Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014774.D
Acq On : 26 May 2021 20:33
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: May 27 00:58:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	760	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2647	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	2104	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	5203	0.40	ng	#	0.00
29) Chrysene-d12	21.314	240	7843	0.40	ng		0.00
35) Perylene-d12	23.578	264	7363	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	9106	4.53	ng		0.00
5) Phenol-d6	6.895	99	13375	4.99	ng		0.00
8) Nitrobenzene-d5	8.857	82	12324	5.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.093	152	25275	3.92	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	7429	7.59	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	36332	4.72	ng		-0.01
27) Fluoranthene-d10	19.153	212	97127	4.18	ng		0.00
31) Terphenyl-d14	19.754	244	88143	4.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	4259	4.22	ng	#	90
3) n-Nitrosodimethylamine	3.593	42	1809	4.75	ng	#	5
6) bis(2-Chloroethyl)ether	7.144	93	10812	4.87	ng		98
9) Naphthalene	10.543	128	35246	5.04	ng	#	89
10) Hexachlorobutadiene	10.834	225	9010	5.35	ng	#	100
12) 2-Methylnaphthalene	12.168	142	26840	5.28	ng		97
16) Acenaphthylene	14.080	152	44549	5.75	ng		98
17) Acenaphthene	14.422	154	30156	5.27	ng		94
18) Fluorene	15.412	166	40690	5.28	ng		98
21) 4-Bromophenyl-phenylether	16.313	248	17507	5.49	ng	#	83
22) Hexachlorobenzene	16.422	284	18949	5.61	ng		99
23) Atrazine	16.581	200	13056	6.45	ng	#	88
25) Phenanthrene	17.153	178	74069	5.19	ng		99
26) Anthracene	17.250	178	68405	5.71	ng		97
28) Fluoranthene	19.183	202	104208	5.51	ng		99
30) Pyrene	19.546	202	105902	4.92	ng		99
32) Benzo(a)anthracene	21.292	228	121900	5.35	ng		99
33) Chrysene	21.345	228	122646	5.14	ng		98
34) Bis(2-ethylhexyl)phtha...	21.239	149	36292	5.73	ng		95
36) Indeno(1,2,3-cd)pyrene	25.861	276	157839	5.33	ng		100
37) Benzo(b)fluoranthene	22.894	252	134032	5.33	ng	#	91
38) Benzo(k)fluoranthene	22.941	252	137672	5.29	ng	#	90
39) Benzo(a)pyrene	23.475	252	120214	5.66	ng	#	84
40) Dibenzo(a,h)anthracene	25.875	278	133943	5.29	ng	#	91
41) Benzo(g,h,i)perylene	26.553	276	133907	5.55	ng		95

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

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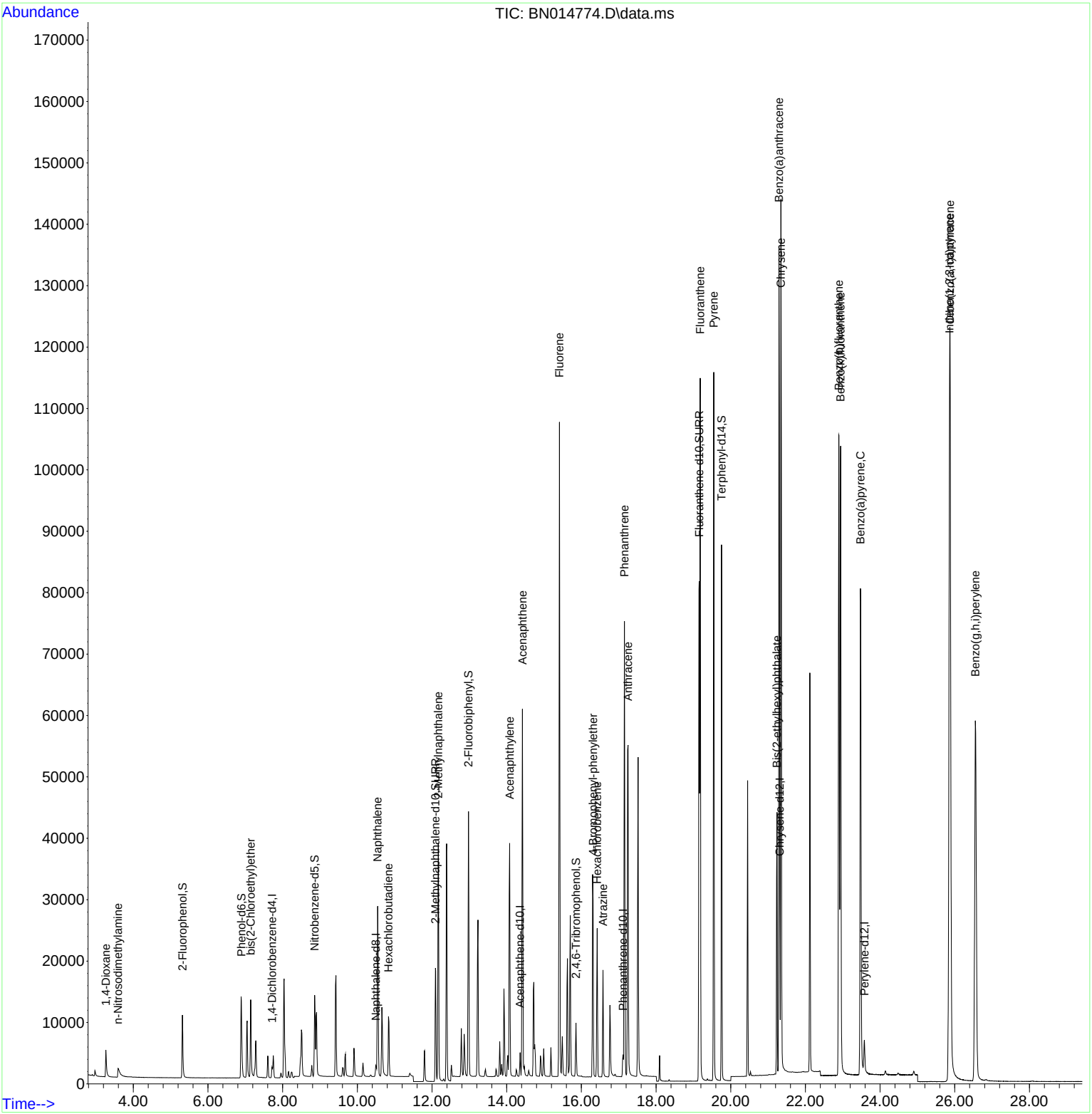
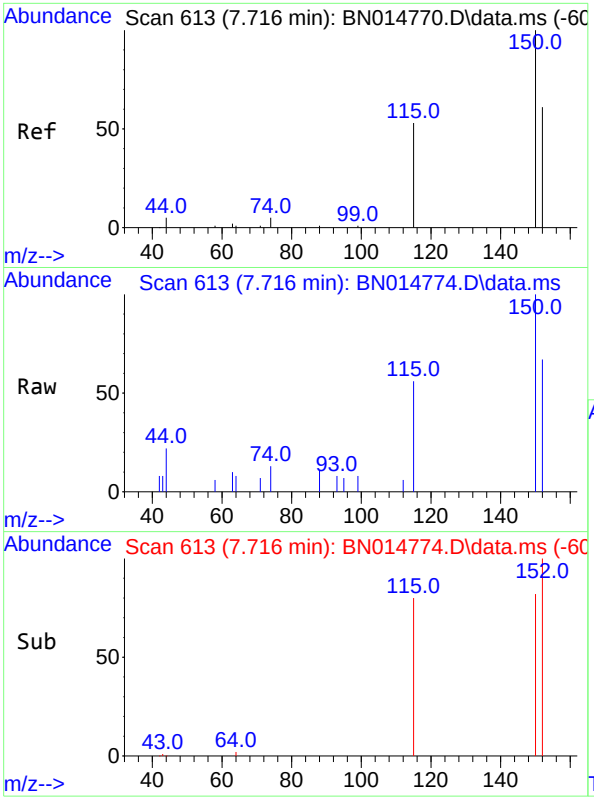
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014774.D
Acq On : 26 May 2021 20:33
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 27 00:58:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration



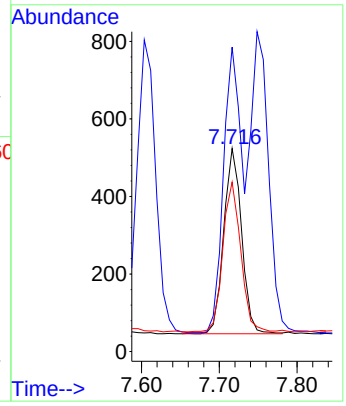
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

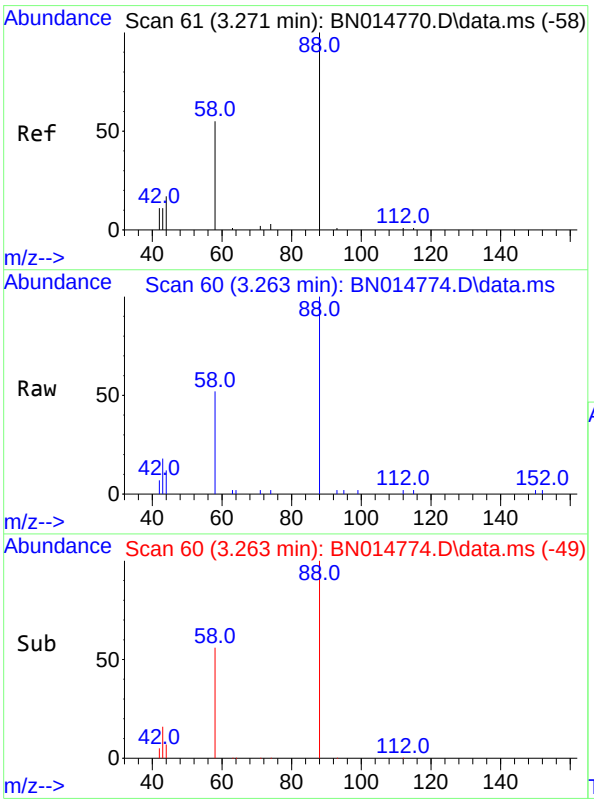


#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.716 min Scan# 613
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:152 Resp: 760

Ion	Ratio	Lower	Upper
152	100		
150	149.8	123.4	185.2
115	83.4	73.2	109.8

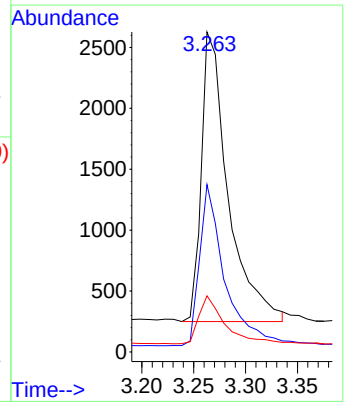




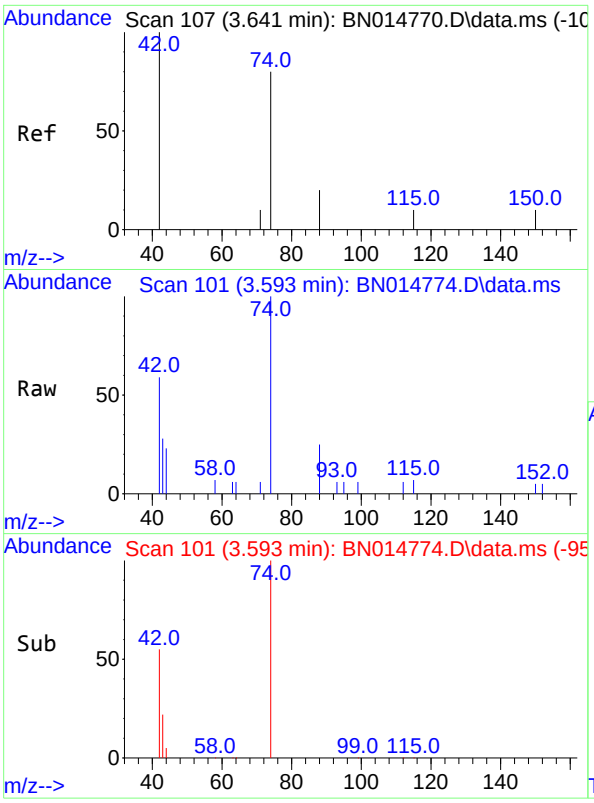
#2
1,4-Dioxane
Concen: 4.22 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion: 88 Resp: 4259

Ion	Ratio	Lower	Upper
88	100		
58	52.4	44.7	67.1
43	16.1	21.0	31.6#



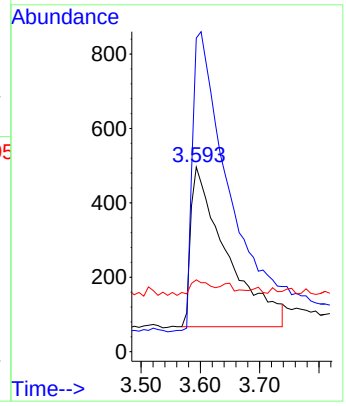
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

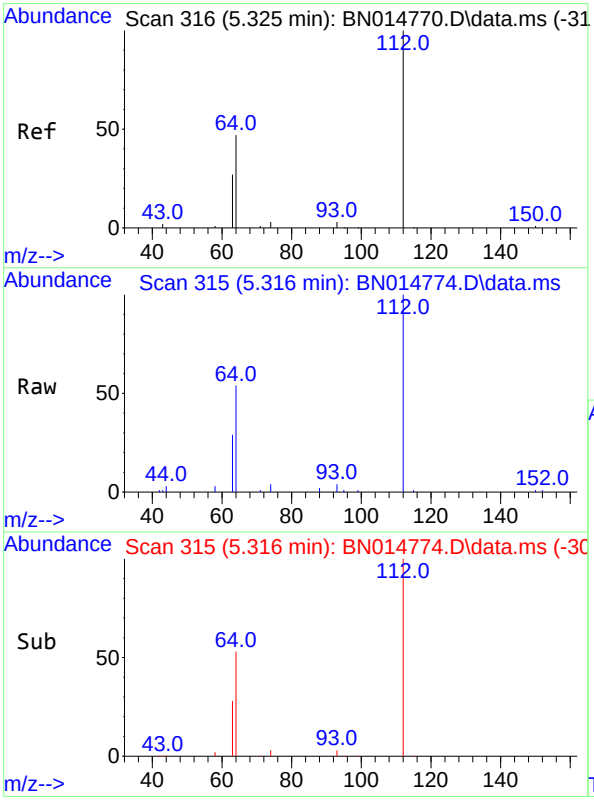


#3
n-Nitrosodimethylamine
Concen: 4.75 ng
RT: 3.593 min Scan# 101
Delta R.T. -0.048 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion: 42 Resp: 1809

Ion	Ratio	Lower	Upper
42	100		
74	194.7	0.0	0.0#
44	5.4	80.0	120.0#

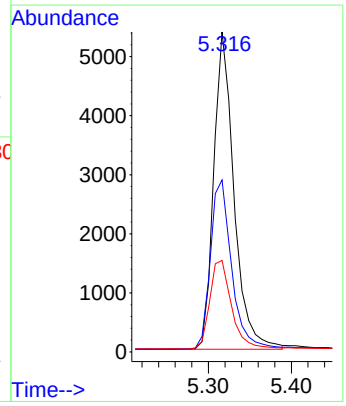




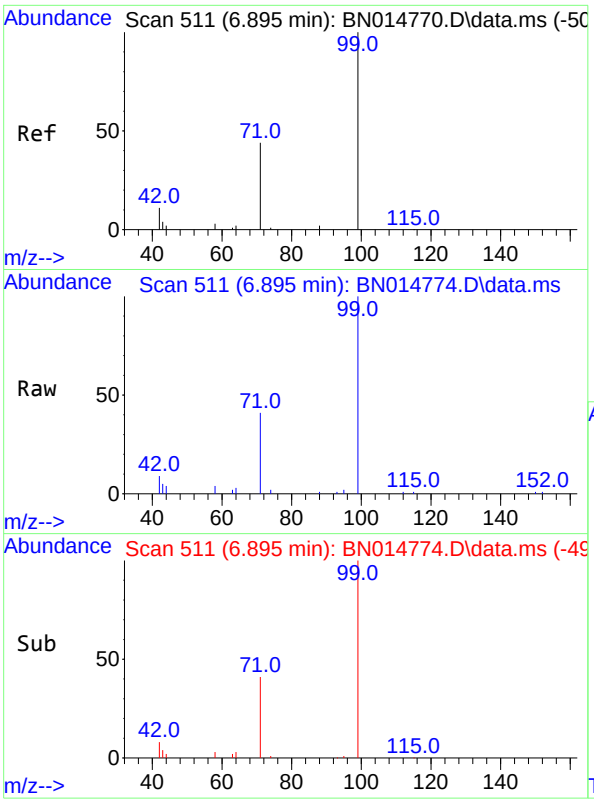
#4
2-Fluorophenol
Concen: 4.53 ng
RT: 5.316 min Scan# 315
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:112 Resp: 9106

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.6	65.4
63	29.9	25.0	37.6



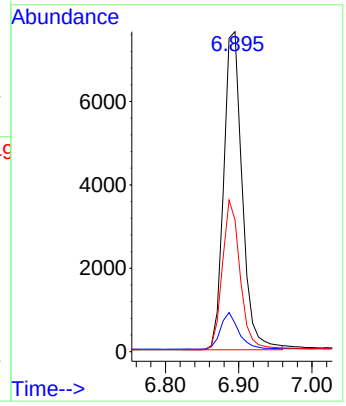
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

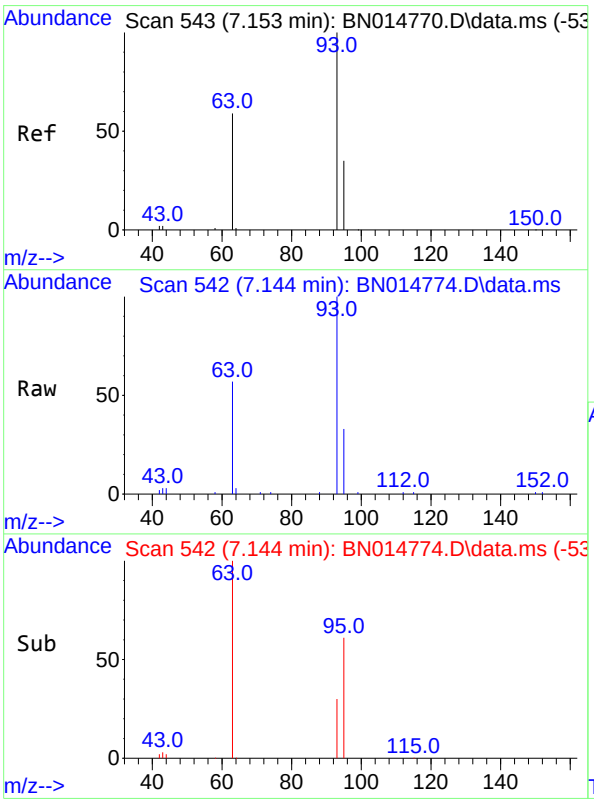


#5
Phenol-d6
Concen: 4.99 ng
RT: 6.895 min Scan# 511
Delta R.T. -0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion: 99 Resp: 13375

Ion	Ratio	Lower	Upper
99	100		
42	11.4	10.2	15.2
71	45.1	32.4	48.6

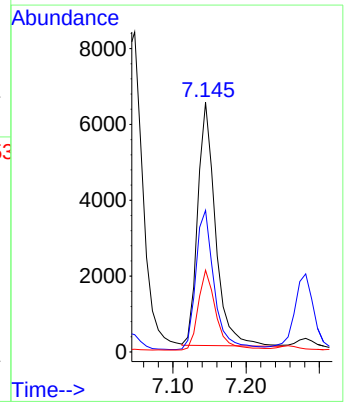




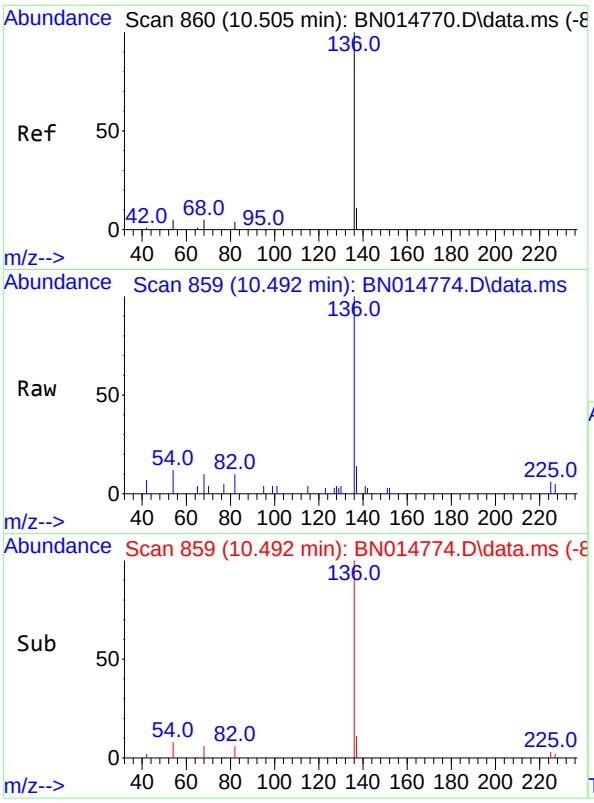
#6
bis(2-Chloroethyl)ether
Concen: 4.87 ng
RT: 7.144 min Scan# 542
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion: 93 Resp: 10812

Ion	Ratio	Lower	Upper
93	100		
63	59.6	47.5	71.3
95	33.1	28.5	42.7



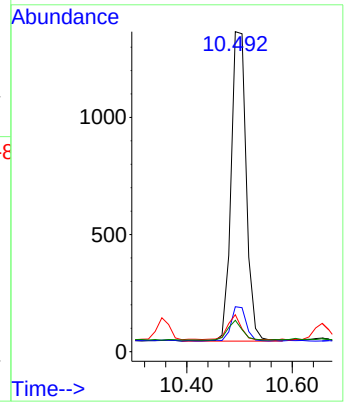
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

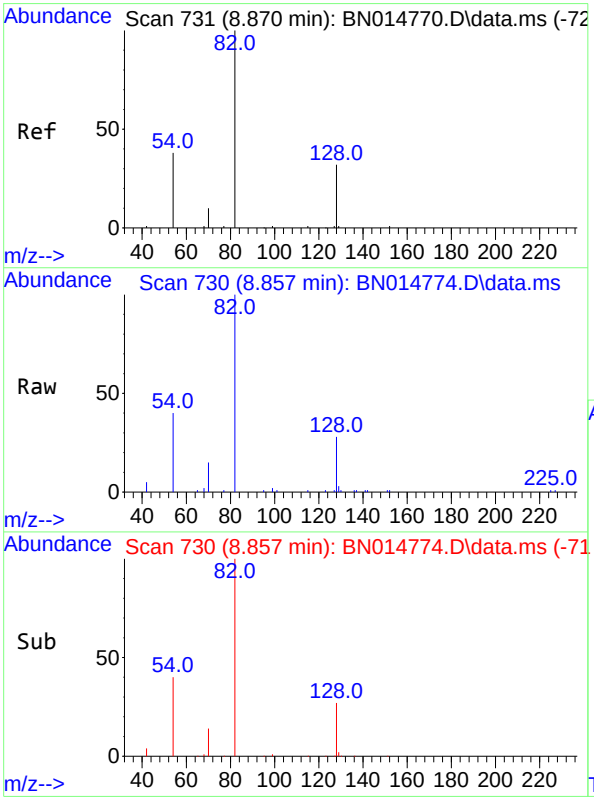


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.492 min Scan# 859
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:136 Resp: 2647

Ion	Ratio	Lower	Upper
136	100		
137	14.1	13.2	19.8
54	11.6	9.0	13.4
68	9.8	8.8	13.2

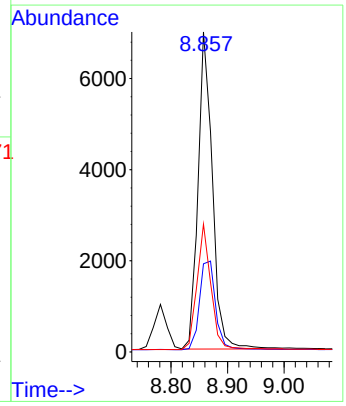




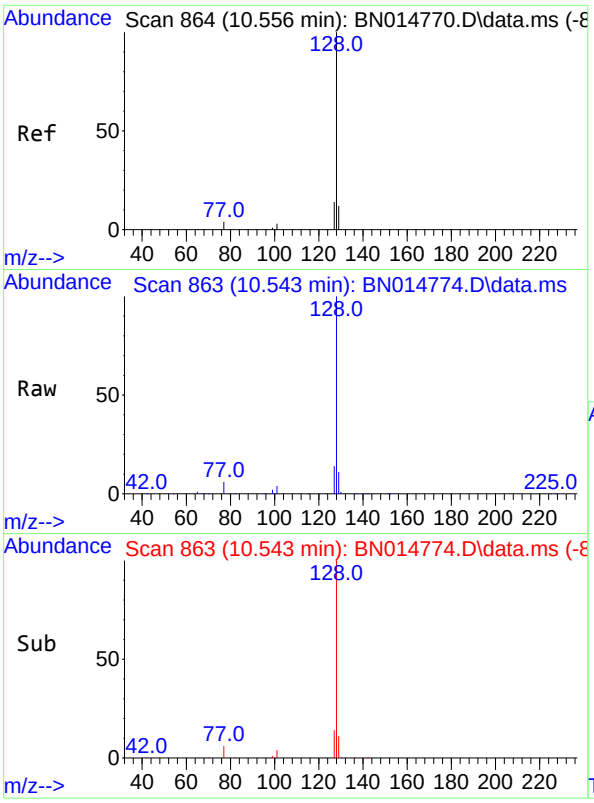
#8
Nitrobenzene-d5
Concen: 5.39 ng
RT: 8.857 min Scan# 730
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion: 82 Resp: 12324

Ion	Ratio	Lower	Upper
82	100		
128	27.6	34.2	51.2#
54	39.9	38.4	57.6



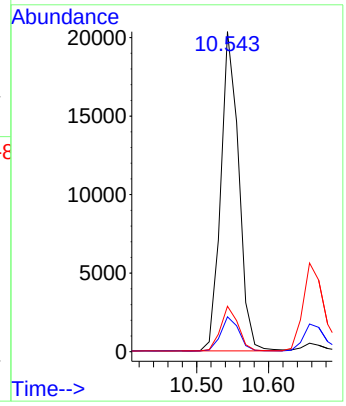
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

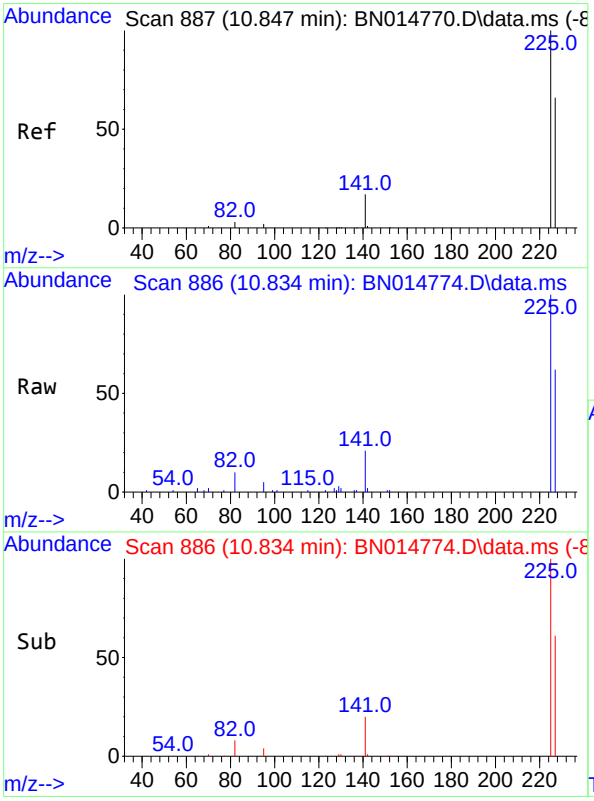


#9
Naphthalene
Concen: 5.04 ng
RT: 10.543 min Scan# 863
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:128 Resp: 35246

Ion	Ratio	Lower	Upper
128	100		
129	10.9	13.0	19.4#
127	14.2	15.0	22.6#

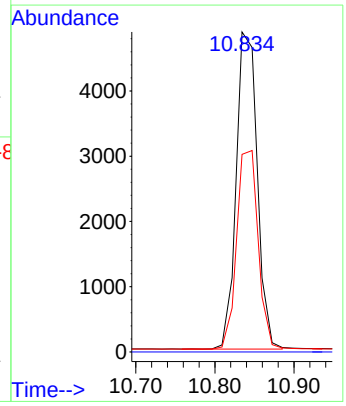




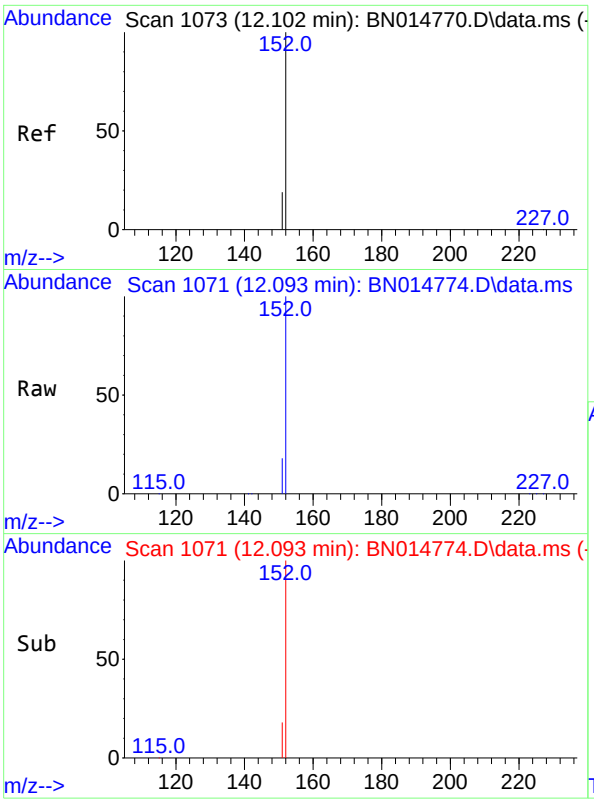
#10
Hexachlorobutadiene
Concen: 5.35 ng
RT: 10.834 min Scan# 886
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:225 Resp: 9010

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2



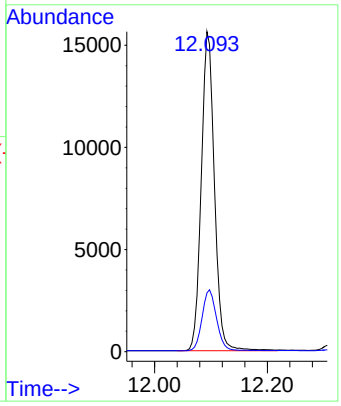
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

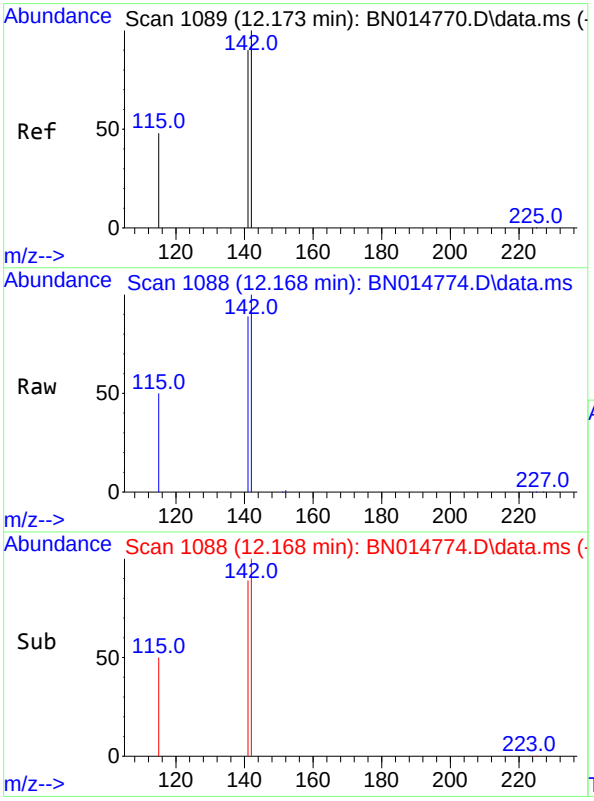


#11
2-Methylnaphthalene-d10
Concen: 3.92 ng
RT: 12.093 min Scan# 1071
Delta R.T. -0.009 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:152 Resp: 25275

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.8	25.2

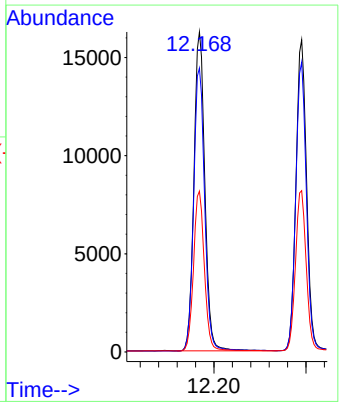




#12
2-Methylnaphthalene
Concen: 5.28 ng
RT: 12.168 min Scan# 1088
Delta R.T. -0.005 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:142 Resp: 26840

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.9	109.3
115	50.3	41.8	62.6



Instrument :
BNA_N
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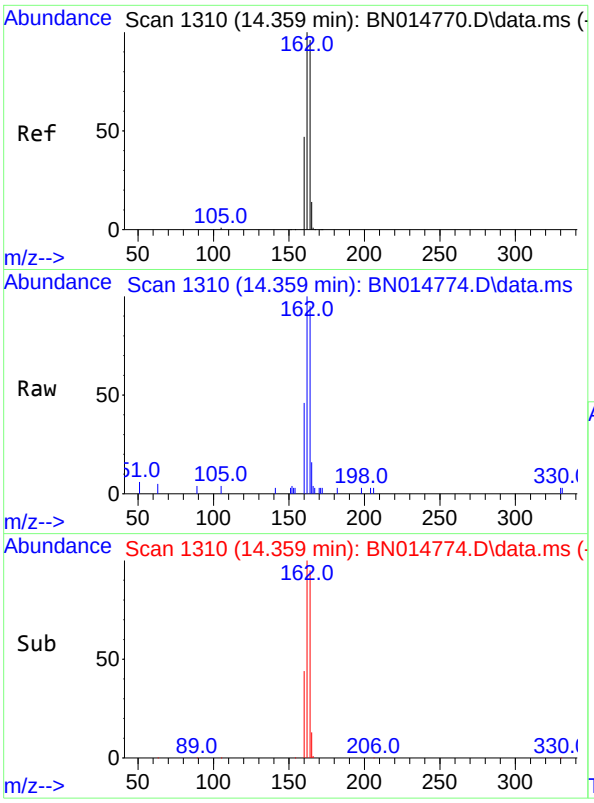
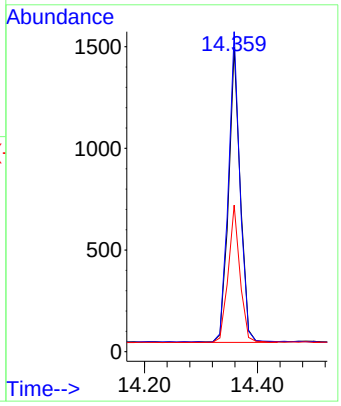
SSTDICC5.0

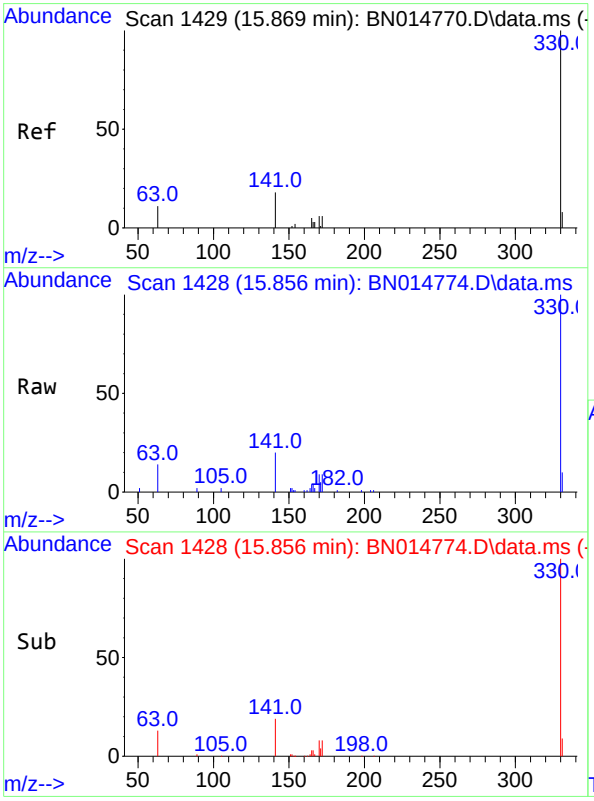


#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.359 min Scan# 1310
Delta R.T. -0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:164 Resp: 2104

Ion	Ratio	Lower	Upper
164	100		
162	105.1	83.2	124.8
160	48.2	41.8	62.6

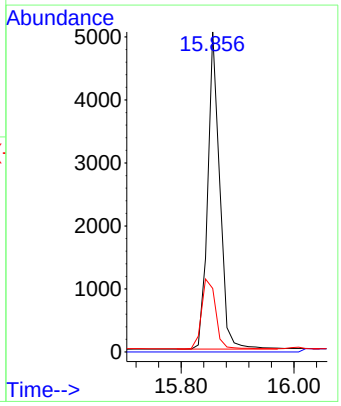




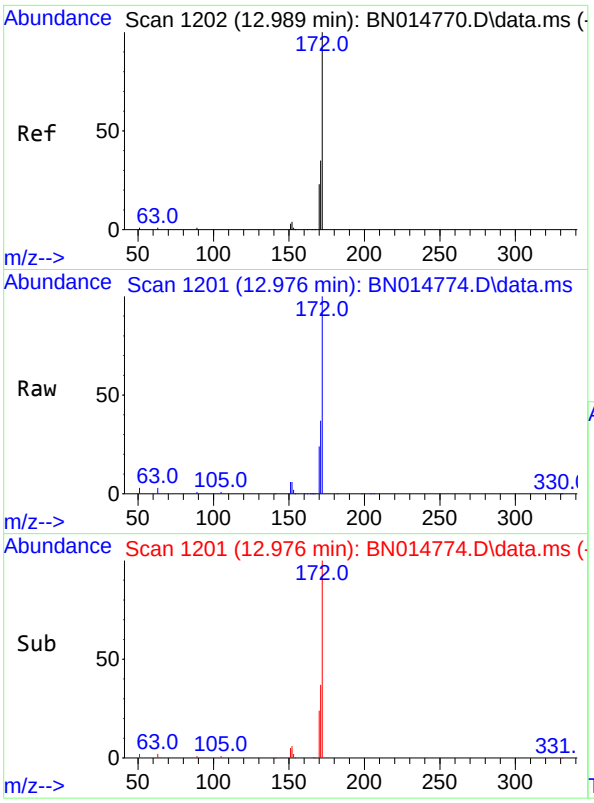
#14
2,4,6-Tribromophenol
Concen: 7.59 ng
RT: 15.856 min Scan# 1428
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:330 Resp: 7429

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.9	21.8	32.6



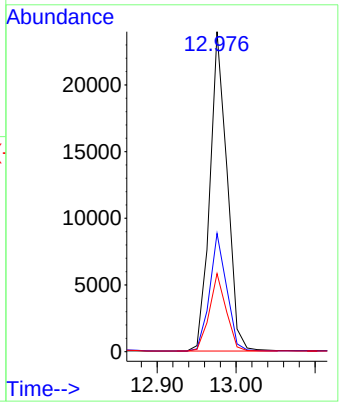
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

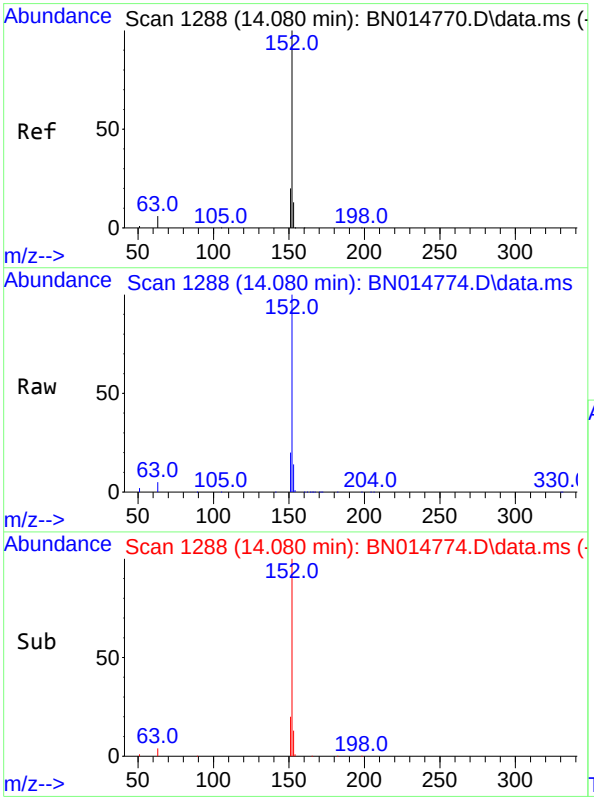


#15
2-Fluorobiphenyl
Concen: 4.72 ng
RT: 12.976 min Scan# 1201
Delta R.T. -0.013 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:172 Resp: 36332

Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.9	46.3
170	24.4	21.4	32.0

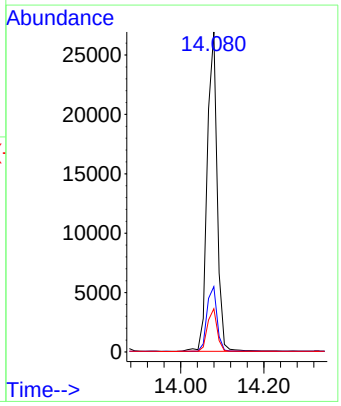




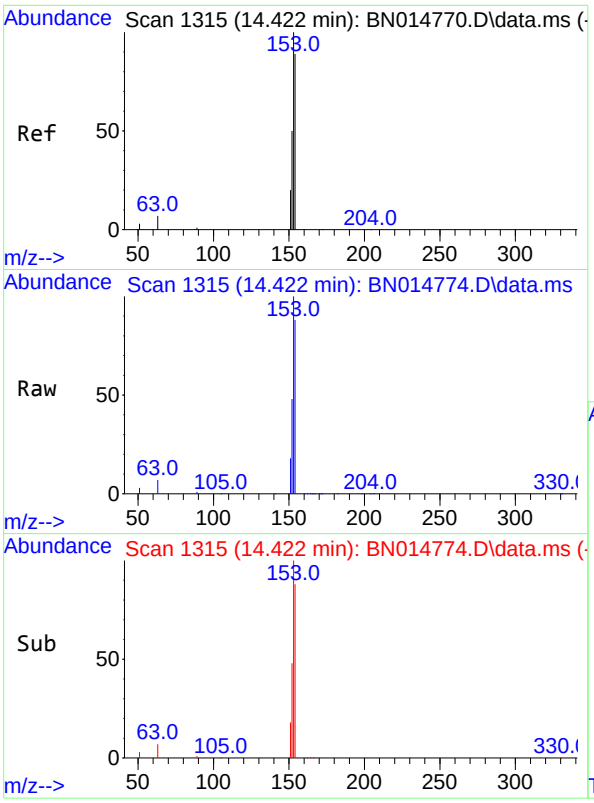
#16
Acenaphthylene
Concen: 5.75 ng
RT: 14.080 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:152 Resp: 44549

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.1	25.7
153	13.3	9.9	14.9



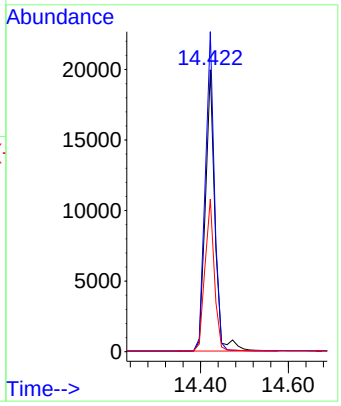
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

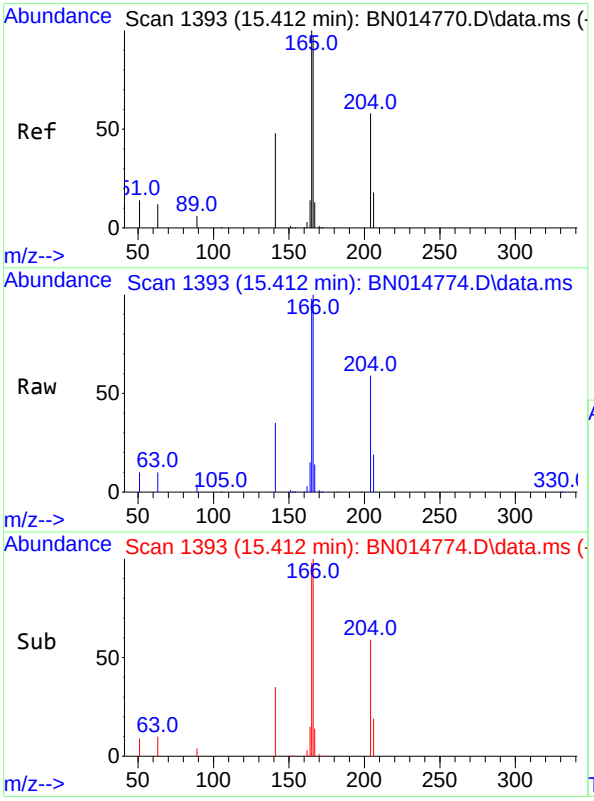


#17
Acenaphthene
Concen: 5.27 ng
RT: 14.422 min Scan# 1315
Delta R.T. -0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:154 Resp: 30156

Ion	Ratio	Lower	Upper
154	100		
153	108.9	91.8	137.8
152	52.9	46.0	69.0

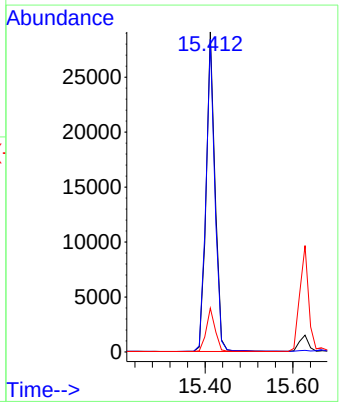




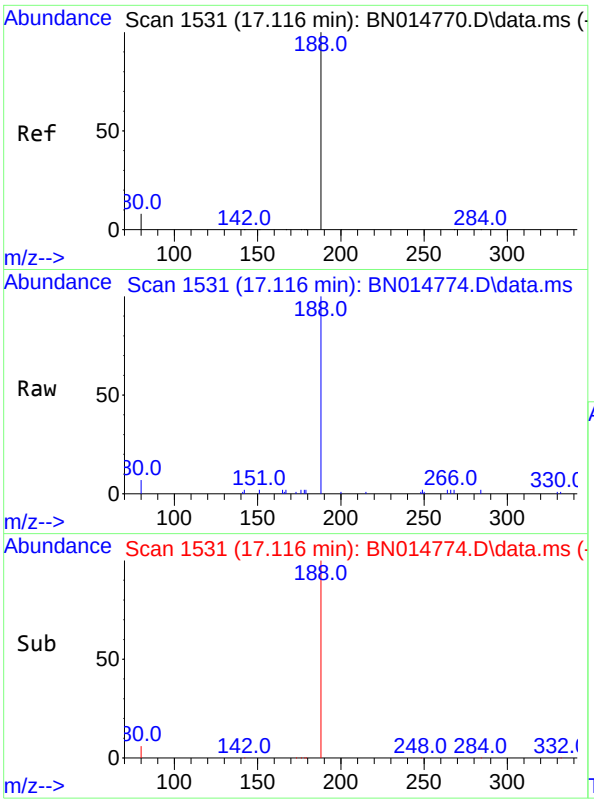
#18
Fluorene
Concen: 5.28 ng
RT: 15.412 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:166 Resp: 40690

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.9	119.9
167	13.6	10.5	15.7



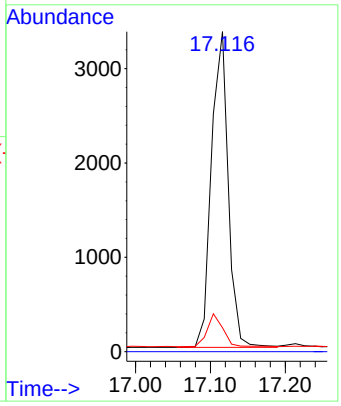
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

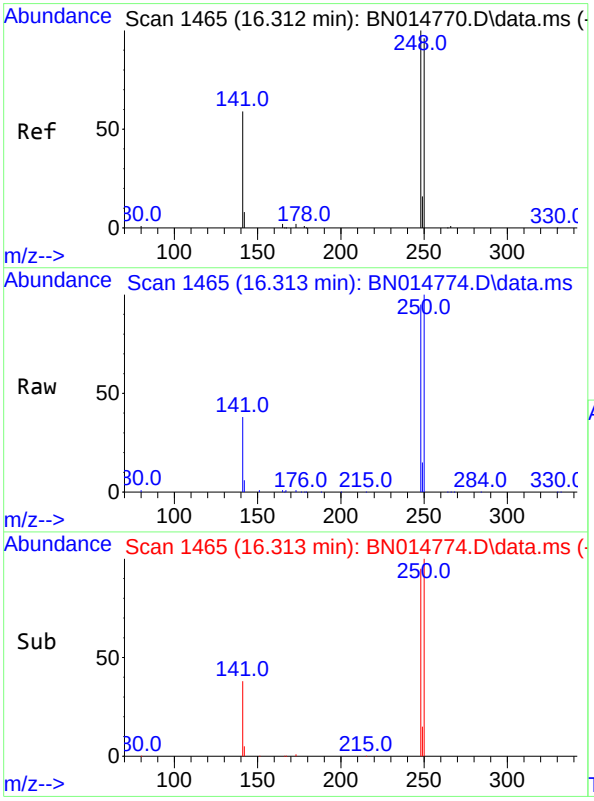


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.116 min Scan# 1531
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:188 Resp: 5203

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	8.2	12.4#

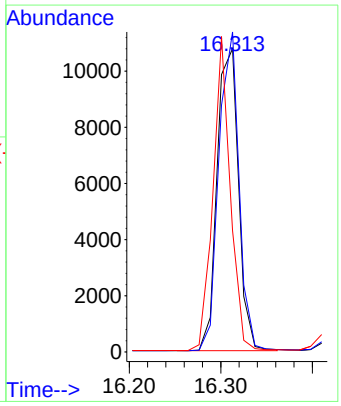




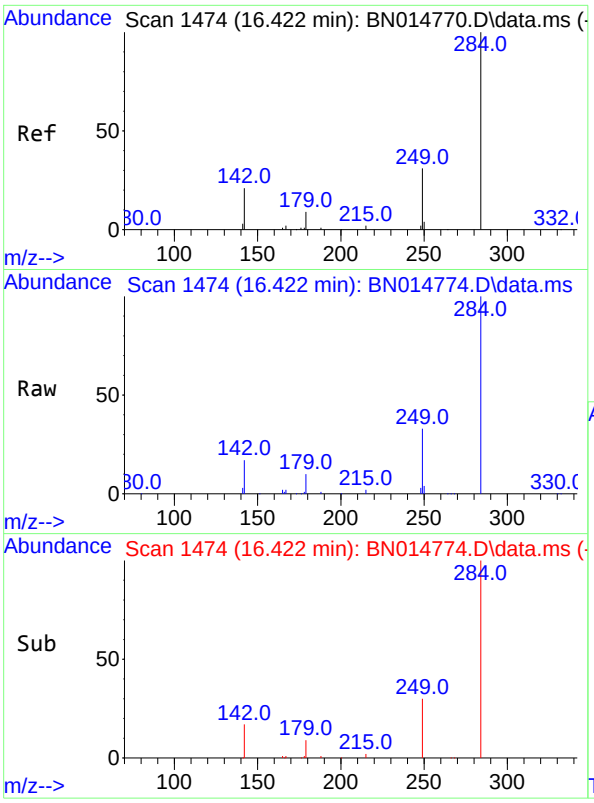
#21
4-Bromophenyl-phenylether
Concen: 5.49 ng
RT: 16.313 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:248 Resp: 17507

Ion	Ratio	Lower	Upper
248	100		
250	105.5	77.5	116.3
141	40.0	50.2	75.4#



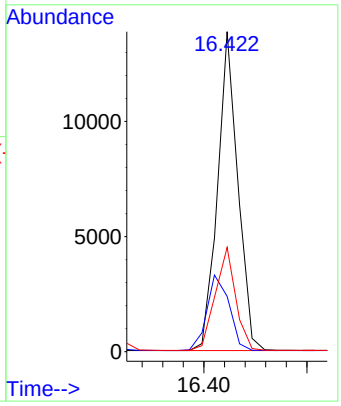
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

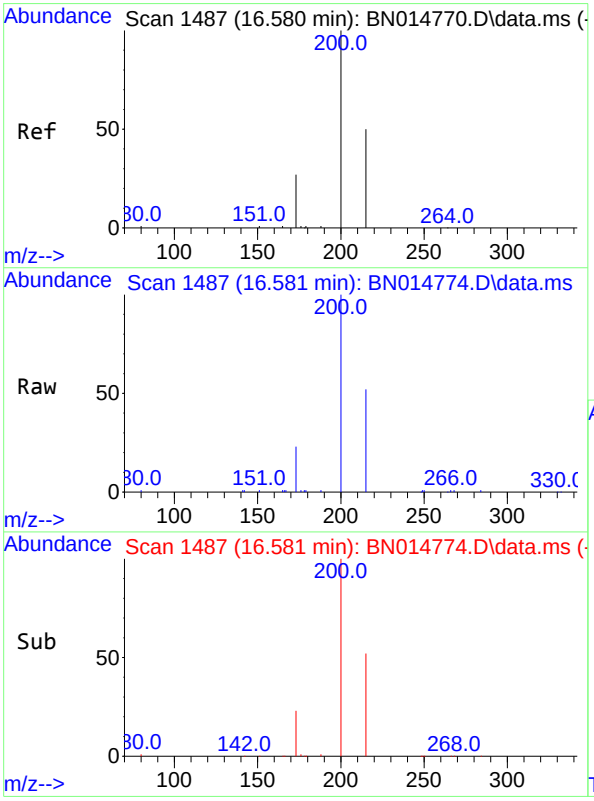


#22
Hexachlorobenzene
Concen: 5.61 ng
RT: 16.422 min Scan# 1474
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:284 Resp: 18949

Ion	Ratio	Lower	Upper
284	100		
142	26.0	20.3	30.5
249	32.5	26.4	39.6

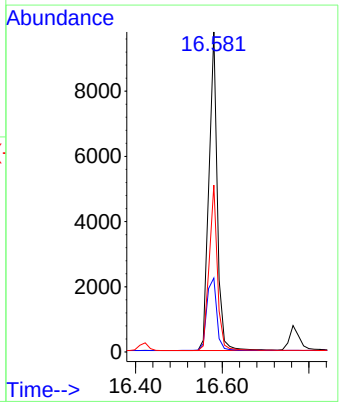




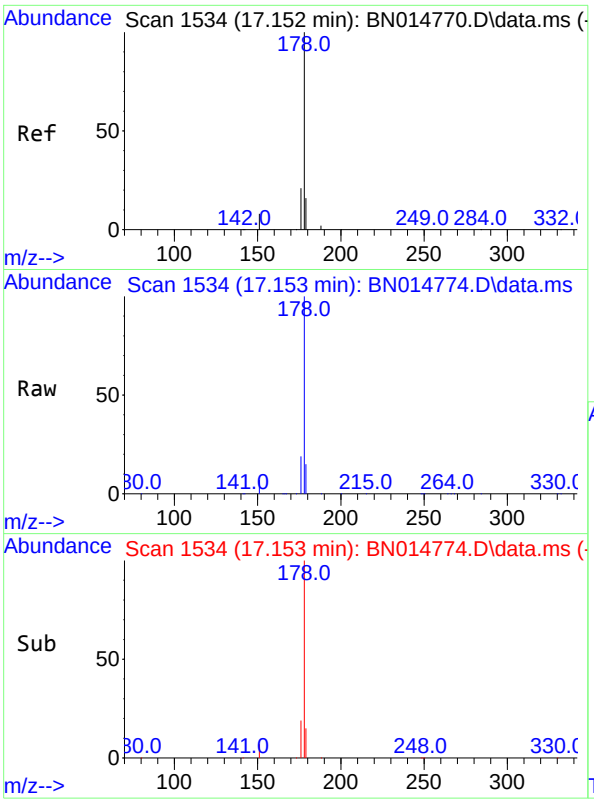
#23
Atrazine
Concen: 6.45 ng
RT: 16.581 min Scan# 1487
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:200 Resp: 13056

Ion	Ratio	Lower	Upper
200	100		
173	23.1	29.1	43.7#
215	52.1	45.1	67.7



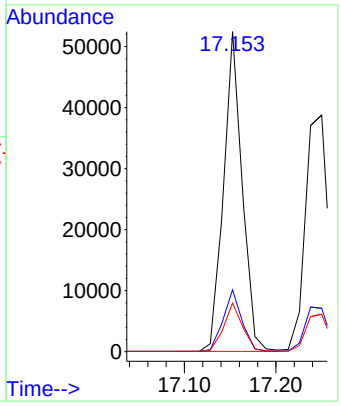
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

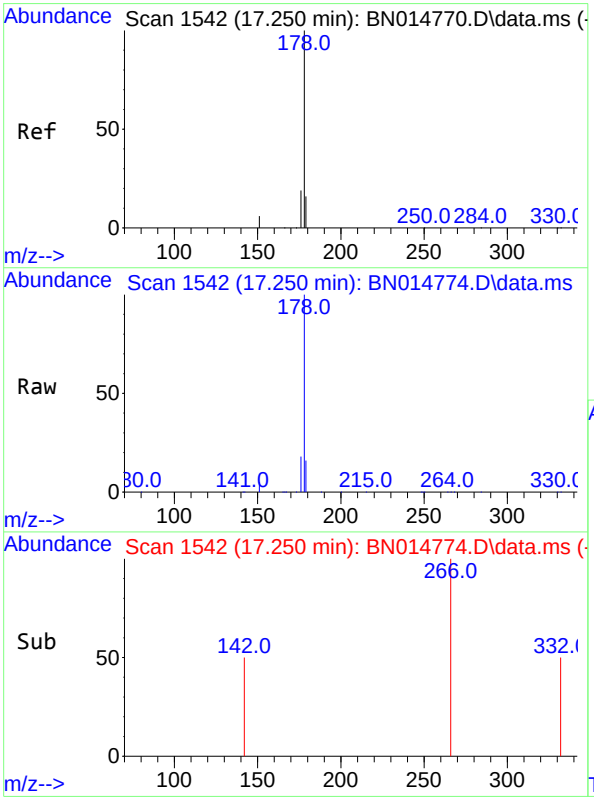


#25
Phenanthrene
Concen: 5.19 ng
RT: 17.153 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:178 Resp: 74069

Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.0	24.0
179	15.2	12.6	19.0

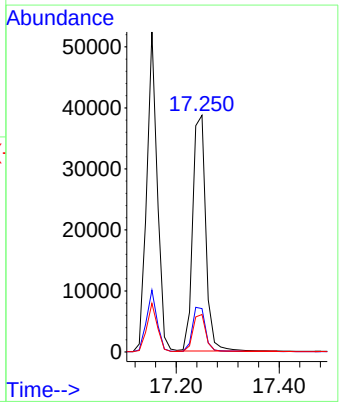


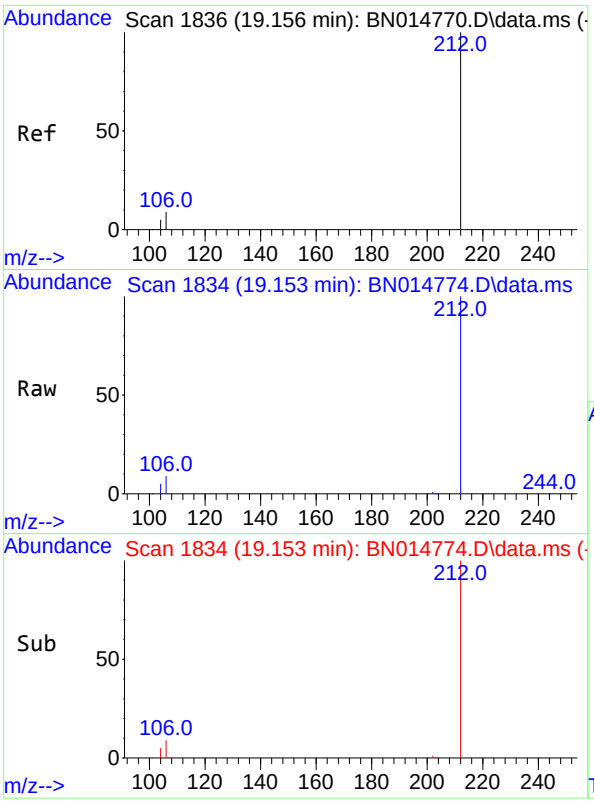


#26
Anthracene
Concen: 5.71 ng
RT: 17.250 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:178 Resp: 68405

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.2	21.2
179	15.6	13.7	20.5

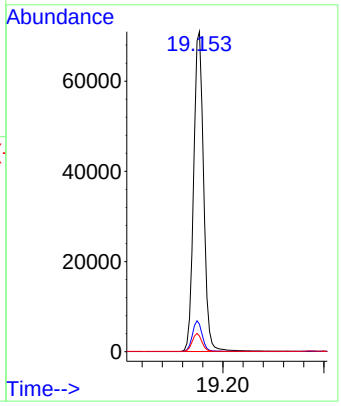




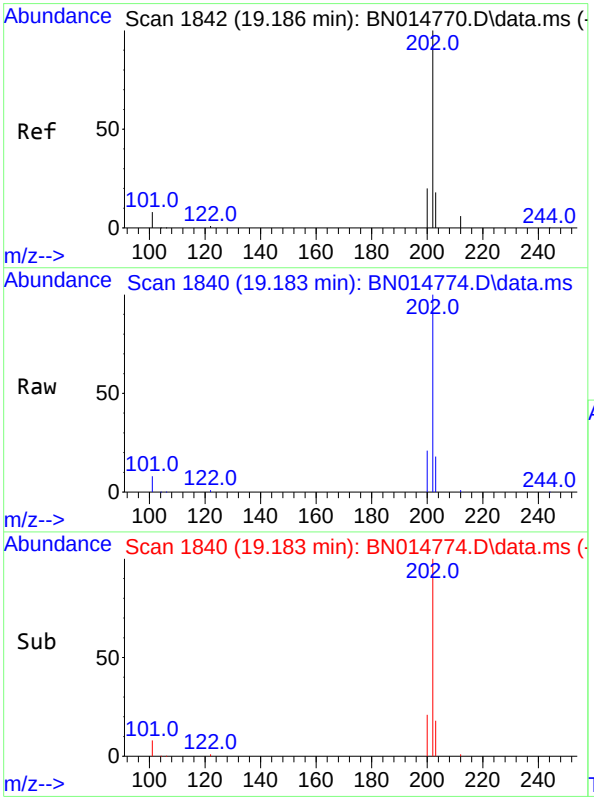
#27
Fluoranthene-d10
Concen: 4.18 ng
RT: 19.153 min Scan# 1834
Delta R.T. -0.002 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:212 Resp: 97127

Ion	Ratio	Lower	Upper
212	100		
106	9.4	7.4	11.2
104	5.5	4.1	6.1



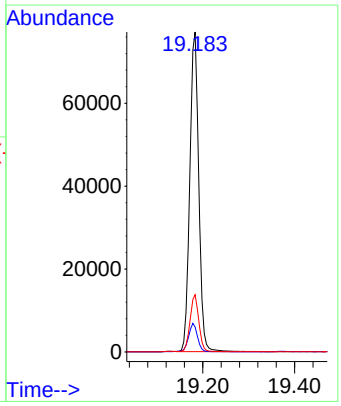
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0



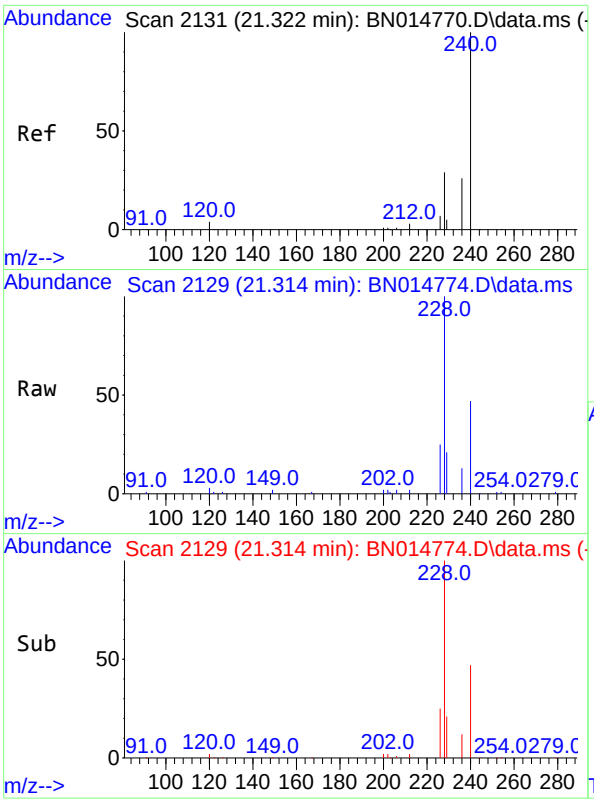
#28
Fluoranthene
Concen: 5.51 ng
RT: 19.183 min Scan# 1840
Delta R.T. -0.002 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:202 Resp: 104208

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.6
203	17.6	13.5	20.3



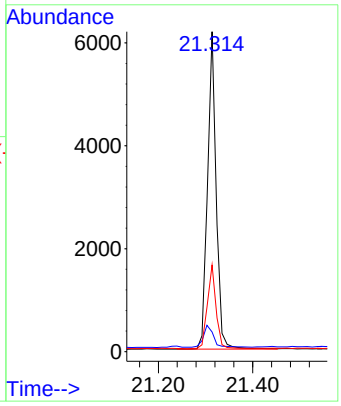
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

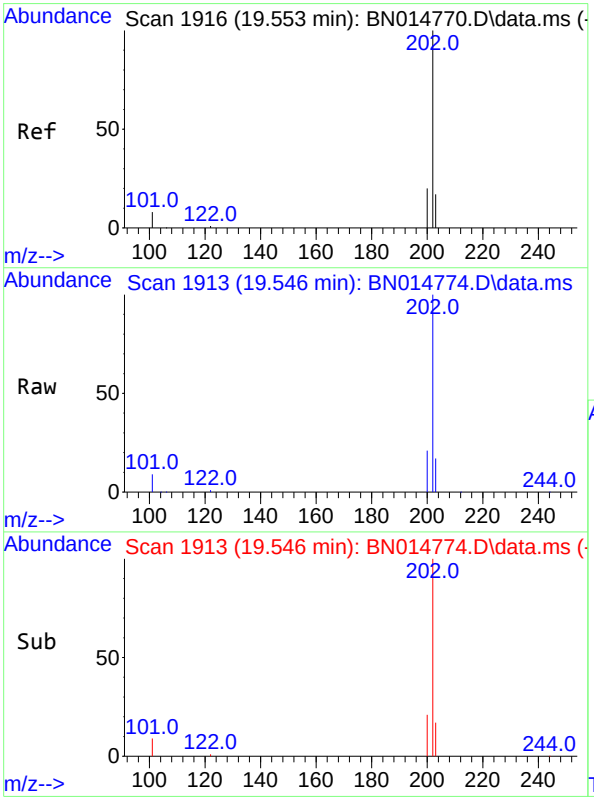


#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.314 min Scan# 2129
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:240 Resp: 7843

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.2	7.8
236	27.1	21.6	32.4

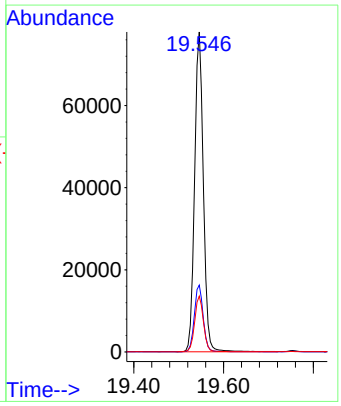




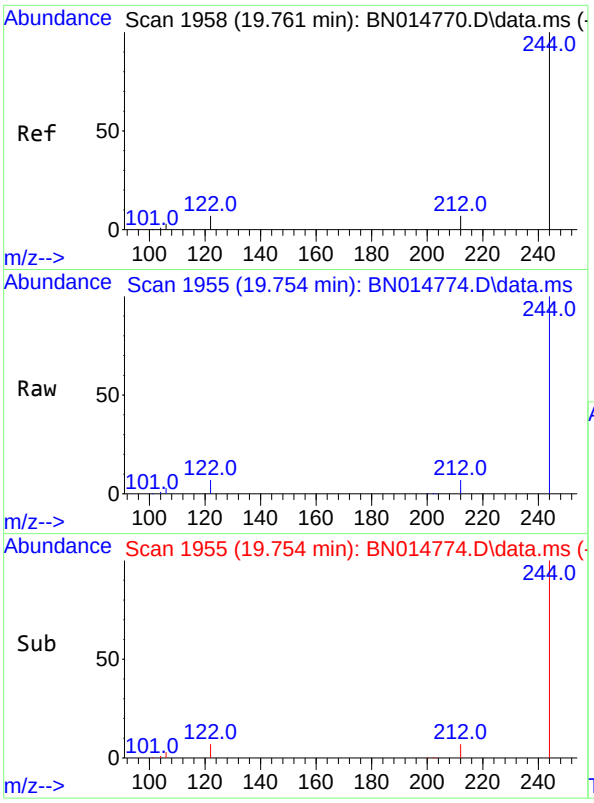
#30
Pyrene
Concen: 4.92 ng
RT: 19.546 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:202 Resp: 105902

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.6	24.8
203	17.6	13.9	20.9



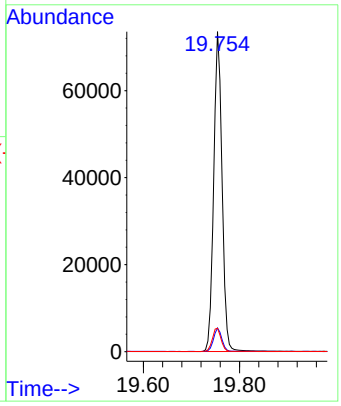
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

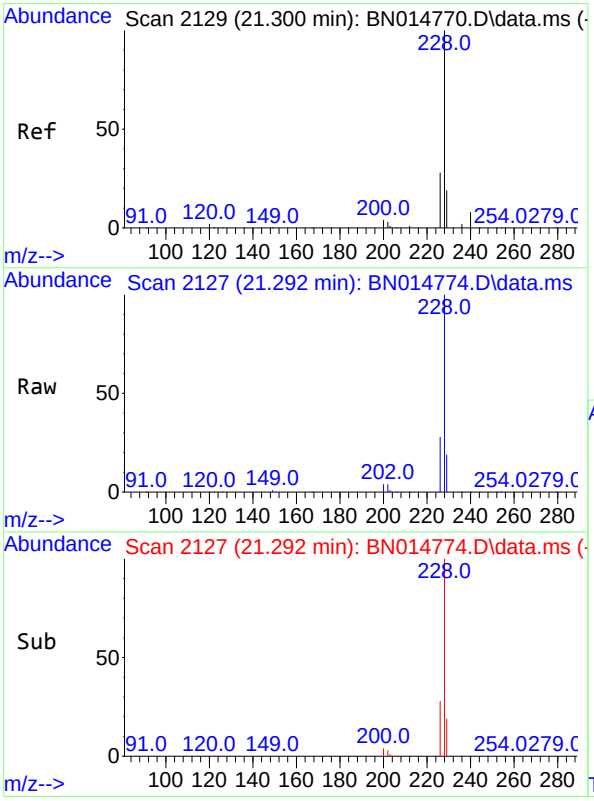


#31
Terphenyl-d14
Concen: 4.76 ng
RT: 19.754 min Scan# 1955
Delta R.T. -0.007 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:244 Resp: 88143

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.8	10.2
122	7.3	6.6	9.8

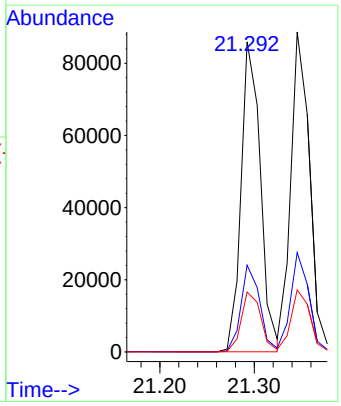




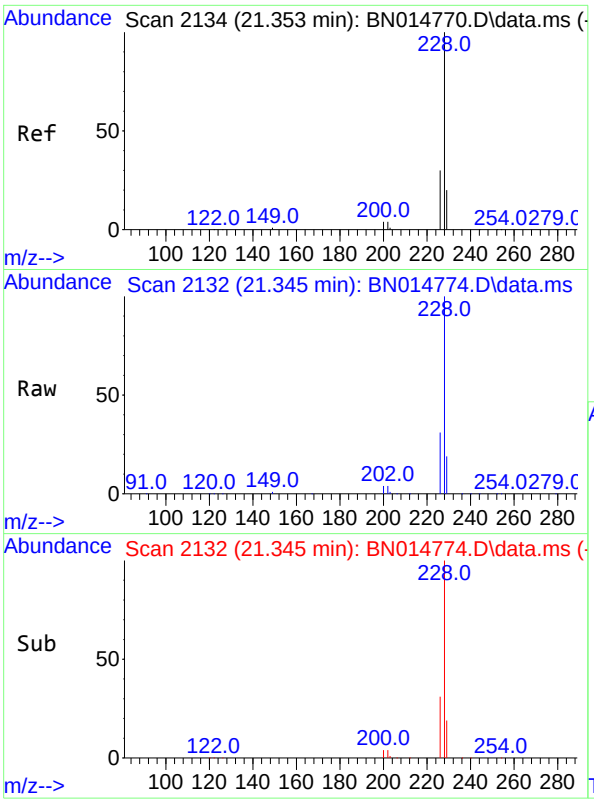
#32
Benzo(a)anthracene
Concen: 5.35 ng
RT: 21.292 min Scan# 2127
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:228 Resp: 121900

Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.9	34.3
229	19.4	16.2	24.2



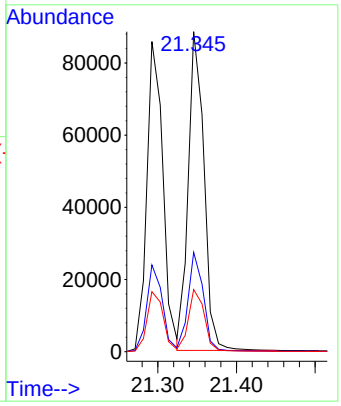
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

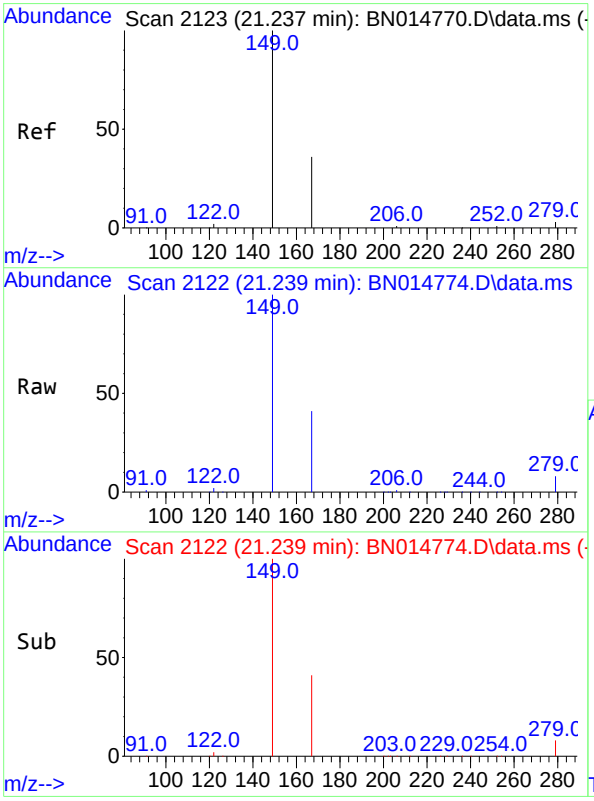


#33
Chrysene
Concen: 5.14 ng
RT: 21.345 min Scan# 2132
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:228 Resp: 122646

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.3	36.5
229	19.4	16.4	24.6

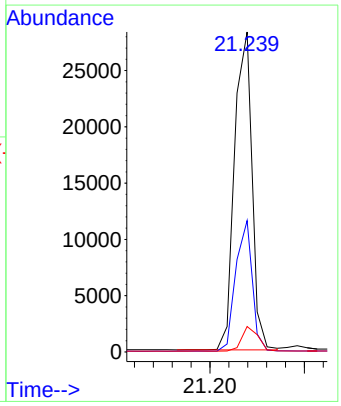




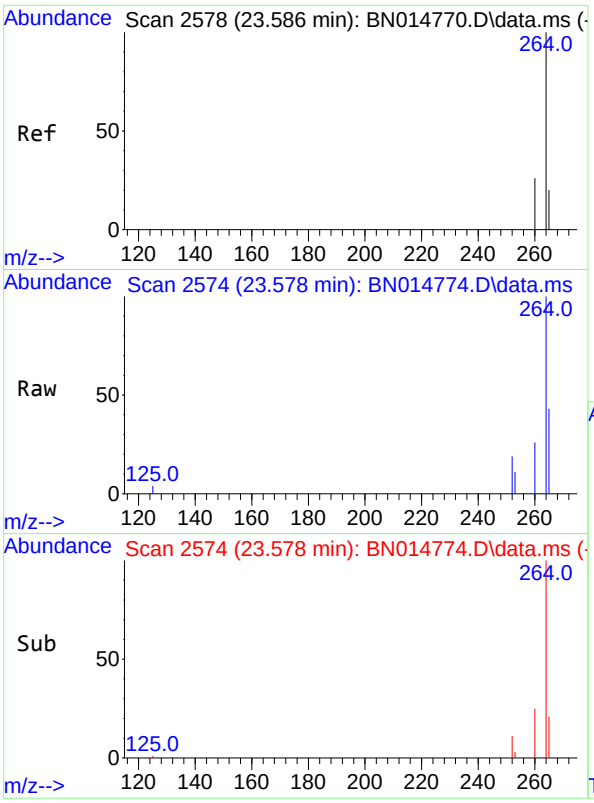
#34
Bis(2-ethylhexyl)phthalate
Concen: 5.73 ng
RT: 21.239 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:149 Resp: 36292

Ion	Ratio	Lower	Upper
149	100		
167	38.9	28.3	42.5
279	7.3	5.5	8.3



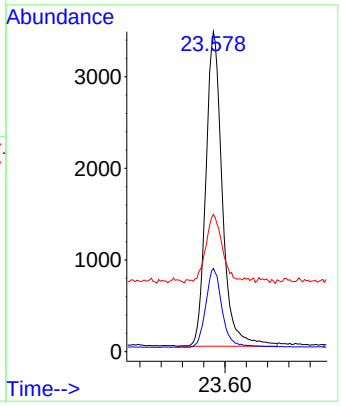
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

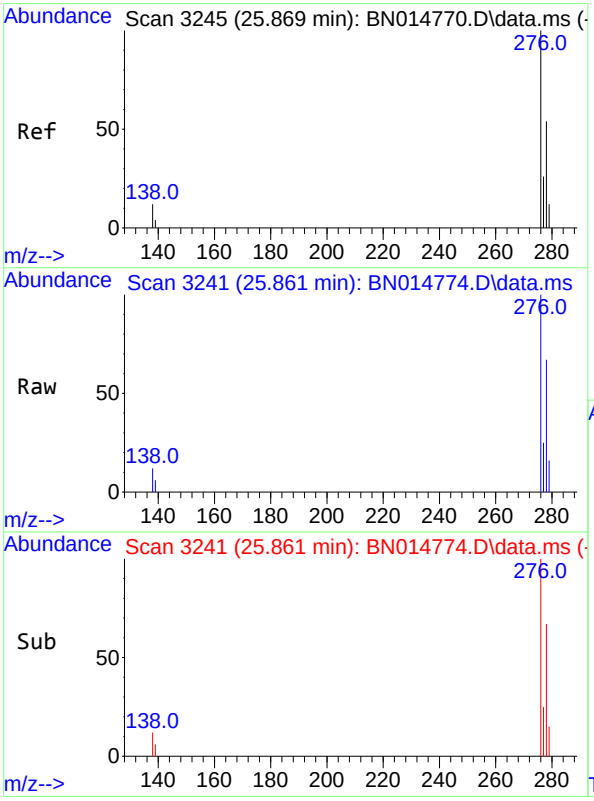


#35
Perylene-d12
Concen: 0.40 ng
RT: 23.578 min Scan# 2574
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:264 Resp: 7363

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.4	32.2
265	42.9	40.9	61.3

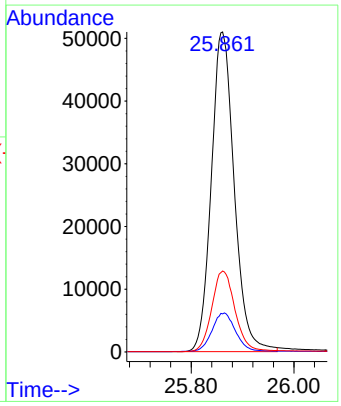




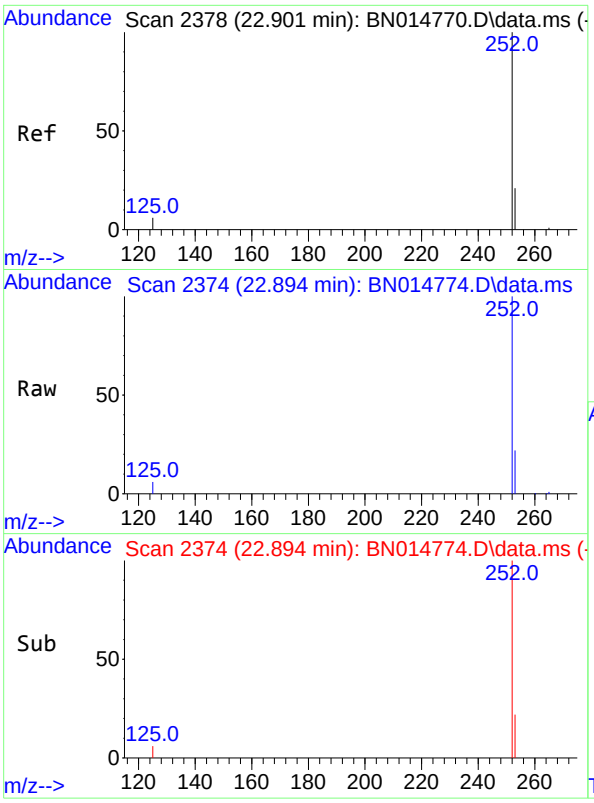
#36
Indeno(1,2,3-cd)pyrene
Concen: 5.33 ng
RT: 25.861 min Scan# 3241
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:276 Resp: 157839

Ion	Ratio	Lower	Upper
276	100		
138	12.4	10.2	15.4
277	25.6	20.4	30.6



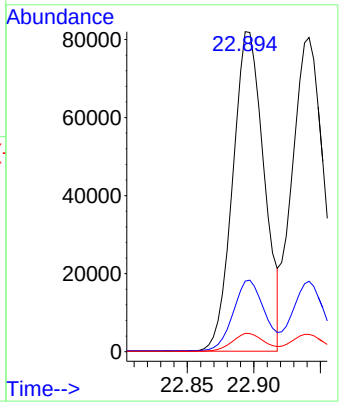
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

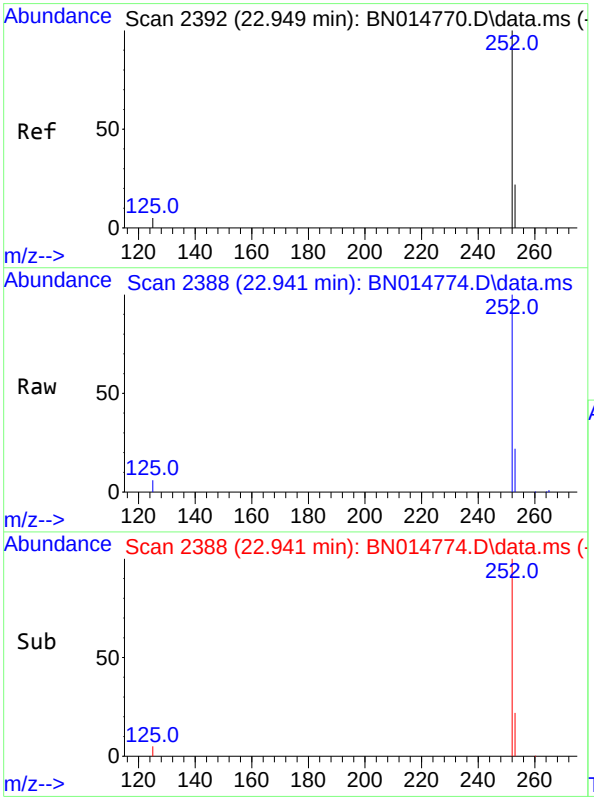


#37
Benzo(b)fluoranthene
Concen: 5.33 ng
RT: 22.894 min Scan# 2374
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:252 Resp: 134032

Ion	Ratio	Lower	Upper
252	100		
253	22.1	21.5	32.3
125	5.8	6.6	10.0#

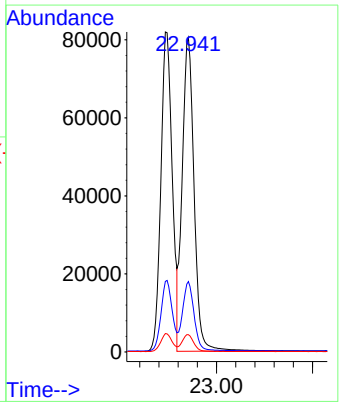




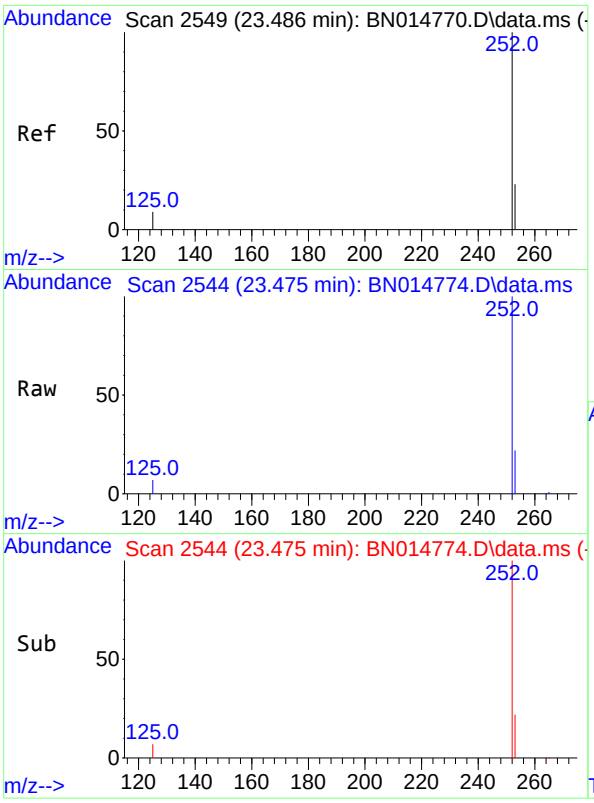
#38
Benzo(k)fluoranthene
Concen: 5.29 ng
RT: 22.941 min Scan# 2388
Delta R.T. -0.008 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:252 Resp: 137672

Ion	Ratio	Lower	Upper
252	100		
253	22.4	22.7	34.1#
125	5.5	6.4	9.6#



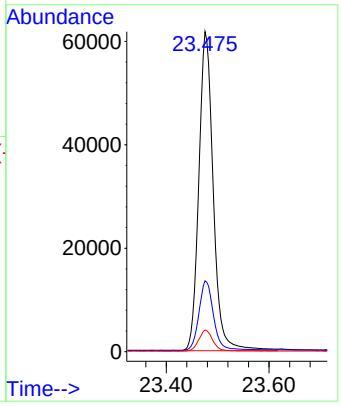
Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

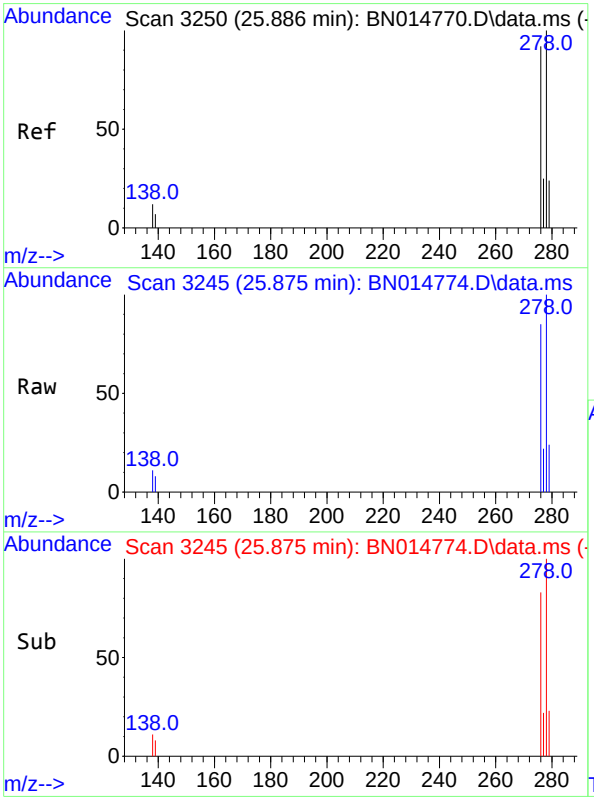


#39
Benzo(a)pyrene
Concen: 5.66 ng
RT: 23.475 min Scan# 2544
Delta R.T. -0.011 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:252 Resp: 120214

Ion	Ratio	Lower	Upper
252	100		
253	22.2	25.1	37.7#
125	6.8	9.4	14.0#

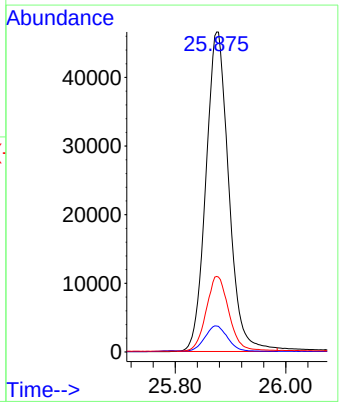


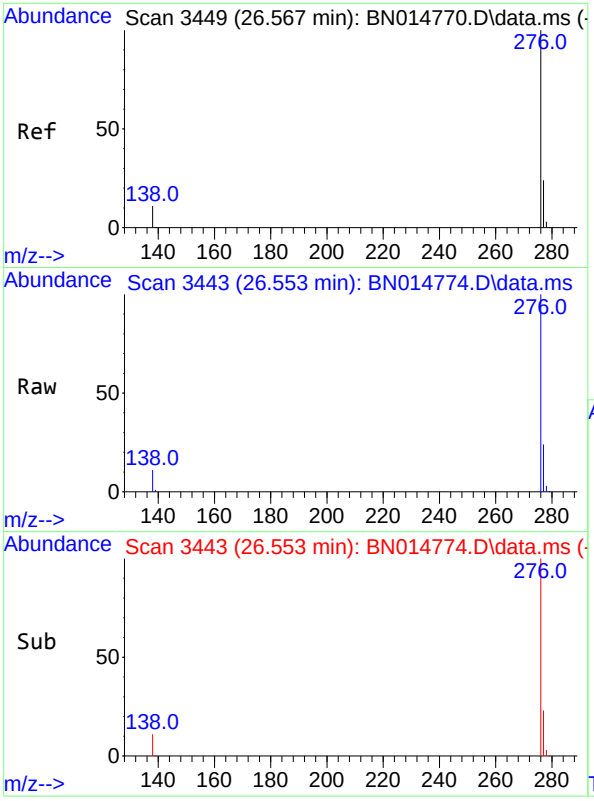


#40
Dibenzo(a,h)anthracene
Concen: 5.29 ng
RT: 25.875 min Scan# 3245
Delta R.T. -0.011 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:278 Resp: 133943

Ion	Ratio	Lower	Upper
278	100		
139	8.1	8.6	13.0#
279	23.6	22.8	34.2

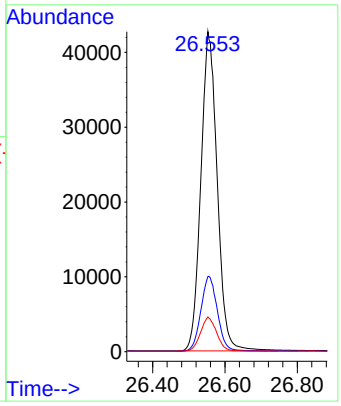




#41
Benzo(g,h,i)perylene
Concen: 5.55 ng
RT: 26.553 min Scan# 3443
Delta R.T. -0.014 min
Lab File: BN014774.D
Acq: 26 May 2021 20:33

Tgt Ion:276 Resp: 133907

Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.9	31.3
138	10.8	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0