Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015573.D
Acq On : 15 Jul 2021 10:23
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Jul 15 12:20:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 12:19:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	13836	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	60787	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	30402	0.400	ng	-0.01
19) Phenanthrene-d10	17.176	188	55008	0.400	ng	# 0.00
29) Chrysene-d12	21.376	240	44820	0.400	ng	0.00
35) Perylene-d12	23.714	264	42562	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	4017	0.114	ng	0.00
5) Phenol-d6	6.969	99	4678	0.105	ng	0.00
8) Nitrobenzene-d5	8.949	82	3896	0.114	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	10492	0.104	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	819	0.101	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	12891	0.104	ng	0.00
27) Fluoranthene-d10	19.212	212	16425	0.101	ng	0.00
31) Terphenyl-d14	19.812	244	11190	0.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	1270	0.196	ng	# 1
3) n-Nitrosodimethylamine	3.714	42	1038	0.085	ng	# 79
6) bis(2-Chloroethyl)ether	7.237	93	4398	0.101	ng	# 85
9) Naphthalene	10.635	128	18909	0.108	ng	98
10) Hexachlorobutadiene	10.926	225	3384	0.103	ng	# 97
12) 2-Methylnaphthalene	12.252	142	11297	0.101	ng	# 90
16) Acenaphthylene	14.142	152	12506	0.093	ng	98
17) Acenaphthene	14.484	154	9521	0.101	ng	99
18) Fluorene	15.474	166	10924	0.095	ng	99
21) 4-Bromophenyl-phenylether	16.372	248	3371	0.097	ng	94
22) Hexachlorobenzene	16.482	284	4099	0.103	ng	# 92
23) Atrazine	16.640	200	1947	0.096	ng	97
24) Pentachlorophenol	16.835	266	266	0.045	ng	96
25) Phenanthrene	17.212	178	17948	0.101	ng	98
26) Anthracene	17.310	178	13521	0.089	ng	99
28) Fluoranthene	19.242	202	18055	0.095	ng	# 97
30) Pyrene	19.604	202	18114	0.106	ng	99
32) Benzo(a)anthracene	21.355	228	14184	0.092	ng	98
33) Chrysene	21.408	228	17686	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	5653	0.112	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.120	276	12375	0.081	ng	# 82
37) Benzo(b)fluoranthene	23.005	252	16314	0.098	ng	# 92
38) Benzo(k)fluoranthene	23.050	252	17099	0.096	ng	# 96
39) Benzo(a)pyrene	23.614	252	13470	0.088	ng	# 81
40) Dibenzo(a,h)anthracene	26.144	278	9365	0.078	ng	# 92
41) Benzo(g,h,i)perylene	26.859	276	10368	0.079	ng	# 89

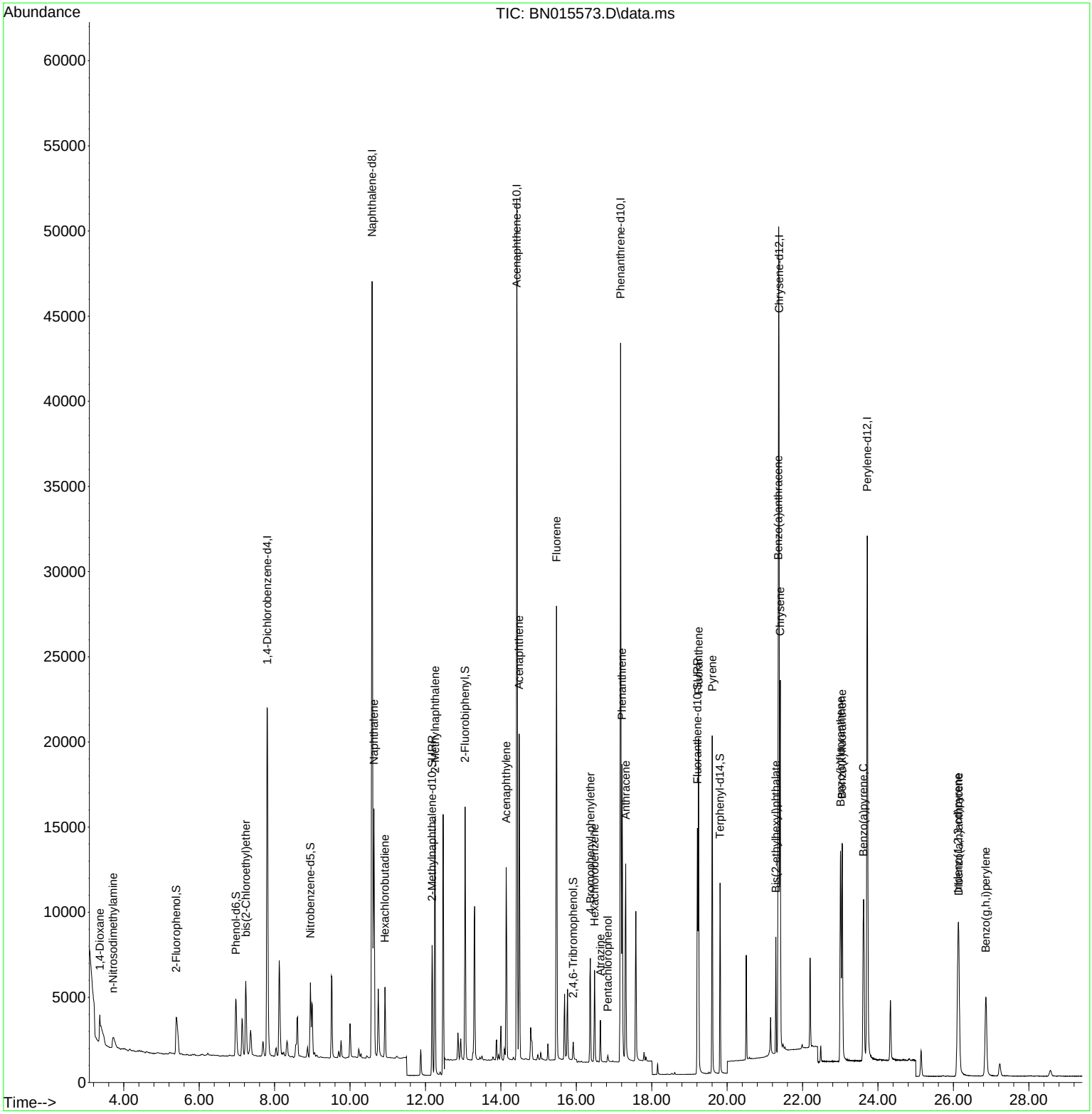
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

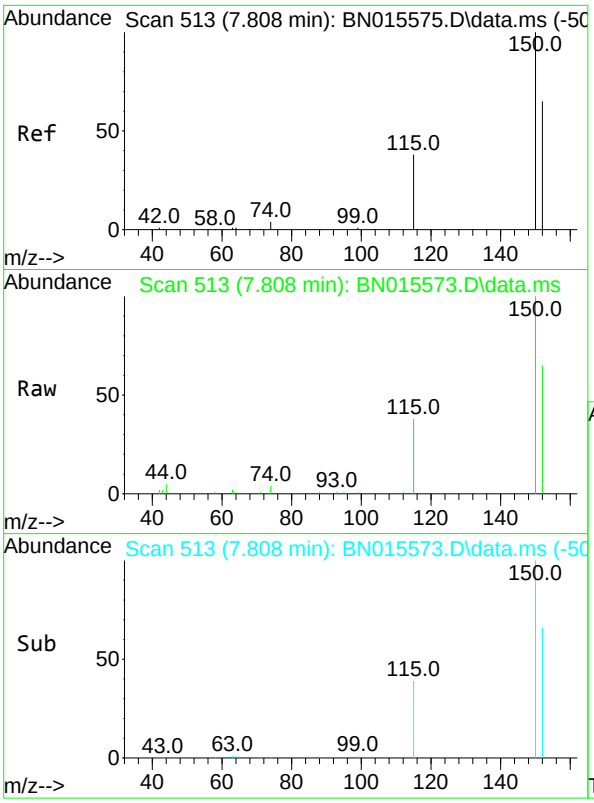
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015573.D
Acq On : 15 Jul 2021 10:23
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Jul 15 12:20:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 12:19:46 2021
Response via : Initial Calibration



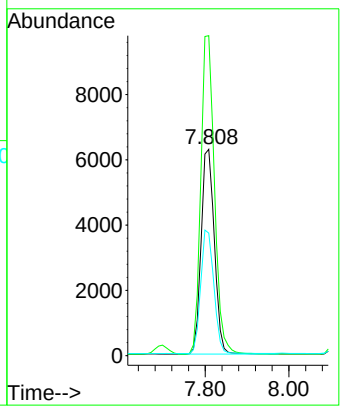
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

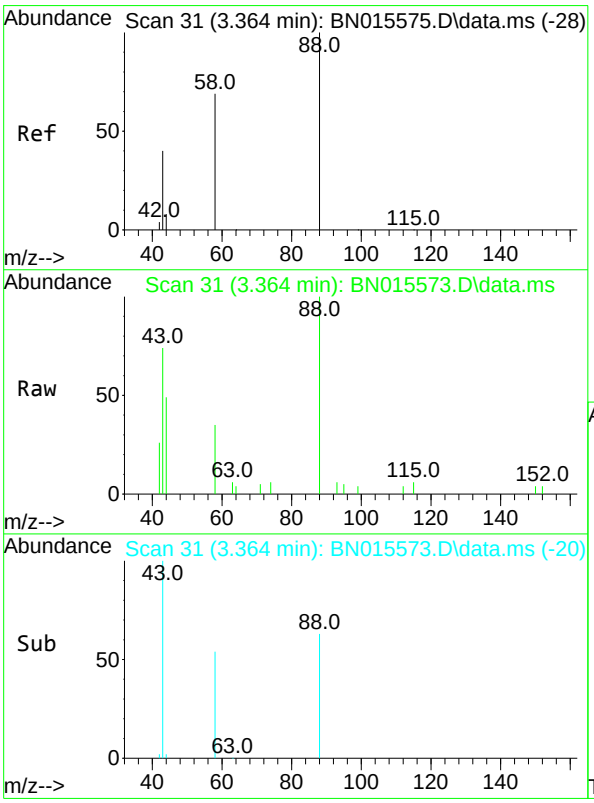


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.808 min Scan# 513
Delta R.T. 0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:152 Resp: 13836

Ion	Ratio	Lower	Upper
152	100		
150	155.0	119.0	178.6
115	59.4	62.2	93.4#

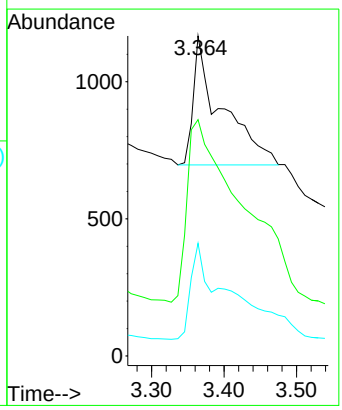




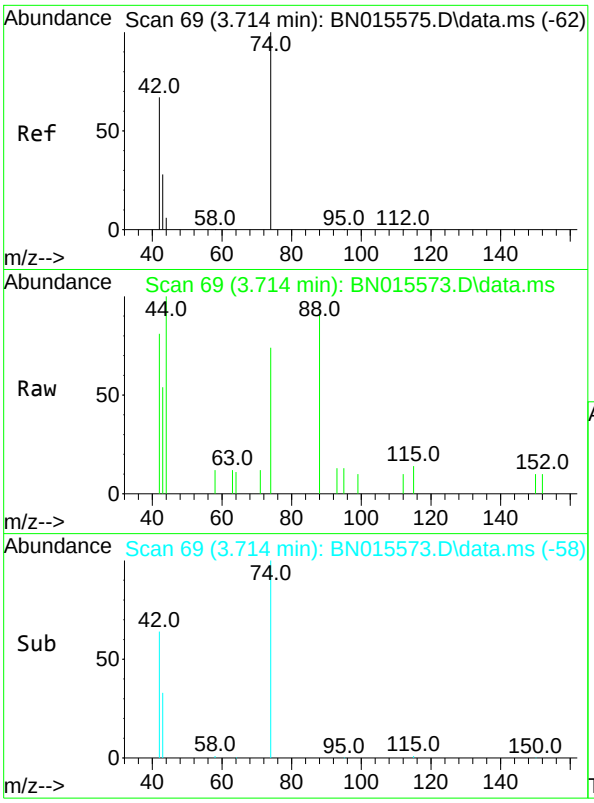
#2
1,4-Dioxane
Concen: 0.196 ng
RT: 3.364 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion: 88 Resp: 1270

Ion	Ratio	Lower	Upper
88	100		
43	267.3	12.9	19.3#
58	102.8	38.1	57.1#



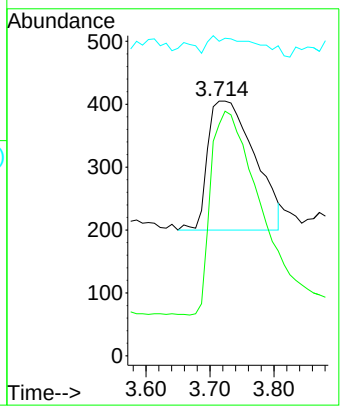
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

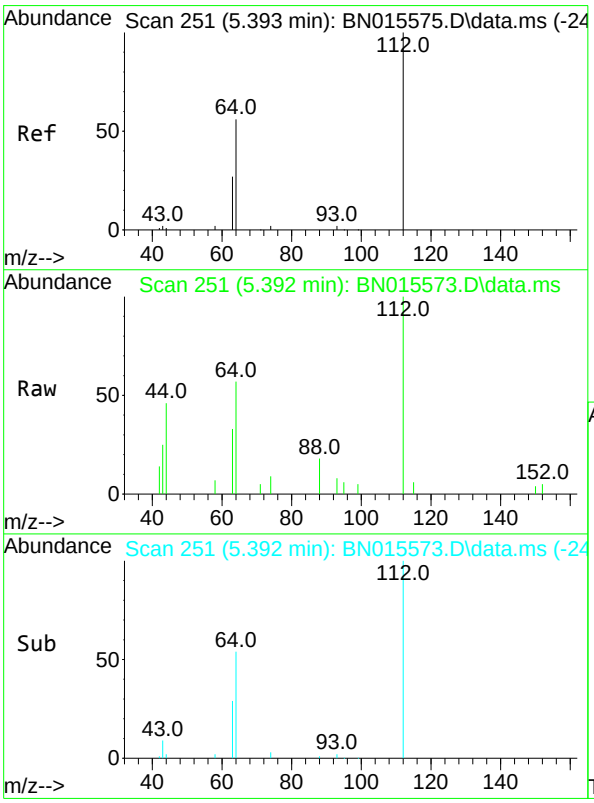


#3
n-Nitrosodimethylamine
Concen: 0.085 ng
RT: 3.714 min Scan# 69
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion: 42 Resp: 1038

Ion	Ratio	Lower	Upper
42	100		
74	155.7	149.5	224.3
44	11.6	4.2	6.2#

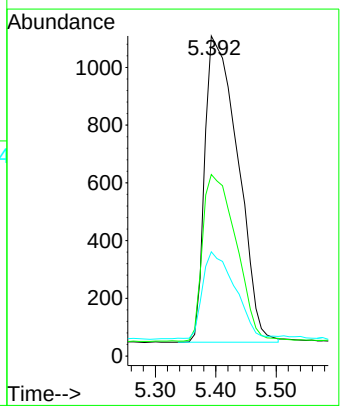




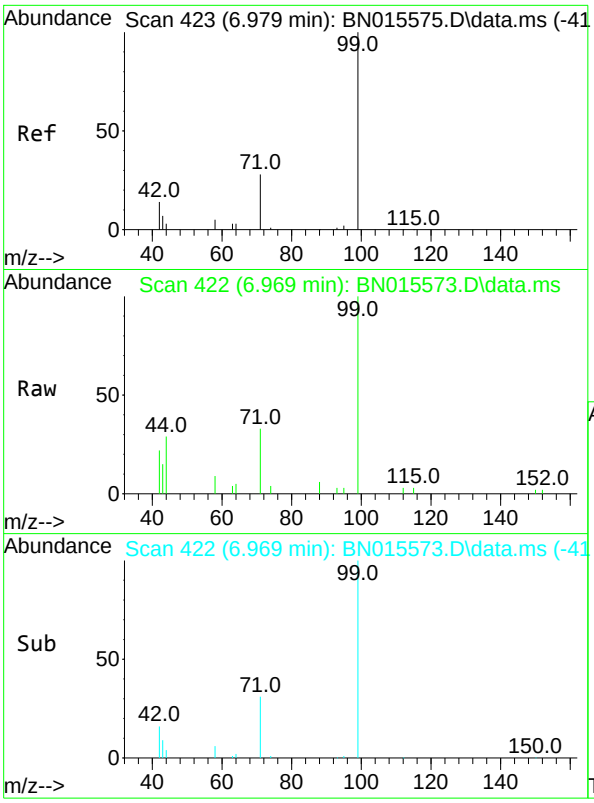
#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.392 min Scan# 251
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:112 Resp: 4017

Ion	Ratio	Lower	Upper
112	100		
64	55.2	39.0	58.6
63	27.7	20.6	30.8



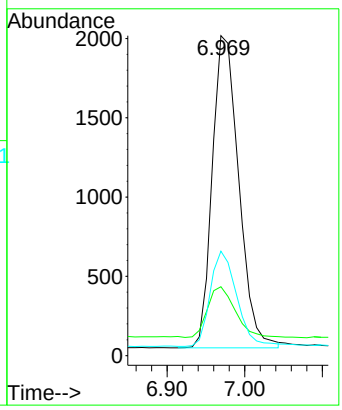
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

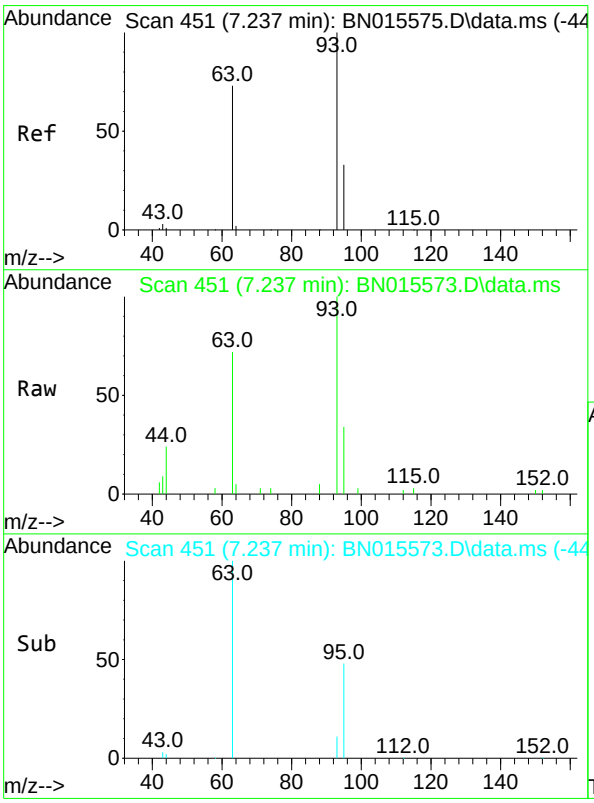


#5
Phenol-d6
Concen: 0.105 ng
RT: 6.969 min Scan# 422
Delta R.T. -0.009 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion: 99 Resp: 4678

Ion	Ratio	Lower	Upper
99	100		
42	16.8	8.9	13.3#
71	30.4	35.6	53.4#

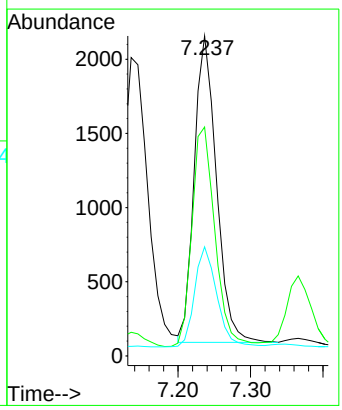




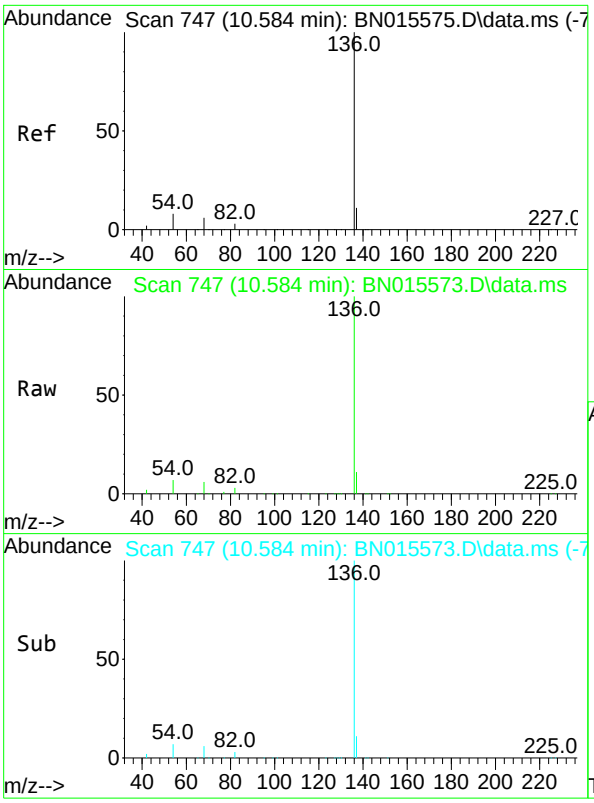
#6
bis(2-Chloroethyl)ether
Concen: 0.101 ng
RT: 7.237 min Scan# 451
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion: 93 Resp: 4398

Ion	Ratio	Lower	Upper
93	100		
63	74.5	46.6	70.0#
95	32.7	28.6	42.8



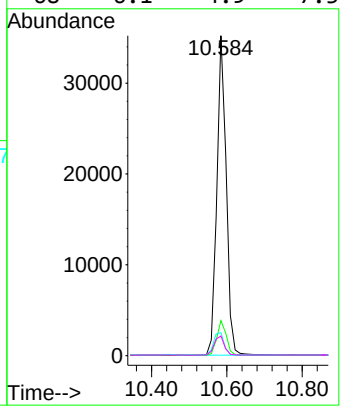
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

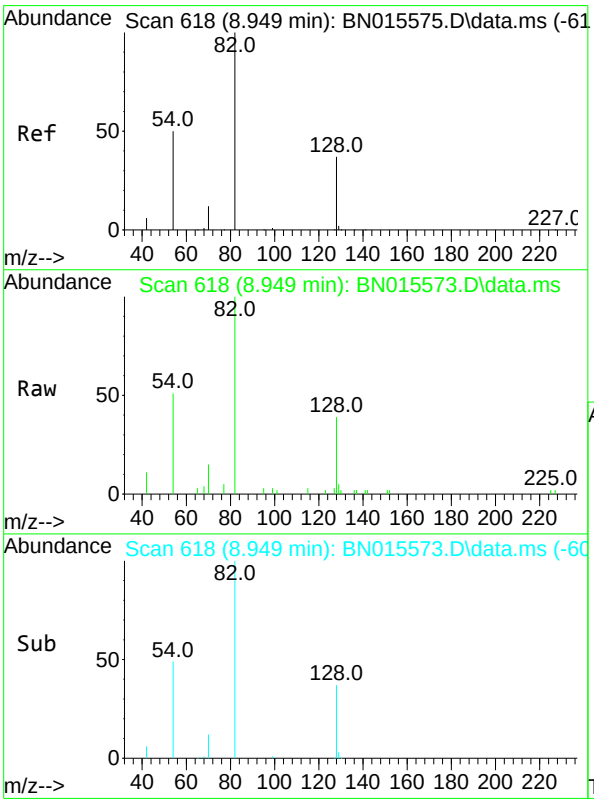


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:136 Resp: 60787

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.8	14.8
54	7.2	5.4	8.2
68	6.1	4.9	7.3

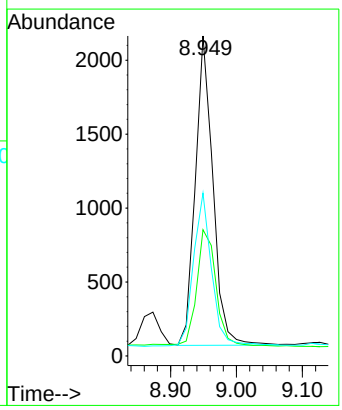




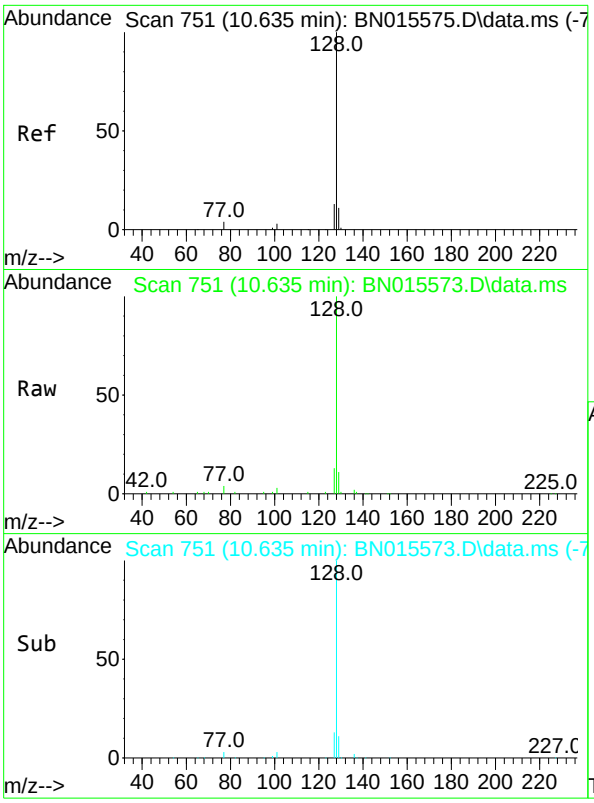
#8
Nitrobenzene-d5
Concen: 0.114 ng
RT: 8.949 min Scan# 618
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion: 82 Resp: 3896

Ion	Ratio	Lower	Upper
82	100		
128	39.5	31.6	47.4
54	50.9	29.0	43.4#



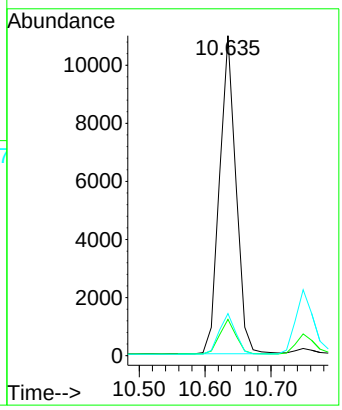
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

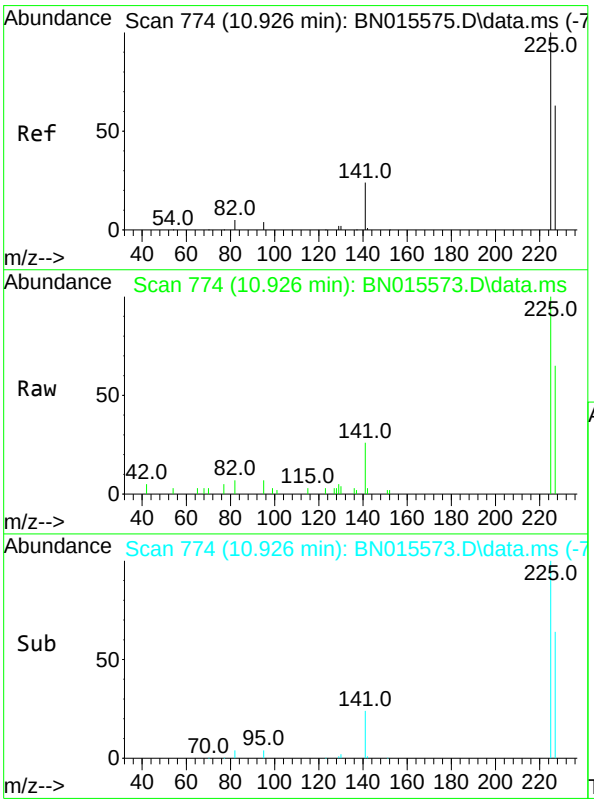


#9
Naphthalene
Concen: 0.108 ng
RT: 10.635 min Scan# 751
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:128 Resp: 18909

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	11.8	17.6

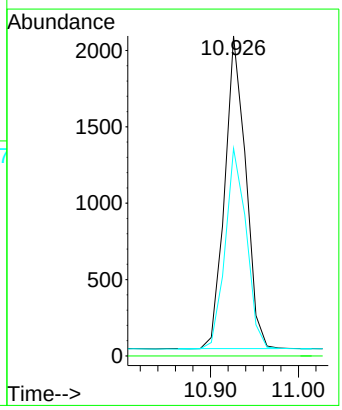




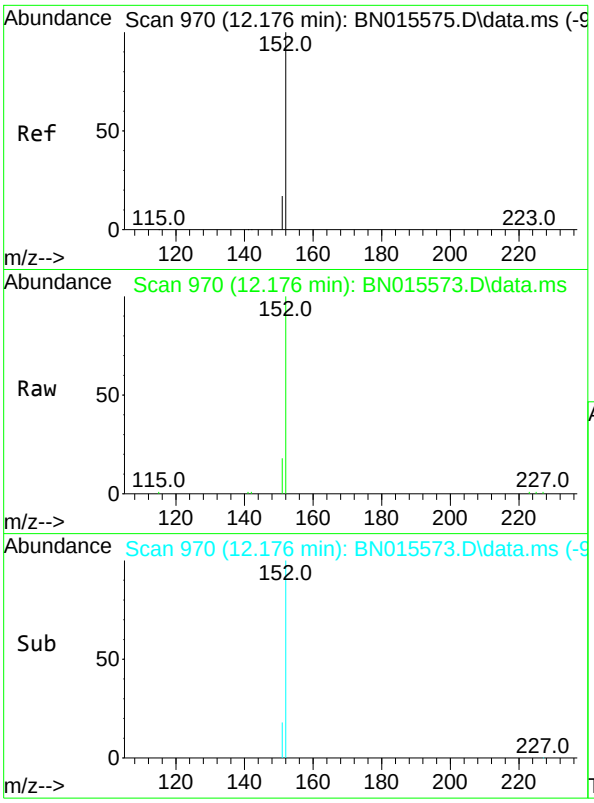
#10
Hexachlorobutadiene
Concen: 0.103 ng
RT: 10.926 min Scan# 774
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:225 Resp: 3384

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	65.0	50.2	75.2



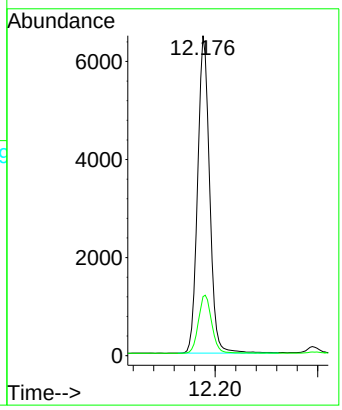
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

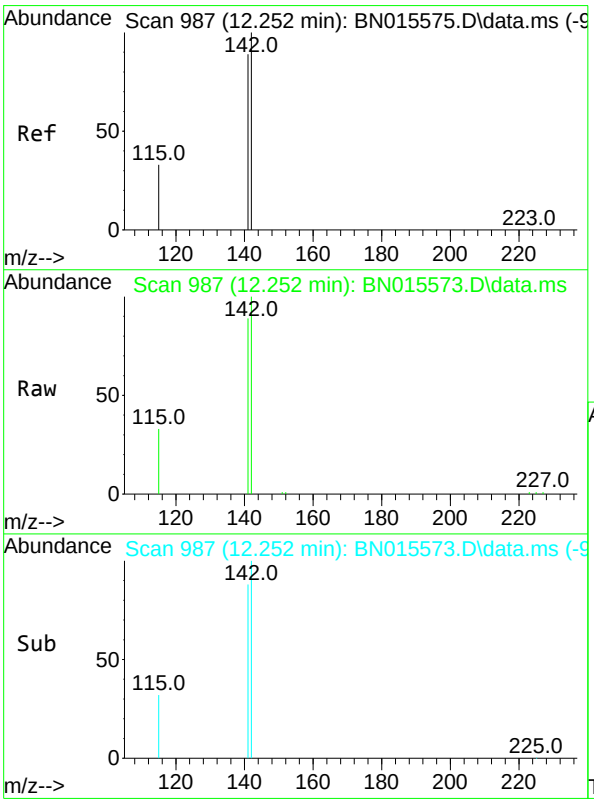


#11
2-Methylnaphthalene-d10
Concen: 0.104 ng
RT: 12.176 min Scan# 970
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:152 Resp: 10492

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.7	25.1

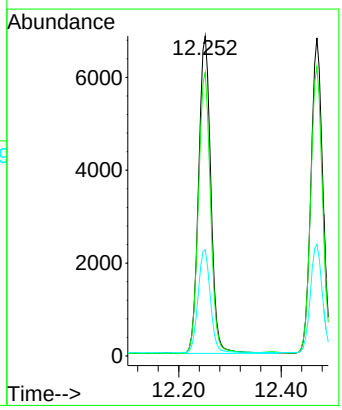




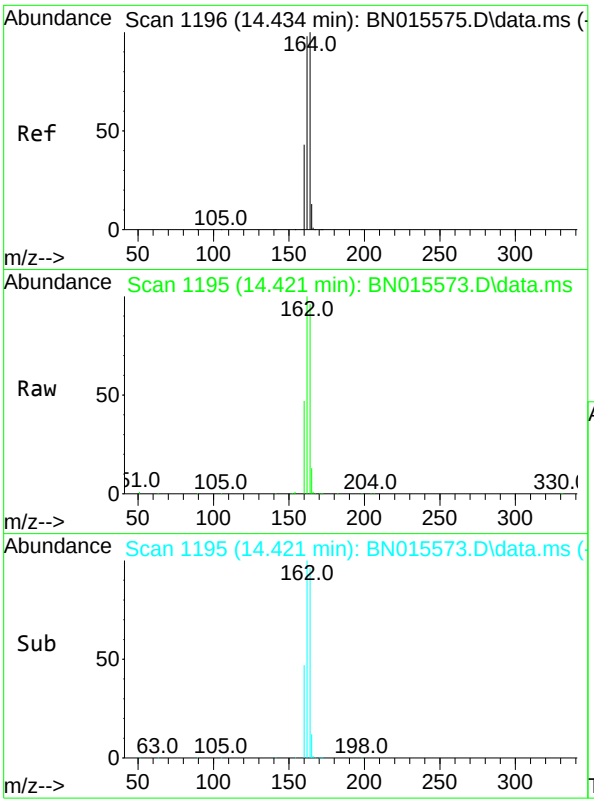
#12
2-Methylnaphthalene
Concen: 0.101 ng
RT: 12.252 min Scan# 987
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:142 Resp: 11297

Ion	Ratio	Lower	Upper
142	100		
141	88.6	72.3	108.5
115	33.2	40.7	61.1#



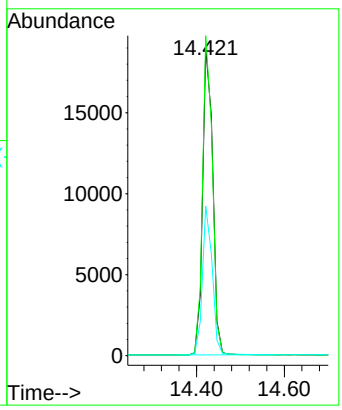
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

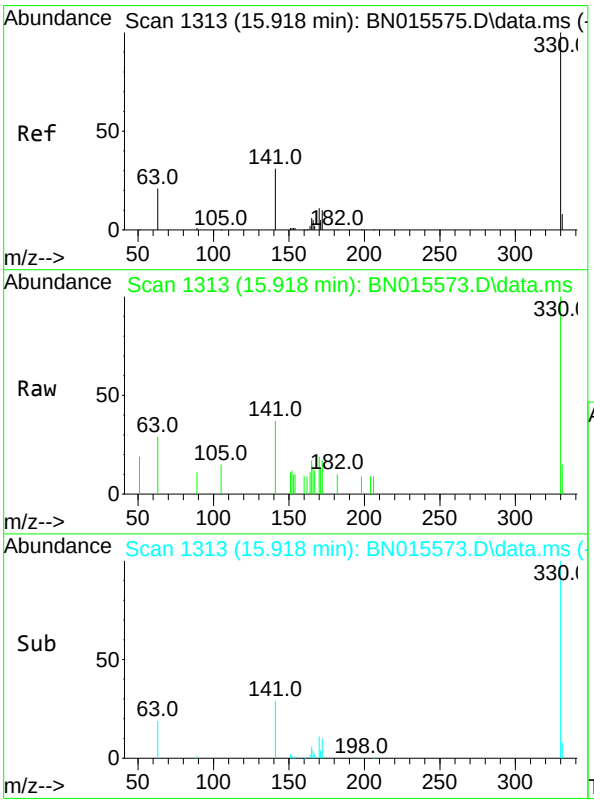


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.421 min Scan# 1195
Delta R.T. -0.013 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:164 Resp: 30402

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.8	125.6
160	48.6	37.4	56.0

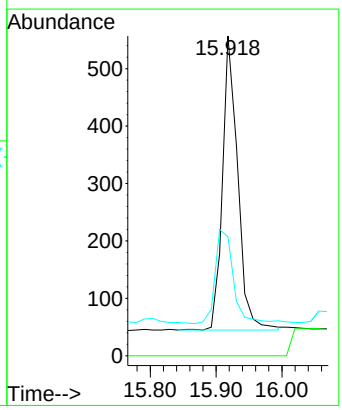




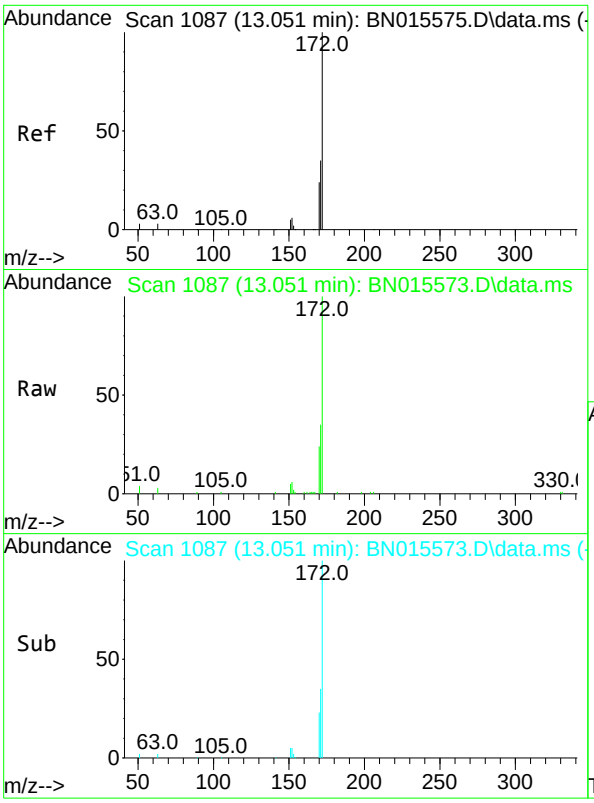
#14
2,4,6-Tribromophenol
Concen: 0.101 ng
RT: 15.918 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:330 Resp: 819

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.8	22.4	33.6#



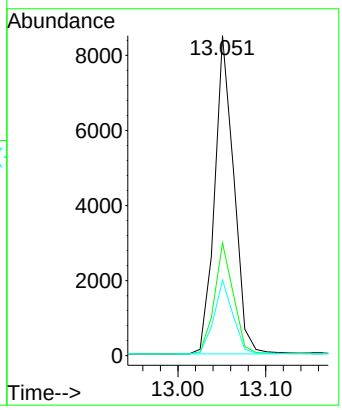
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

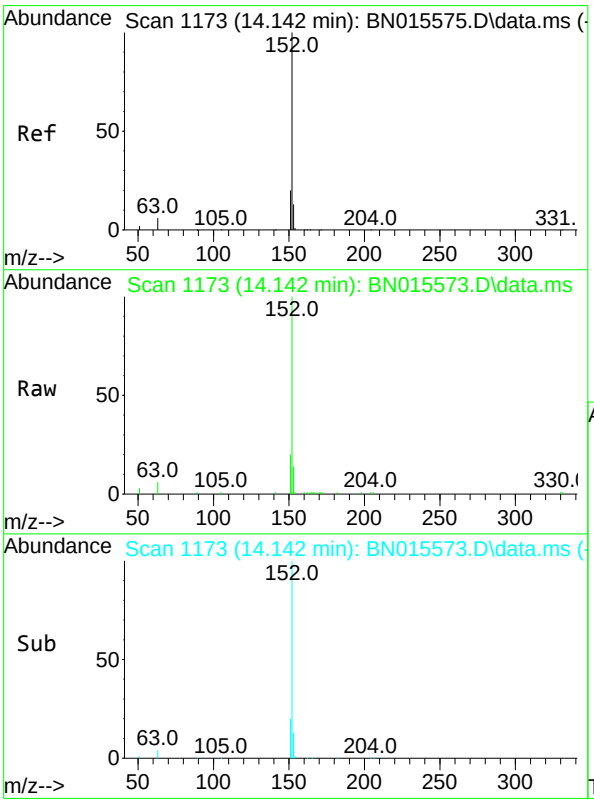


#15
2-Fluorobiphenyl
Concen: 0.104 ng
RT: 13.051 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:172 Resp: 12891

Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.6	45.8
170	23.6	20.2	30.4

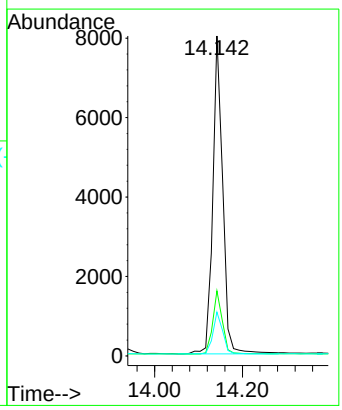




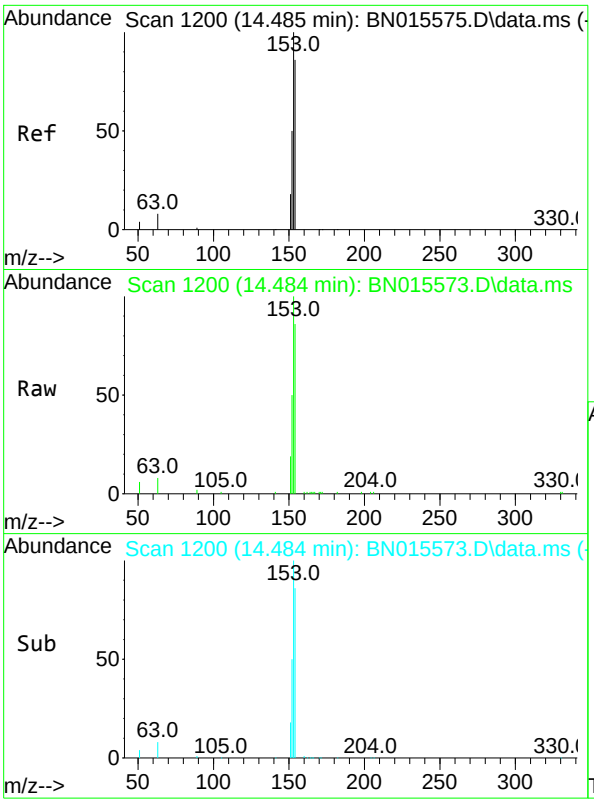
#16
Acenaphthylene
Concen: 0.093 ng
RT: 14.142 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:152 Resp: 12506

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1
153	13.3	10.5	15.7



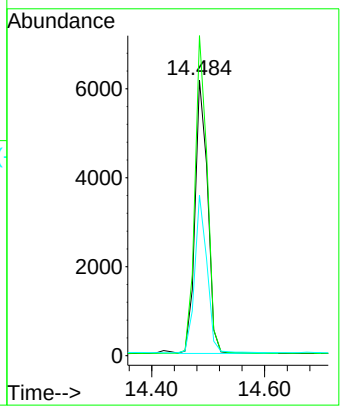
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

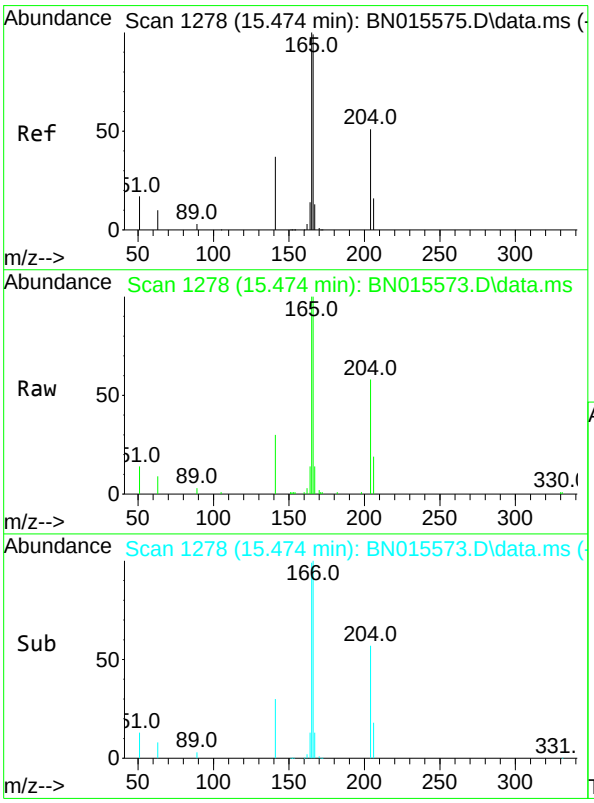


#17
Acenaphthene
Concen: 0.101 ng
RT: 14.484 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:154 Resp: 9521

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.9	136.3
152	56.1	45.8	68.8

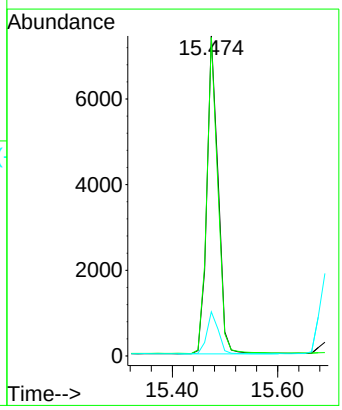




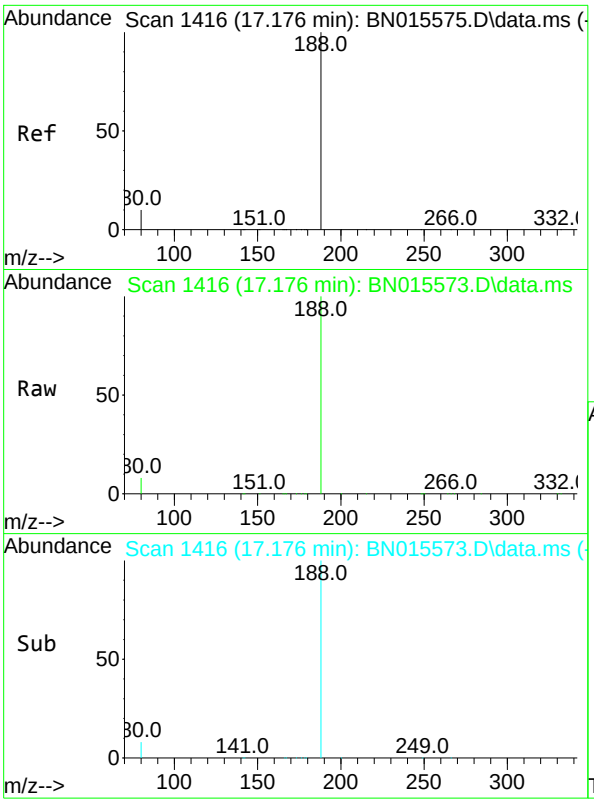
#18
Fluorene
Concen: 0.095 ng
RT: 15.474 min Scan# 1278
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:166 Resp: 10924

Ion	Ratio	Lower	Upper
166	100		
165	97.9	79.2	118.8
167	13.5	10.7	16.1



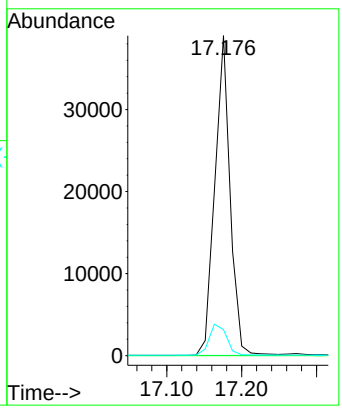
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

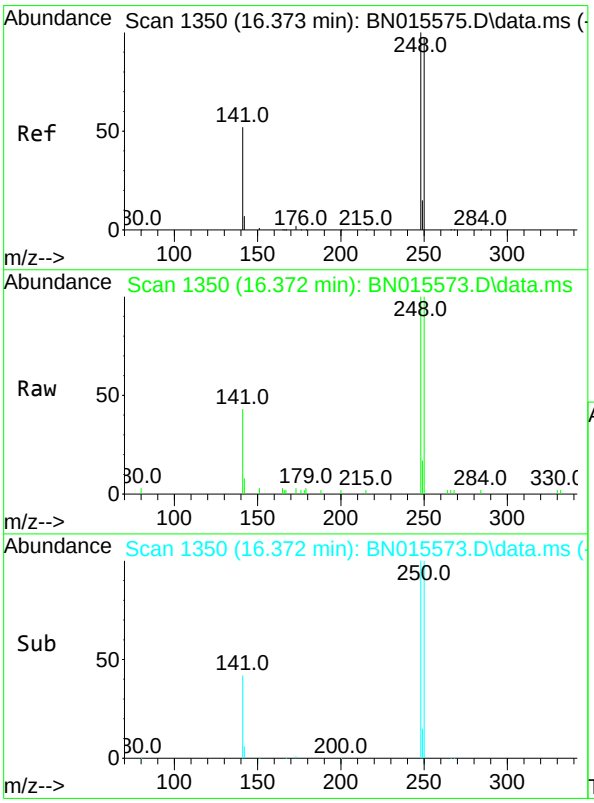


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.176 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:188 Resp: 55008

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	9.0	13.4#

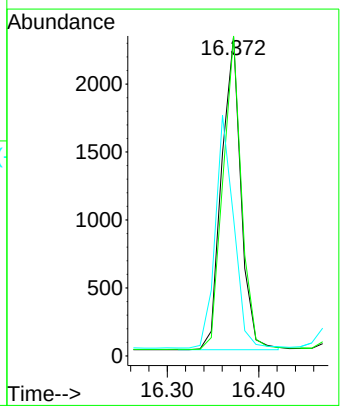




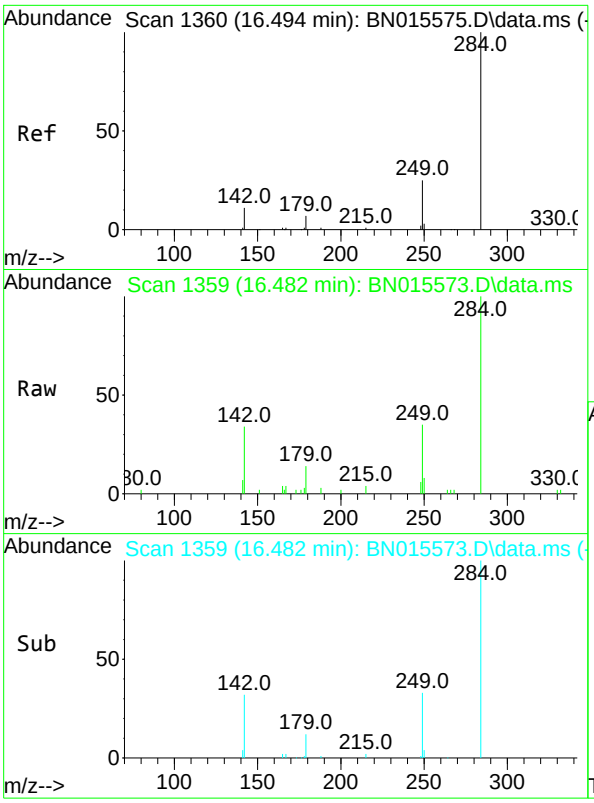
#21
4-Bromophenyl-phenylether
Concen: 0.097 ng
RT: 16.372 min Scan# 1350
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:248 Resp: 3371

Ion	Ratio	Lower	Upper
248	100		
250	100.2	86.2	129.4
141	43.2	36.2	54.2



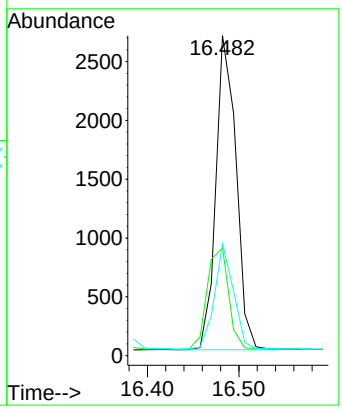
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

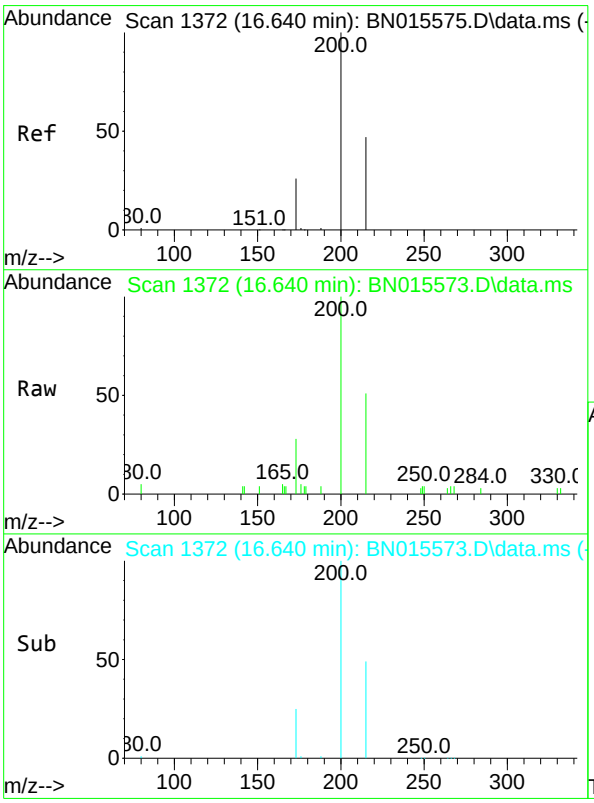


#22
Hexachlorobenzene
Concen: 0.103 ng
RT: 16.482 min Scan# 1359
Delta R.T. -0.012 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:284 Resp: 4099

Ion	Ratio	Lower	Upper
284	100		
142	34.6	22.2	33.2#
249	31.2	26.6	39.8

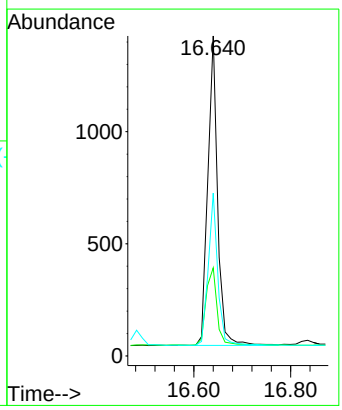




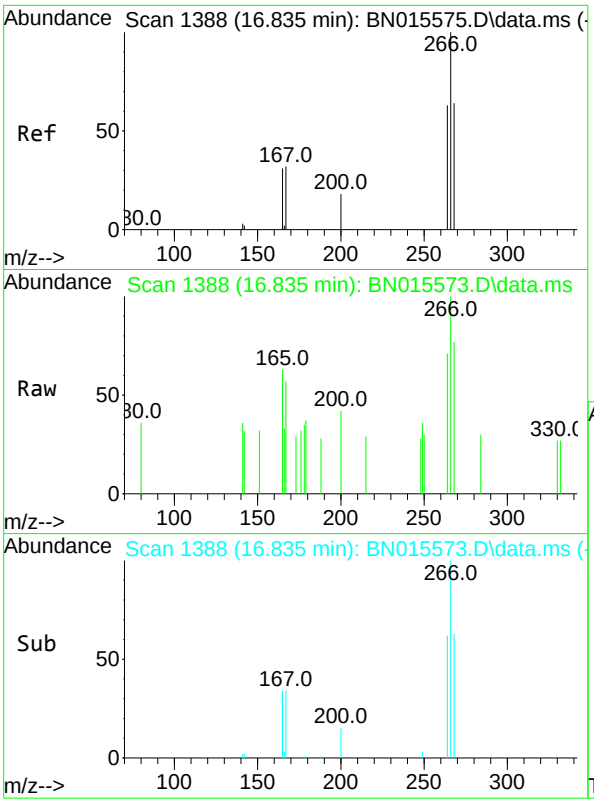
#23
Atrazine
Concen: 0.096 ng
RT: 16.640 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:200 Resp: 1947

Ion	Ratio	Lower	Upper
200	100		
173	27.5	21.7	32.5
215	50.9	43.1	64.7



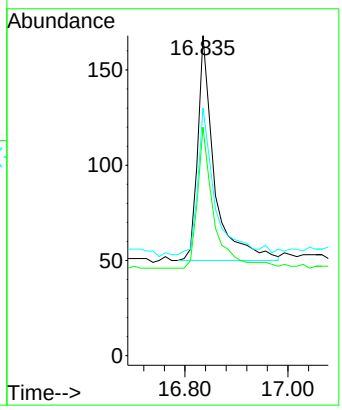
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

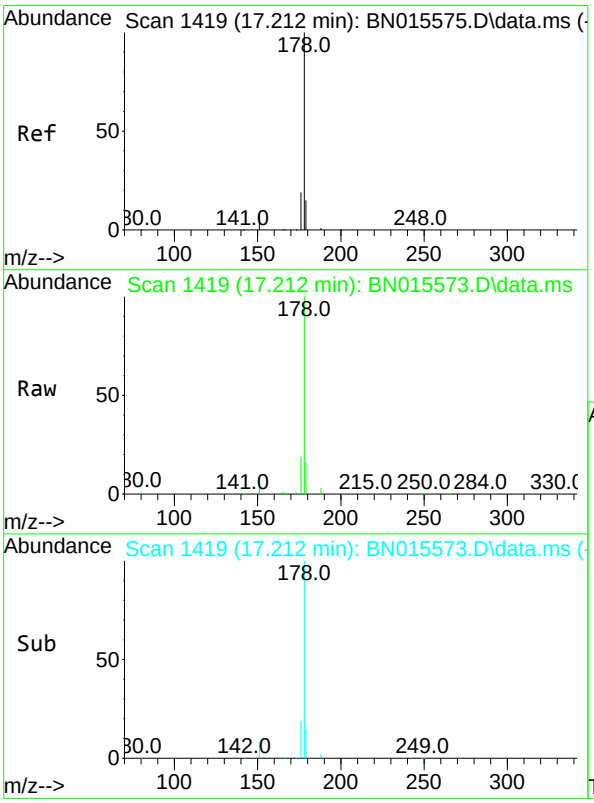


#24
Pentachlorophenol
Concen: 0.045 ng
RT: 16.835 min Scan# 1388
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:266 Resp: 266

Ion	Ratio	Lower	Upper
266	100		
264	61.7	51.0	76.4
268	66.9	50.6	76.0

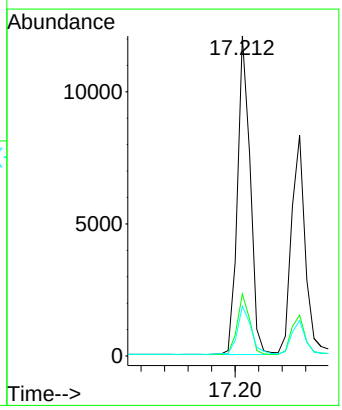




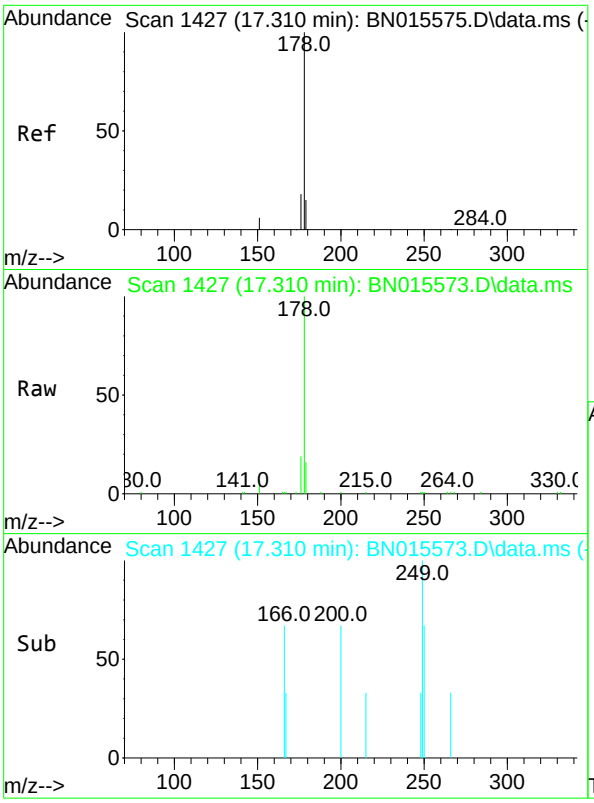
#25
Phenanthrene
Concen: 0.101 ng
RT: 17.212 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:178 Resp: 17948

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.6	12.1	18.1



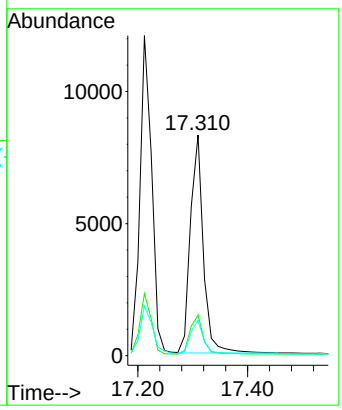
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

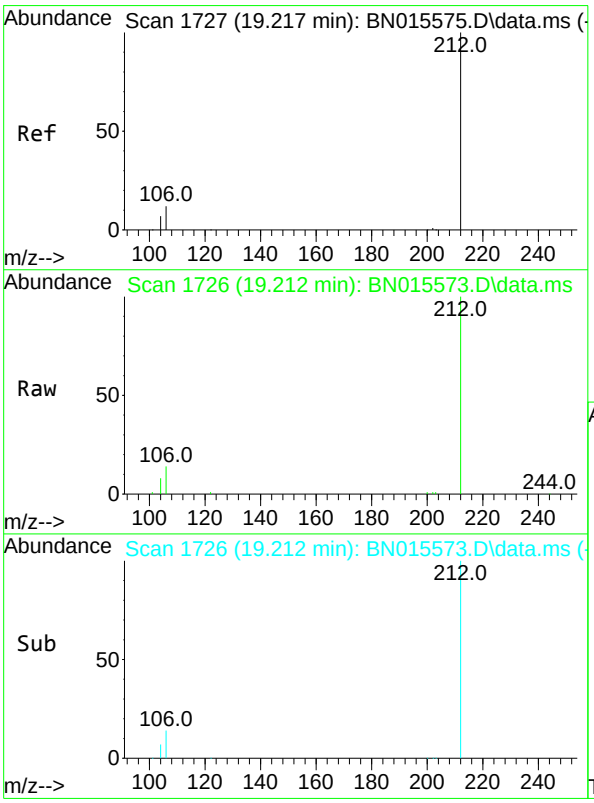


#26
Anthracene
Concen: 0.089 ng
RT: 17.310 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:178 Resp: 13521

Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.1	22.7
179	15.3	12.2	18.2

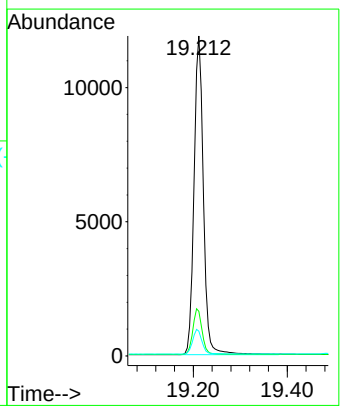




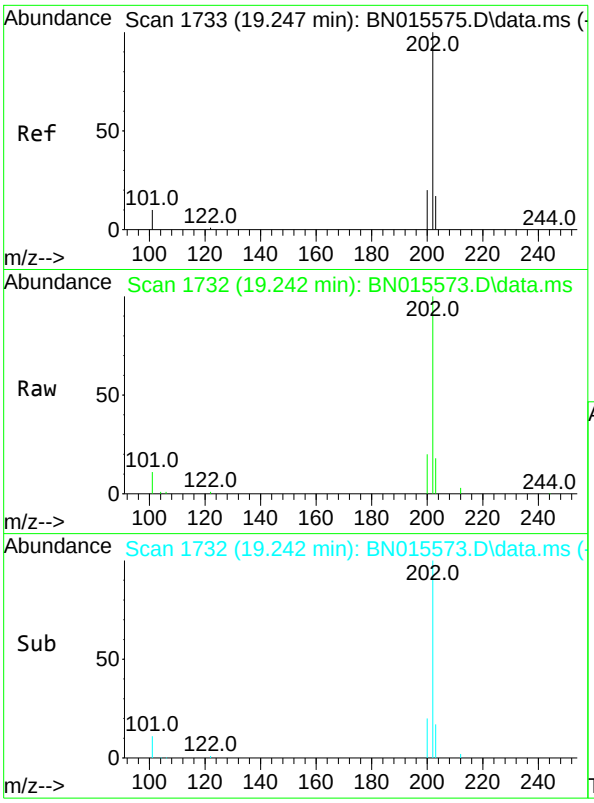
#27
Fluoranthene-d10
Concen: 0.101 ng
RT: 19.212 min Scan# 1726
Delta R.T. -0.005 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:212 Resp: 16425

Ion	Ratio	Lower	Upper
212	100		
106	14.3	7.0	10.6#
104	7.8	4.1	6.1#



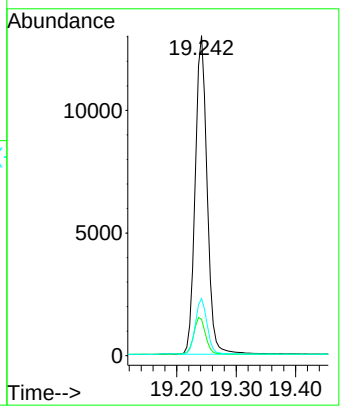
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

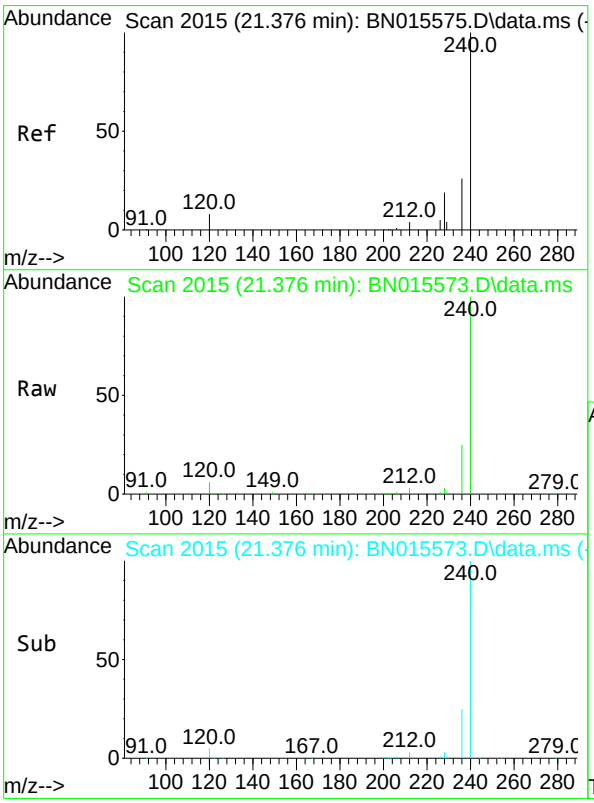


#28
Fluoranthene
Concen: 0.095 ng
RT: 19.242 min Scan# 1732
Delta R.T. -0.005 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:202 Resp: 18055

Ion	Ratio	Lower	Upper
202	100		
101	11.7	6.6	10.0#
203	17.3	13.9	20.9

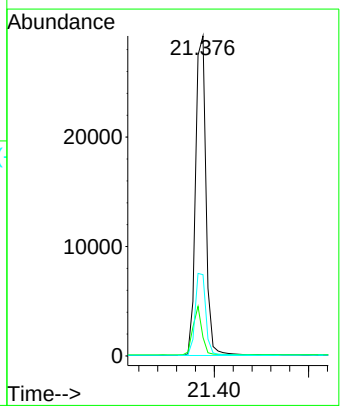




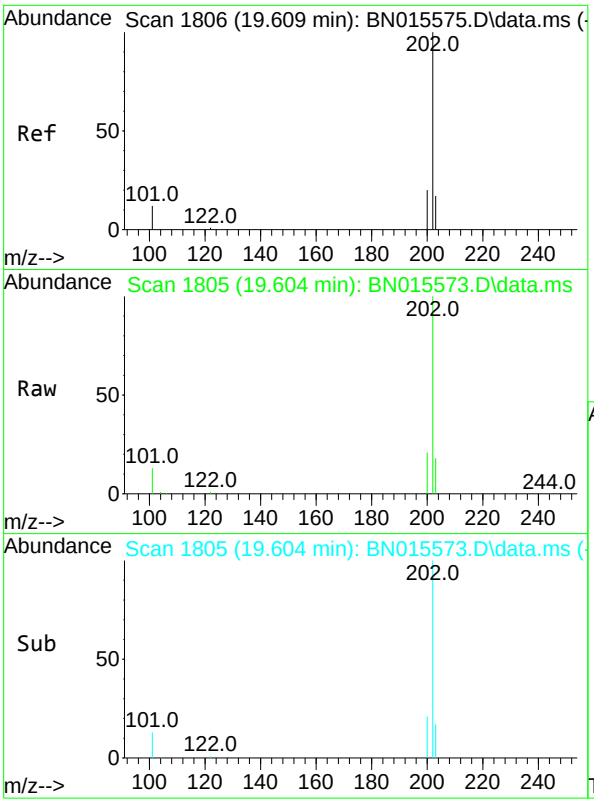
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:240 Resp: 44820

Ion	Ratio	Lower	Upper
240	100		
120	5.8	4.2	6.4
236	25.4	21.4	32.2



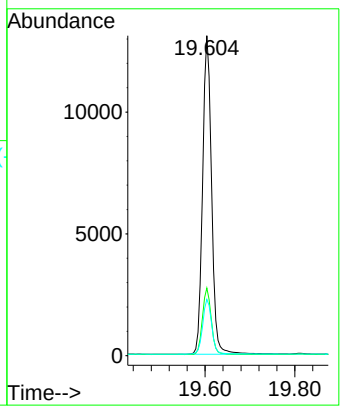
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

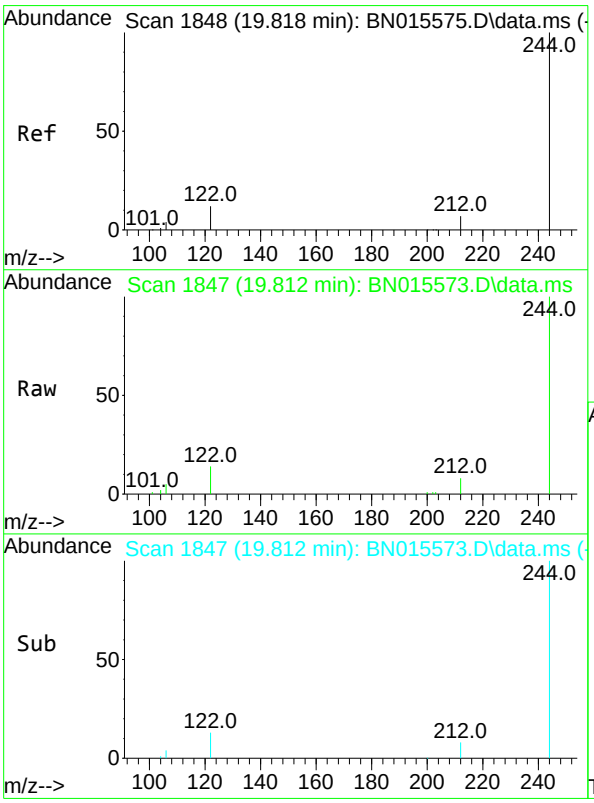


#30
Pyrene
Concen: 0.106 ng
RT: 19.604 min Scan# 1805
Delta R.T. -0.005 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:202 Resp: 18114

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	17.3	13.9	20.9

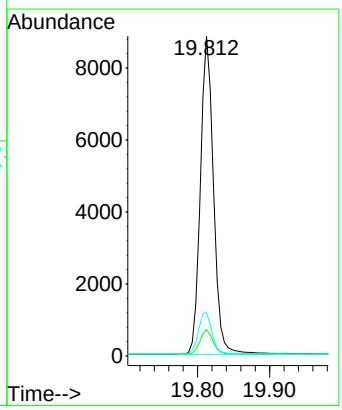




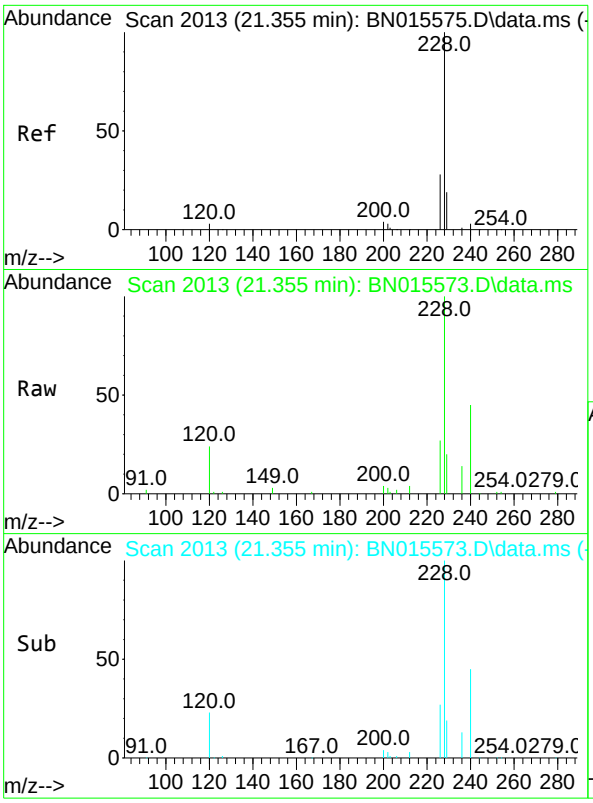
#31
Terphenyl-d14
Concen: 0.107 ng
RT: 19.812 min Scan# 1847
Delta R.T. -0.005 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:244 Resp: 11190

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	13.5	6.2	9.2#



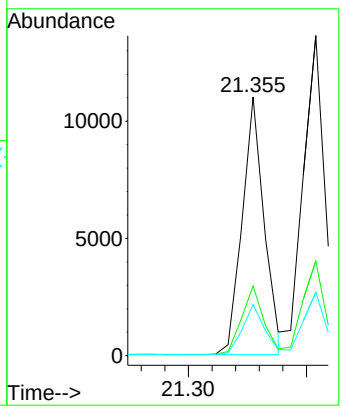
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

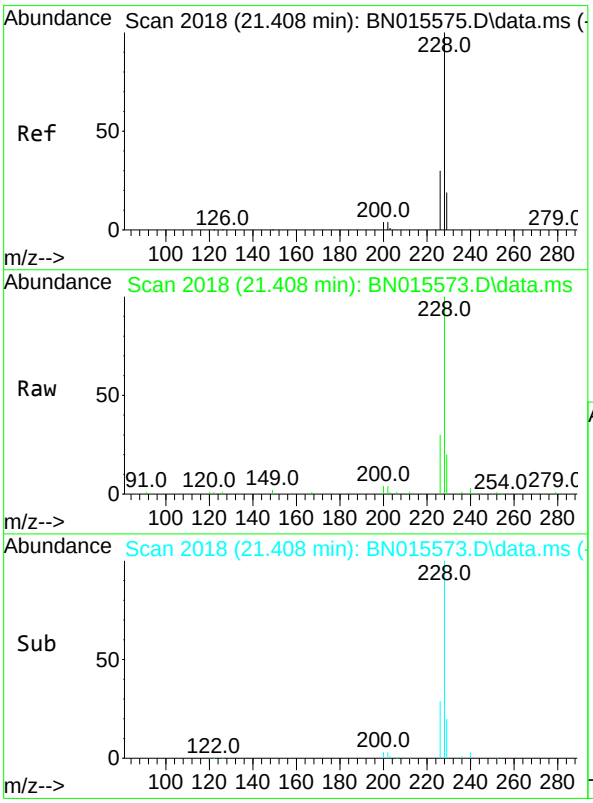


#32
Benzo(a)anthracene
Concen: 0.092 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:228 Resp: 14184

Ion	Ratio	Lower	Upper
228	100		
226	26.9	23.0	34.6
229	19.8	15.7	23.5

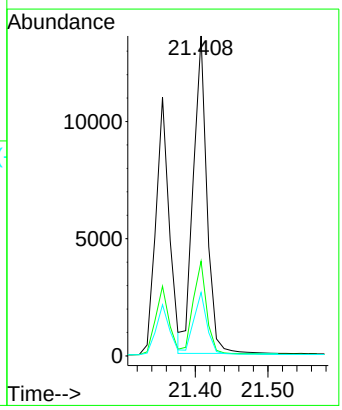




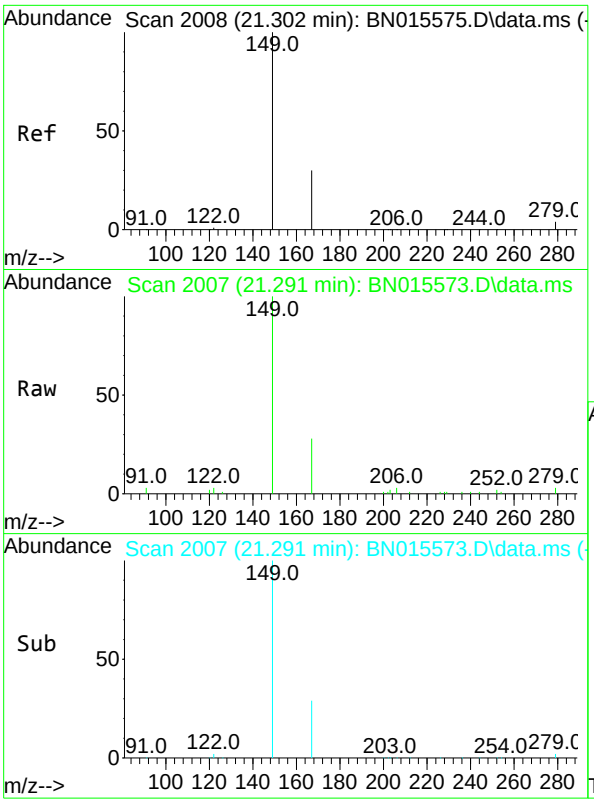
#33
Chrysene
Concen: 0.106 ng
RT: 21.408 min Scan# 2018
Delta R.T. -0.000 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:228 Resp: 17686

Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.0	37.6
229	19.8	15.9	23.9



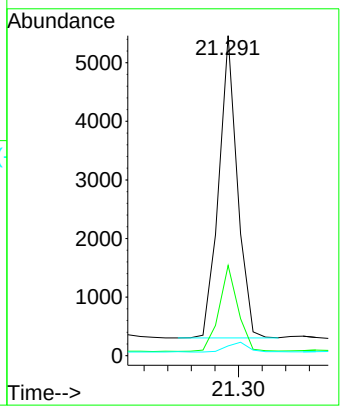
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

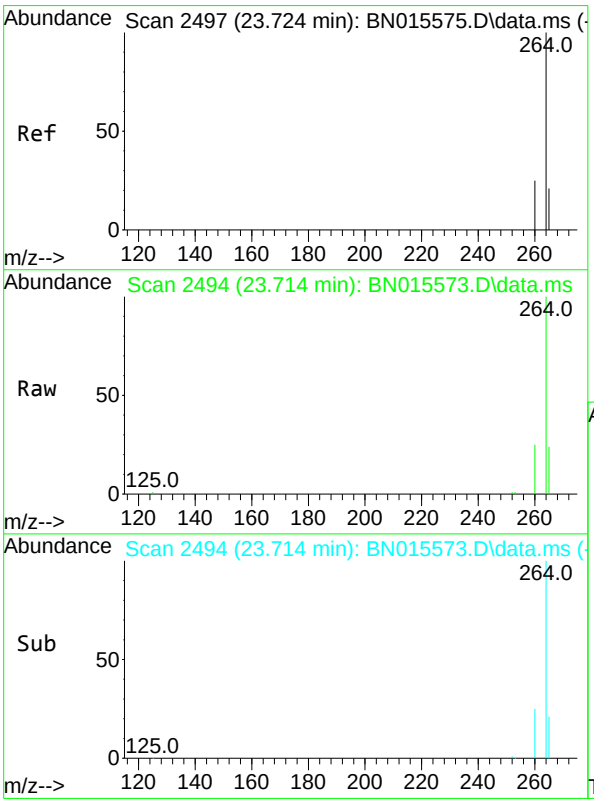


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.291 min Scan# 2007
Delta R.T. -0.011 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:149 Resp: 5653

Ion	Ratio	Lower	Upper
149	100		
167	28.9	28.9	43.3#
279	3.8	4.9	7.3#

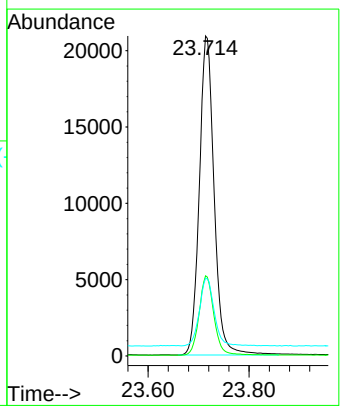




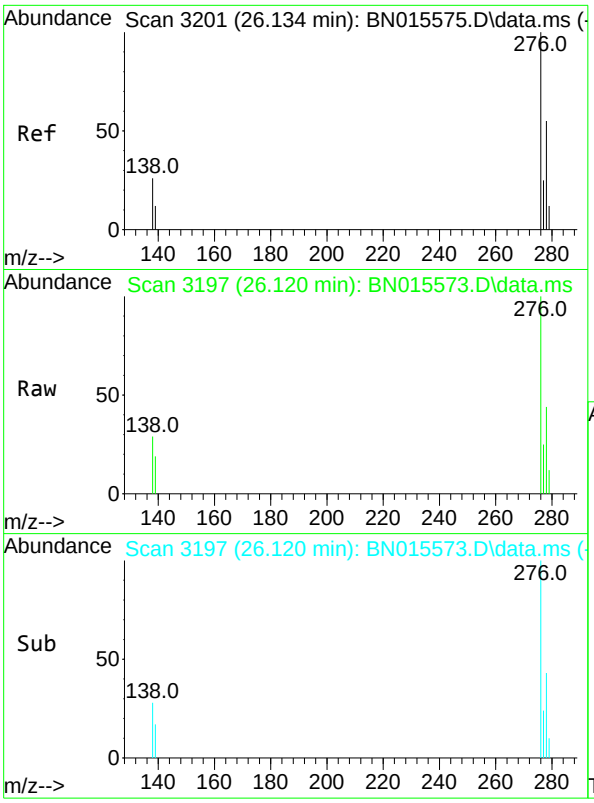
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.714 min Scan# 2494
Delta R.T. -0.010 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:264 Resp: 42562

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	31.0
265	24.3	21.4	32.2



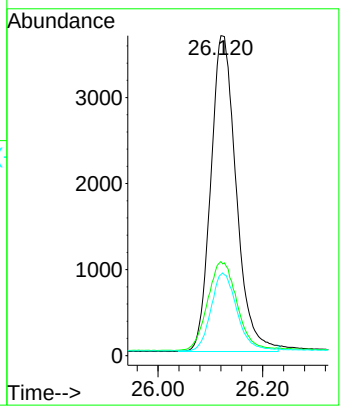
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

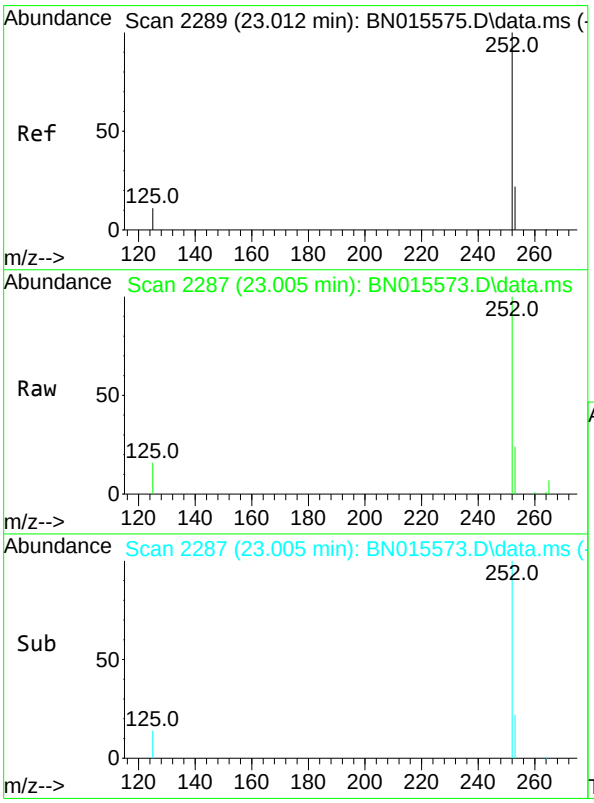


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng
RT: 26.120 min Scan# 3197
Delta R.T. -0.014 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:276 Resp: 12375

Ion	Ratio	Lower	Upper
276	100		
138	32.6	10.0	15.0#
277	24.9	20.4	30.6

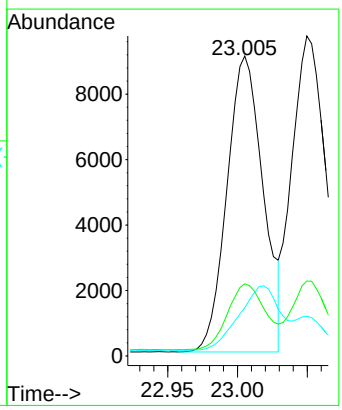




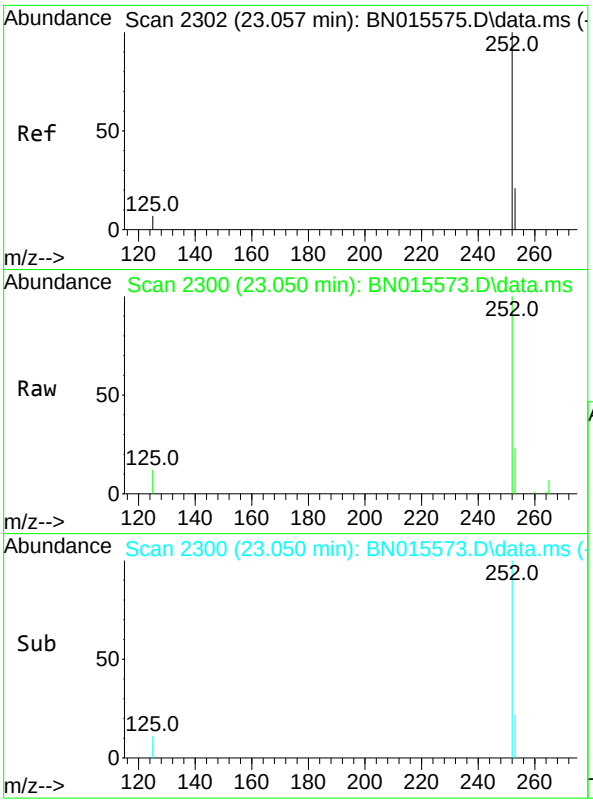
#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 23.005 min Scan# 2287
Delta R.T. -0.007 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:252 Resp: 16314

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	16.1	5.8	8.6#



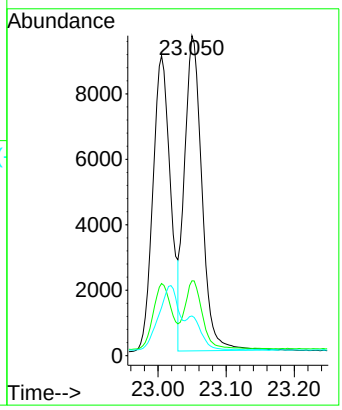
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

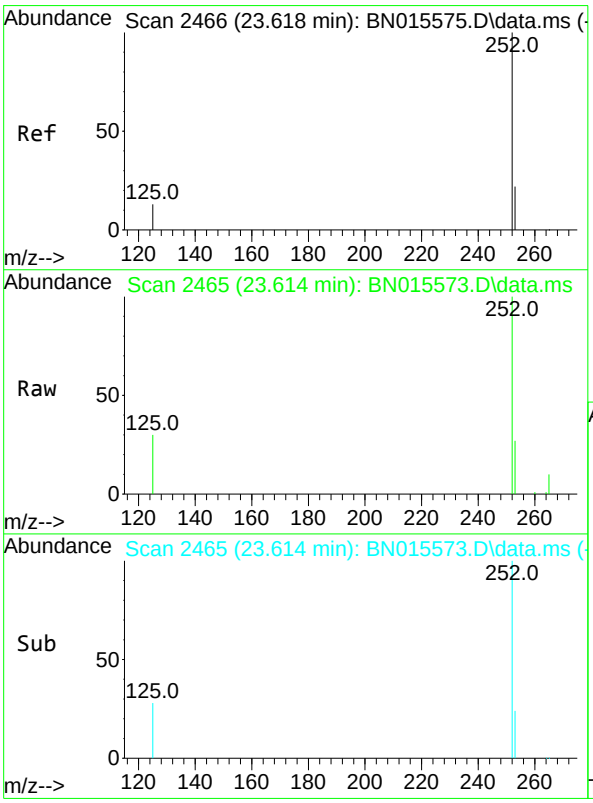


#38
Benzo(k)fluoranthene
Concen: 0.096 ng
RT: 23.050 min Scan# 2300
Delta R.T. -0.007 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:252 Resp: 17099

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.1	28.7
125	12.4	5.4	8.0#

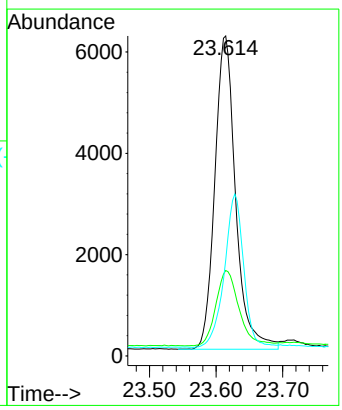




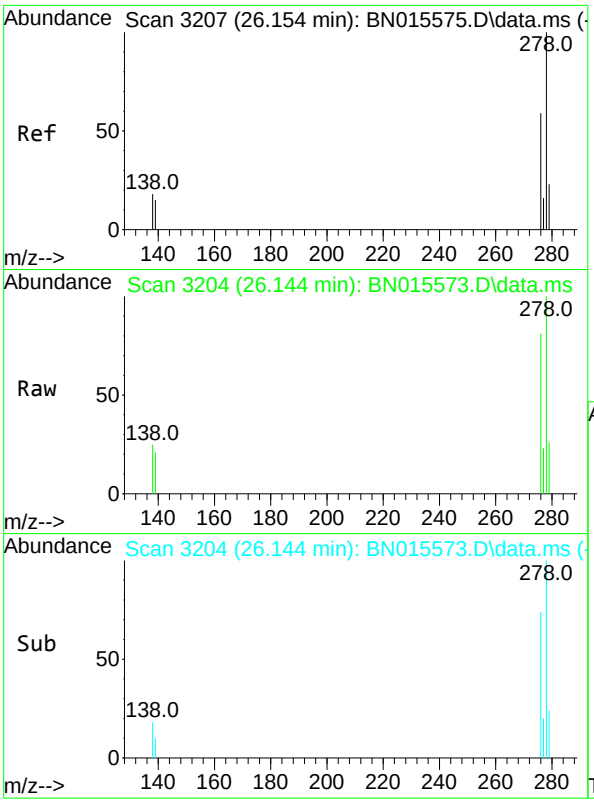
#39
Benzo(a)pyrene
Concen: 0.088 ng
RT: 23.614 min Scan# 2465
Delta R.T. -0.004 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:252 Resp: 13470

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.4	29.2
125	29.9	7.4	11.2#



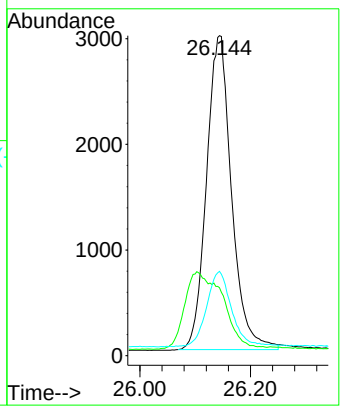
Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

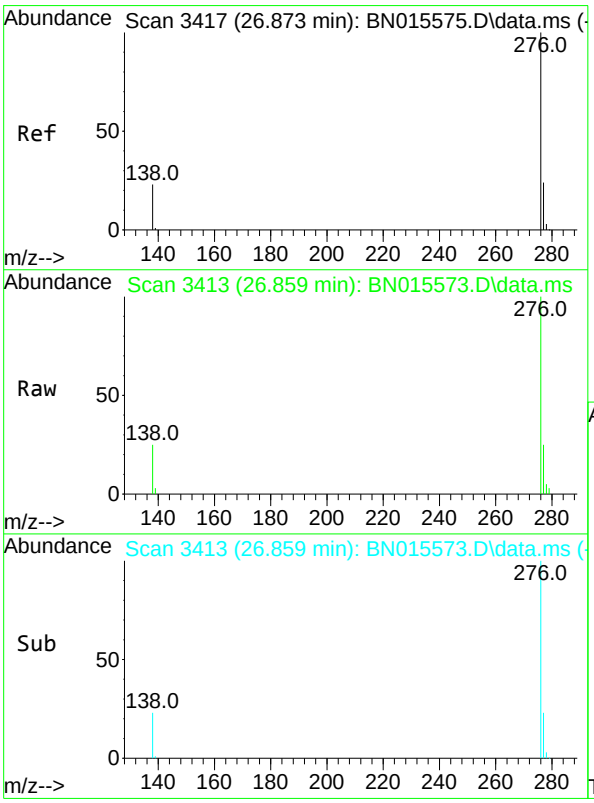


#40
Dibenzo(a,h)anthracene
Concen: 0.078 ng
RT: 26.144 min Scan# 3204
Delta R.T. -0.010 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:278 Resp: 9365

Ion	Ratio	Lower	Upper
278	100		
139	21.3	9.0	13.4#
279	26.3	21.0	31.4





#41
Benzo(g,h,i)perylene
Concen: 0.079 ng
RT: 26.859 min Scan# 3413
Delta R.T. -0.014 min
Lab File: BN015573.D
Acq: 15 Jul 2021 10:23

Tgt Ion:276 Resp: 10368

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.7	29.5
138	25.0	9.8	14.6#