Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
Data File : BN013614.D
Acq On : 12 Feb 2021 16:04
Operator : CG/JU
Sample : PB134610BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134610BS

Quant Time: Feb 12 17:19:11 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

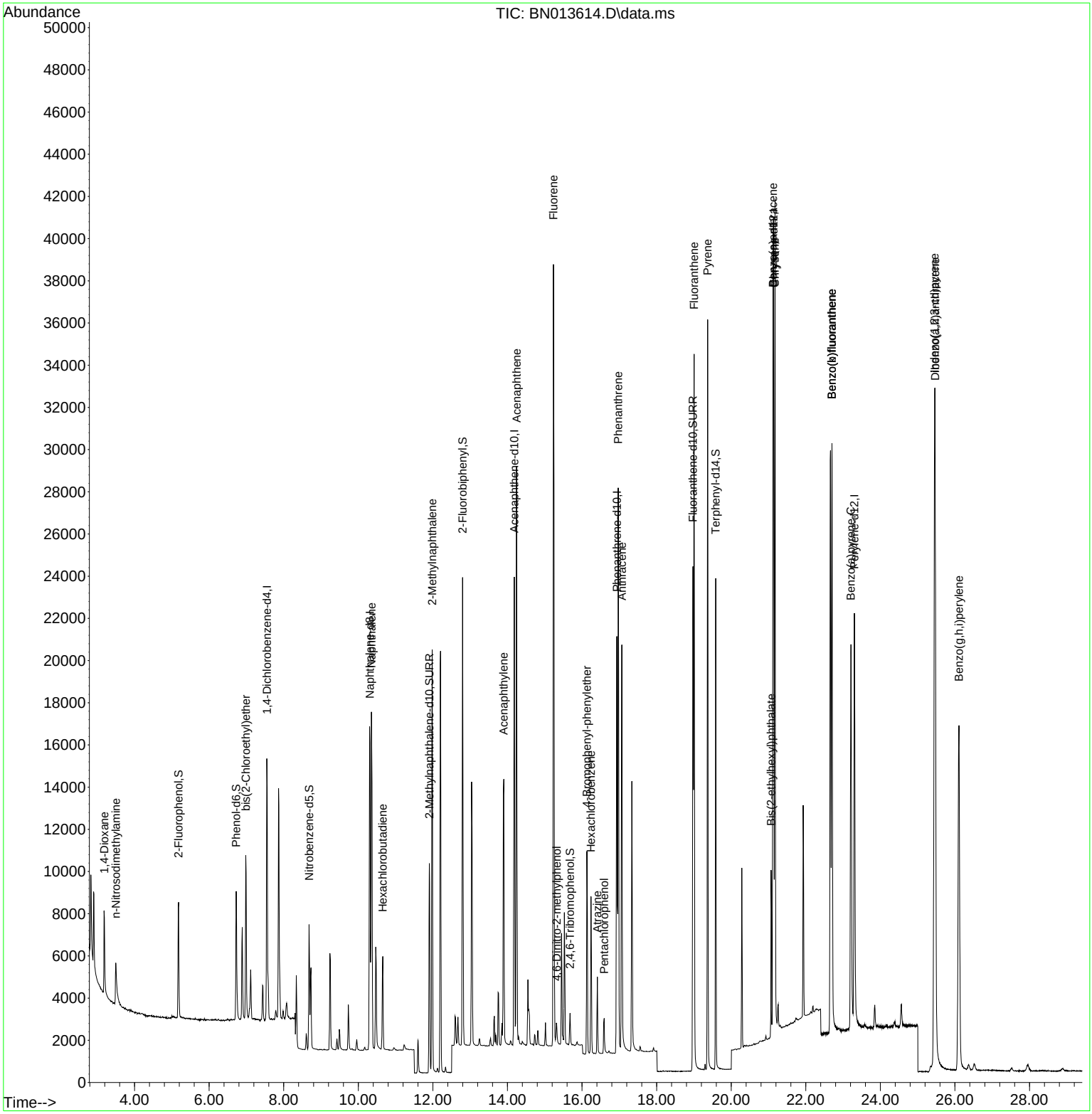
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.547	152	6033	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	22523	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	12246	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	26096	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	26303	0.40	ng		# 0.00
36) Perylene-d12	23.304	264	25531	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.179	112	4625	0.35	ng		0.00
5) Phenol-d6	6.726	99	5766	0.35	ng		0.00
8) Nitrobenzene-d5	8.680	82	4652	0.37	ng		-0.01
11) 2-Methylnaphthalene-d10	11.906	152	13587	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.678	330	1124	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	18604	0.40	ng		0.00
27) Fluoranthene-d10	18.975	212	27184	0.39	ng		0.00
31) Terphenyl-d14	19.585	244	22979	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3009	0.45	ng		91
3) n-Nitrosodimethylamine	3.496	42	1972	0.40	ng		99
6) bis(2-Chloroethyl)ether	6.983	93	5862	0.40	ng		98
9) Naphthalene	10.353	128	21843	0.40	ng		99
10) Hexachlorobutadiene	10.657	225	3678	0.40	ng	#	99
12) 2-Methylnaphthalene	11.982	142	14681	0.39	ng		99
16) Acenaphthylene	13.902	152	16755	0.36	ng		99
17) Acenaphthene	14.245	154	13109	0.39	ng		98
18) Fluorene	15.234	166	16263	0.38	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	878	0.39	ng	#	84
21) 4-Bromophenyl-phenylether	16.130	248	4957	0.38	ng	#	86
22) Hexachlorobenzene	16.240	284	5525	0.39	ng		98
23) Atrazine	16.410	200	2779	0.34	ng		98
24) Pentachlorophenol	16.593	266	973	0.43	ng		97
25) Phenanthrene	16.970	178	27580	0.39	ng		100
26) Anthracene	17.067	178	21315	0.36	ng		99
28) Fluoranthene	19.005	202	30336	0.39	ng		99
30) Pyrene	19.367	202	30289	0.38	ng		100
32) Benzo(a)anthracene	21.122	228	26225	0.37	ng		99
33) Chrysene	21.175	228	33299	0.41	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	7595	0.37	ng		100
35) Indeno(1,2,3-cd)pyrene	25.454	276	37834	0.45	ng		98
37) Benzo(b)fluoranthene	22.702	252	34533	0.39	ng		95
38) Benzo(k)fluoranthene	22.702	252	34673	0.39	ng	#	95
39) Benzo(a)pyrene	23.212	252	28733	0.38	ng		94
40) Dibenzo(a,h)anthracene	25.467	278	31988	0.40	ng		97
41) Benzo(g,h,i)perylene	26.108	276	32969	0.39	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021221\
Data File : BN013614.D
Acq On : 12 Feb 2021 16:04
Operator : CG/JU
Sample : PB134610BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134610BS

Quant Time: Feb 12 17:19:11 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 :
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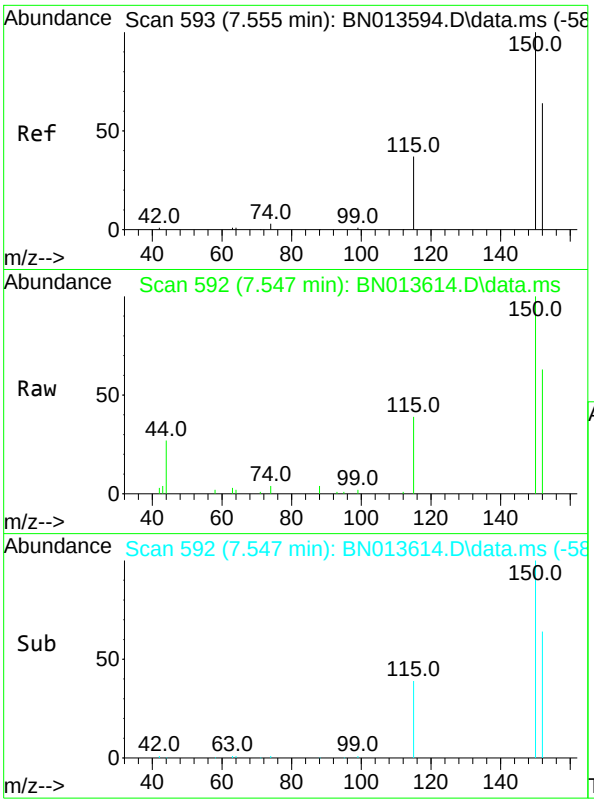
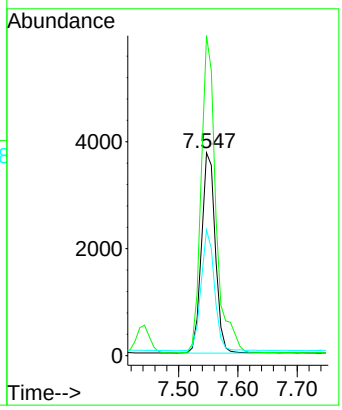
ClientSampleId :
PB134610BS

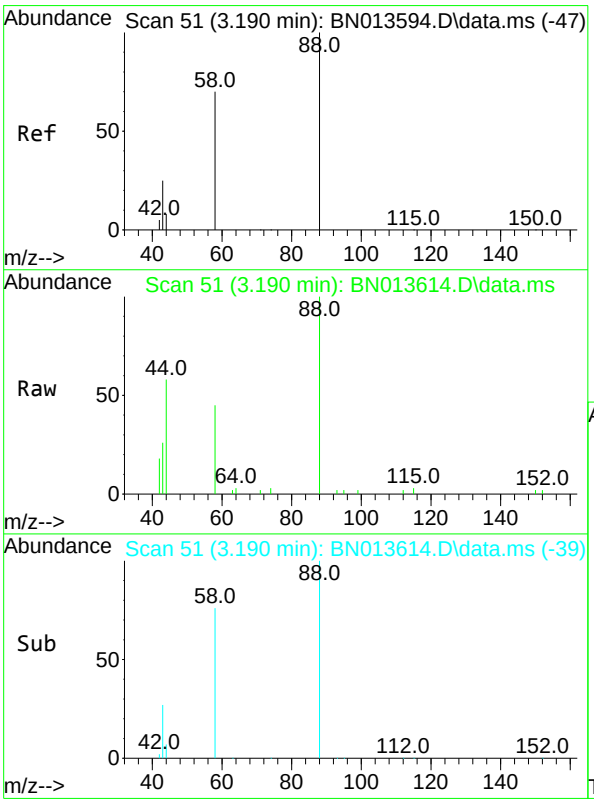


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.547 min Scan# 592
Delta R.T. -0.008 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:152 Resp: 6033

Ion	Ratio	Lower	Upper
152	100		
150	157.8	121.8	182.8
115	62.0	46.6	69.8

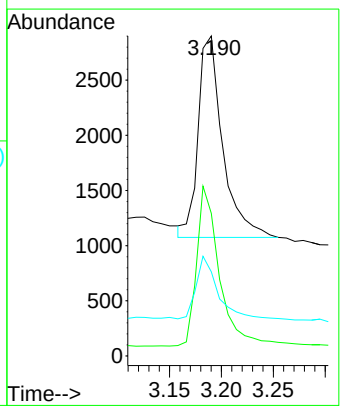




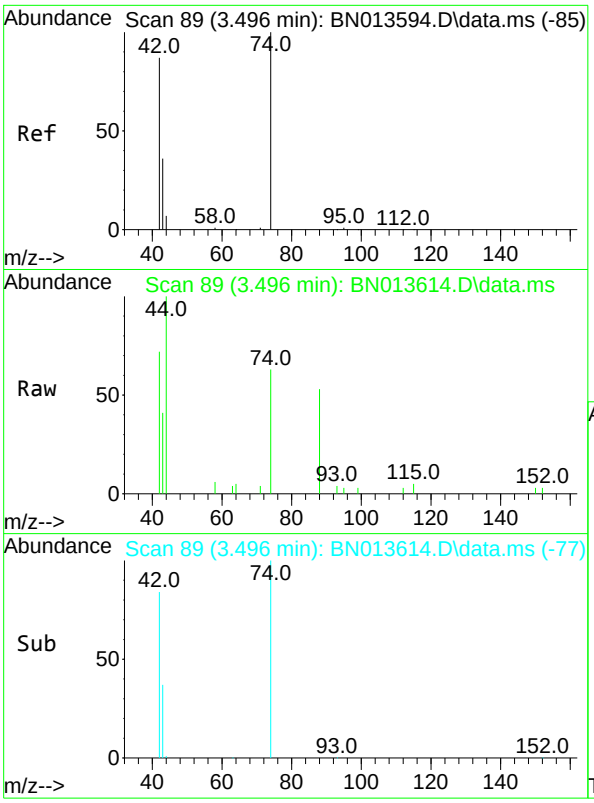
#2
1,4-Dioxane
Concen: 0.45 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion: 88 Resp: 3009

Ion	Ratio	Lower	Upper
88	100		
58	73.4	64.6	96.8
43	27.2	26.6	40.0



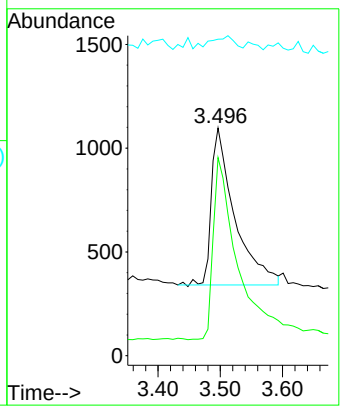
Instrument :
BNA_N
ClientSampleId :
PB134610BS

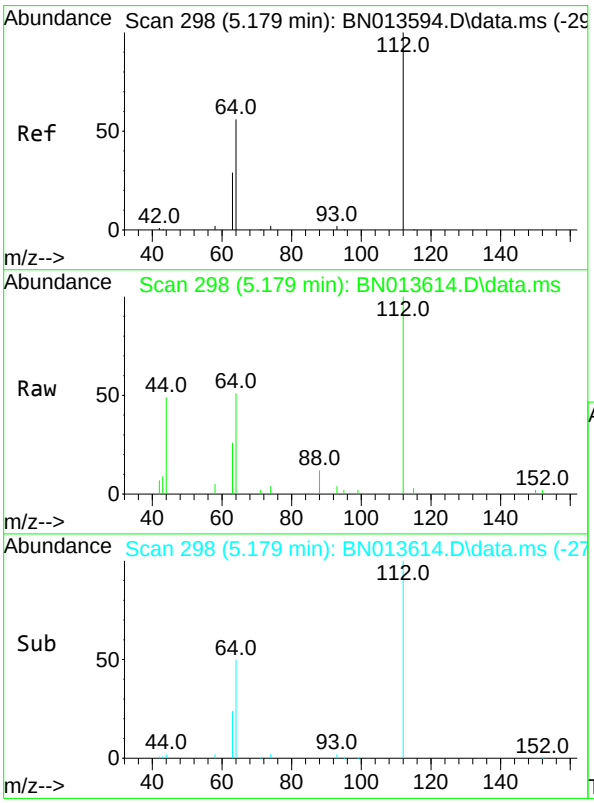


#3
n-Nitrosodimethylamine
Concen: 0.40 ng
RT: 3.496 min Scan# 89
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion: 42 Resp: 1972

Ion	Ratio	Lower	Upper
42	100		
74	119.8	95.0	142.6
44	6.5	5.8	8.8

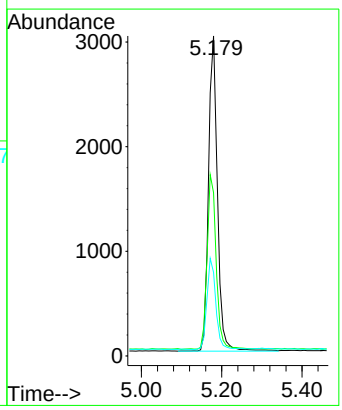




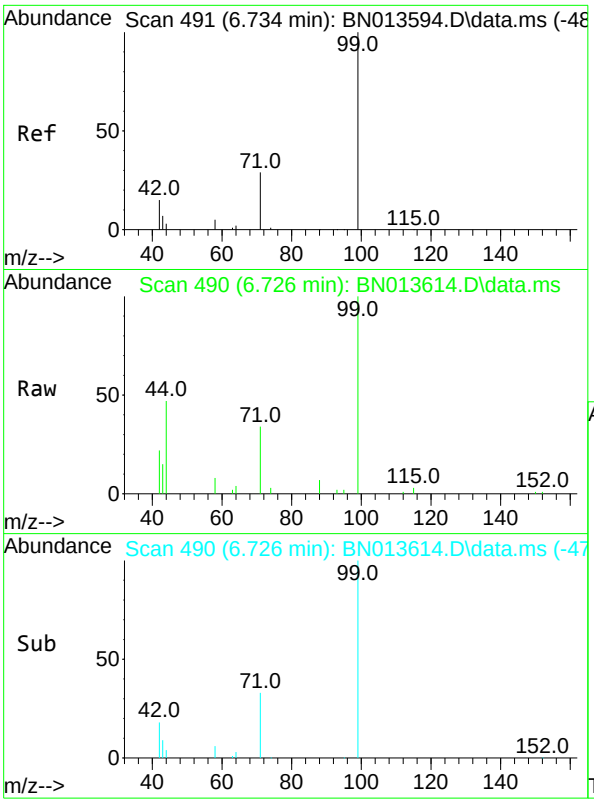
#4
2-Fluorophenol
Concen: 0.35 ng
RT: 5.179 min Scan# 298
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:112 Resp: 4625

Ion	Ratio	Lower	Upper
112	100		
64	56.3	44.3	66.5
63	29.1	23.0	34.6



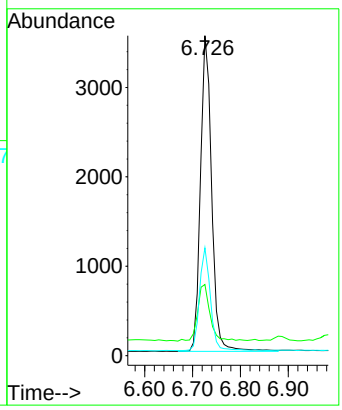
Instrument :
BNA_N
ClientSampleId :
PB134610BS

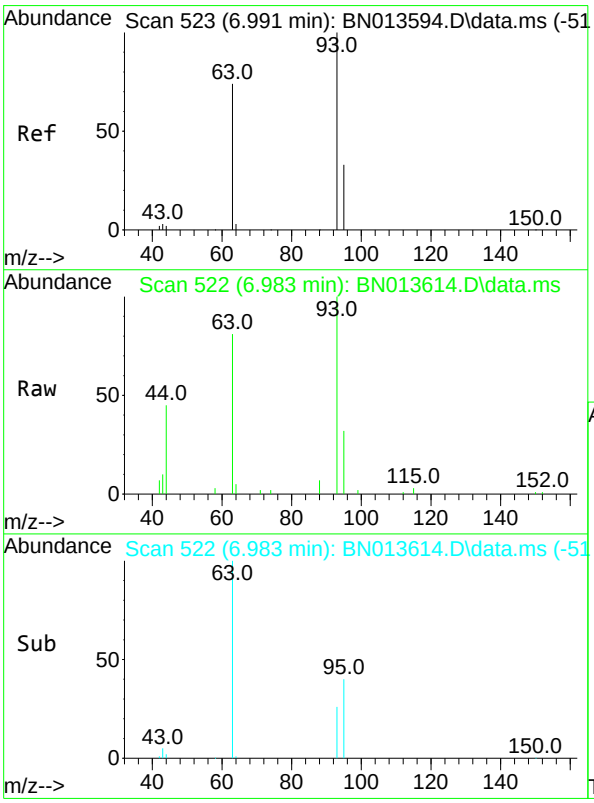


#5
Phenol-d6
Concen: 0.35 ng
RT: 6.726 min Scan# 490
Delta R.T. -0.008 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion: 99 Resp: 5766

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.2	22.8
71	31.5	26.1	39.1

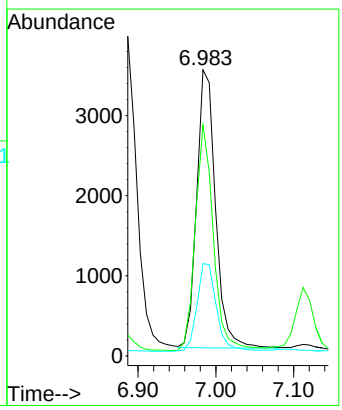




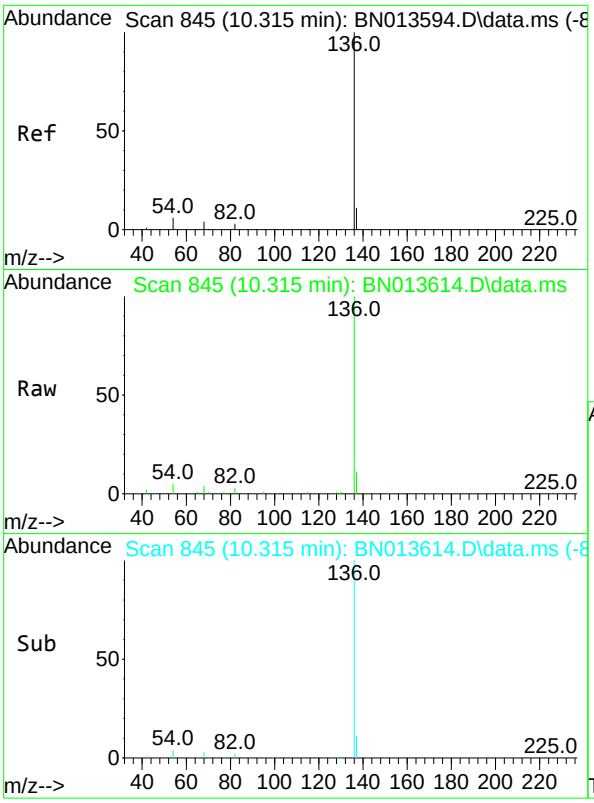
#6
bis(2-Chloroethyl)ether
Concen: 0.40 ng
RT: 6.983 min Scan# 522
Delta R.T. -0.008 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion: 93 Resp: 5862

Ion	Ratio	Lower	Upper
93	100		
63	77.9	60.8	91.2
95	32.7	26.0	39.0



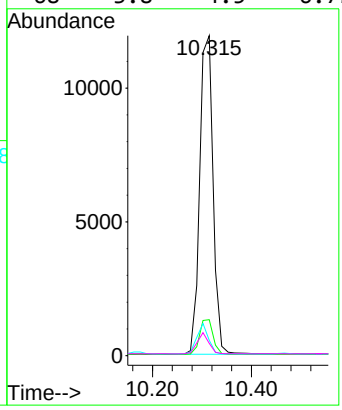
Instrument :
BNA_N
ClientSampleId :
PB134610BS

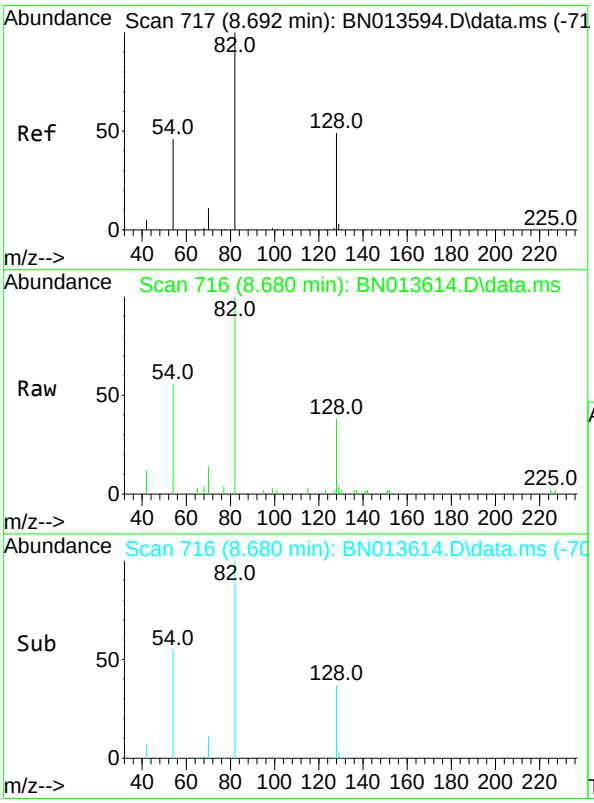


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:136 Resp: 22523

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	4.8	6.4	9.6#
68	3.8	4.5	6.7#

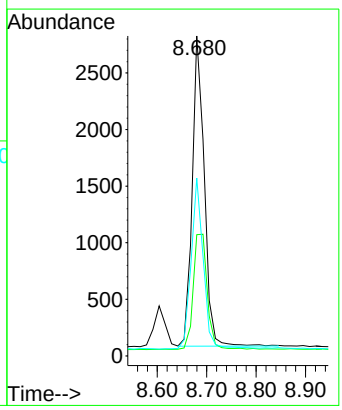




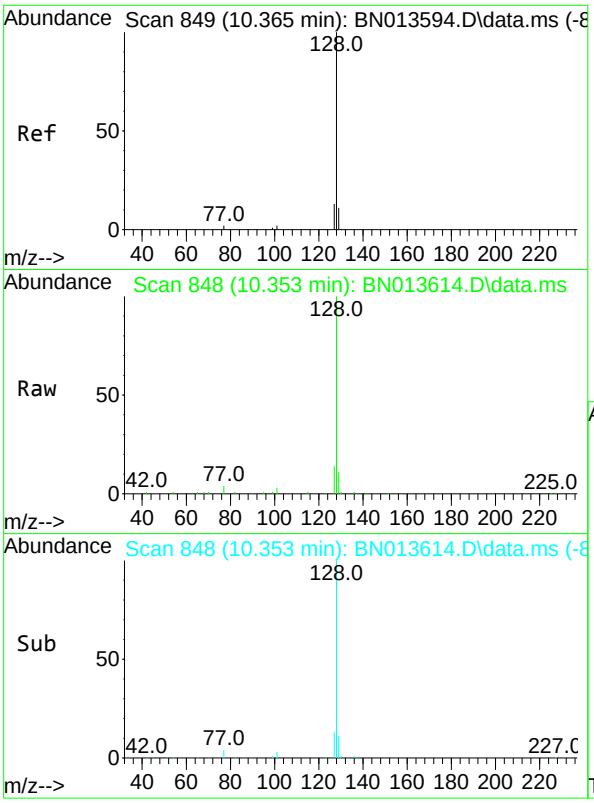
#8
Nitrobenzene-d5
Concen: 0.37 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion: 82 Resp: 4652

Ion	Ratio	Lower	Upper
82	100		
128	37.9	39.2	58.8#
54	55.6	40.1	60.1



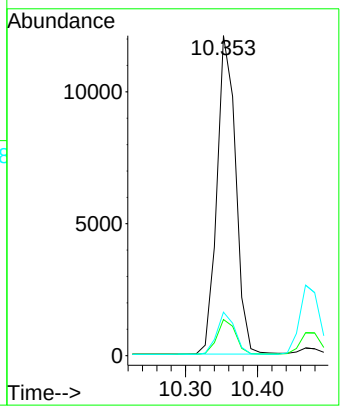
Instrument :
BNA_N
ClientSampleId :
PB134610BS

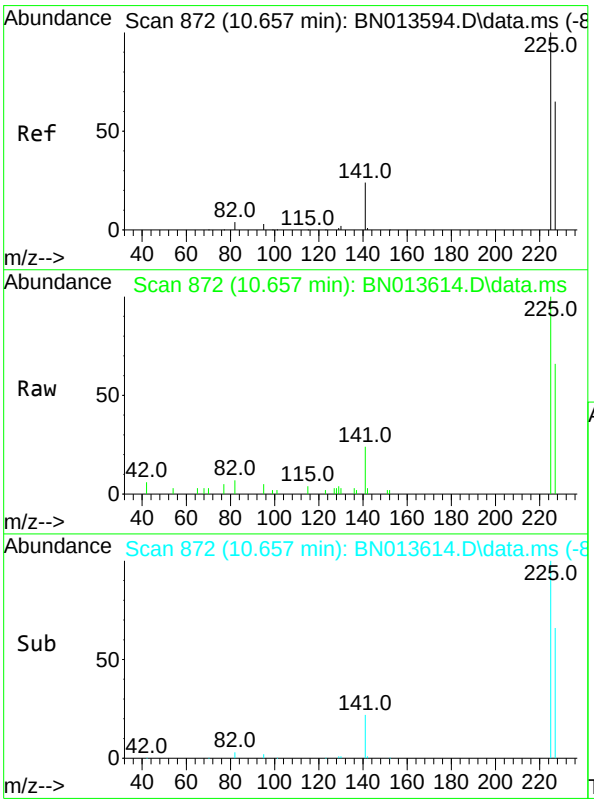


#9
Naphthalene
Concen: 0.40 ng
RT: 10.353 min Scan# 848
Delta R.T. -0.013 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:128 Resp: 21843

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.6	10.4	15.6

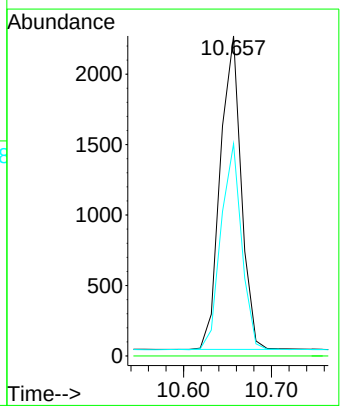




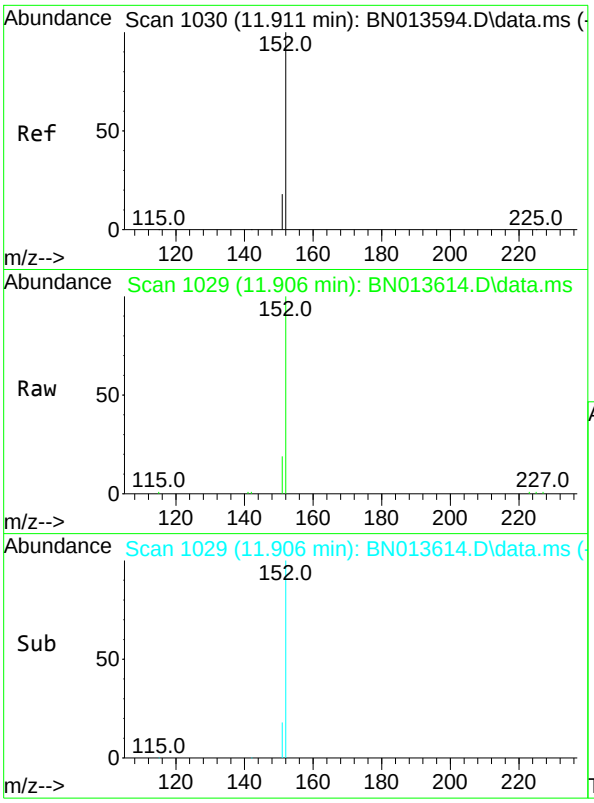
#10
Hexachlorobutadiene
Concen: 0.40 ng
RT: 10.657 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:225 Resp: 3678

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.8	51.2	76.8



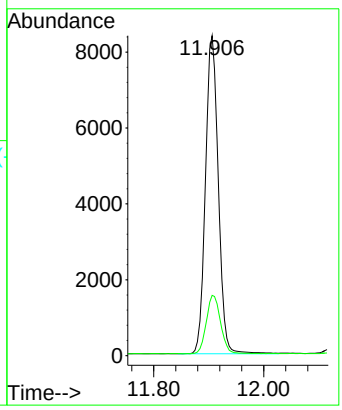
Instrument :
BNA_N
ClientSampleId :
PB134610BS

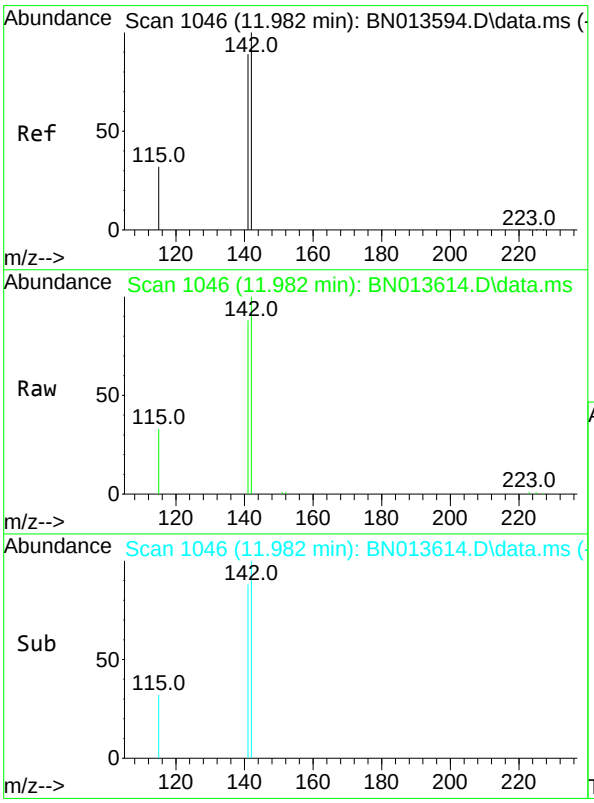


#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 11.906 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:152 Resp: 13587

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.2

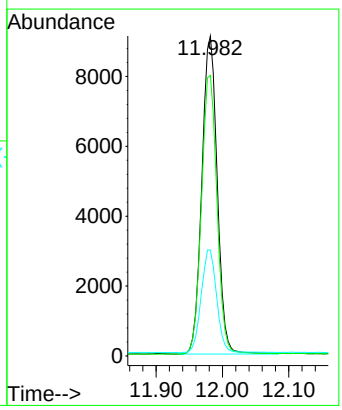




#12
2-Methylnaphthalene
Concen: 0.39 ng
RT: 11.982 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:142 Resp: 14681

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7
115	33.1	27.4	41.0



Instrument :
BNA_N
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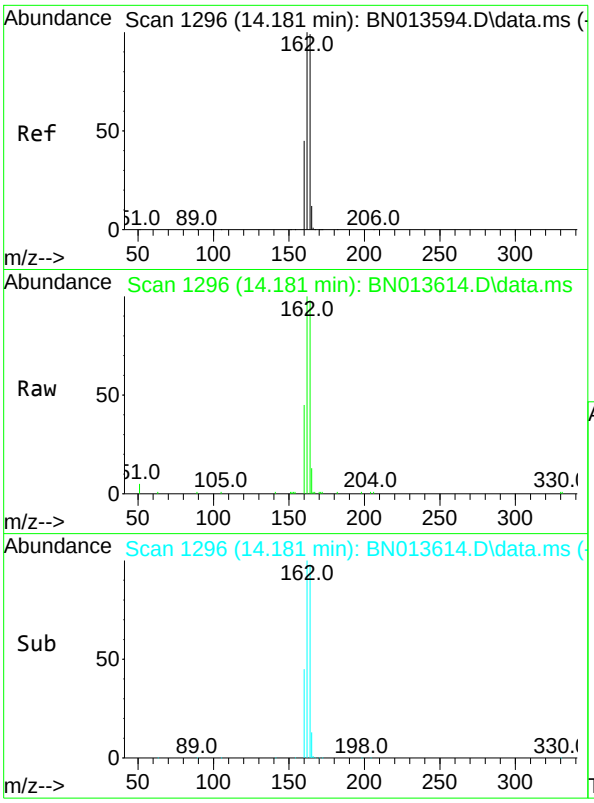
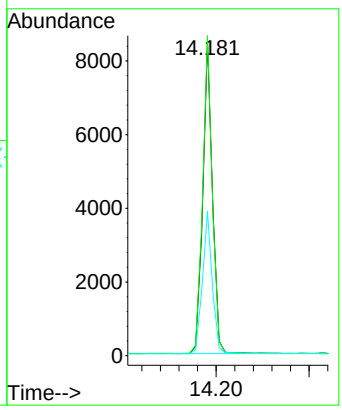
PB134610BS

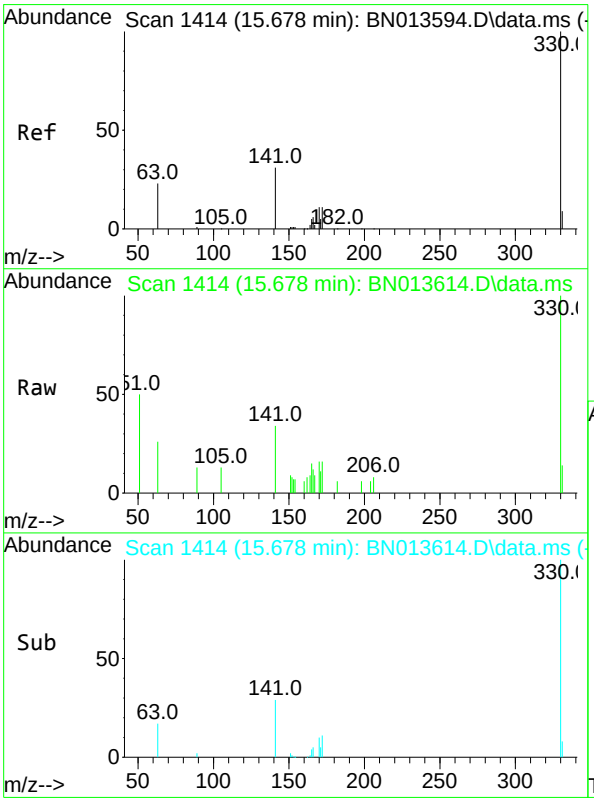


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:164 Resp: 12246

Ion	Ratio	Lower	Upper
164	100		
162	101.6	79.6	119.4
160	45.7	36.0	54.0

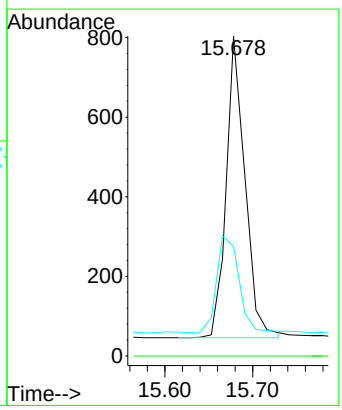




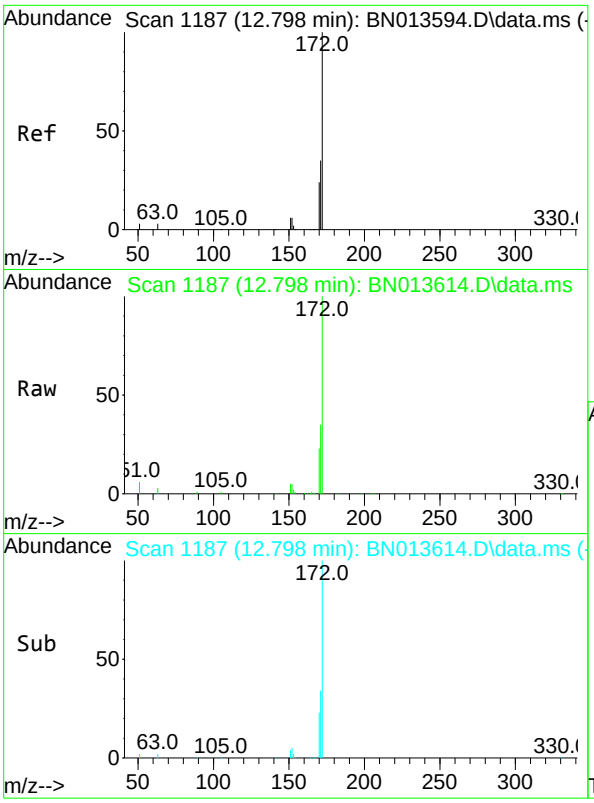
#14
2,4,6-Tribromophenol
Concen: 0.32 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:330 Resp: 1124

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.1	26.8	40.2



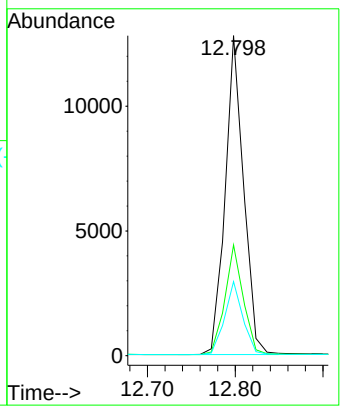
Instrument :
BNA_N
ClientSampleId :
PB134610BS

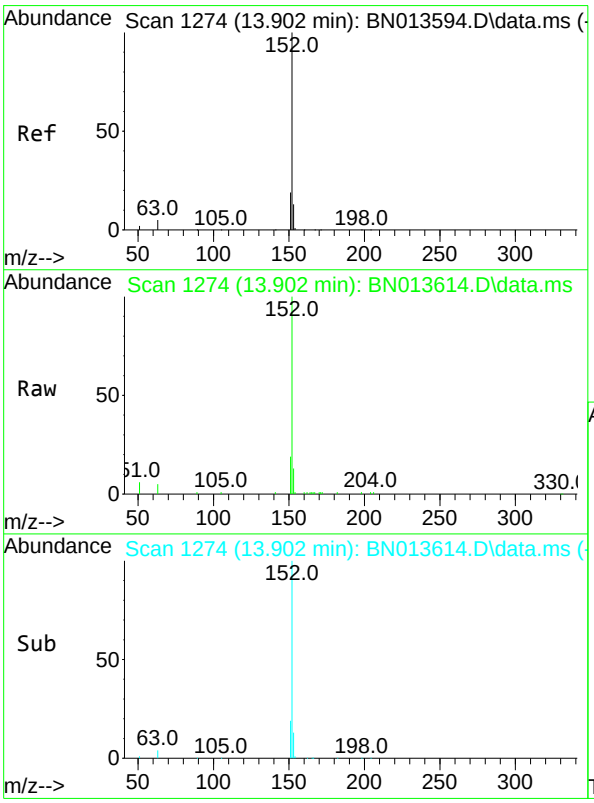


#15
2-Fluorobiphenyl
Concen: 0.40 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:172 Resp: 18604

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	23.1	18.9	28.3

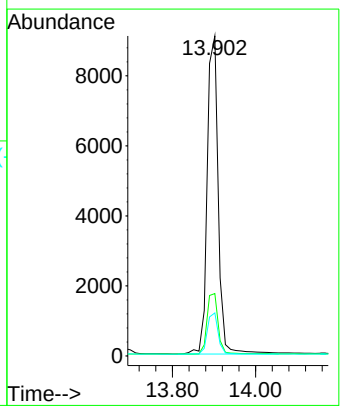




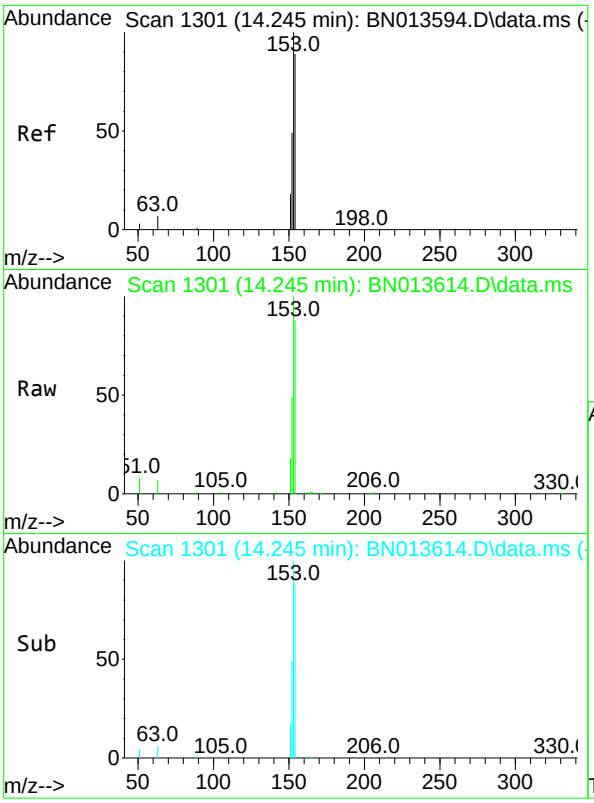
#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.902 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:152 Resp: 16755

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	12.9	10.5	15.7



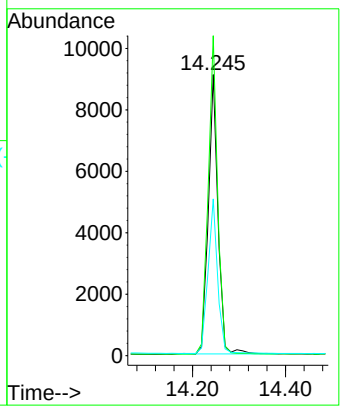
Instrument :
BNA_N
ClientSampleId :
PB134610BS

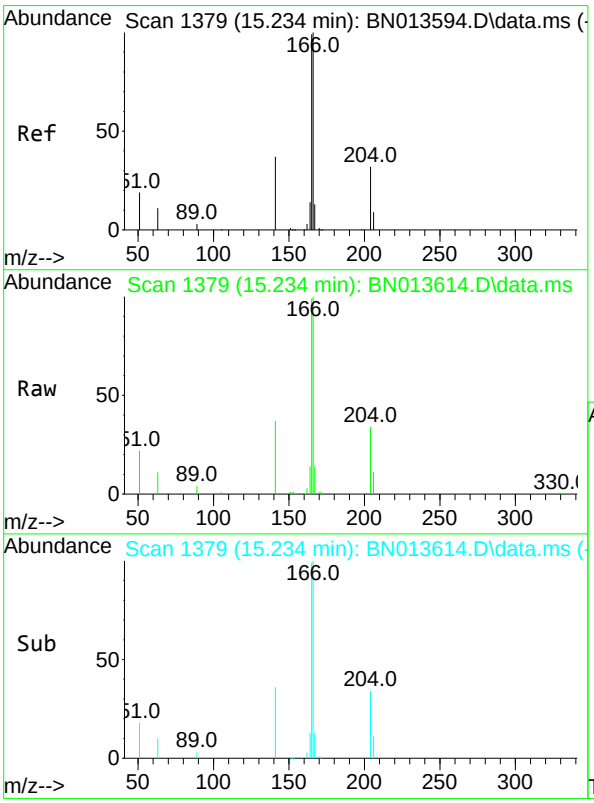


#17
Acenaphthene
Concen: 0.39 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:154 Resp: 13109

Ion	Ratio	Lower	Upper
154	100		
153	112.4	88.4	132.6
152	55.5	43.0	64.4

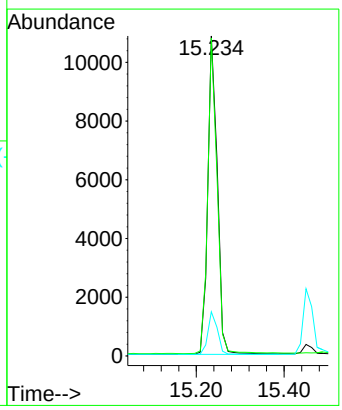




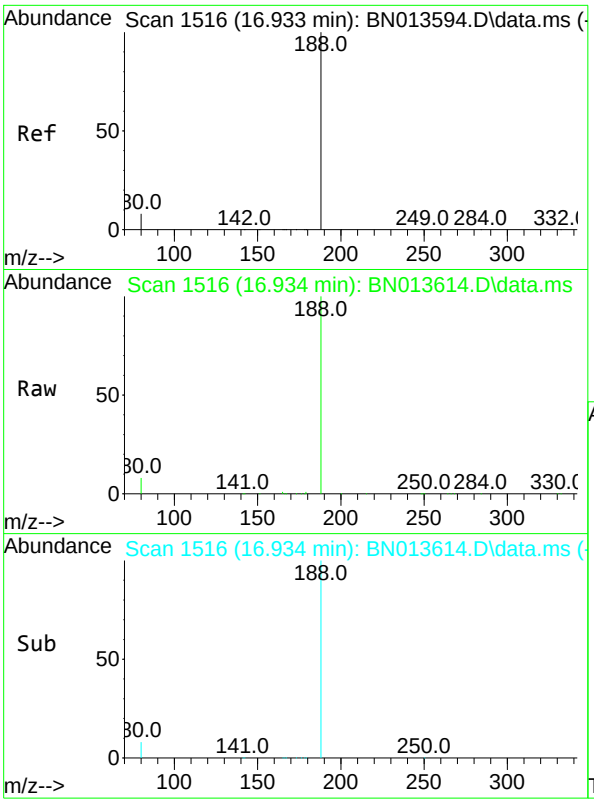
#18
Fluorene
Concen: 0.38 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:166 Resp: 16263

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.4	10.6	16.0



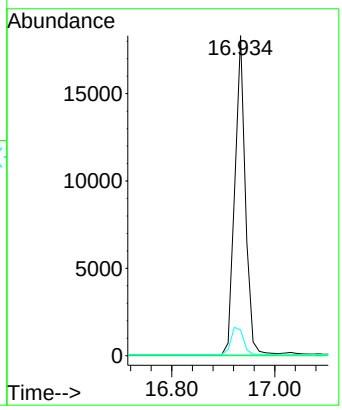
Instrument :
BNA_N
ClientSampleId :
PB134610BS

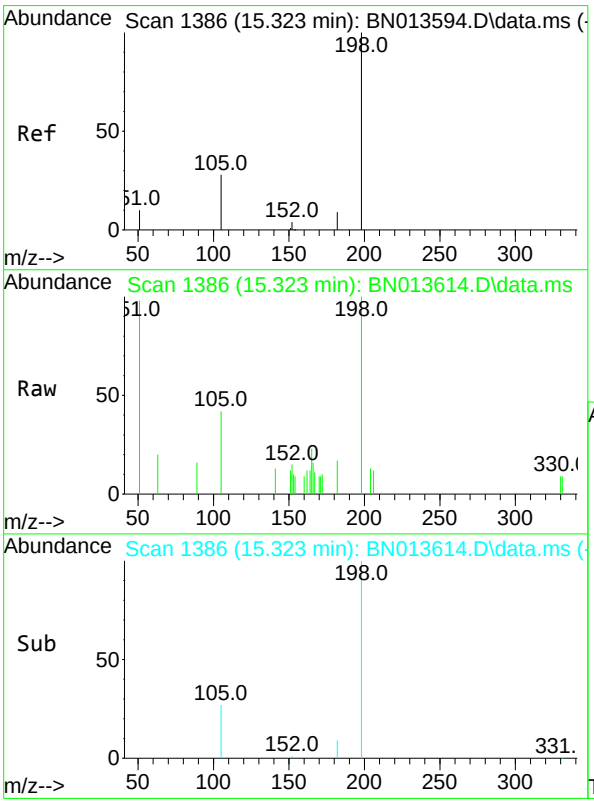


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:188 Resp: 26096

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

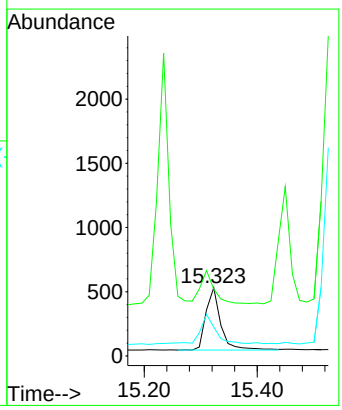




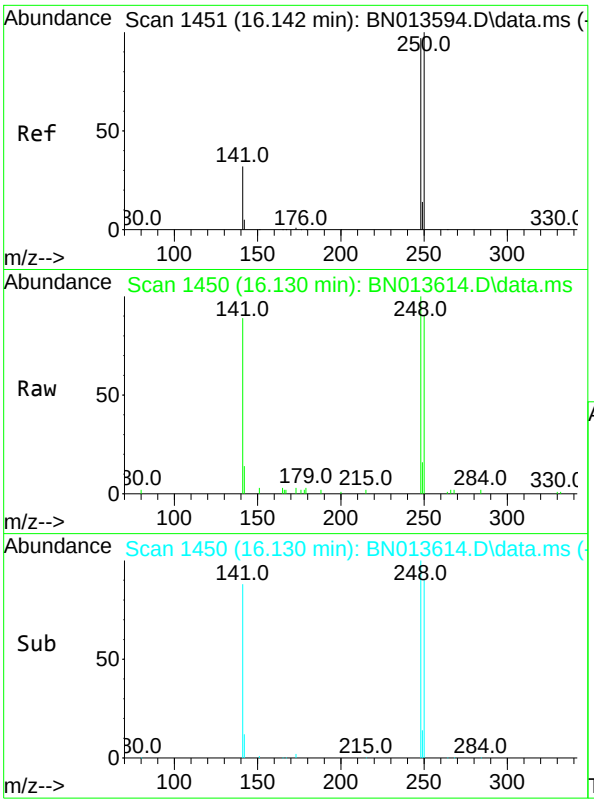
#20
4,6-Dinitro-2-methylphenol
Concen: 0.39 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:198 Resp: 878

Ion	Ratio	Lower	Upper
198	100		
51	97.9	61.7	92.5#
105	42.3	33.0	49.6



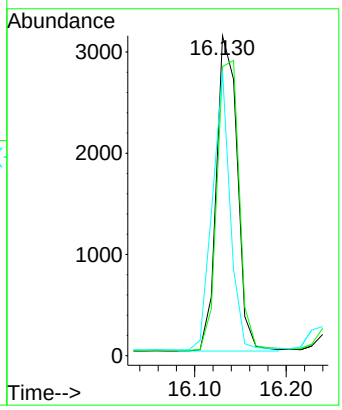
Instrument :
BNA_N
ClientSampleId :
PB134610BS

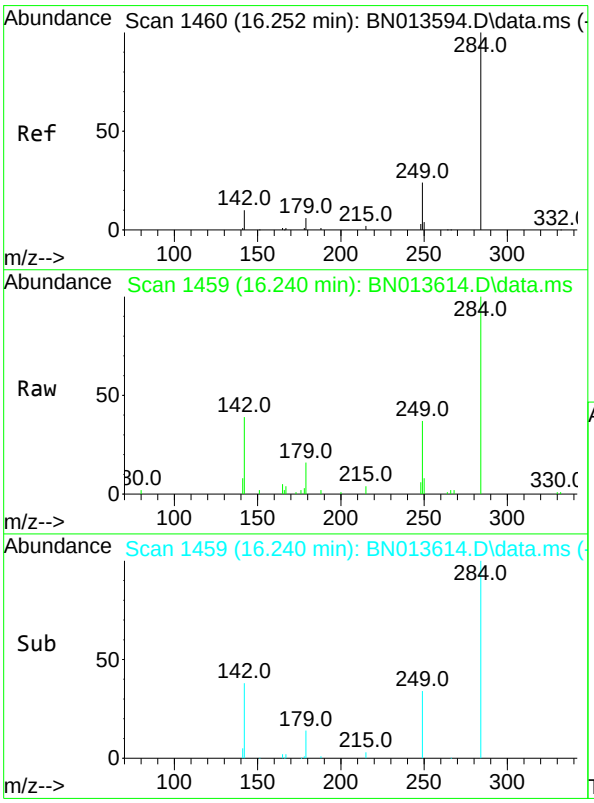


#21
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.130 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:248 Resp: 4957

Ion	Ratio	Lower	Upper
248	100		
250	90.4	75.5	113.3
141	88.9	53.8	80.8#

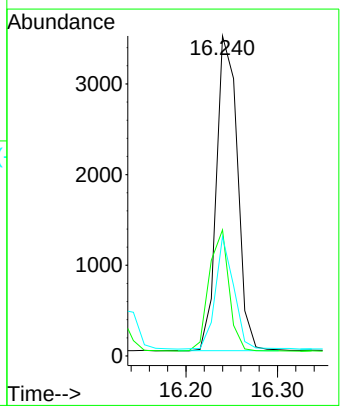




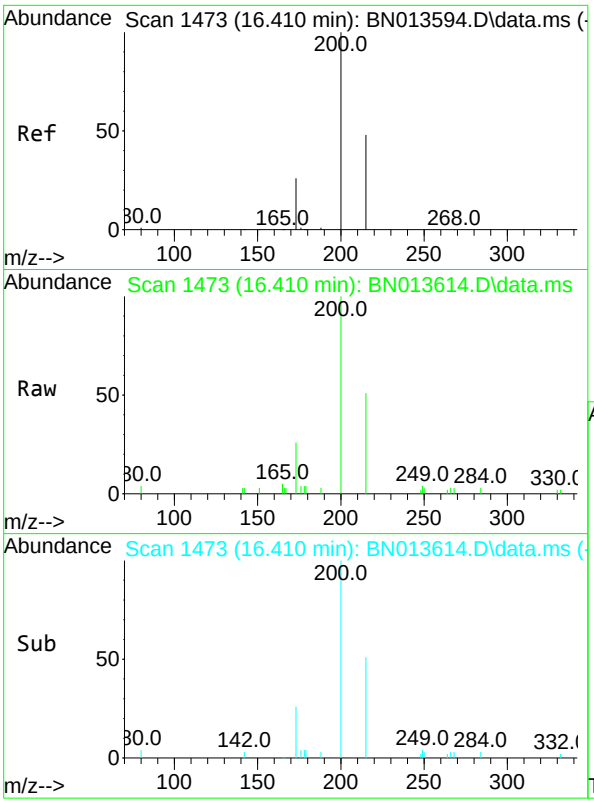
#22
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.240 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:284 Resp: 5525

Ion	Ratio	Lower	Upper
284	100		
142	36.5	27.9	41.9
249	31.2	24.2	36.2



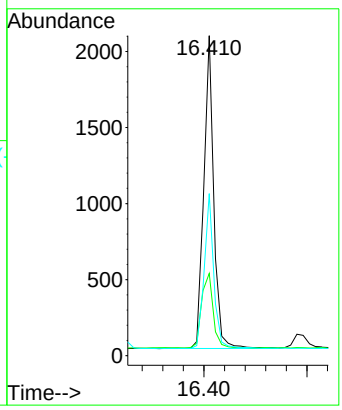
Instrument :
BNA_N
ClientSampleId :
PB134610BS

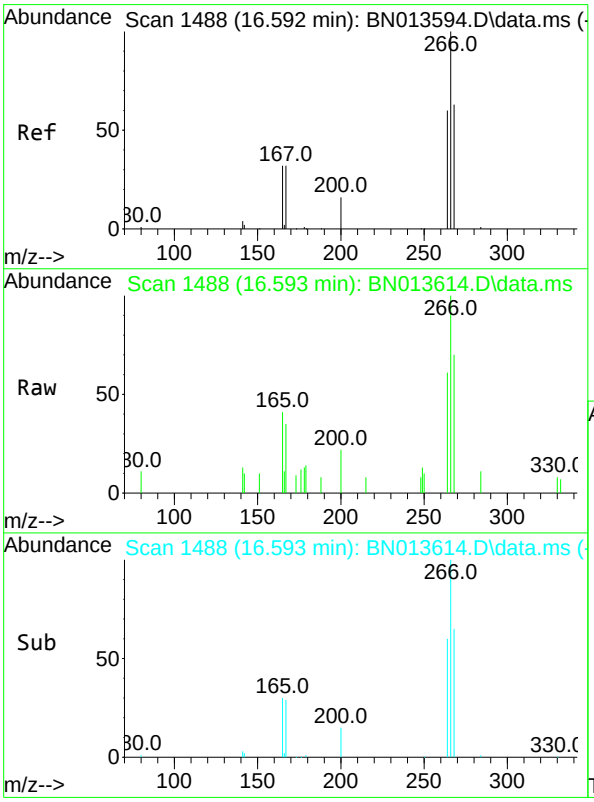


#23
Atrazine
Concen: 0.34 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:200 Resp: 2779

Ion	Ratio	Lower	Upper
200	100		
173	25.7	18.6	28.0
215	50.7	41.0	61.6

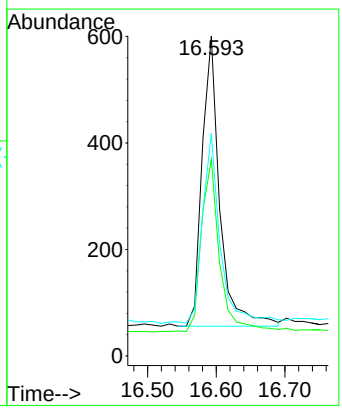




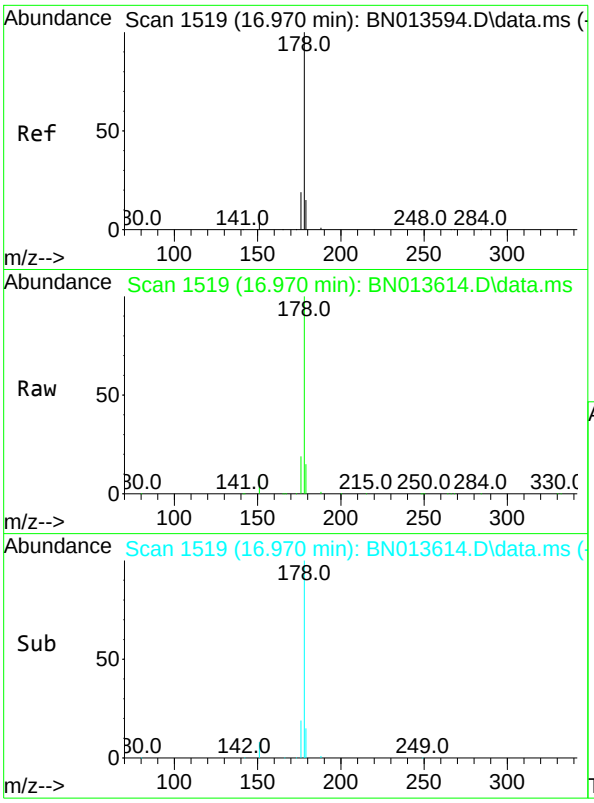
#24
Pentachlorophenol
Concen: 0.43 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:266 Resp: 973

Ion	Ratio	Lower	Upper
266	100		
264	61.6	51.6	77.4
268	67.1	54.6	82.0



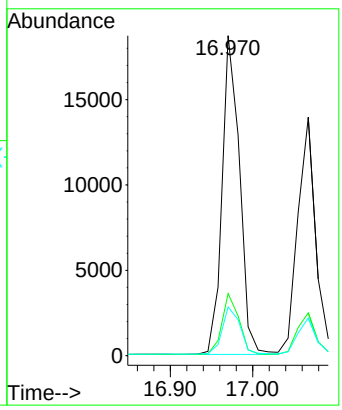
Instrument :
BNA_N
ClientSampleId :
PB134610BS

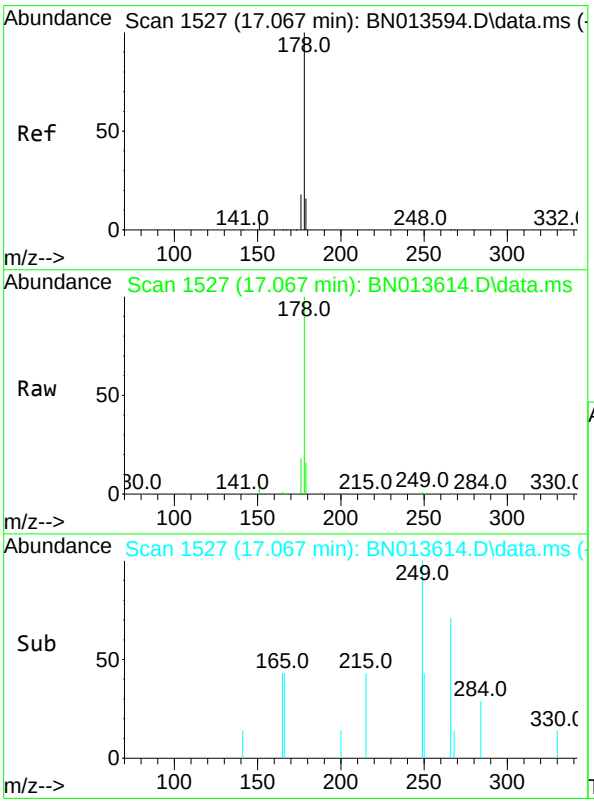


#25
Phenanthrene
Concen: 0.39 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:178 Resp: 27580

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.2	12.3	18.5

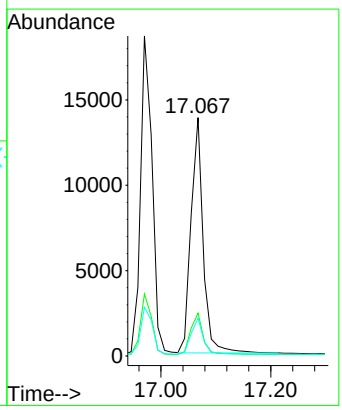




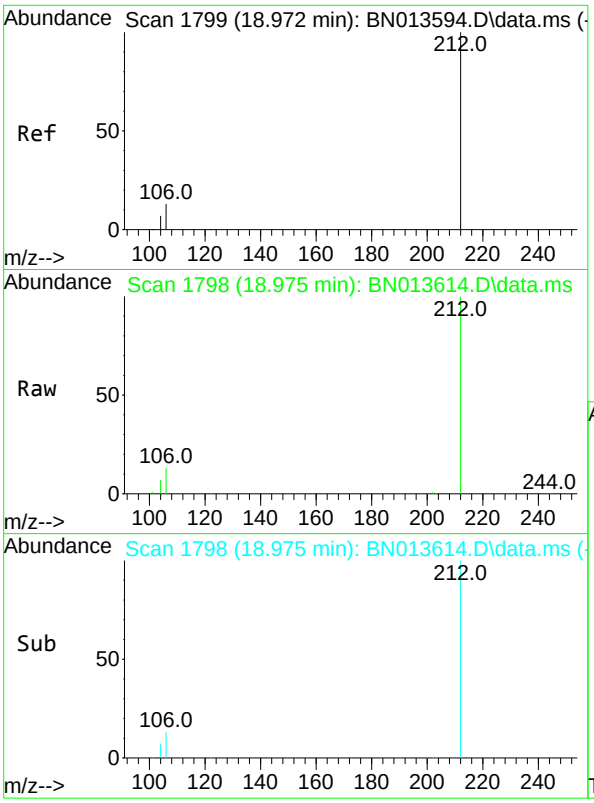
#26
Anthracene
Concen: 0.36 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:178 Resp: 21315

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	15.4	12.2	18.2



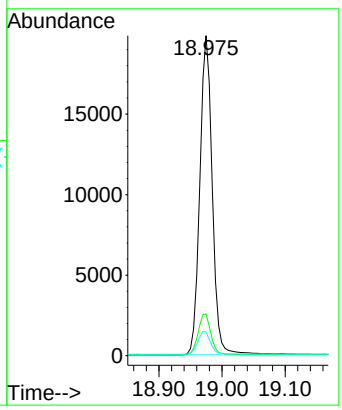
Instrument :
BNA_N
ClientSampleId :
PB134610BS

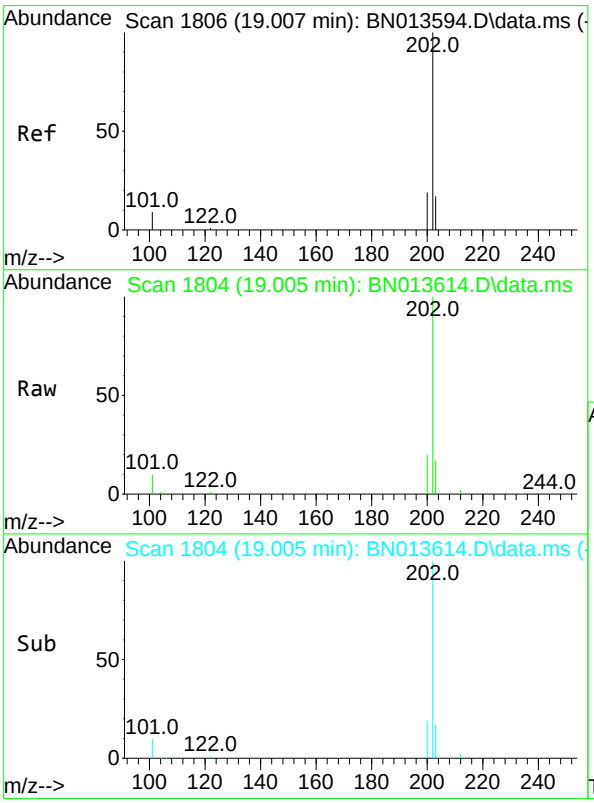


#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:212 Resp: 27184

Ion	Ratio	Lower	Upper
212	100		
106	13.0	9.7	14.5
104	7.3	5.5	8.3

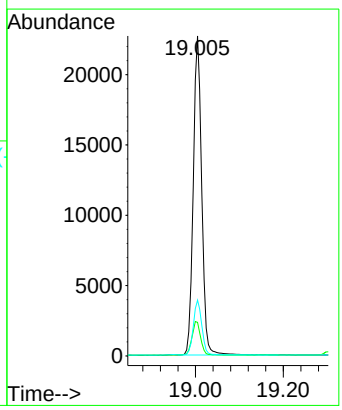




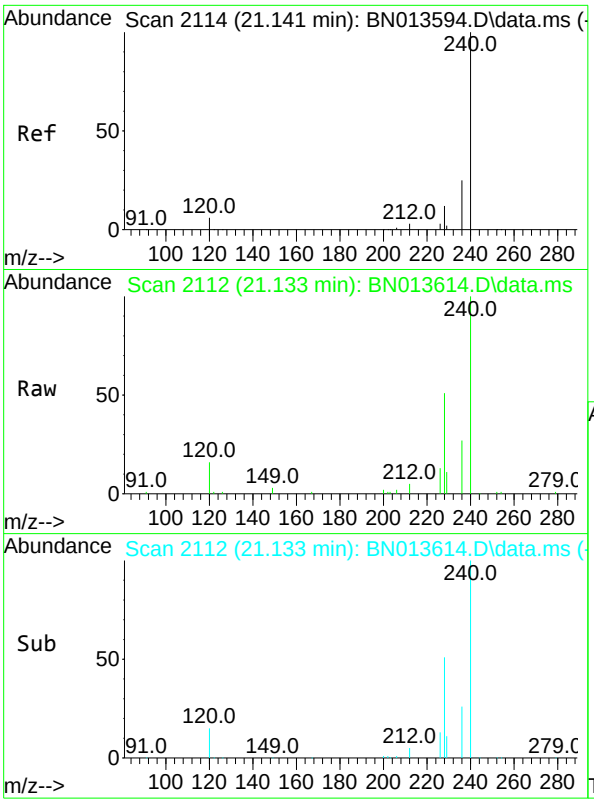
#28
Fluoranthene
Concen: 0.39 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:202 Resp: 30336

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.1	12.1
203	17.0	13.9	20.9



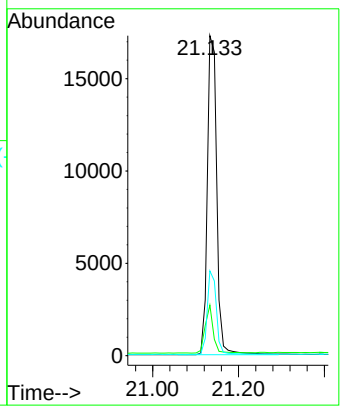
Instrument :
BNA_N
ClientSampleId :
PB134610BS

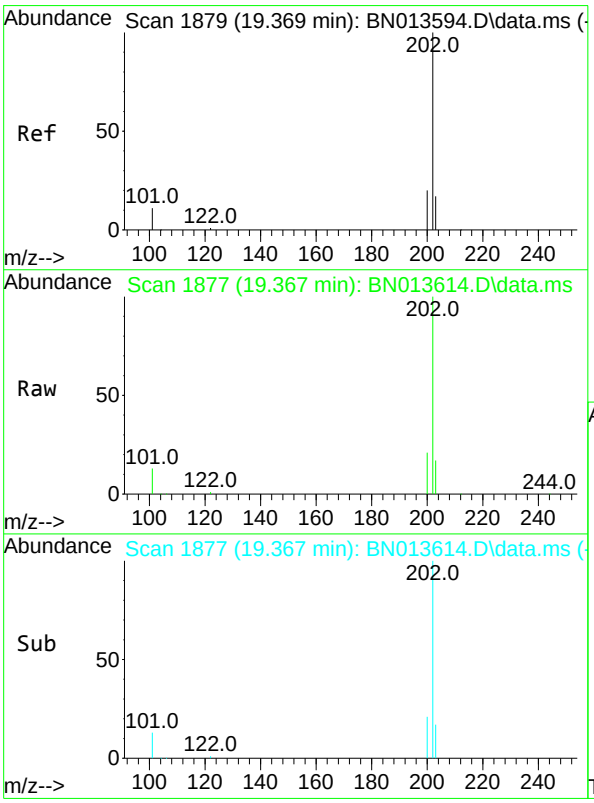


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:240 Resp: 26303

Ion	Ratio	Lower	Upper
240	100		
120	15.8	10.2	15.4#
236	26.5	21.3	31.9

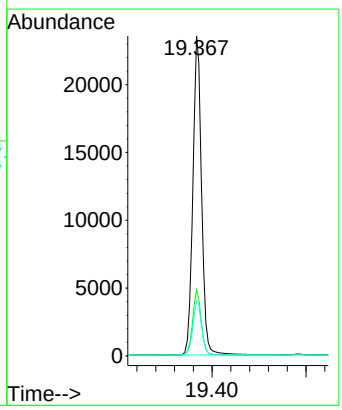




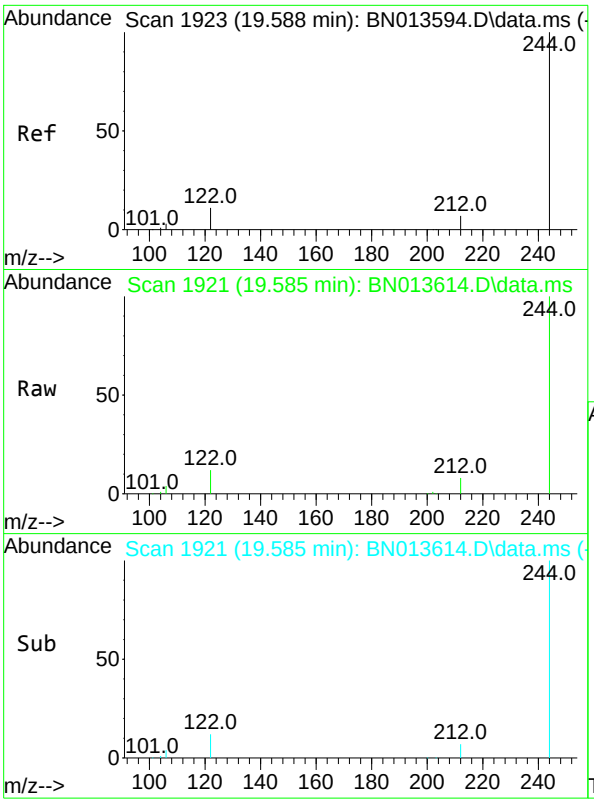
#30
Pyrene
Concen: 0.38 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:202 Resp: 30289

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	17.4	14.0	21.0



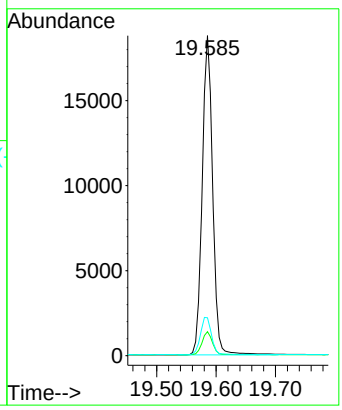
Instrument :
BNA_N
ClientSampleId :
PB134610BS

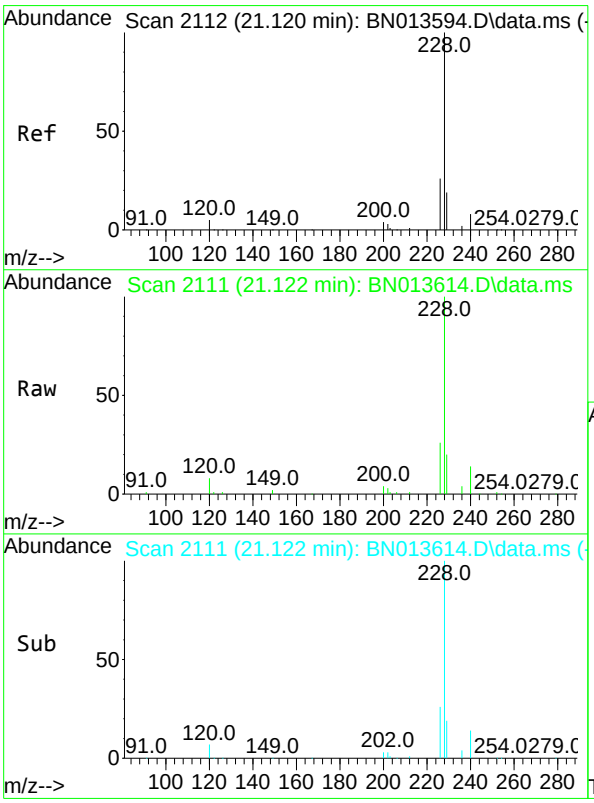


#31
Terphenyl-d14
Concen: 0.39 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:244 Resp: 22979

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.8	9.8	14.8

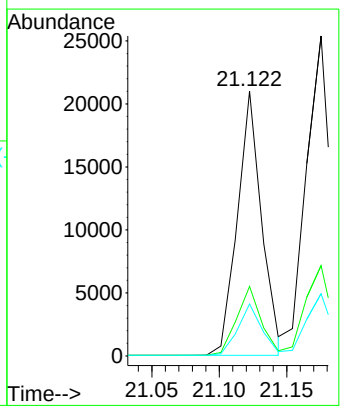




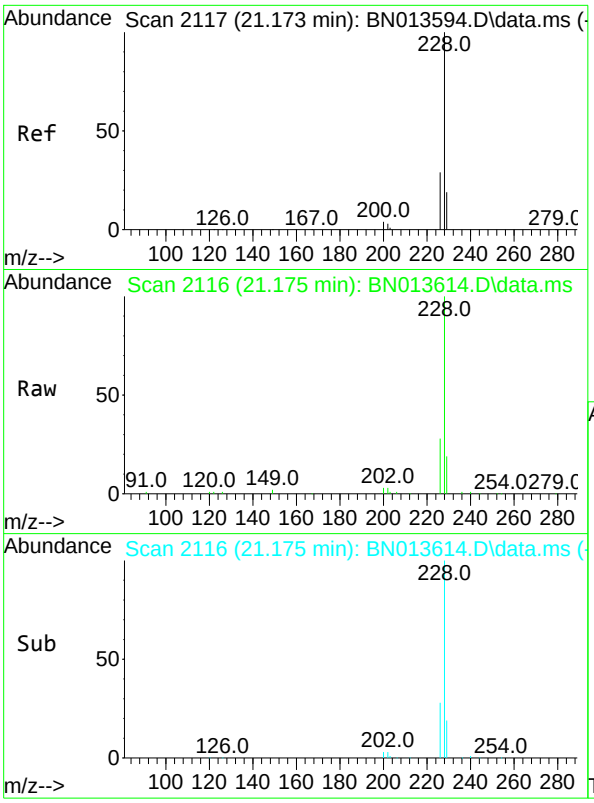
#32
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.122 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:228 Resp: 26225

Ion	Ratio	Lower	Upper
228	100		
226	26.3	20.5	30.7
229	19.7	16.2	24.4



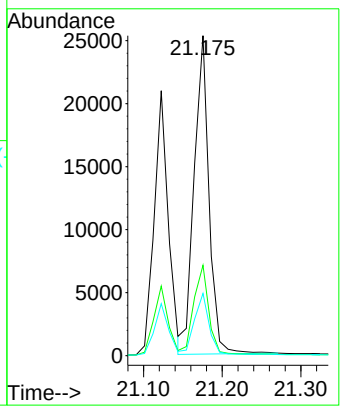
Instrument :
BNA_N
ClientSampleId :
PB134610BS

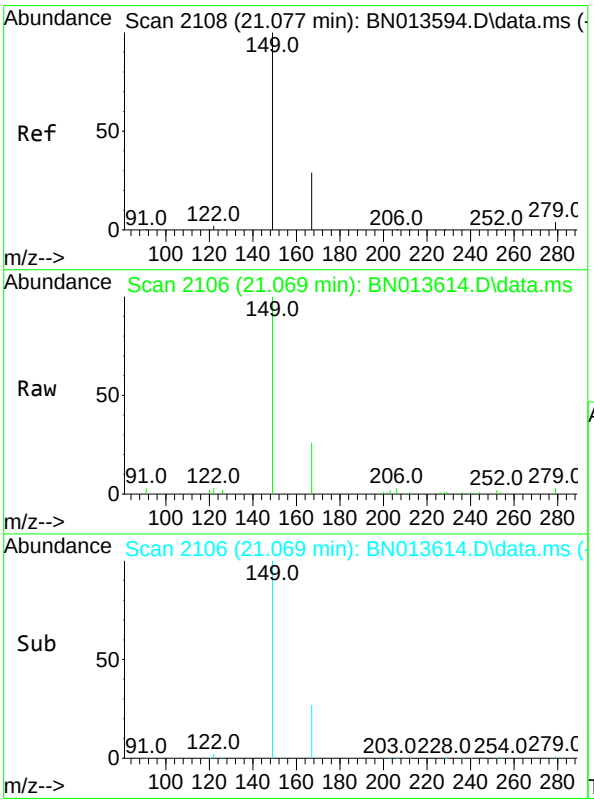


#33
Chrysene
Concen: 0.41 ng
RT: 21.175 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:228 Resp: 33299

Ion	Ratio	Lower	Upper
228	100		
226	28.2	24.3	36.5
229	19.5	15.1	22.7

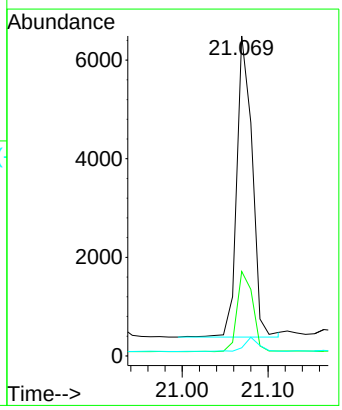




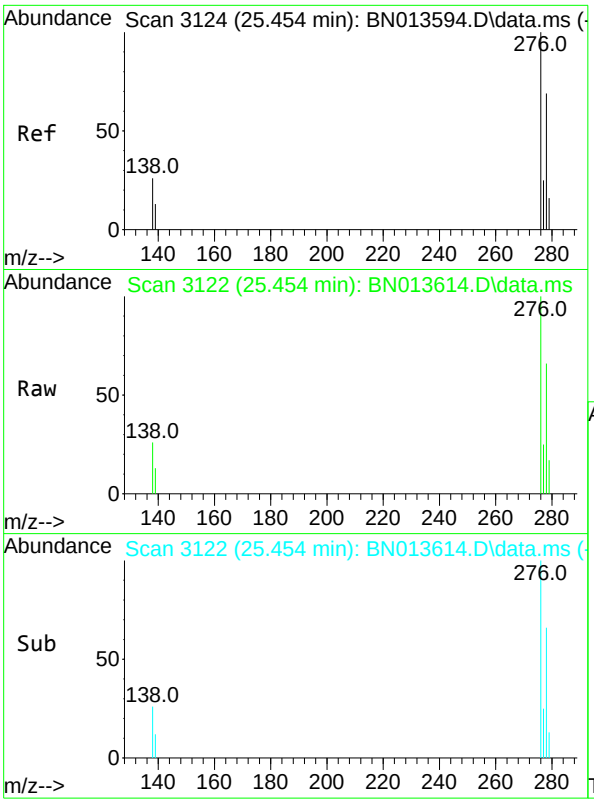
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.069 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:149 Resp: 7595

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.5	3.5	5.3



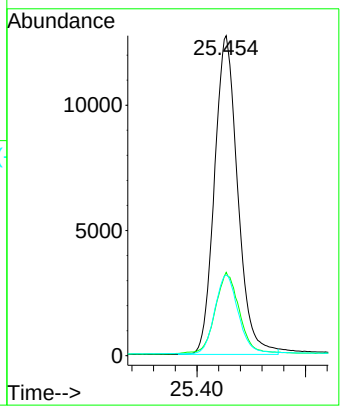
Instrument :
BNA_N
ClientSampleId :
PB134610BS

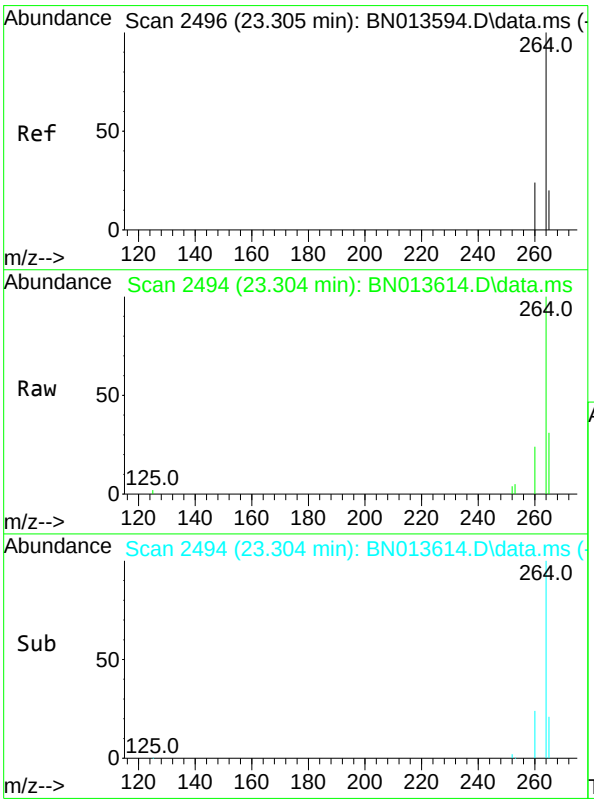


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.45 ng
RT: 25.454 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:276 Resp: 37834

Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.8	29.6
277	25.0	19.9	29.9

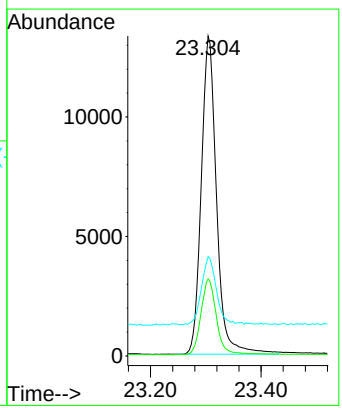




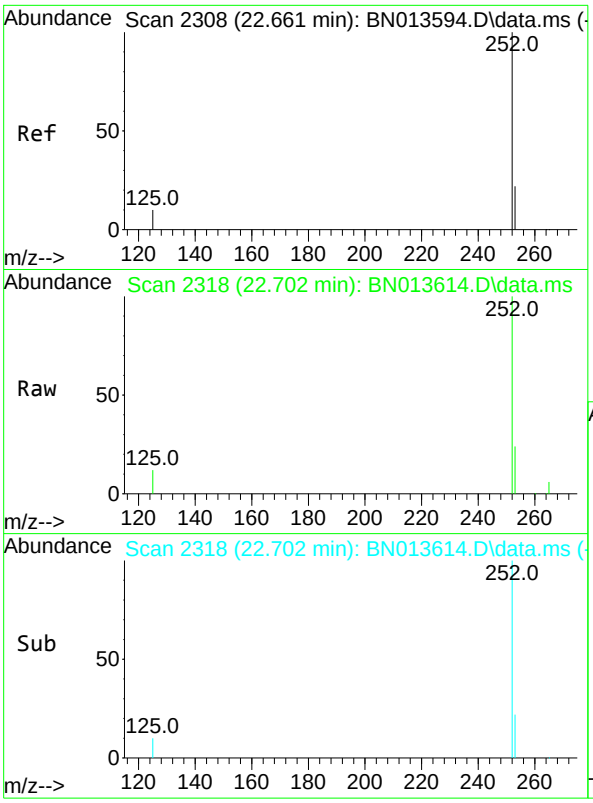
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.304 min Scan# 2494
Delta R.T. -0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:264 Resp: 25531

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.3	28.9
265	31.0	66.2	99.4#



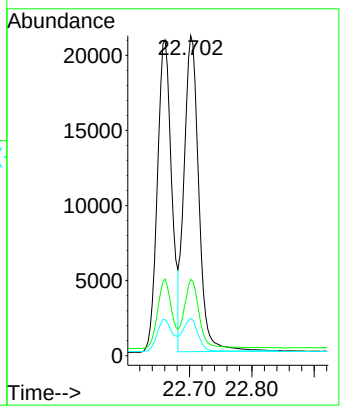
Instrument :
BNA_N
ClientSampleId :
PB134610BS

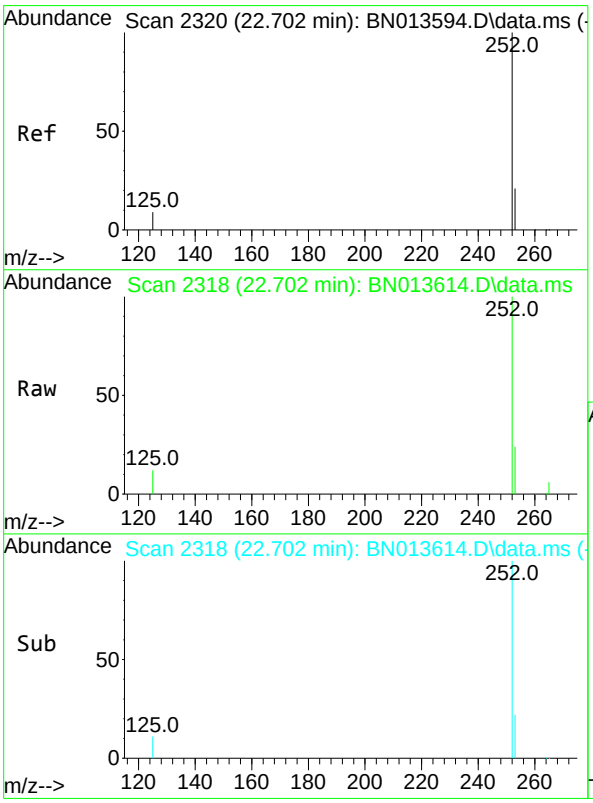


#37
Benzo(b)fluoranthene
Concen: 0.39 ng
RT: 22.702 min Scan# 2318
Delta R.T. 0.040 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:252 Resp: 34533

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.4	30.6
125	11.7	11.6	17.4

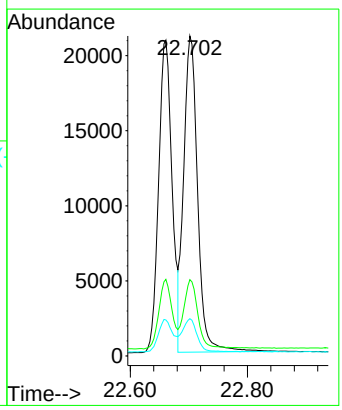




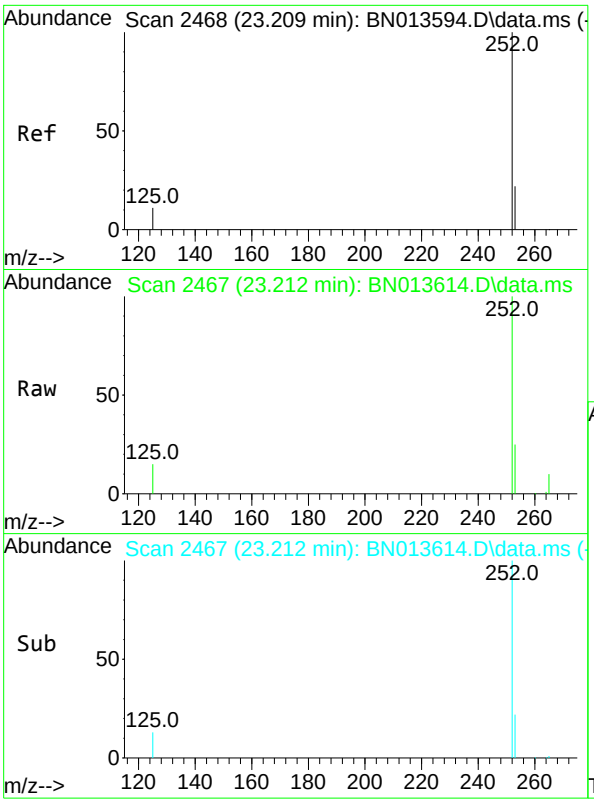
#38
Benzo(k)fluoranthene
Concen: 0.39 ng
RT: 22.702 min Scan# 2318
Delta R.T. -0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:252 Resp: 34673

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.5	30.7
125	11.7	12.3	18.5#



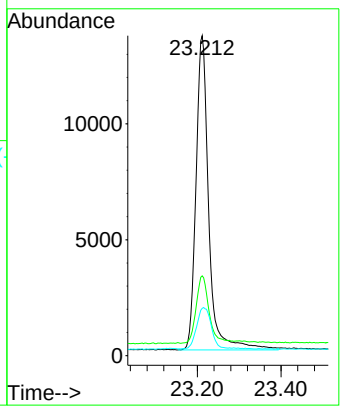
Instrument :
BNA_N
ClientSampleId :
PB134610BS

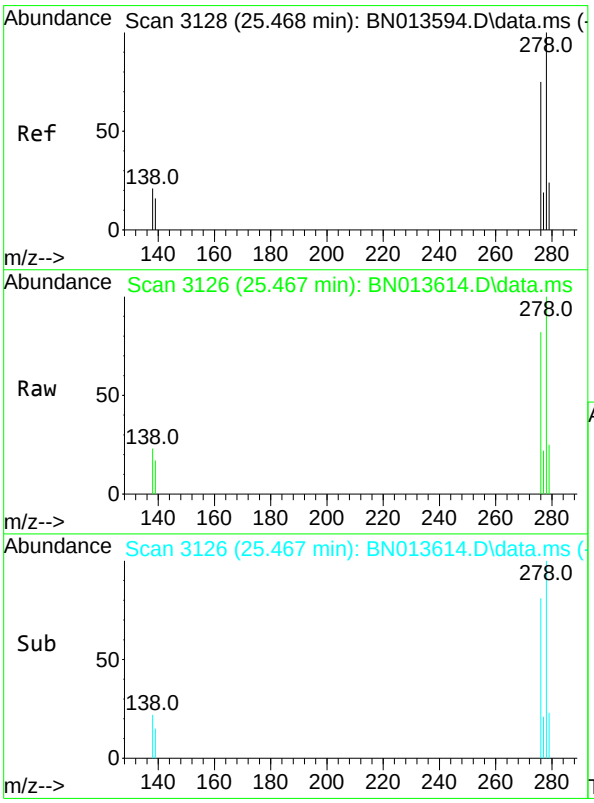


#39
Benzo(a)pyrene
Concen: 0.38 ng
RT: 23.212 min Scan# 2467
Delta R.T. 0.003 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:252 Resp: 28733

Ion	Ratio	Lower	Upper
252	100		
253	24.9	21.8	32.6
125	14.8	14.6	21.8

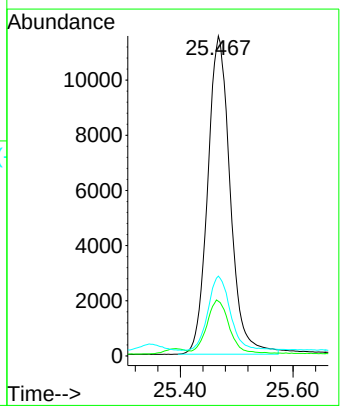


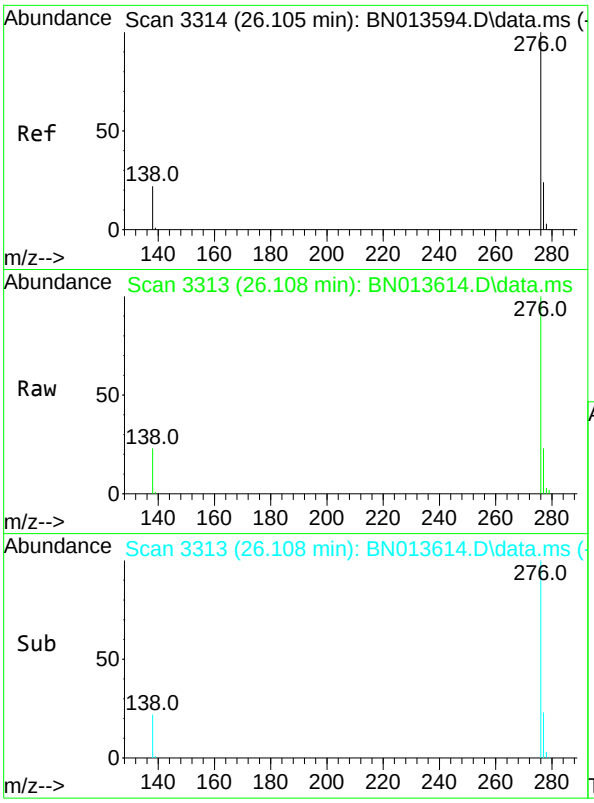


#40
Dibenzo(a,h)anthracene
Concen: 0.40 ng
RT: 25.467 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:278 Resp: 31988

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.1	19.7
279	25.0	21.4	32.0

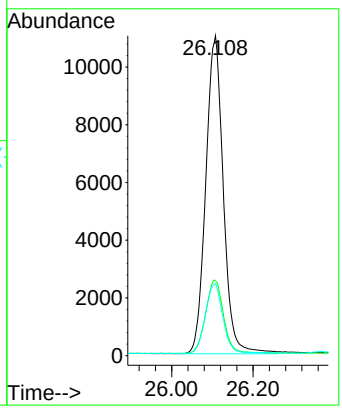




#41
Benzo(g,h,i)perylene
Concen: 0.39 ng
RT: 26.108 min Scan# 3313
Delta R.T. 0.003 min
Lab File: BN013614.D
Acq: 12 Feb 2021 16:04

Tgt Ion:276 Resp: 32969

Ion	Ratio	Lower	Upper
276	100		
277	23.4	20.0	30.0
138	22.5	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134610BS