Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010721\
Data File : BN013351.D
Acq On : 07 Jan 2021 15:53
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Jan 07 16:22:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 15:15:06 2021
Response via : Initial Calibration

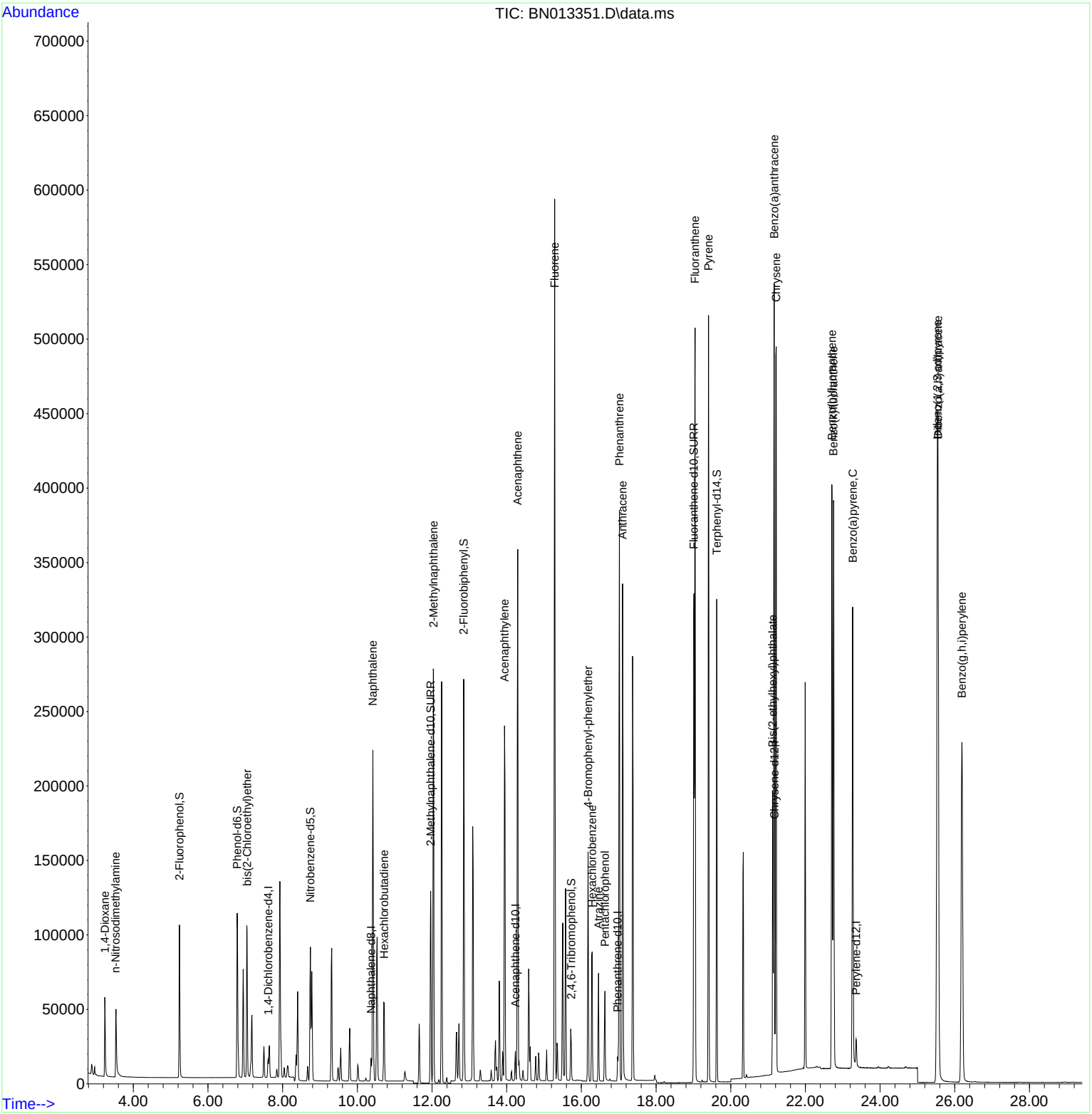
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.612	152	5846	0.40	ng		0.00
7) Naphthalene-d8	10.366	136	19629	0.40	ng		0.00
13) Acenaphthene-d10	14.232	164	11097	0.40	ng		0.00
19) Phenanthrene-d10	16.970	188	23316	0.40	ng		0.00
29) Chrysene-d12	21.176	240	26185	0.40	ng		0.00
36) Perylene-d12	23.359	264	24100	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	79546	3.41	ng		0.00
5) Phenol-d6	6.782	99	102089	4.71	ng		0.00
8) Nitrobenzene-d5	8.743	82	68397	3.07	ng		0.00
11) 2-Methylnaphthalene-d10	11.964	152	170598	5.10	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	27543	3.84	ng		0.00
15) 2-Fluorobiphenyl	12.849	172	232374	5.58	ng		0.00
27) Fluoranthene-d10	19.015	212	377746	5.12	ng		0.00
31) Terphenyl-d14	19.625	244	313480	4.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	31554	1.28	ng		97
3) n-Nitrosodimethylamine	3.529	42	30447	1.69	ng		98
6) bis(2-Chloroethyl)ether	7.048	93	74367	5.11	ng		100
9) Naphthalene	10.416	128	283073	4.76	ng		99
10) Hexachlorobutadiene	10.720	225	49292	3.34	ng	#	100
12) 2-Methylnaphthalene	12.040	142	196812	5.03	ng		98
16) Acenaphthylene	13.940	152	288003	4.83	ng		99
17) Acenaphthene	14.296	154	189195	5.08	ng		97
18) Fluorene	15.285	166	238908	4.86	ng		99
21) 4-Bromophenyl-phenylether	16.179	248	69777	8.86	ng		95
22) Hexachlorobenzene	16.289	284	78711	2.97	ng		98
23) Atrazine	16.459	200	53864	4.22	ng		98
24) Pentachlorophenol	16.630	266	28891	4.41	ng		96
25) Phenanthrene	17.019	178	383573	5.08	ng		100
26) Anthracene	17.104	178	349604	5.36	ng		100
28) Fluoranthene	19.044	202	448562	4.89	ng		100
30) Pyrene	19.407	202	453211	4.56	ng		100
32) Benzo(a)anthracene	21.165	228	463476	5.32	ng		100
33) Chrysene	21.218	228	467538	4.54	ng		96
34) Bis(2-ethylhexyl)phtha...	21.123	149	161768	3.15	ng		99
35) Indeno(1,2,3-cd)pyrene	25.533	276	525465	4.57	ng		100
37) Benzo(b)fluoranthene	22.709	252	477449	3.74	ng	#	92
38) Benzo(k)fluoranthene	22.753	252	460348	4.46	ng	#	91
39) Benzo(a)pyrene	23.267	252	417746	4.88	ng	#	87
40) Dibenzo(a,h)anthracene	25.553	278	449941	5.04	ng		96
41) Benzo(g,h,i)perylene	26.190	276	455387	4.51	ng		97

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

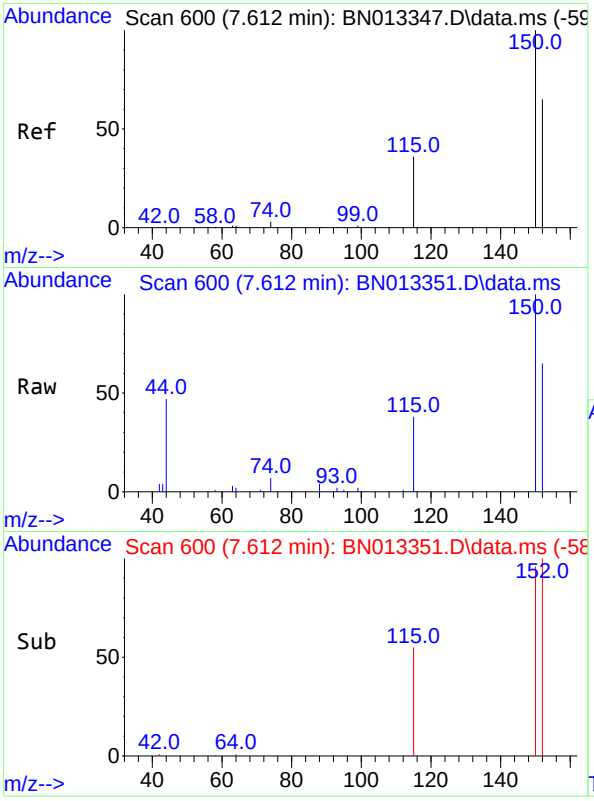
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010721\
Data File : BN013351.D
Acq On : 07 Jan 2021 15:53
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Jan 07 16:22:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 07 15:15:06 2021
Response via : Initial Calibration



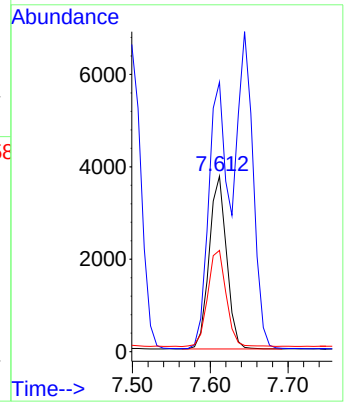
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

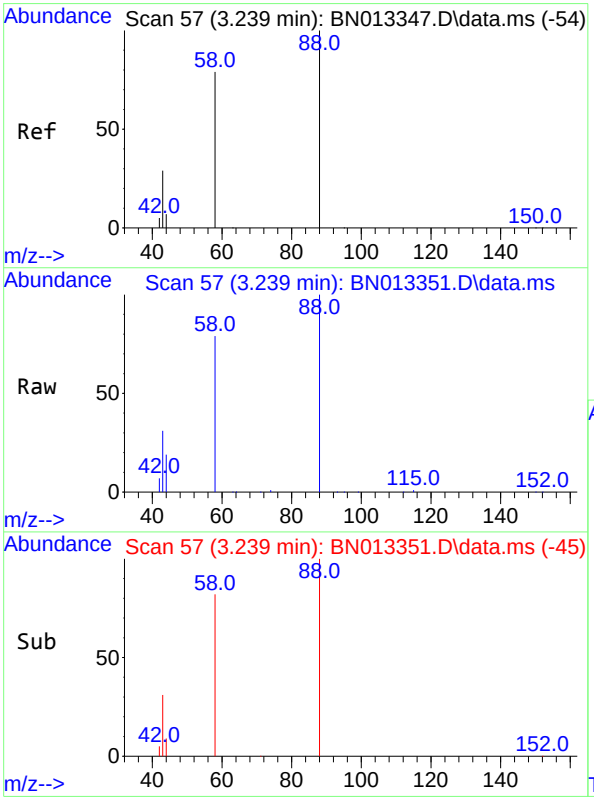


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.612 min Scan# 600
Delta R.T. -0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:152 Resp: 5846

Ion	Ratio	Lower	Upper
152	100		
150	153.6	121.8	182.8
115	57.7	46.6	69.8

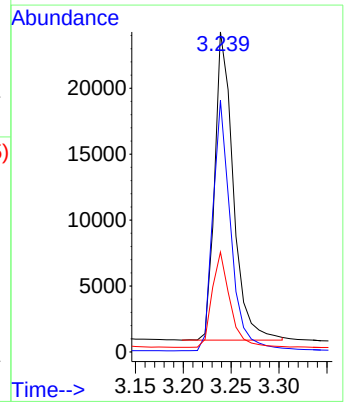




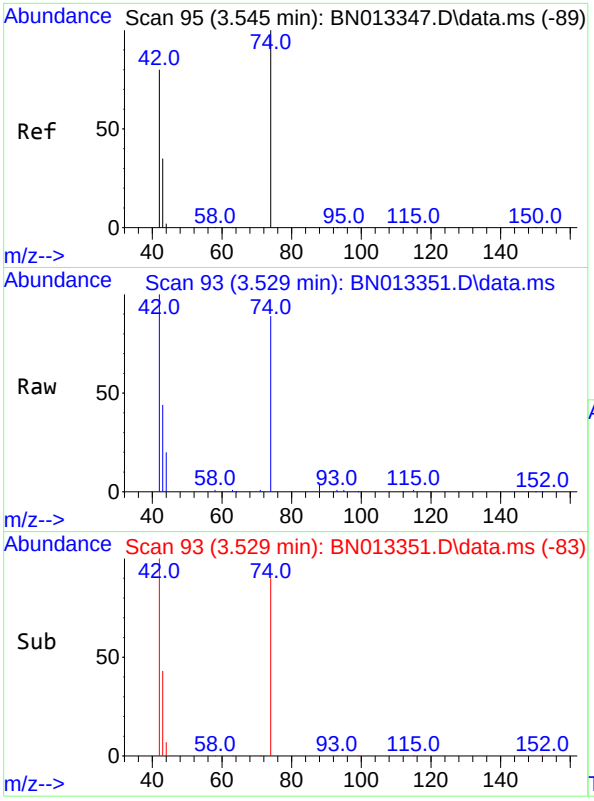
#2
1,4-Dioxane
Concen: 1.28 ng
RT: 3.239 min Scan# 57
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 88 Resp: 31554

Ion	Ratio	Lower	Upper
88	100		
58	78.4	64.6	96.8
43	30.1	26.6	40.0



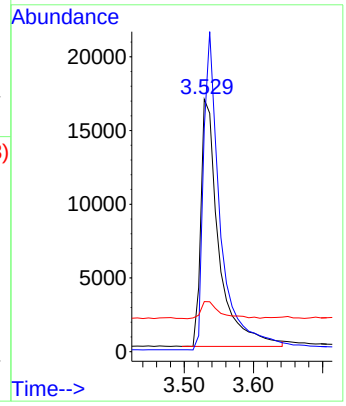
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

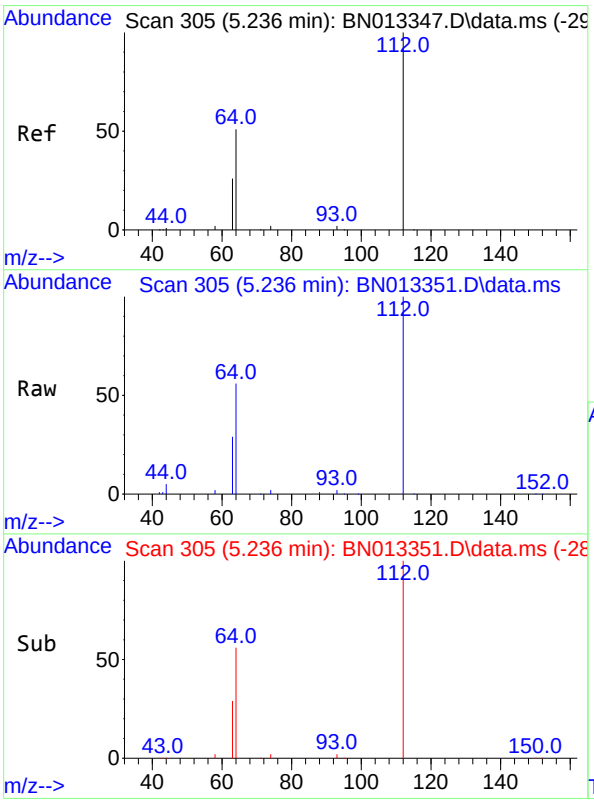


#3
n-Nitrosodimethylamine
Concen: 1.69 ng
RT: 3.529 min Scan# 93
Delta R.T. -0.016 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 42 Resp: 30447

Ion	Ratio	Lower	Upper
42	100		
74	121.5	95.0	142.6
44	7.4	5.8	8.8

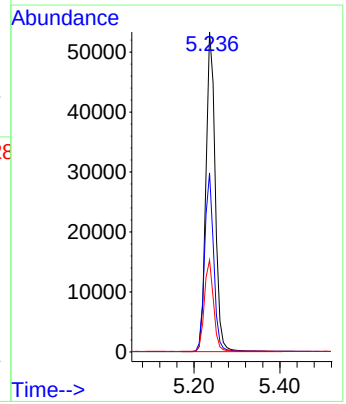




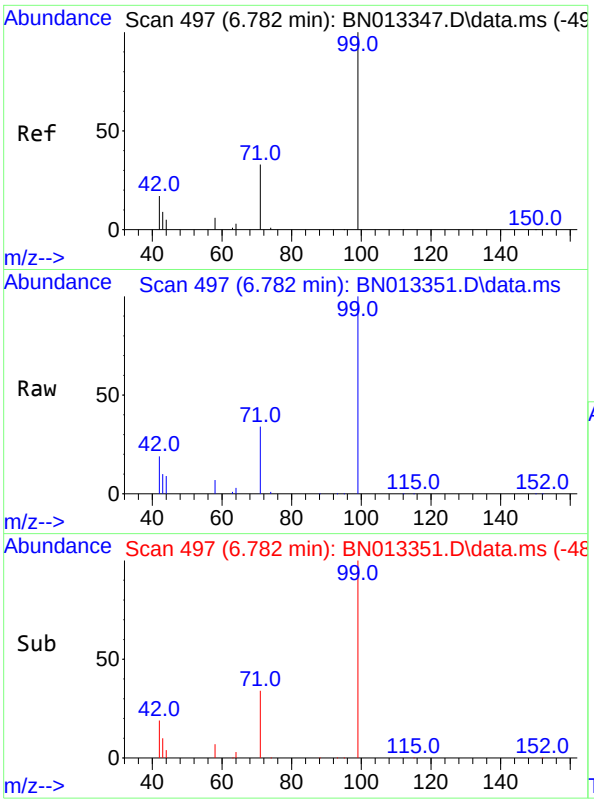
#4
2-Fluorophenol
Concen: 3.41 ng
RT: 5.236 min Scan# 305
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:112 Resp: 79546

Ion	Ratio	Lower	Upper
112	100		
64	54.8	44.3	66.5
63	28.6	23.0	34.6



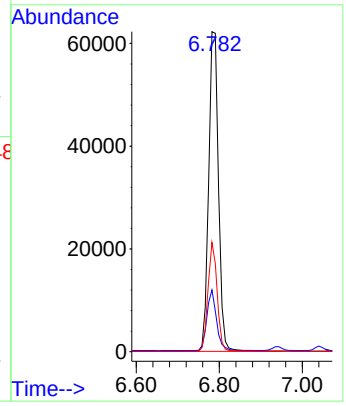
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

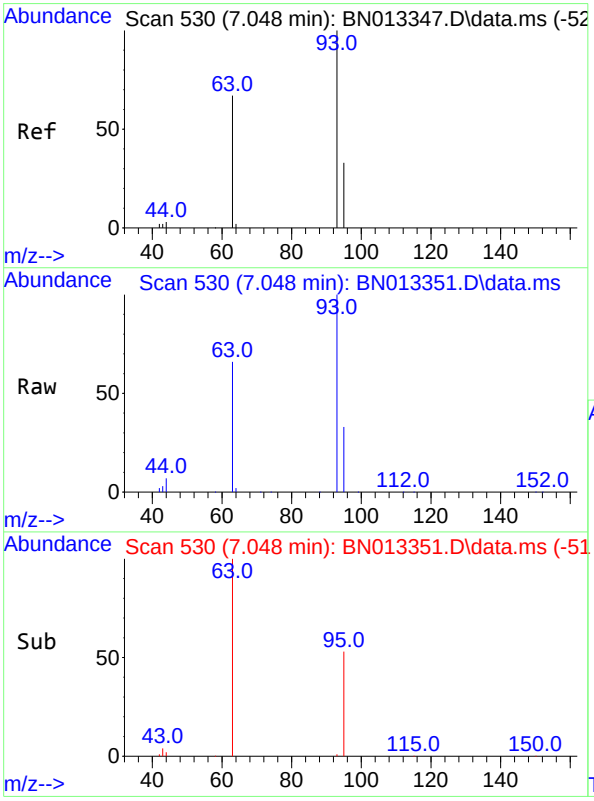


#5
Phenol-d6
Concen: 4.71 ng
RT: 6.782 min Scan# 497
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 99 Resp: 102089

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.2	22.8
71	31.9	26.1	39.1

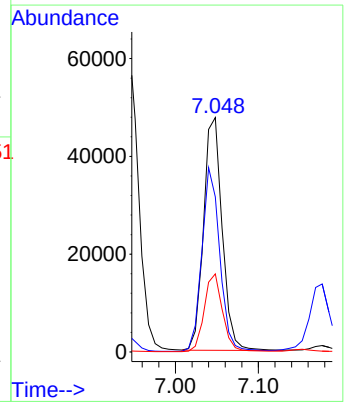




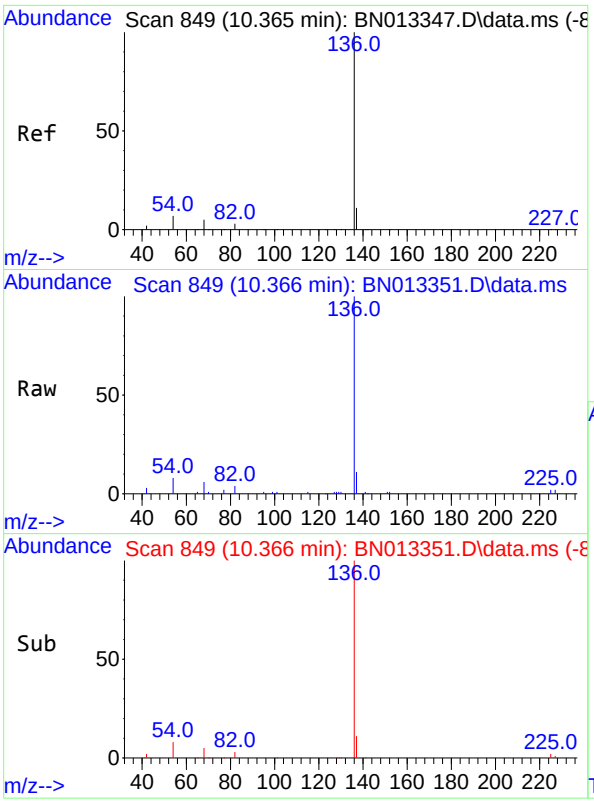
#6
bis(2-Chloroethyl)ether
Concen: 5.11 ng
RT: 7.048 min Scan# 530
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 93 Resp: 74367

Ion	Ratio	Lower	Upper
93	100		
63	76.0	60.8	91.2
95	32.8	26.0	39.0



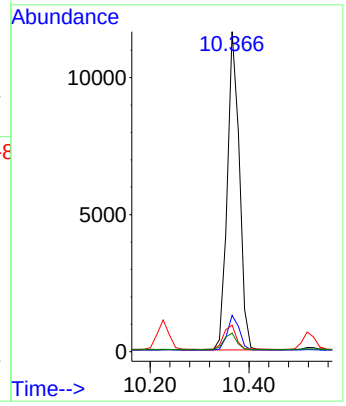
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

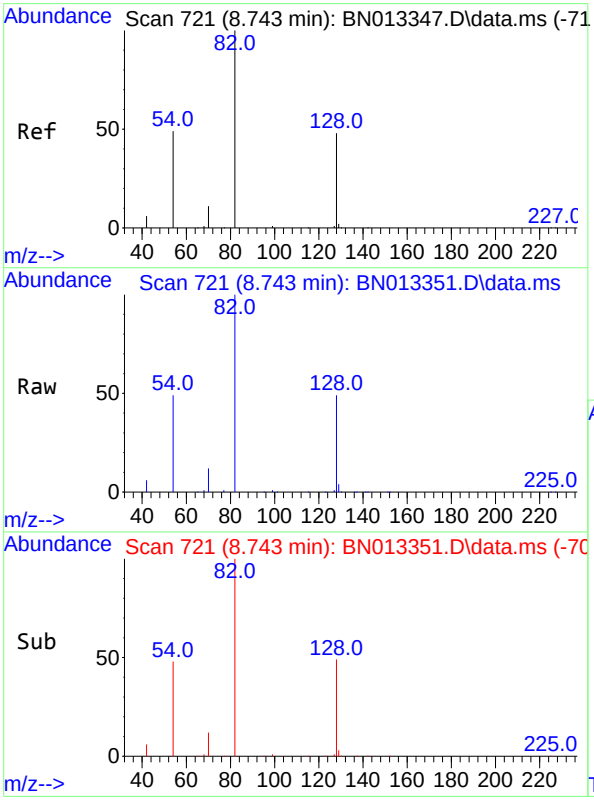


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.366 min Scan# 849
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:136 Resp: 19629

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	8.3	6.4	9.6
68	5.8	4.5	6.7

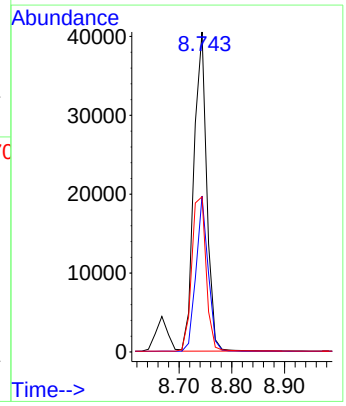




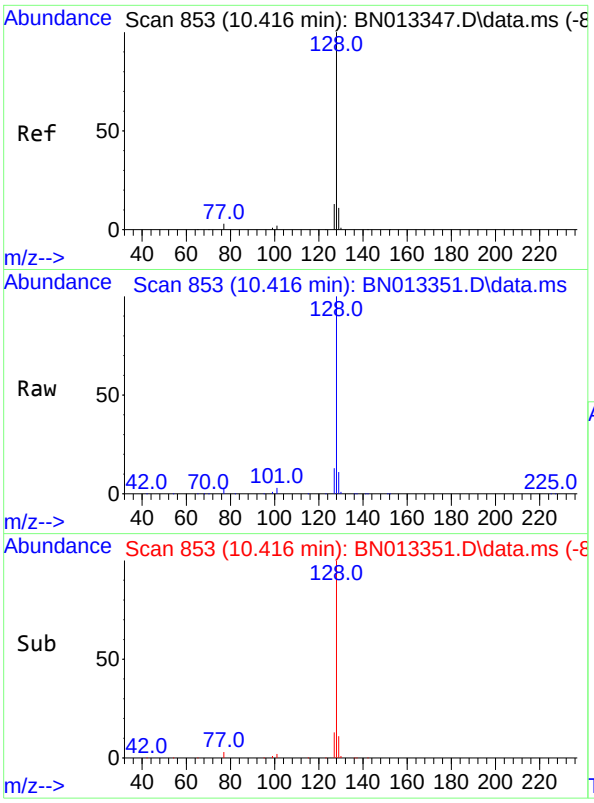
#8
Nitrobenzene-d5
Concen: 3.07 ng
RT: 8.743 min Scan# 721
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion: 82 Resp: 68397

Ion	Ratio	Lower	Upper
82	100		
128	48.7	39.2	58.8
54	48.5	40.1	60.1



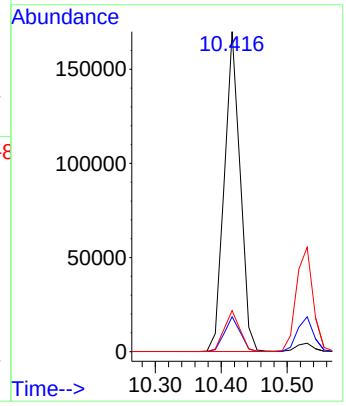
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

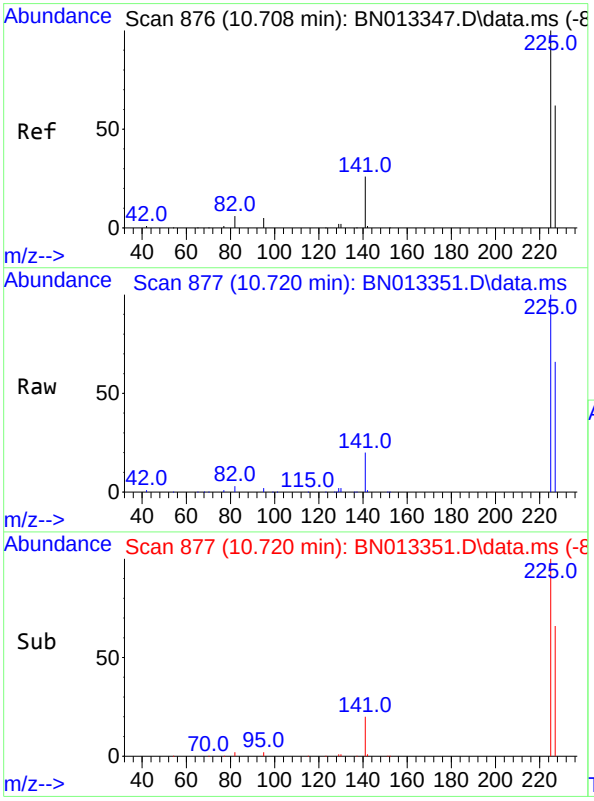


#9
Naphthalene
Concen: 4.76 ng
RT: 10.416 min Scan# 853
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:128 Resp: 283073

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	12.9	10.4	15.6

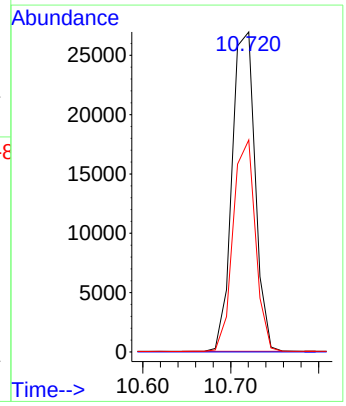




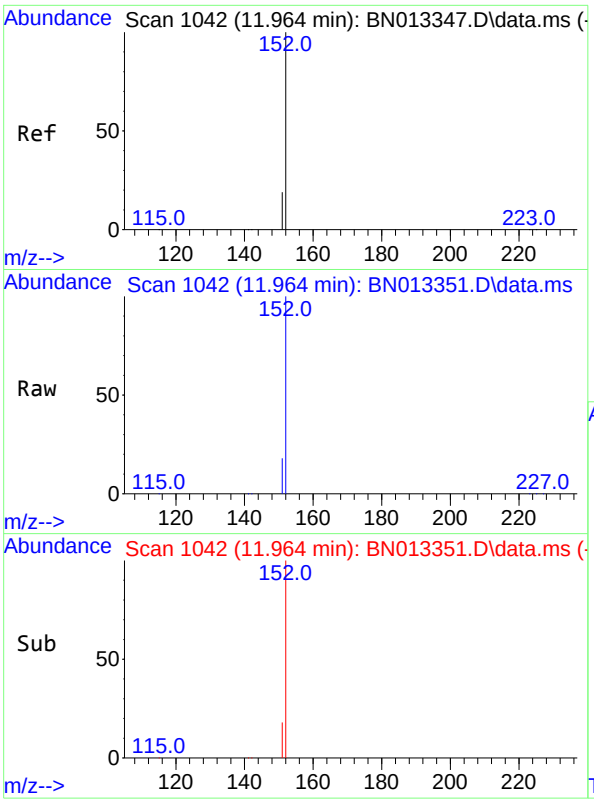
#10
Hexachlorobutadiene
Concen: 3.34 ng
RT: 10.720 min Scan# 877
Delta R.T. 0.013 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:225 Resp: 49292

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.2	76.8



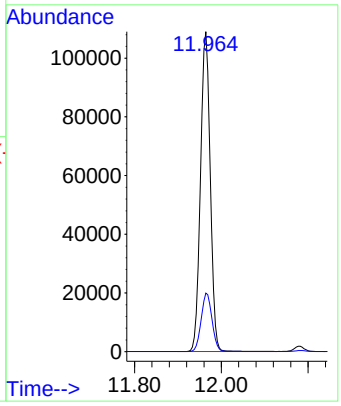
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

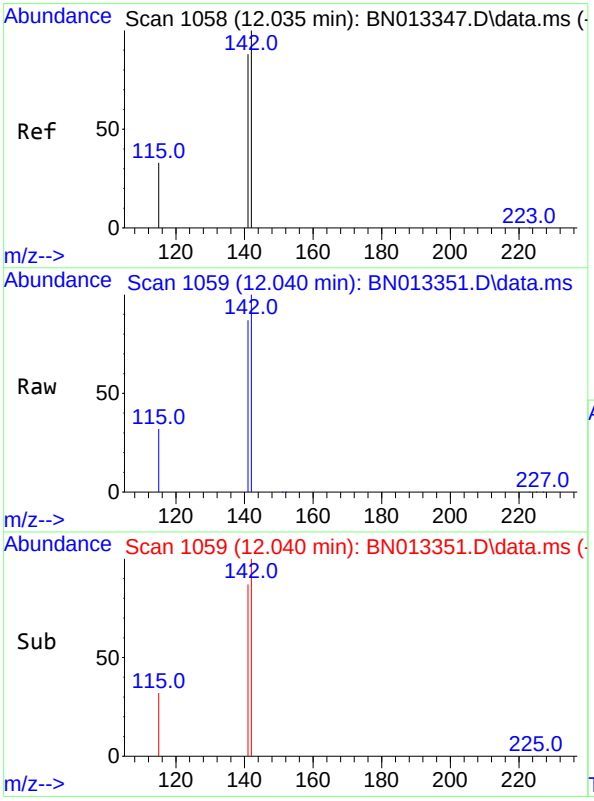


#11
2-Methylnaphthalene-d10
Concen: 5.10 ng
RT: 11.964 min Scan# 1042
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:152 Resp: 170598

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2

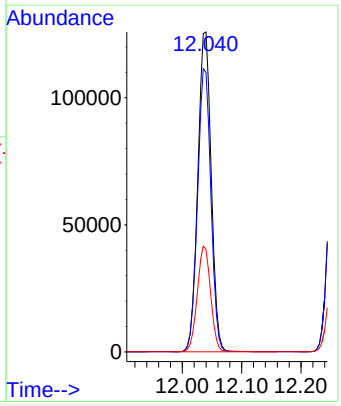




#12
2-Methylnaphthalene
Concen: 5.03 ng
RT: 12.040 min Scan# 1059
Delta R.T. 0.005 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:142 Resp: 196812

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.5	105.7
115	32.0	27.4	41.0



Instrument :
BNA_N
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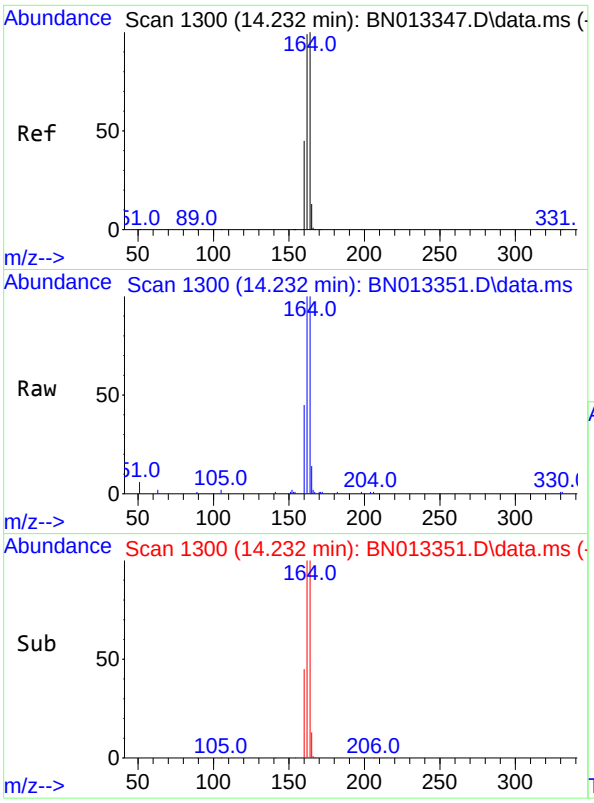
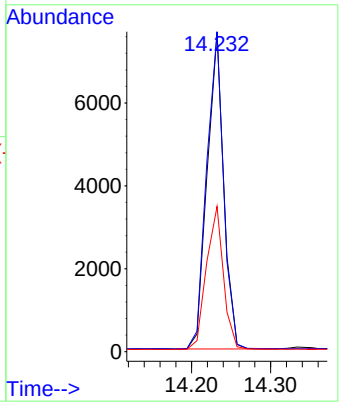
SSTDICC5.0

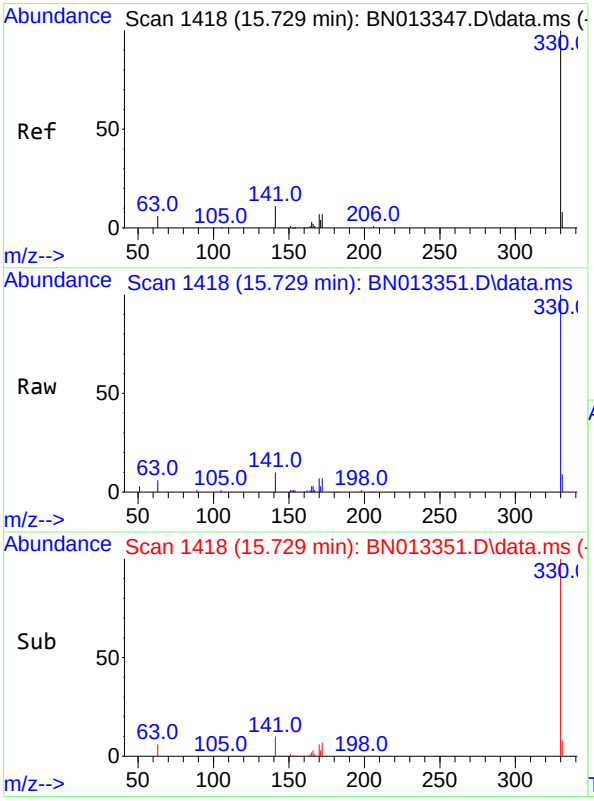


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.232 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:164 Resp: 11097

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.6	119.4
160	45.5	36.0	54.0

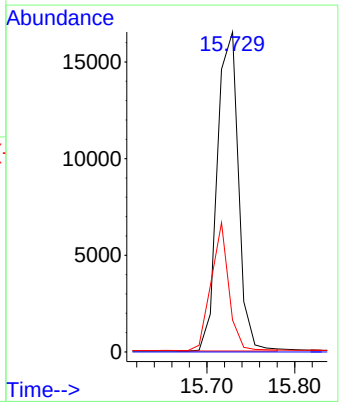




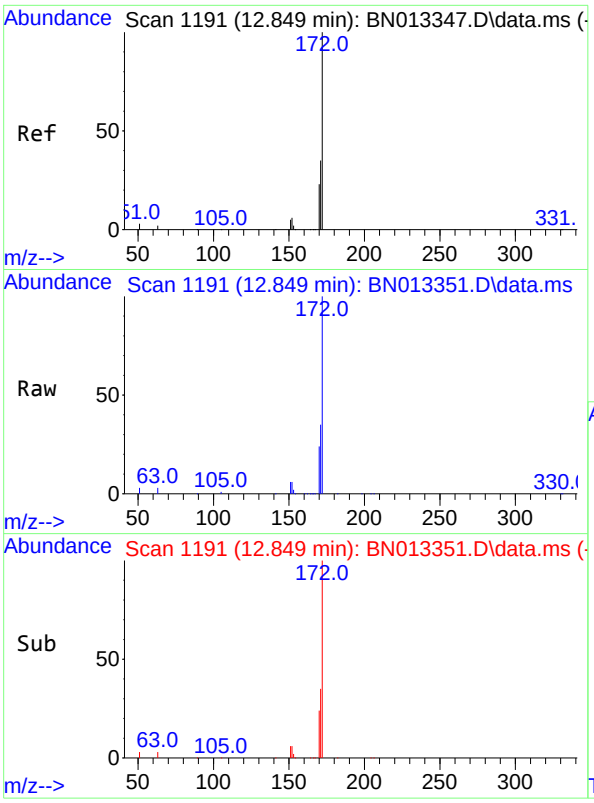
#14
2,4,6-Tribromophenol
Concen: 3.84 ng
RT: 15.729 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:330 Resp: 27543

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.5	26.8	40.2



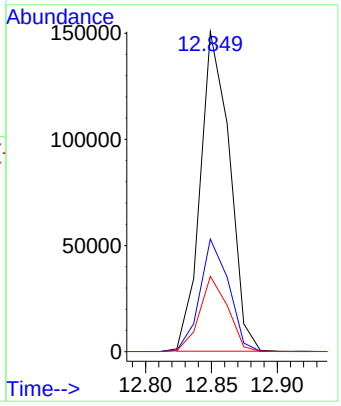
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

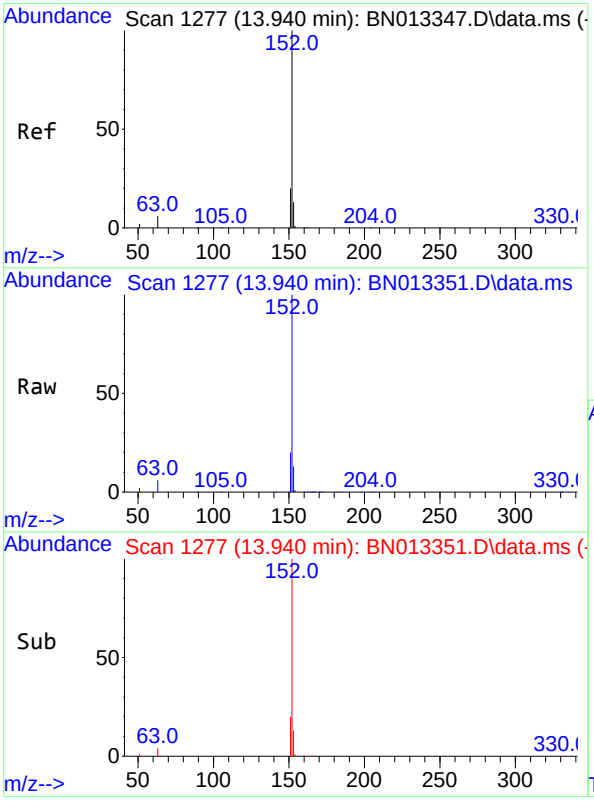


#15
2-Fluorobiphenyl
Concen: 5.58 ng
RT: 12.849 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:172 Resp: 232374

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.5	18.9	28.3

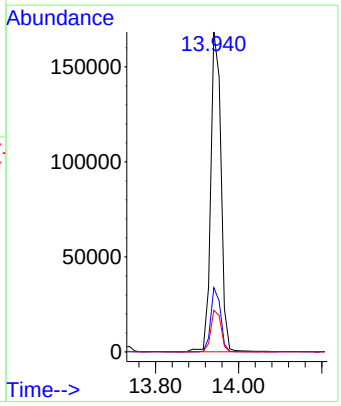




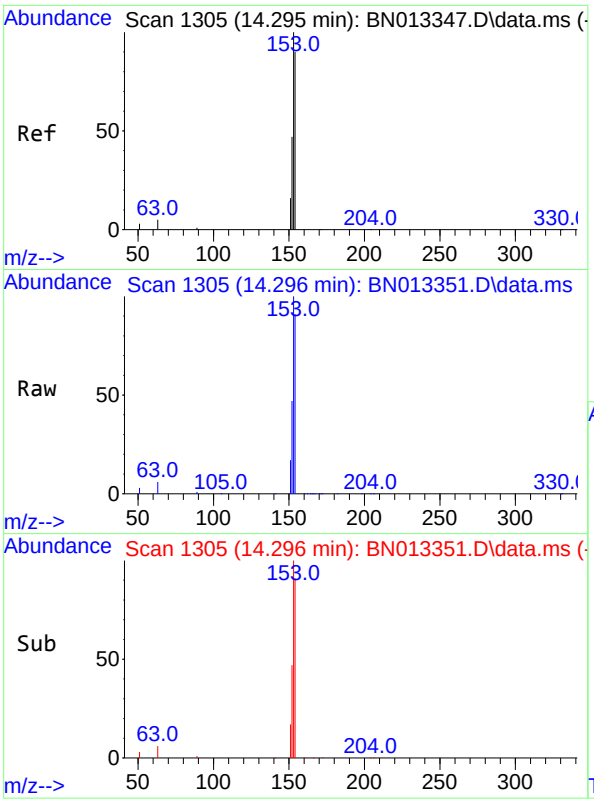
#16
Acenaphthylene
Concen: 4.83 ng
RT: 13.940 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:152 Resp: 288003

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	13.0	10.5	15.7



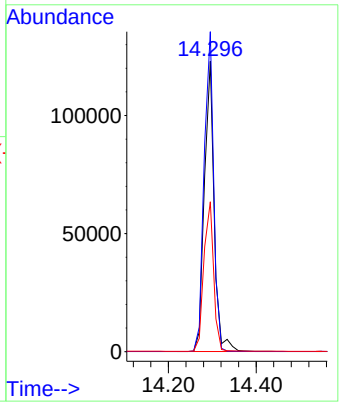
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

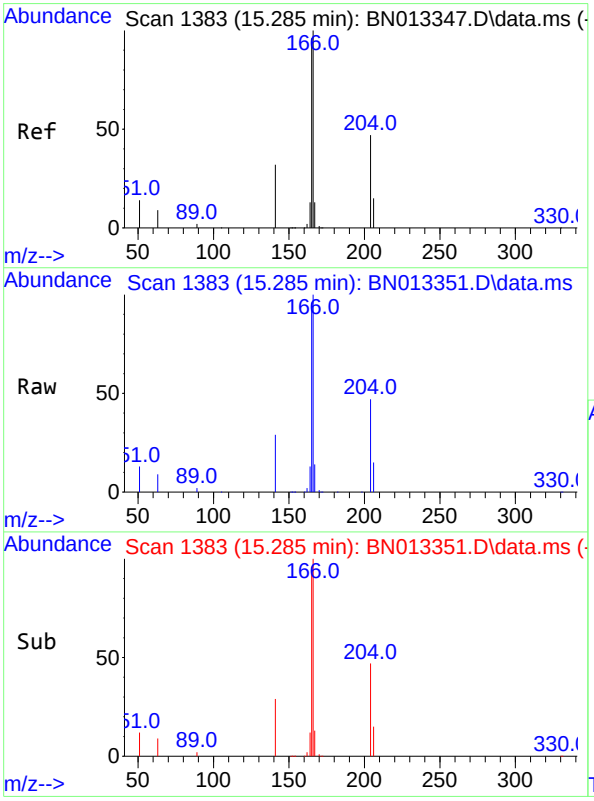


#17
Acenaphthene
Concen: 5.08 ng
RT: 14.296 min Scan# 1305
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:154 Resp: 189195

Ion	Ratio	Lower	Upper
154	100		
153	107.7	88.4	132.6
152	51.8	43.0	64.4

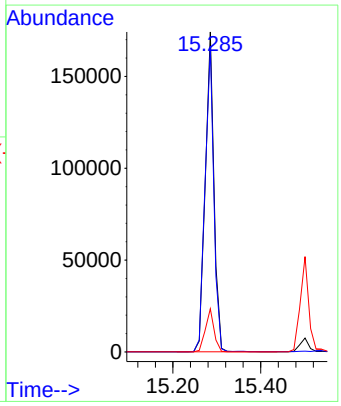




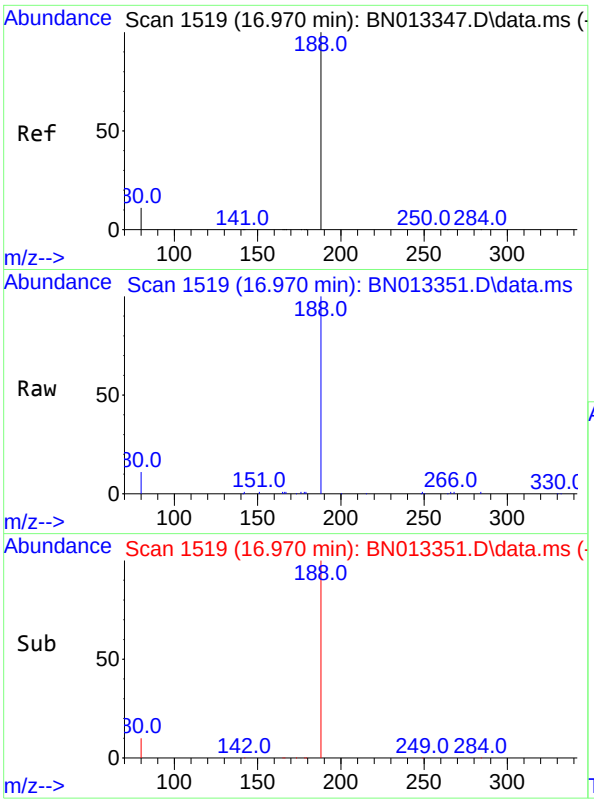
#18
Fluorene
Concen: 4.86 ng
RT: 15.285 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:166 Resp: 238908

Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.8	116.8
167	13.4	10.6	16.0



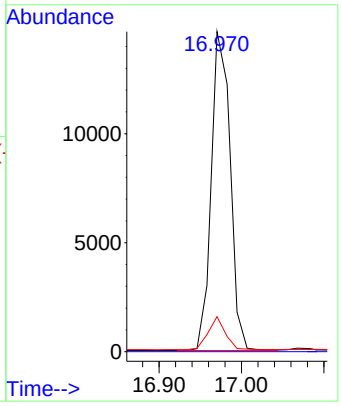
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

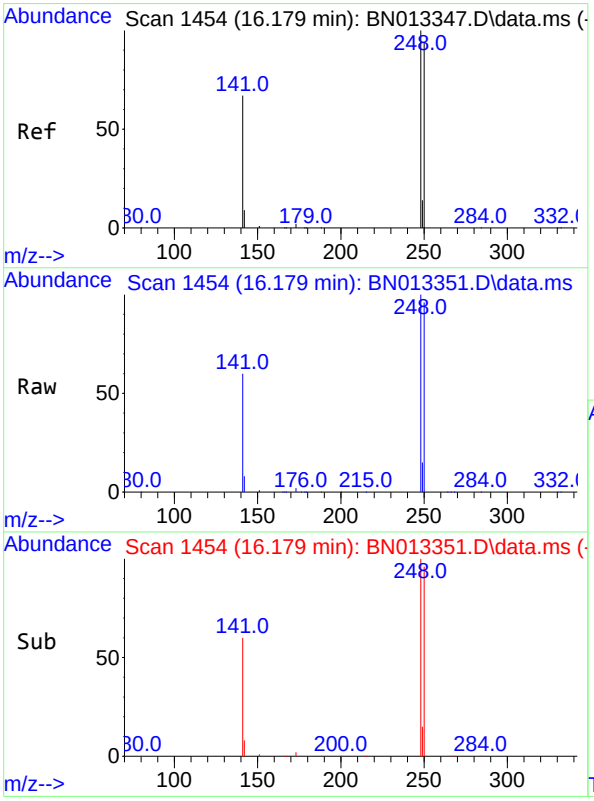


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.970 min Scan# 1519
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:188 Resp: 23316

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	9.0	13.6

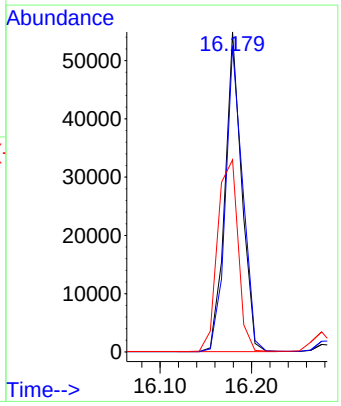




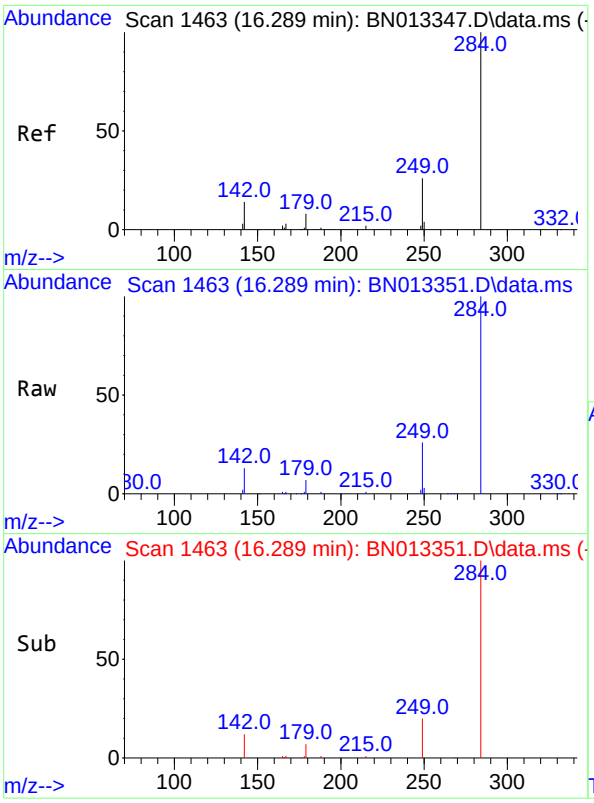
#21
4-Bromophenyl-phenylether
Concen: 8.86 ng
RT: 16.179 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:248 Resp: 69777

Ion	Ratio	Lower	Upper
248	100		
250	95.7	75.5	113.3
141	60.0	53.8	80.8



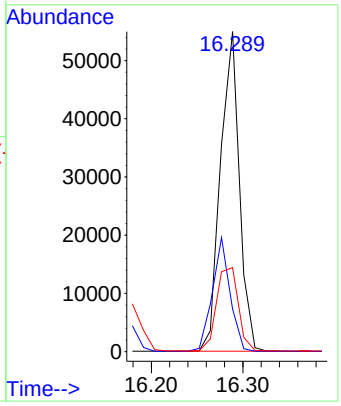
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

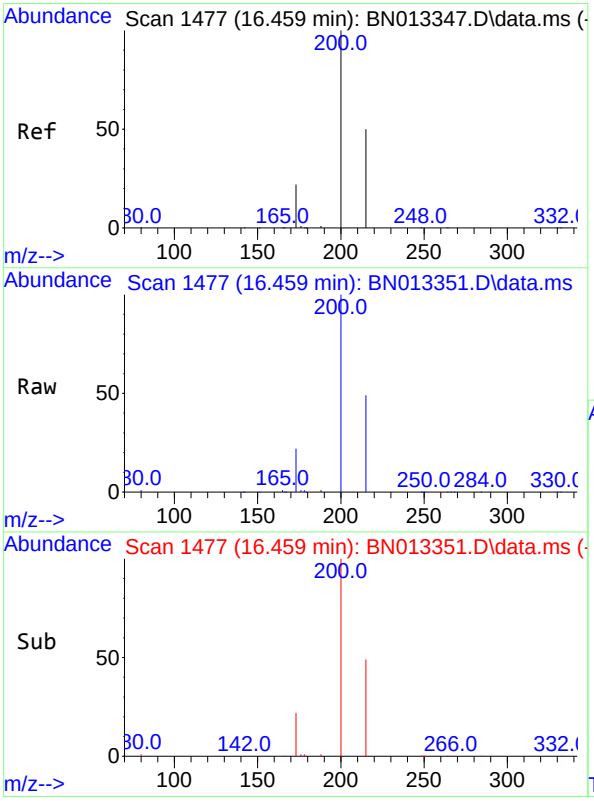


#22
Hexachlorobenzene
Concen: 2.97 ng
RT: 16.289 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:284 Resp: 78711

Ion	Ratio	Lower	Upper
284	100		
142	33.3	27.9	41.9
249	30.2	24.2	36.2

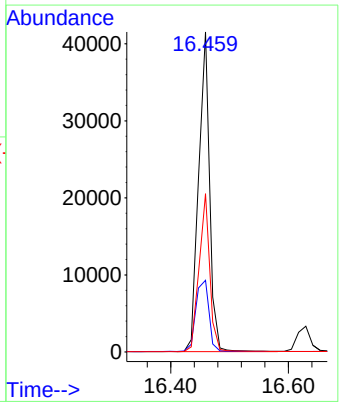




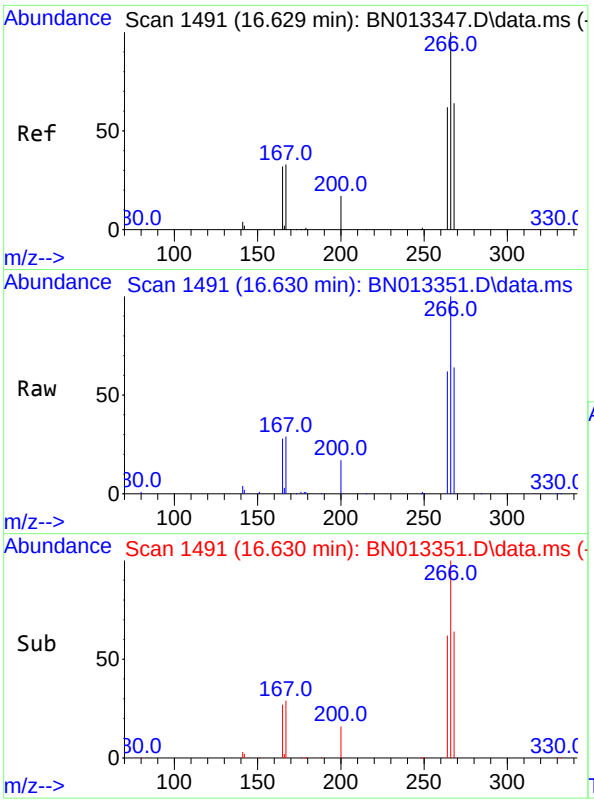
#23
Atrazine
Concen: 4.22 ng
RT: 16.459 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:200 Resp: 53864

Ion	Ratio	Lower	Upper
200	100		
173	22.4	18.6	28.0
215	49.4	41.0	61.6



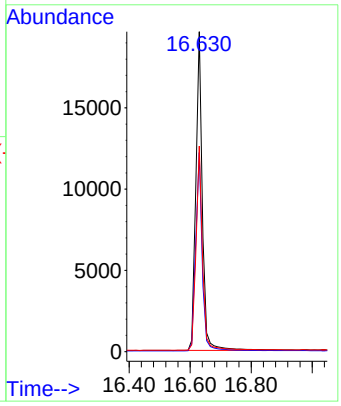
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

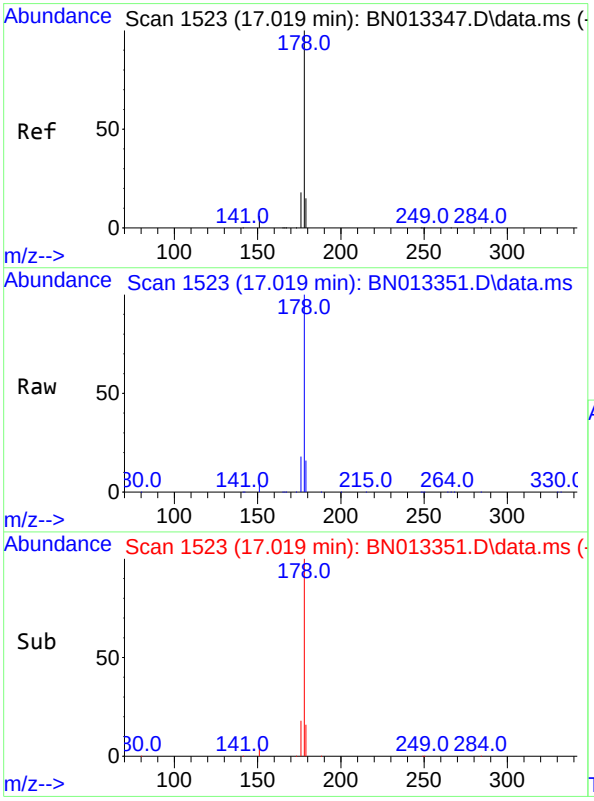


#24
Pentachlorophenol
Concen: 4.41 ng
RT: 16.630 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:266 Resp: 28891

Ion	Ratio	Lower	Upper
266	100		
264	62.5	51.6	77.4
268	63.6	54.6	82.0

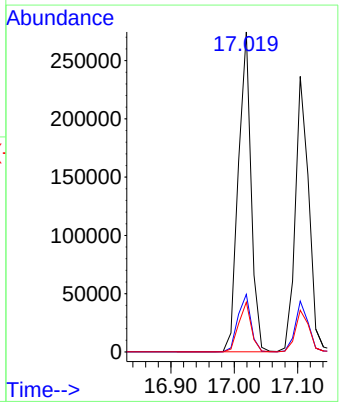




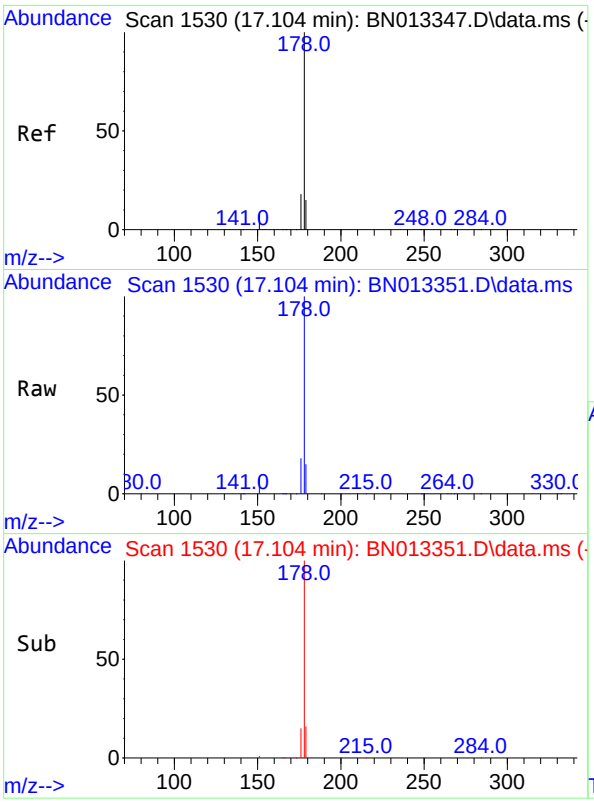
#25
Phenanthrene
Concen: 5.08 ng
RT: 17.019 min Scan# 1523
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:178 Resp: 383573

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.3	12.3	18.5



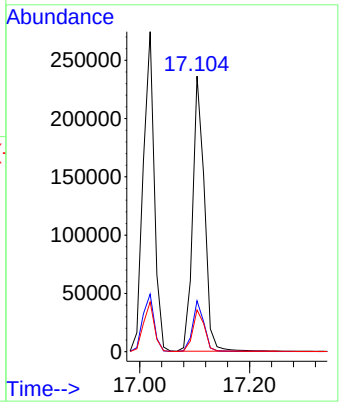
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

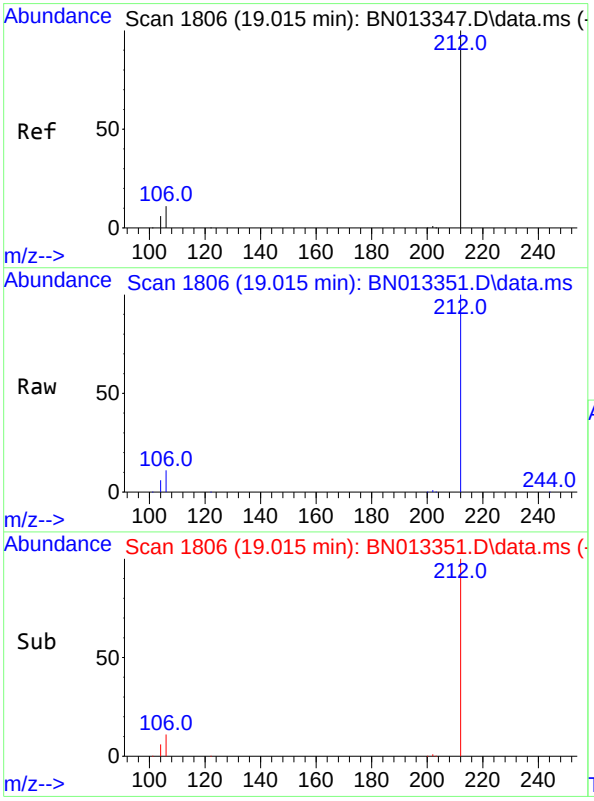


#26
Anthracene
Concen: 5.36 ng
RT: 17.104 min Scan# 1530
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:178 Resp: 349604

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.2	18.2

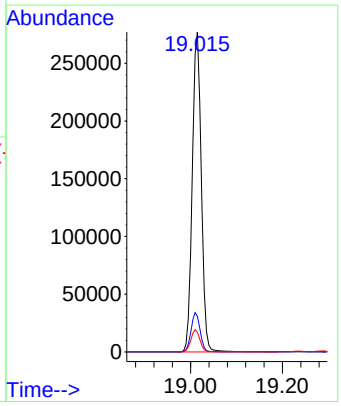




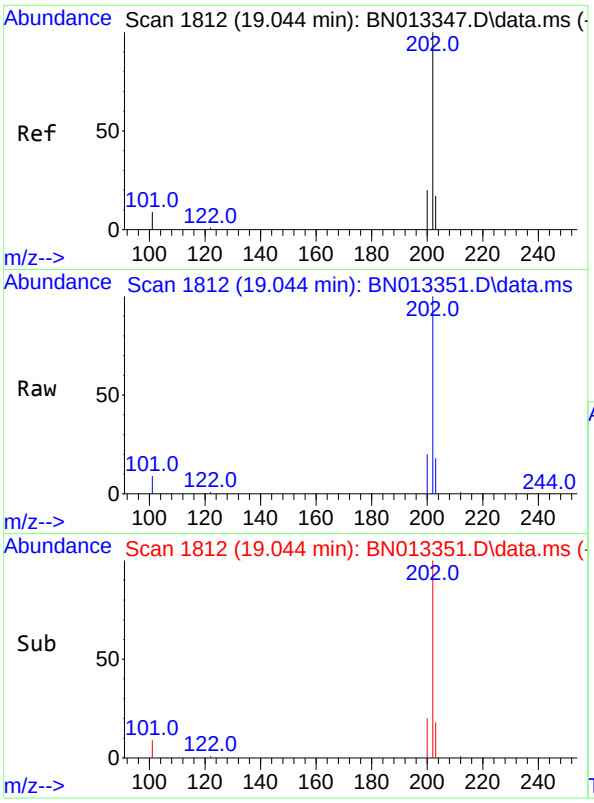
#27
Fluoranthene-d10
Concen: 5.12 ng
RT: 19.015 min Scan# 1806
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:212 Resp: 377746

Ion	Ratio	Lower	Upper
212	100		
106	12.2	9.7	14.5
104	6.8	5.5	8.3



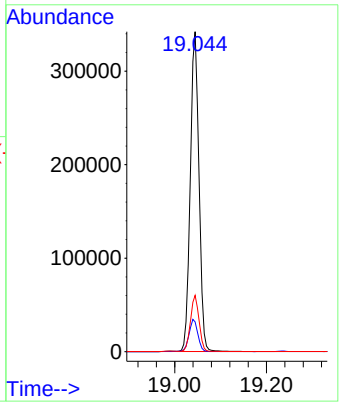
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

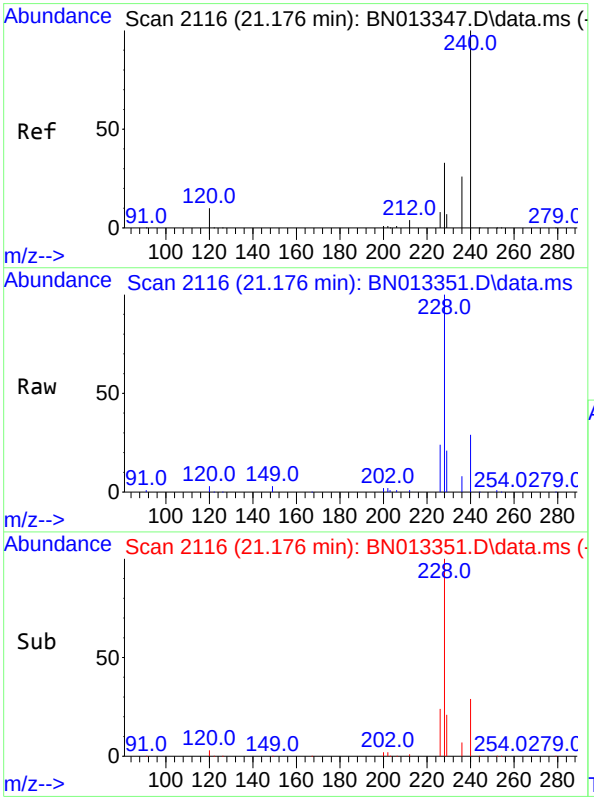


#28
Fluoranthene
Concen: 4.89 ng
RT: 19.044 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:202 Resp: 448562

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
203	17.4	13.9	20.9

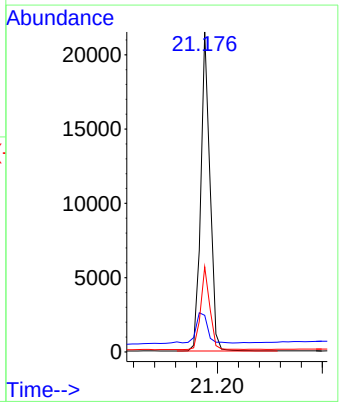




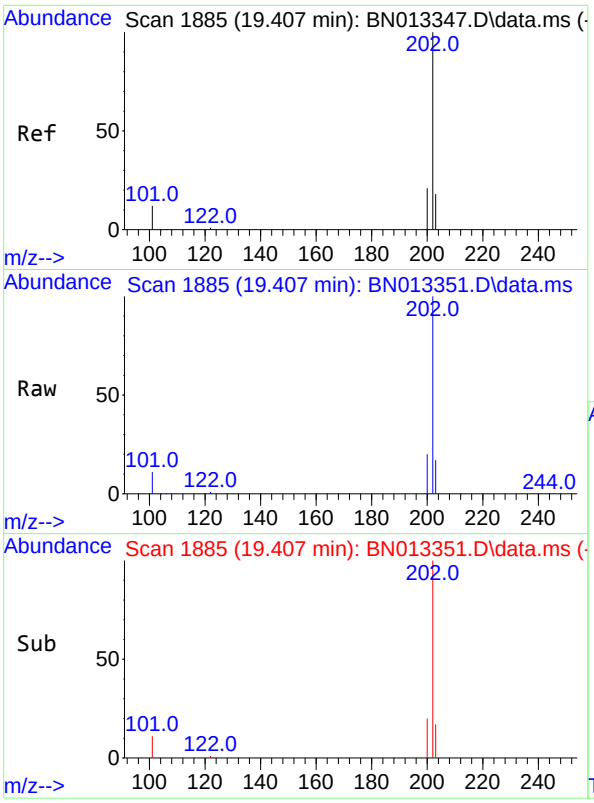
#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.176 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:240 Resp: 26185

Ion	Ratio	Lower	Upper
240	100		
120	11.4	10.2	15.4
236	26.6	21.3	31.9



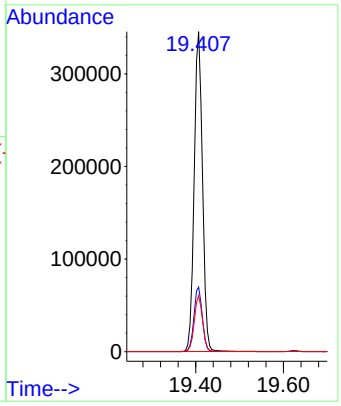
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

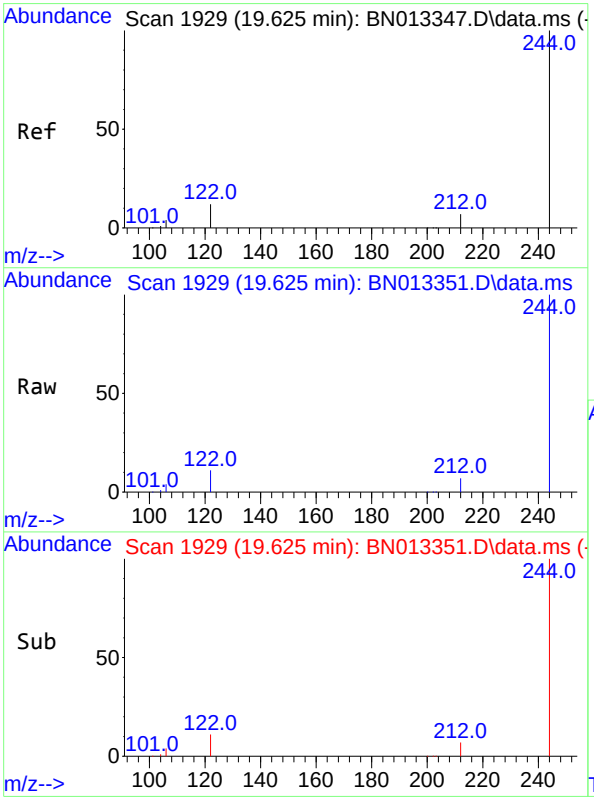


#30
Pyrene
Concen: 4.56 ng
RT: 19.407 min Scan# 1885
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:202 Resp: 453211

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

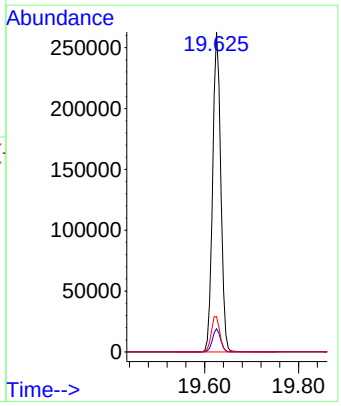




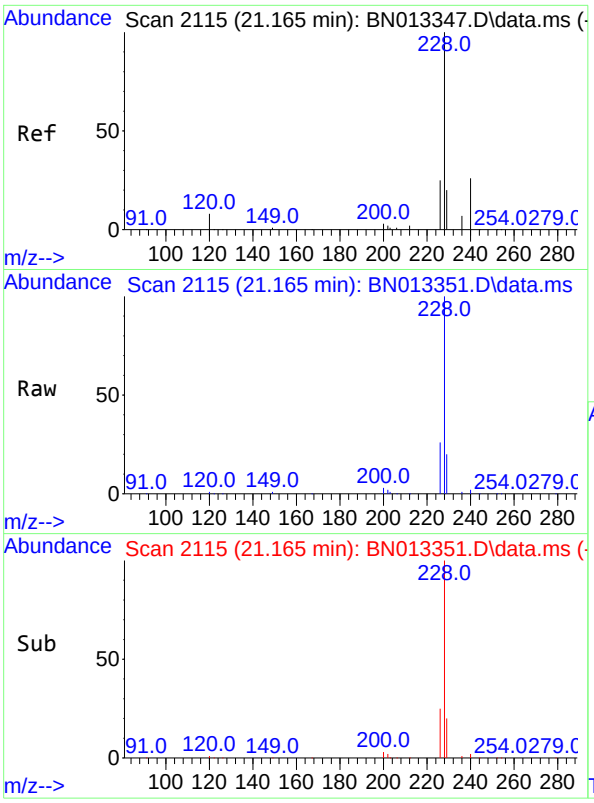
#31
Terphenyl-d14
Concen: 4.90 ng
RT: 19.625 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:244 Resp: 313480

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	11.1	9.8	14.8



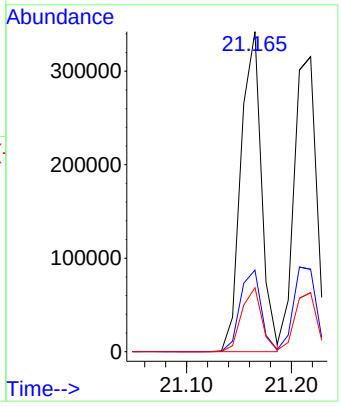
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

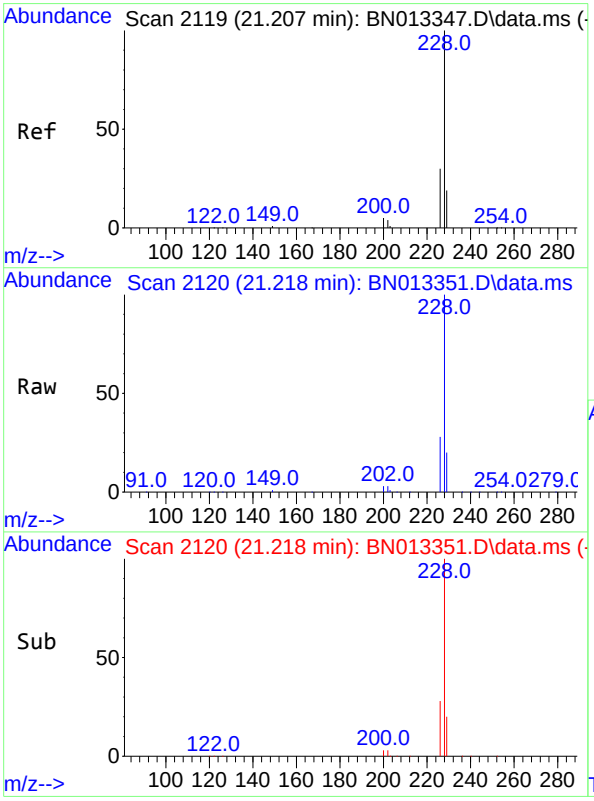


#32
Benzo(a)anthracene
Concen: 5.32 ng
RT: 21.165 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:228 Resp: 463476

Ion	Ratio	Lower	Upper
228	100		
226	25.5	20.5	30.7
229	20.0	16.2	24.4

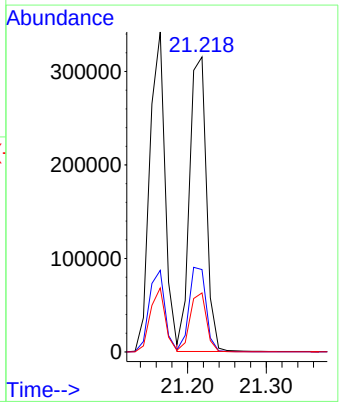




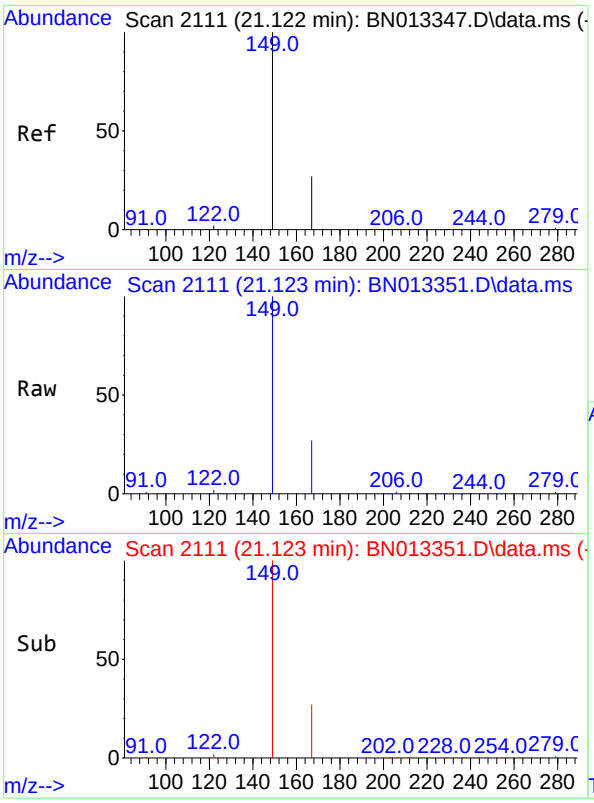
#33
Chrysene
Concen: 4.54 ng
RT: 21.218 min Scan# 2120
Delta R.T. 0.011 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:228 Resp: 467538

Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.3	36.5
229	20.0	15.1	22.7



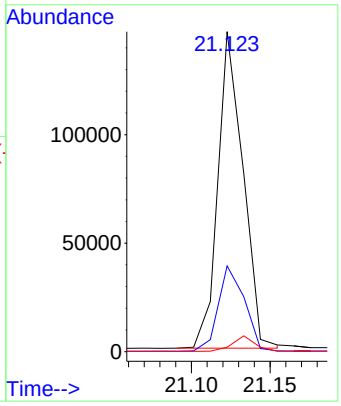
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

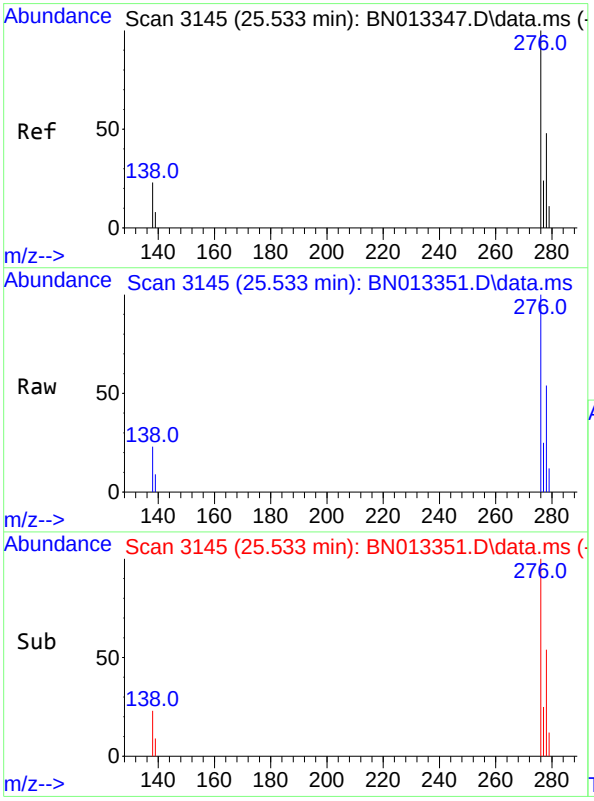


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.15 ng
RT: 21.123 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:149 Resp: 161768

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.1	33.1
279	4.3	3.5	5.3

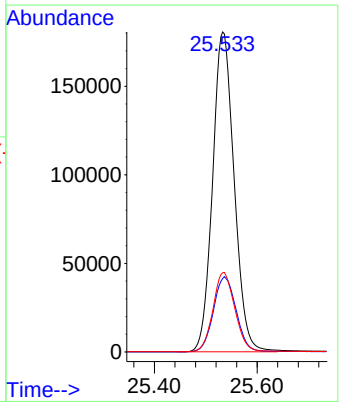




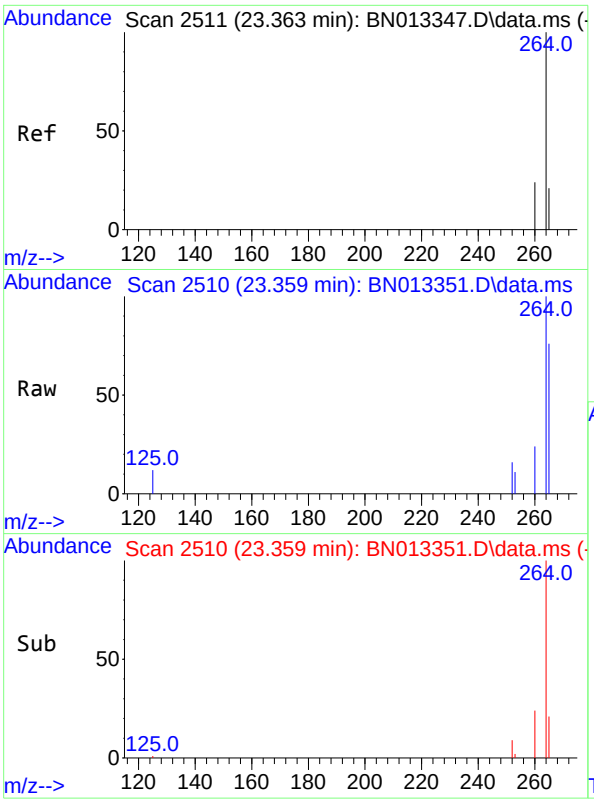
#35
Indeno(1,2,3-cd)pyrene
Concen: 4.57 ng
RT: 25.533 min Scan# 3145
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:276 Resp: 525465

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.8	29.6
277	25.1	19.9	29.9



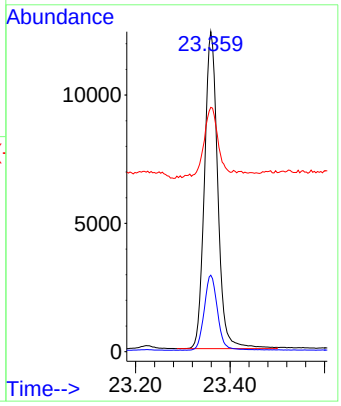
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

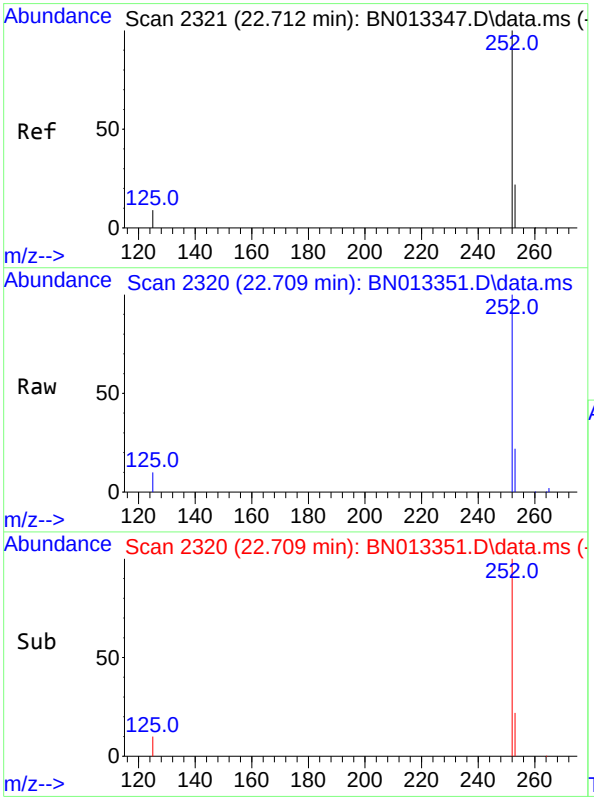


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.359 min Scan# 2510
Delta R.T. -0.003 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:264 Resp: 24100

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	76.4	66.2	99.4

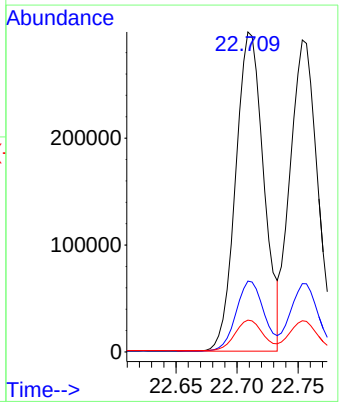




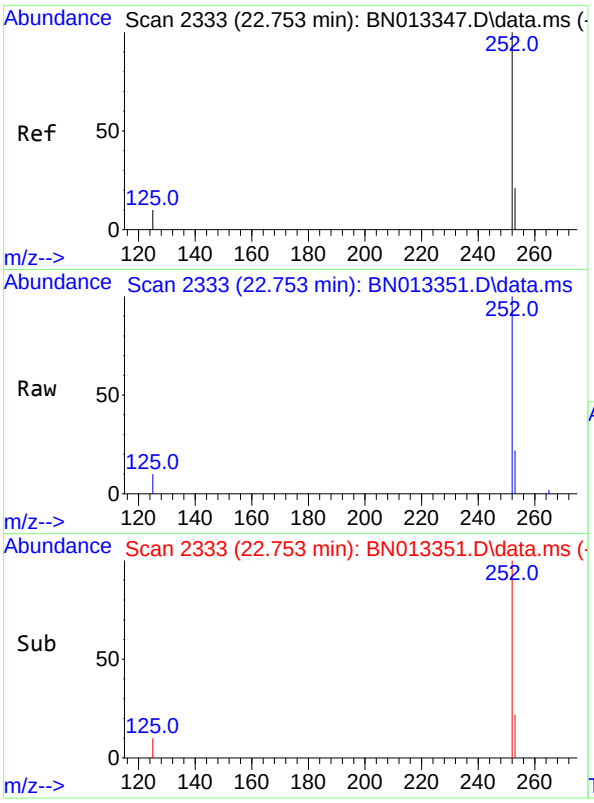
#37
Benzo(b)fluoranthene
Concen: 3.74 ng
RT: 22.709 min Scan# 2320
Delta R.T. -0.003 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:252 Resp: 477449

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.4	30.6
125	9.9	11.6	17.4#



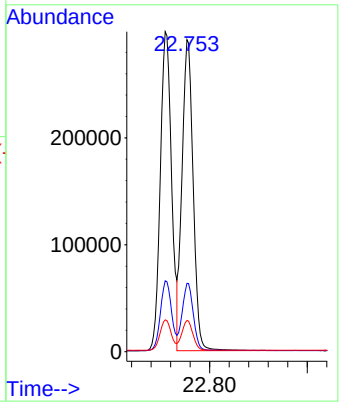
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

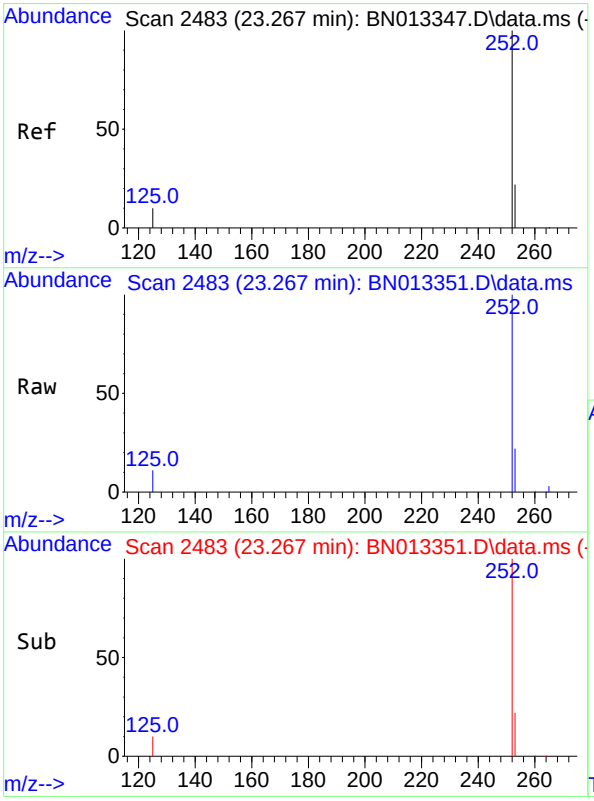


#38
Benzo(k)fluoranthene
Concen: 4.46 ng
RT: 22.753 min Scan# 2333
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:252 Resp: 460348

Ion	Ratio	Lower	Upper
252	100		
253	21.9	20.5	30.7
125	10.0	12.3	18.5#

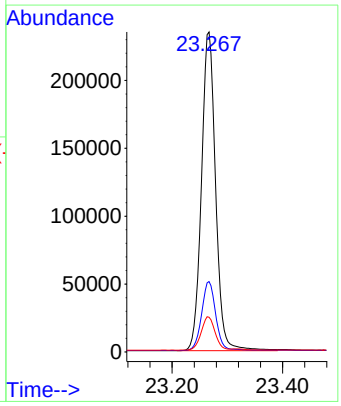


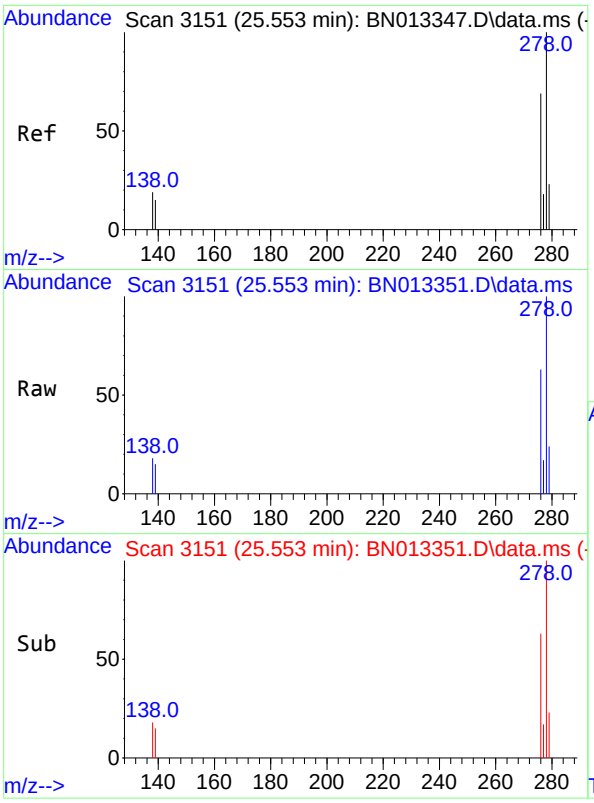


#39
Benzo(a)pyrene
Concen: 4.88 ng
RT: 23.267 min Scan# 2483
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:252 Resp: 417746

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.8	32.6
125	10.8	14.6	21.8#

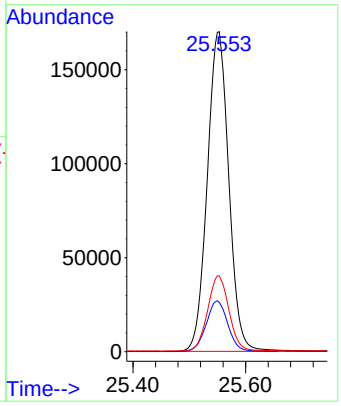


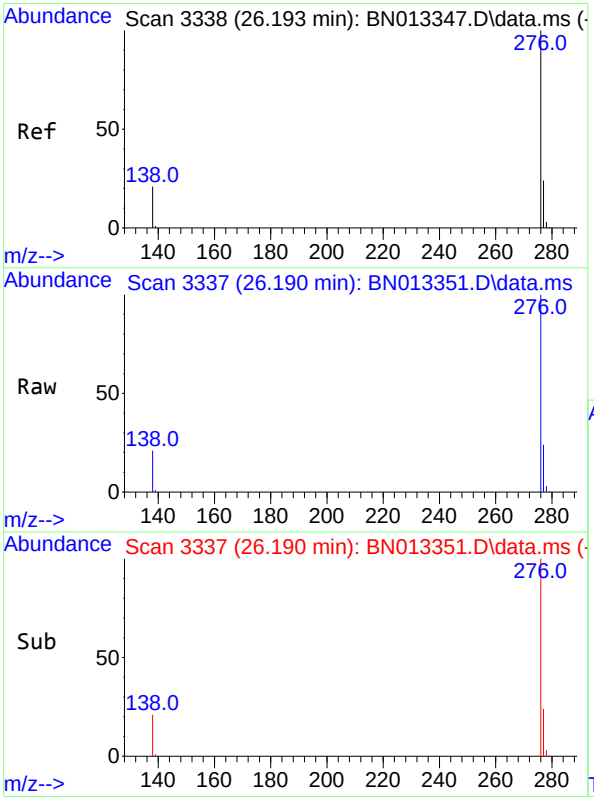


#40
Dibenzo(a,h)anthracene
Concen: 5.04 ng
RT: 25.553 min Scan# 3151
Delta R.T. 0.000 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:278 Resp: 449941

Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.1	19.7
279	23.7	21.4	32.0

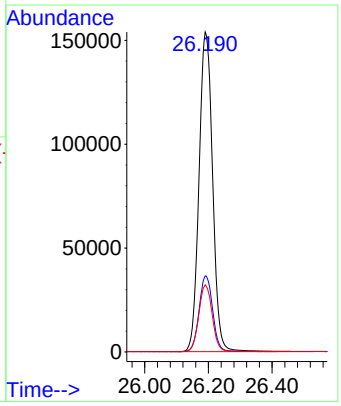




#41
Benzo(g,h,i)perylene
Concen: 4.51 ng
RT: 26.190 min Scan# 3337
Delta R.T. -0.003 min
Lab File: BN013351.D
Acq: 07 Jan 2021 15:53

Tgt Ion:276 Resp: 455387

Ion	Ratio	Lower	Upper
276	100		
277	23.8	20.0	30.0
138	21.0	17.8	26.8



Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0