Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014031.D
Acq On : 23 Mar 2021 03:16
Operator : CG/JU
Sample : PB135259BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB135259BS

Quant Time: Mar 23 03:48:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration

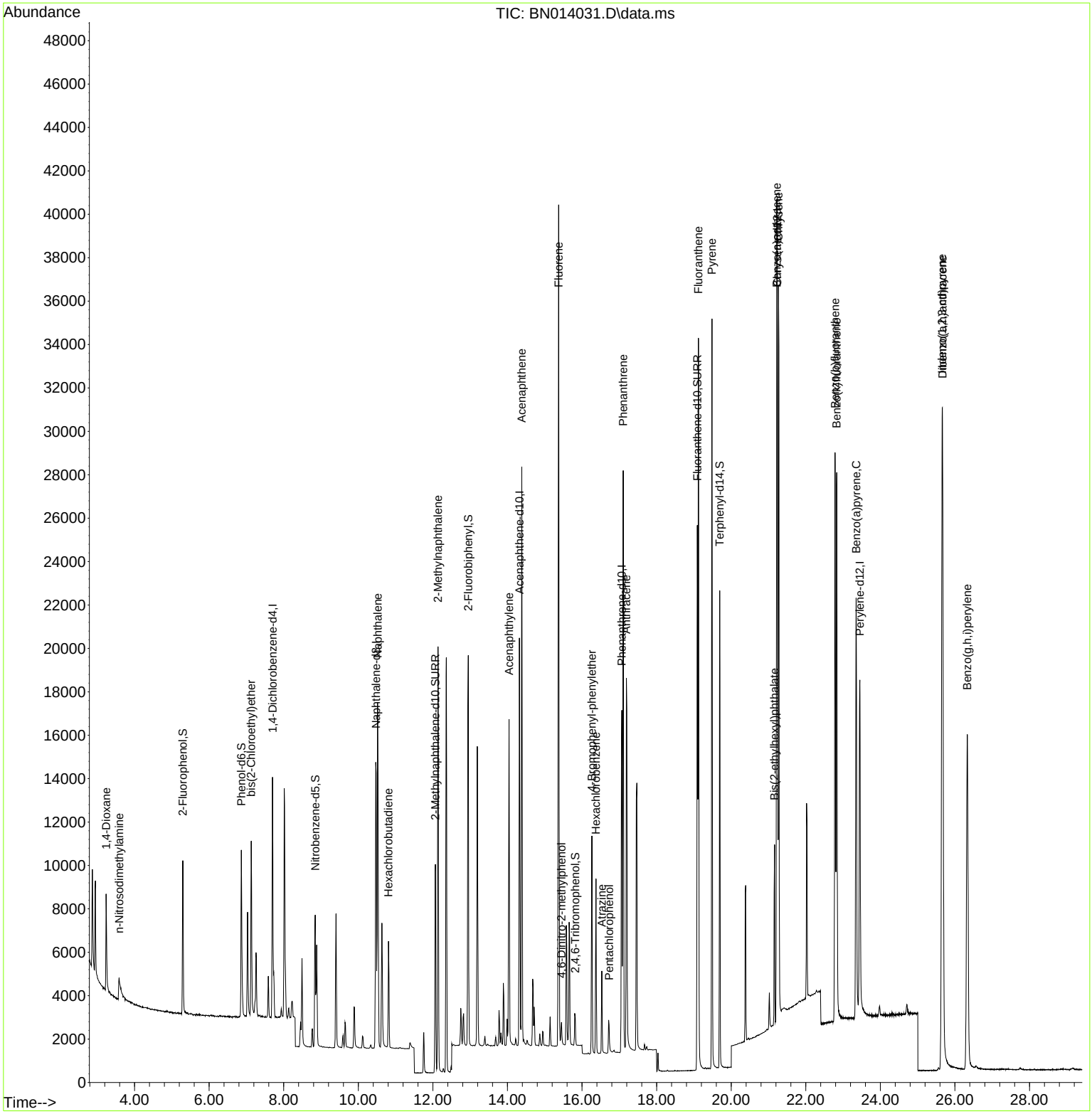
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5201	0.40	ng		0.00
7) Naphthalene-d8	10.479	136	19137	0.40	ng		# 0.00
13) Acenaphthene-d10	14.321	164	10457	0.40	ng		-0.01
19) Phenanthrene-d10	17.067	188	22535	0.40	ng		# 0.00
29) Chrysene-d12	21.236	240	22086	0.40	ng		-0.01
36) Perylene-d12	23.449	264	21397	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	5492	0.46	ng		0.00
5) Phenol-d6	6.863	99	6908	0.45	ng		0.00
8) Nitrobenzene-d5	8.845	82	5056	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.066	152	12993	0.44	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1246	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.950	172	17105	0.44	ng		0.00
27) Fluoranthene-d10	19.091	212	27475	0.44	ng		0.00
31) Terphenyl-d14	19.692	244	21819	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2981	0.43	ng		98
3) n-Nitrosodimethylamine	3.585	42	1508	0.33	ng	#	92
6) bis(2-Chloroethyl)ether	7.128	93	5942	0.44	ng		95
9) Naphthalene	10.517	128	21214	0.45	ng		99
10) Hexachlorobutadiene	10.809	225	3965	0.45	ng	#	100
12) 2-Methylnaphthalene	12.137	142	13992	0.44	ng		99
16) Acenaphthylene	14.042	152	16470	0.41	ng		99
17) Acenaphthene	14.384	154	12582	0.43	ng		99
18) Fluorene	15.374	166	15740	0.42	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	886	0.35	ng	#	81
21) 4-Bromophenyl-phenylether	16.264	248	4877	0.42	ng	#	88
22) Hexachlorobenzene	16.373	284	5850	0.44	ng		99
23) Atrazine	16.531	200	2980	0.38	ng		98
24) Pentachlorophenol	16.726	266	970	0.31	ng		96
25) Phenanthrene	17.103	178	26284	0.43	ng		100
26) Anthracene	17.189	178	21381	0.42	ng		100
28) Fluoranthene	19.121	202	29805	0.44	ng		99
30) Pyrene	19.483	202	30155	0.45	ng		100
32) Benzo(a)anthracene	21.226	228	26662	0.42	ng		99
33) Chrysene	21.268	228	31729	0.47	ng		100
34) Bis(2-ethylhexyl)phtha...	21.162	149	7883	0.34	ng		99
35) Indeno(1,2,3-cd)pyrene	25.656	276	35990	0.49	ng		99
37) Benzo(b)fluoranthene	22.785	252	33312	0.43	ng		97
38) Benzo(k)fluoranthene	22.829	252	31775	0.42	ng	#	95
39) Benzo(a)pyrene	23.349	252	28466	0.43	ng	#	95
40) Dibenzo(a,h)anthracene	25.667	278	30402	0.43	ng		98
41) Benzo(g,h,i)perylene	26.331	276	32824	0.44	ng		98

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

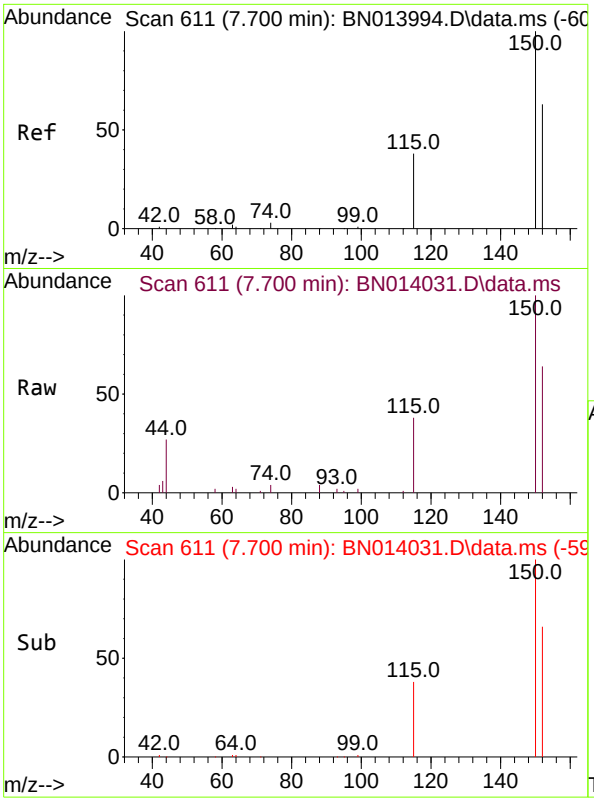
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032221\
Data File : BN014031.D
Acq On : 23 Mar 2021 03:16
Operator : CG/JU
Sample : PB135259BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135259BS

Quant Time: Mar 23 03:48:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 19 14:40:09 2021
Response via : Initial Calibration



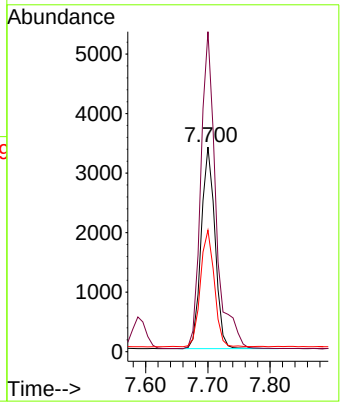
Instrument :
BNA_N
ClientSampleId :
PB135259BS

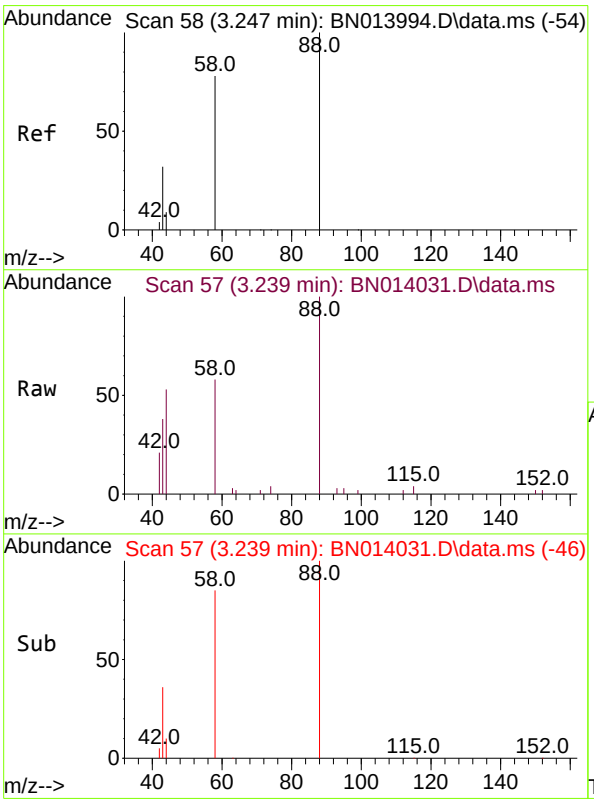


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.700 min Scan# 611
Delta R.T. 0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:152 Resp: 5201

Ion	Ratio	Lower	Upper
152	100		
150	156.4	121.8	182.8
115	59.4	46.6	69.8

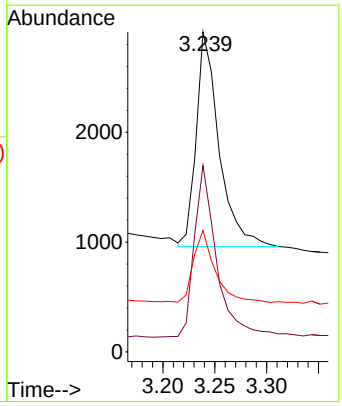




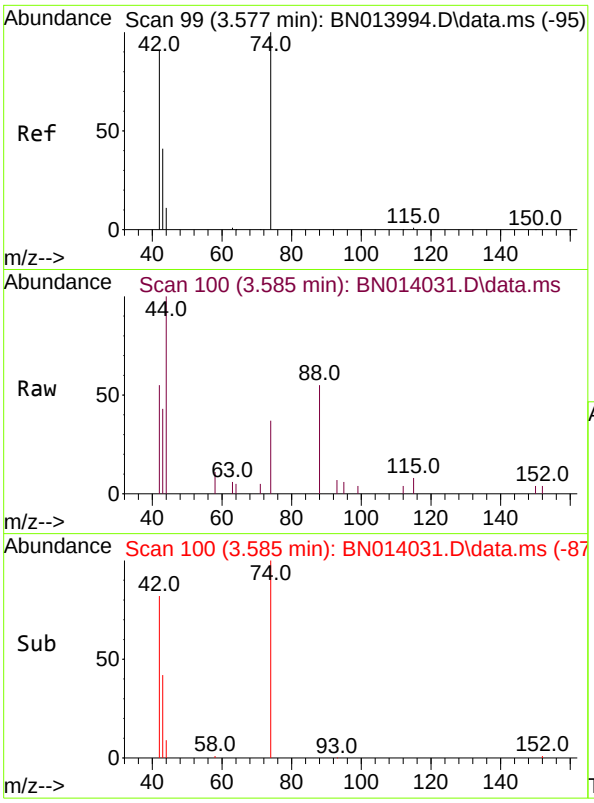
#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.239 min Scan# 57
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion: 88 Resp: 2981

Ion	Ratio	Lower	Upper
88	100		
58	78.9	64.6	96.8
43	31.5	26.6	40.0



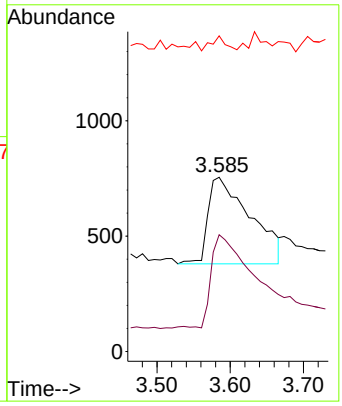
Instrument :
BNA_N
ClientSampleId :
PB135259BS

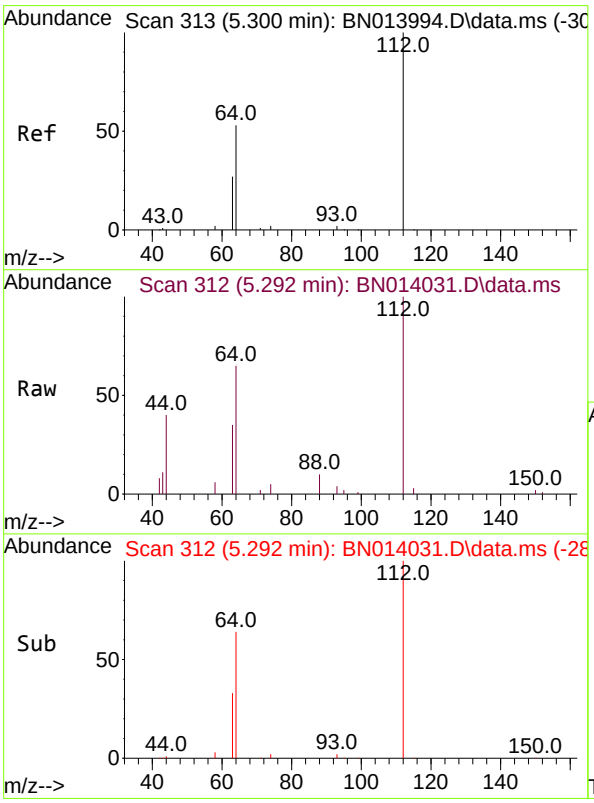


#3
n-Nitrosodimethylamine
Concen: 0.33 ng
RT: 3.585 min Scan# 100
Delta R.T. 0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion: 42 Resp: 1508

Ion	Ratio	Lower	Upper
42	100		
74	109.7	95.0	142.6
44	5.7	5.8	8.8#

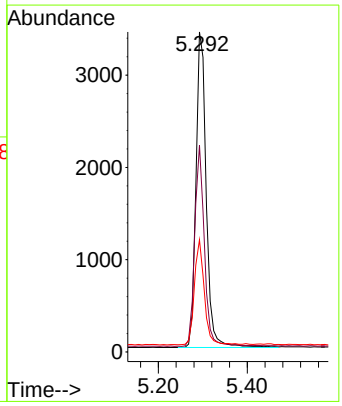




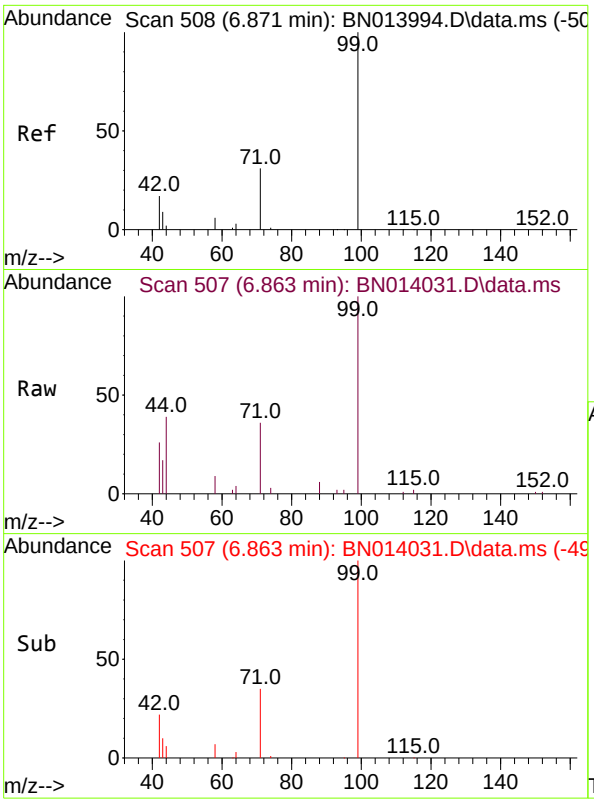
#4
2-Fluorophenol
Concen: 0.46 ng
RT: 5.292 min Scan# 312
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:112 Resp: 5492

Ion	Ratio	Lower	Upper
112	100		
64	60.1	44.3	66.5
63	32.3	23.0	34.6



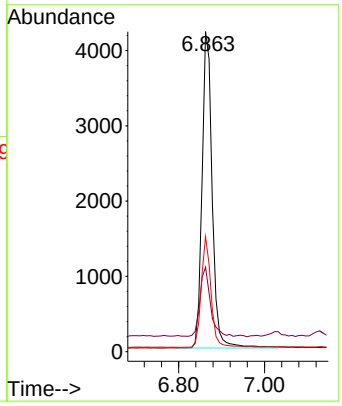
Instrument :
BNA_N
ClientSampleId :
PB135259BS

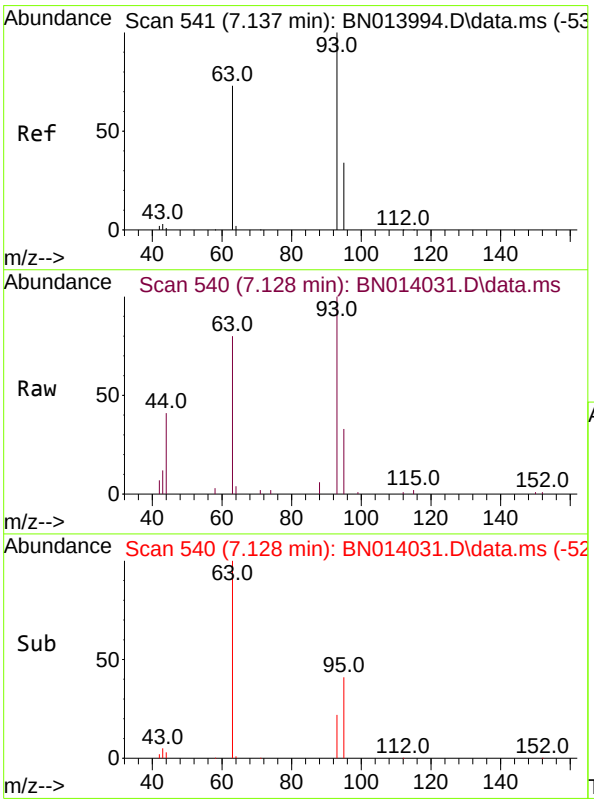


#5
Phenol-d6
Concen: 0.45 ng
RT: 6.863 min Scan# 507
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion: 99 Resp: 6908

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.2	22.8
71	33.6	26.1	39.1

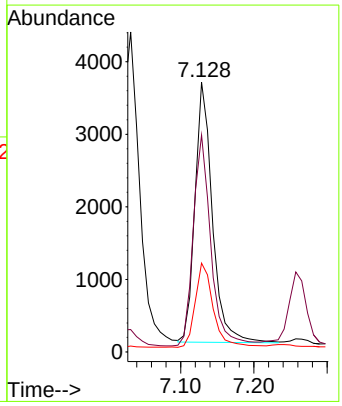




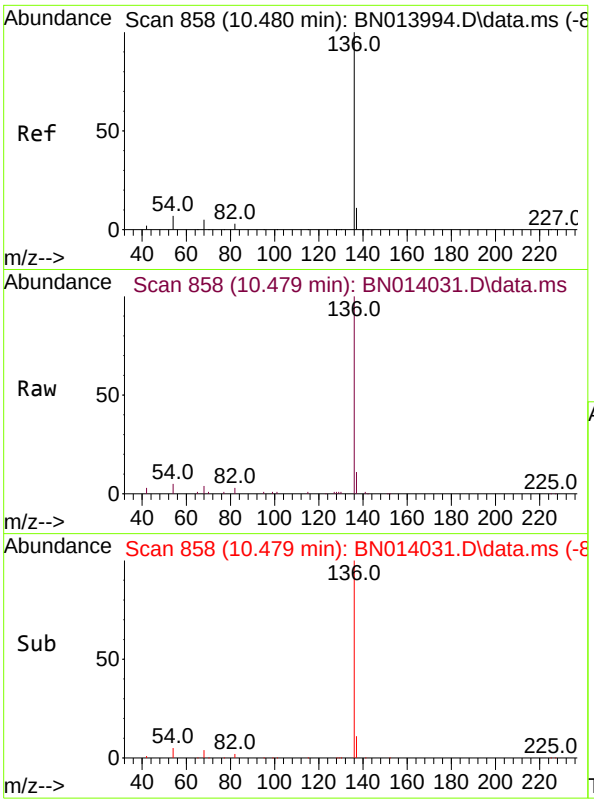
#6
bis(2-Chloroethyl)ether
Concen: 0.44 ng
RT: 7.128 min Scan# 540
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion: 93 Resp: 5942

Ion	Ratio	Lower	Upper
93	100		
63	81.6	60.8	91.2
95	33.4	26.0	39.0



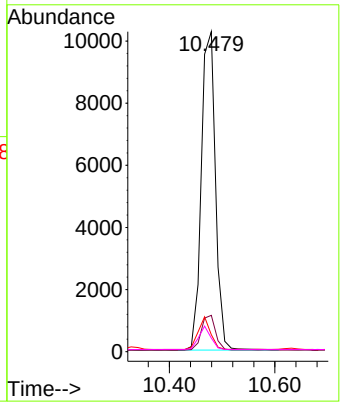
Instrument :
BNA_N
ClientSampleId :
PB135259BS

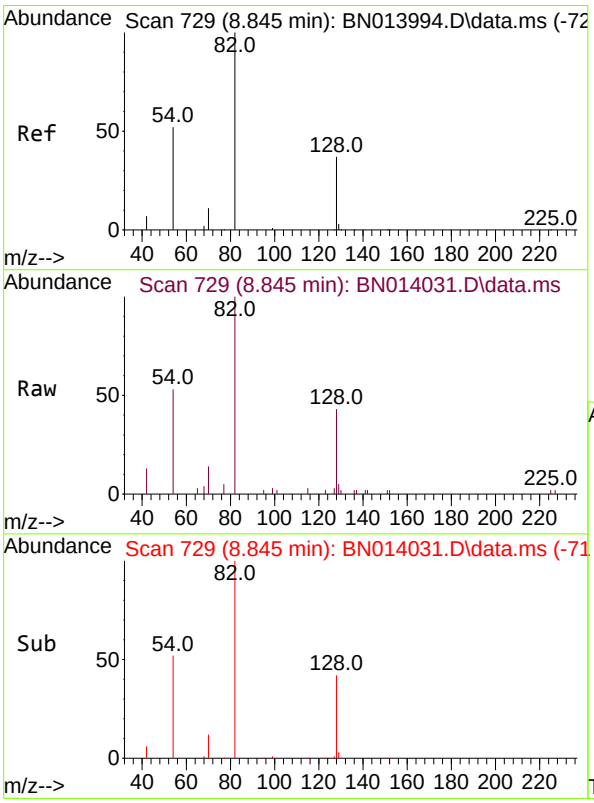


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.479 min Scan# 858
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:136 Resp: 19137

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	5.3	6.4	9.6#
68	4.3	4.5	6.7#

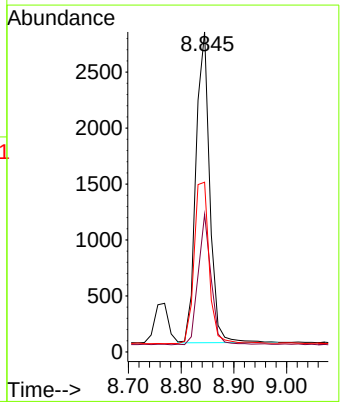




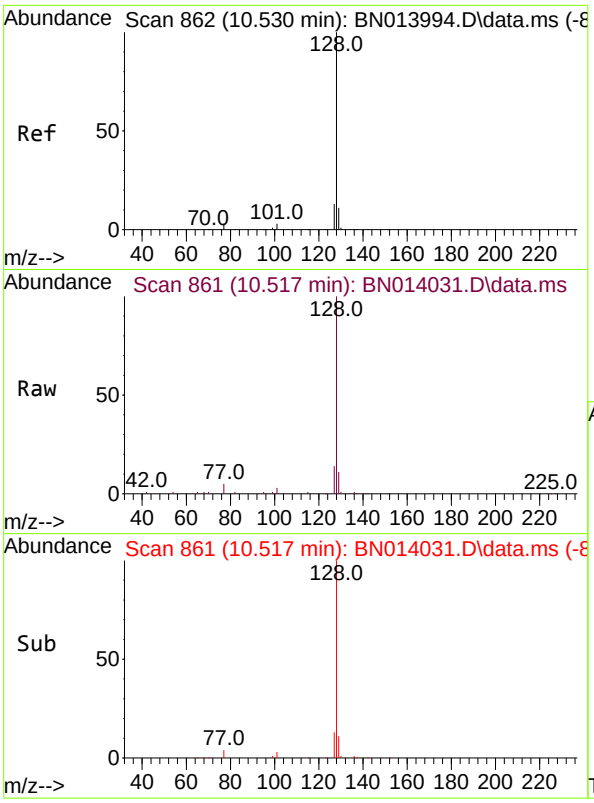
#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.845 min Scan# 729
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion: 82 Resp: 5056

Ion	Ratio	Lower	Upper
82	100		
128	43.0	39.2	58.8
54	53.1	40.1	60.1



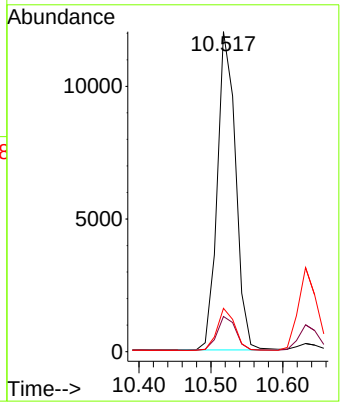
Instrument :
BNA_N
ClientSampleId :
PB135259BS

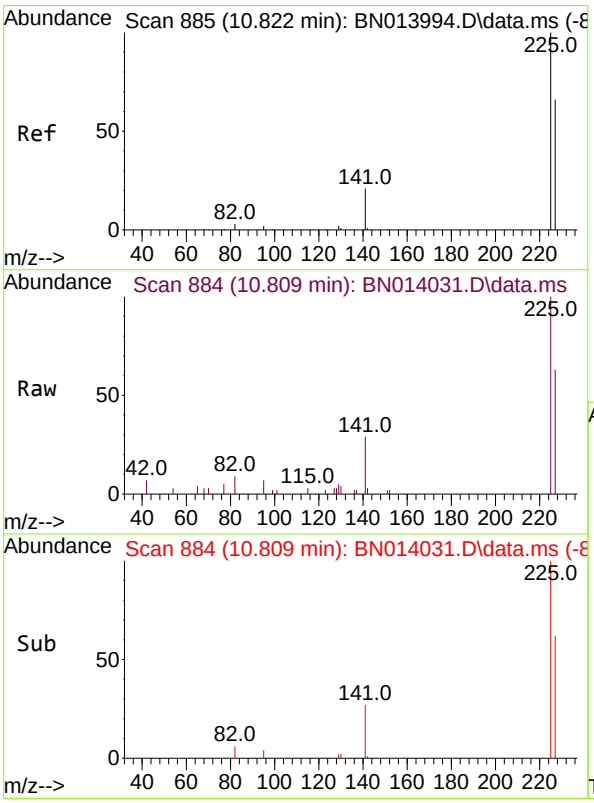


#9
Naphthalene
Concen: 0.45 ng
RT: 10.517 min Scan# 861
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:128 Resp: 21214

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.5	10.4	15.6

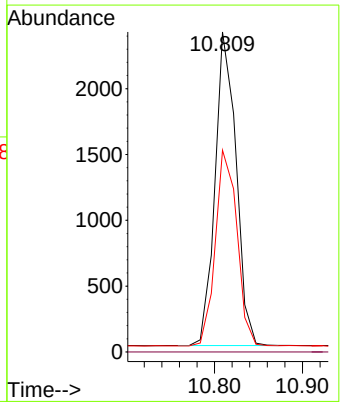




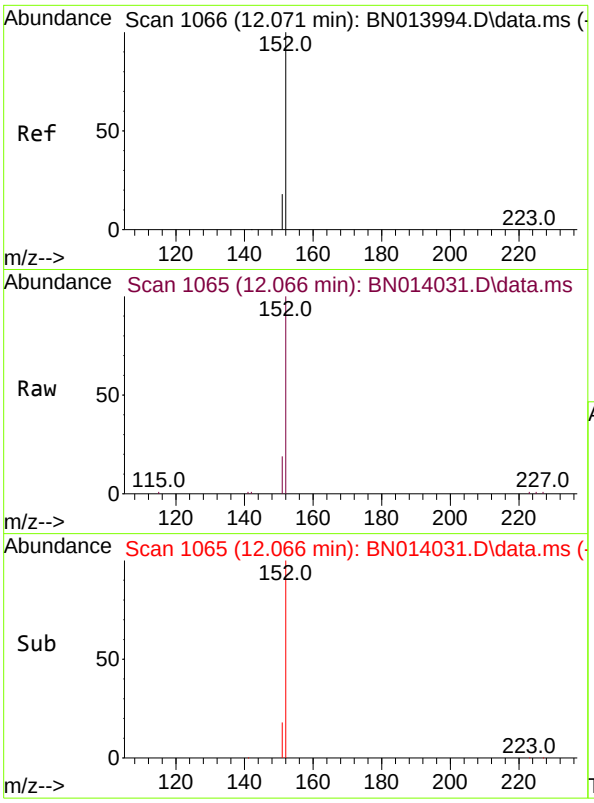
#10
Hexachlorobutadiene
Concen: 0.45 ng
RT: 10.809 min Scan# 884
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:225 Resp: 3965

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.2	76.8



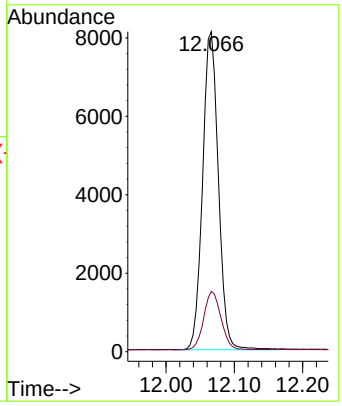
Instrument :
BNA_N
ClientSampleId :
PB135259BS

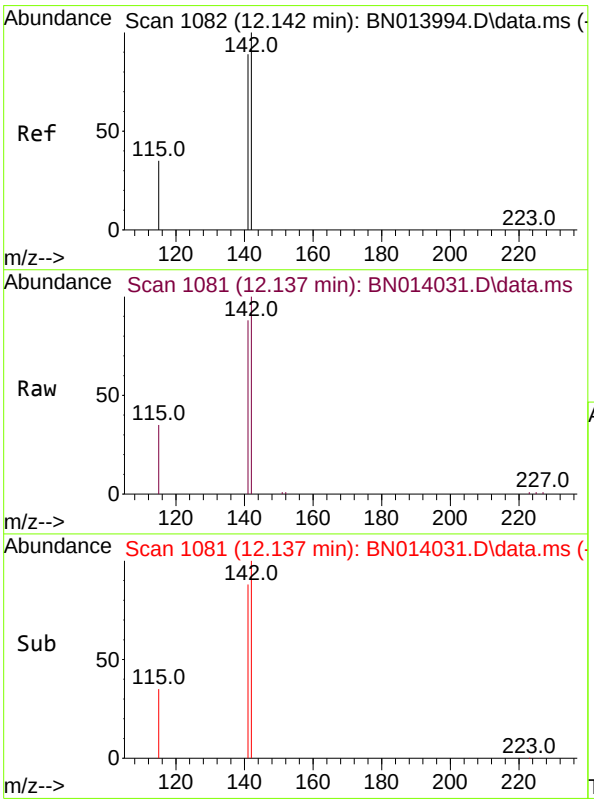


#11
2-Methylnaphthalene-d10
Concen: 0.44 ng
RT: 12.066 min Scan# 1065
Delta R.T. -0.005 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:152 Resp: 12993

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

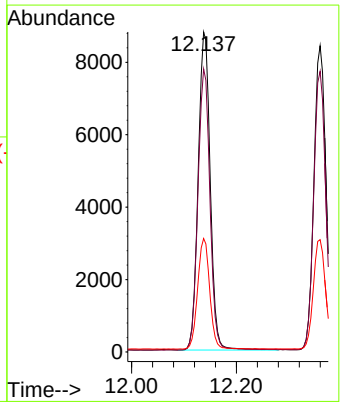




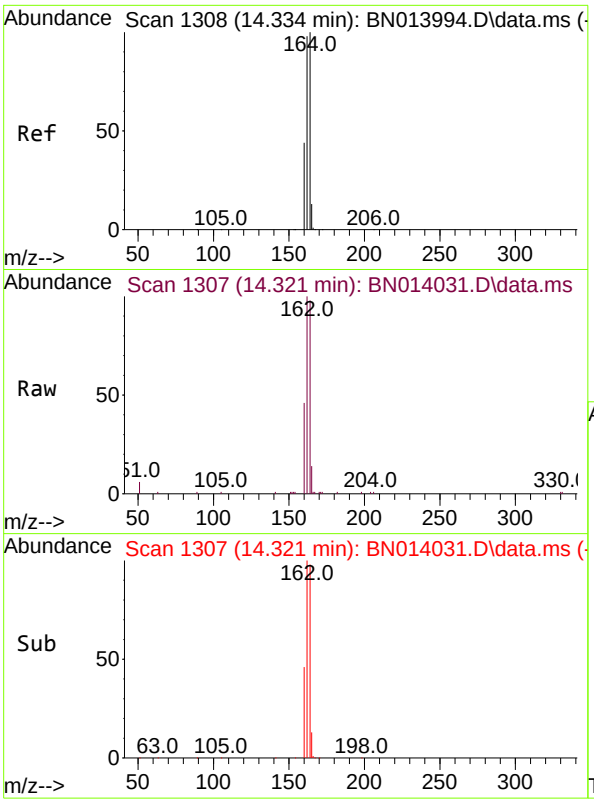
#12
2-Methylnaphthalene
Concen: 0.44 ng
RT: 12.137 min Scan# 1081
Delta R.T. -0.005 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:142 Resp: 13992

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.5	105.7
115	35.4	27.4	41.0



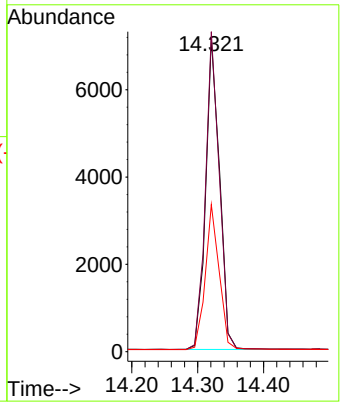
Instrument :
BNA_N
ClientSampleId :
PB135259BS

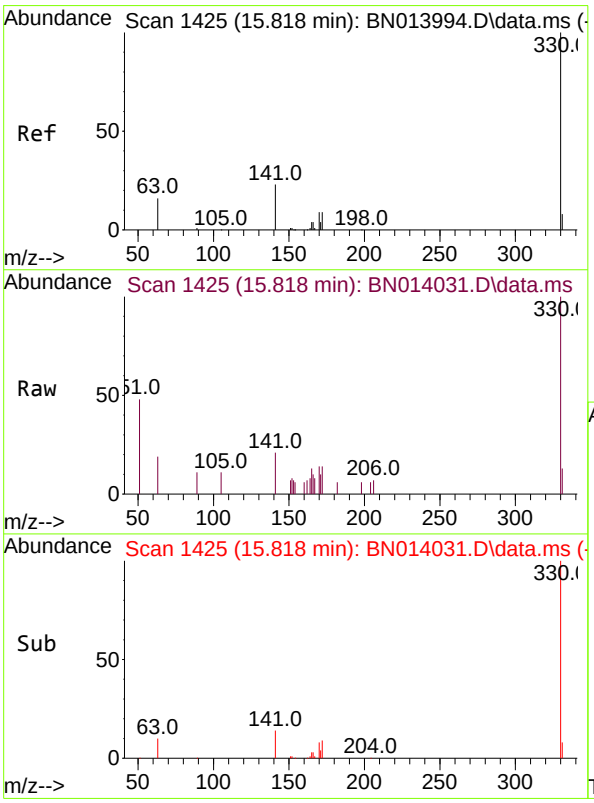


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.321 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:164 Resp: 10457

Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.6	119.4
160	46.9	36.0	54.0

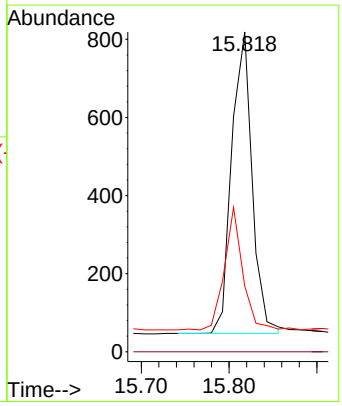




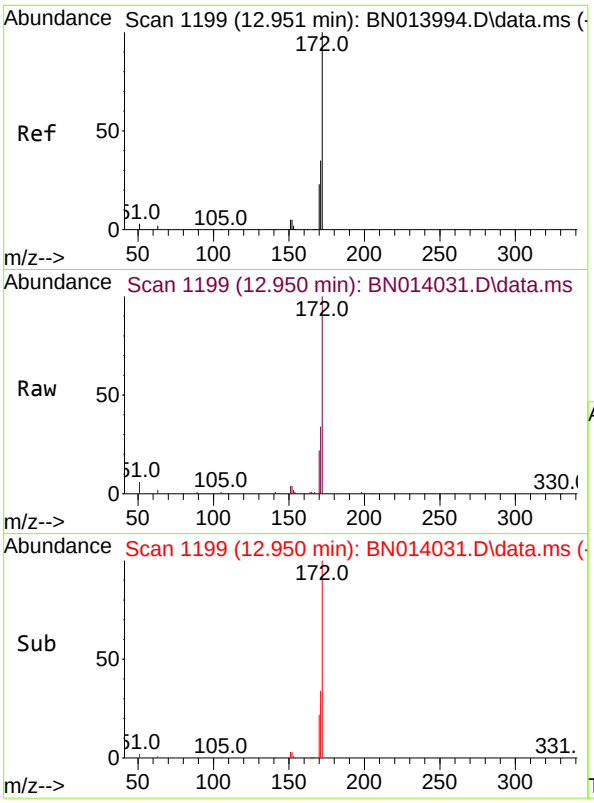
#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.818 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:330 Resp: 1246

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.4	26.8	40.2



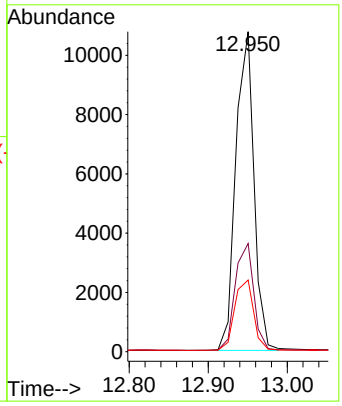
Instrument :
BNA_N
ClientSampleId :
PB135259BS

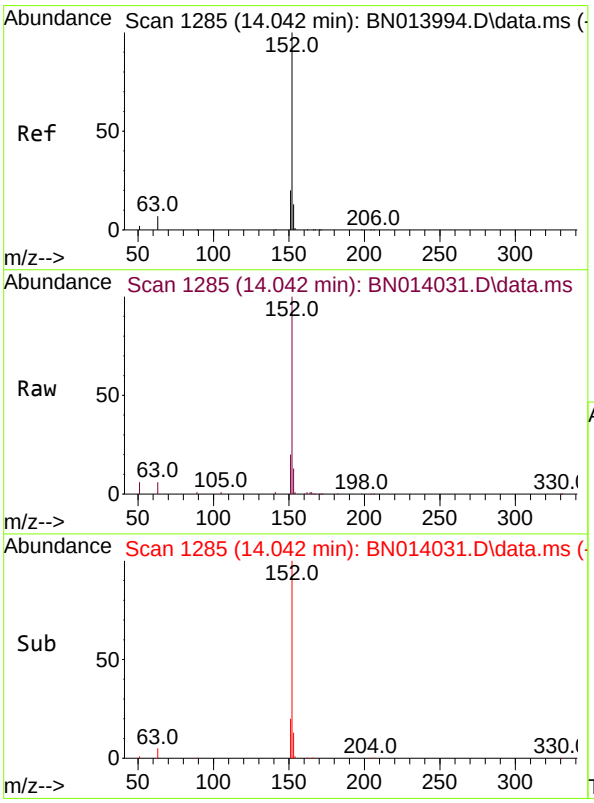


#15
2-Fluorobiphenyl
Concen: 0.44 ng
RT: 12.950 min Scan# 1199
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:172 Resp: 17105

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	22.4	18.9	28.3

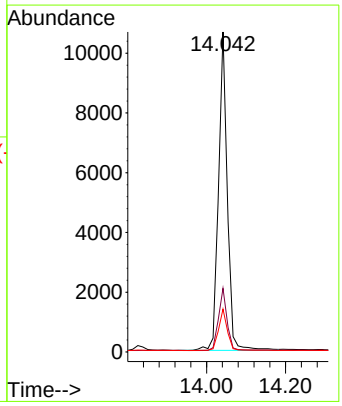




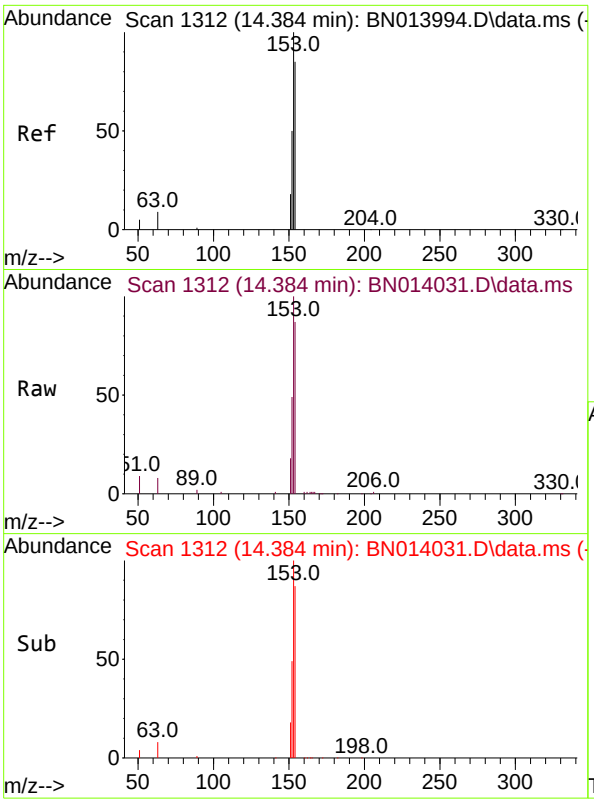
#16
Acenaphthylene
Concen: 0.41 ng
RT: 14.042 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:152 Resp: 16470

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



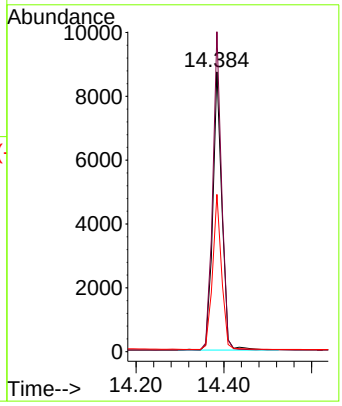
Instrument :
BNA_N
ClientSampleId :
PB135259BS

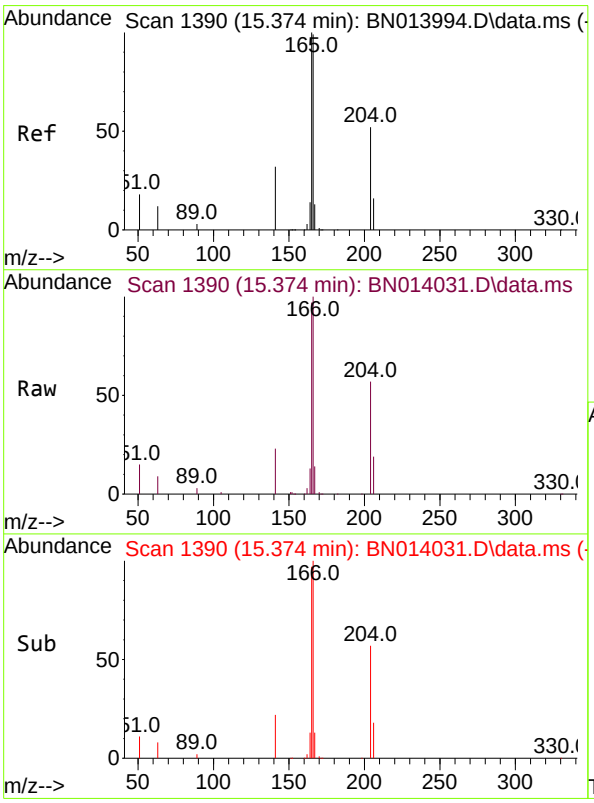


#17
Acenaphthene
Concen: 0.43 ng
RT: 14.384 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:154 Resp: 12582

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

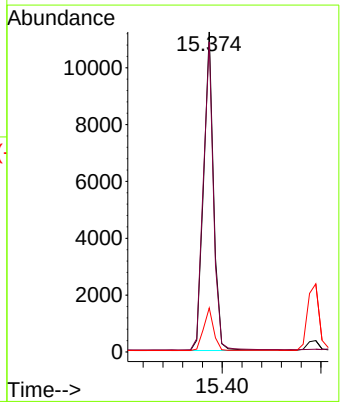




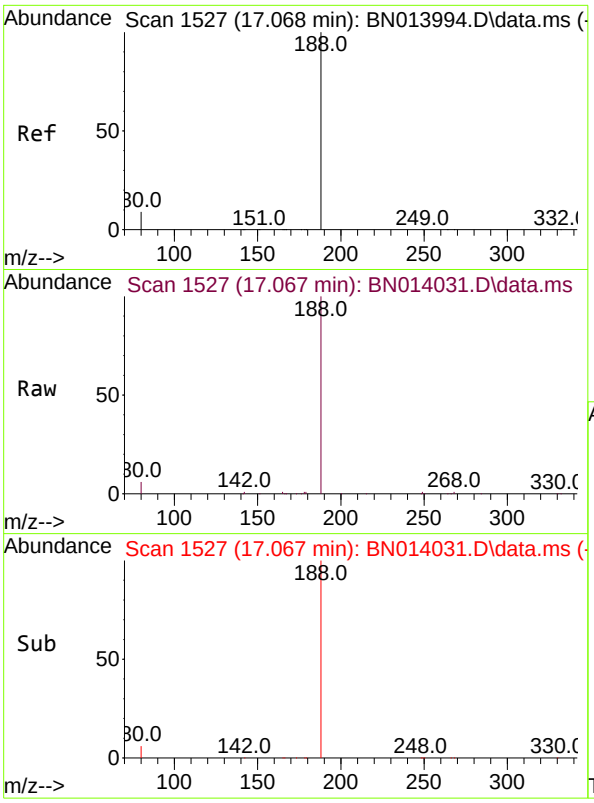
#18
Fluorene
Concen: 0.42 ng
RT: 15.374 min Scan# 1390
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:166 Resp: 15740

Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.8
167	13.4	10.6	16.0



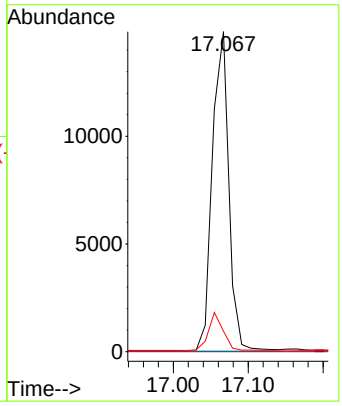
Instrument :
BNA_N
ClientSampleId :
PB135259BS

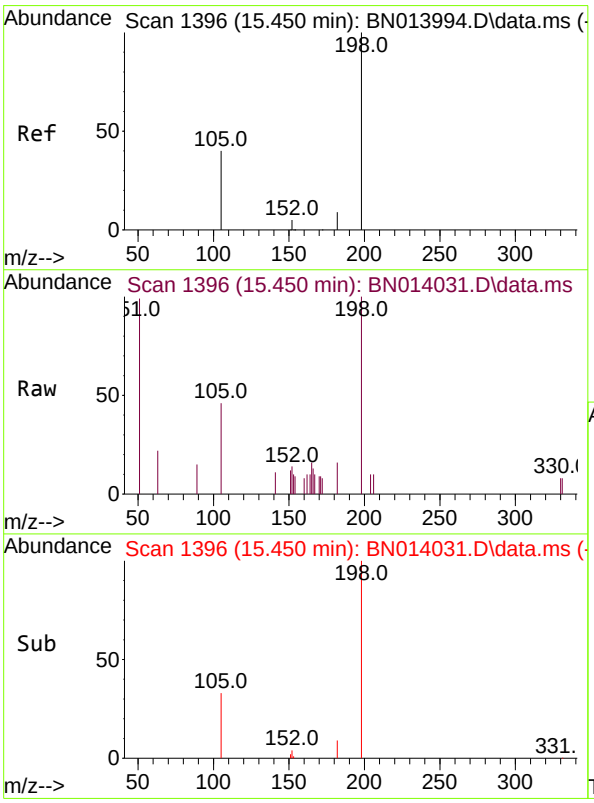


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.067 min Scan# 1527
Delta R.T. -0.001 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:188 Resp: 22535

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.4	9.0	13.6#

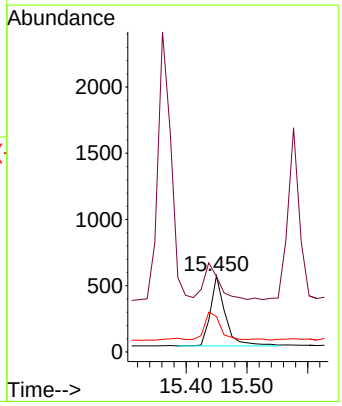




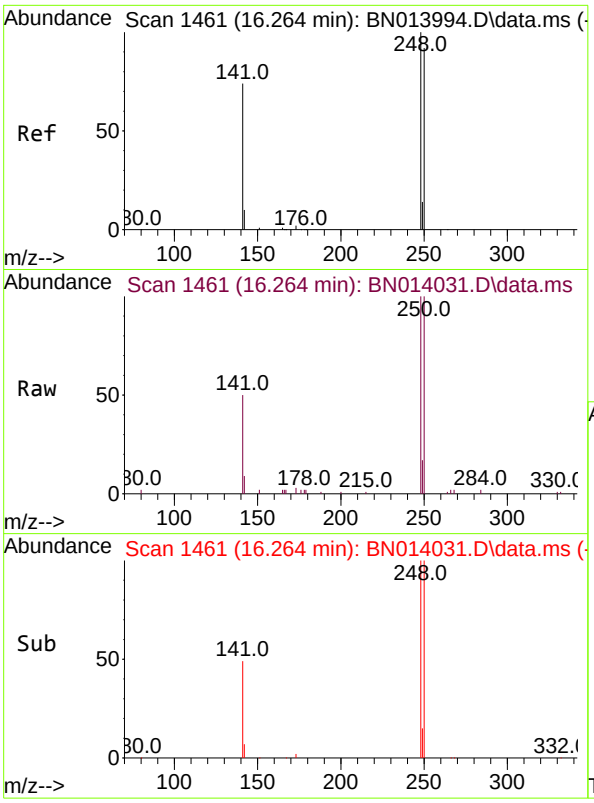
#20
4,6-Dinitro-2-methylphenol
Concen: 0.35 ng
RT: 15.450 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:198 Resp: 886

Ion	Ratio	Lower	Upper
198	100		
51	99.1	61.7	92.5#
105	46.4	33.0	49.6



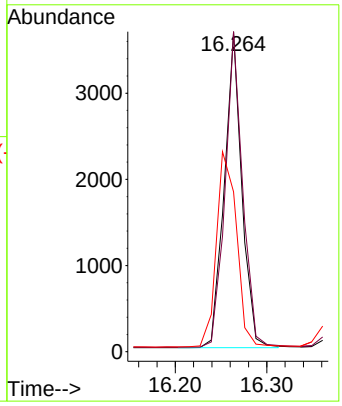
Instrument :
BNA_N
ClientSampleId :
PB135259BS

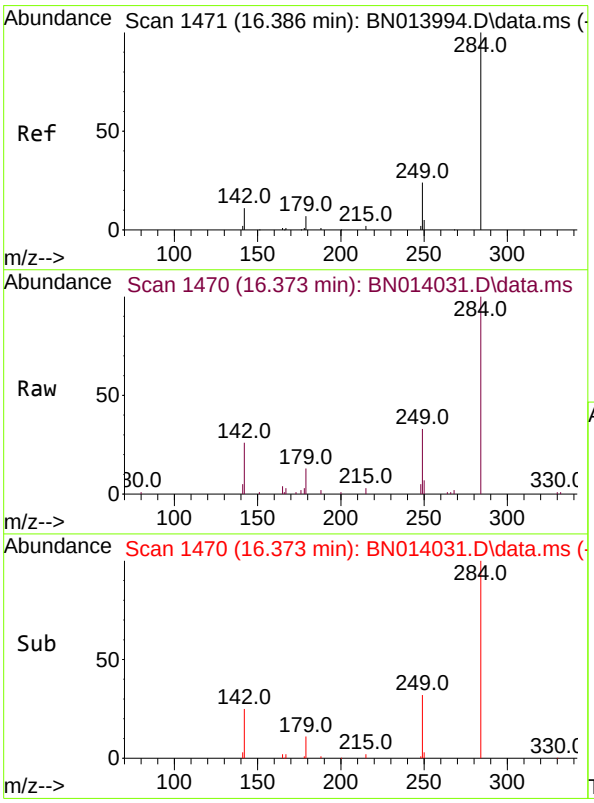


#21
4-Bromophenyl-phenylether
Concen: 0.42 ng
RT: 16.264 min Scan# 1461
Delta R.T. -0.001 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:248 Resp: 4877

Ion	Ratio	Lower	Upper
248	100		
250	100.1	75.5	113.3
141	50.0	53.8	80.8#

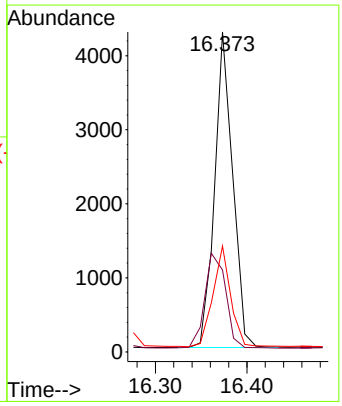




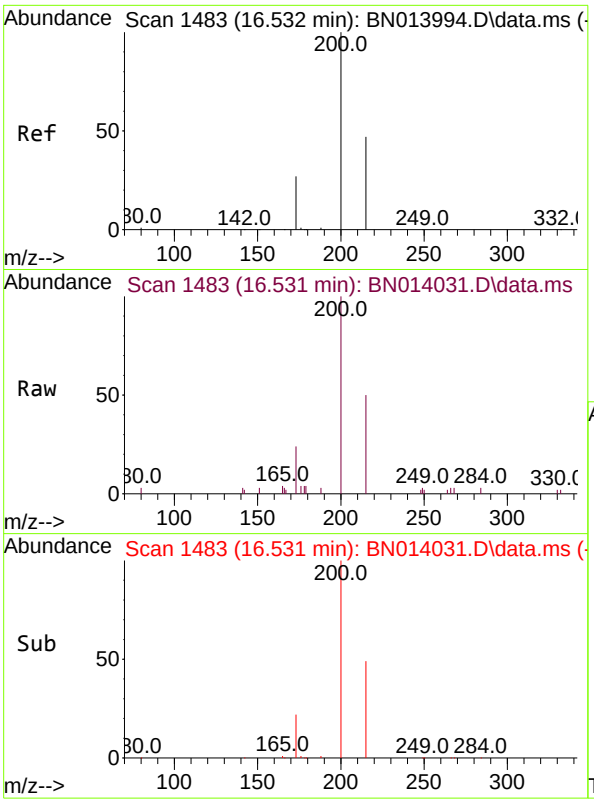
#22
Hexachlorobenzene
Concen: 0.44 ng
RT: 16.373 min Scan# 1470
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:284 Resp: 5850

Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.9	41.9
249	30.8	24.2	36.2



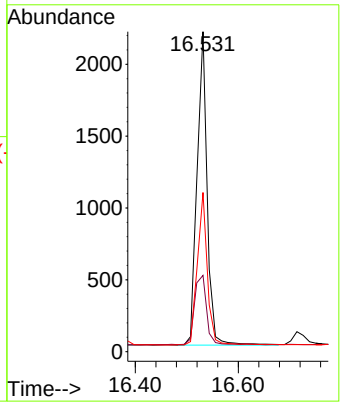
Instrument :
BNA_N
ClientSampleId :
PB135259BS

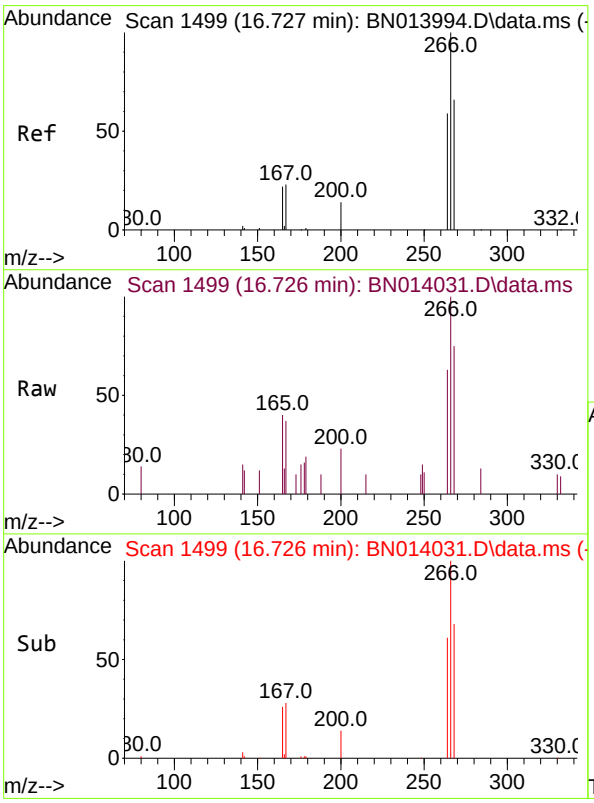


#23
Atrazine
Concen: 0.38 ng
RT: 16.531 min Scan# 1483
Delta R.T. -0.001 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:200 Resp: 2980

Ion	Ratio	Lower	Upper
200	100		
173	23.8	18.6	28.0
215	49.8	41.0	61.6

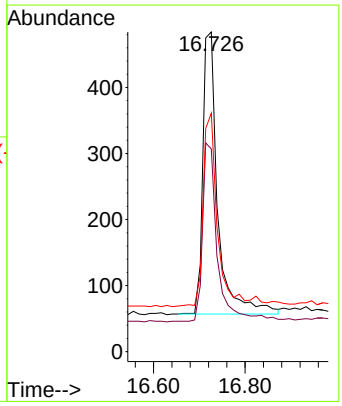




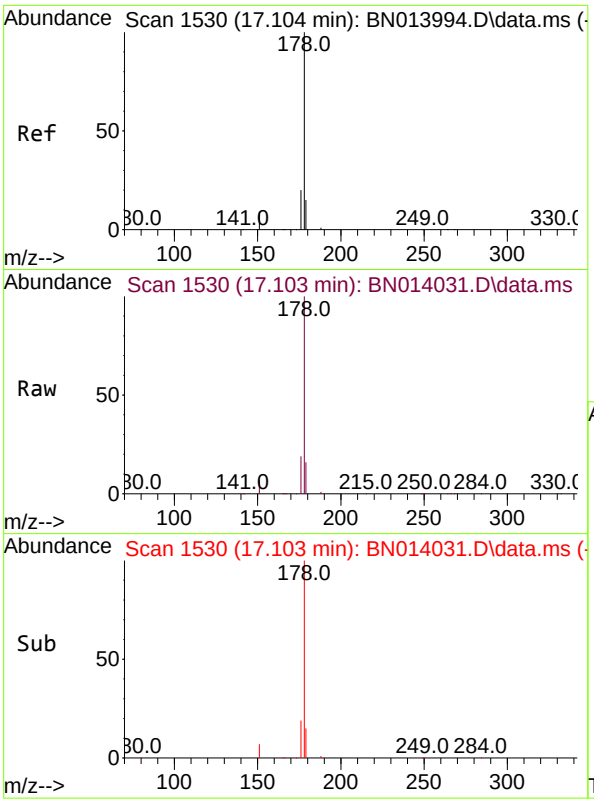
#24
Pentachlorophenol
Concen: 0.31 ng
RT: 16.726 min Scan# 1499
Delta R.T. -0.001 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:266 Resp: 970

Ion	Ratio	Lower	Upper
266	100		
264	63.2	51.6	77.4
268	64.0	54.6	82.0



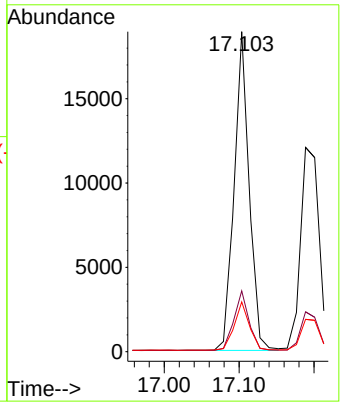
Instrument :
BNA_N
ClientSampleId :
PB135259BS

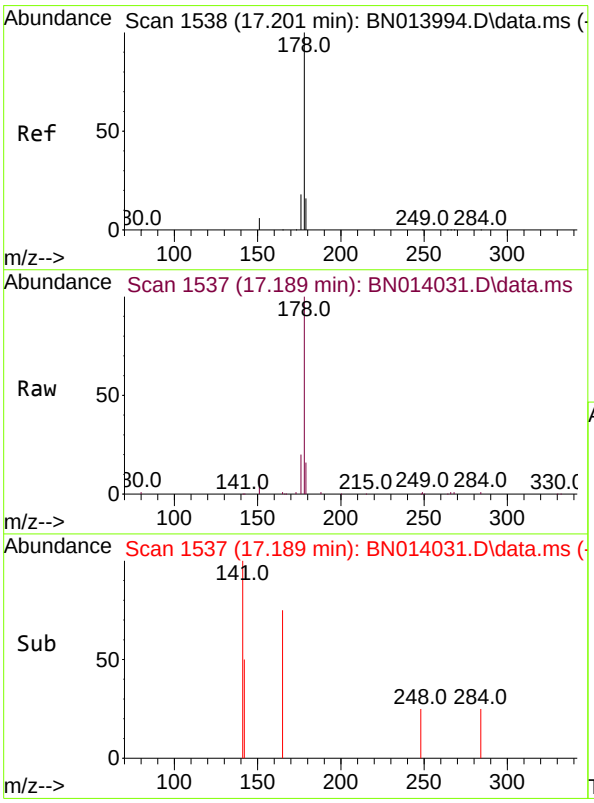


#25
Phenanthrene
Concen: 0.43 ng
RT: 17.103 min Scan# 1530
Delta R.T. -0.001 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:178 Resp: 26284

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.4	12.3	18.5

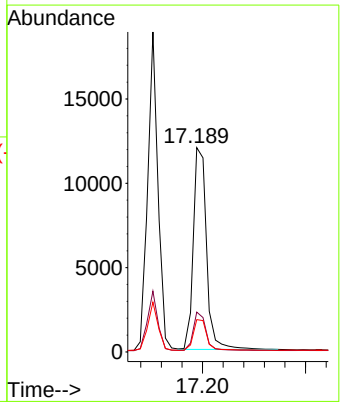




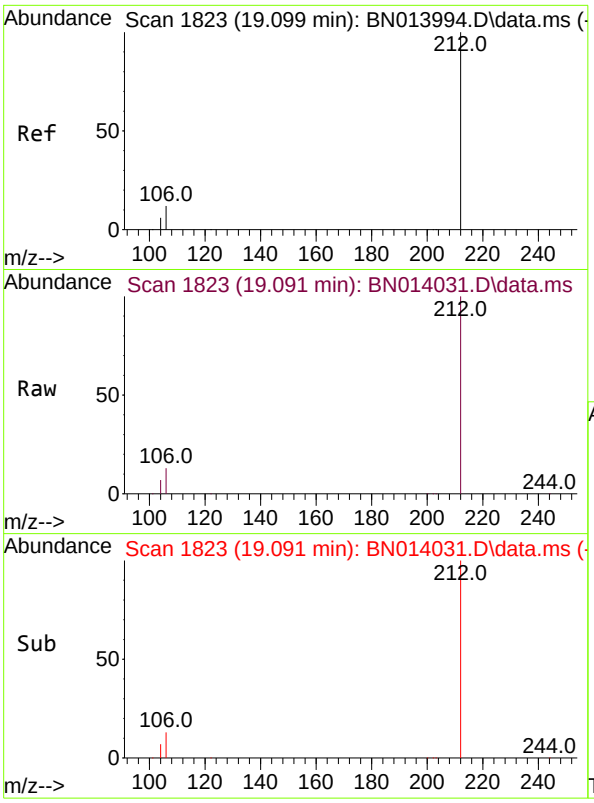
#26
Anthracene
Concen: 0.42 ng
RT: 17.189 min Scan# 1537
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:178 Resp: 21381

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.2	18.2



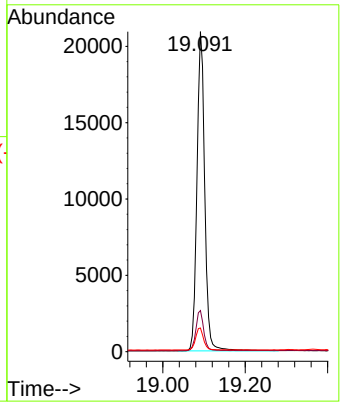
Instrument :
BNA_N
ClientSampleId :
PB135259BS

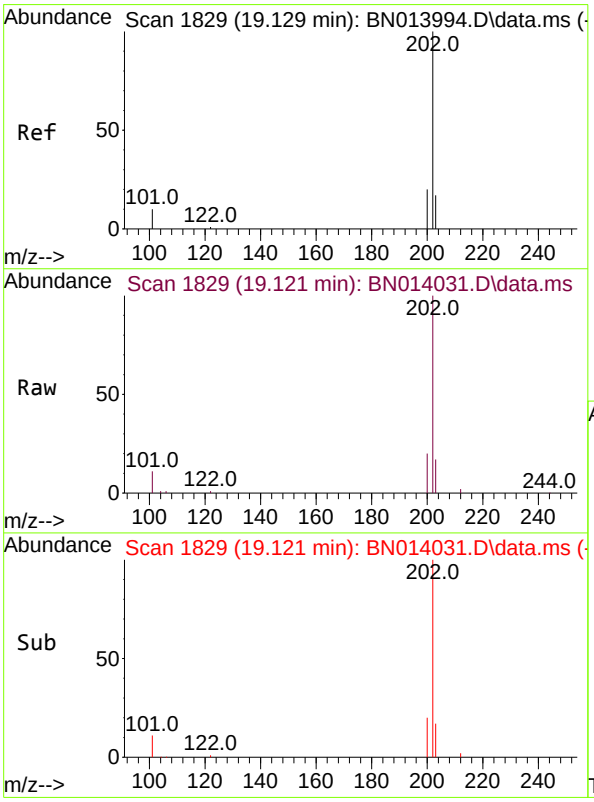


#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.091 min Scan# 1823
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:212 Resp: 27475

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.7	14.5
104	7.0	5.5	8.3

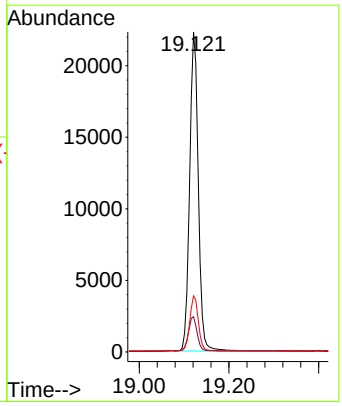




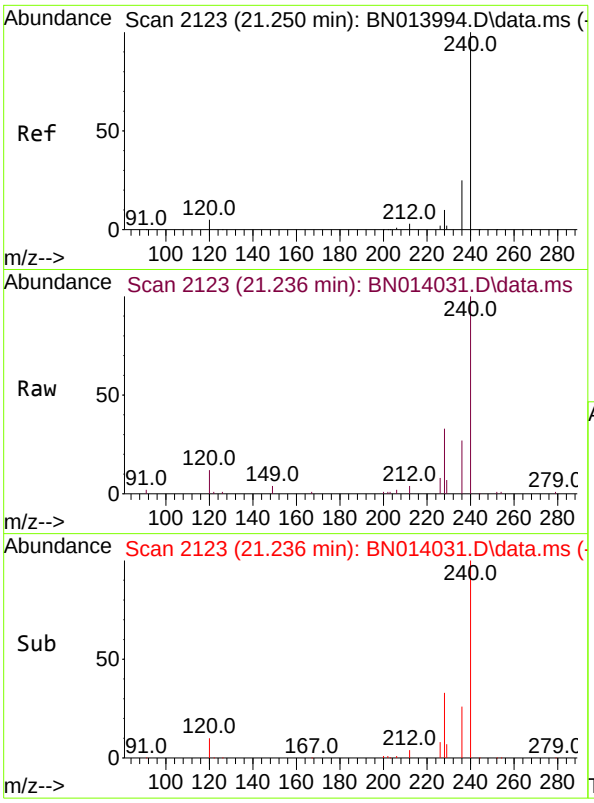
#28
Fluoranthene
Concen: 0.44 ng
RT: 19.121 min Scan# 1829
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:202 Resp: 29805

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.1	12.1
203	17.1	13.9	20.9



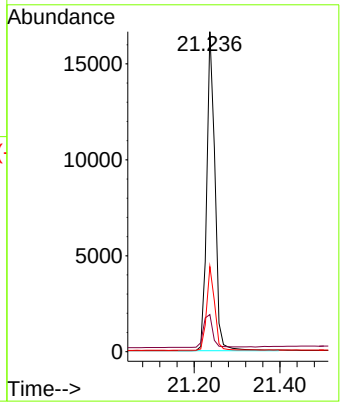
Instrument :
BNA_N
ClientSampleId :
PB135259BS

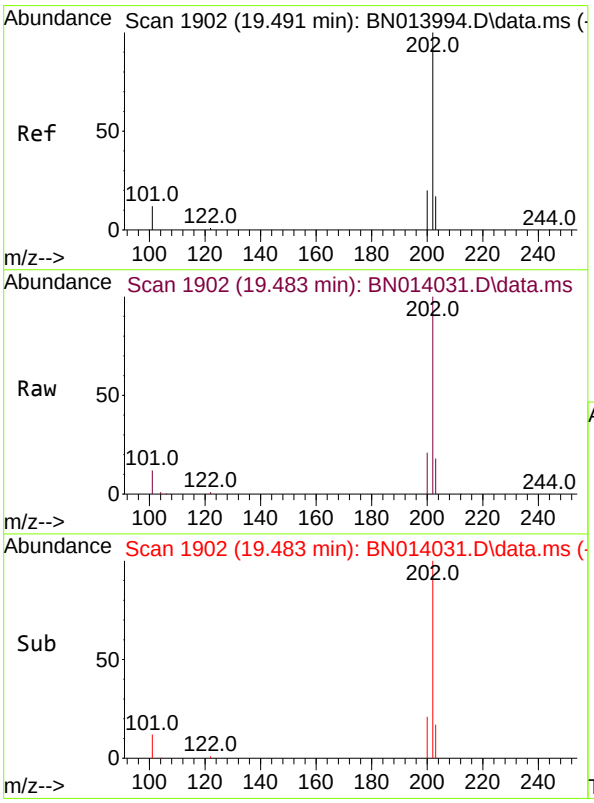


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.236 min Scan# 2123
Delta R.T. -0.014 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:240 Resp: 22086

Ion	Ratio	Lower	Upper
240	100		
120	11.6	10.2	15.4
236	26.6	21.3	31.9

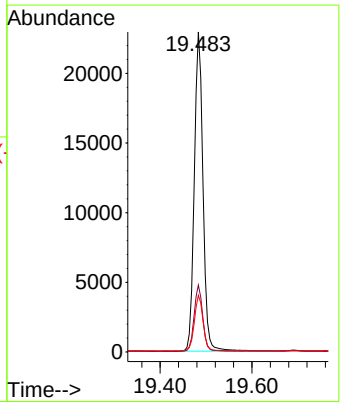




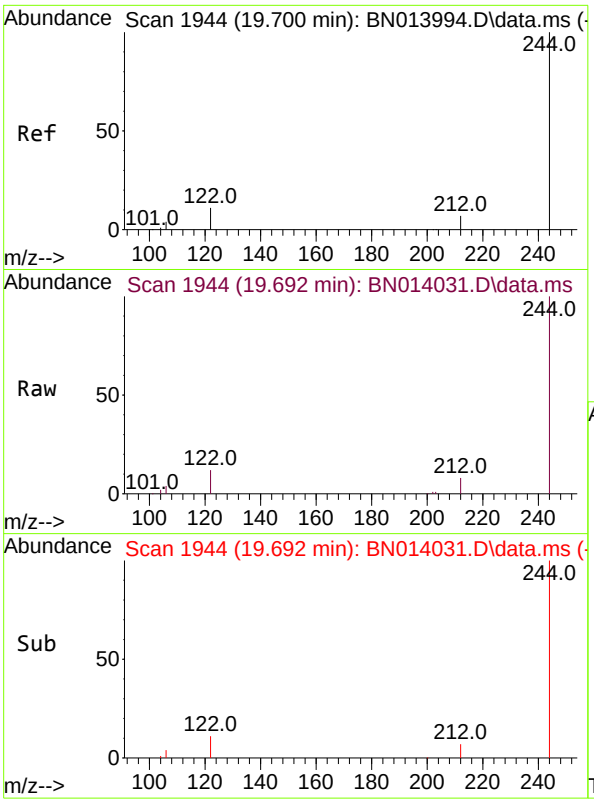
#30
Pyrene
Concen: 0.45 ng
RT: 19.483 min Scan# 1902
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:202 Resp: 30155

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



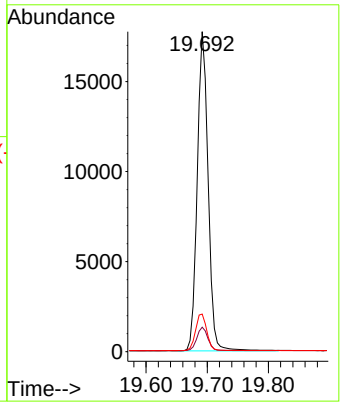
Instrument :
BNA_N
ClientSampleId :
PB135259BS

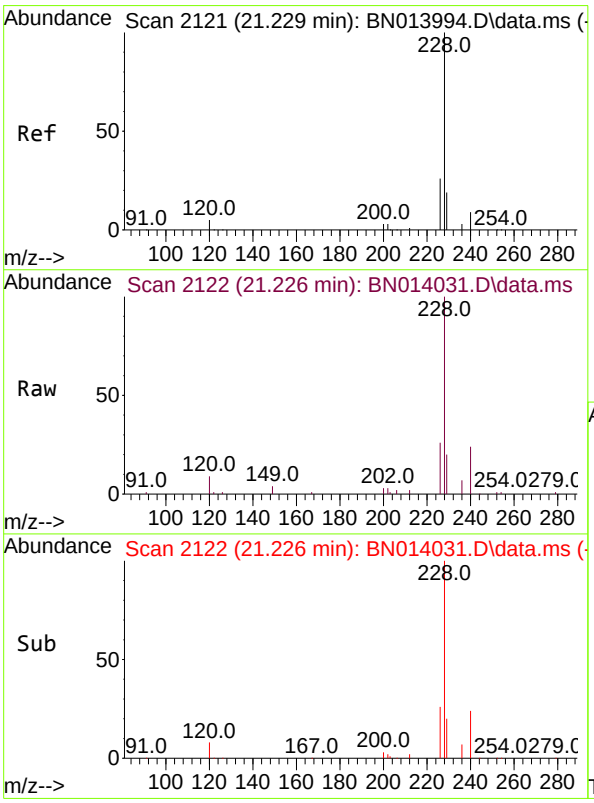


#31
Terphenyl-d14
Concen: 0.45 ng
RT: 19.692 min Scan# 1944
Delta R.T. -0.008 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:244 Resp: 21819

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	11.7	9.8	14.8

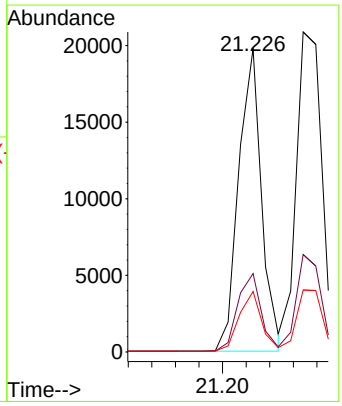




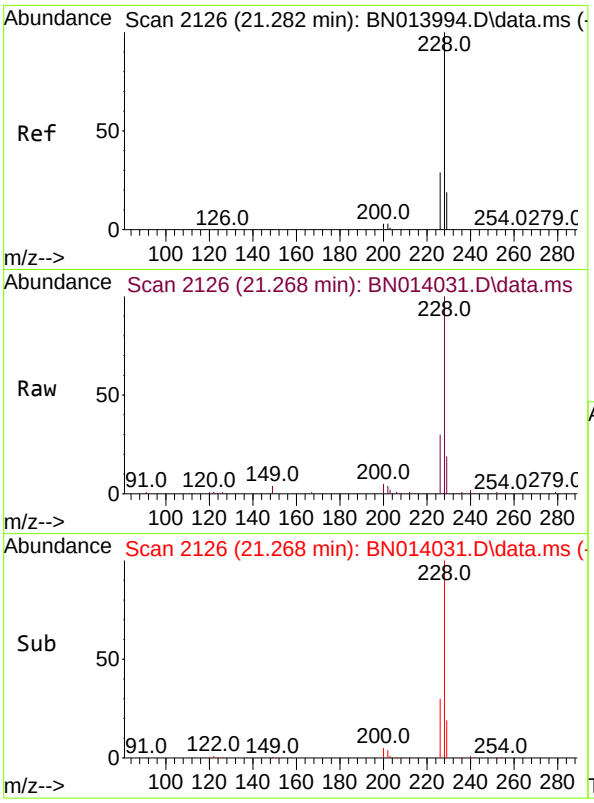
#32
Benzo(a)anthracene
Concen: 0.42 ng
RT: 21.226 min Scan# 2122
Delta R.T. -0.003 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:228 Resp: 26662

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.5	30.7
229	19.9	16.2	24.4



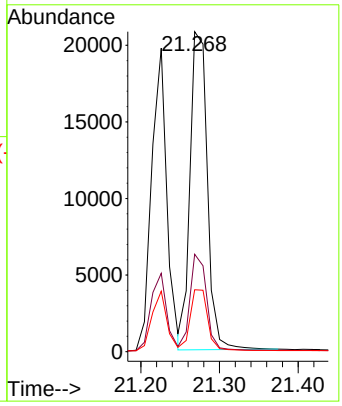
Instrument :
BNA_N
ClientSampleId :
PB135259BS

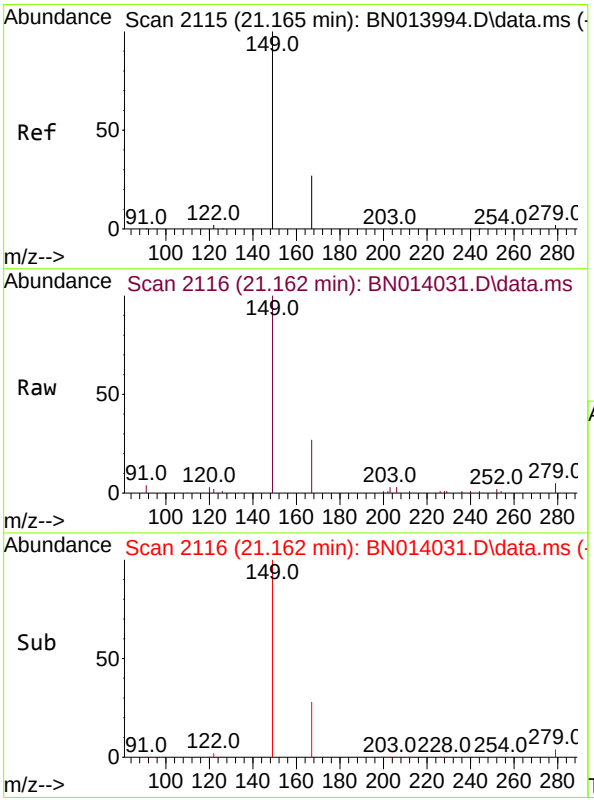


#33
Chrysene
Concen: 0.47 ng
RT: 21.268 min Scan# 2126
Delta R.T. -0.014 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:228 Resp: 31729

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.4	15.1	22.7

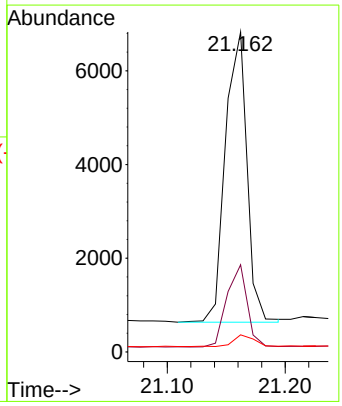




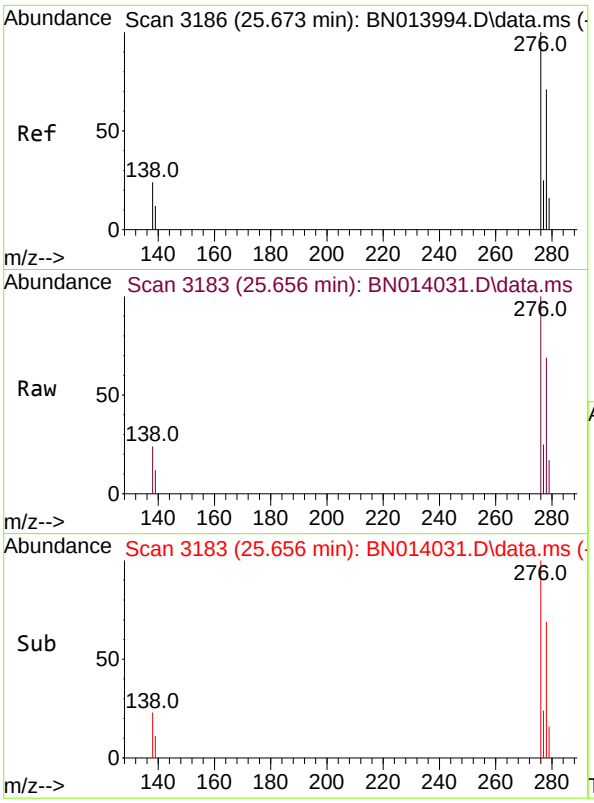
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.34 ng
RT: 21.162 min Scan# 2116
Delta R.T. -0.003 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:149 Resp: 7883

Ion	Ratio	Lower	Upper
149	100		
167	26.9	22.1	33.1
279	3.8	3.5	5.3



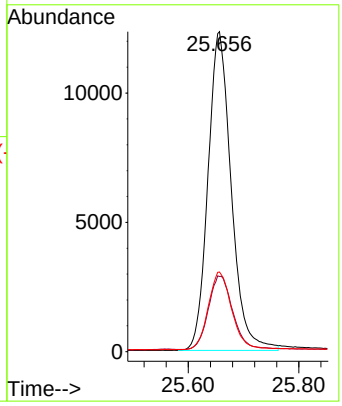
Instrument :
BNA_N
ClientSampleId :
PB135259BS

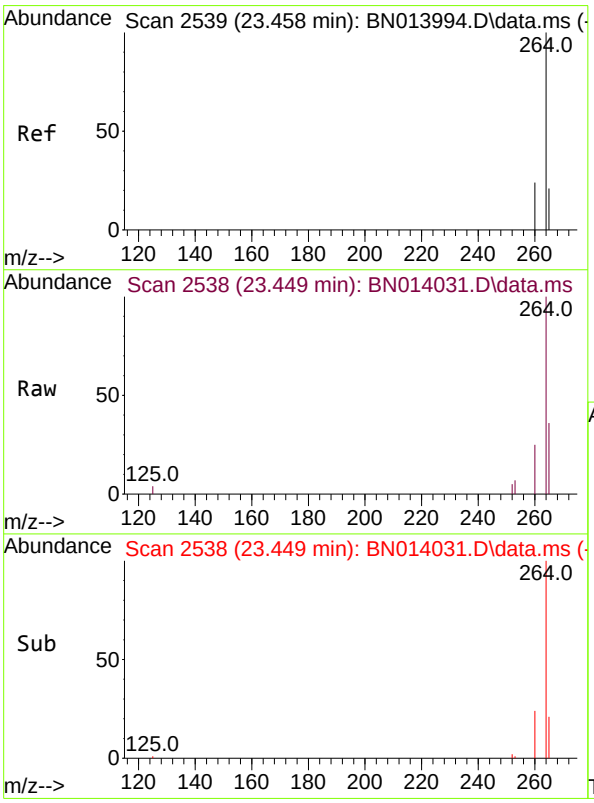


#35
Indeno(1,2,3-cd)pyrene
Concen: 0.49 ng
RT: 25.656 min Scan# 3183
Delta R.T. -0.017 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:276 Resp: 35990

Ion	Ratio	Lower	Upper
276	100		
138	24.2	19.8	29.6
277	24.7	19.9	29.9

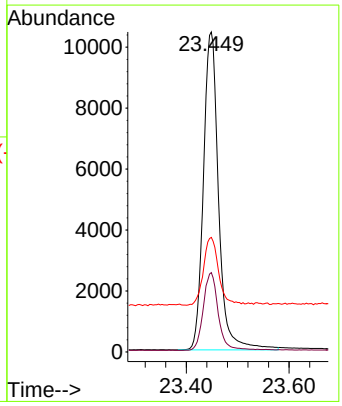




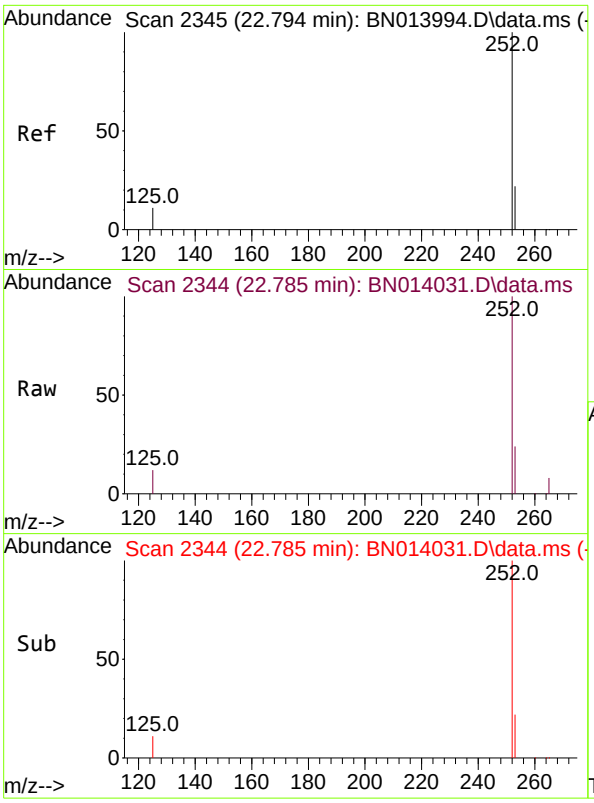
#36
Perylene-d12
Concen: 0.40 ng
RT: 23.449 min Scan# 2538
Delta R.T. -0.010 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:264 Resp: 21397

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	35.8	66.2	99.4#



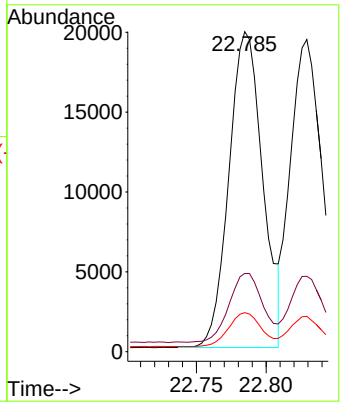
Instrument :
BNA_N
ClientSampleId :
PB135259BS

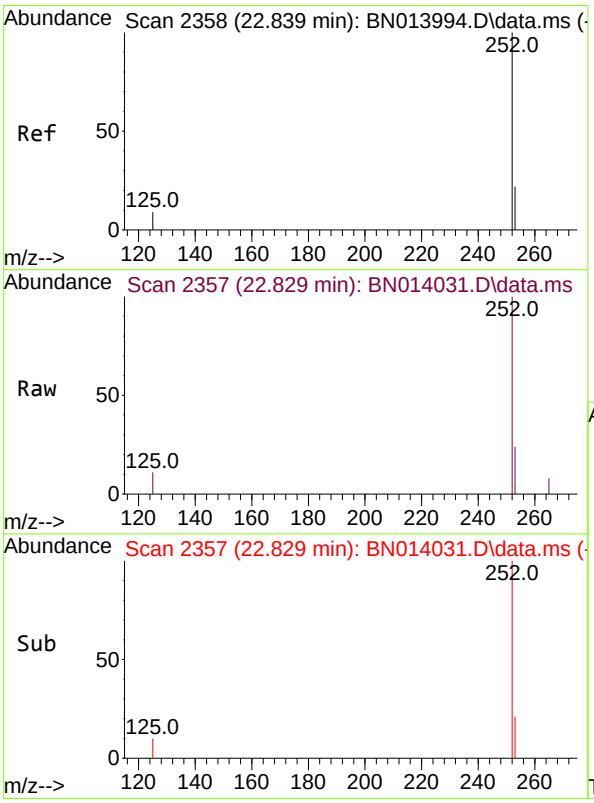


#37
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 22.785 min Scan# 2344
Delta R.T. -0.010 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:252 Resp: 33312

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

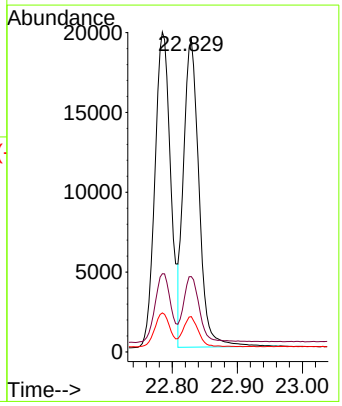




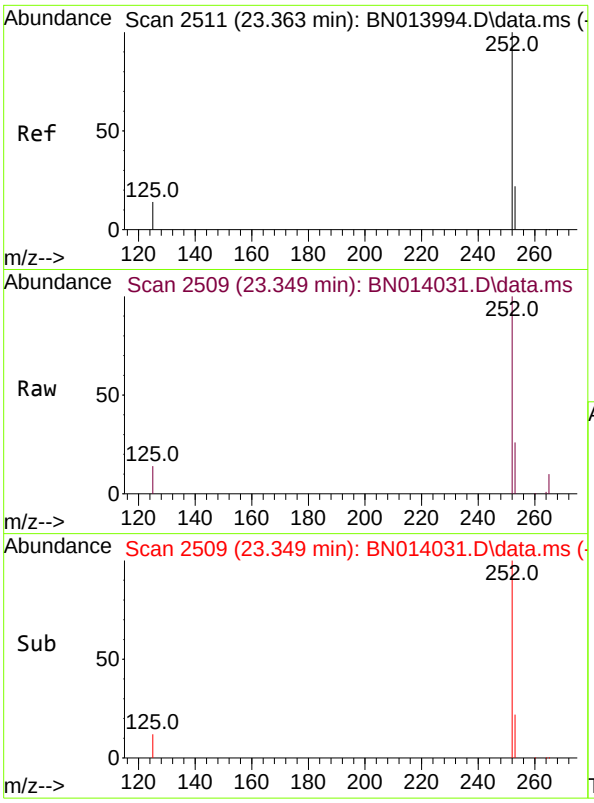
#38
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 22.829 min Scan# 2357
Delta R.T. -0.010 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:252 Resp: 31775

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.5	30.7
125	11.3	12.3	18.5#



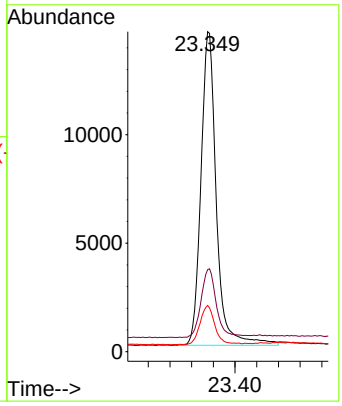
Instrument :
BNA_N
ClientSampleId :
PB135259BS

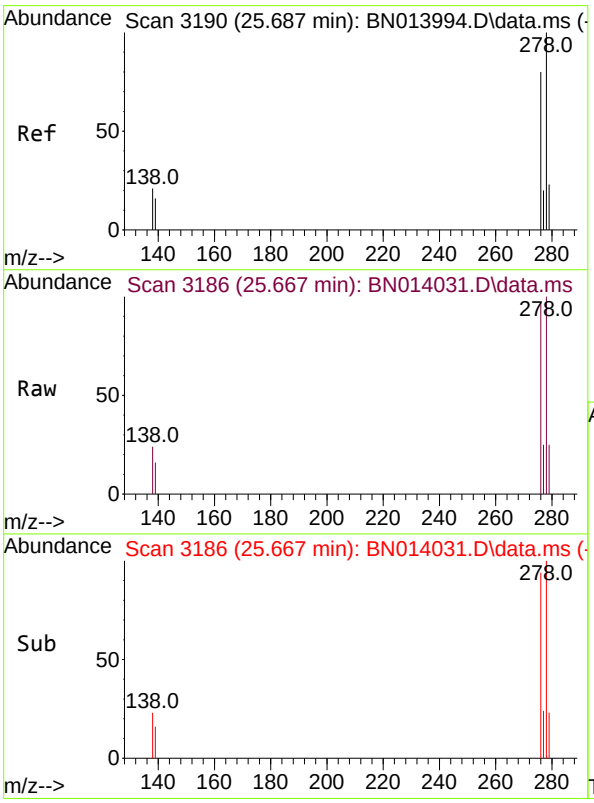


#39
Benzo(a)pyrene
Concen: 0.43 ng
RT: 23.349 min Scan# 2509
Delta R.T. -0.013 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:252 Resp: 28466

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.8	32.6
125	14.4	14.6	21.8#

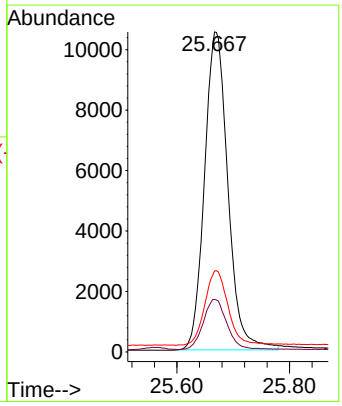


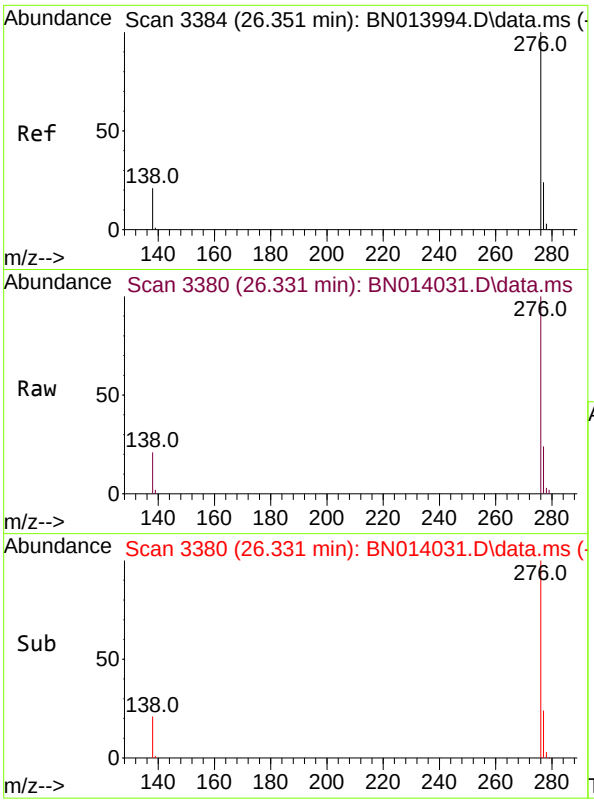


#40
Dibenzo(a,h)anthracene
Concen: 0.43 ng
RT: 25.667 min Scan# 3186
Delta R.T. -0.020 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:278 Resp: 30402

Ion	Ratio	Lower	Upper
278	100		
139	16.4	13.1	19.7
279	25.3	21.4	32.0

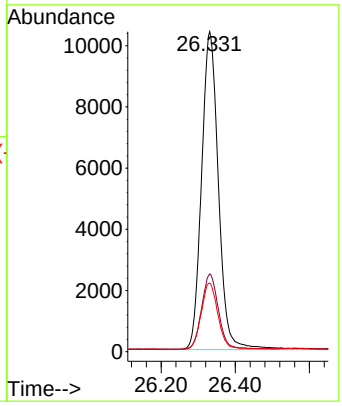




#41
Benzo(g,h,i)perylene
Concen: 0.44 ng
RT: 26.331 min Scan# 3380
Delta R.T. -0.020 min
Lab File: BN014031.D
Acq: 23 Mar 2021 03:16

Tgt Ion:276 Resp: 32824

Ion	Ratio	Lower	Upper
276	100		
277	24.3	20.0	30.0
138	21.4	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
PB135259BS