Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013771.D
Acq On : 25 Feb 2021 16:48
Operator : CG/JU
Sample : PB134814BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB134814BS

Quant Time: Feb 25 17:17:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.741	152	5004	0.40	ng		0.00
7) Naphthalene-d8	10.518	136	19018	0.40	ng		#-0.01
13) Acenaphthene-d10	14.372	164	10834	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	23318	0.40	ng		-0.01
29) Chrysene-d12	21.300	240	23115	0.40	ng		# 0.00
36) Perylene-d12	23.548	264	22718	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	5604	0.42	ng		0.00
5) Phenol-d6	6.903	99	7352	0.41	ng		0.00
8) Nitrobenzene-d5	8.883	82	5509	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.115	152	12361	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1765	0.40	ng		0.00
15) 2-Fluorobiphenyl	13.001	172	16367	0.43	ng		0.00
27) Fluoranthene-d10	19.151	212	26583	0.39	ng		0.00
31) Terphenyl-d14	19.756	244	20632	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2669	0.44	ng		98
3) n-Nitrosodimethylamine	3.585	42	2086	0.45	ng	#	88
6) bis(2-Chloroethyl)ether	7.169	93	5743	0.45	ng		97
9) Naphthalene	10.568	128	19609	0.42	ng		99
10) Hexachlorobutadiene	10.860	225	3724	0.41	ng	#	99
12) 2-Methylnaphthalene	12.191	142	13363	0.41	ng		99
16) Acenaphthylene	14.092	152	18532	0.38	ng		99
17) Acenaphthene	14.435	154	12388	0.41	ng		99
18) Fluorene	15.425	166	15492	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	509	0.31	ng	#	19
21) 4-Bromophenyl-phenylether	16.325	248	5194	0.41	ng	#	78
22) Hexachlorobenzene	16.434	284	5692	0.43	ng		99
23) Atrazine	16.592	200	3931	0.33	ng		99
24) Pentachlorophenol	16.775	266	1858	0.43	ng		95
25) Phenanthrene	17.164	178	25391	0.42	ng		99
26) Anthracene	17.250	178	22517	0.38	ng		100
28) Fluoranthene	19.181	202	28761	0.40	ng		99
30) Pyrene	19.543	202	29342	0.41	ng		100
32) Benzo(a)anthracene	21.290	228	27511	0.39	ng		100
33) Chrysene	21.332	228	28871	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	9725	0.29	ng		100
35) Indeno(1,2,3-cd)pyrene	25.814	276	34071	0.40	ng		99
37) Benzo(b)fluoranthene	22.874	252	29522	0.41	ng	#	94
38) Benzo(k)fluoranthene	22.918	252	30911	0.44	ng	#	93
39) Benzo(a)pyrene	23.449	252	26026	0.40	ng	#	91
40) Dibenzo(a,h)anthracene	25.831	278	28726	0.41	ng		97
41) Benzo(g,h,i)perylene	26.502	276	28801	0.41	ng		98

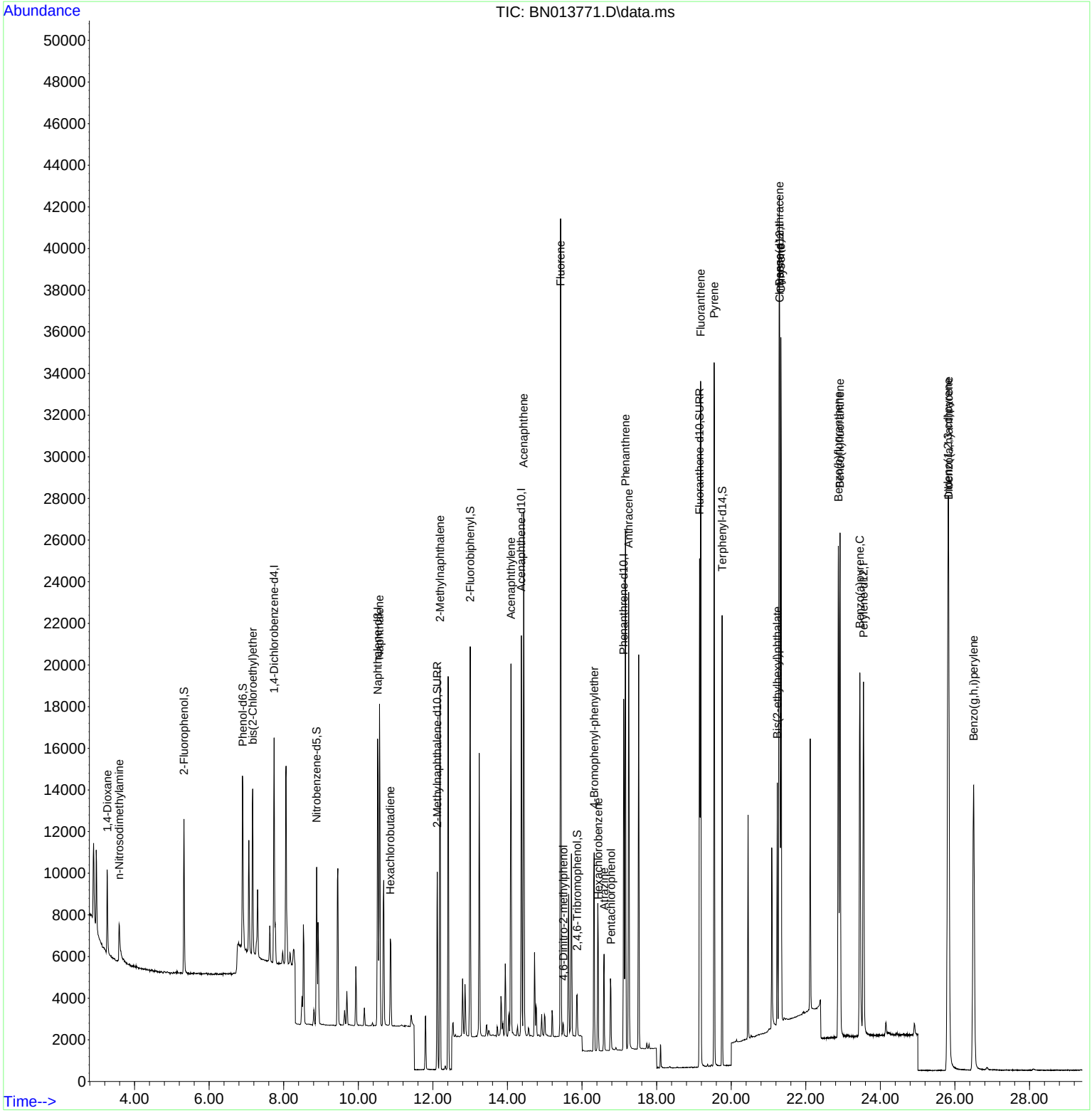
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

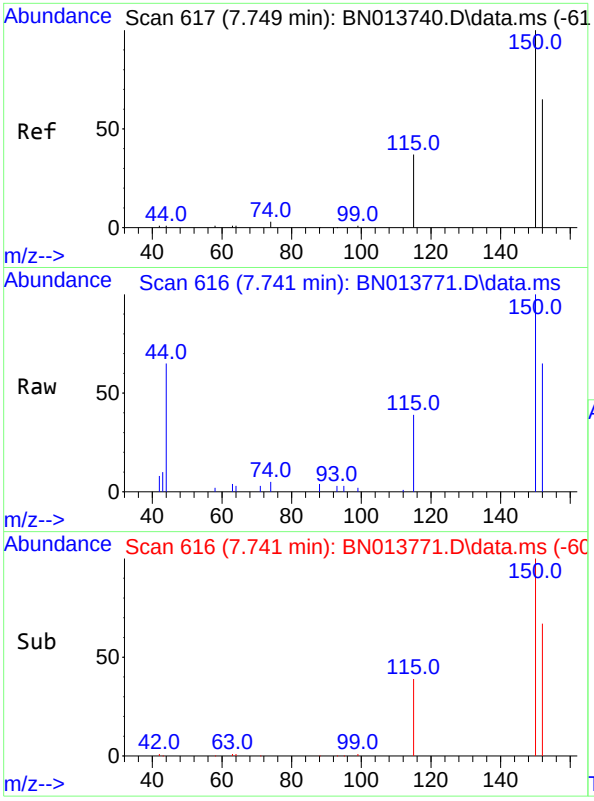
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022521\
Data File : BN013771.D
Acq On : 25 Feb 2021 16:48
Operator : CG/JU
Sample : PB134814BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB134814BS

Quant Time: Feb 25 17:17:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 25 11:31:11 2021
Response via : Initial Calibration



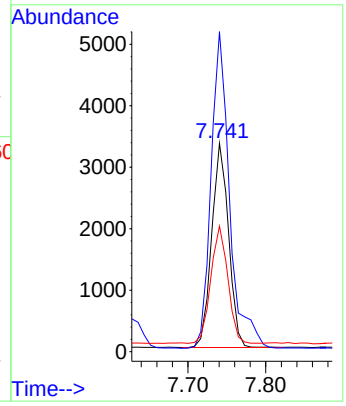
Instrument :
BNA_N
ClientSampleId :
PB134814BS

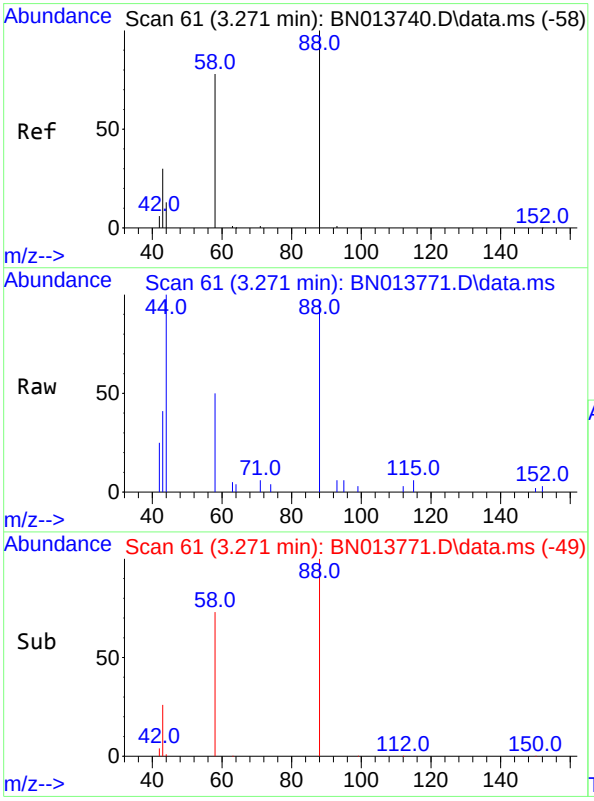


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.741 min Scan# 616
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:152 Resp: 5004

Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.8	182.8
115	60.3	46.6	69.8

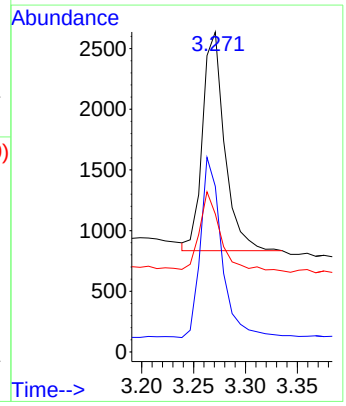




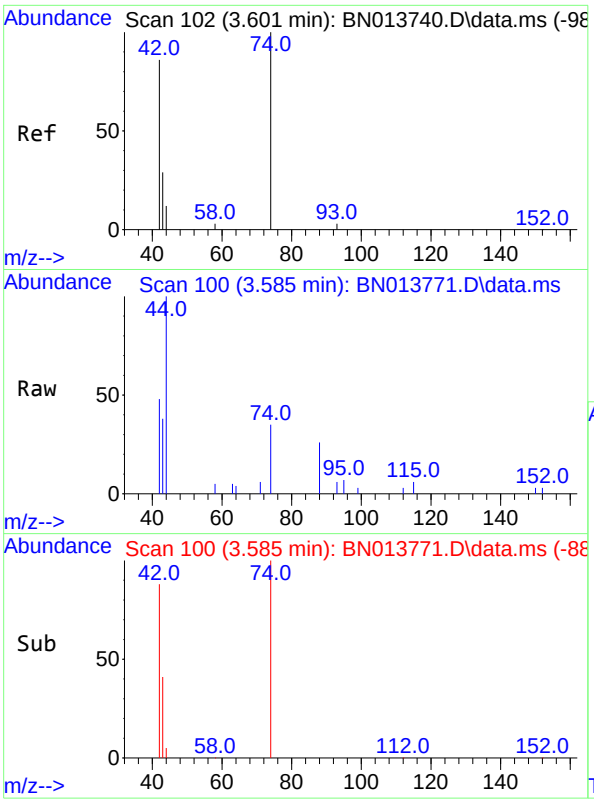
#2
1,4-Dioxane
Concen: 0.44 ng
RT: 3.271 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion: 88 Resp: 2669

Ion	Ratio	Lower	Upper
88	100		
58	78.1	64.6	96.8
43	33.9	26.6	40.0



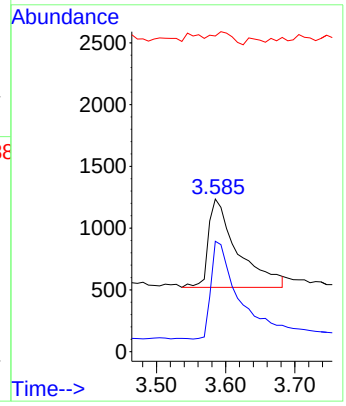
Instrument :
BNA_N
ClientSampleId :
PB134814BS

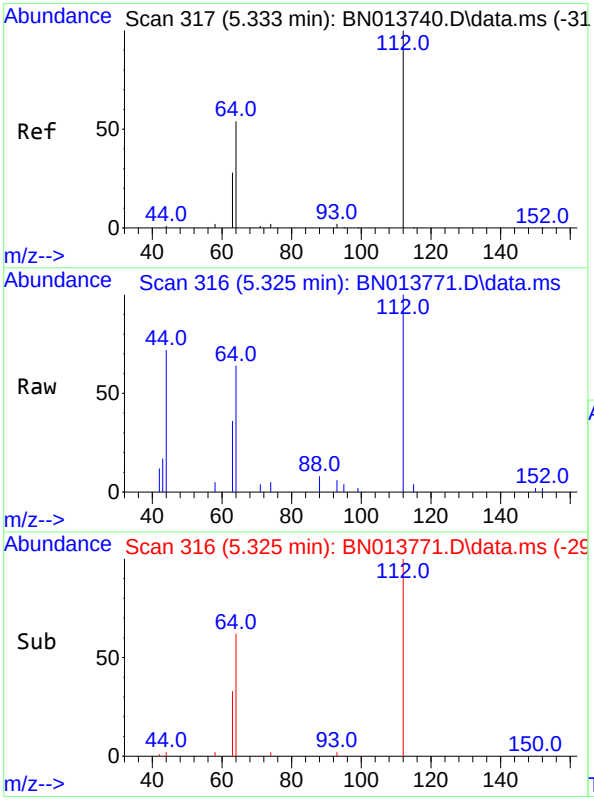


#3
n-Nitrosodimethylamine
Concen: 0.45 ng
RT: 3.585 min Scan# 100
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion: 42 Resp: 2086

Ion	Ratio	Lower	Upper
42	100		
74	105.3	95.0	142.6
44	10.0	5.8	8.8#

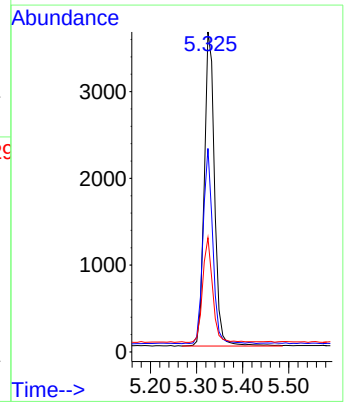




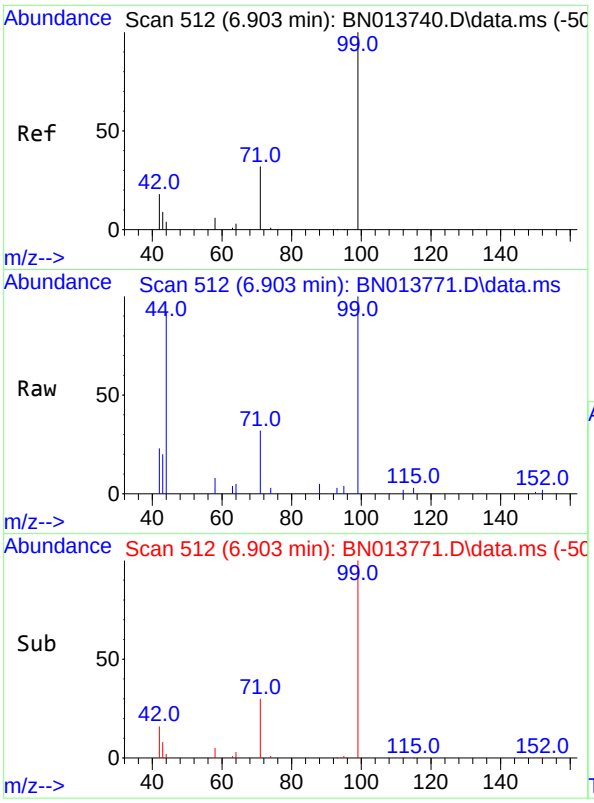
#4
2-Fluorophenol
Concen: 0.42 ng
RT: 5.325 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:112 Resp: 5604

Ion	Ratio	Lower	Upper
112	100		
64	58.8	44.3	66.5
63	32.2	23.0	34.6



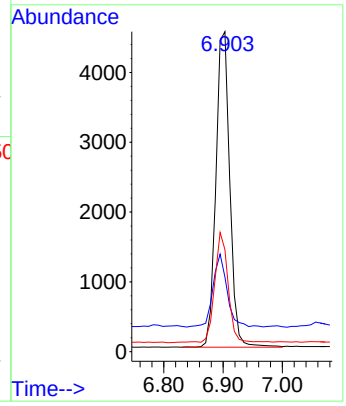
Instrument :
BNA_N
ClientSampleId :
PB134814BS

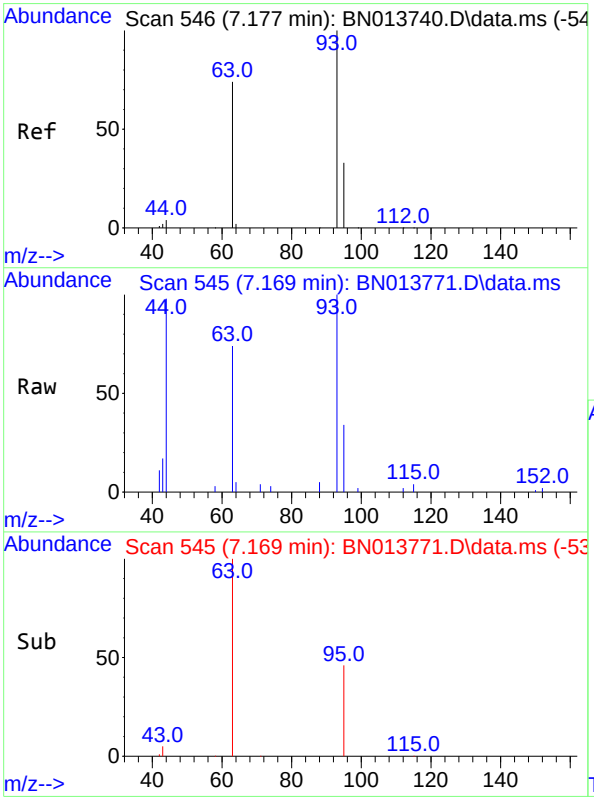


#5
Phenol-d6
Concen: 0.41 ng
RT: 6.903 min Scan# 512
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion: 99 Resp: 7352

Ion	Ratio	Lower	Upper
99	100		
42	23.4	15.2	22.8#
71	33.2	26.1	39.1

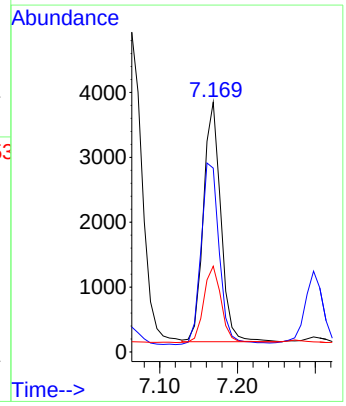




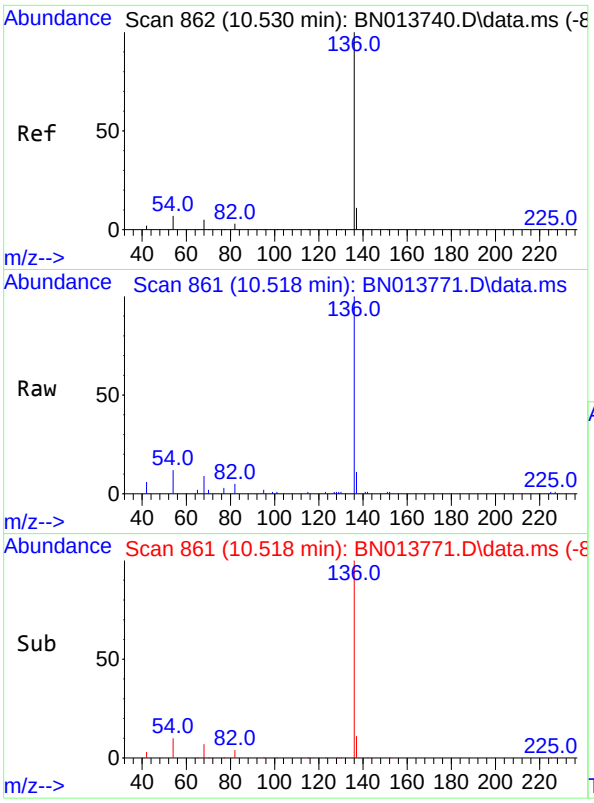
#6
bis(2-Chloroethyl)ether
Concen: 0.45 ng
RT: 7.169 min Scan# 545
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion: 93 Resp: 5743

Ion	Ratio	Lower	Upper
93	100		
63	80.0	60.8	91.2
95	32.2	26.0	39.0



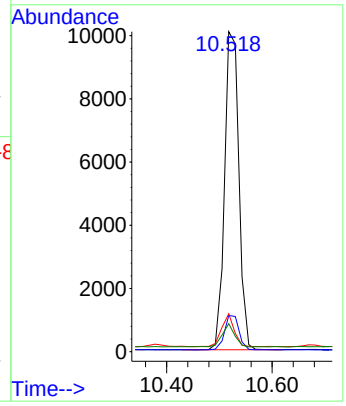
Instrument :
BNA_N
ClientSampleId :
PB134814BS

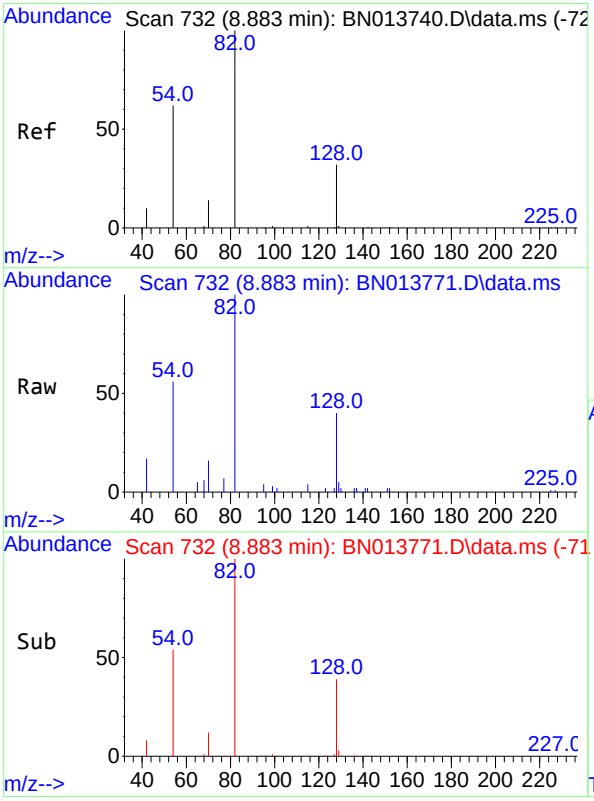


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.518 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:136 Resp: 19018

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	11.9	6.4	9.6#
68	8.8	4.5	6.7#

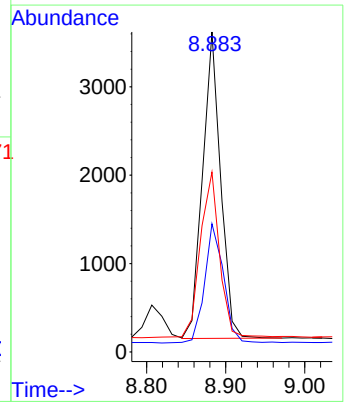




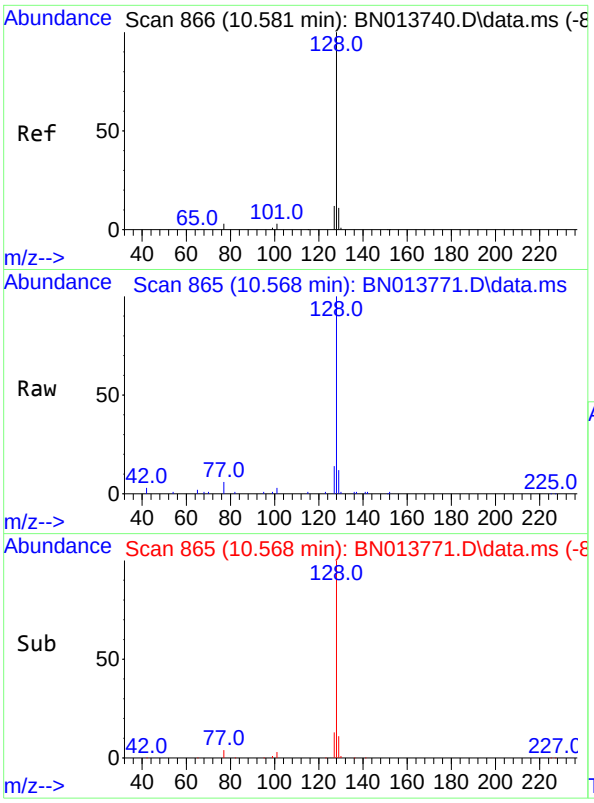
#8
Nitrobenzene-d5
Concen: 0.45 ng
RT: 8.883 min Scan# 732
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion: 82 Resp: 5509

Ion	Ratio	Lower	Upper
82	100		
128	40.0	39.2	58.8
54	56.2	40.1	60.1



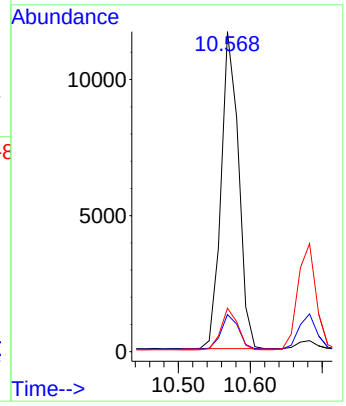
Instrument :
BNA_N
ClientSampleId :
PB134814BS

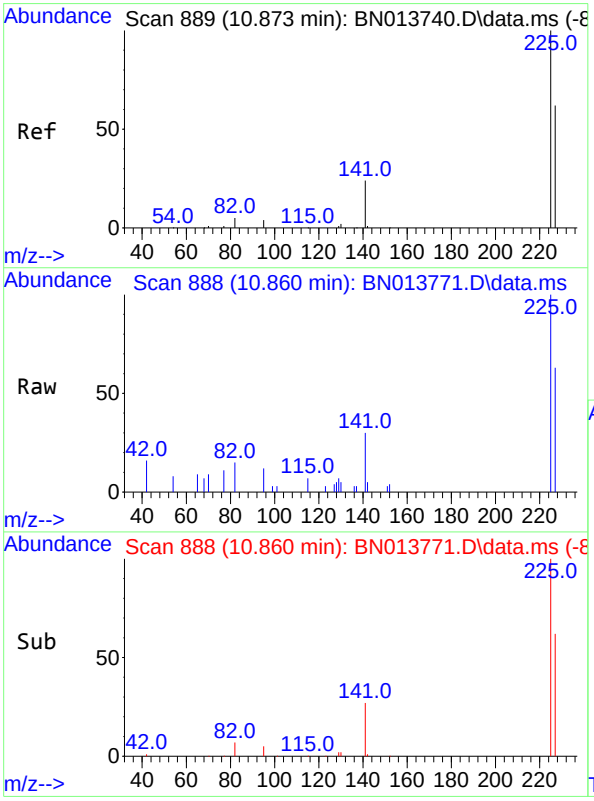


#9
Naphthalene
Concen: 0.42 ng
RT: 10.568 min Scan# 865
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:128 Resp: 19609

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.6	10.4	15.6

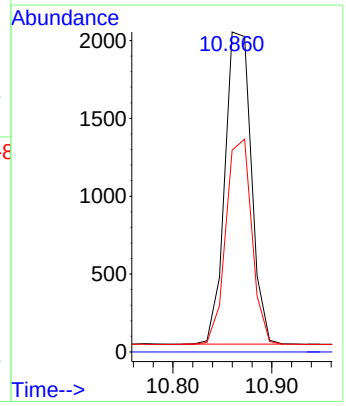




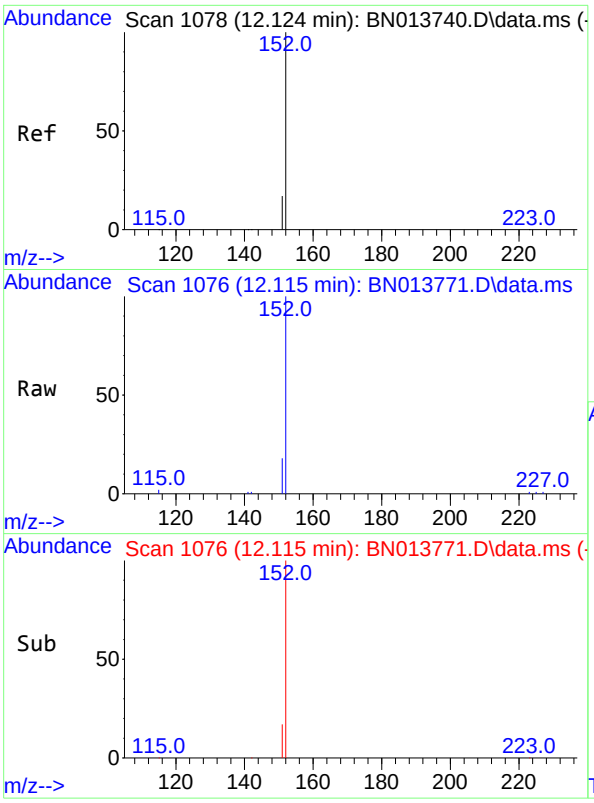
#10
Hexachlorobutadiene
Concen: 0.41 ng
RT: 10.860 min Scan# 888
Delta R.T. -0.013 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:225 Resp: 3724

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



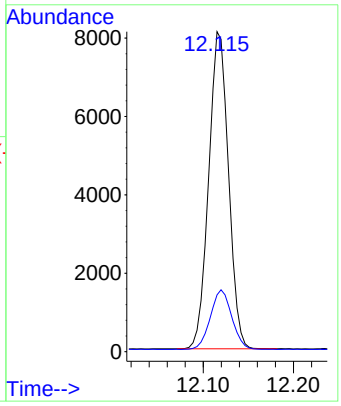
Instrument :
BNA_N
ClientSampleId :
PB134814BS

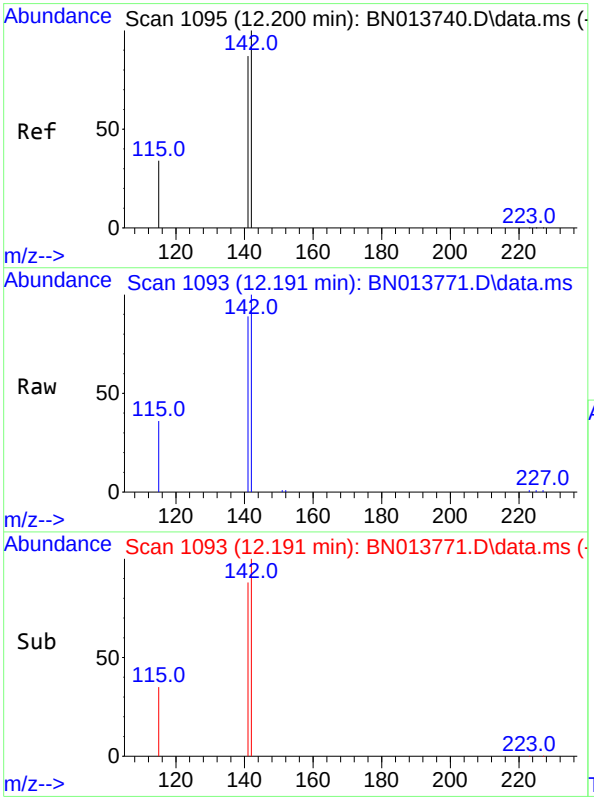


#11
2-Methylnaphthalene-d10
Concen: 0.40 ng
RT: 12.115 min Scan# 1076
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:152 Resp: 12361

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2

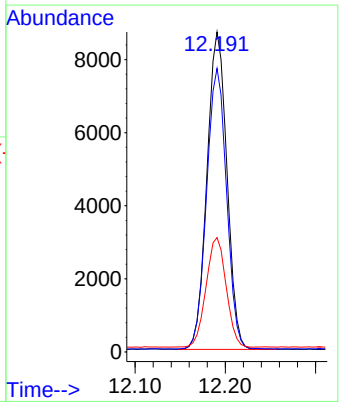




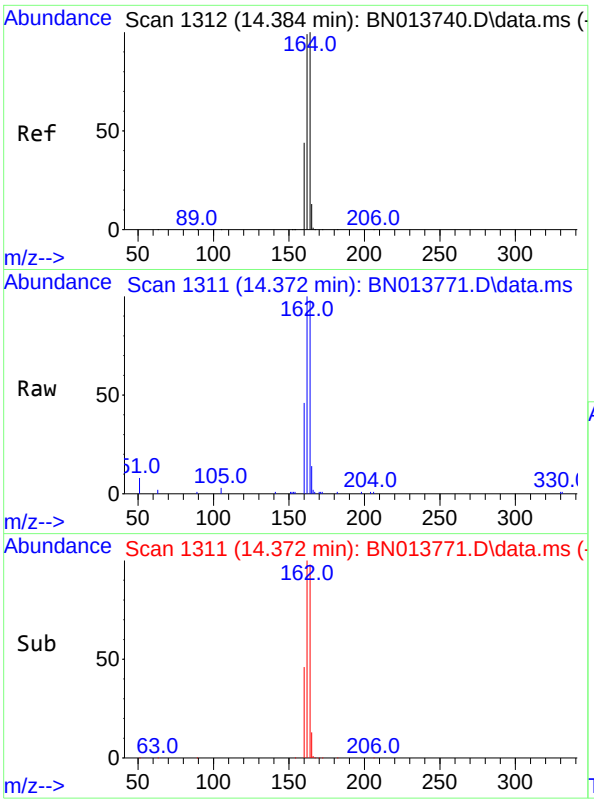
#12
2-Methylnaphthalene
Concen: 0.41 ng
RT: 12.191 min Scan# 1093
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:142 Resp: 13363

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.5	105.7
115	35.8	27.4	41.0



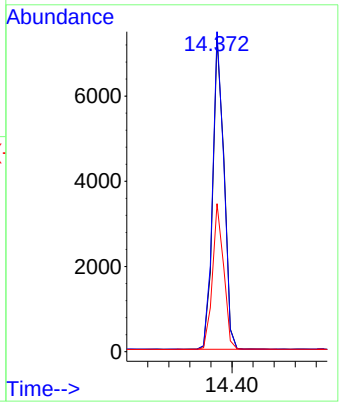
Instrument :
BNA_N
ClientSampleId :
PB134814BS

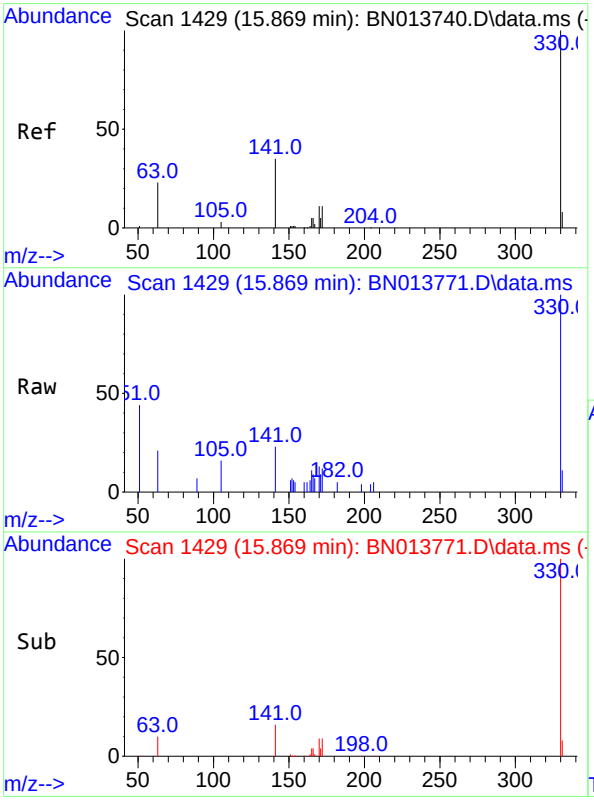


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.372 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:164 Resp: 10834

Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.6	119.4
160	47.3	36.0	54.0

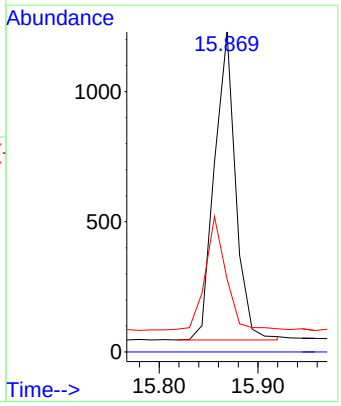




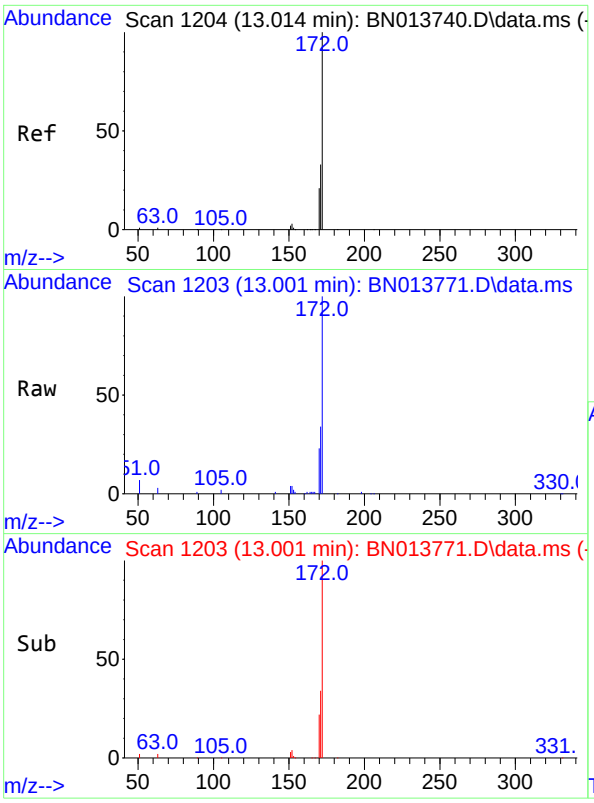
#14
2,4,6-Tribromophenol
Concen: 0.40 ng
RT: 15.869 min Scan# 1429
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:330 Resp: 1765

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.5	26.8	40.2



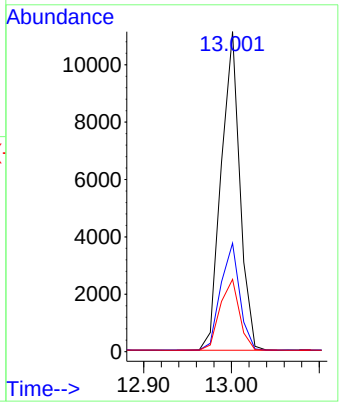
Instrument :
BNA_N
ClientSampleId :
PB134814BS

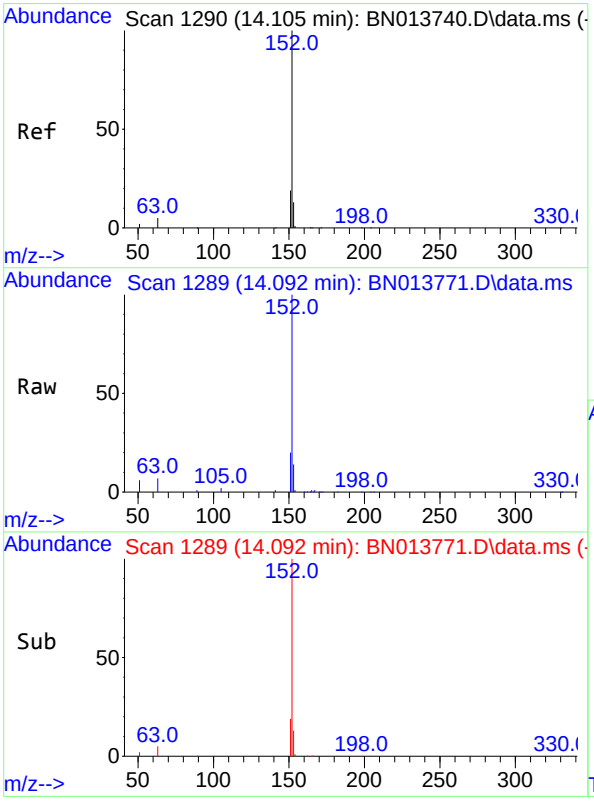


#15
2-Fluorobiphenyl
Concen: 0.43 ng
RT: 13.001 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:172 Resp: 16367

Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.6	42.8
170	22.6	18.9	28.3

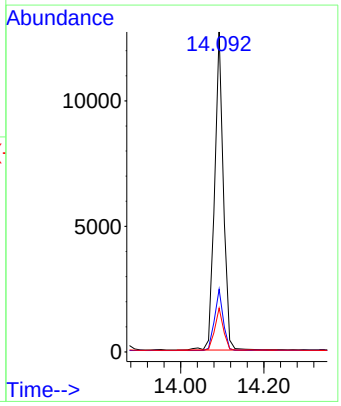




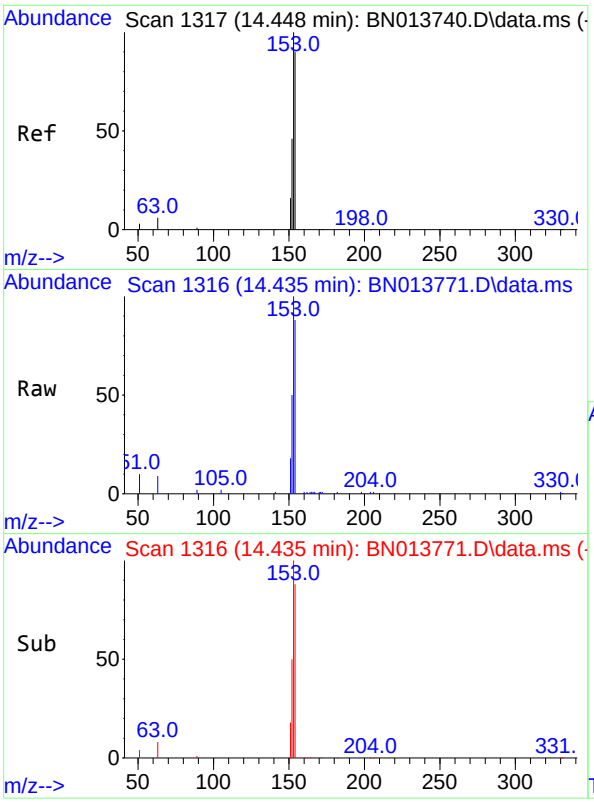
#16
Acenaphthylene
Concen: 0.38 ng
RT: 14.092 min Scan# 1289
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:152 Resp: 18532

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.7	23.5
153	13.1	10.5	15.7



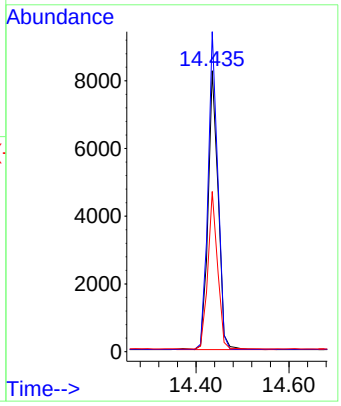
Instrument :
BNA_N
ClientSampleId :
PB134814BS

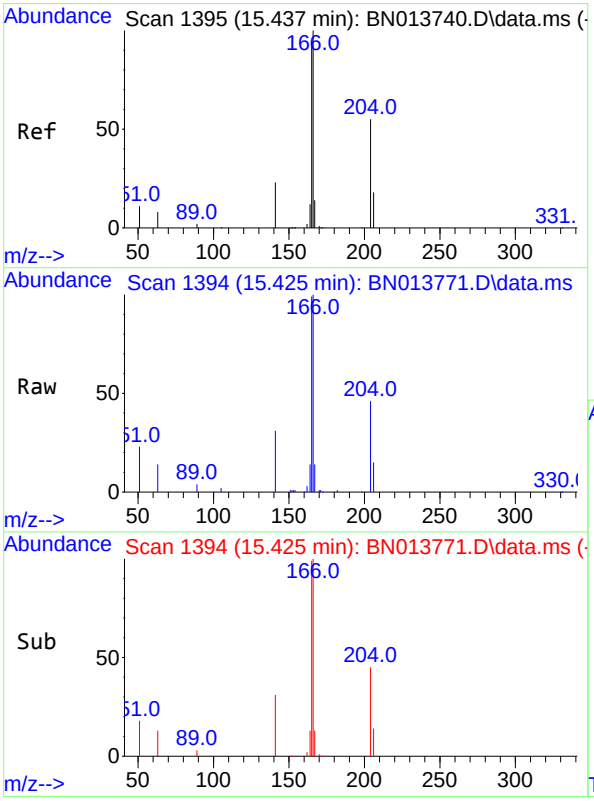


#17
Acenaphthene
Concen: 0.41 ng
RT: 14.435 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:154 Resp: 12388

Ion	Ratio	Lower	Upper
154	100		
153	111.0	88.4	132.6
152	54.6	43.0	64.4

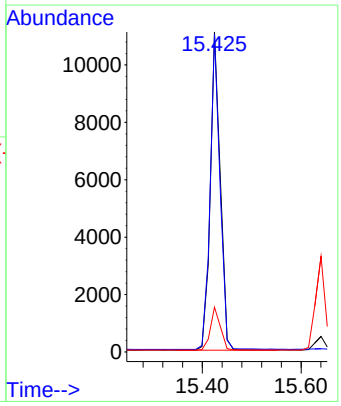




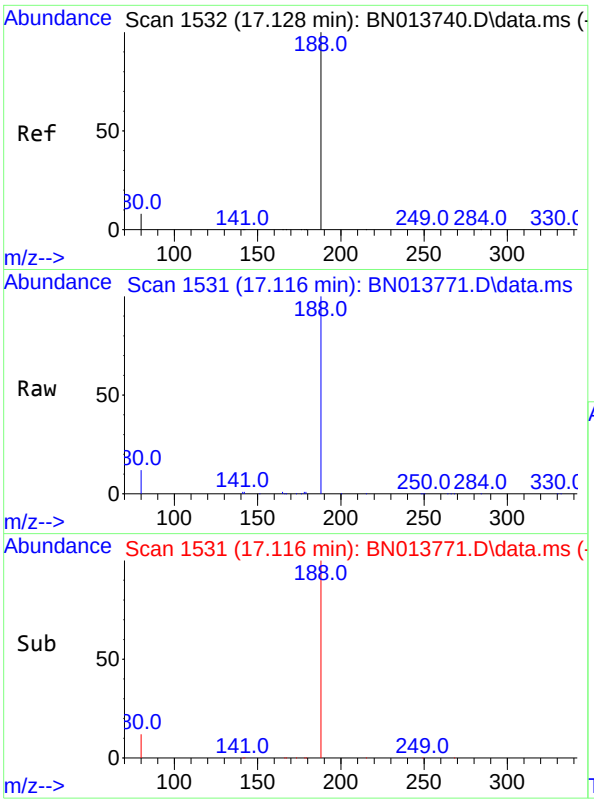
#18
Fluorene
Concen: 0.40 ng
RT: 15.425 min Scan# 1394
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:166 Resp: 15492

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.4	10.6	16.0



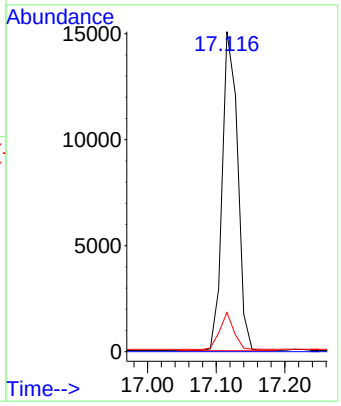
Instrument :
BNA_N
ClientSampleId :
PB134814BS

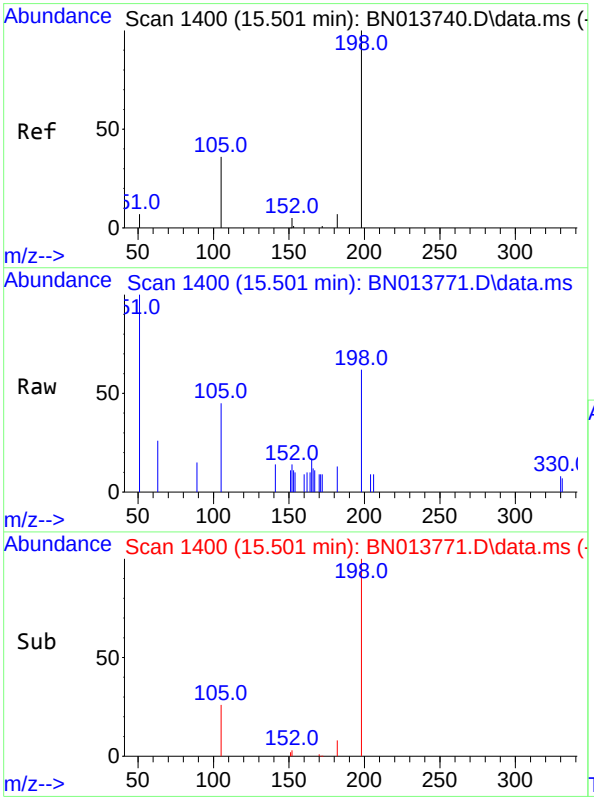


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. -0.012 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:188 Resp: 23318

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.2	9.0	13.6

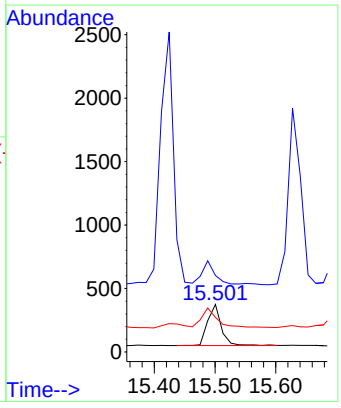




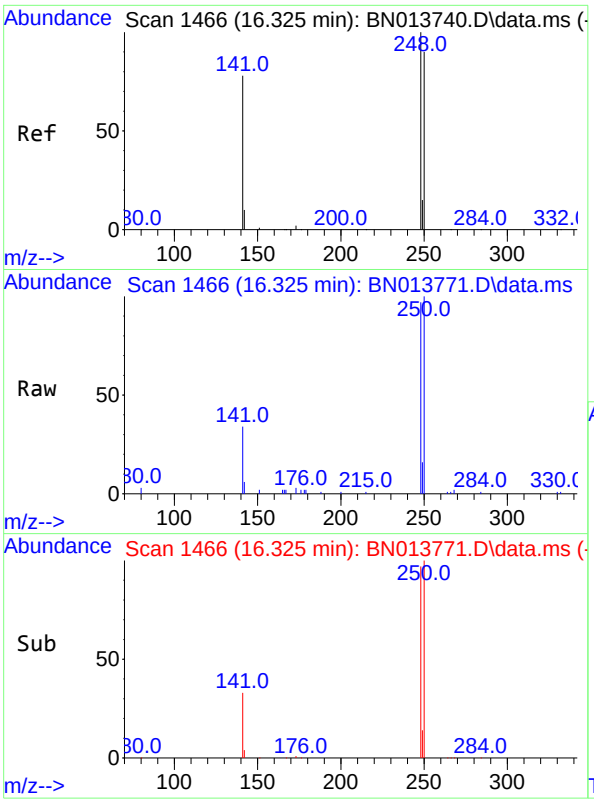
#20
4,6-Dinitro-2-methylphenol
Concen: 0.31 ng
RT: 15.501 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:198 Resp: 509

Ion	Ratio	Lower	Upper
198	100		
51	161.2	61.7	92.5#
105	72.7	33.0	49.6#



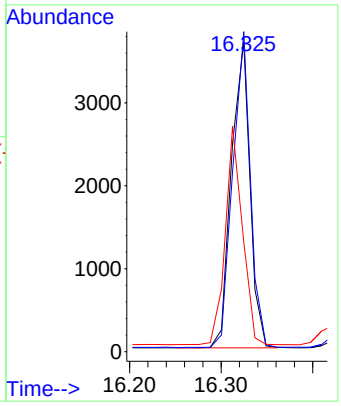
Instrument :
BNA_N
ClientSampleId :
PB134814BS

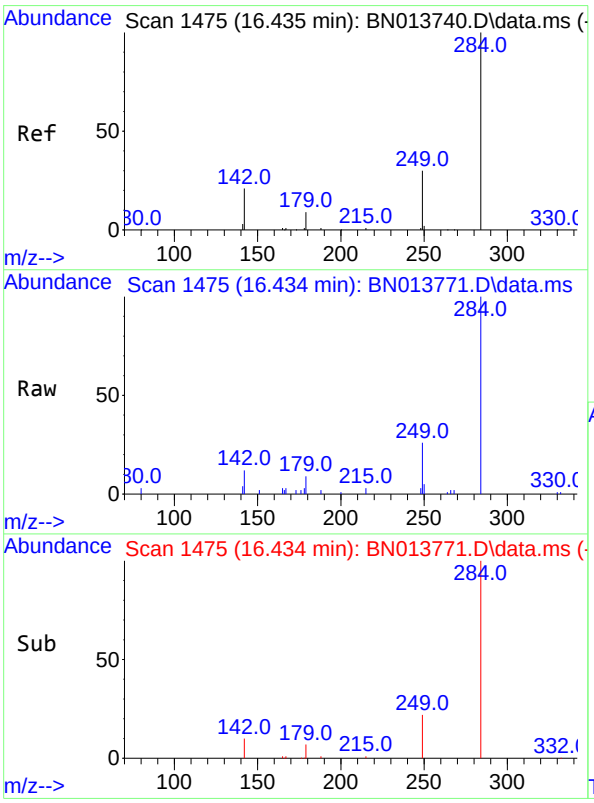


#21
4-Bromophenyl-phenylether
Concen: 0.41 ng
RT: 16.325 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:248 Resp: 5194

Ion	Ratio	Lower	Upper
248	100		
250	103.3	75.5	113.3
141	35.5	53.8	80.8#

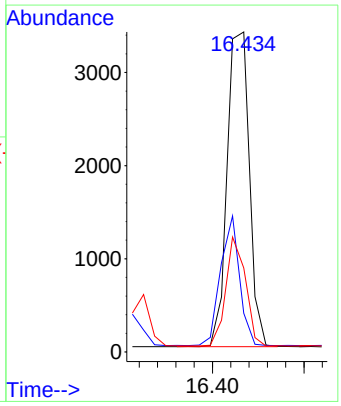




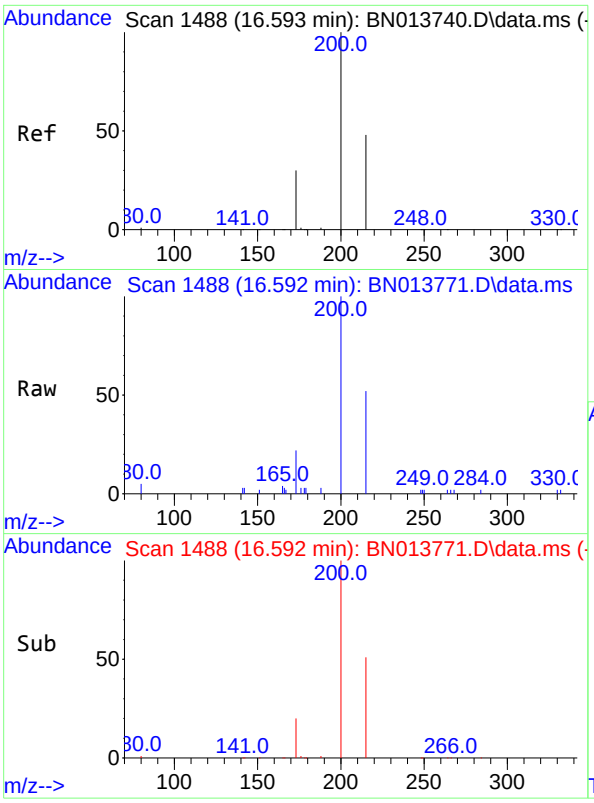
#22
Hexachlorobenzene
Concen: 0.43 ng
RT: 16.434 min Scan# 1475
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:284 Resp: 5692

Ion	Ratio	Lower	Upper
284	100		
142	35.1	27.9	41.9
249	30.6	24.2	36.2



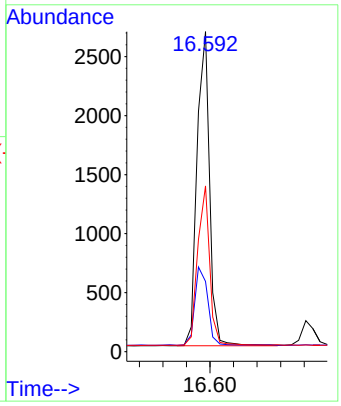
Instrument :
BNA_N
ClientSampleId :
PB134814BS

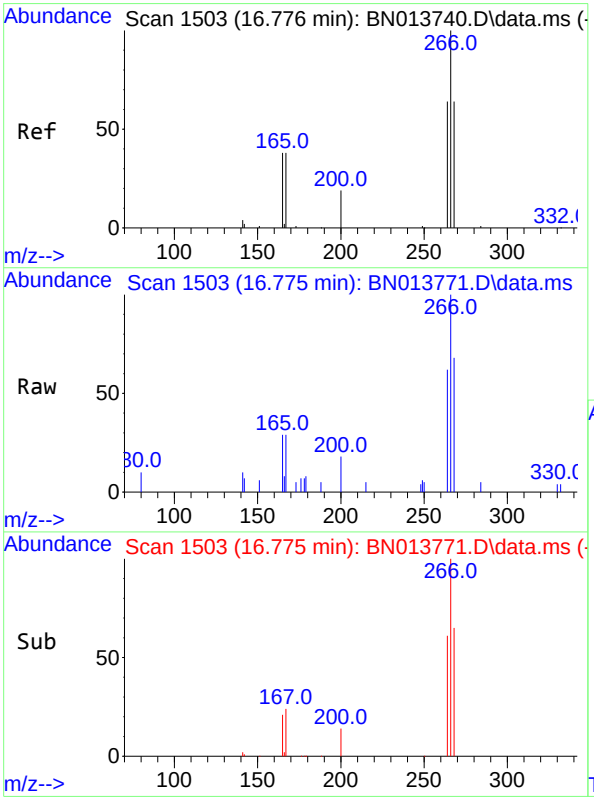


#23
Atrazine
Concen: 0.33 ng
RT: 16.592 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:200 Resp: 3931

Ion	Ratio	Lower	Upper
200	100		
173	22.0	18.6	28.0
215	51.8	41.0	61.6

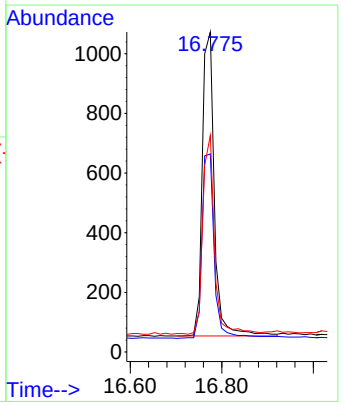




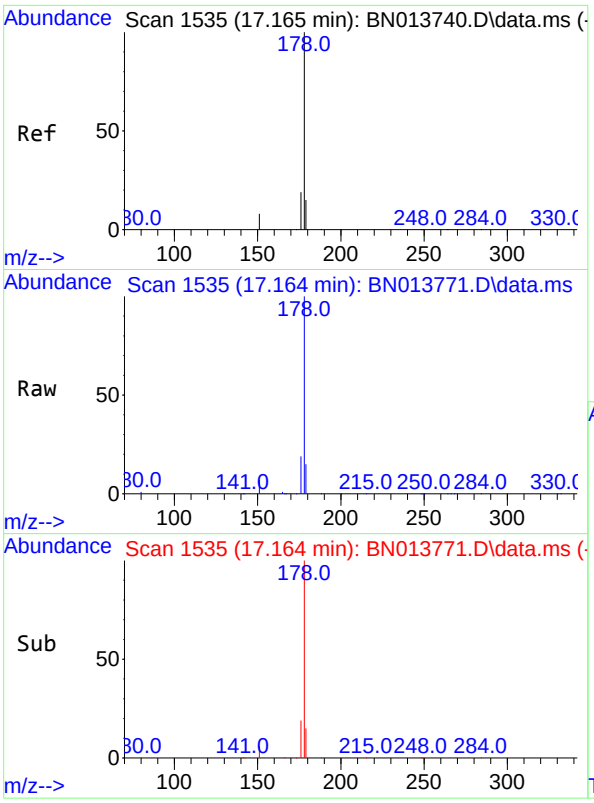
#24
Pentachlorophenol
Concen: 0.43 ng
RT: 16.775 min Scan# 1503
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:266 Resp: 1858

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.6	77.4
268	62.2	54.6	82.0



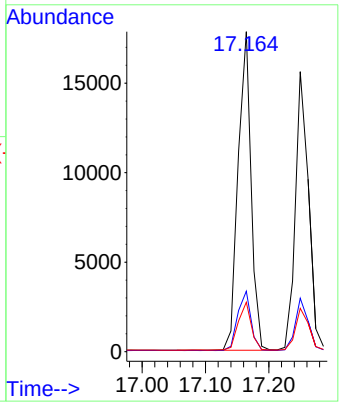
Instrument :
BNA_N
ClientSampleId :
PB134814BS

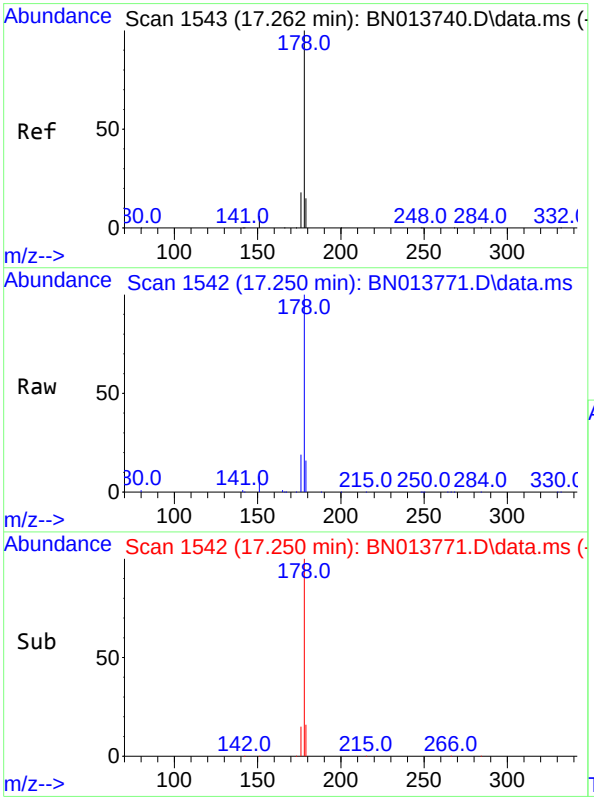


#25
Phenanthrene
Concen: 0.42 ng
RT: 17.164 min Scan# 1535
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:178 Resp: 25391

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.2	12.3	18.5

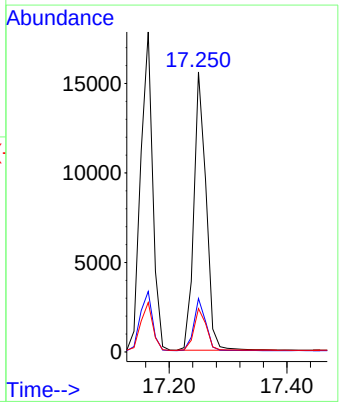


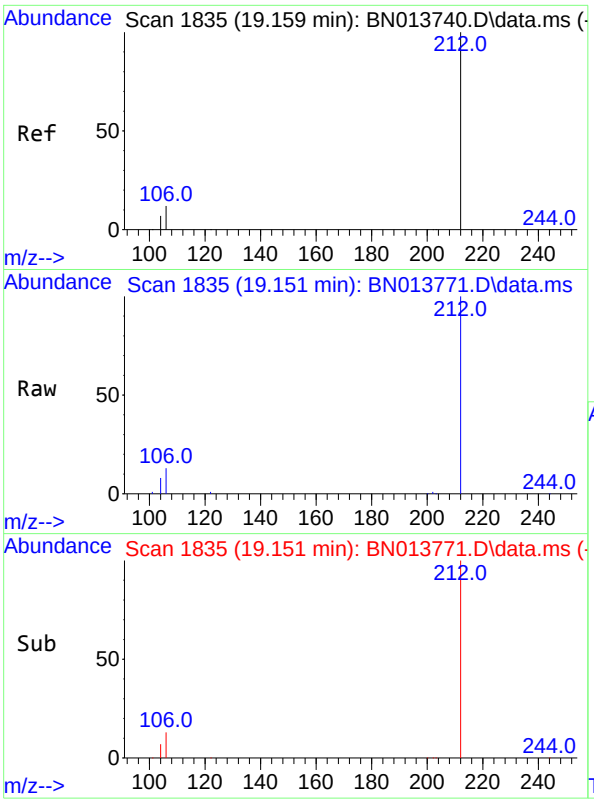


#26
Anthracene
Concen: 0.38 ng
RT: 17.250 min Scan# 1542
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:178 Resp: 22517

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.3	12.2	18.2

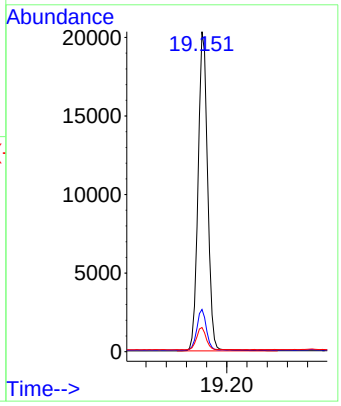




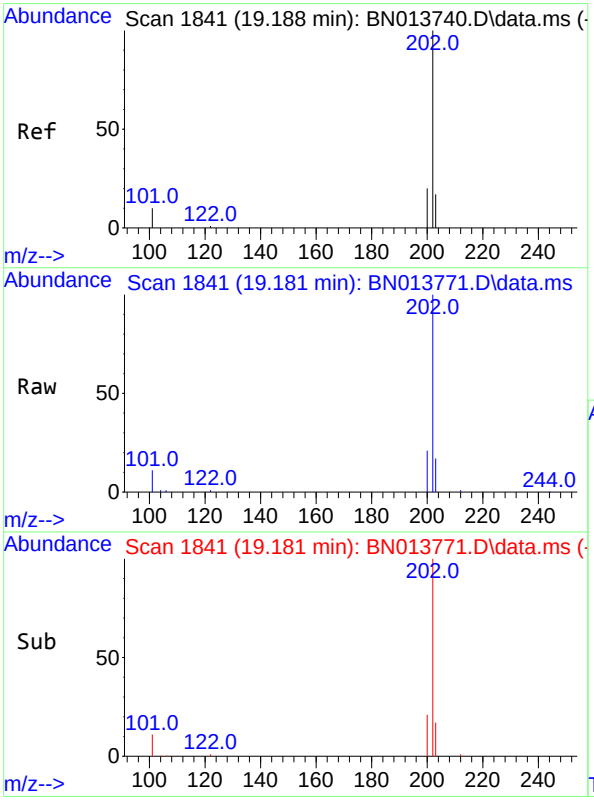
#27
Fluoranthene-d10
Concen: 0.39 ng
RT: 19.151 min Scan# 1835
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:212 Resp: 26583

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	6.9	5.5	8.3



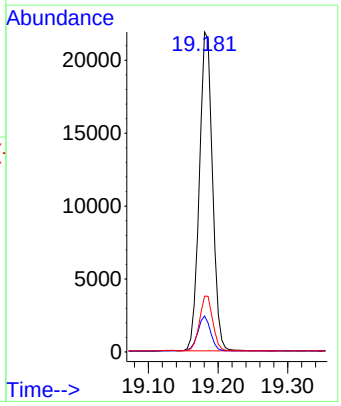
Instrument :
BNA_N
ClientSampleId :
PB134814BS

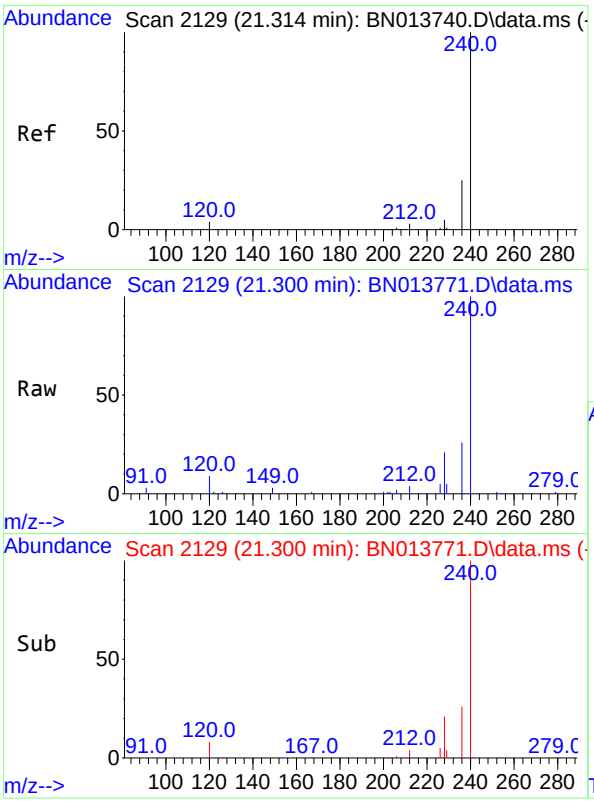


#28
Fluoranthene
Concen: 0.40 ng
RT: 19.181 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:202 Resp: 28761

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.1	12.1
203	17.3	13.9	20.9

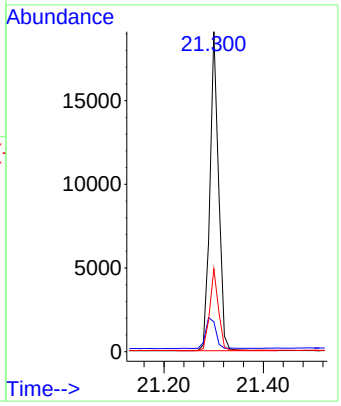




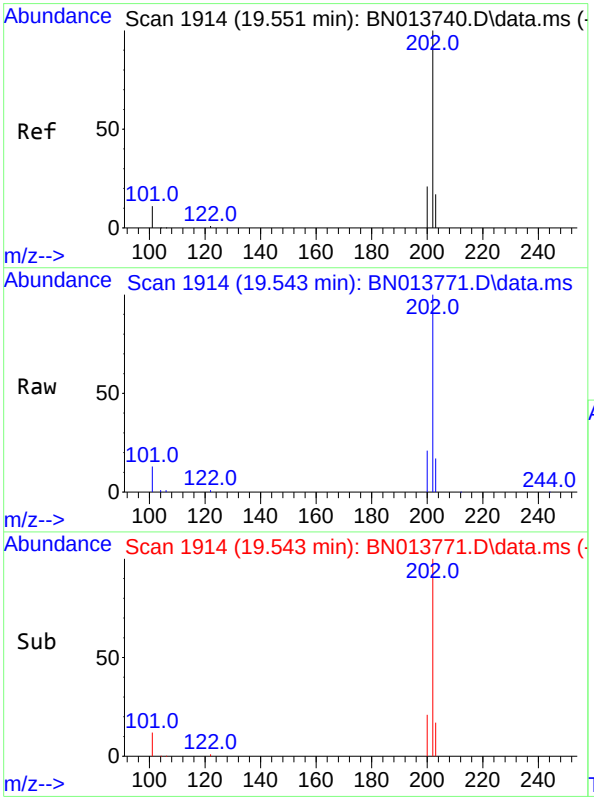
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.300 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:240 Resp: 23115

Ion	Ratio	Lower	Upper
240	100		
120	9.4	10.2	15.4#
236	25.9	21.3	31.9



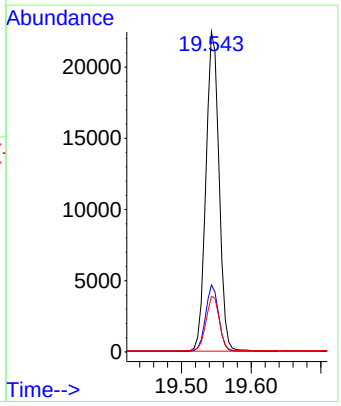
Instrument :
BNA_N
ClientSampleId :
PB134814BS



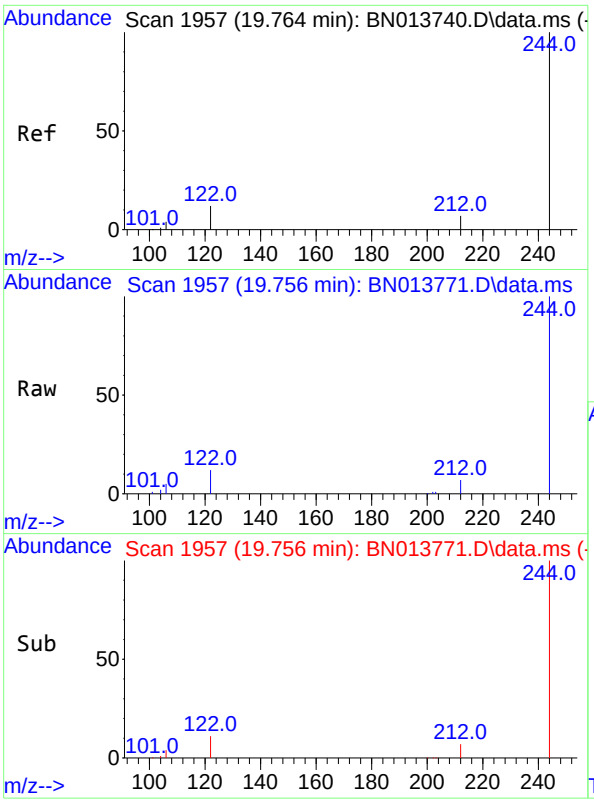
#30
Pyrene
Concen: 0.41 ng
RT: 19.543 min Scan# 1914
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:202 Resp: 29342

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.3	24.5
203	17.4	14.0	21.0



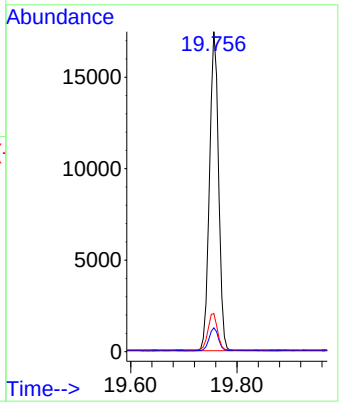
Instrument :
BNA_N
ClientSampleId :
PB134814BS

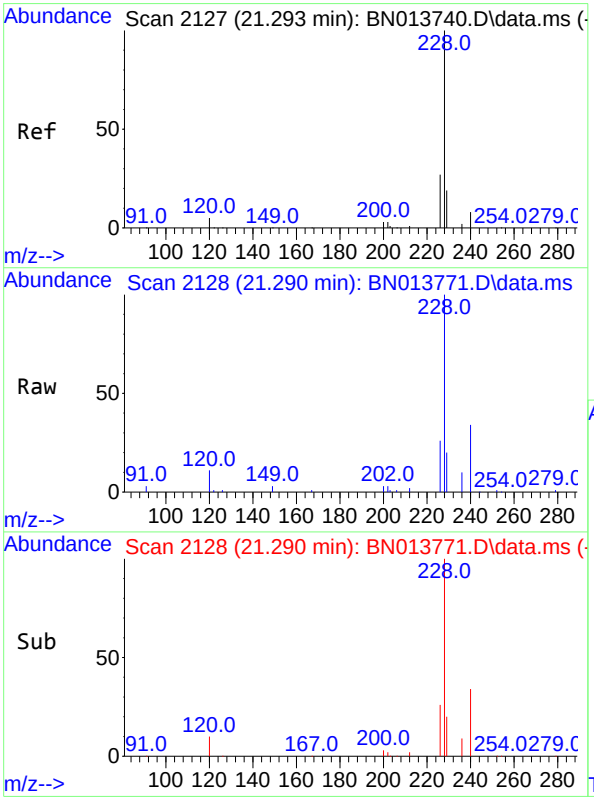


#31
Terphenyl-d14
Concen: 0.40 ng
RT: 19.756 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:244 Resp: 20632

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.9	9.8	14.8

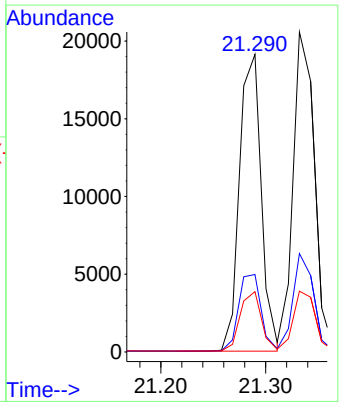




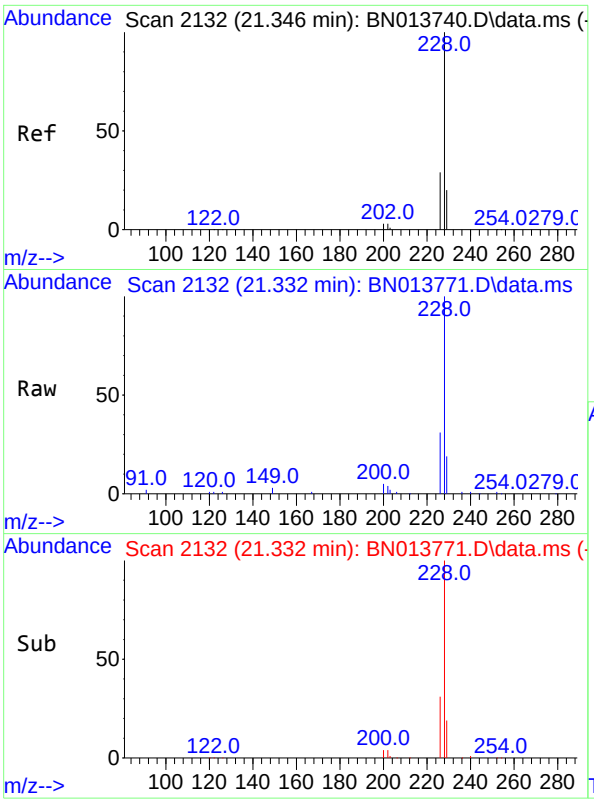
#32
Benzo(a)anthracene
Concen: 0.39 ng
RT: 21.290 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:228 Resp: 27511

Ion	Ratio	Lower	Upper
228	100		
226	26.0	20.5	30.7
229	20.3	16.2	24.4



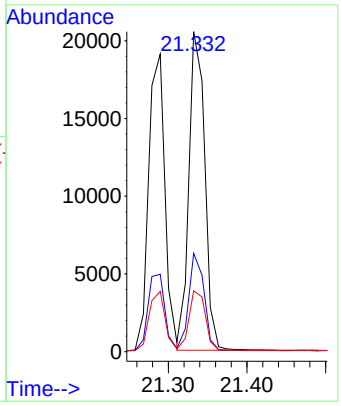
Instrument :
BNA_N
ClientSampleId :
PB134814BS

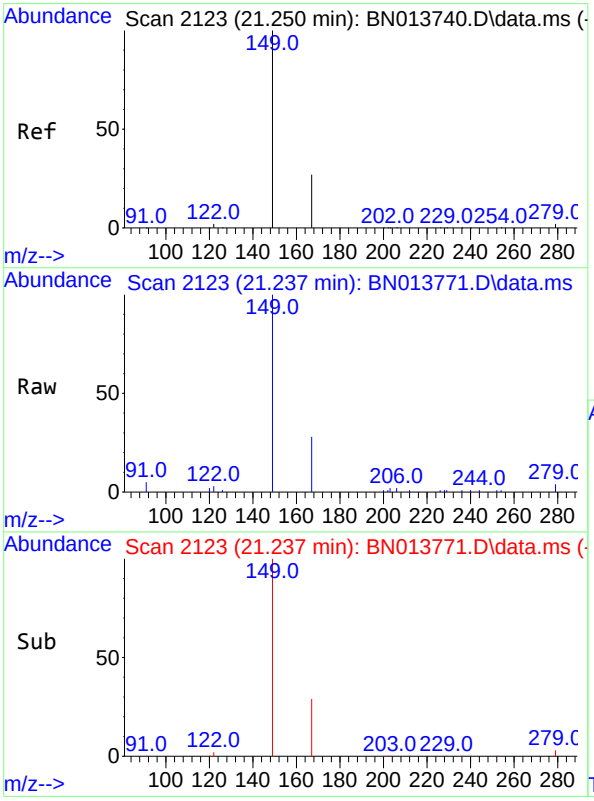


#33
Chrysene
Concen: 0.42 ng
RT: 21.332 min Scan# 2132
Delta R.T. -0.011 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:228 Resp: 28871

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.0	15.1	22.7

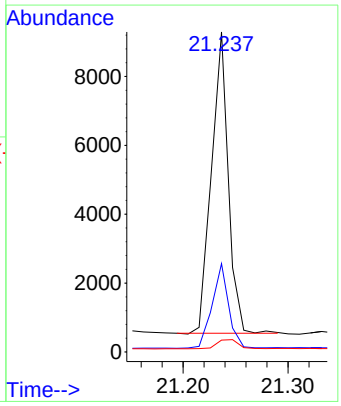




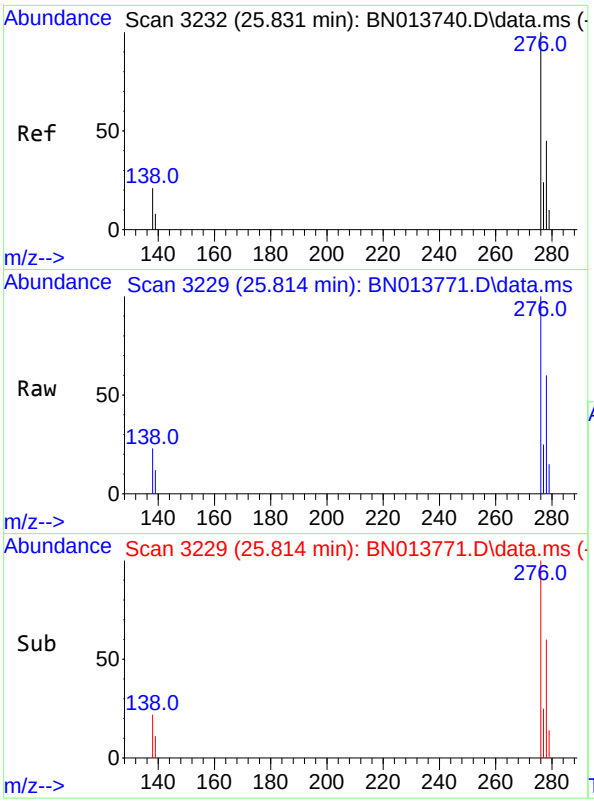
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.29 ng
RT: 21.237 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:149 Resp: 9725

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.1	33.1
279	4.1	3.5	5.3



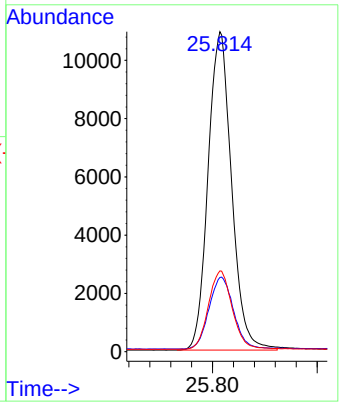
Instrument :
BNA_N
ClientSampleId :
PB134814BS

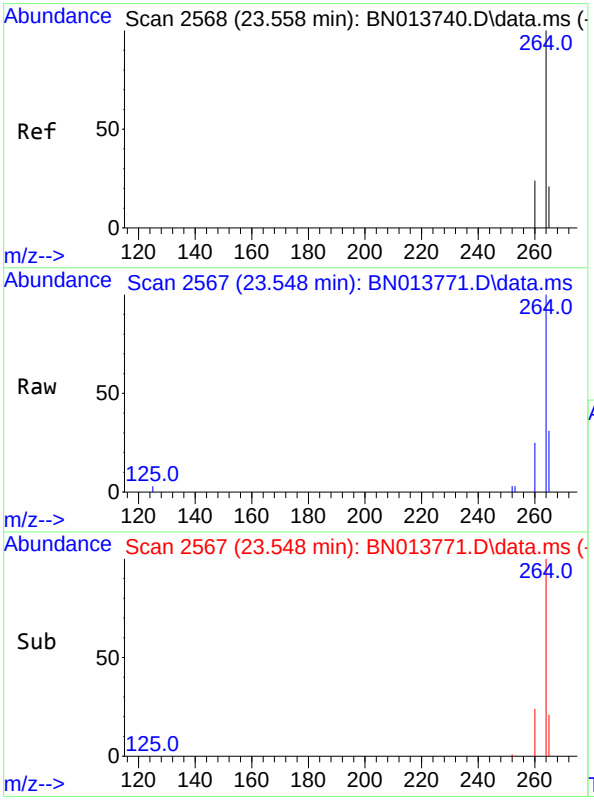


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 25.814 min Scan# 3229
Delta R.T. -0.004 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:276 Resp: 34071

Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.8	29.6
277	24.9	19.9	29.9

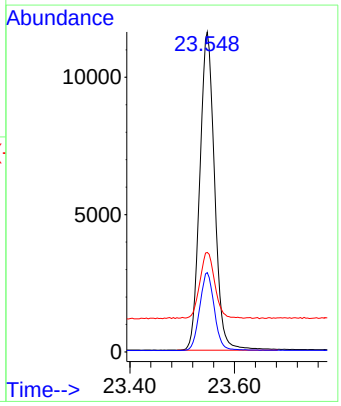




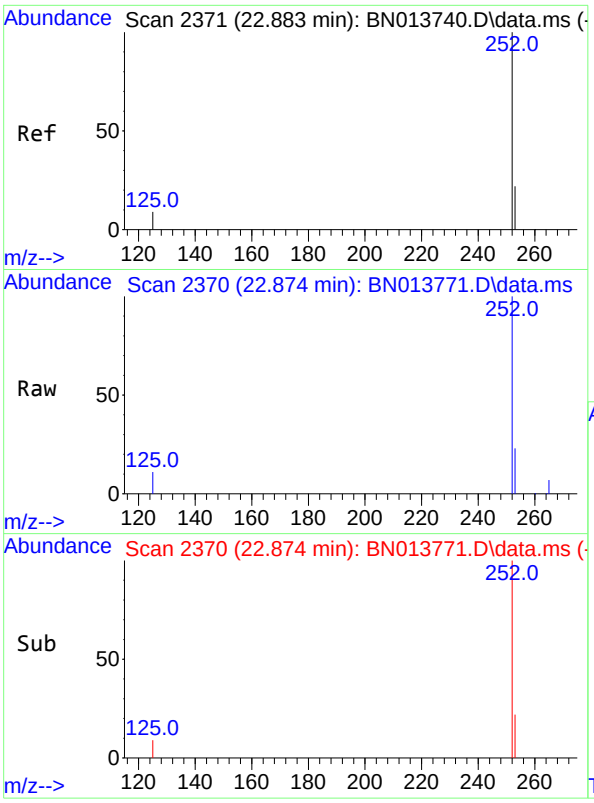
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.548 min Scan# 2567
Delta R.T. -0.004 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:264 Resp: 22718

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	31.1	66.2	99.4#



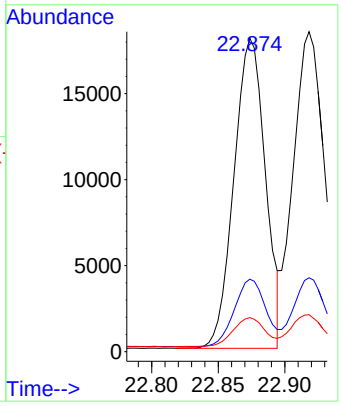
Instrument :
BNA_N
ClientSampleId :
PB134814BS

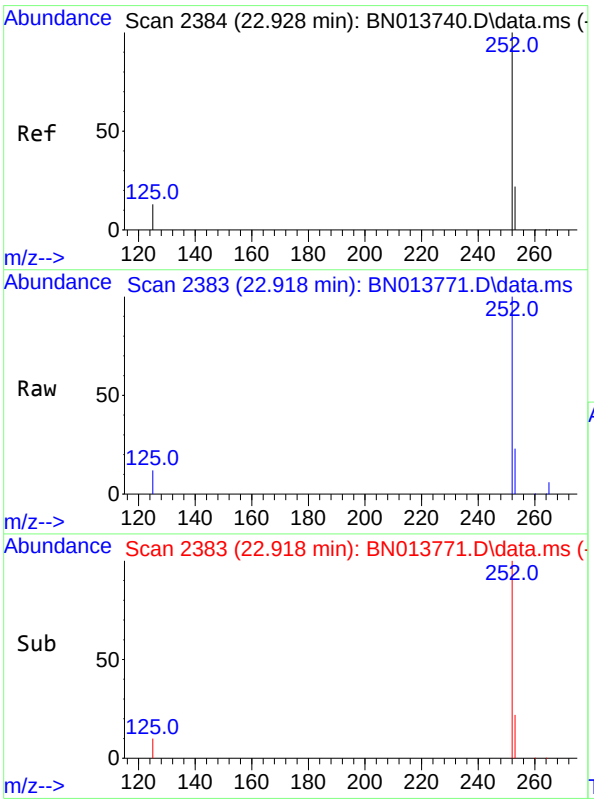


#37
Benzo(b)fluoranthene
Concen: 0.41 ng
RT: 22.874 min Scan# 2370
Delta R.T. -0.004 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:252 Resp: 29522

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.4	30.6
125	10.9	11.6	17.4#

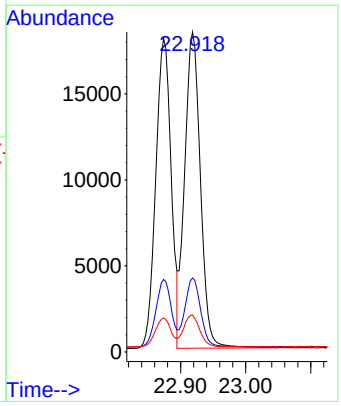




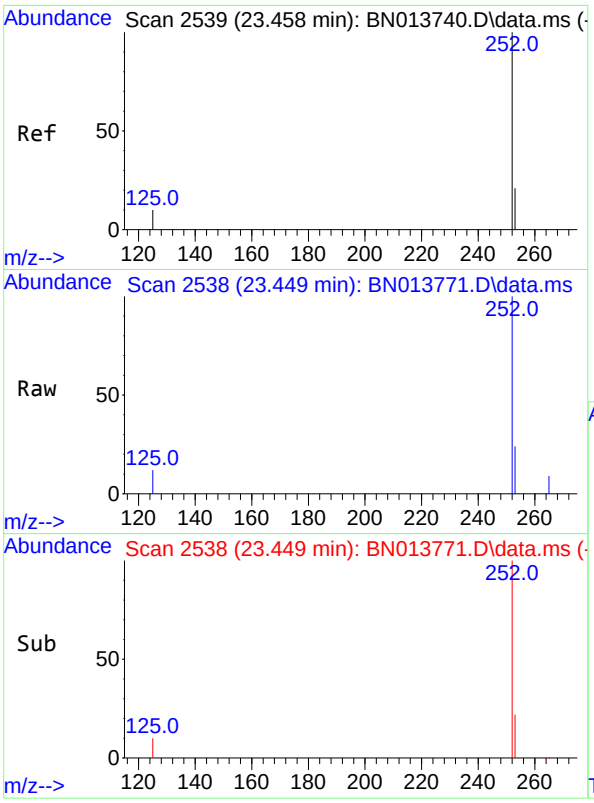
#38
Benzo(k)fluoranthene
Concen: 0.44 ng
RT: 22.918 min Scan# 2383
Delta R.T. -0.004 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:252 Resp: 30911

Ion	Ratio	Lower	Upper
252	100		
253	23.1	20.5	30.7
125	11.5	12.3	18.5#



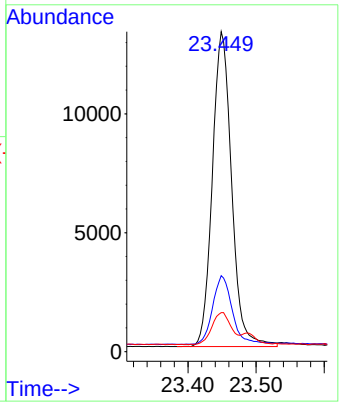
Instrument :
BNA_N
ClientSampleId :
PB134814BS

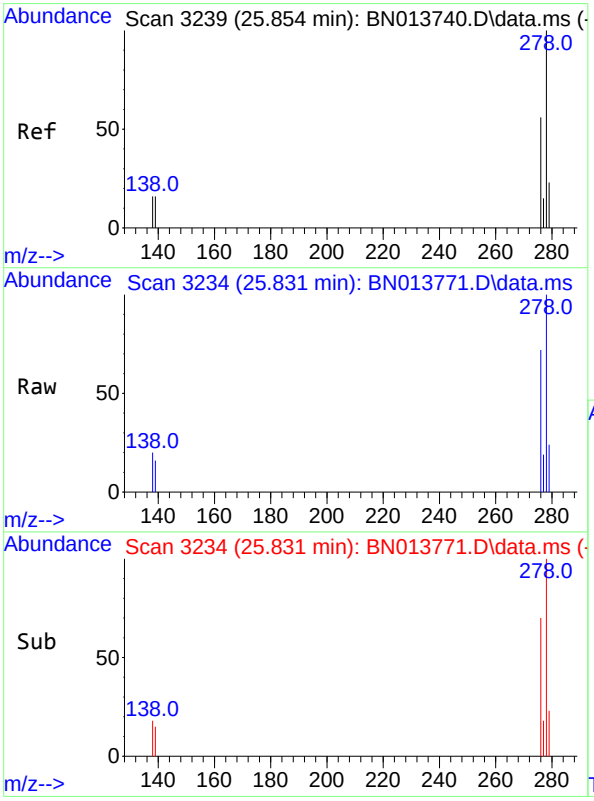


#39
Benzo(a)pyrene
Concen: 0.40 ng
RT: 23.449 min Scan# 2538
Delta R.T. -0.007 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:252 Resp: 26026

Ion	Ratio	Lower	Upper
252	100		
253	23.8	21.8	32.6
125	12.2	14.6	21.8#

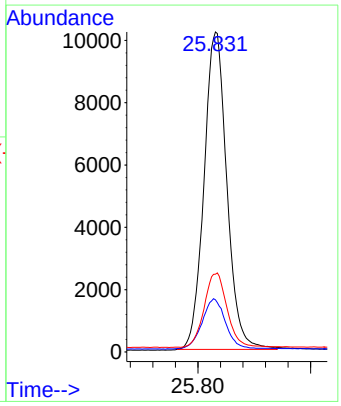


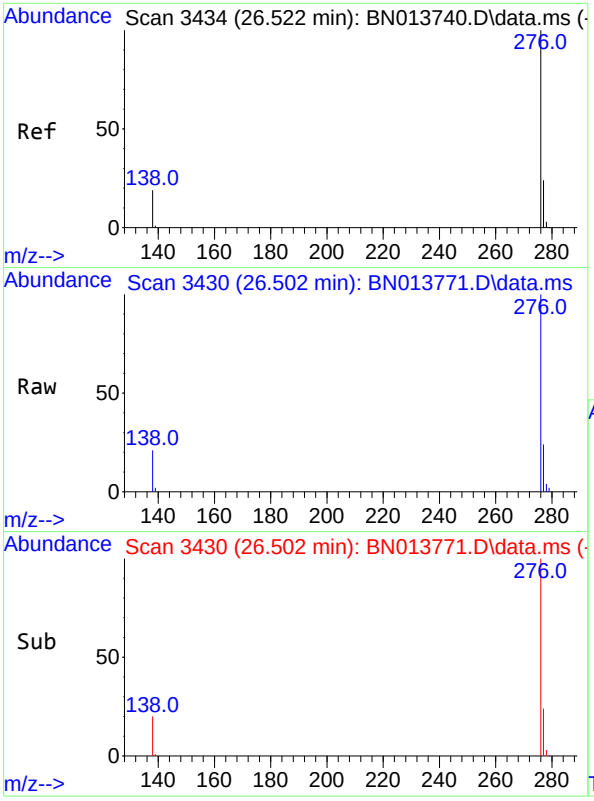


#40
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 25.831 min Scan# 3234
Delta R.T. -0.007 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:278 Resp: 28726

Ion	Ratio	Lower	Upper
278	100		
139	16.3	13.1	19.7
279	24.3	21.4	32.0

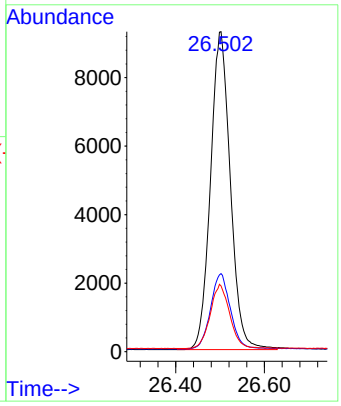




#41
Benzo(g,h,i)perylene
Concen: 0.41 ng
RT: 26.502 min Scan# 3430
Delta R.T. -0.007 min
Lab File: BN013771.D
Acq: 25 Feb 2021 16:48

Tgt Ion:276 Resp: 28801

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.0	30.0
138	20.6	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB134814BS