Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013601.D
Acq On : 08 Feb 2021 17:23
Operator : CG/JU
Sample : SP5452
Misc : 8270-SIM SURROGATE
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 09 01:28:17 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	7937	0.40	ng		0.00
7) Naphthalene-d8	10.315	136	30842	0.40	ng		# 0.00
13) Acenaphthene-d10	14.181	164	16424	0.40	ng		0.00
19) Phenanthrene-d10	16.934	188	31487	0.40	ng		# 0.00
29) Chrysene-d12	21.133	240	23687	0.40	ng		0.00
36) Perylene-d12	23.304	264	18469	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.188	112	103	0.01	ng		0.00
5) Phenol-d6	6.734	99	169	0.01	ng		0.00
8) Nitrobenzene-d5	8.680	82	70	0.00	ng		-0.01
11) 2-Methylnaphthalene-d10	11.875	152	2287	0.05	ng		-0.04
14) 2,4,6-Tribromophenol	15.678	330	31	0.01	ng		0.00
15) 2-Fluorobiphenyl	12.798	172	192	0.00	ng		0.00
27) Fluoranthene-d10	18.975	212	85	0.00	ng		0.00
31) Terphenyl-d14	19.585	244	346	0.01	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	2816	0.32	ng	#	61
3) n-Nitrosodimethylamine	3.488	42	2367	0.37	ng	#	93
6) bis(2-Chloroethyl)ether	6.991	93	7462	0.39	ng		98
9) Naphthalene	10.365	128	27513	0.36	ng		99
10) Hexachlorobutadiene	10.657	225	4527	0.36	ng	#	99
12) 2-Methylnaphthalene	11.982	142	18513	0.36	ng		99
16) Acenaphthylene	13.902	152	22046	0.35	ng		100
17) Acenaphthene	14.245	154	16019	0.35	ng		98
18) Fluorene	15.234	166	19119	0.34	ng		100
20) 4,6-Dinitro-2-methylph...	15.323	198	789	0.33	ng	#	80
21) 4-Bromophenyl-phenylether	16.130	248	5533	0.35	ng	#	83
22) Hexachlorobenzene	16.252	284	6357	0.37	ng		100
23) Atrazine	16.410	200	2387	0.24	ng		97
24) Pentachlorophenol	16.593	266	1826	0.56	ng		99
25) Phenanthrene	16.970	178	29992	0.35	ng		100
26) Anthracene	17.067	178	23926	0.34	ng		100
28) Fluoranthene	19.005	202	27396	0.29	ng		99
30) Pyrene	19.367	202	27550	0.39	ng		100
32) Benzo(a)anthracene	21.122	228	20254	0.32	ng		99
33) Chrysene	21.176	228	24875	0.34	ng		97
34) Bis(2-ethylhexyl)phtha...	21.069	149	5733	0.31	ng		99
35) Indeno(1,2,3-cd)pyrene	25.450	276	22806	0.30	ng		98
37) Benzo(b)fluoranthene	22.657	252	22252	0.35	ng		97
38) Benzo(k)fluoranthene	22.702	252	21525	0.33	ng	#	97
39) Benzo(a)pyrene	23.208	252	16783	0.31	ng		97
40) Dibenzo(a,h)anthracene	25.467	278	19014	0.33	ng		98
41) Benzo(g,h,i)perylene	26.108	276	20857	0.34	ng		99

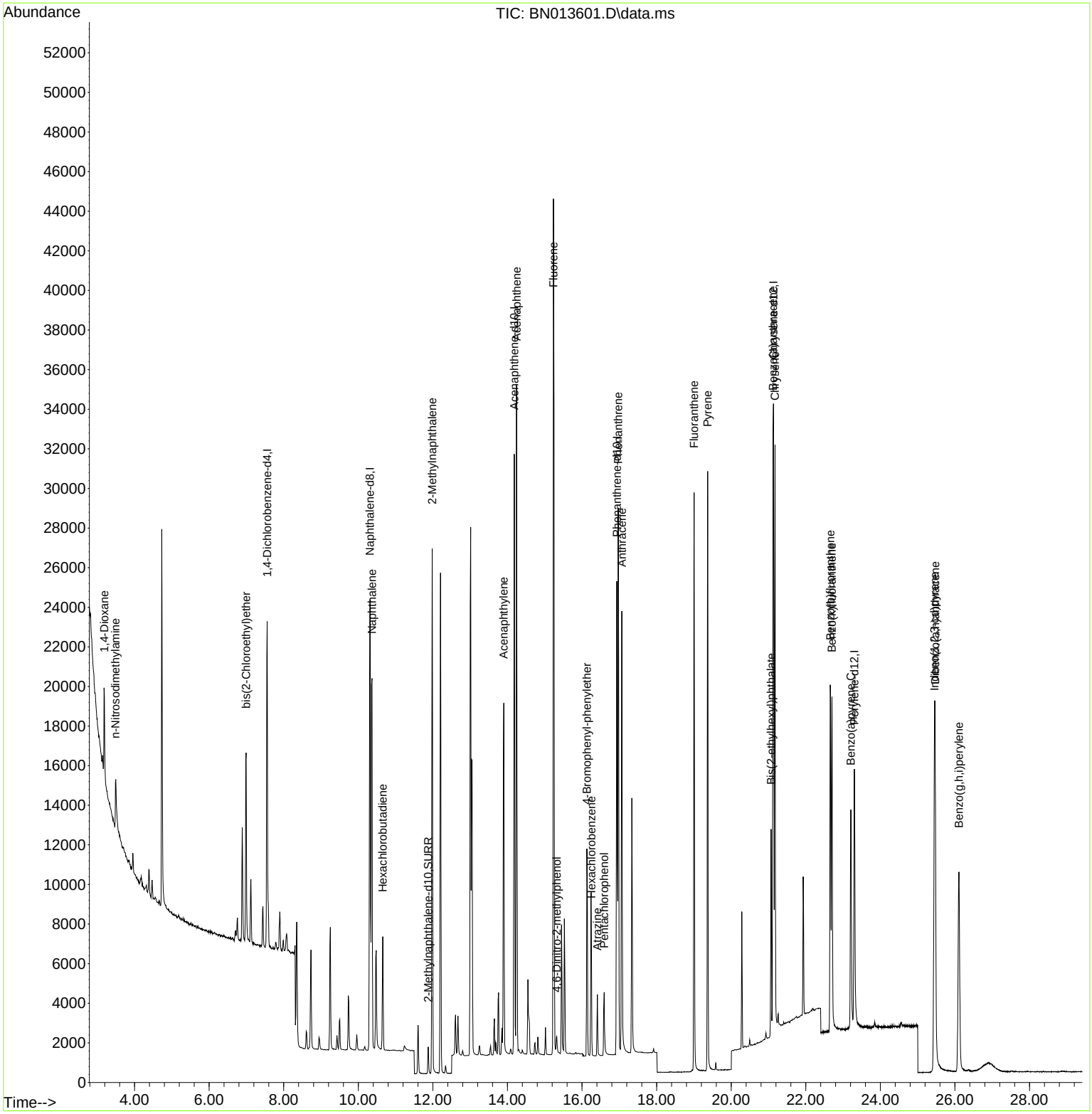
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

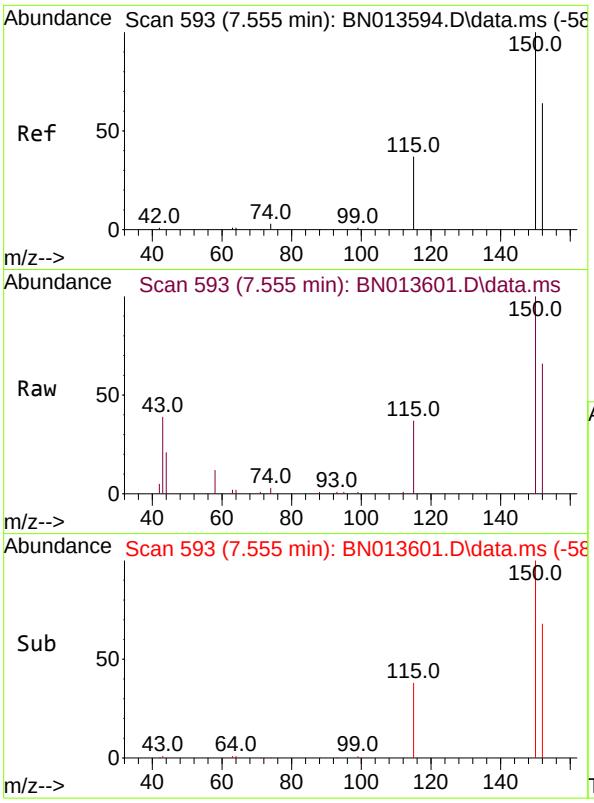
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020821\
Data File : BN013601.D
Acq On : 08 Feb 2021 17:23
Operator : CG/JU
Sample : SP5452
Misc : 8270-SIM SURROGATE
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 09 01:28:17 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



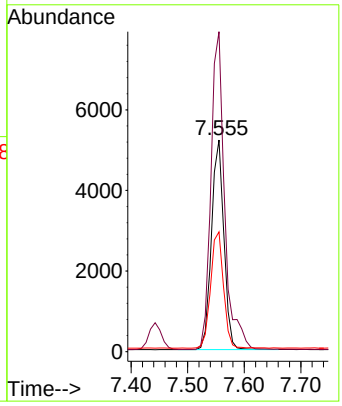
Instrument :
BNA_N
ClientSampleId :

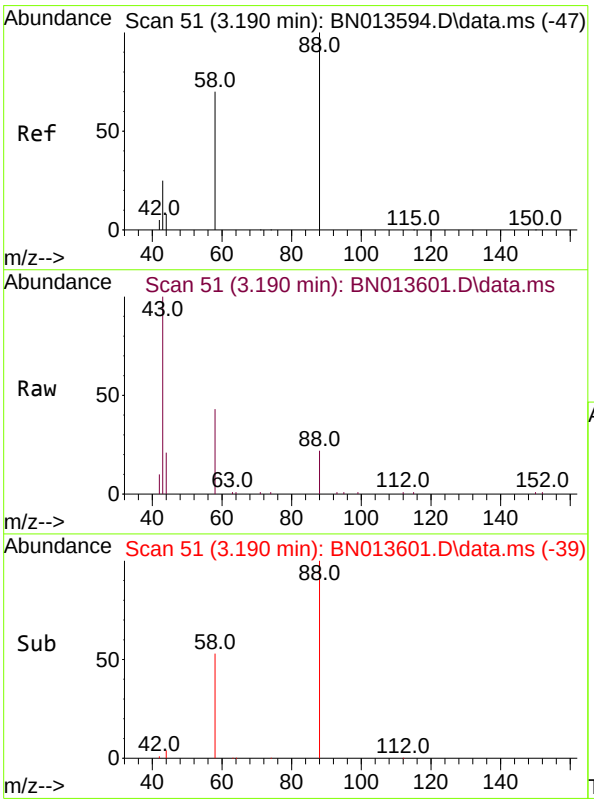


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.555 min Scan# 593
Delta R.T. 0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:152 Resp: 7937

Ion	Ratio	Lower	Upper
152	100		
150	151.2	121.8	182.8
115	56.7	46.6	69.8

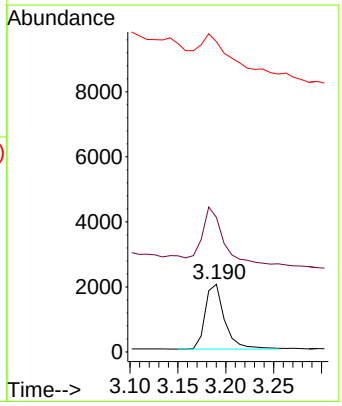




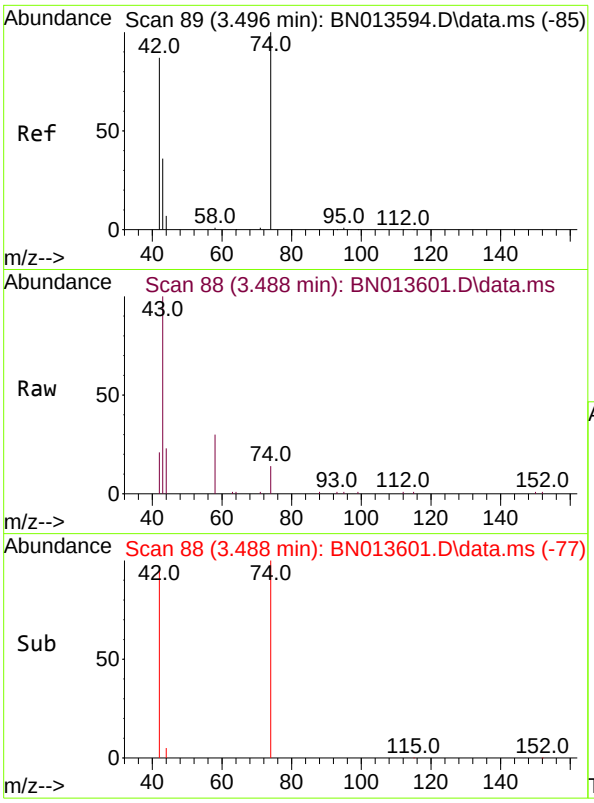
#2
1,4-Dioxane
Concen: 0.32 ng
RT: 3.190 min Scan# 51
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion: 88 Resp: 2816

Ion	Ratio	Lower	Upper
88	100		
58	94.0	64.6	96.8
43	88.0	26.6	40.0#



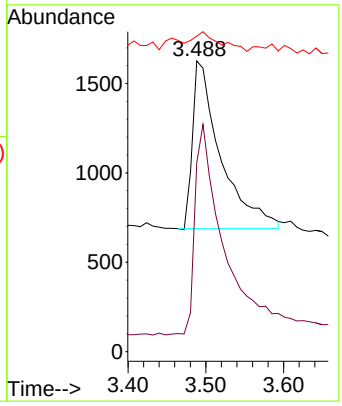
Instrument :
BNA_N
ClientSampleId :

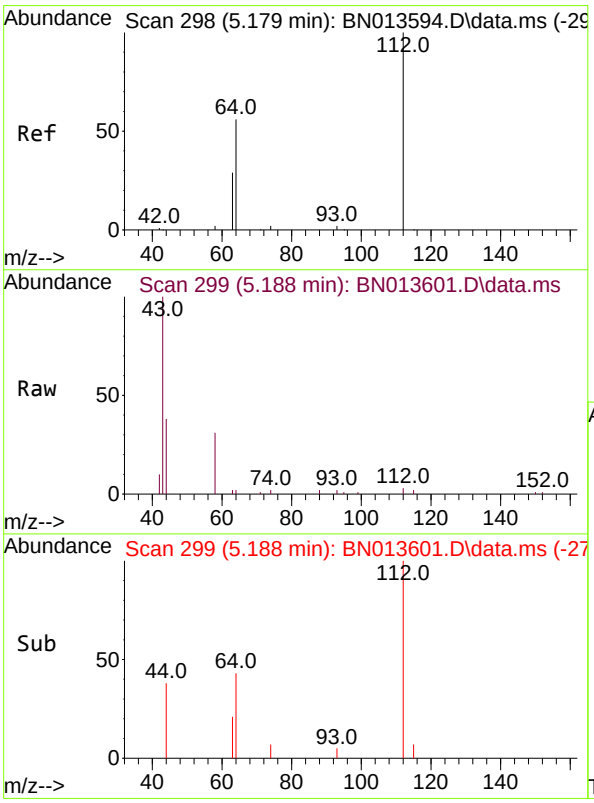


#3
n-Nitrosodimethylamine
Concen: 0.37 ng
RT: 3.488 min Scan# 88
Delta R.T. -0.008 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion: 42 Resp: 2367

Ion	Ratio	Lower	Upper
42	100		
74	126.6	95.0	142.6
44	10.9	5.8	8.8#

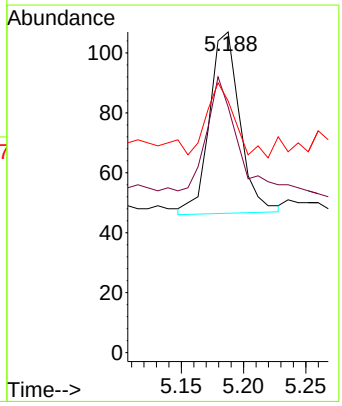


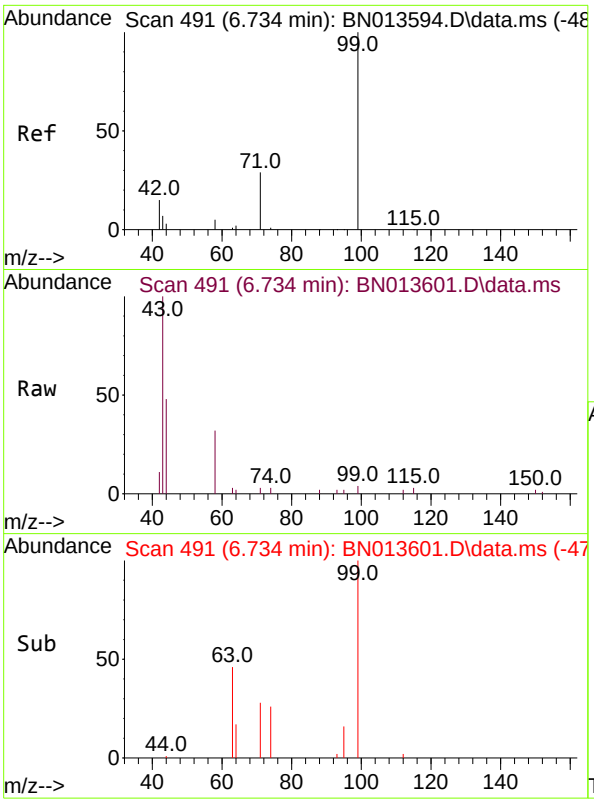


#4
2-Fluorophenol
Concen: 0.01 ng
RT: 5.188 min Scan# 299
Delta R.T. 0.008 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:112 Resp: 103

Ion	Ratio	Lower	Upper
112	100		
64	72.8	44.3	66.5#
63	37.9	23.0	34.6#

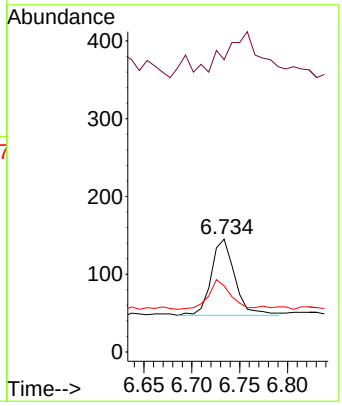




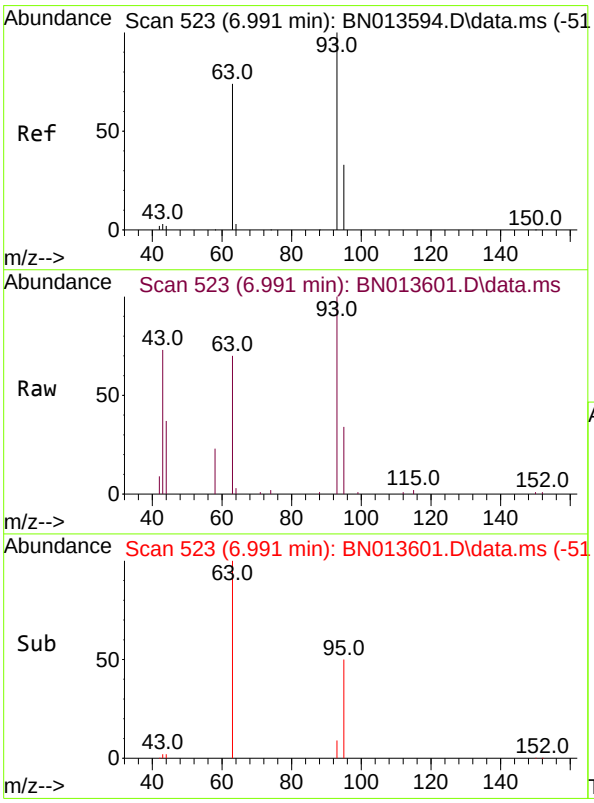
#5
Phenol-d6
Concen: 0.01 ng
RT: 6.734 min Scan# 491
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion: 99 Resp: 169

Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.2	22.8#
71	34.9	26.1	39.1



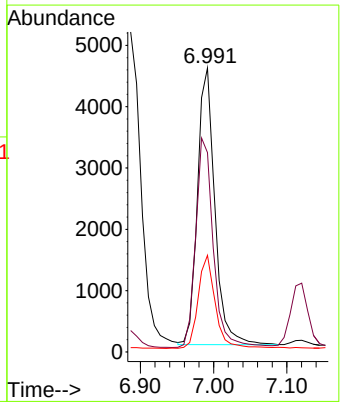
Instrument :
BNA_N
ClientSampleId :

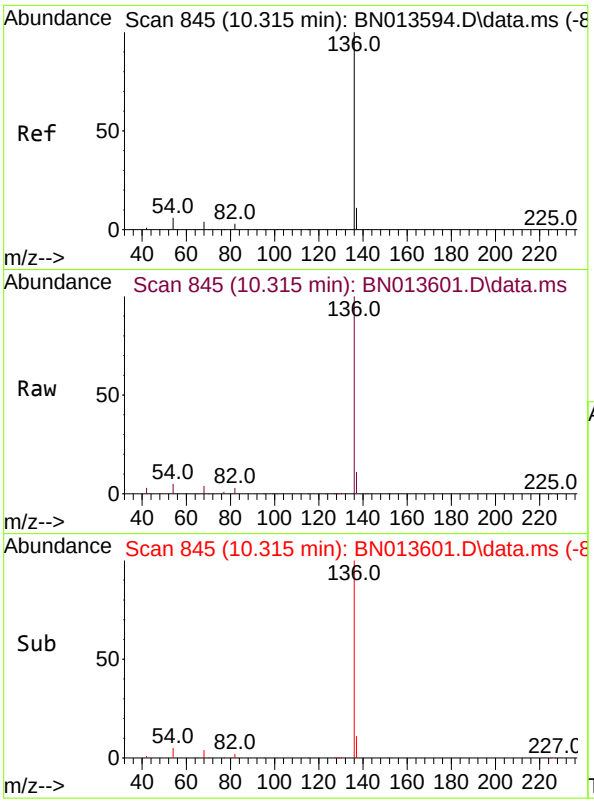


#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 6.991 min Scan# 523
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion: 93 Resp: 7462

Ion	Ratio	Lower	Upper
93	100		
63	77.0	60.8	91.2
95	33.8	26.0	39.0

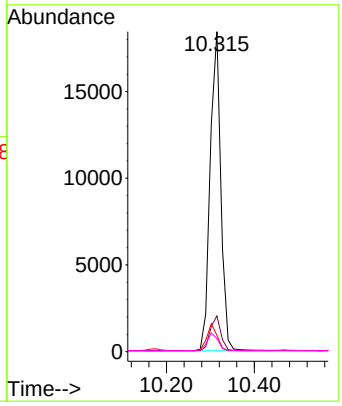




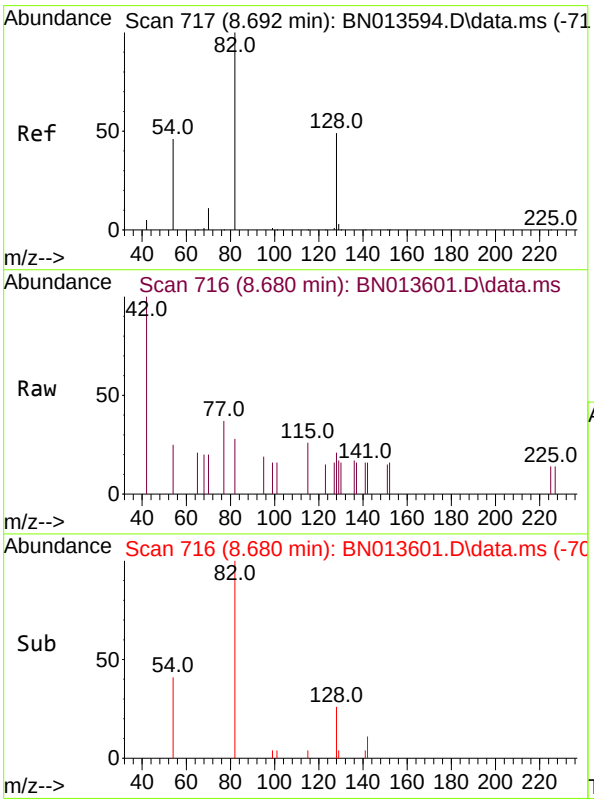
#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.315 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:136 Resp: 30842

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.6
54	5.1	6.4	9.6#
68	4.1	4.5	6.7#



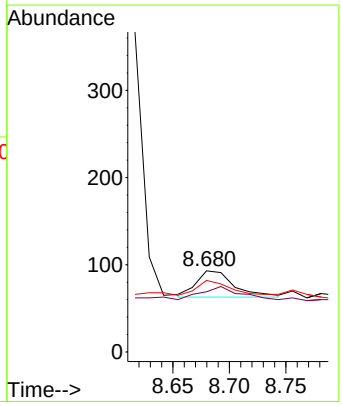
Instrument :
BNA_N
ClientSampleId :

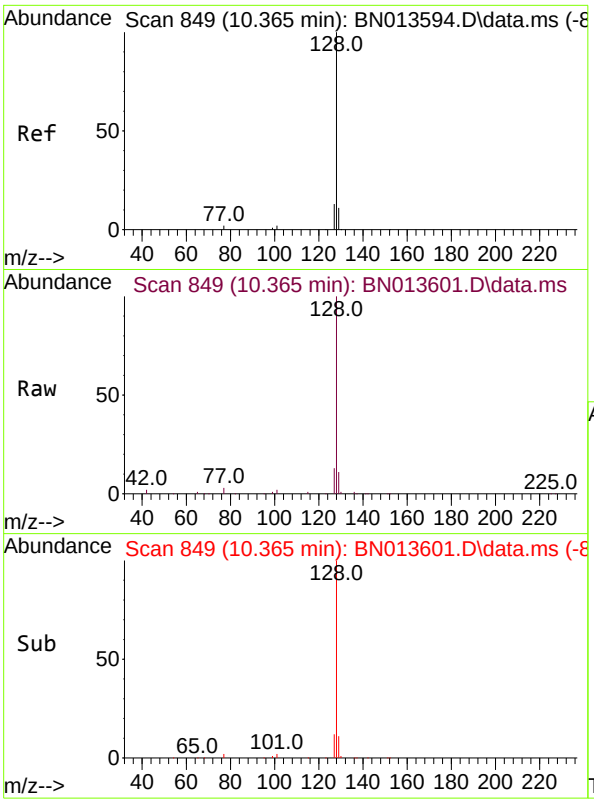


#8
Nitrobenzene-d5
Concen: 0.00 ng
RT: 8.680 min Scan# 716
Delta R.T. -0.013 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion: 82 Resp: 70

Ion	Ratio	Lower	Upper
82	100		
128	74.2	39.2	58.8#
54	88.2	40.1	60.1#

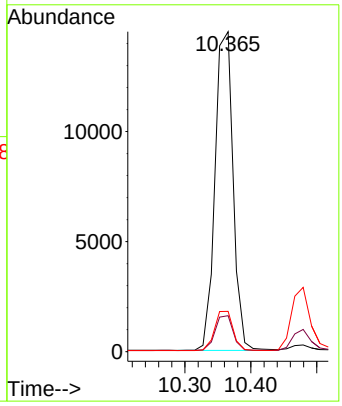




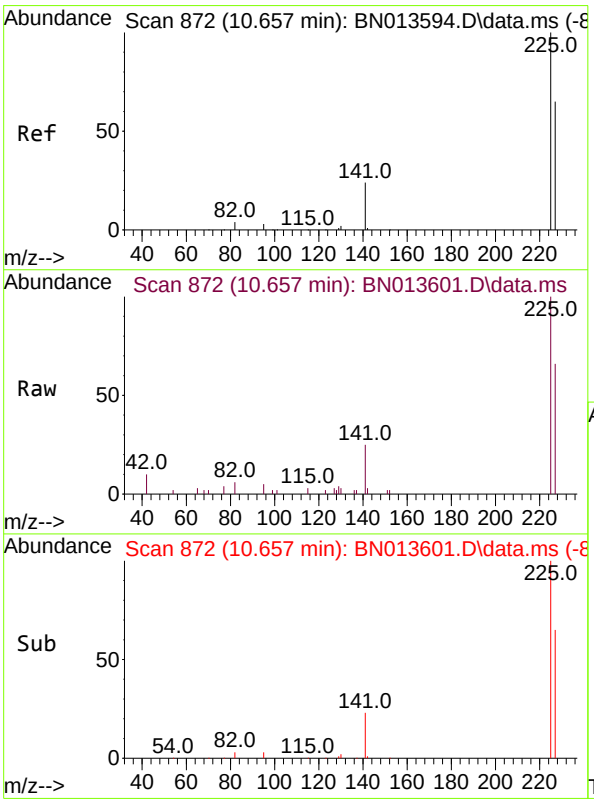
#9
Naphthalene
Concen: 0.36 ng
RT: 10.365 min Scan# 849
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:128 Resp: 27513

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	12.6	10.4	15.6



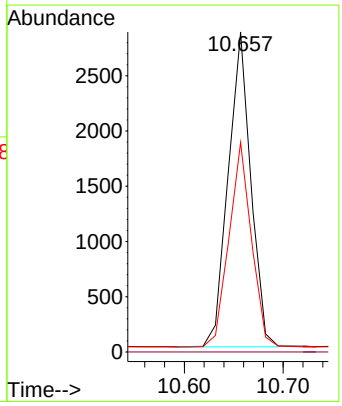
Instrument :
BNA_N
ClientSampleId :



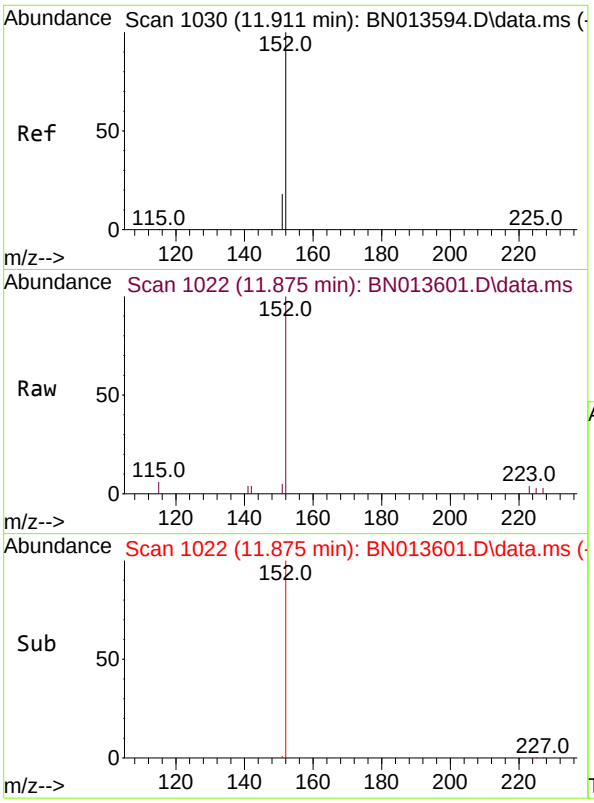
#10
Hexachlorobutadiene
Concen: 0.36 ng
RT: 10.657 min Scan# 872
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:225 Resp: 4527

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.6	51.2	76.8



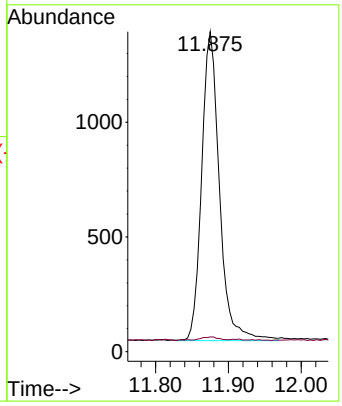
Instrument :
BNA_N
ClientSampleId :

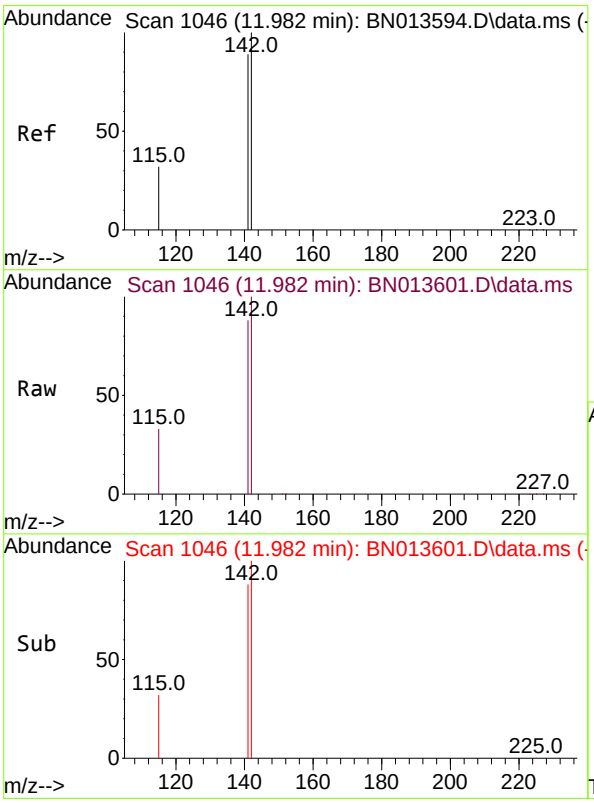


#11
2-Methylnaphthalene-d10
Concen: 0.05 ng
RT: 11.875 min Scan# 1022
Delta R.T. -0.036 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:152 Resp: 2287

Ion	Ratio	Lower	Upper
152	100		
151	1.0	16.2	24.2#

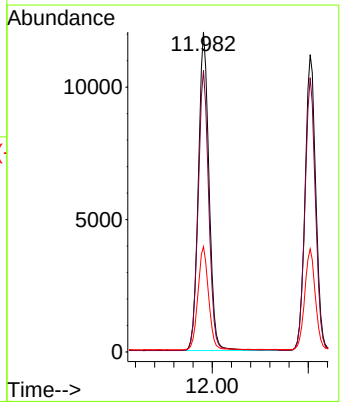




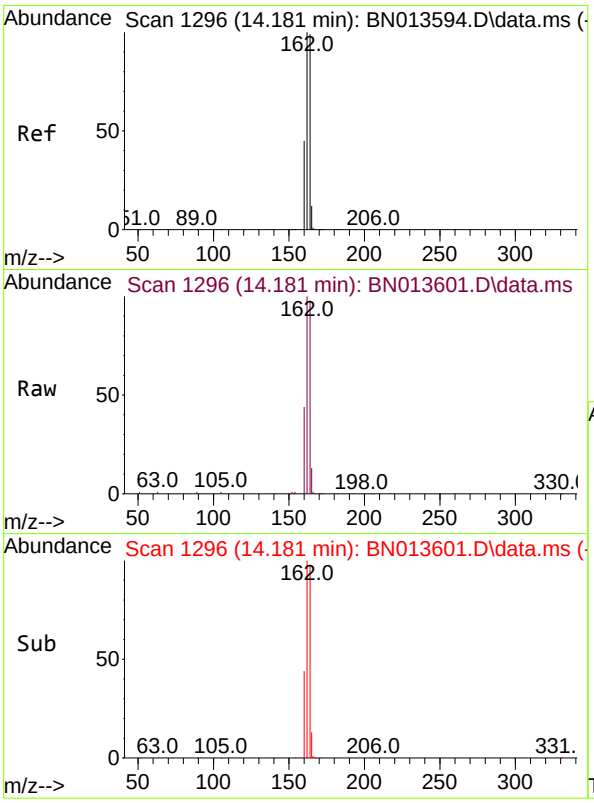
#12
2-Methylnaphthalene
Concen: 0.36 ng
RT: 11.982 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:142 Resp: 18513

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.5	105.7
115	32.9	27.4	41.0



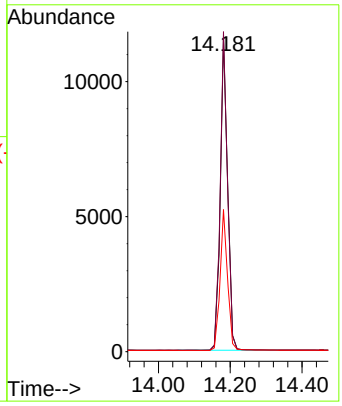
Instrument :
BNA_N
ClientSampleId :

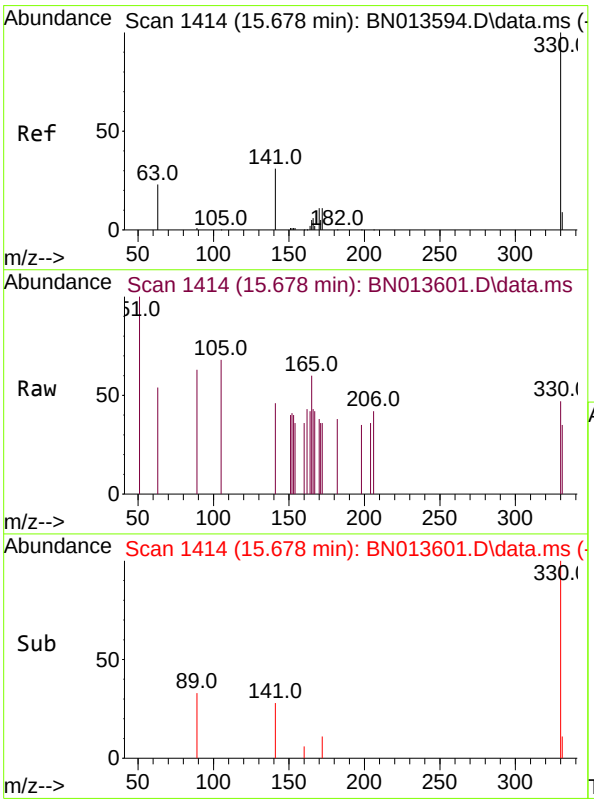


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.181 min Scan# 1296
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:164 Resp: 16424

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.6	119.4
160	45.1	36.0	54.0

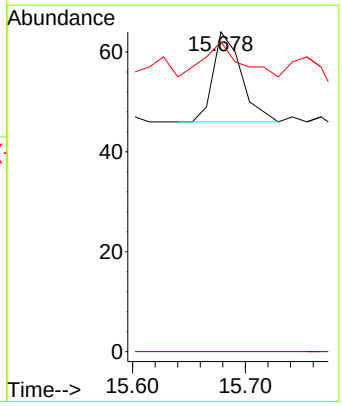


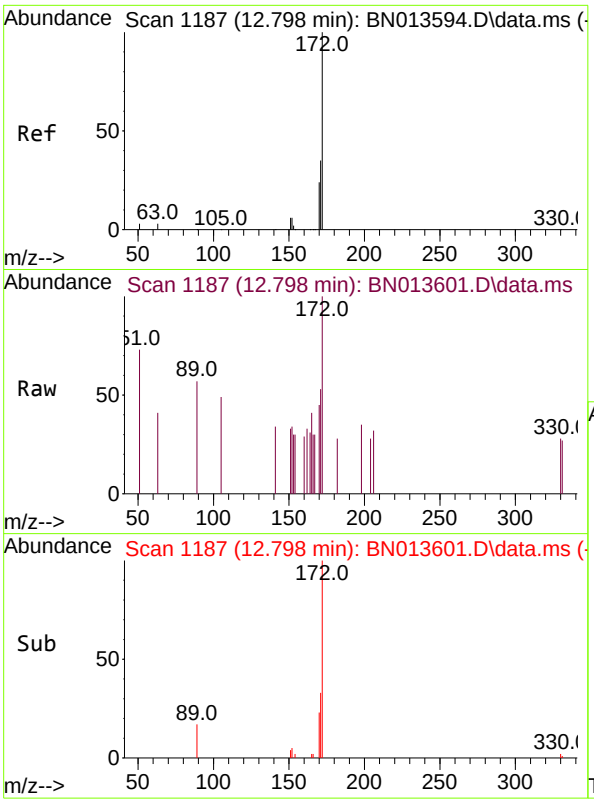


#14
2,4,6-Tribromophenol
Concen: 0.01 ng
RT: 15.678 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:330 Resp: 31

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	48.4	26.8	40.2#

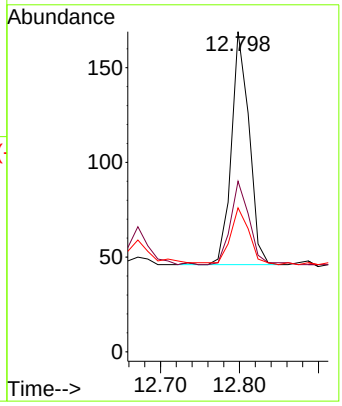




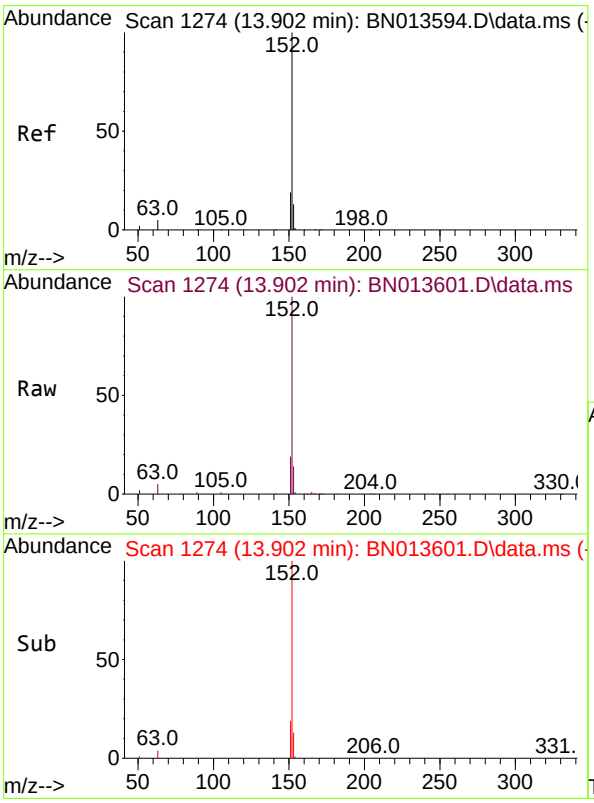
#15
2-Fluorobiphenyl
Concen: 0.00 ng
RT: 12.798 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:172 Resp: 192

Ion	Ratio	Lower	Upper
172	100		
171	53.3	28.6	42.8#
170	45.0	18.9	28.3#



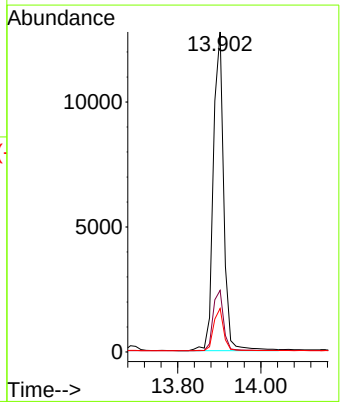
Instrument :
BNA_N
ClientSampleId :



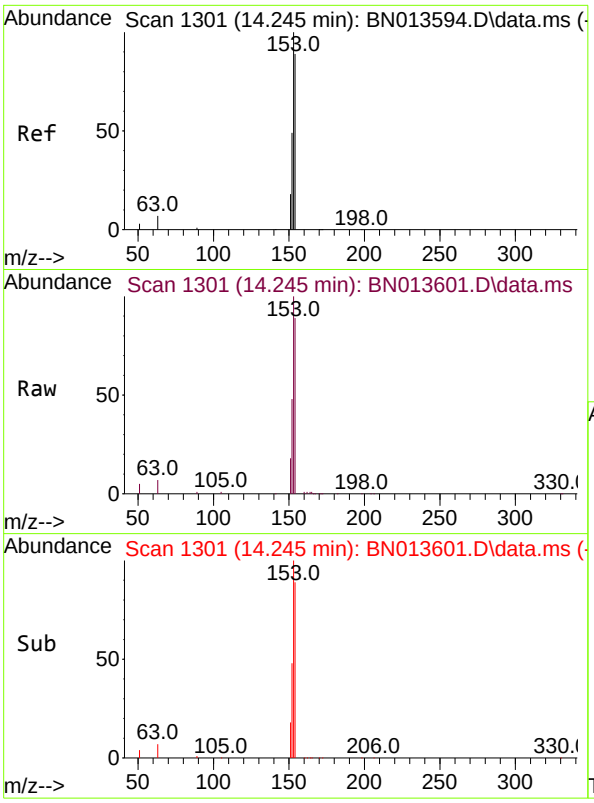
#16
Acenaphthylene
Concen: 0.35 ng
RT: 13.902 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:152 Resp: 22046

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.1	10.5	15.7



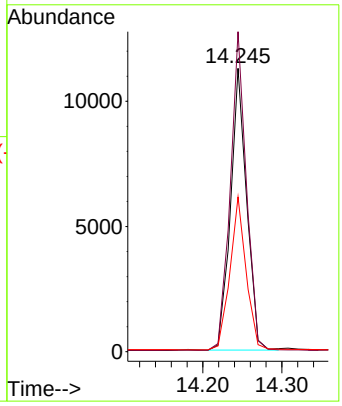
Instrument :
BNA_N
ClientSampleId :

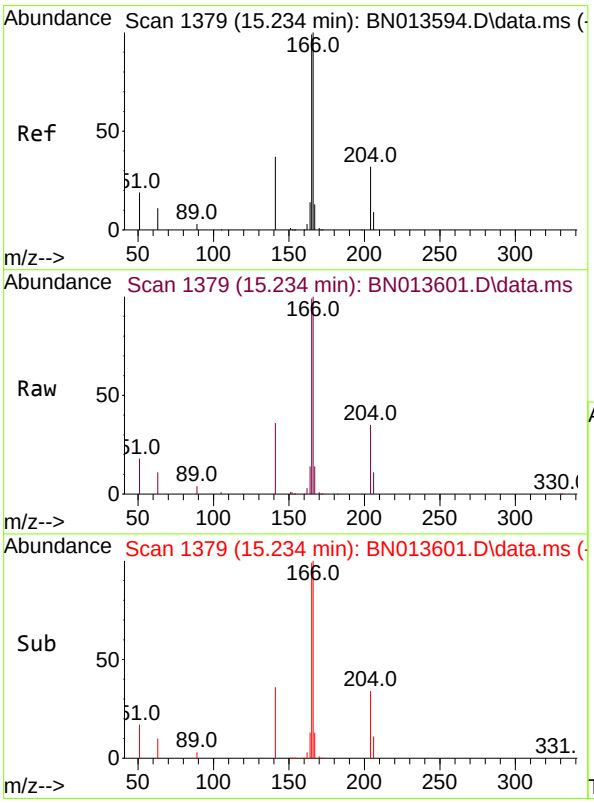


#17
Acenaphthene
Concen: 0.35 ng
RT: 14.245 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:154 Resp: 16019

Ion	Ratio	Lower	Upper
154	100		
153	113.0	88.4	132.6
152	54.6	43.0	64.4

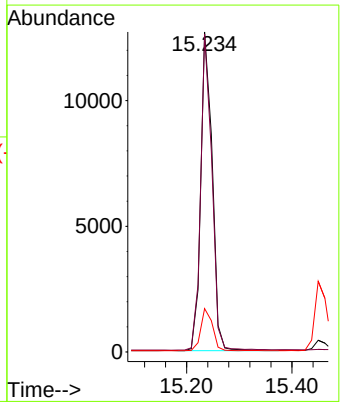


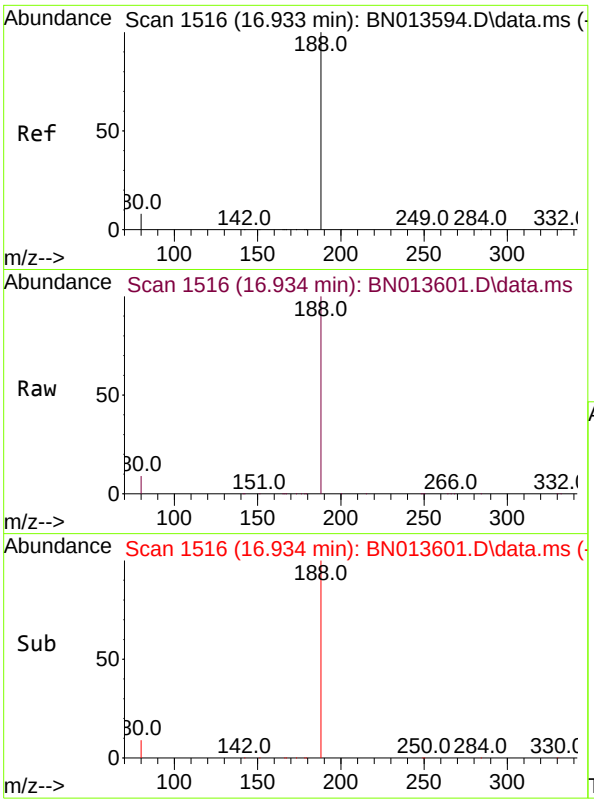


#18
Fluorene
Concen: 0.34 ng
RT: 15.234 min Scan# 1379
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:166 Resp: 19119

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.8	116.8
167	13.5	10.6	16.0

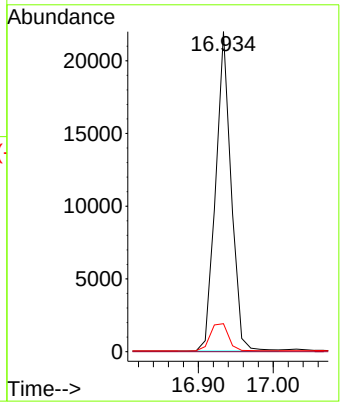




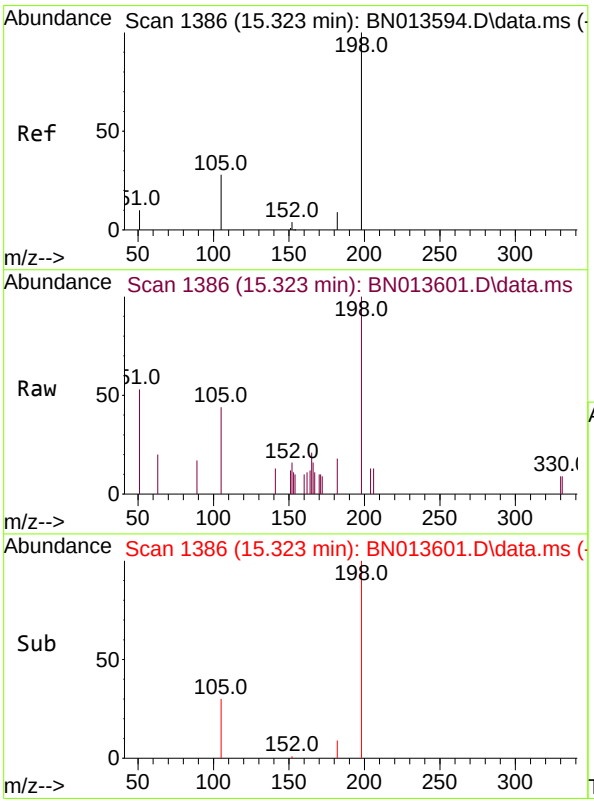
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.934 min Scan# 1516
Delta R.T. 0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:188 Resp: 31487

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	9.0	13.6#



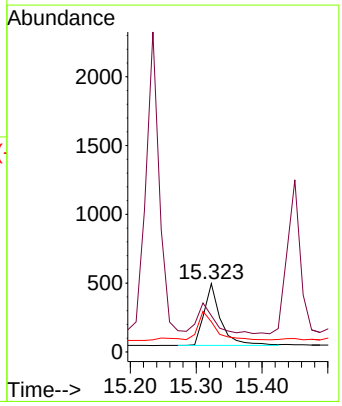
Instrument :
BNA_N
ClientSampleId :



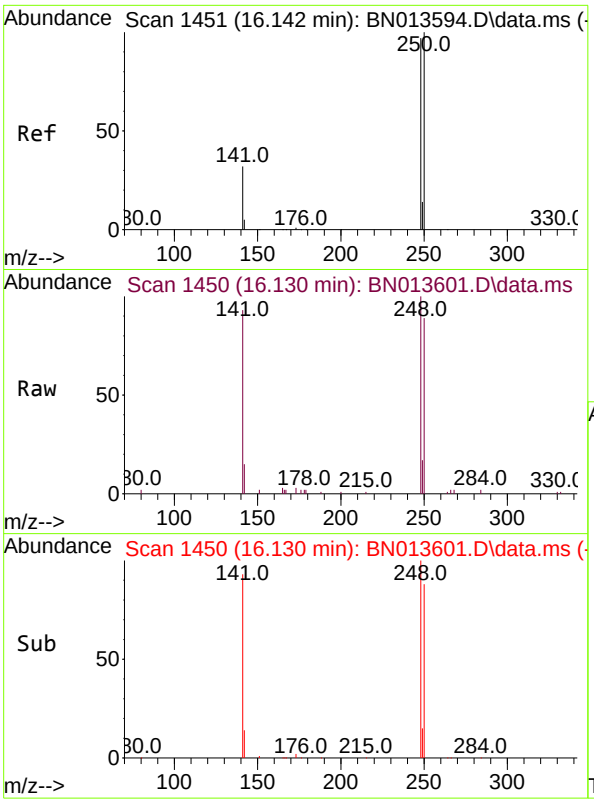
#20
4,6-Dinitro-2-methylphenol
Concen: 0.33 ng
RT: 15.323 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:198 Resp: 789

Ion	Ratio	Lower	Upper
198	100		
51	53.2	61.7	92.5#
105	44.4	33.0	49.6



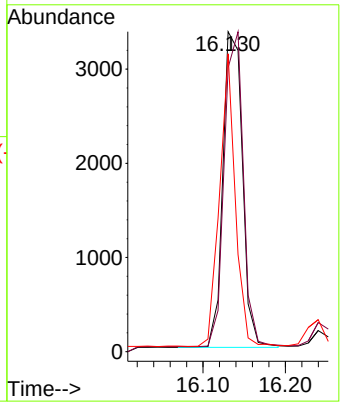
Instrument :
BNA_N
ClientSampleId :

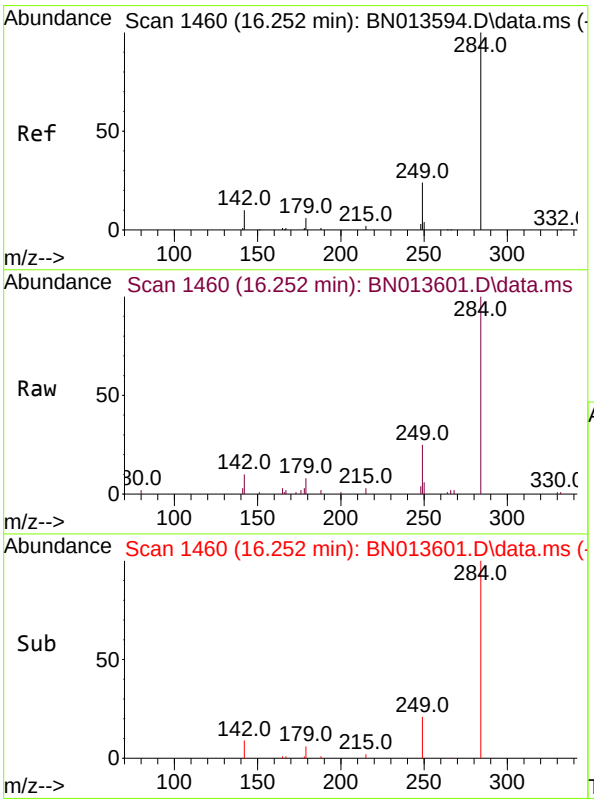


#21
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.130 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:248 Resp: 5533

Ion	Ratio	Lower	Upper
248	100		
250	88.8	75.5	113.3
141	93.1	53.8	80.8#

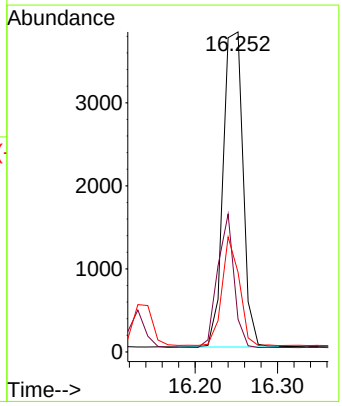




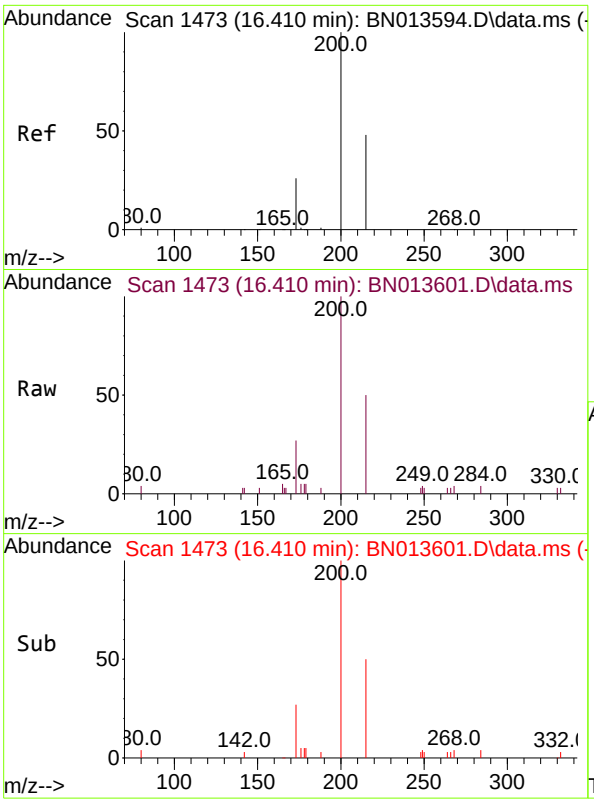
#22
Hexachlorobenzene
Concen: 0.37 ng
RT: 16.252 min Scan# 1460
Delta R.T. 0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:284 Resp: 6357

Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.9	41.9
249	29.9	24.2	36.2



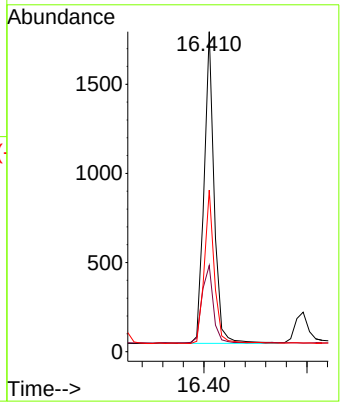
Instrument :
BNA_N
ClientSampleId :

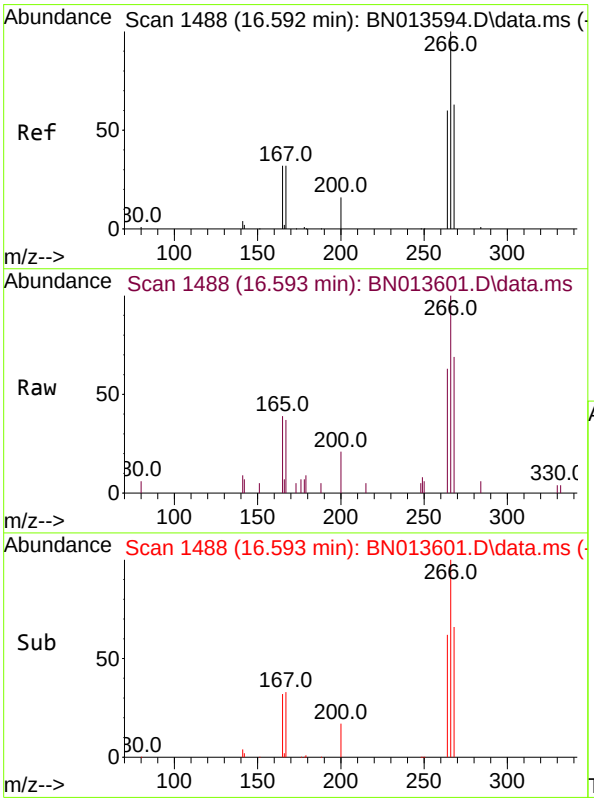


#23
Atrazine
Concen: 0.24 ng
RT: 16.410 min Scan# 1473
Delta R.T. 0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:200 Resp: 2387

Ion	Ratio	Lower	Upper
200	100		
173	27.0	18.6	28.0
215	50.5	41.0	61.6

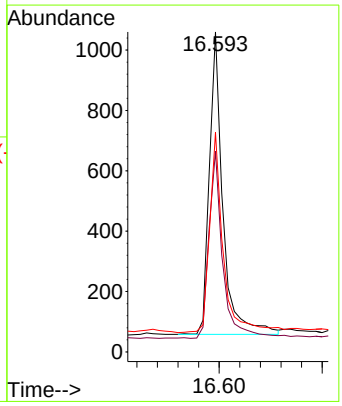


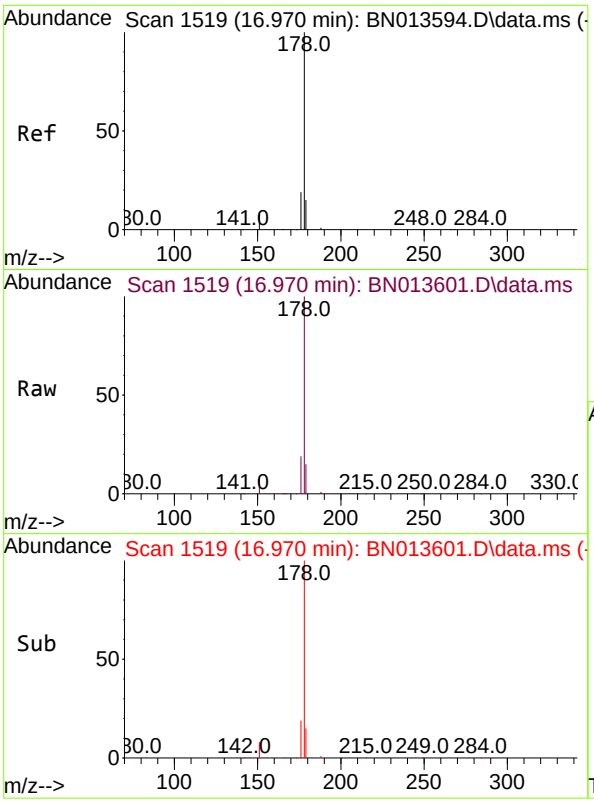


#24
Pentachlorophenol
Concen: 0.56 ng
RT: 16.593 min Scan# 1488
Delta R.T. 0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:266 Resp: 1826

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.6	77.4
268	66.6	54.6	82.0

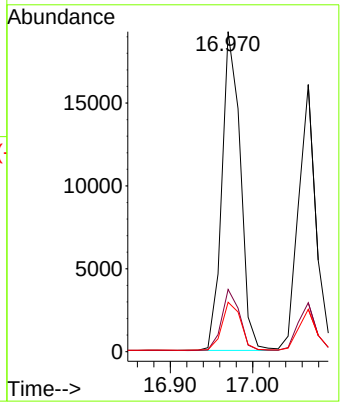




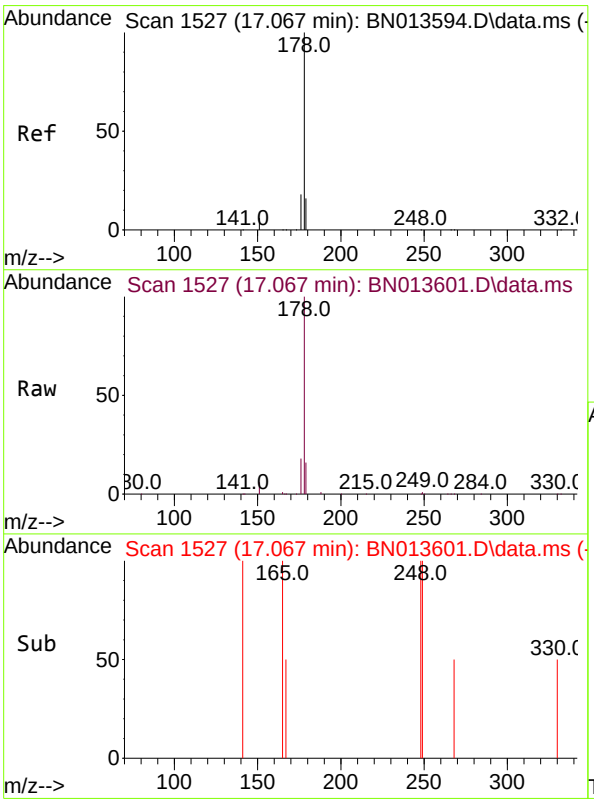
#25
Phenanthrene
Concen: 0.35 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:178 Resp: 29992

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.4	12.3	18.5



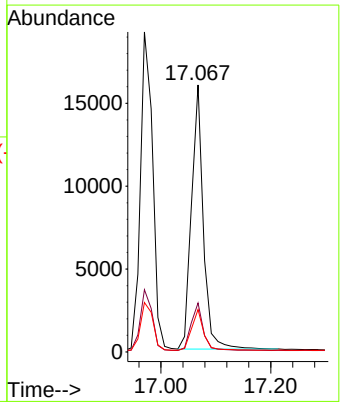
Instrument :
BNA_N
ClientSampleId :

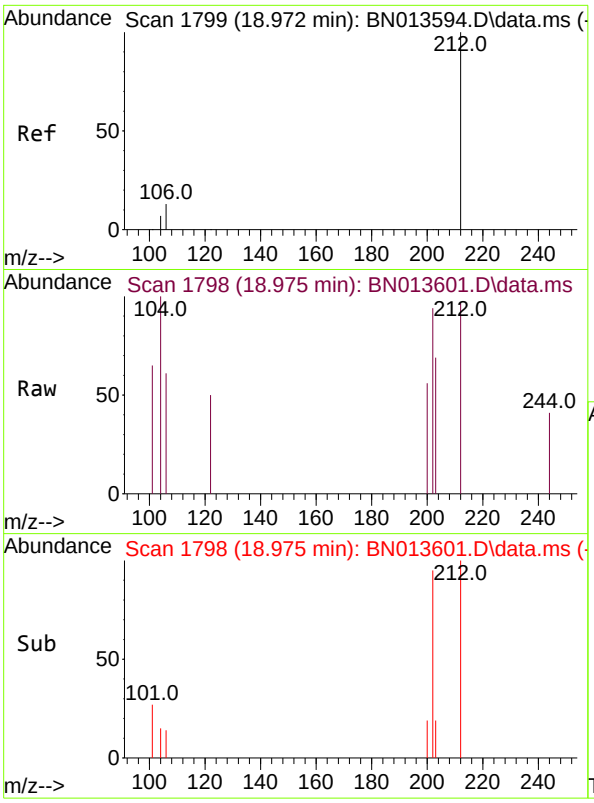


#26
Anthracene
Concen: 0.34 ng
RT: 17.067 min Scan# 1527
Delta R.T. 0.000 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:178 Resp: 23926

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.4	12.2	18.2

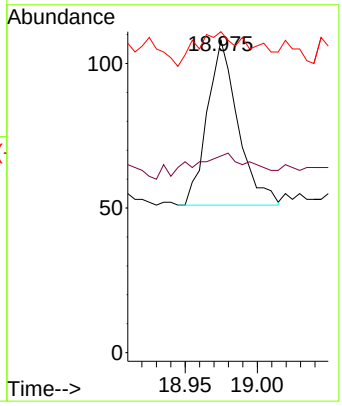




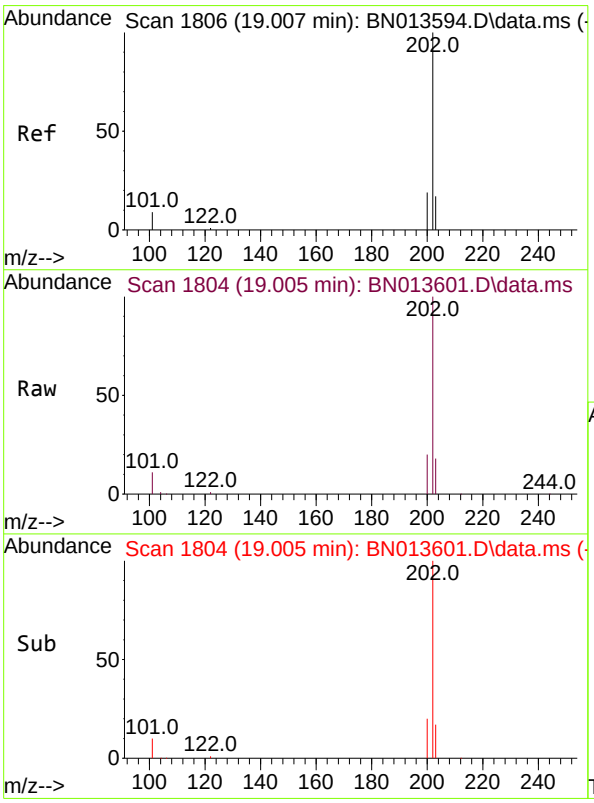
#27
Fluoranthene-d10
Concen: 0.00 ng
RT: 18.975 min Scan# 1798
Delta R.T. 0.003 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:212 Resp: 85

Ion	Ratio	Lower	Upper
212	100		
106	29.4	9.7	14.5#
104	36.5	5.5	8.3#



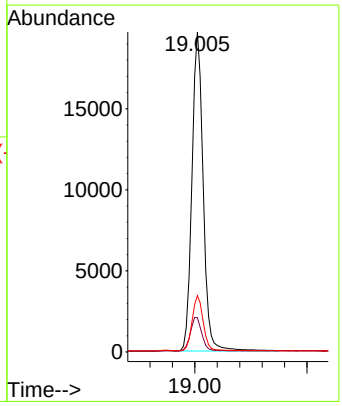
Instrument :
BNA_N
ClientSampleId :



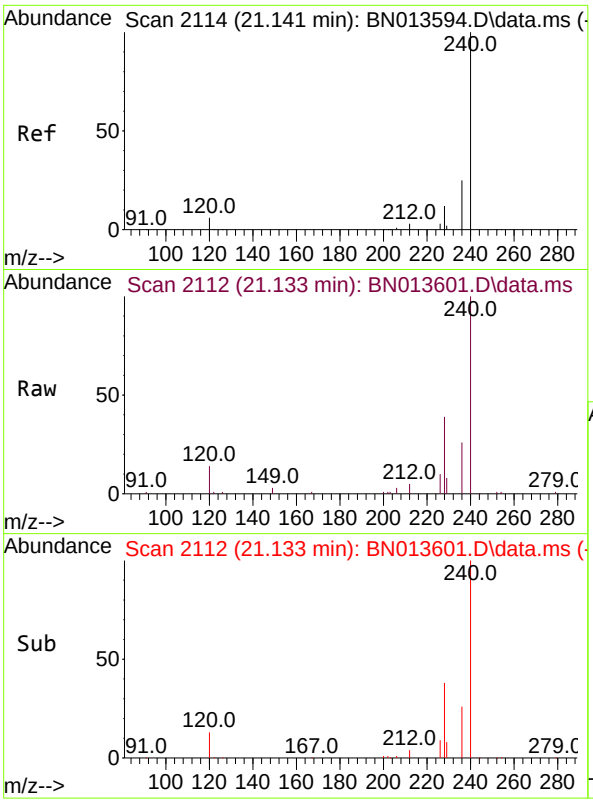
#28
Fluoranthene
Concen: 0.29 ng
RT: 19.005 min Scan# 1804
Delta R.T. -0.002 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:202 Resp: 27396

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.1	12.1
203	17.0	13.9	20.9



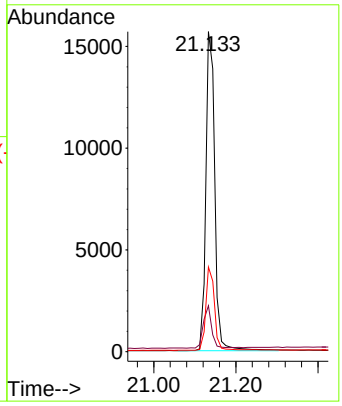
Instrument :
BNA_N
ClientSampleId :

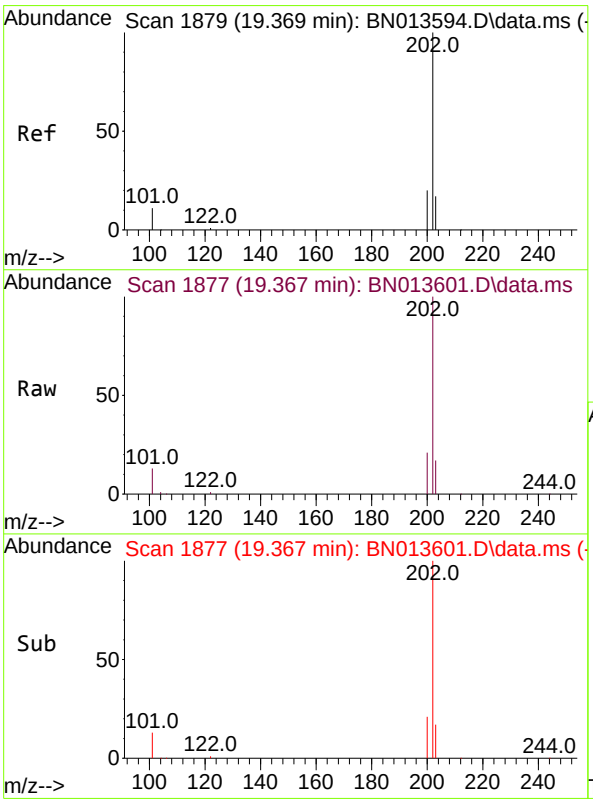


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.133 min Scan# 2112
Delta R.T. -0.008 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:240 Resp: 23687

Ion	Ratio	Lower	Upper
240	100		
120	14.3	10.2	15.4
236	26.5	21.3	31.9

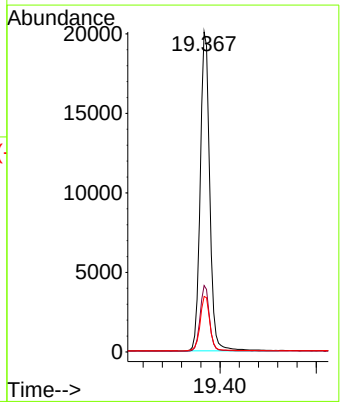




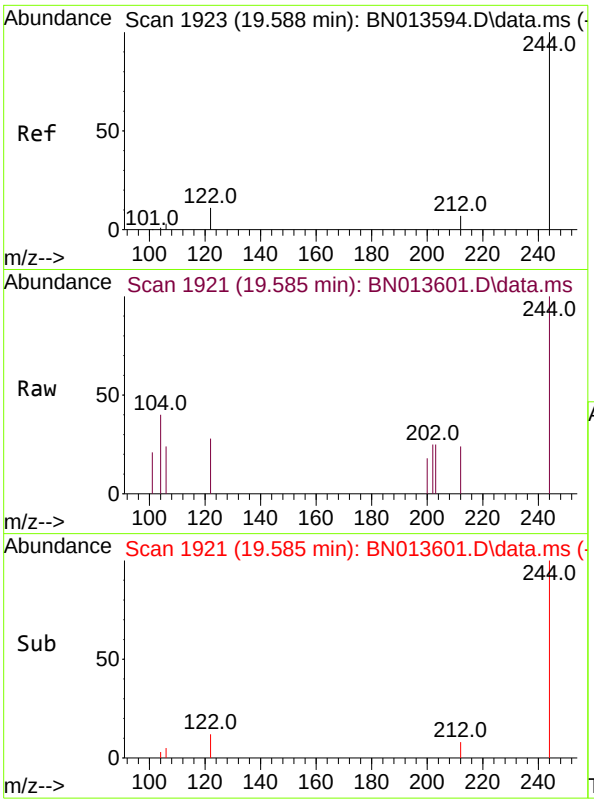
#30
Pyrene
Concen: 0.39 ng
RT: 19.367 min Scan# 1877
Delta R.T. -0.002 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:202 Resp: 27550

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0



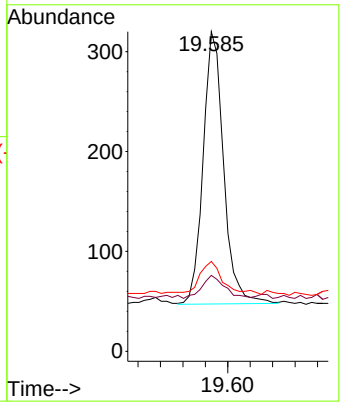
Instrument :
BNA_N
ClientSampleId :

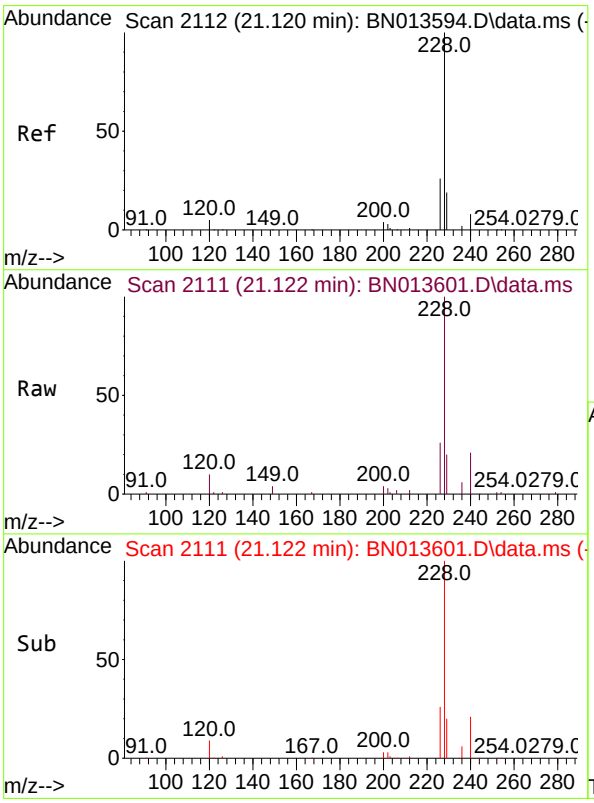


#31
Terphenyl-d14
Concen: 0.01 ng
RT: 19.585 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:244 Resp: 346

Ion	Ratio	Lower	Upper
244	100		
212	23.8	6.1	9.1#
122	28.1	9.8	14.8#

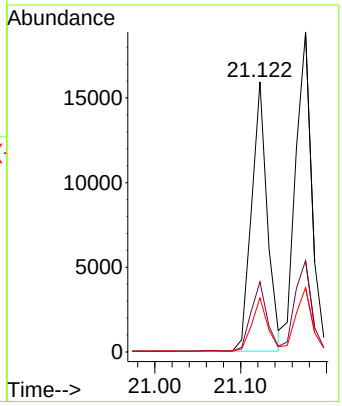




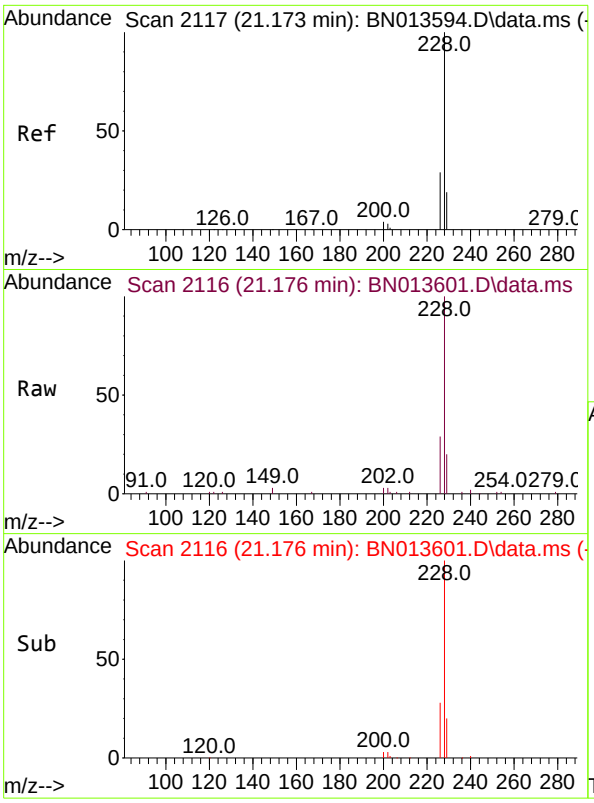
#32
Benzo(a)anthracene
Concen: 0.32 ng
RT: 21.122 min Scan# 2111
Delta R.T. 0.003 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:228 Resp: 20254

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.5	30.7
229	20.0	16.2	24.4



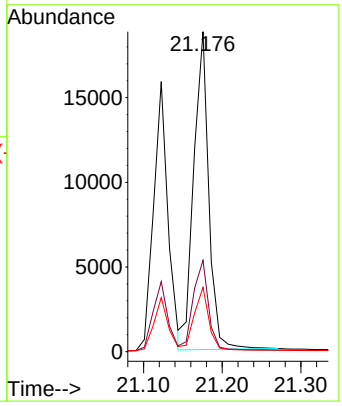
Instrument :
BNA_N
ClientSampleId :

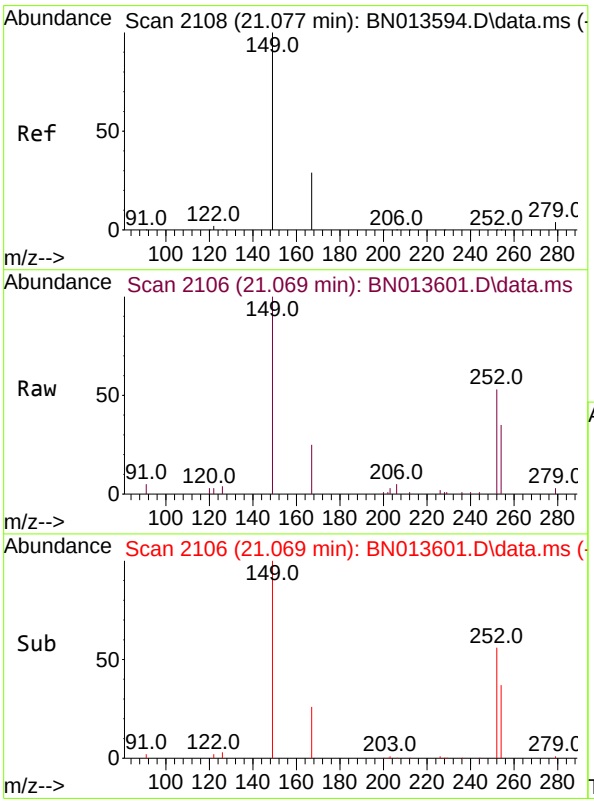


#33
Chrysene
Concen: 0.34 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.003 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:228 Resp: 24875

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.3	36.5
229	20.1	15.1	22.7

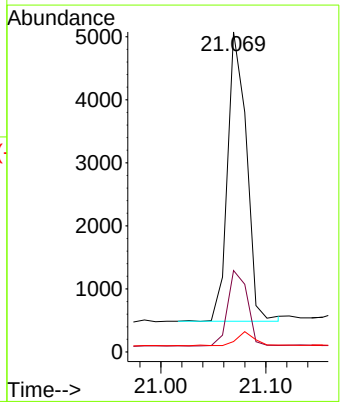




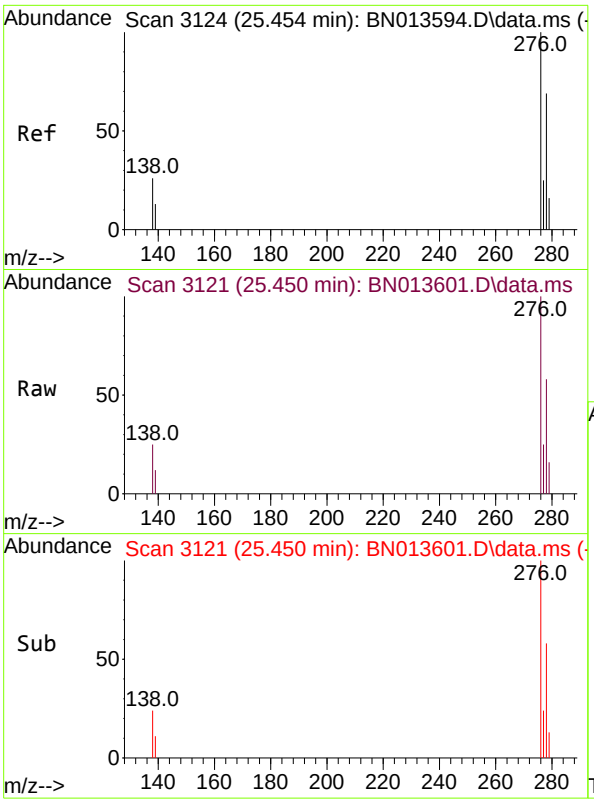
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.31 ng
RT: 21.069 min Scan# 2106
Delta R.T. -0.008 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:149 Resp: 5733

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.1	33.1
279	4.6	3.5	5.3



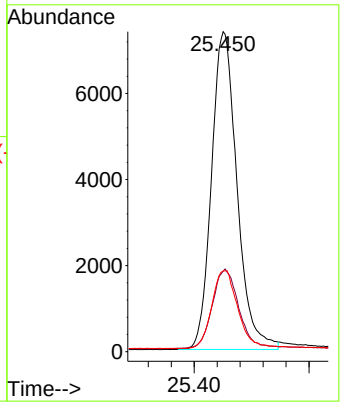
Instrument :
BNA_N
ClientSampleId :

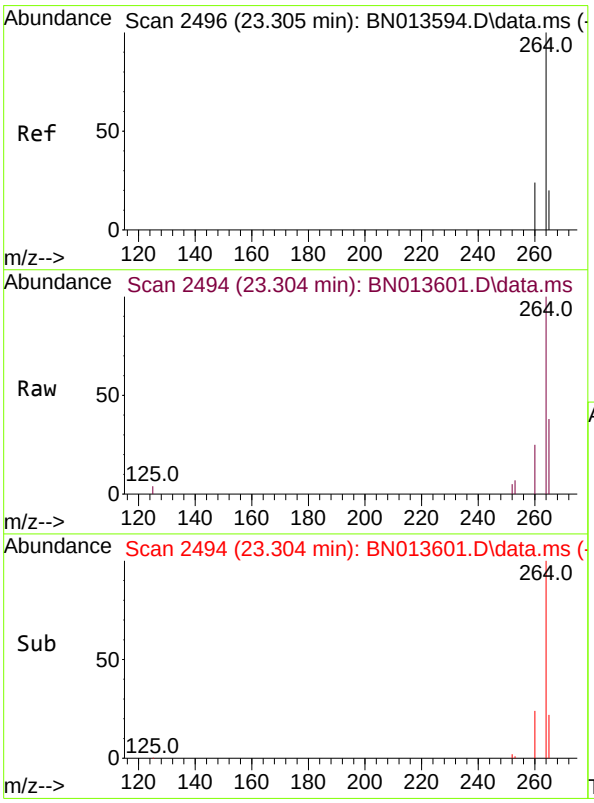


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.30 ng
RT: 25.450 min Scan# 3121
Delta R.T. -0.004 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:276 Resp: 22806

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

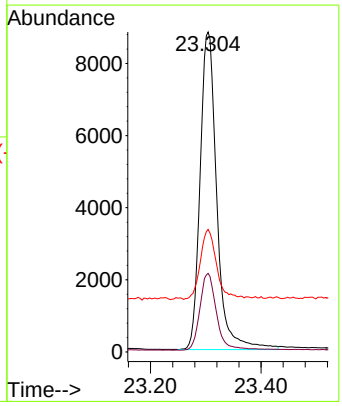




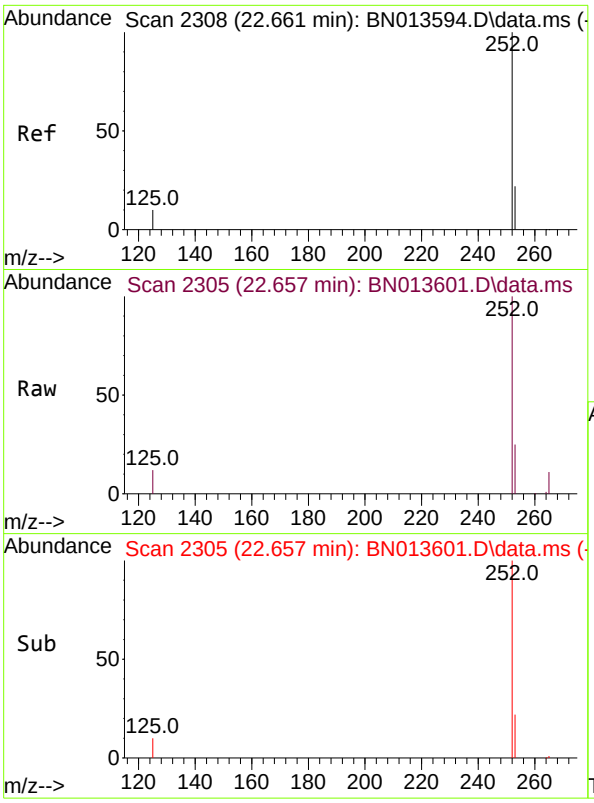
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.304 min Scan# 2494
Delta R.T. -0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:264 Resp: 18469

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	38.3	66.2	99.4#



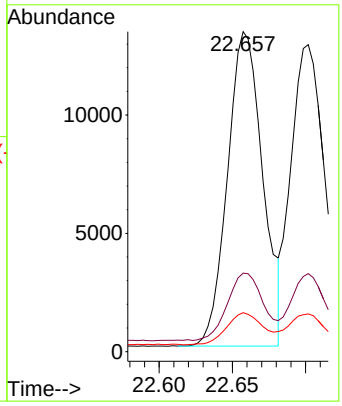
Instrument :
BNA_N
ClientSampleId :

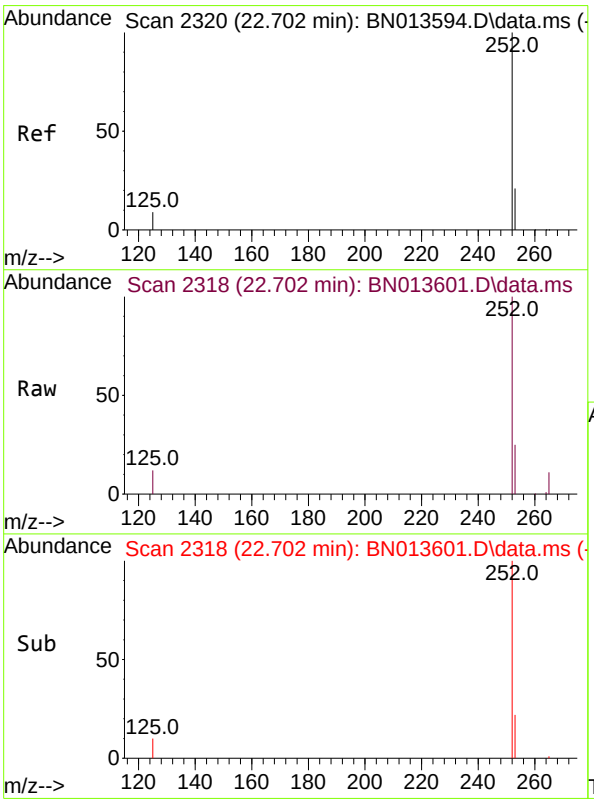


#37
Benzo(b)fluoranthene
Concen: 0.35 ng
RT: 22.657 min Scan# 2305
Delta R.T. -0.004 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:252 Resp: 22252

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.4	30.6
125	12.2	11.6	17.4

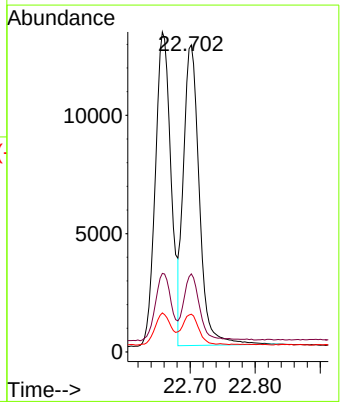


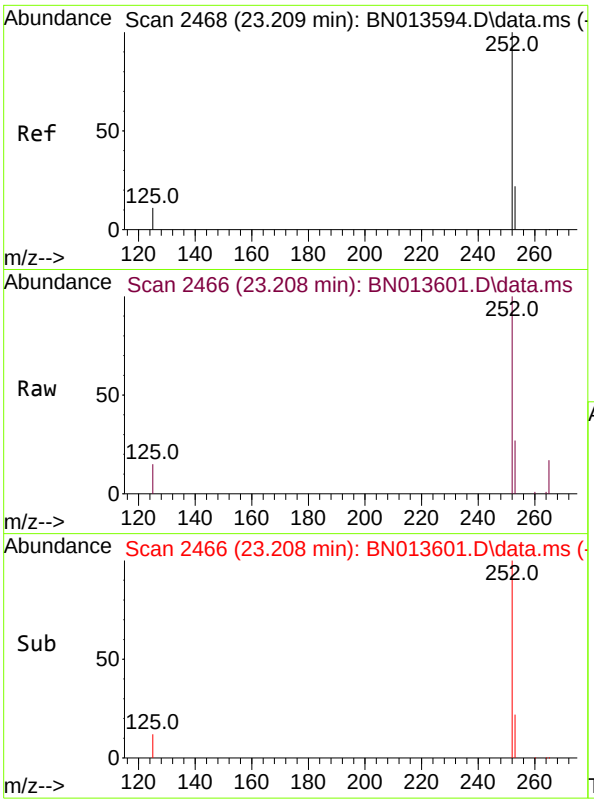


#38
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 22.702 min Scan# 2318
Delta R.T. -0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:252 Resp: 21525

Ion	Ratio	Lower	Upper
252	100		
253	25.5	20.5	30.7
125	12.3	12.3	18.5#

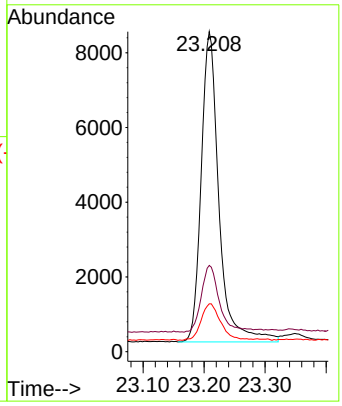




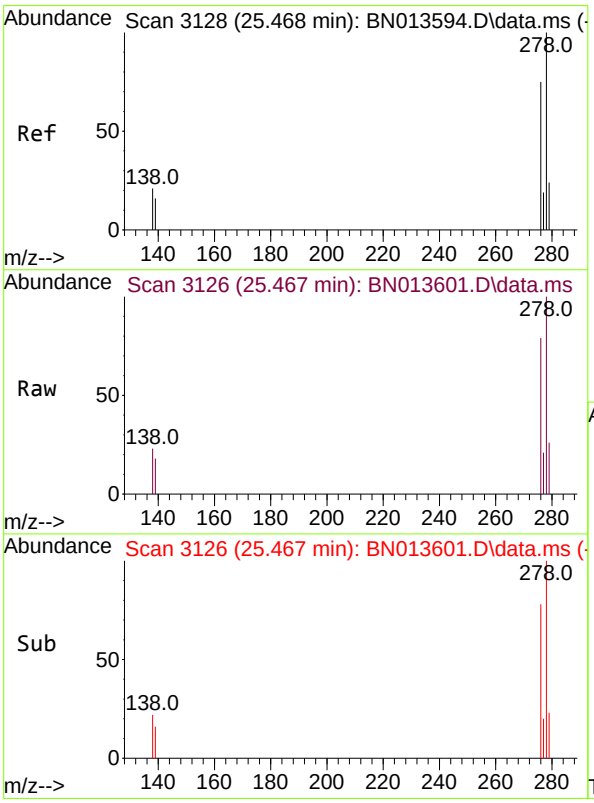
#39
Benzo(a)pyrene
Concen: 0.31 ng
RT: 23.208 min Scan# 2466
Delta R.T. -0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:252 Resp: 16783

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.8	32.6
125	15.0	14.6	21.8



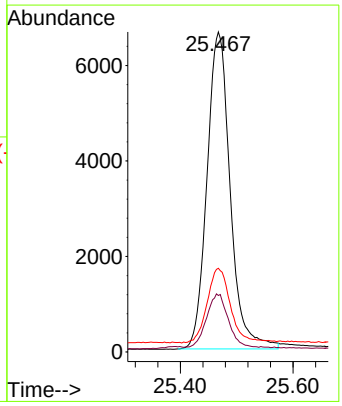
Instrument :
BNA_N
ClientSampleId :

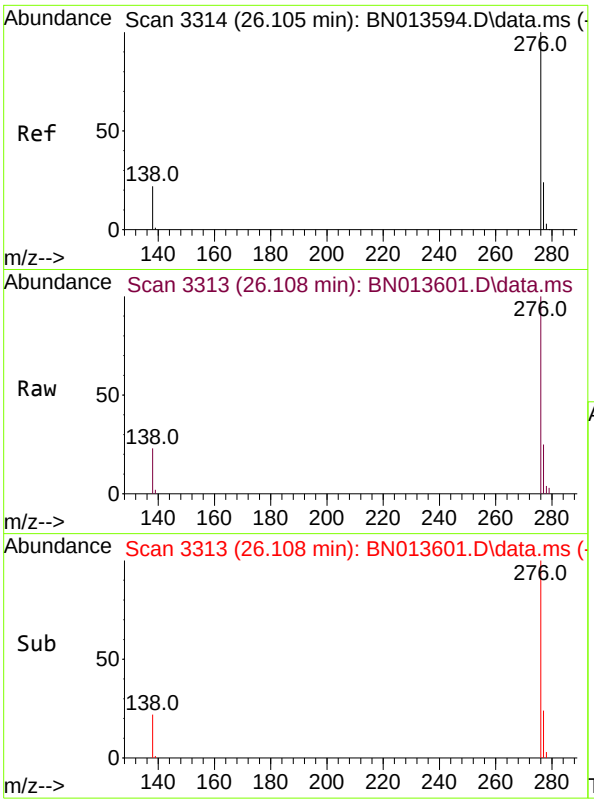


#40
Dibenzo(a,h)anthracene
Concen: 0.33 ng
RT: 25.467 min Scan# 3126
Delta R.T. -0.001 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:278 Resp: 19014

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.1	19.7
279	26.2	21.4	32.0

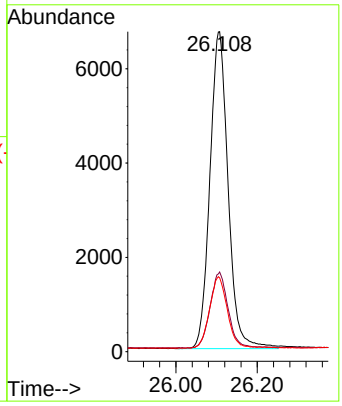




#41
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 26.108 min Scan# 3313
Delta R.T. 0.003 min
Lab File: BN013601.D
Acq: 08 Feb 2021 17:23

Tgt Ion:276 Resp: 20857

Ion	Ratio	Lower	Upper
276	100		
277	24.9	20.0	30.0
138	23.1	17.8	26.8



Instrument :
BNA_N
ClientSampleId :