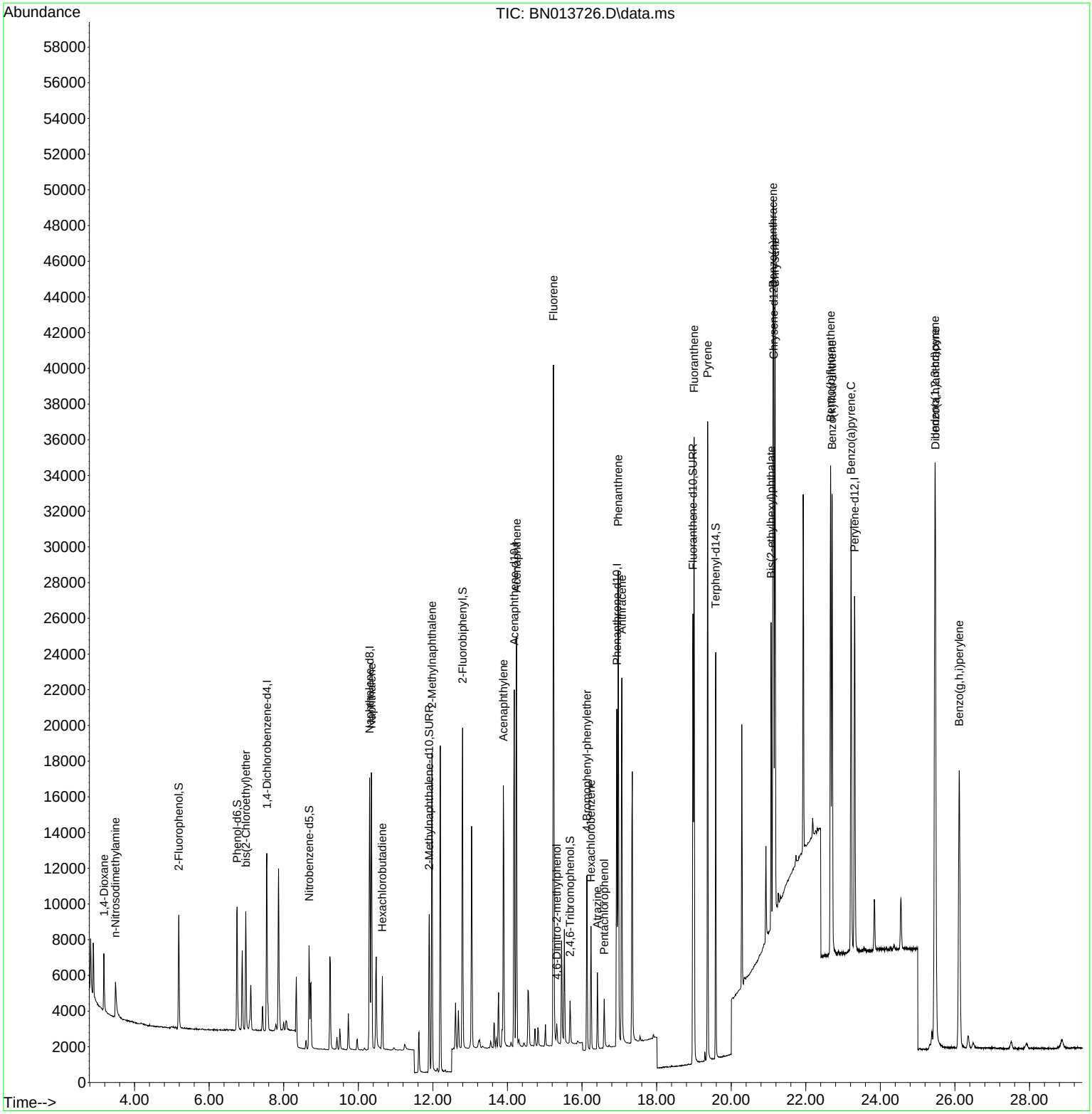
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

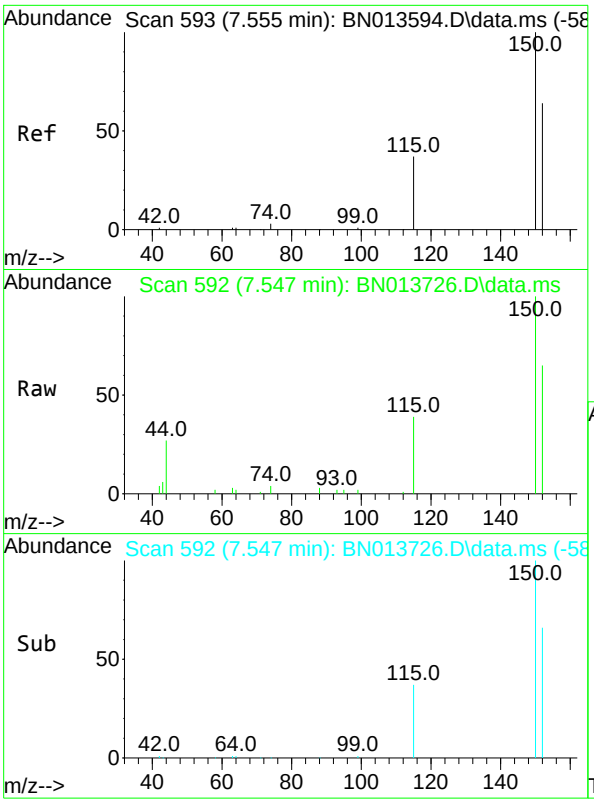
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022221\
Data File : BN013726.D
Acq On : 22 Feb 2021 12:16
Operator : CG/JU
Sample : PB134752BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134752BS

Quant Time: Feb 22 12:47:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN020821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 18 10:50:10 2021
Response via : Initial Calibration



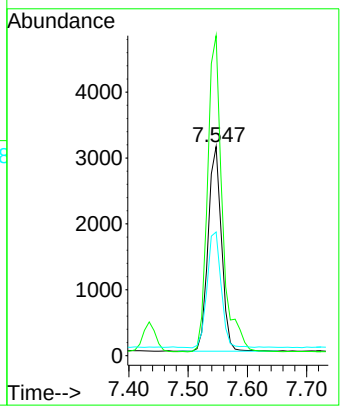
Instrument :
BNA_N
ClientSampleId :
PB134752BS

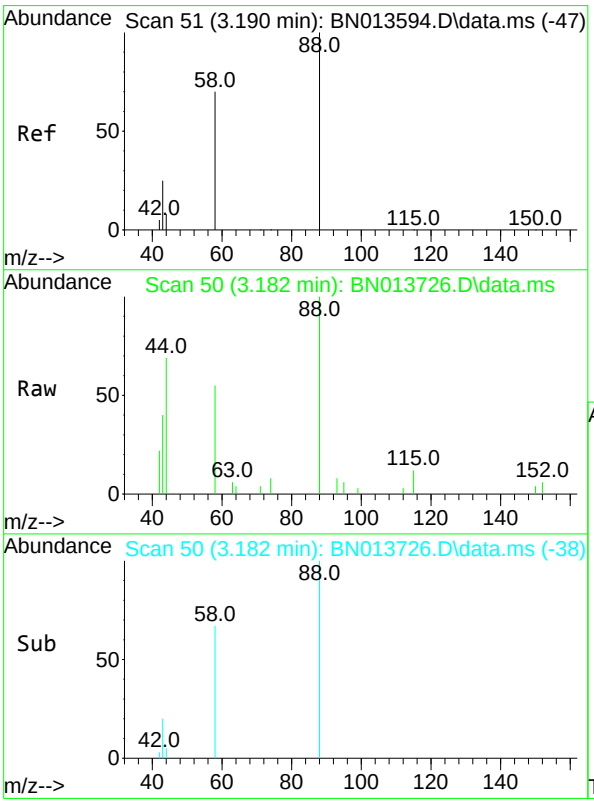


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:152 Resp: 4856

Ion	Ratio	Lower	Upper
152	100		
150	153.0	121.8	182.8
115	59.1	46.6	69.8

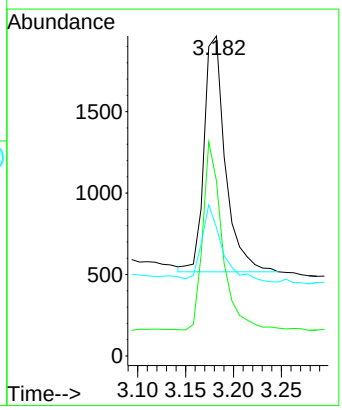




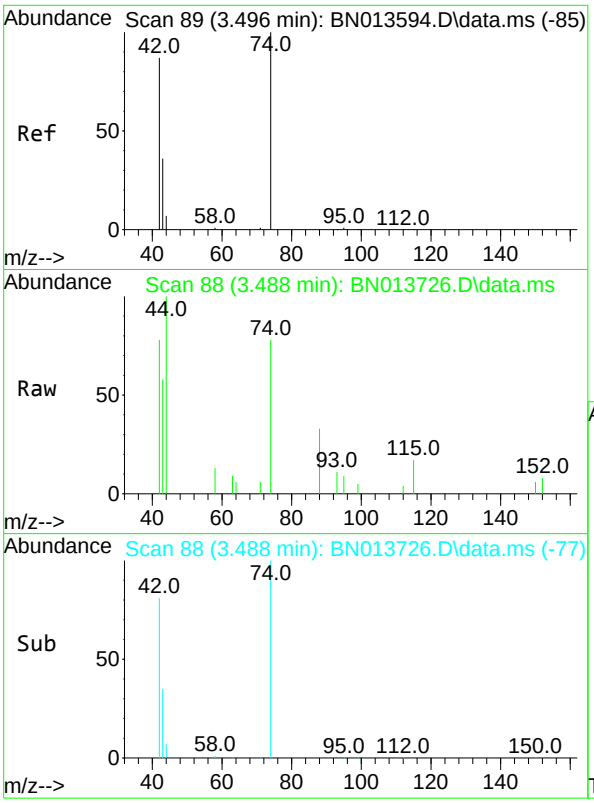
#2
1,4-Dioxane
Concen: 0.41 ng
RT: 3.182 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion: 88 Resp: 2239

Ion	Ratio	Lower	Upper
88	100		
58	72.6	64.6	96.8
43	31.5	26.6	40.0



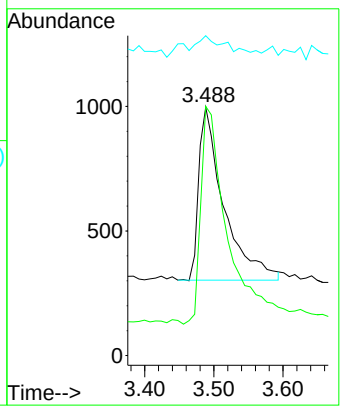
Instrument :
BNA_N
ClientSampleId :
PB134752BS

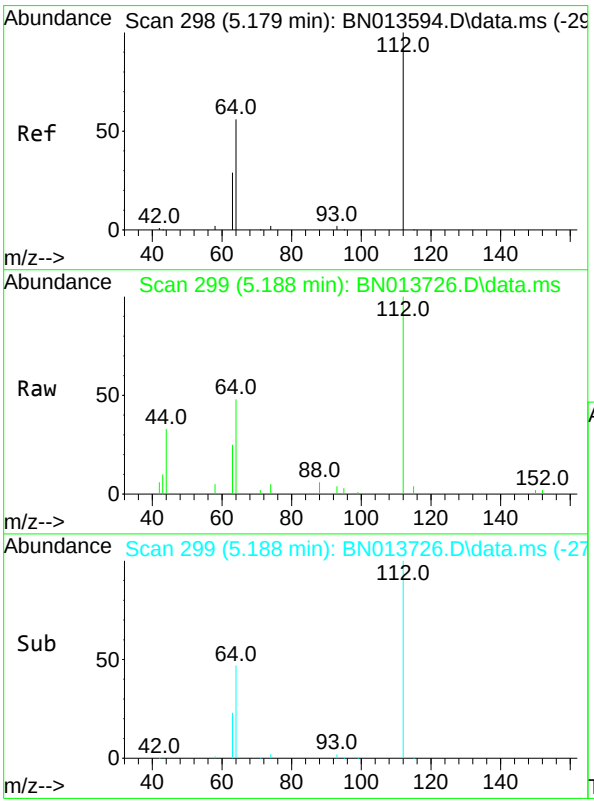


#3
n-Nitrosodimethylamine
Concen: 0.44 ng
RT: 3.488 min Scan# 88
Delta R.T. -0.008 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion: 42 Resp: 1743

Ion	Ratio	Lower	Upper
42	100		
74	134.5	95.0	142.6
44	13.8	5.8	8.8#

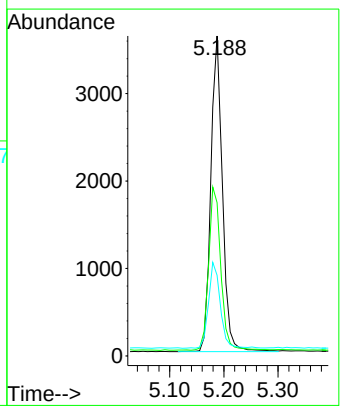




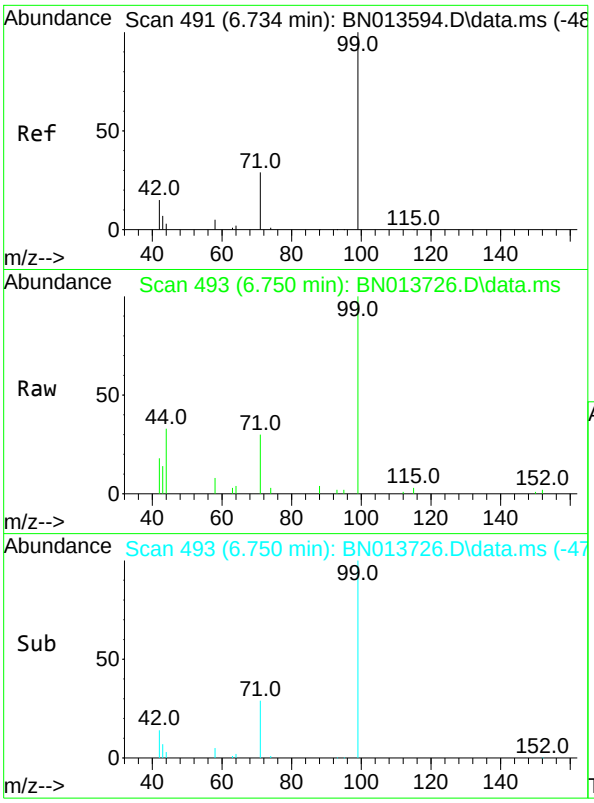
#4
2-Fluorophenol
Concen: 0.51 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:112 Resp: 5362

Ion	Ratio	Lower	Upper
112	100		
64	54.3	44.3	66.5
63	27.5	23.0	34.6



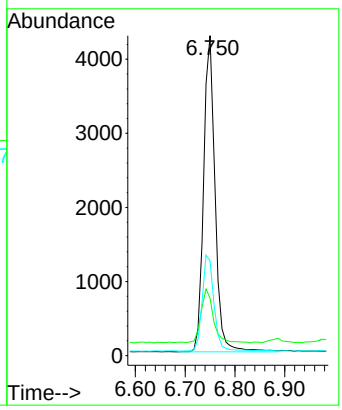
Instrument :
BNA_N
ClientSampleId :
PB134752BS

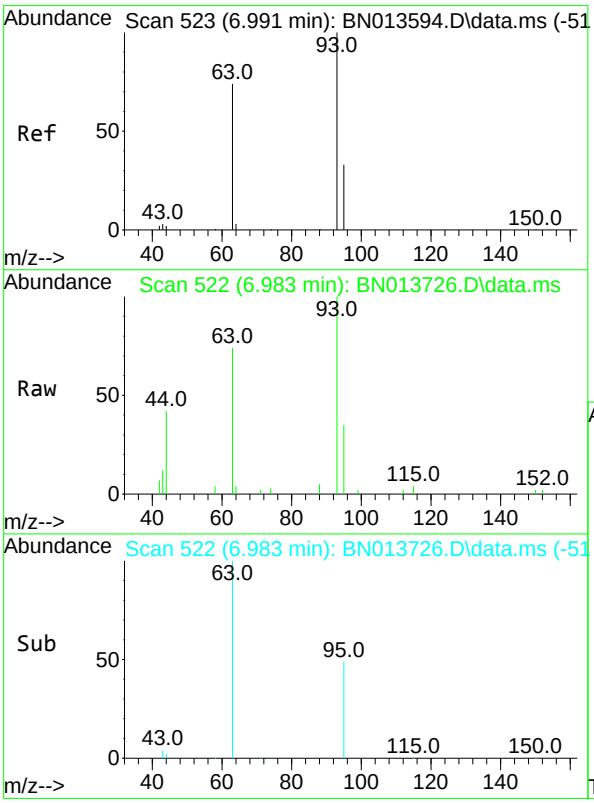


#5
Phenol-d6
Concen: 0.52 ng
RT: 6.750 min Scan# 493
Delta R.T. 0.024 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion: 99 Resp: 6844

Ion	Ratio	Lower	Upper
99	100		
42	18.2	15.2	22.8
71	31.2	26.1	39.1

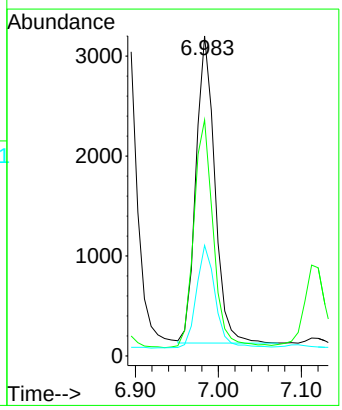




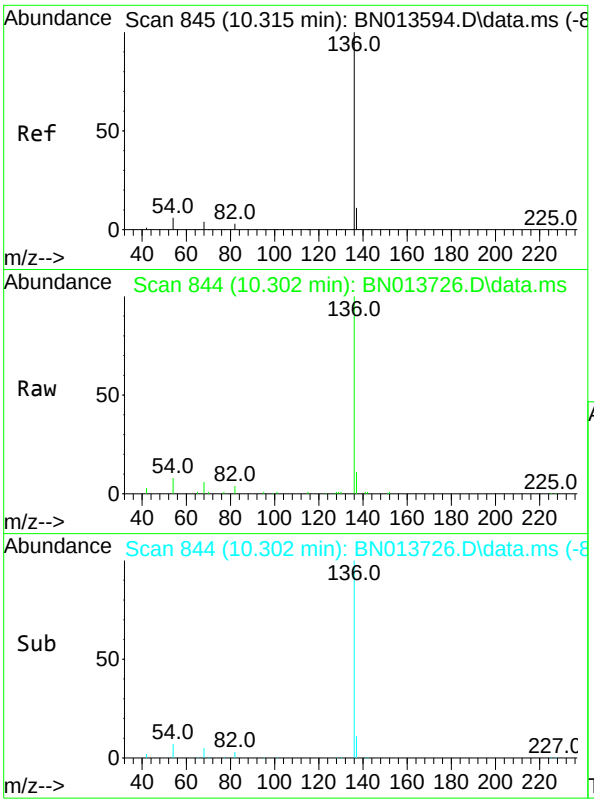
#6
bis(2-Chloroethyl)ether
Concen: 0.42 ng
RT: 6.983 min Scan# 522
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion: 93 Resp: 4867

Ion	Ratio	Lower	Upper
93	100		
63	76.6	60.8	91.2
95	33.5	26.0	39.0



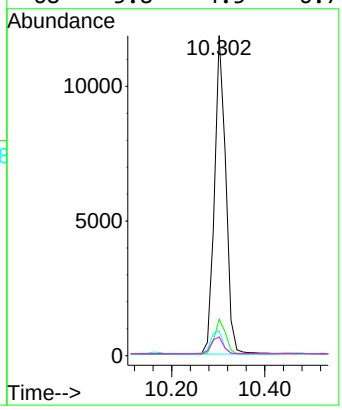
Instrument :
BNA_N
ClientSampleId :
PB134752BS

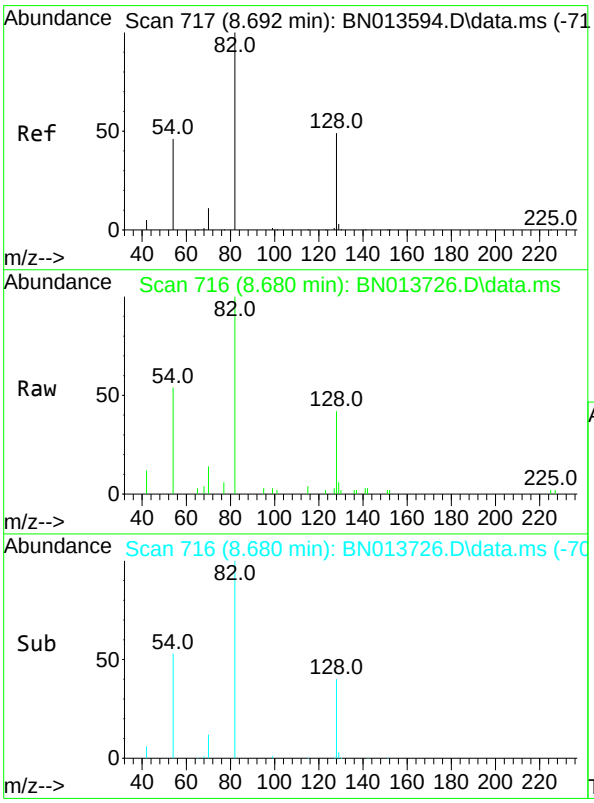


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.302 min Scan# 844
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:136 Resp: 19842

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.7	6.4	9.6
68	5.8	4.5	6.7

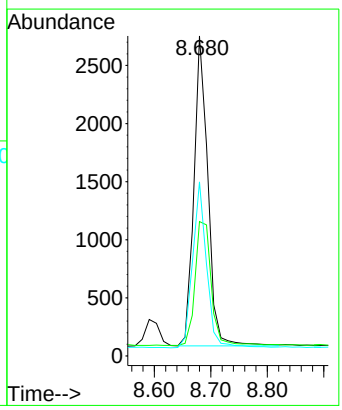




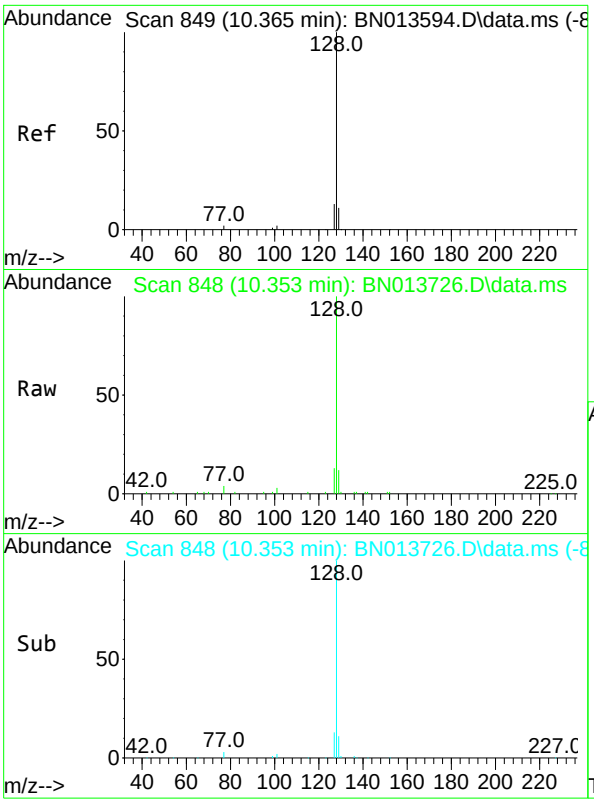
#8
Nitrobenzene-d5
Concen: 0.42 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion: 82 Resp: 4604

Ion	Ratio	Lower	Upper
82	100		
128	42.0	39.2	58.8
54	54.4	40.1	60.1



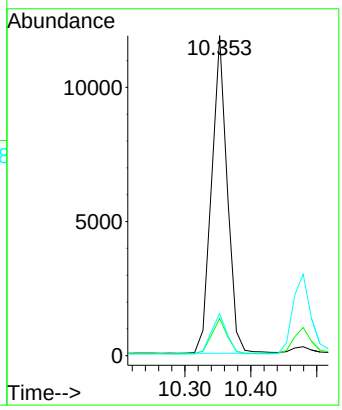
Instrument :
BNA_N
ClientSampleId :
PB134752BS

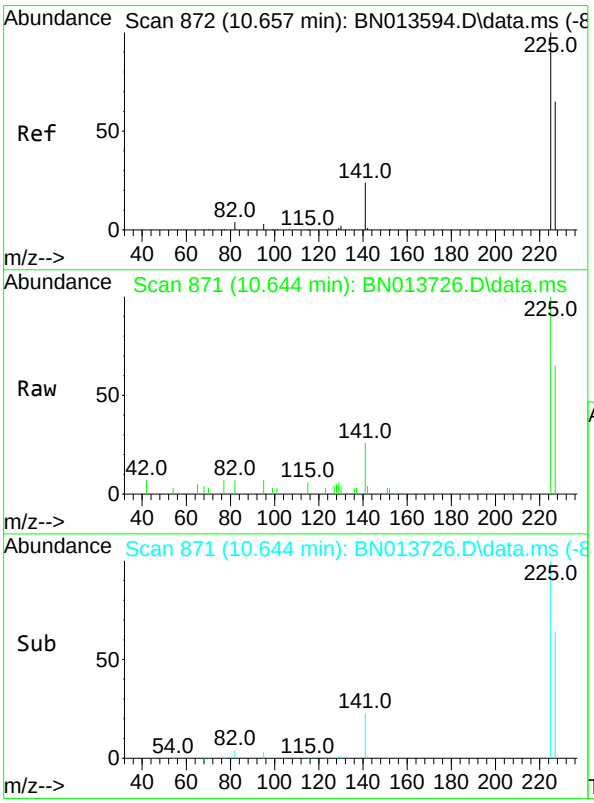


#9
Naphthalene
Concen: 0.40 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:128 Resp: 19507

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.2	10.4	15.6

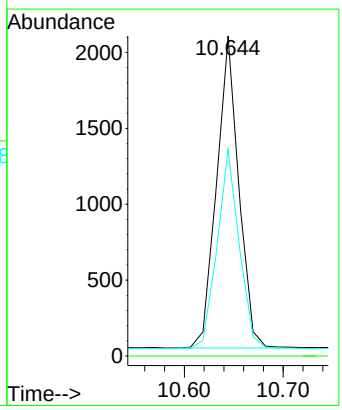


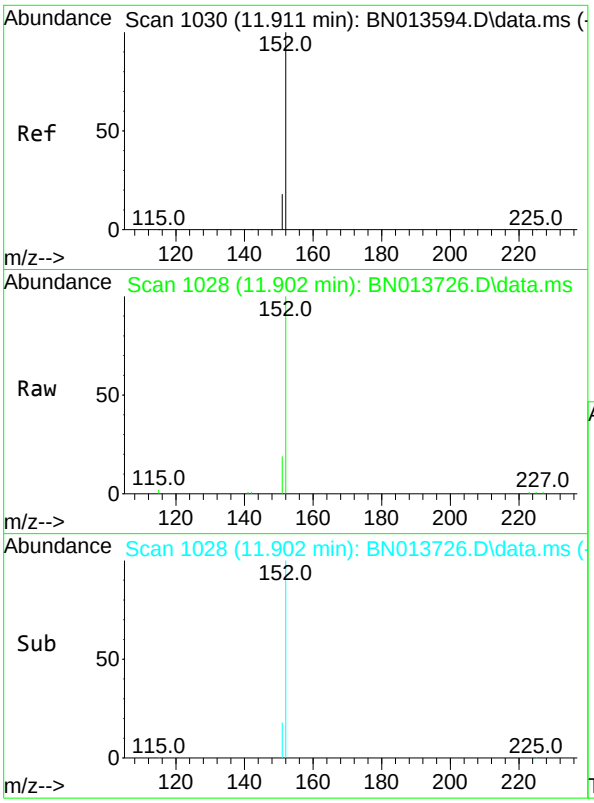


#10
Hexachlorobutadiene
Concen: 0.39 ng
RT: 10.644 min Scan# 871
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:225 Resp: 3193

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.4	51.2	76.8

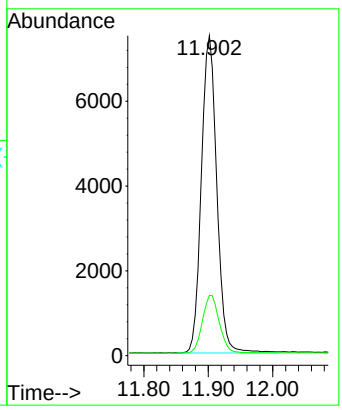




#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 11.902 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:152 Resp: 12436

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



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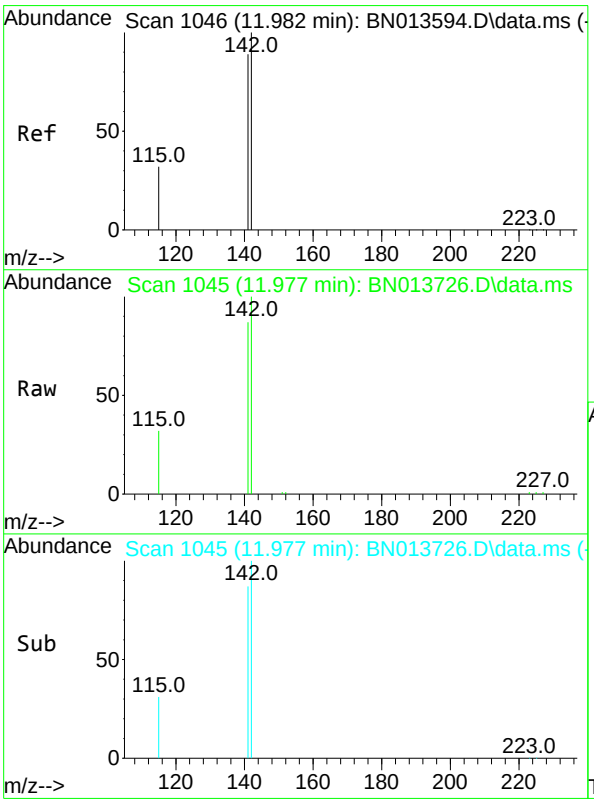
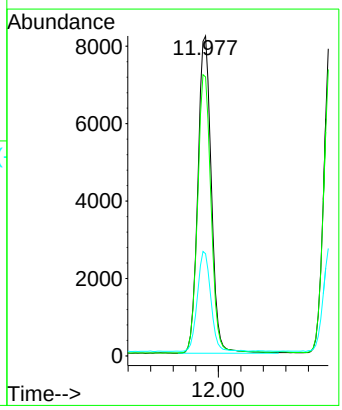


#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 11.977 min Scan# 1045
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:142 Resp: 13565

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.5	105.7
115	32.0	27.4	41.0



Instrument :
BNA_N
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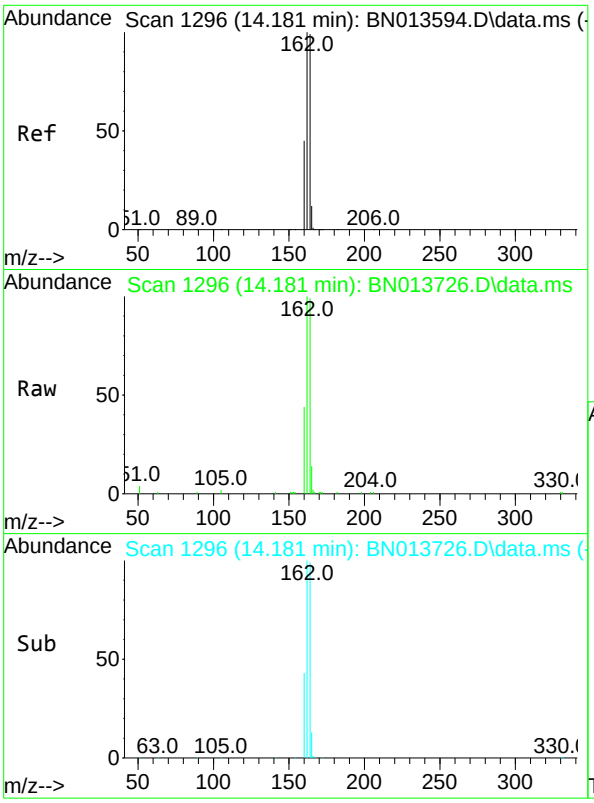
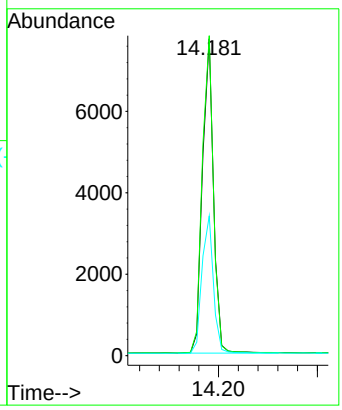
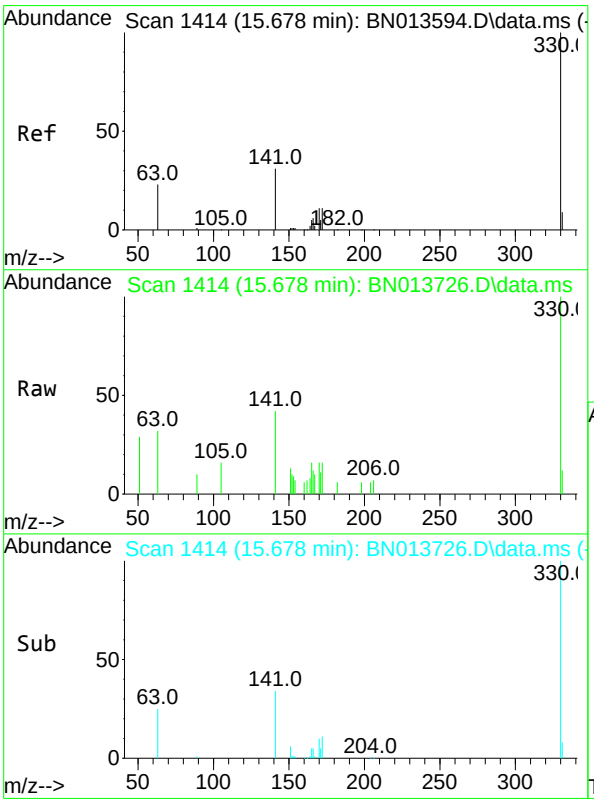


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:164 Resp: 12038

Ion	Ratio	Lower	Upper
164	100		
162	101.0	79.6	119.4
160	44.1	36.0	54.0

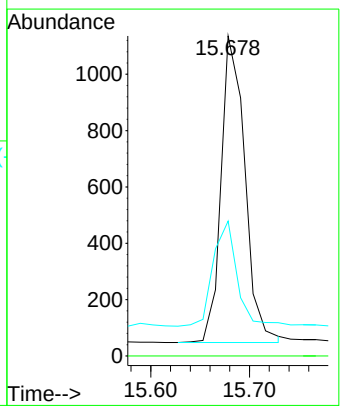




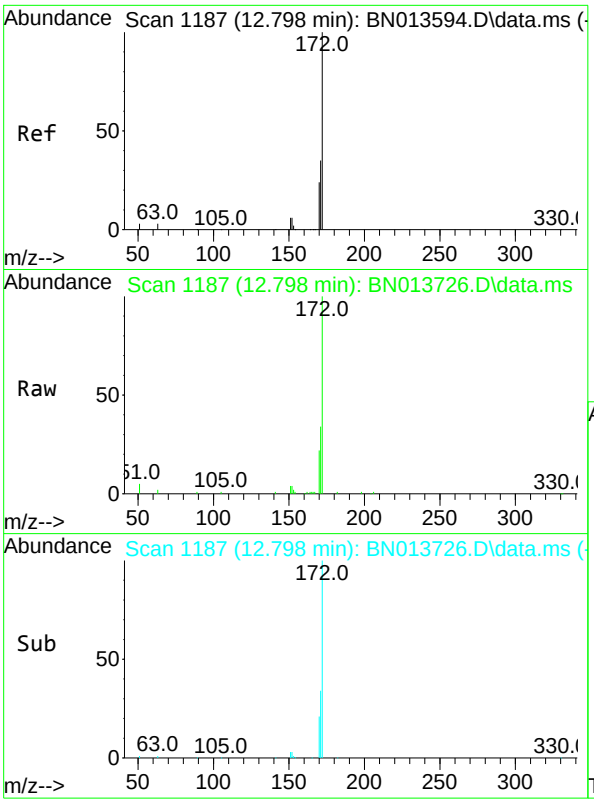
#14
2,4,6-Tribromophenol
Concen: 0.53 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:330 Resp: 1818

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.3	26.8	40.2



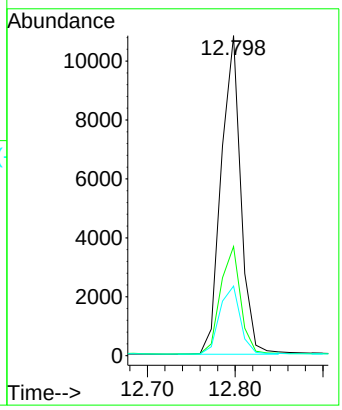
Instrument :
BNA_N
ClientSampleId :
PB134752BS

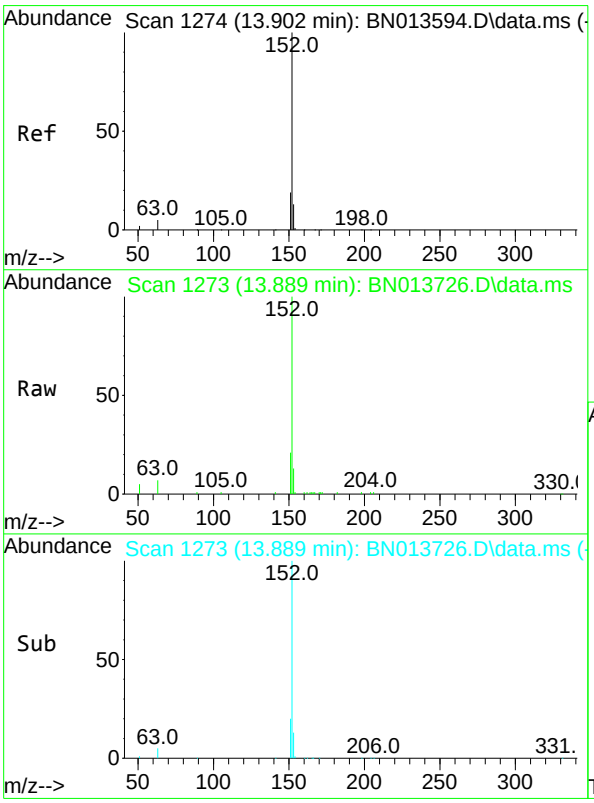


#15
2-Fluorobiphenyl
Concen: 0.37 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:172 Resp: 16751

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.6	42.8
170	21.7	18.9	28.3

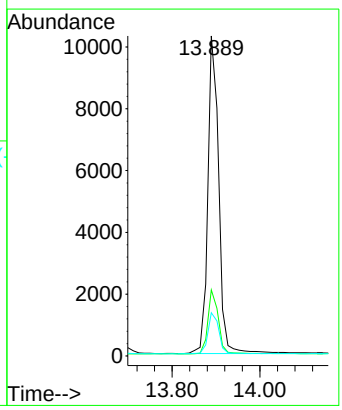




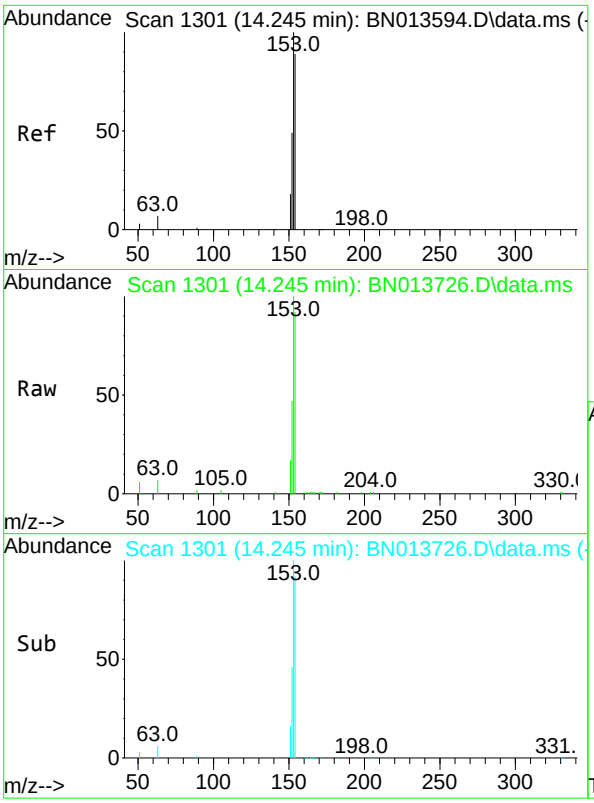
#16
Acenaphthylene
Concen: 0.38 ng
RT: 13.889 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:152 Resp: 17639

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.3	10.5	15.7



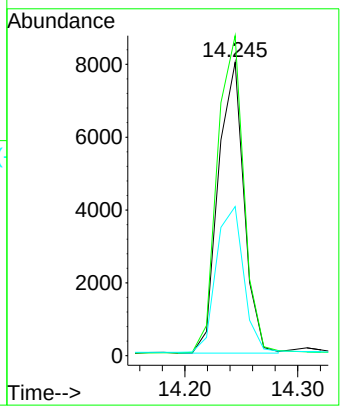
Instrument :
BNA_N
ClientSampleId :
PB134752BS

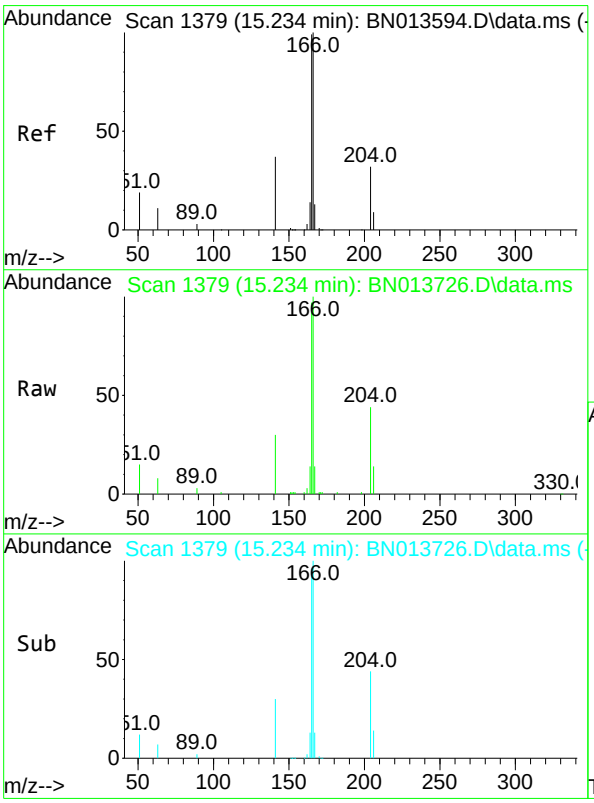


#17
Acenaphthene
Concen: 0.38 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:154 Resp: 12622

Ion	Ratio	Lower	Upper
154	100		
153	113.3	88.4	132.6
152	54.0	43.0	64.4

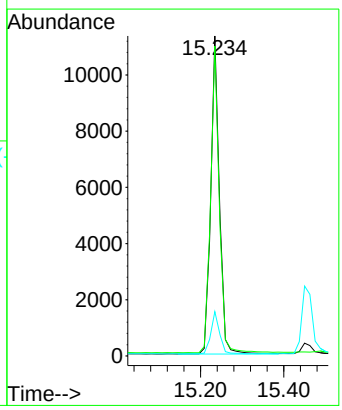


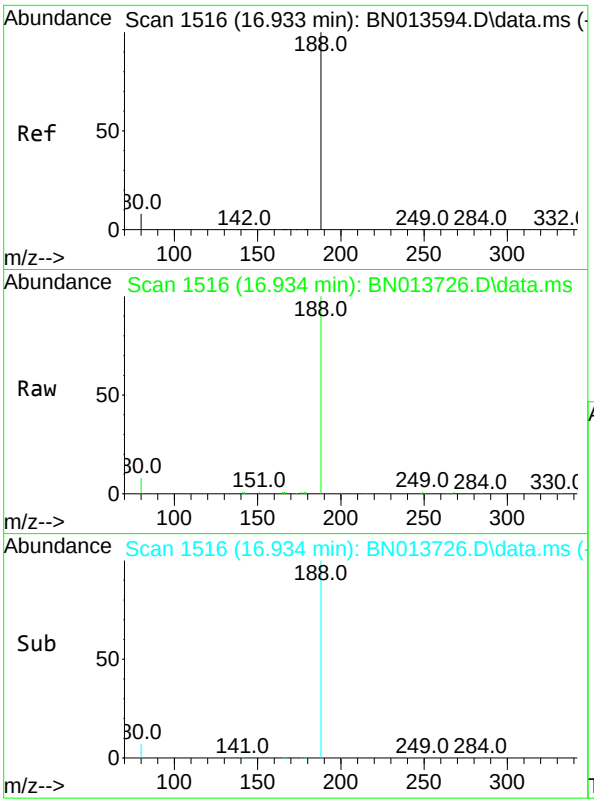


#18
Fluorene
Concen: 0.39 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:166 Resp: 16242

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.7	10.6	16.0

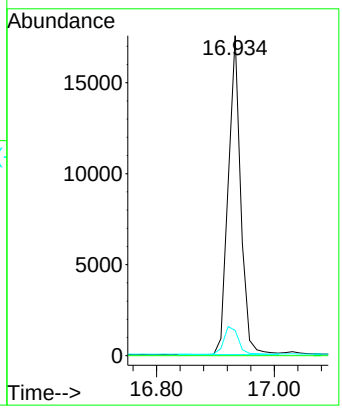




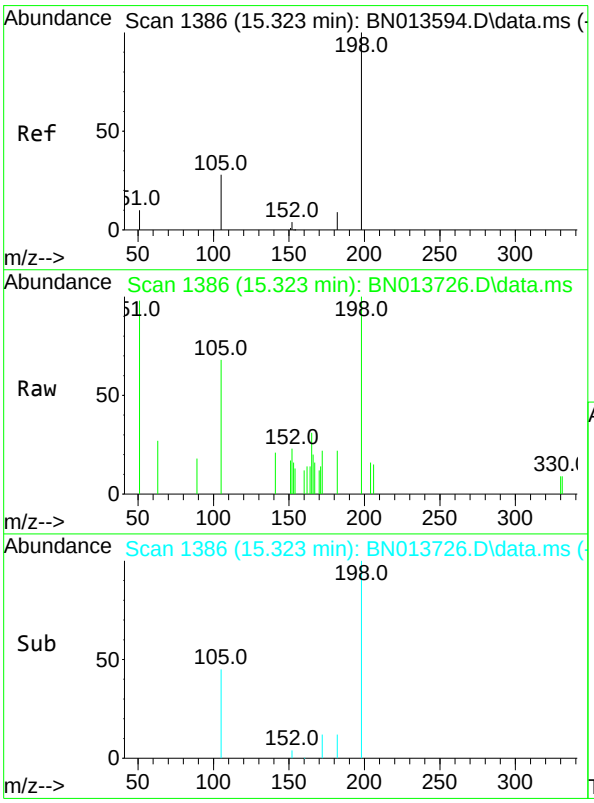
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:188 Resp: 25772

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.9	9.0	13.6#



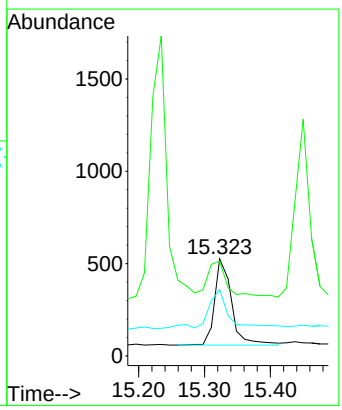
Instrument :
BNA_N
ClientSampleId :
PB134752BS



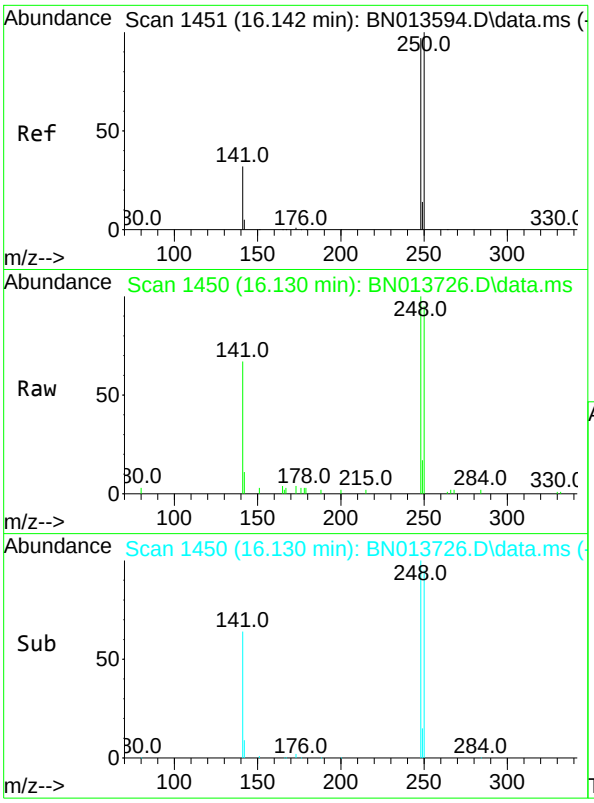
#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:198 Resp: 833

Ion	Ratio	Lower	Upper
198	100		
51	97.7	61.7	92.5#
105	68.4	33.0	49.6#



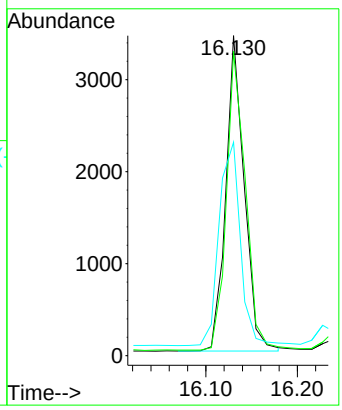
Instrument :
BNA_N
ClientSampleId :
PB134752BS

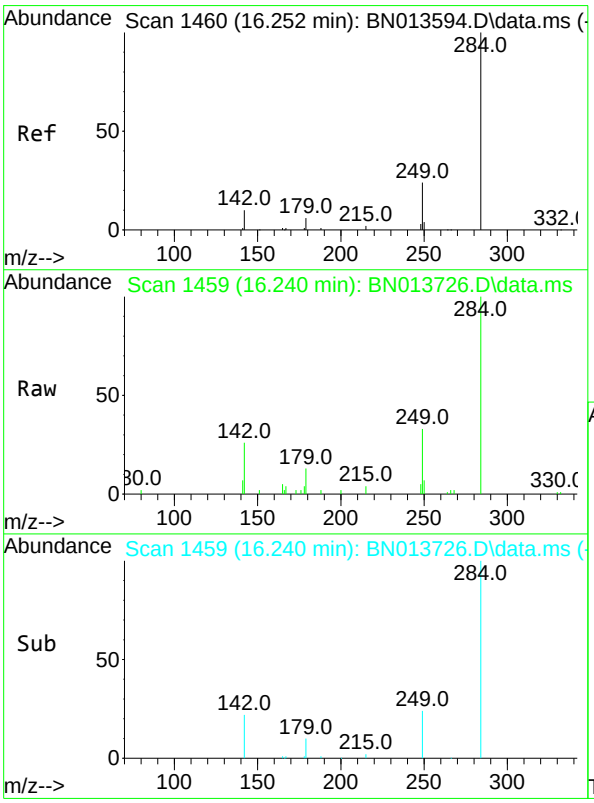


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.130 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:248 Resp: 4802

Ion	Ratio	Lower	Upper
248	100		
250	95.0	75.5	113.3
141	66.7	53.8	80.8

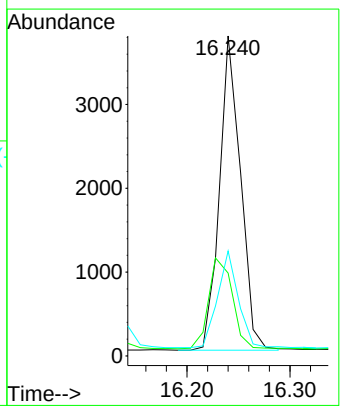




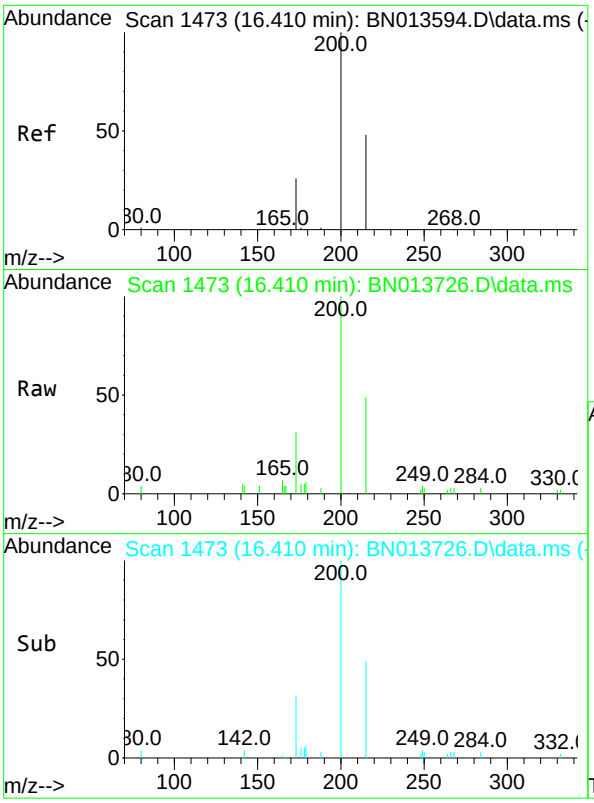
#22
Hexachlorobenzene
Concen: 0.38 ng
RT: 16.240 min Scan# 1459
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:284 Resp: 5332

Ion	Ratio	Lower	Upper
284	100		
142	32.5	27.9	41.9
249	30.1	24.2	36.2



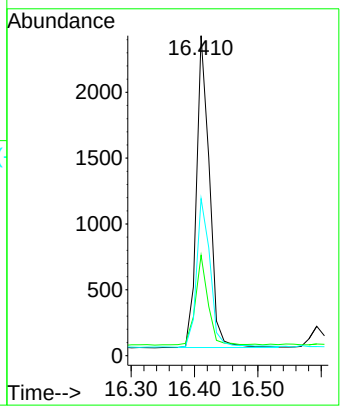
Instrument :
BNA_N
ClientSampleId :
PB134752BS

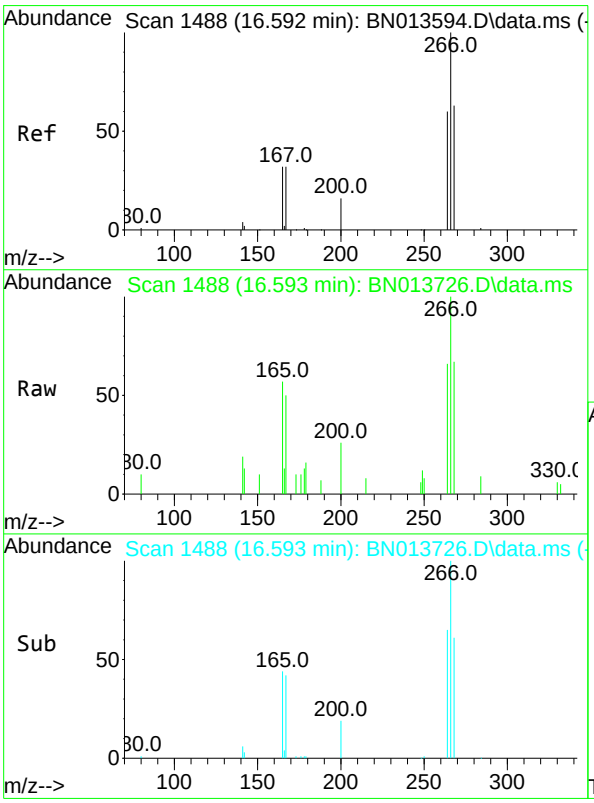


#23
Atrazine
Concen: 0.41 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:200 Resp: 3363

Ion	Ratio	Lower	Upper
200	100		
173	31.4	18.6	28.0#
215	49.1	41.0	61.6

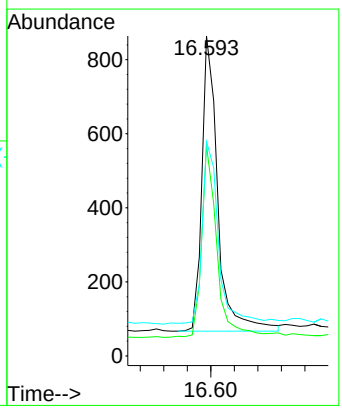




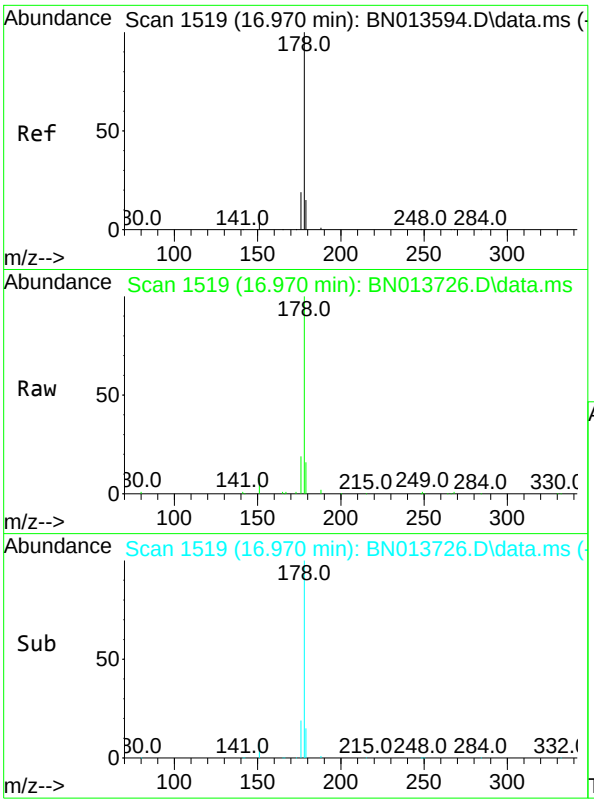
#24
Pentachlorophenol
Concen: 0.56 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.012 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:266 Resp: 1491

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.6	77.4
268	65.1	54.6	82.0



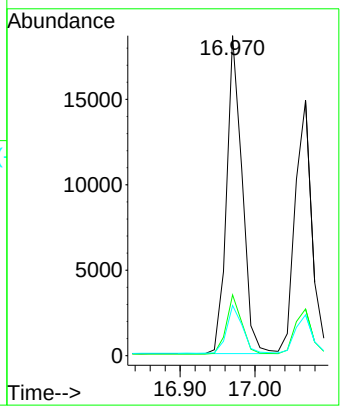
Instrument :
BNA_N
ClientSampleId :
PB134752BS

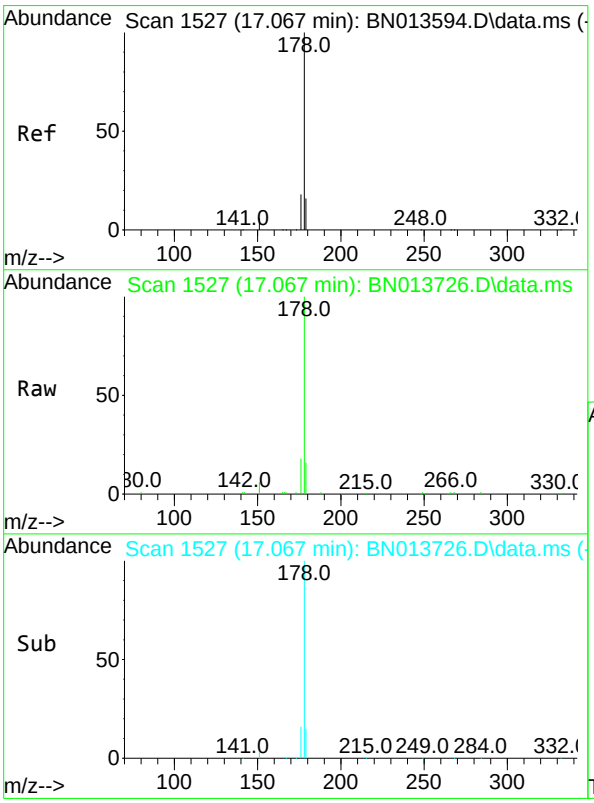


#25
Phenanthrene
Concen: 0.38 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:178 Resp: 26865

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	15.7	12.3	18.5

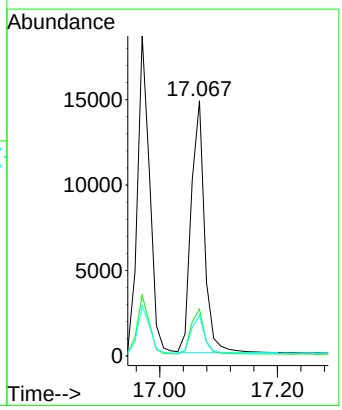




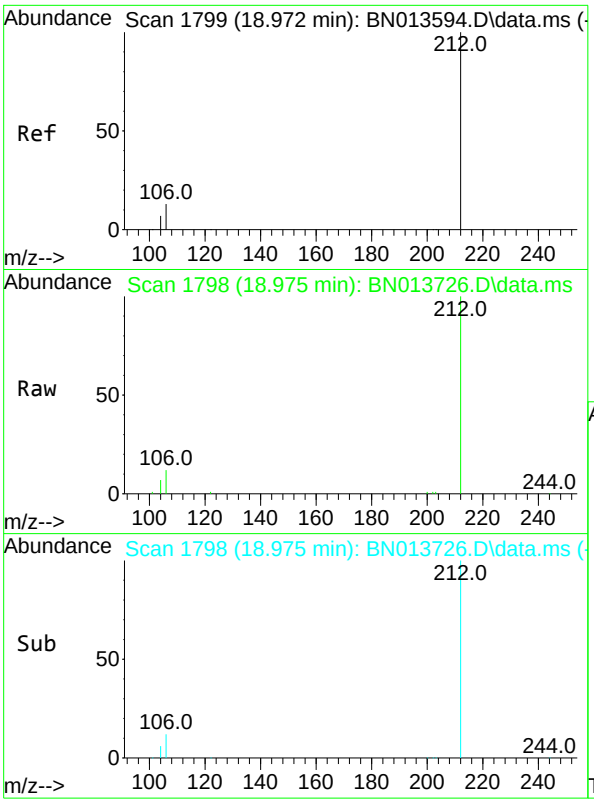
#26
Anthracene
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.012 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:178 Resp: 23180

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.4	12.2	18.2



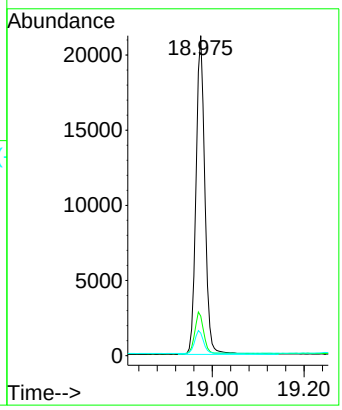
Instrument :
BNA_N
ClientSampleId :
PB134752BS

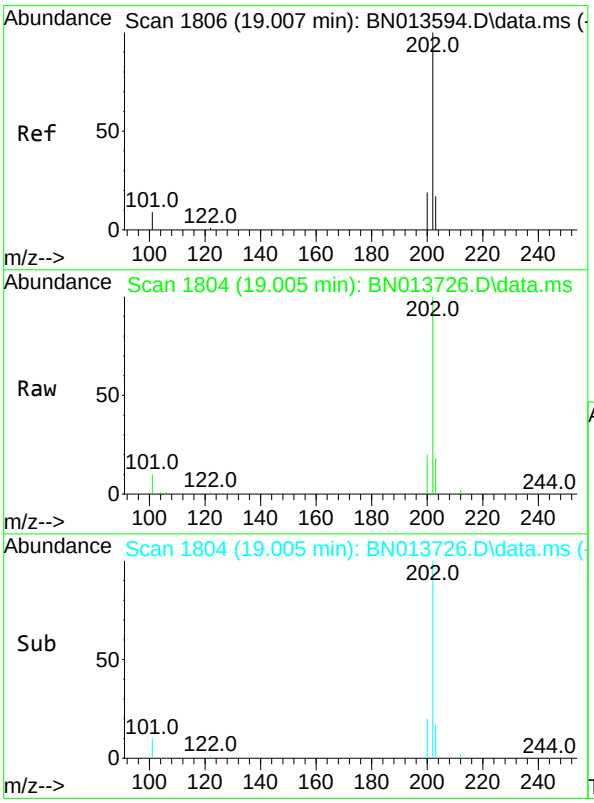


#27
Fluoranthene-d10
Concen: 0.41 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:212 Resp: 28405

Ion	Ratio	Lower	Upper
212	100		
106	13.1	9.7	14.5
104	7.2	5.5	8.3

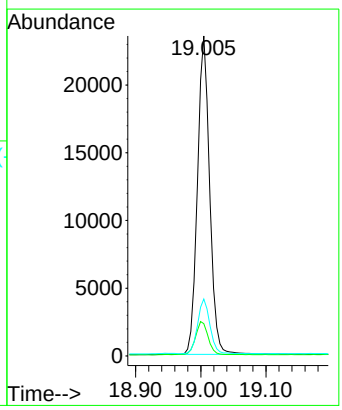




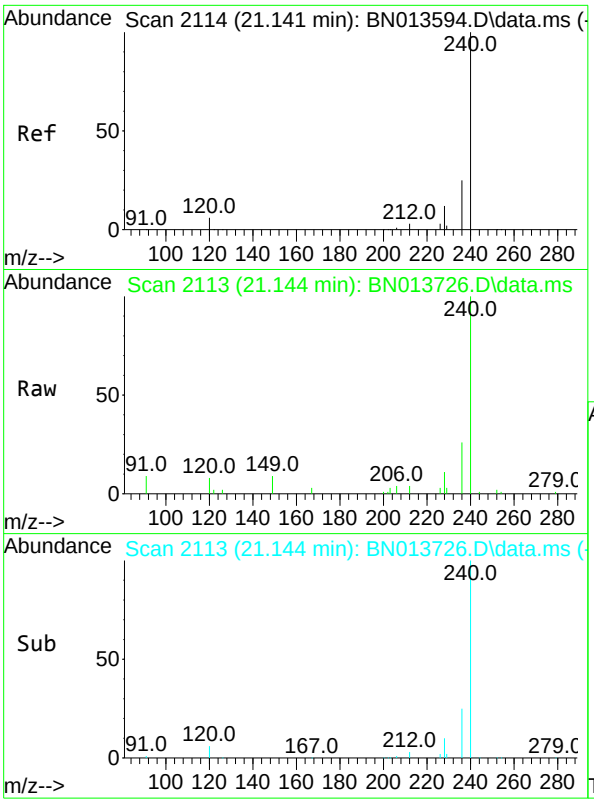
#28
Fluoranthene
Concen: 0.40 ng
RT: 19.005 min Scan# 1804
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:202 Resp: 30697

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	17.1	13.9	20.9



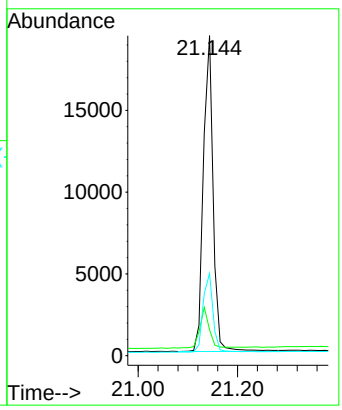
Instrument :
BNA_N
ClientSampleId :
PB134752BS

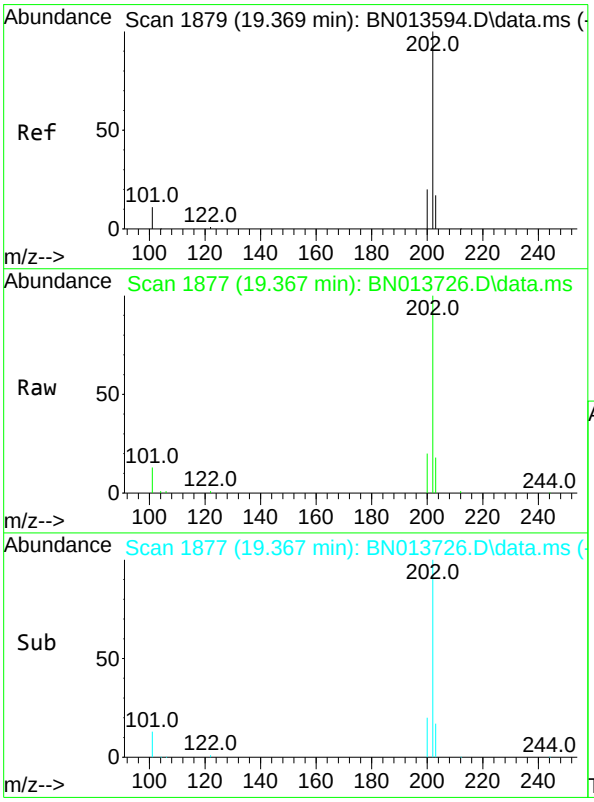


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.144 min Scan# 2113
Delta R.T. 0.013 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:240 Resp: 26359

Ion	Ratio	Lower	Upper
240	100		
120	8.1	10.2	15.4#
236	25.7	21.3	31.9

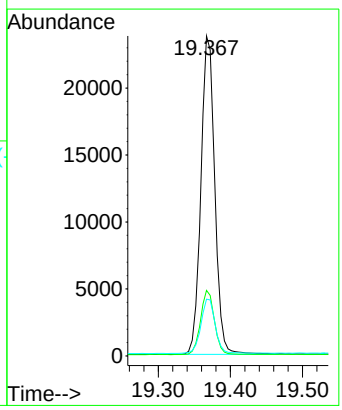




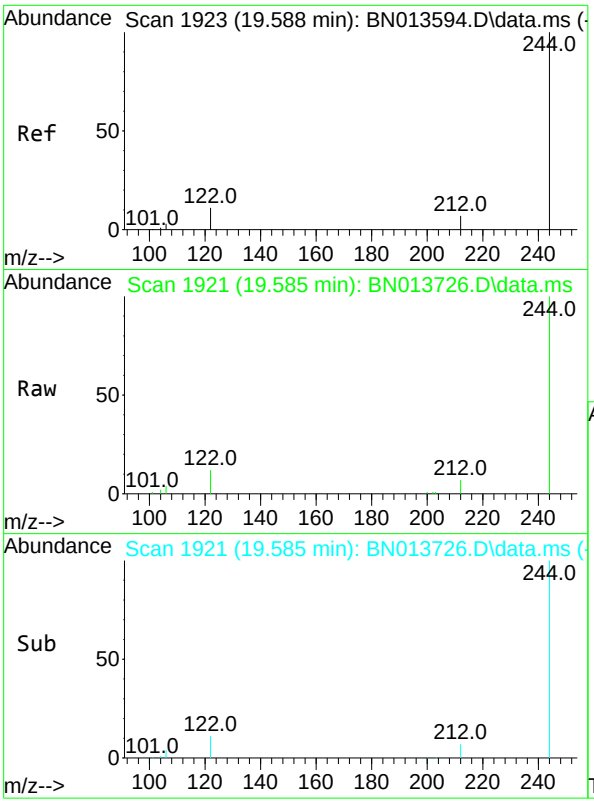
#30
Pyrene
Concen: 0.40 ng
RT: 19.367 min Scan# 1877
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:202 Resp: 31861

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.3	24.5
203	17.7	14.0	21.0



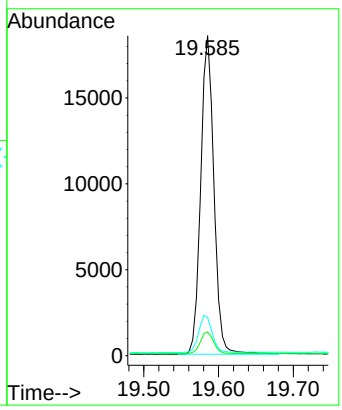
Instrument :
BNA_N
ClientSampleId :
PB134752BS

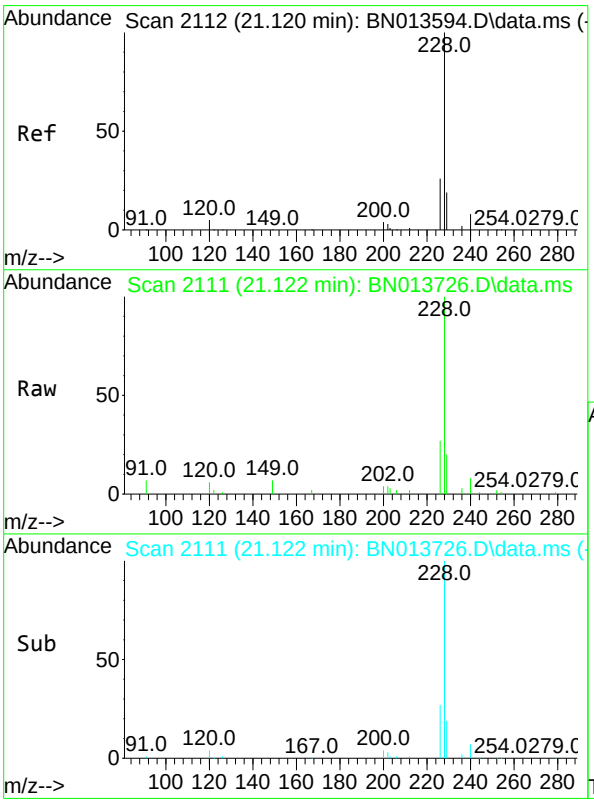


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.585 min Scan# 1921
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:244 Resp: 22751

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	11.9	9.8	14.8

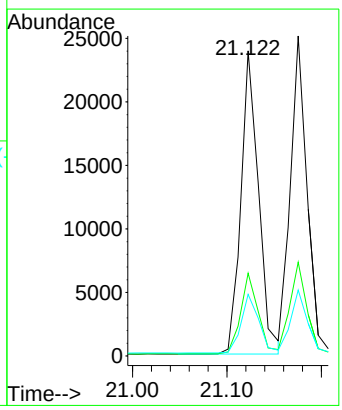


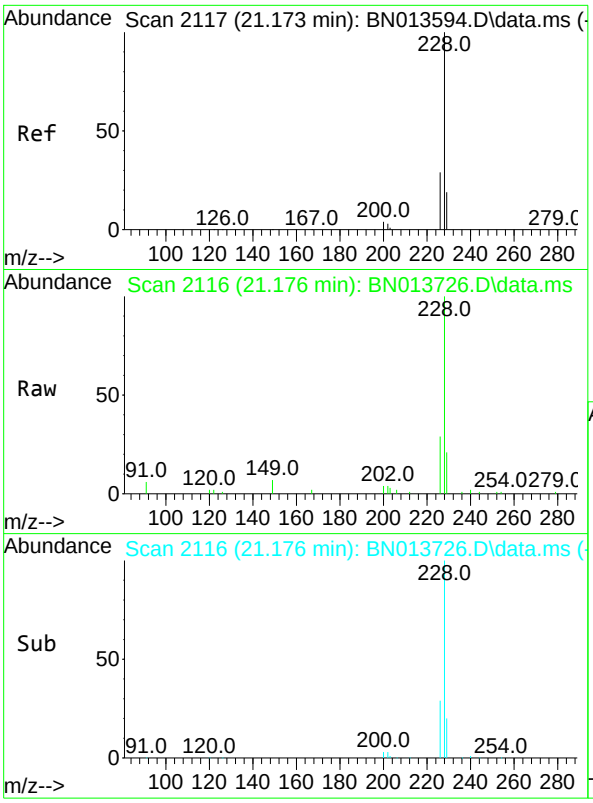


#32
Benzo(a)anthracene
Concen: 0.44 ng
RT: 21.122 min Scan# 2111
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:228 Resp: 30883

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.5	30.7
229	20.2	16.2	24.4

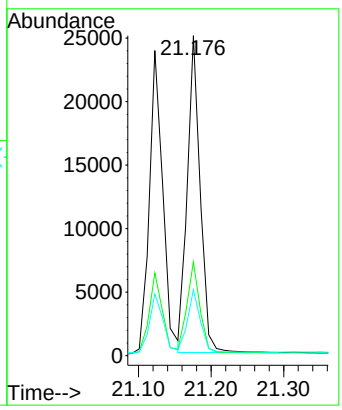




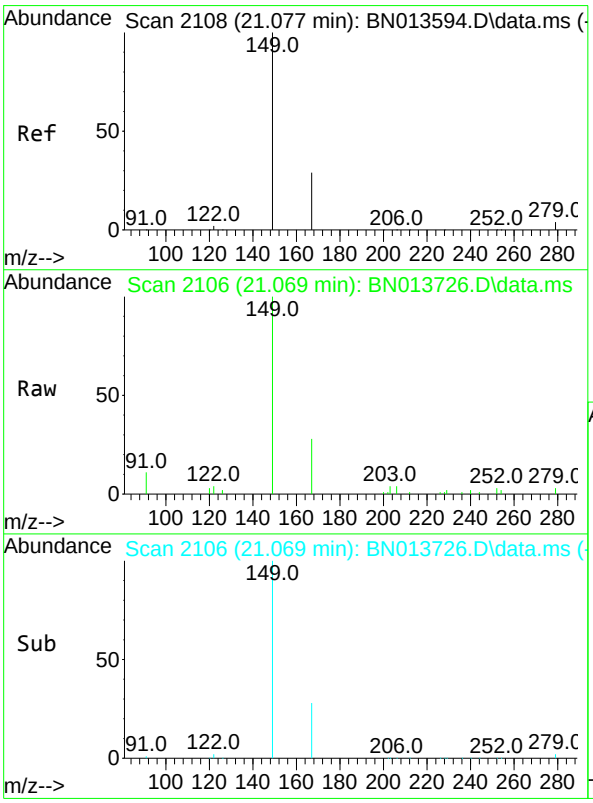
#33
Chrysene
Concen: 0.38 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:228 Resp: 30798

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.3	36.5
229	20.6	15.1	22.7



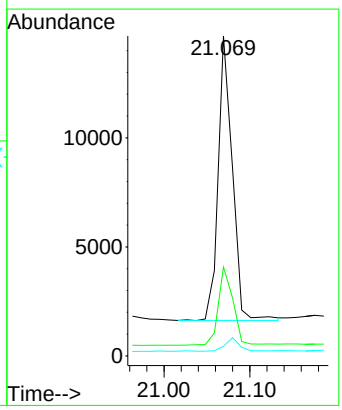
Instrument :
BNA_N
ClientSampleId :
PB134752BS



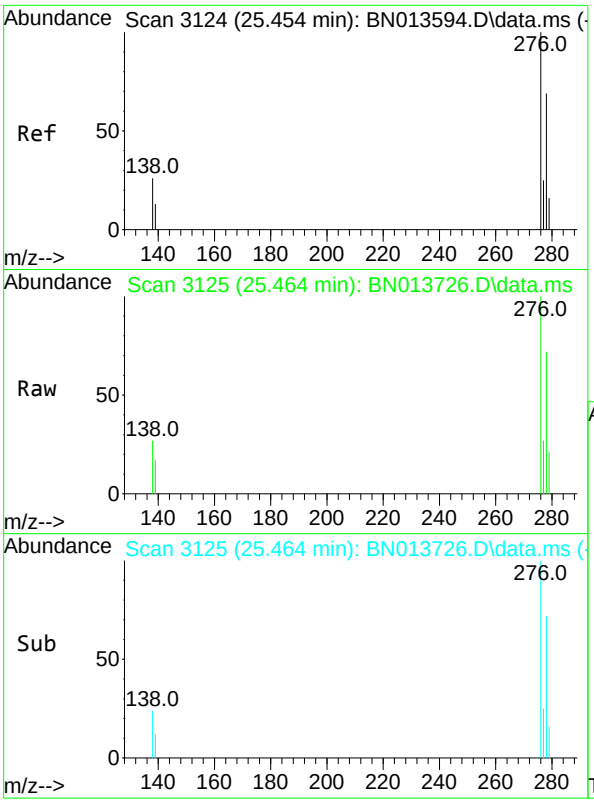
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.72 ng
RT: 21.069 min Scan# 2106
Delta R.T. 0.002 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:149 Resp: 14904

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.1	33.1
279	4.7	3.5	5.3



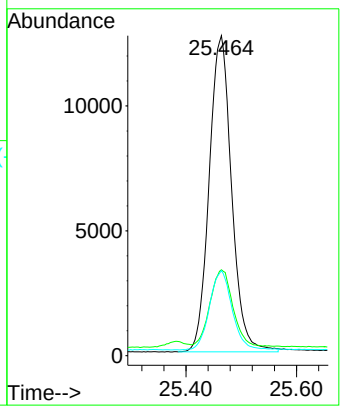
Instrument :
BNA_N
ClientSampleId :
PB134752BS

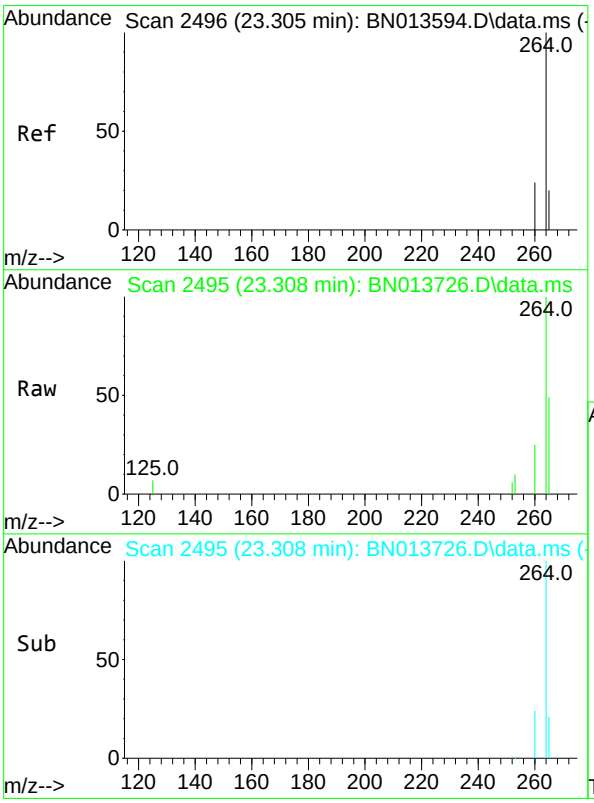


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 25.464 min Scan# 3125
Delta R.T. 0.020 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:276 Resp: 35609

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.8	29.6
277	25.2	19.9	29.9

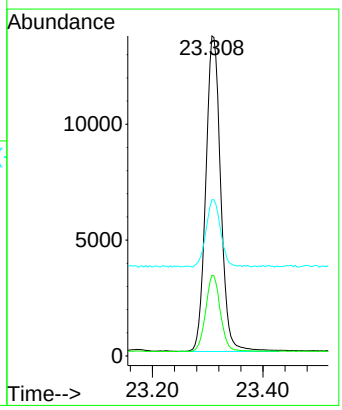




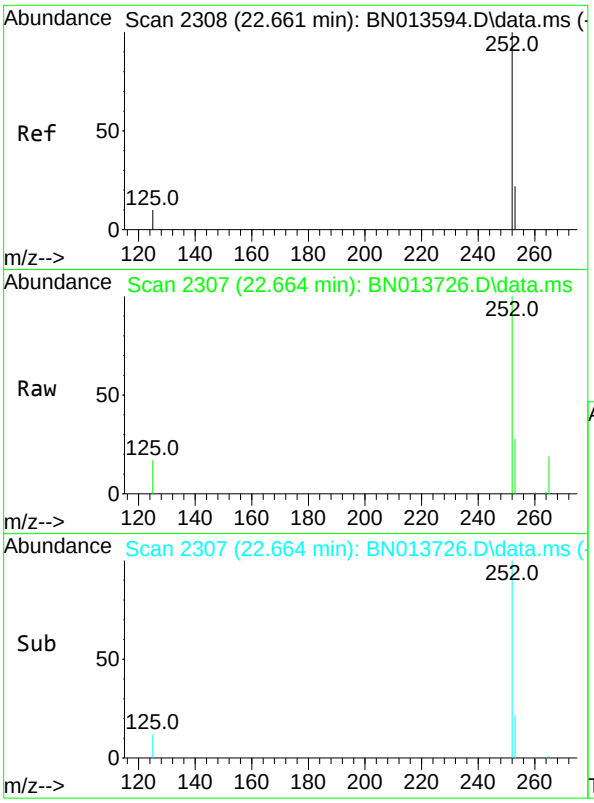
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.308 min Scan# 2495
Delta R.T. 0.006 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:264 Resp: 25482

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.3	28.9
265	48.8	66.2	99.4#



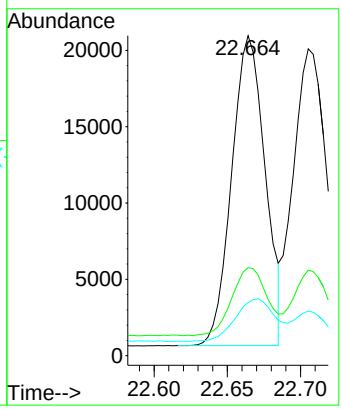
Instrument :
BNA_N
ClientSampleId :
PB134752BS

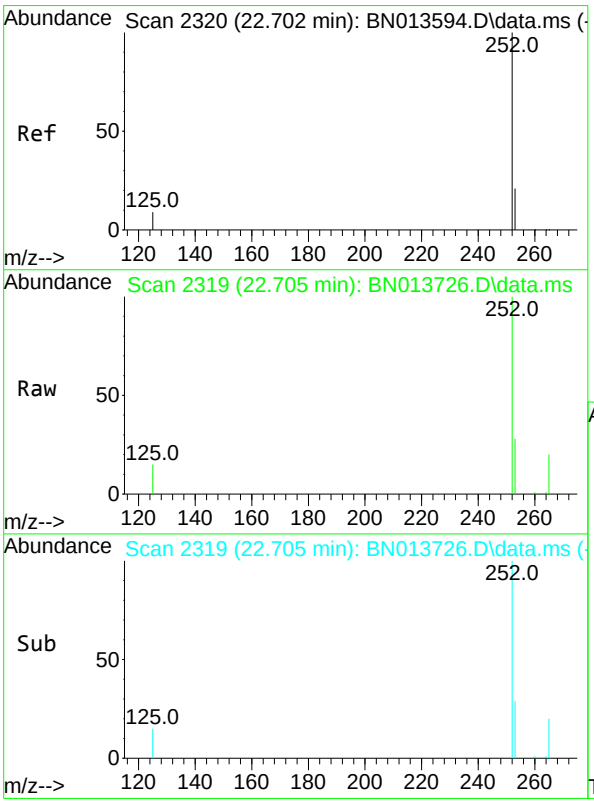


#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.664 min Scan# 2307
Delta R.T. 0.006 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:252 Resp: 32213

Ion	Ratio	Lower	Upper
252	100		
253	27.5	20.4	30.6
125	16.6	11.6	17.4

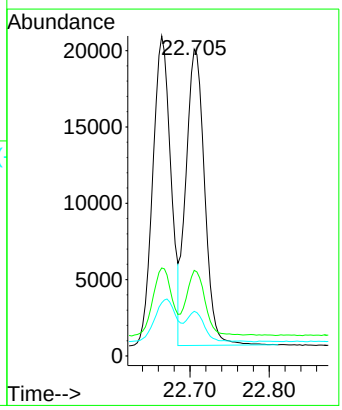




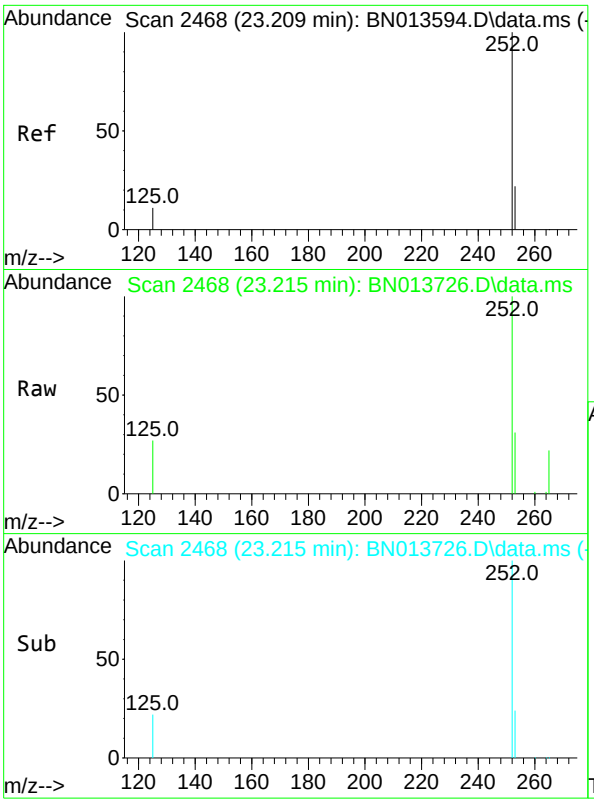
#38
Benzo(k)fluoranthene
Concen: 0.36 ng
RT: 22.705 min Scan# 2319
Delta R.T. 0.006 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:252 Resp: 31817

Ion	Ratio	Lower	Upper
252	100		
253	27.9	20.5	30.7
125	14.6	12.3	18.5



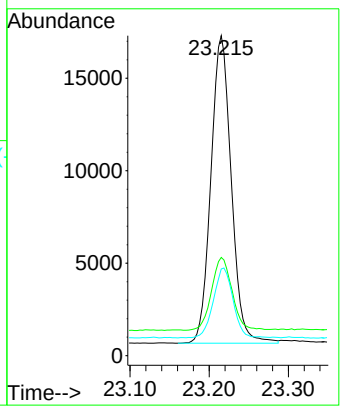
Instrument :
BNA_N
ClientSampleId :
PB134752BS

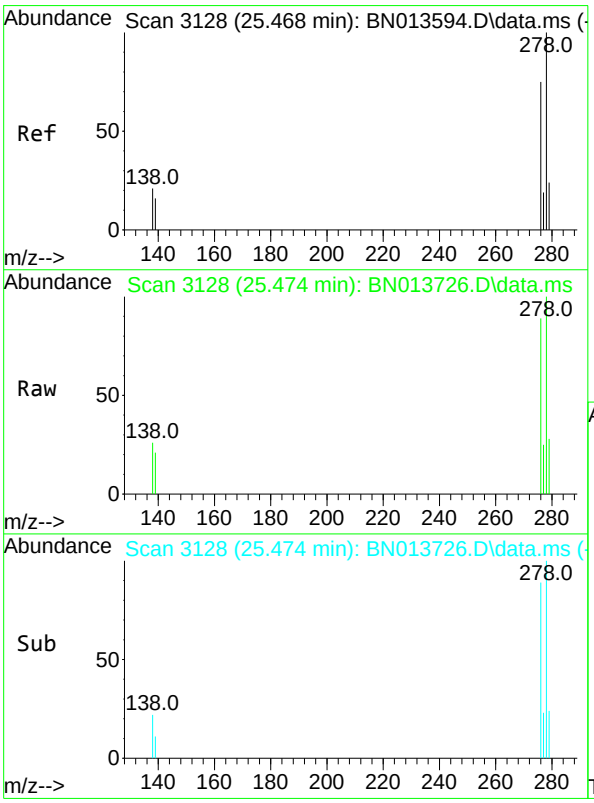


#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.215 min Scan# 2468
Delta R.T. 0.009 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:252 Resp: 29706

Ion	Ratio	Lower	Upper
252	100		
253	30.7	21.8	32.6
125	27.1	14.6	21.8#

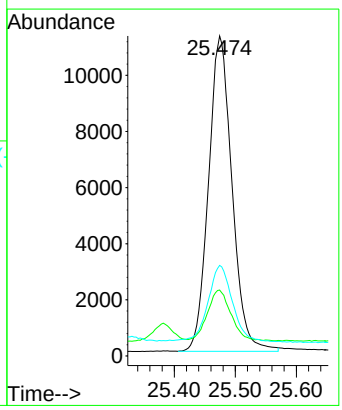


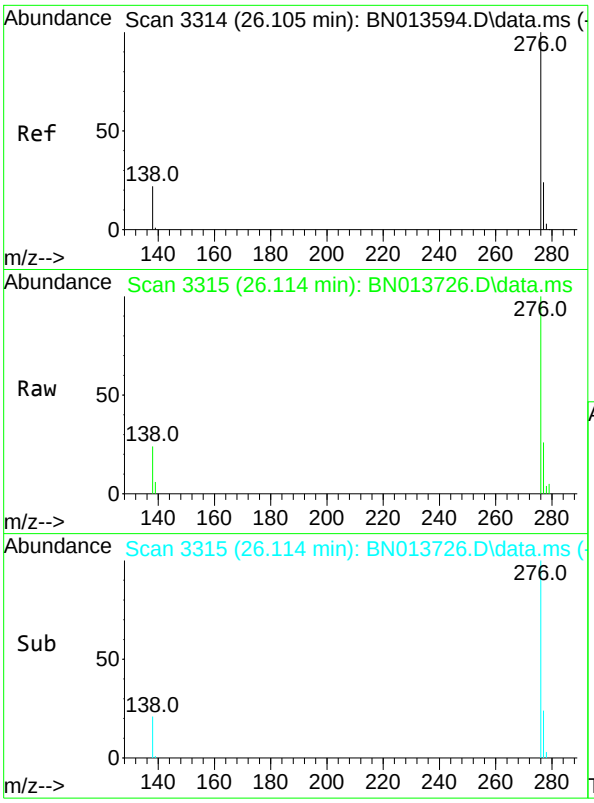


#40
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 25.474 min Scan# 3128
Delta R.T. 0.016 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:278 Resp: 30051

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.1	19.7#
279	28.3	21.4	32.0

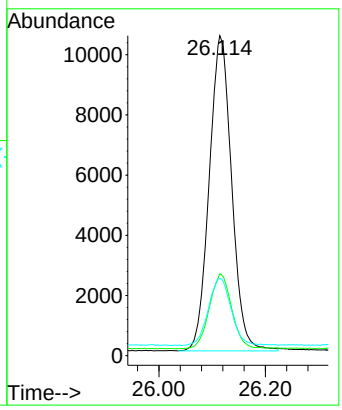




#41
Benzo(g,h,i)perylene
Concen: 0.36 ng
RT: 26.114 min Scan# 3315
Delta R.T. 0.016 min
Lab File: BN013726.D
Acq: 22 Feb 2021 12:16

Tgt Ion:276 Resp: 30653

Ion	Ratio	Lower	Upper
276	100		
277	25.6	20.0	30.0
138	24.1	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134752BS