Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015667.D
Acq On : 23 Jul 2021 13:14
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Jul 23 13:49:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 12:32:24 2021
Response via : Initial Calibration

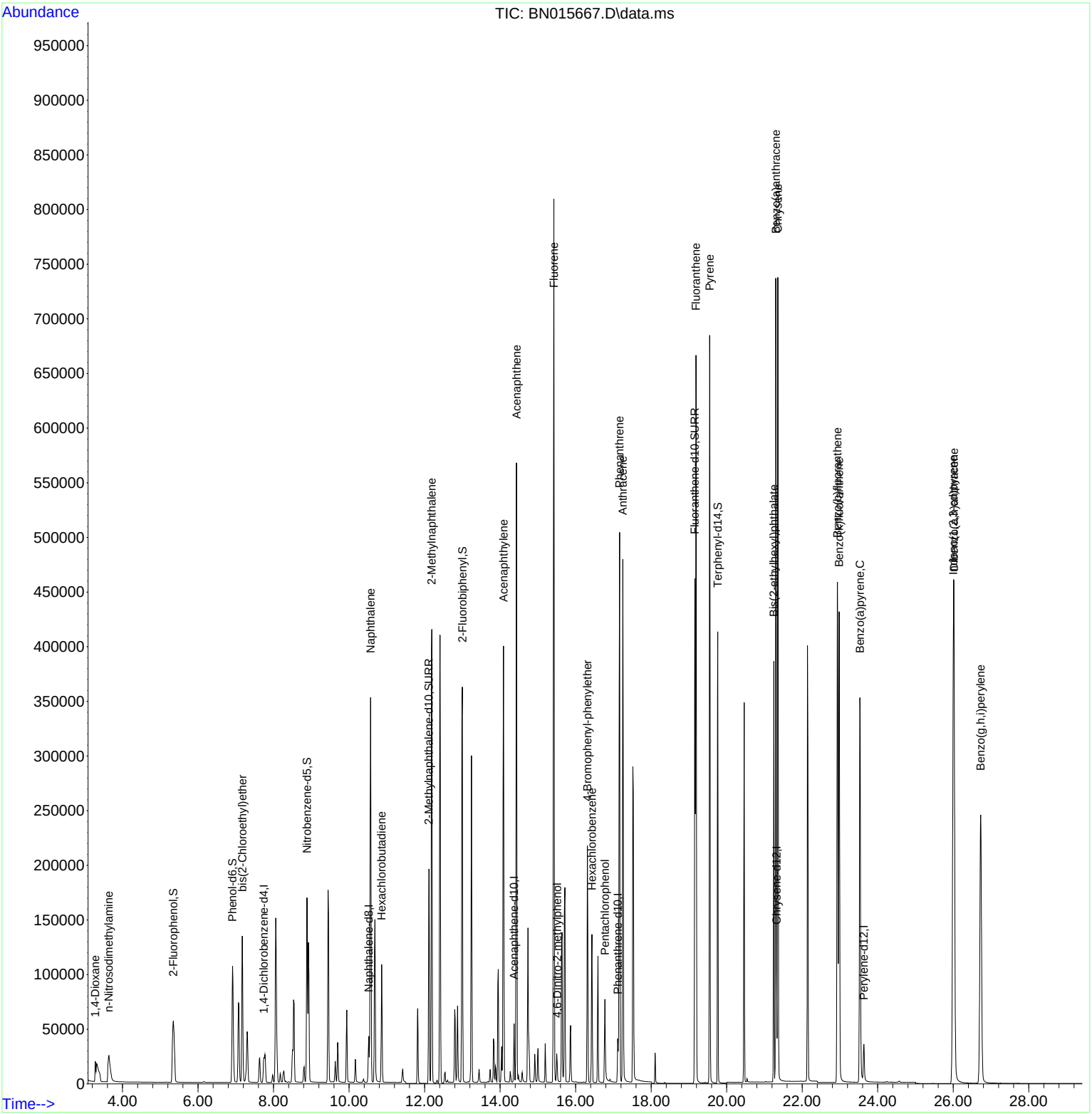
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.743	152	13351	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	54169	0.400	ng	0.00
13) Acenaphthene-d10	14.370	164	28878	0.400	ng	0.00
19) Phenanthrene-d10	17.115	188	53623	0.400	ng	0.00
29) Chrysene-d12	21.323	240	53217	0.400	ng	# 0.01
35) Perylene-d12	23.631	264	45651	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.346	112	107982	2.808	ng	0.00
5) Phenol-d6	6.914	99	131003	2.861	ng	0.00
8) Nitrobenzene-d5	8.885	82	135010	3.469	ng	0.00
11) 2-Methylnaphthalene-d10	12.114	152	263881	2.929	ng	0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	13.000	172	356638	3.106	ng	0.00
27) Fluoranthene-d10	19.157	212	496010	3.013	ng	0.00
31) Terphenyl-d14	19.762	244	381830	3.088	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	12764	2.832	ng	97
3) n-Nitrosodimethylamine	3.631	42	34503	3.126	ng	98
6) bis(2-Chloroethyl)ether	7.172	93	118874	2.889	ng	100
9) Naphthalene	10.571	128	458201	2.958	ng	100
10) Hexachlorobutadiene	10.863	225	86623	2.982	ng	# 99
12) 2-Methylnaphthalene	12.189	142	297846	2.960	ng	99
16) Acenaphthylene	14.091	152	436400	3.276	ng	100
17) Acenaphthene	14.433	154	274795	3.038	ng	97
18) Fluorene	15.423	166	330688	3.017	ng	99
20) 4,6-Dinitro-2-methylph...	15.512	198	19987	4.529	ng	# 70
21) 4-Bromophenyl-phenylether	16.311	248	107258	3.195	ng	99
22) Hexachlorobenzene	16.433	284	112774	3.037	ng	99
24) Pentachlorophenol	16.774	266	38589	4.138	ng	99
25) Phenanthrene	17.163	178	526325	3.034	ng	100
26) Anthracene	17.248	178	484325	3.262	ng	100
28) Fluoranthene	19.187	202	586986	3.077	ng	100
30) Pyrene	19.549	202	598572	2.982	ng	100
32) Benzo(a)anthracene	21.301	228	594562	3.109	ng	99
33) Chrysene	21.355	228	573210	2.929	ng	100
34) Bis(2-ethylhexyl)phtha...	21.248	149	299269	3.297	ng	99
36) Indeno(1,2,3-cd)pyrene	26.003	276	584678	3.110	ng	100
37) Benzo(b)fluoranthene	22.933	252	569074	3.235	ng	100
38) Benzo(k)fluoranthene	22.977	252	556788	3.086	ng	99
39) Benzo(a)pyrene	23.529	252	502838	3.260	ng	98
40) Dibenzo(a,h)anthracene	26.020	278	466360	3.116	ng	99
41) Benzo(g,h,i)perylene	26.726	276	517806	3.204	ng	99

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

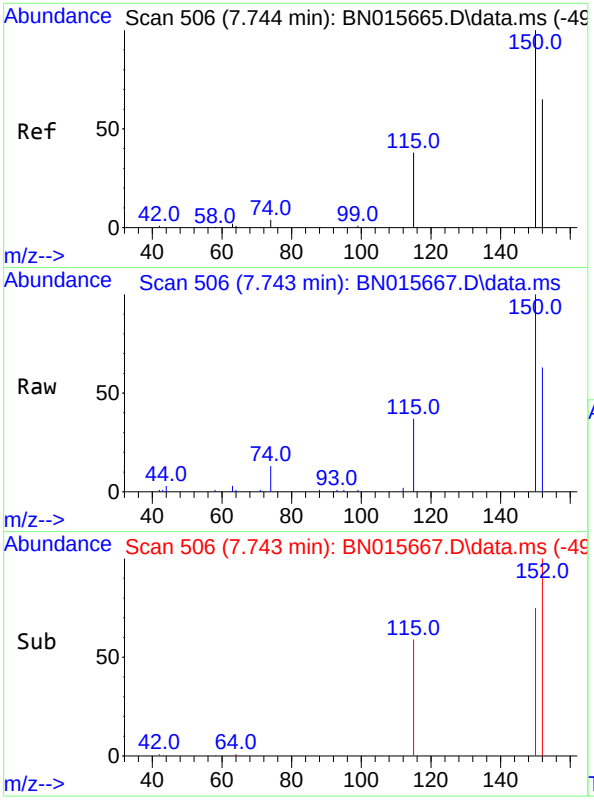
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015667.D
Acq On : 23 Jul 2021 13:14
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Jul 23 13:49:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 12:32:24 2021
Response via : Initial Calibration



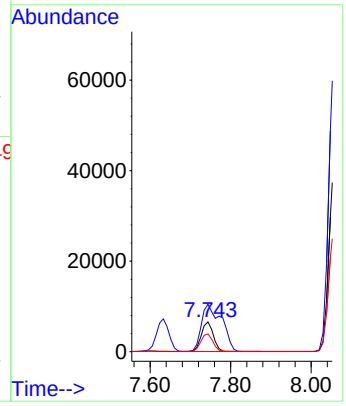
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

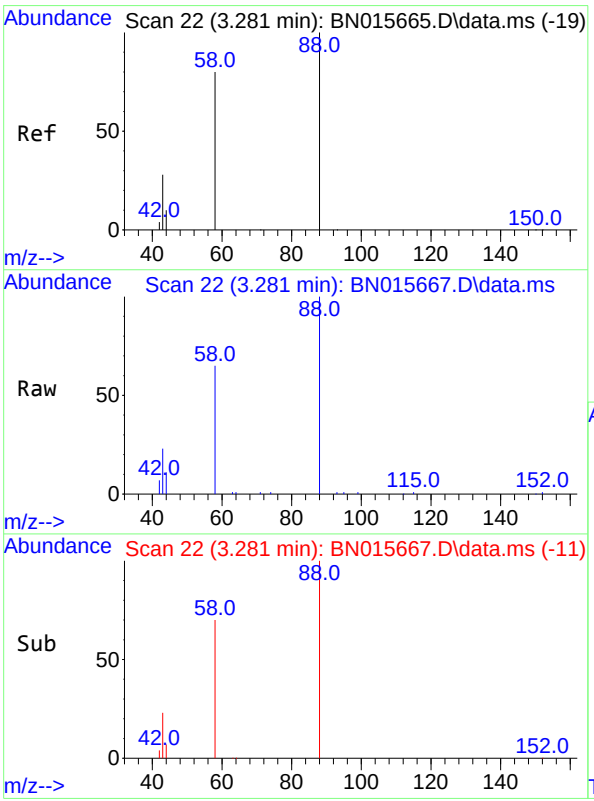


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.743 min Scan# 506
Delta R.T. -0.001 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:152 Resp: 13351

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.4	185.0
115	59.3	47.2	70.8

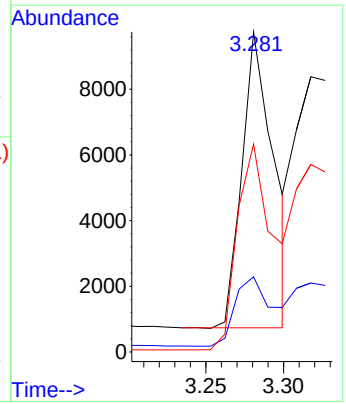




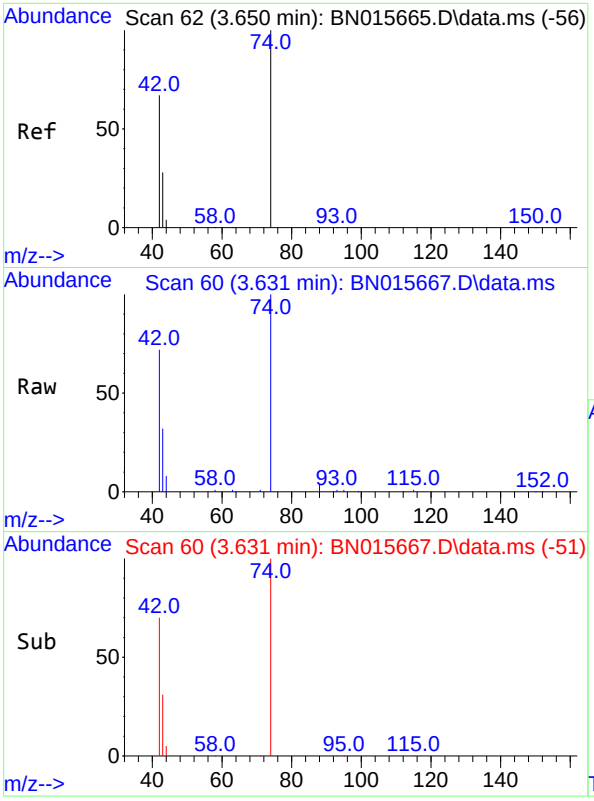
#2
1,4-Dioxane
Concen: 2.832 ng
RT: 3.281 min Scan# 22
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 88 Resp: 12764

Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.5	35.3
58	78.0	64.2	96.4



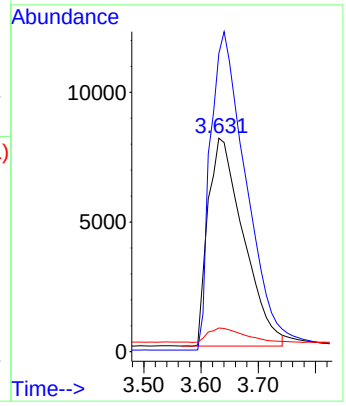
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

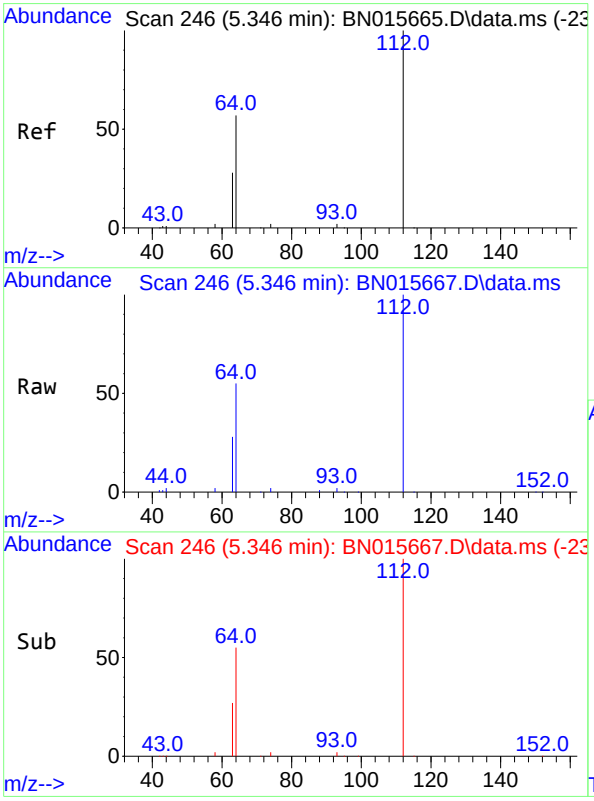


#3
n-Nitrosodimethylamine
Concen: 3.126 ng
RT: 3.631 min Scan# 60
Delta R.T. -0.019 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 42 Resp: 34503

Ion	Ratio	Lower	Upper
42	100		
74	153.3	121.0	181.6
44	7.0	6.2	9.4

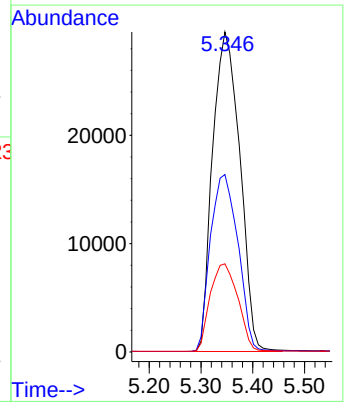




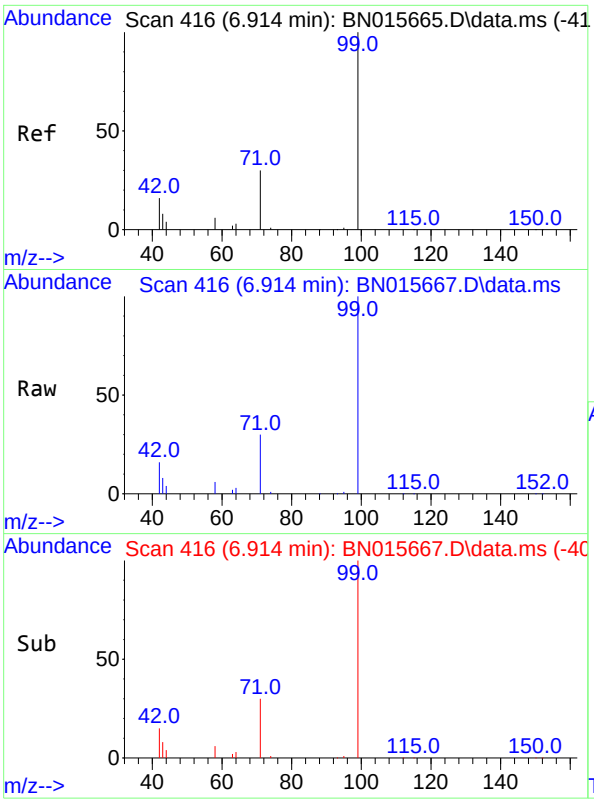
#4
2-Fluorophenol
Concen: 2.808 ng
RT: 5.346 min Scan# 246
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:112 Resp: 107982

Ion	Ratio	Lower	Upper
112	100		
64	56.1	44.9	67.3
63	27.9	22.6	33.8



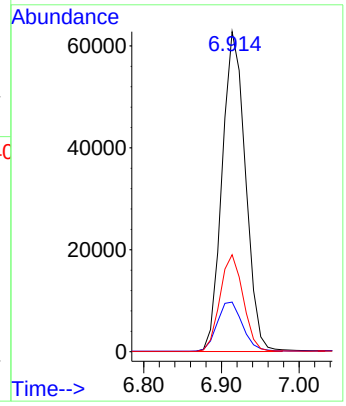
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

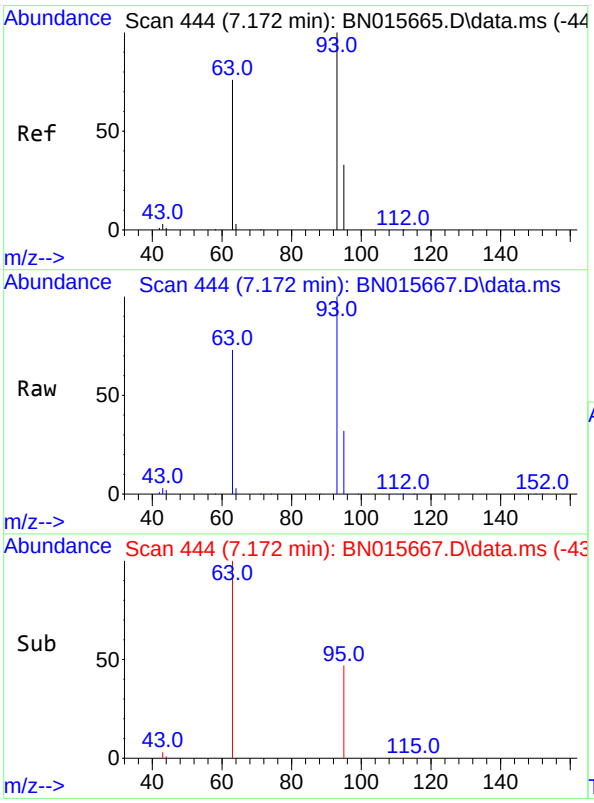


#5
Phenol-d6
Concen: 2.861 ng
RT: 6.914 min Scan# 416
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 99 Resp: 131003

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	30.2	24.2	36.2

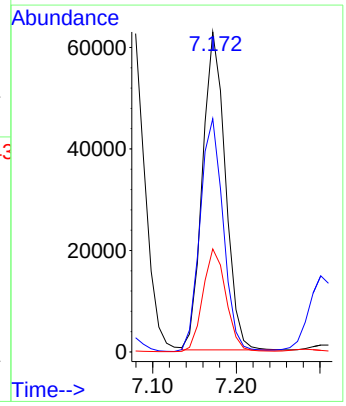




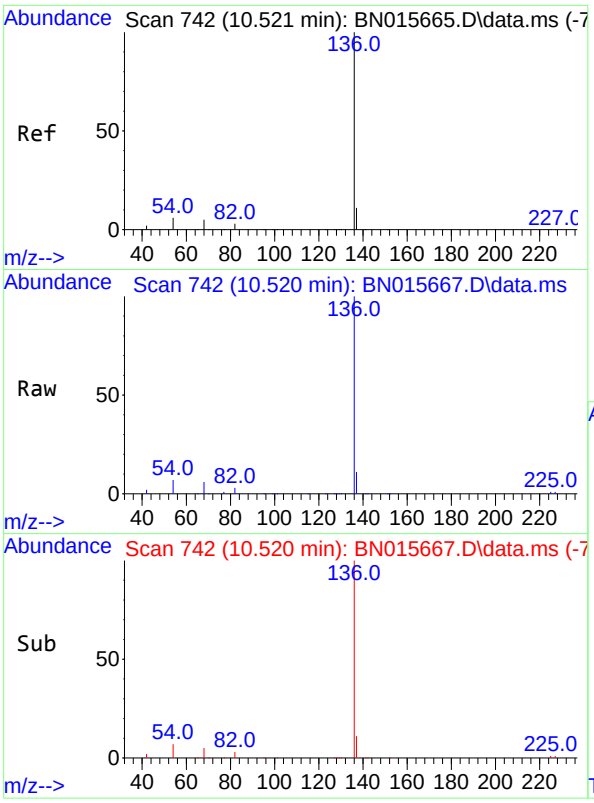
#6
bis(2-Chloroethyl)ether
Concen: 2.889 ng
RT: 7.172 min Scan# 444
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 93 Resp: 118874

Ion	Ratio	Lower	Upper
93	100		
63	74.5	59.9	89.9
95	32.8	26.3	39.5



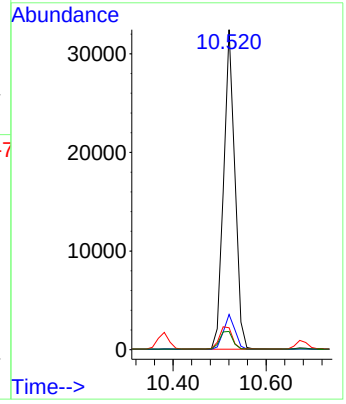
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

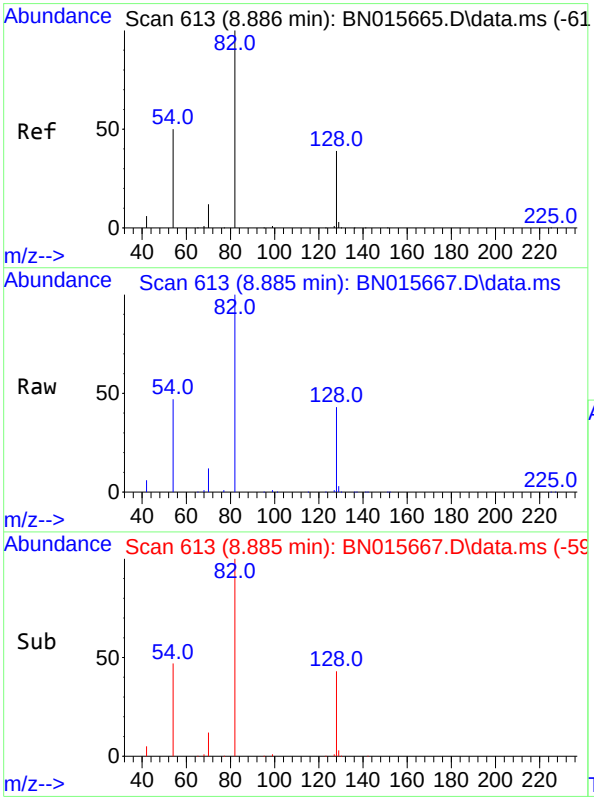


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 742
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:136 Resp: 54169

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.9	5.2	7.8
68	5.7	4.4	6.6

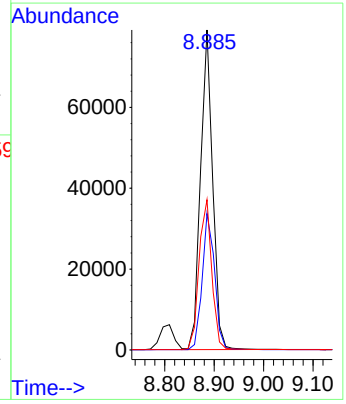


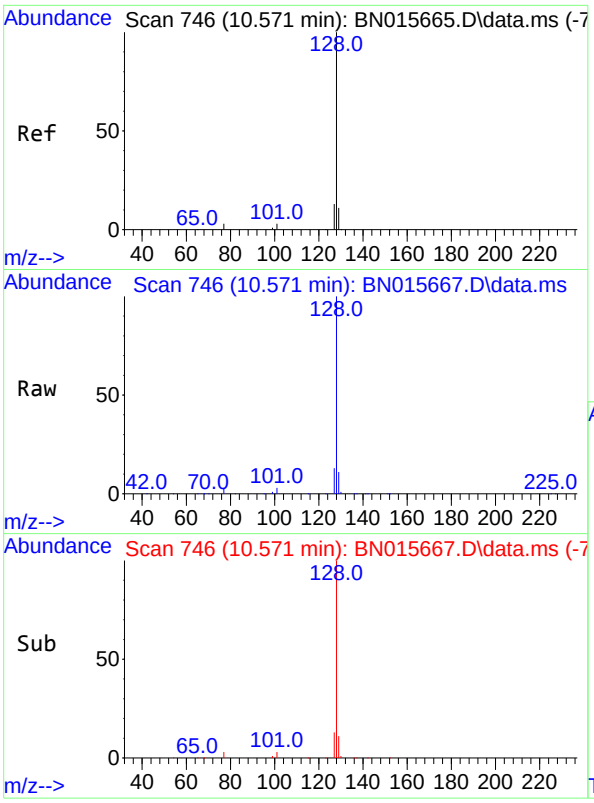


#8
Nitrobenzene-d5
Concen: 3.469 ng
RT: 8.885 min Scan# 613
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 82 Resp: 135010

Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.2	46.8
54	47.0	40.2	60.4

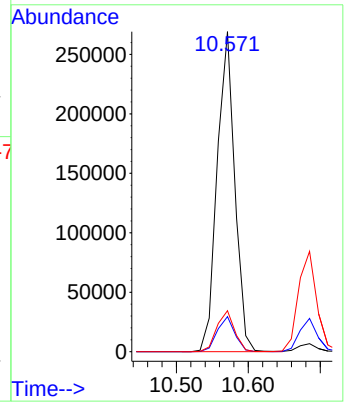




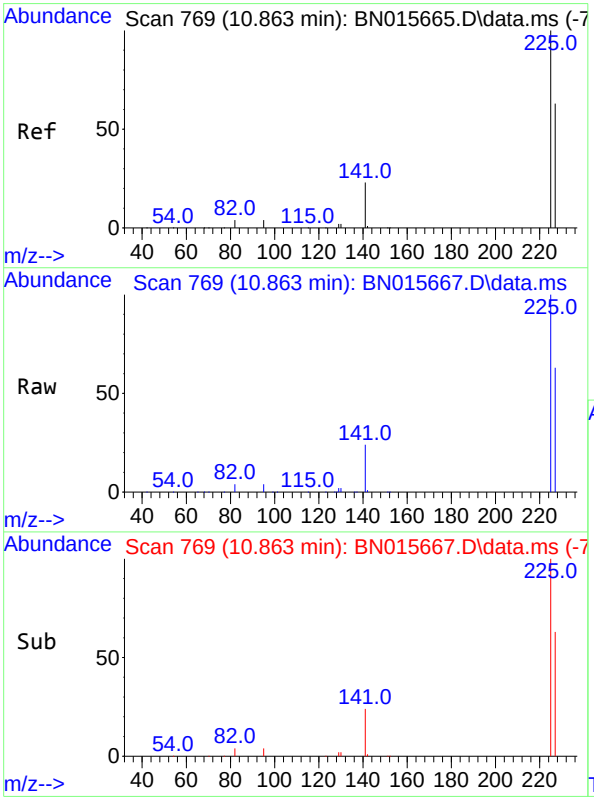
#9
Naphthalene
Concen: 2.958 ng
RT: 10.571 min Scan# 746
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:128 Resp: 458201

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.2	15.4



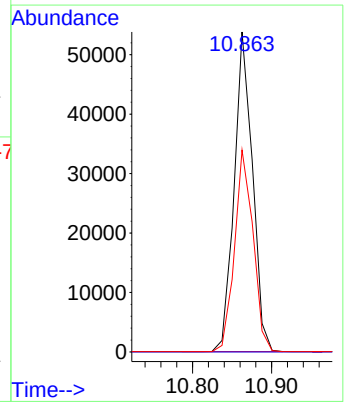
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

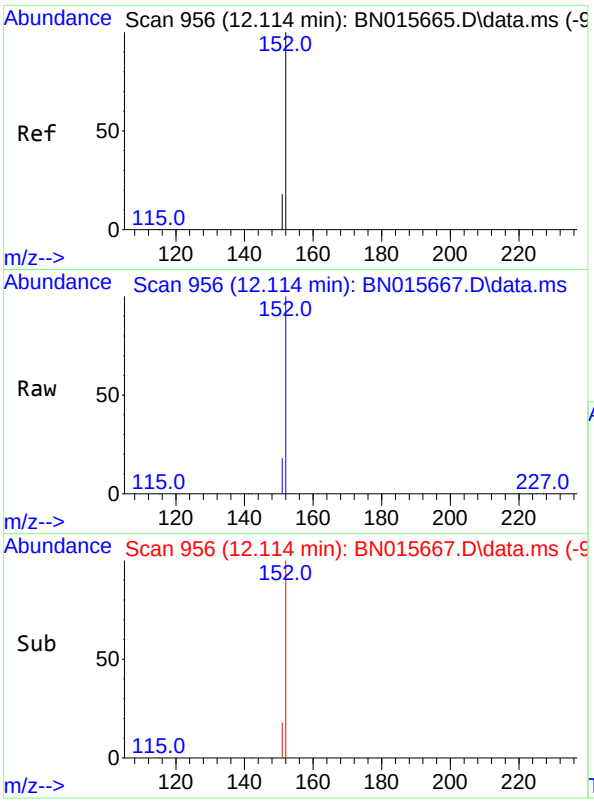


#10
Hexachlorobutadiene
Concen: 2.982 ng
RT: 10.863 min Scan# 769
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:225 Resp: 86623

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.6	76.0

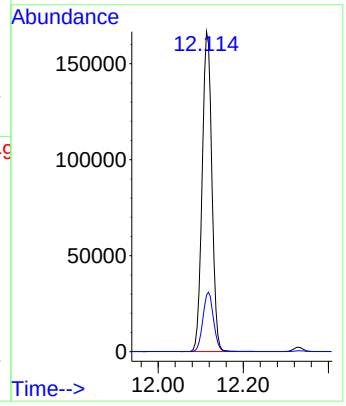




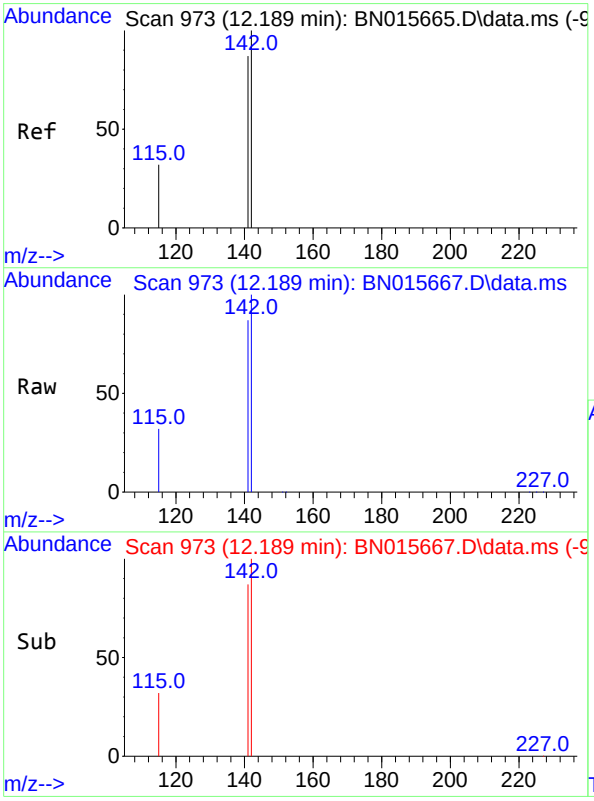
#11
2-Methylnaphthalene-d10
Concen: 2.929 ng
RT: 12.114 min Scan# 956
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:152 Resp: 263881

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6



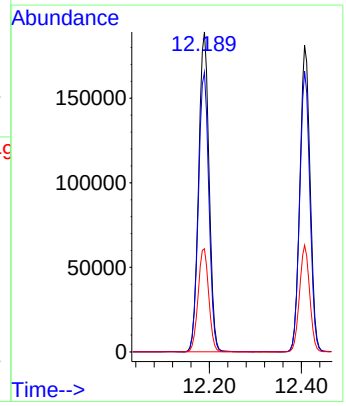
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

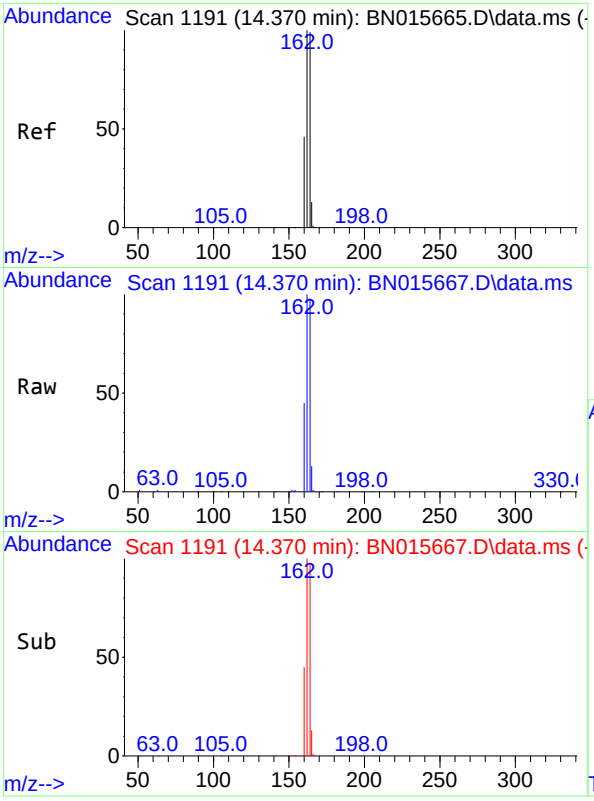


#12
2-Methylnaphthalene
Concen: 2.960 ng
RT: 12.189 min Scan# 973
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:142 Resp: 297846

Ion	Ratio	Lower	Upper
142	100		
141	87.4	69.5	104.3
115	32.3	26.1	39.1

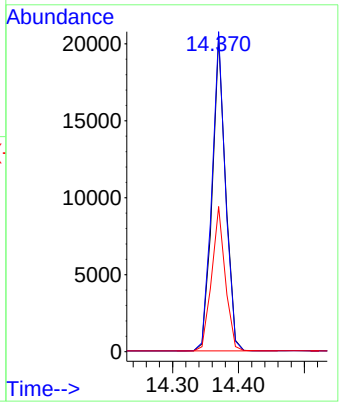




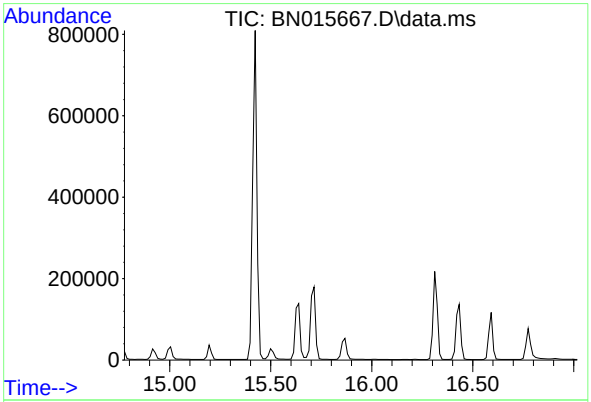
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.370 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:164 Resp: 28878

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	46.2	37.0	55.4



Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

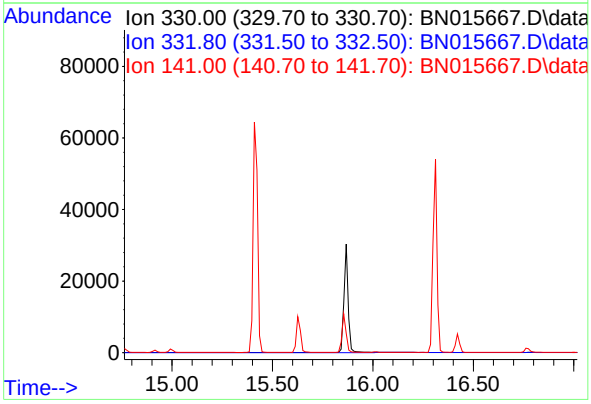


#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.87 min

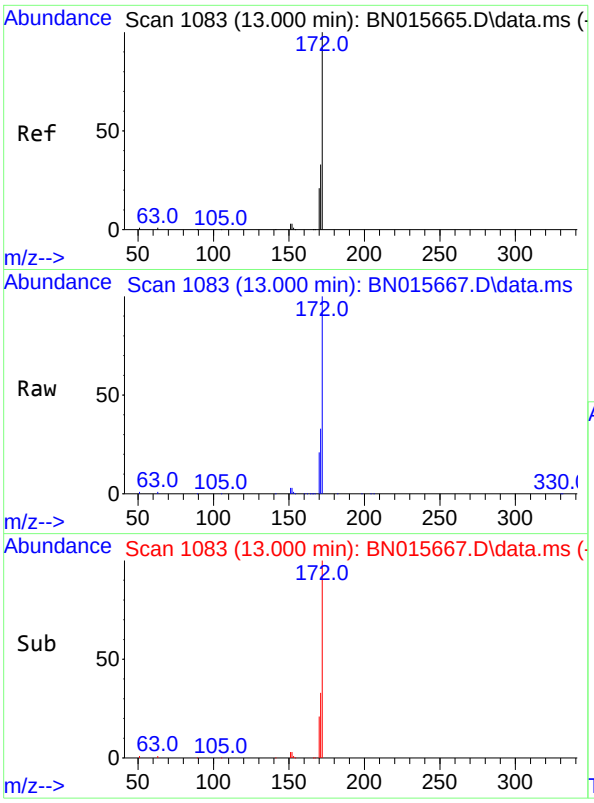
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	35.9



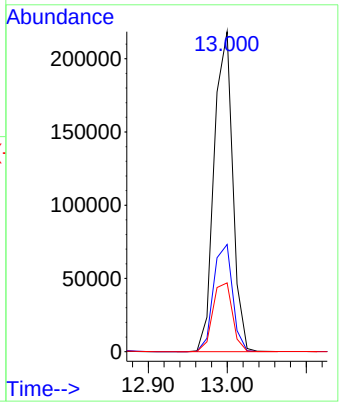
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

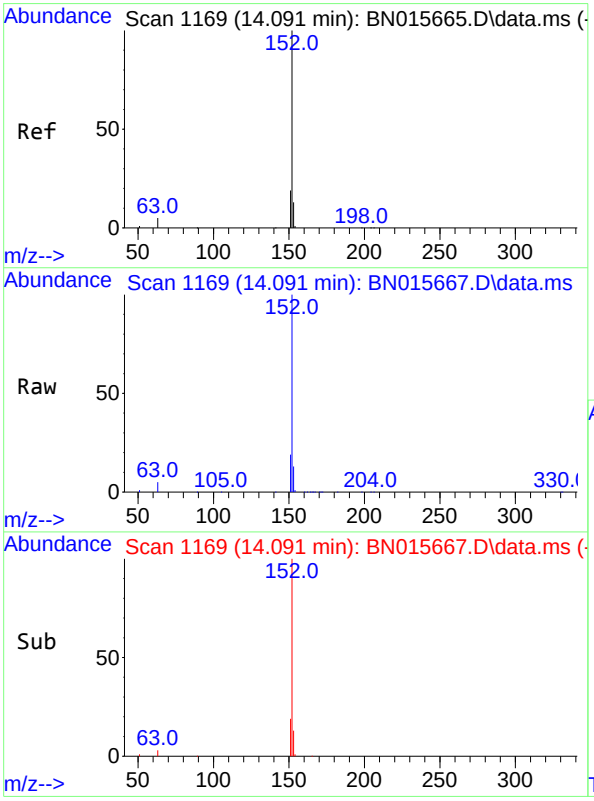


#15
2-Fluorobiphenyl
Concen: 3.106 ng
RT: 13.000 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:172 Resp: 356638

Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.6	40.0
170	21.5	17.2	25.8

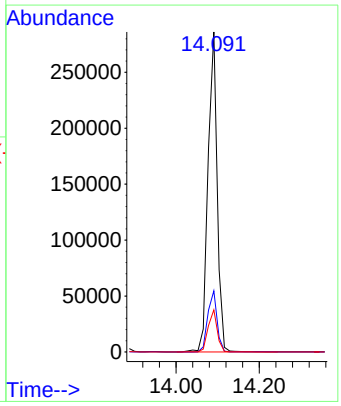




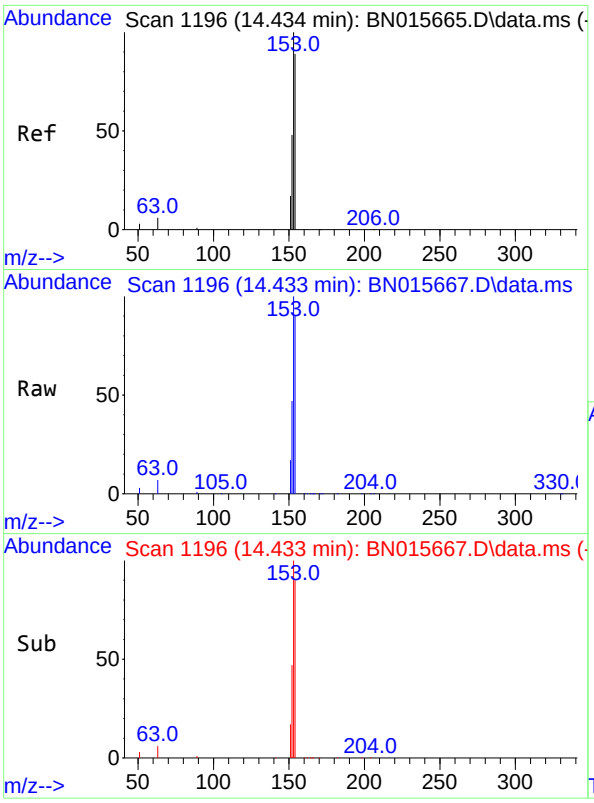
#16
Acenaphthylene
Concen: 3.276 ng
RT: 14.091 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:152 Resp: 436400

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.4	23.2
153	13.1	10.3	15.5



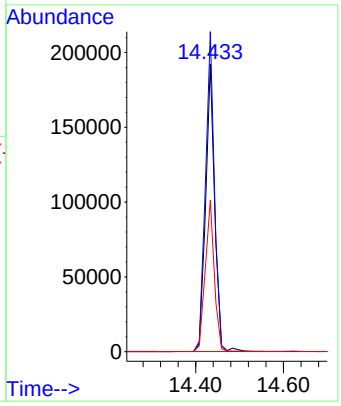
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

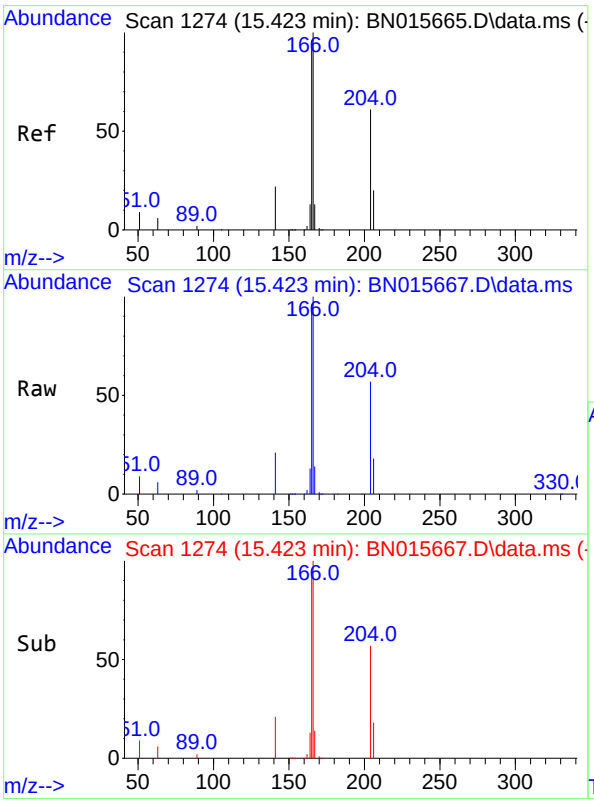


#17
Acenaphthene
Concen: 3.038 ng
RT: 14.433 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:154 Resp: 274795

Ion	Ratio	Lower	Upper
154	100		
153	110.2	90.6	136.0
152	52.8	44.6	67.0

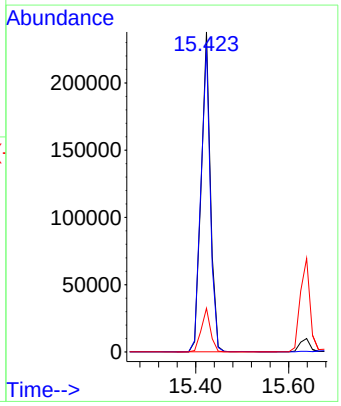




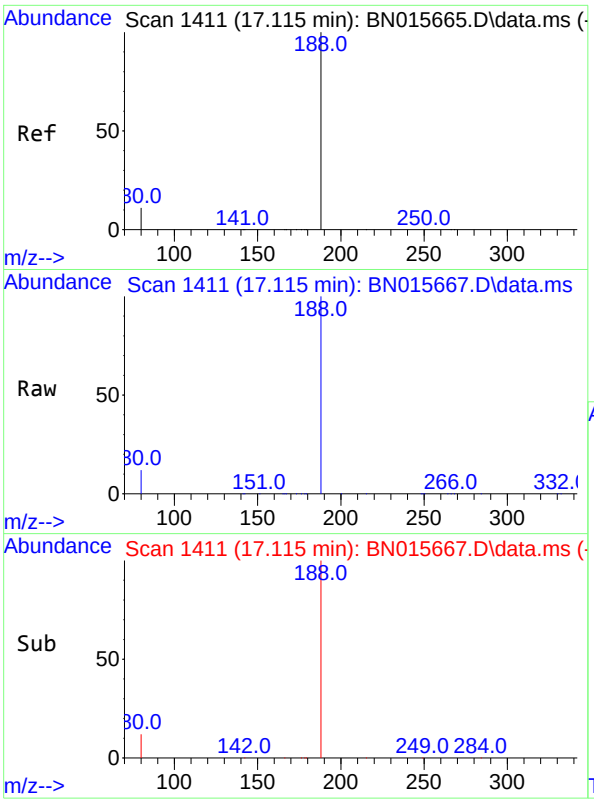
#18
Fluorene
Concen: 3.017 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:166 Resp: 330688

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.3	117.5
167	13.5	10.8	16.2



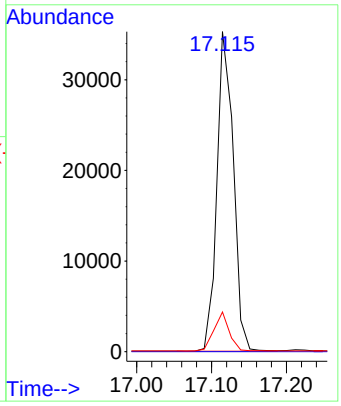
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

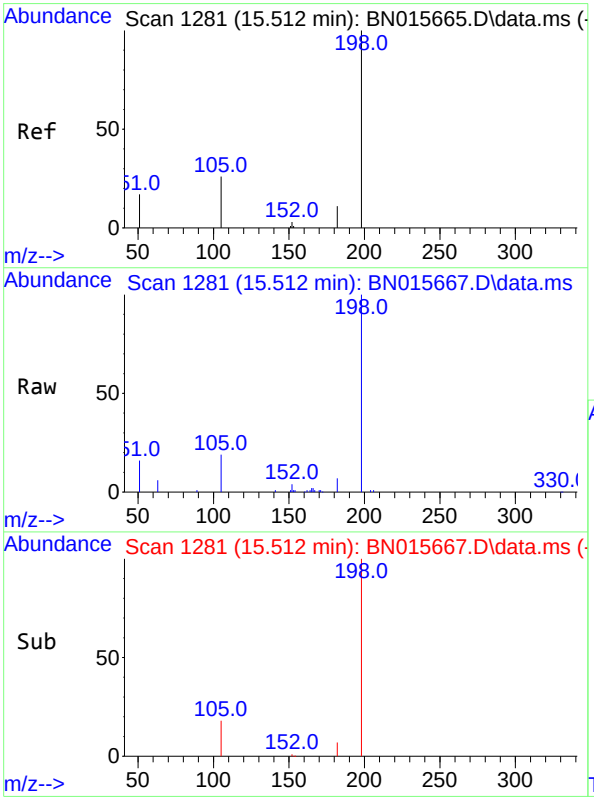


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.115 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:188 Resp: 53623

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	9.2	13.8

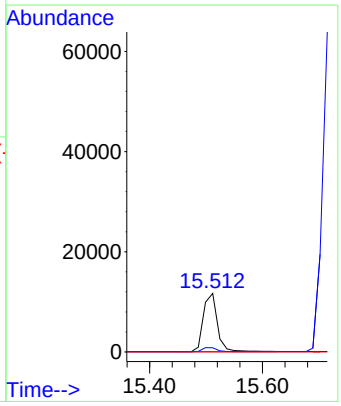




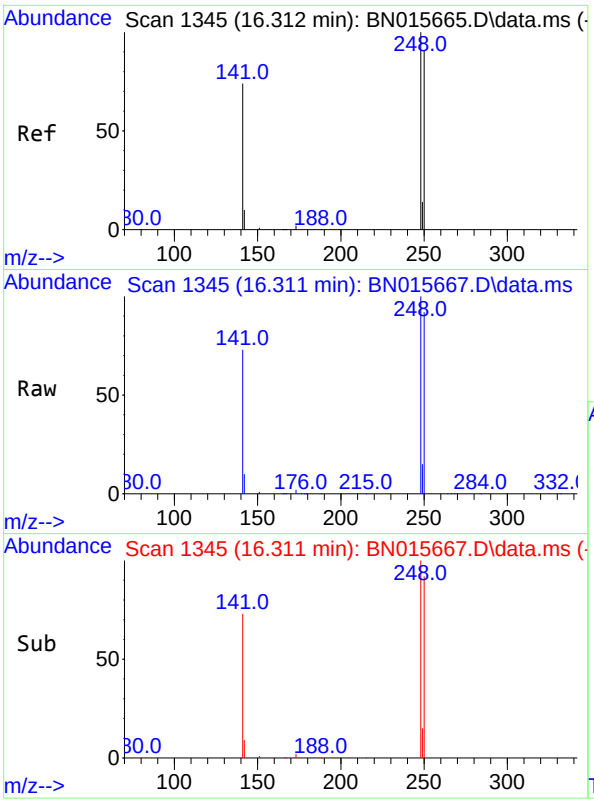
#20
4,6-Dinitro-2-methylphenol
Concen: 4.529 ng
RT: 15.512 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:198 Resp: 19987

Ion	Ratio	Lower	Upper
198	100		
182	7.2	17.2	25.8#
77	0.0	0.0	0.0



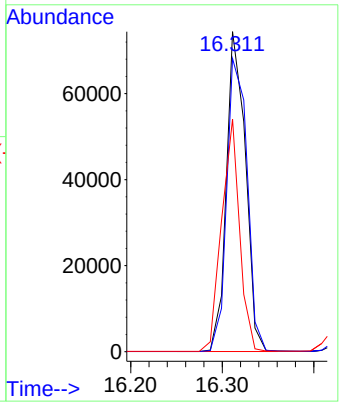
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

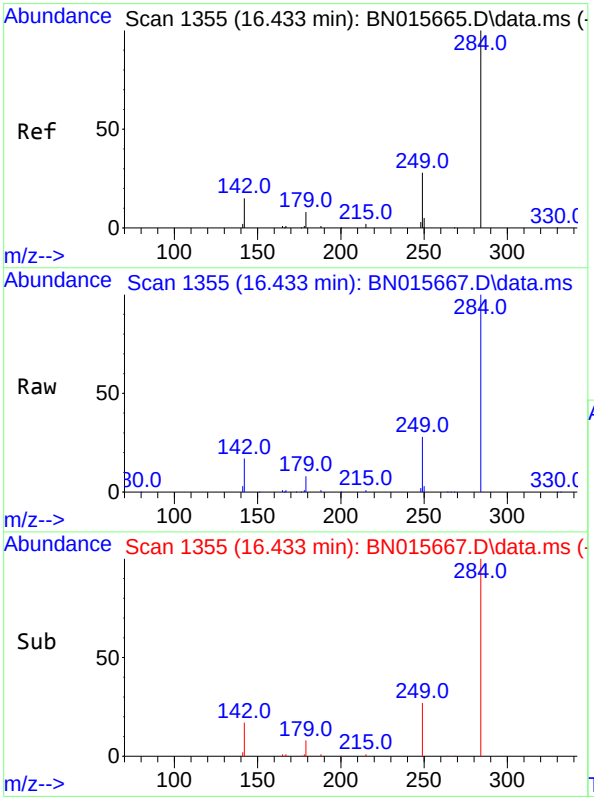


#21
4-Bromophenyl-phenylether
Concen: 3.195 ng
RT: 16.311 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:248 Resp: 107258

Ion	Ratio	Lower	Upper
248	100		
250	91.6	72.9	109.3
141	72.7	59.1	88.7

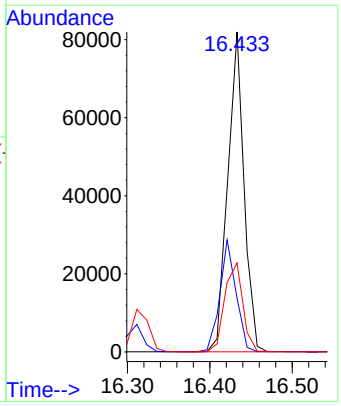




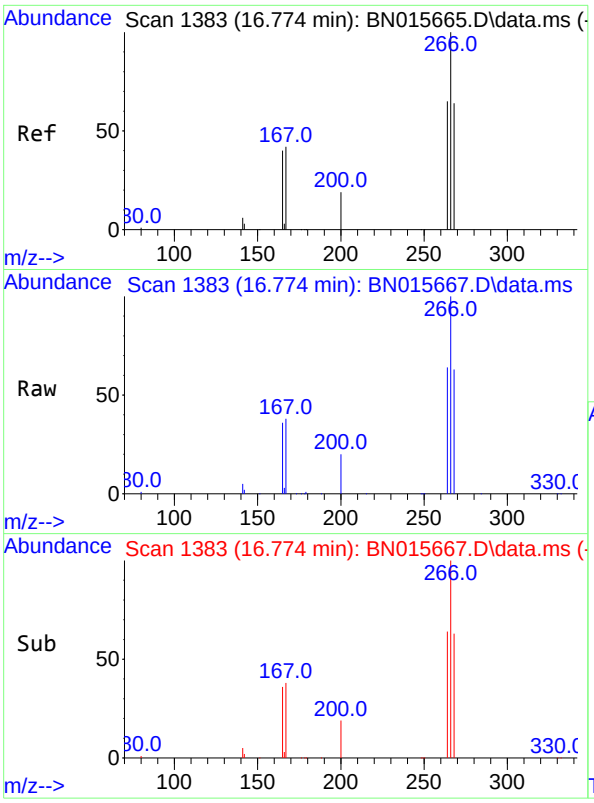
#22
Hexachlorobenzene
Concen: 3.037 ng
RT: 16.433 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:284 Resp: 112774

Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.5	41.3
249	30.9	25.0	37.6



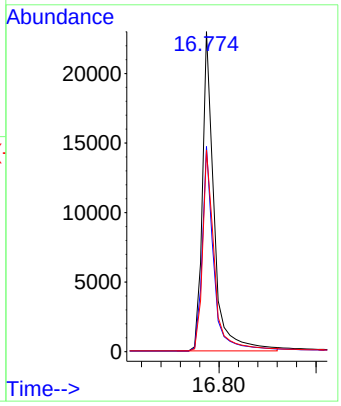
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

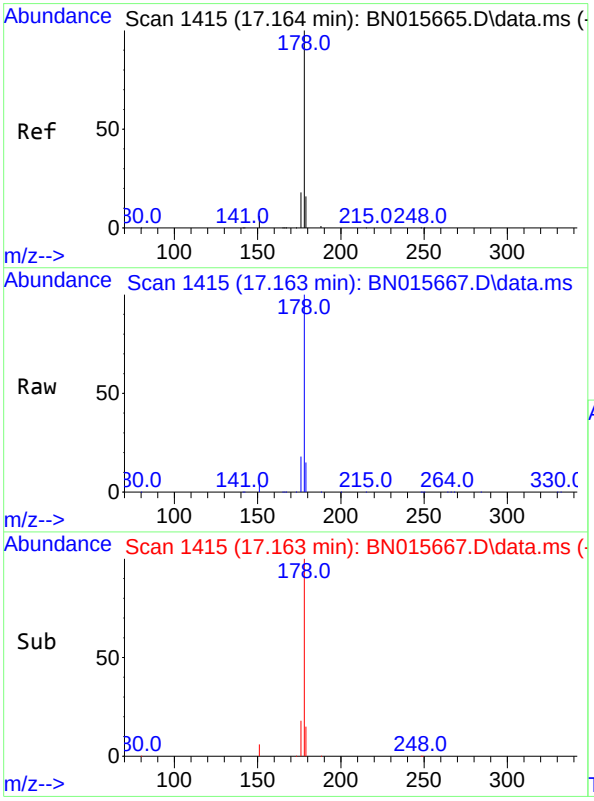


#24
Pentachlorophenol
Concen: 4.138 ng
RT: 16.774 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:266 Resp: 38589

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.0	76.4
268	63.9	51.8	77.8

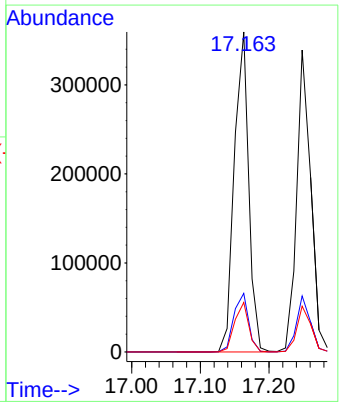




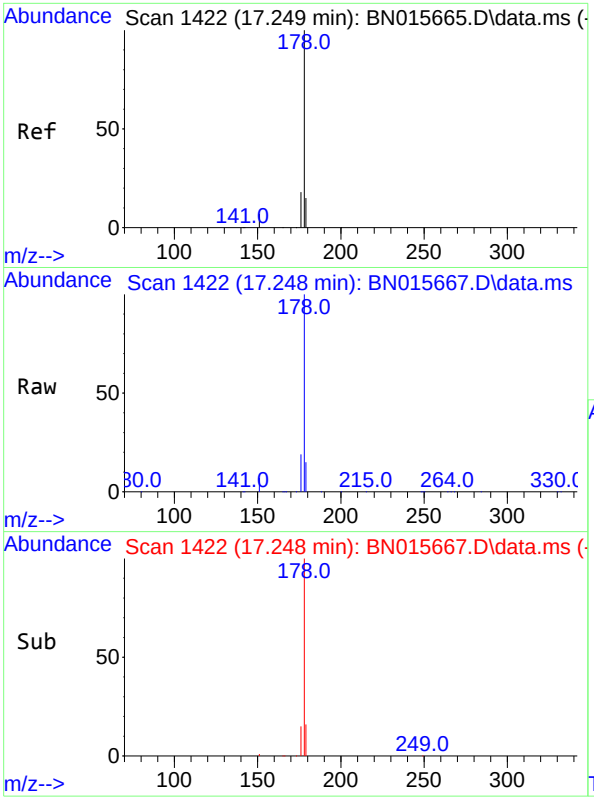
#25
Phenanthrene
Concen: 3.034 ng
RT: 17.163 min Scan# 1415
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:178 Resp: 526325

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.4	18.6



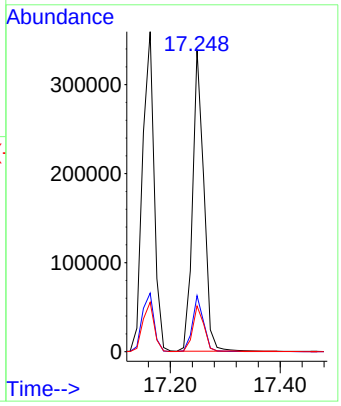
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

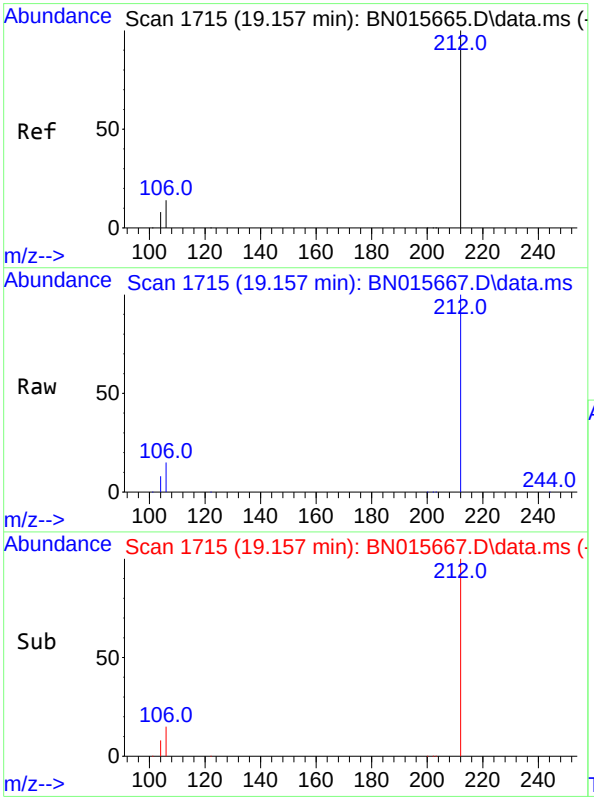


#26
Anthracene
Concen: 3.262 ng
RT: 17.248 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:178 Resp: 484325

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

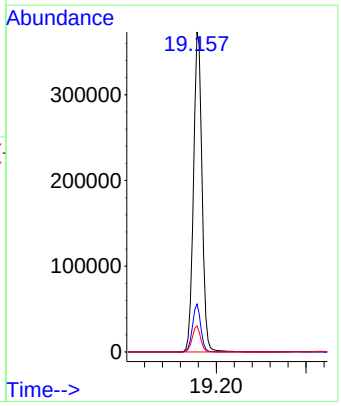




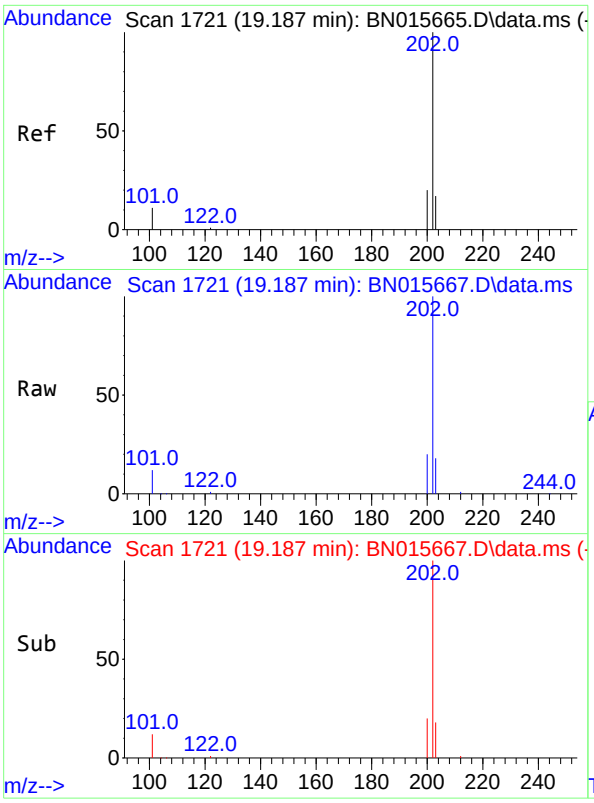
#27
Fluoranthene-d10
Concen: 3.013 ng
RT: 19.157 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:212 Resp: 496010

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.5	17.3
104	8.0	6.2	9.4



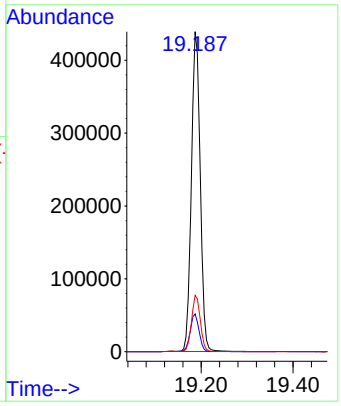
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

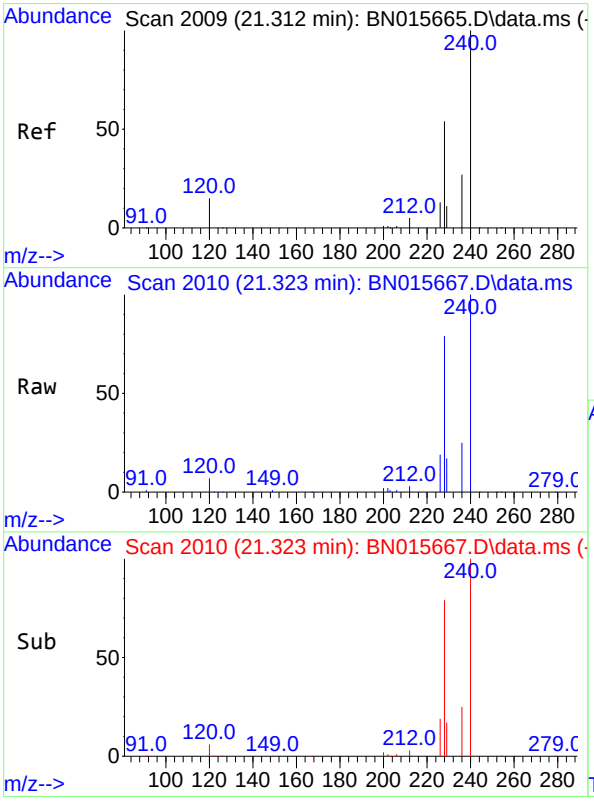


#28
Fluoranthene
Concen: 3.077 ng
RT: 19.187 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:202 Resp: 586986

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
203	17.5	13.8	20.6

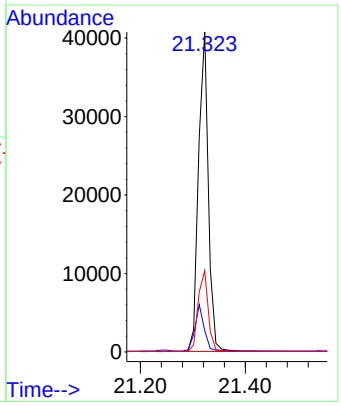




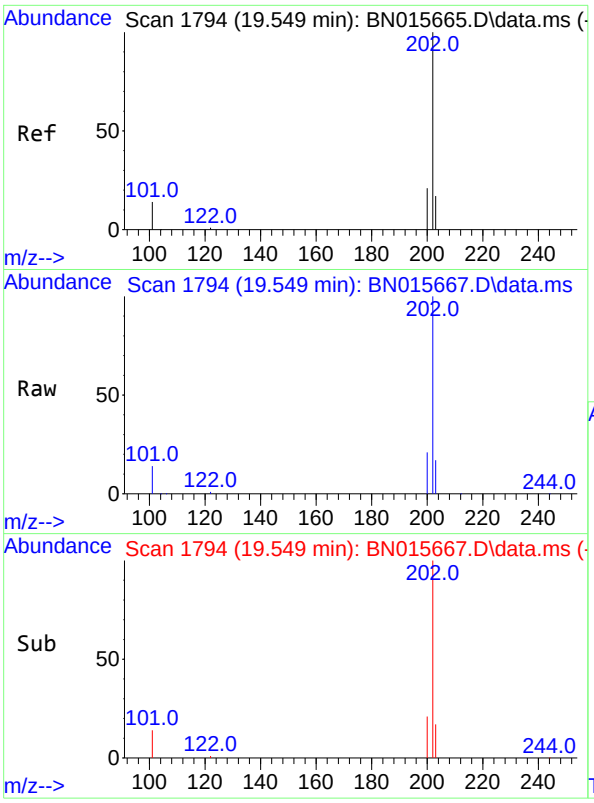
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.323 min Scan# 2010
Delta R.T. 0.010 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:240 Resp: 53217

Ion	Ratio	Lower	Upper
240	100		
120	6.6	12.2	18.4#
236	25.4	21.5	32.3



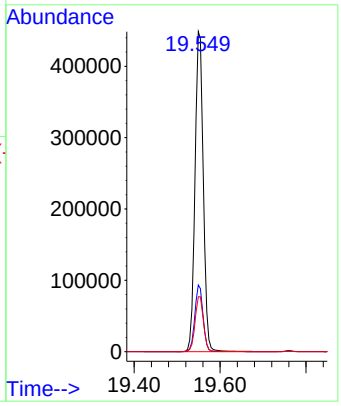
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

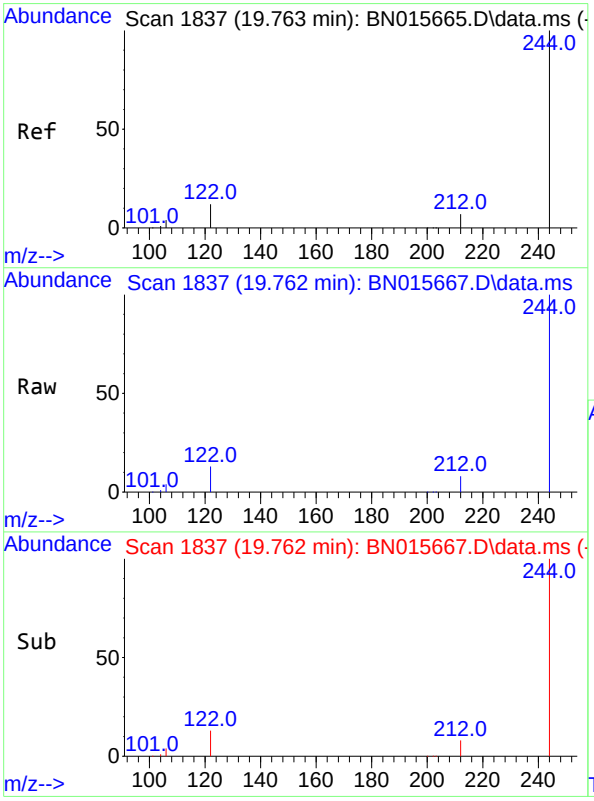


#30
Pyrene
Concen: 2.982 ng
RT: 19.549 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:202 Resp: 598572

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.4	24.6
203	17.5	13.9	20.9

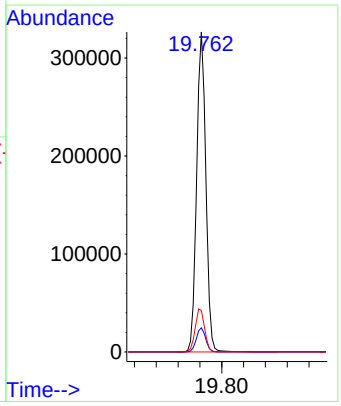




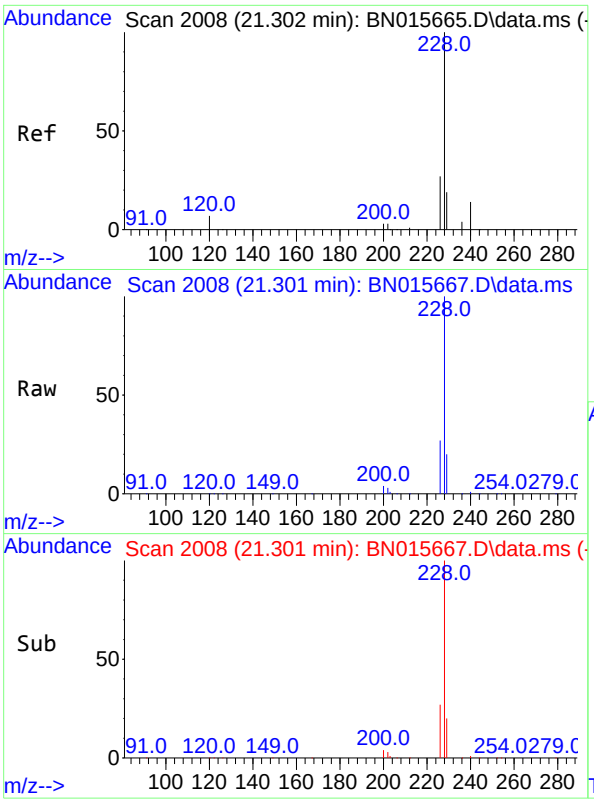
#31
Terphenyl-d14
Concen: 3.088 ng
RT: 19.762 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:244 Resp: 381830

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	13.0	10.1	15.1



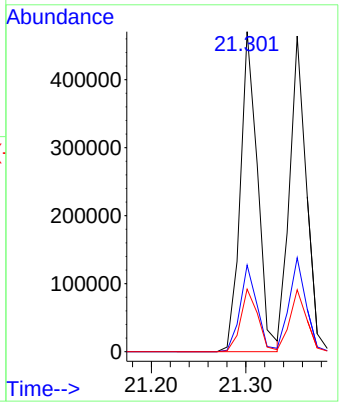
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

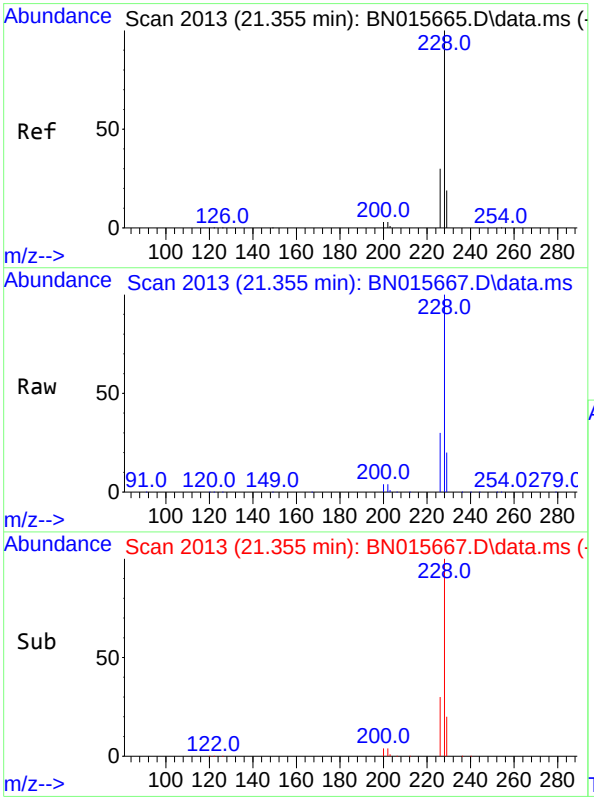


#32
Benzo(a)anthracene
Concen: 3.109 ng
RT: 21.301 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:228 Resp: 594562

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.0
229	19.5	15.5	23.3

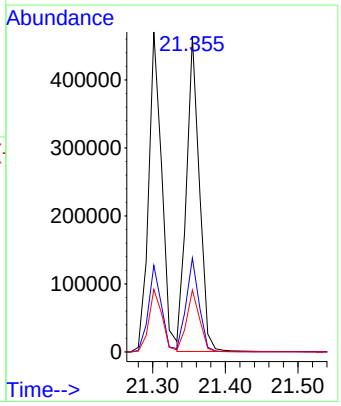




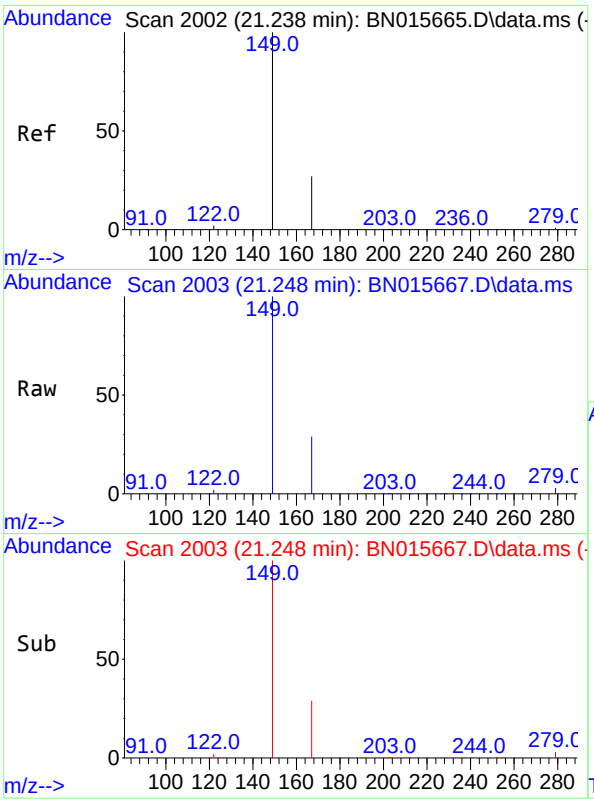
#33
Chrysene
Concen: 2.929 ng
RT: 21.355 min Scan# 2013
Delta R.T. -0.000 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:228 Resp: 573210

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	19.6	15.6	23.4



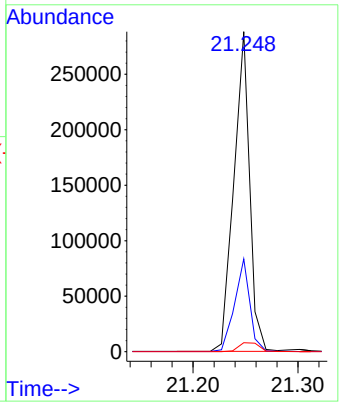
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

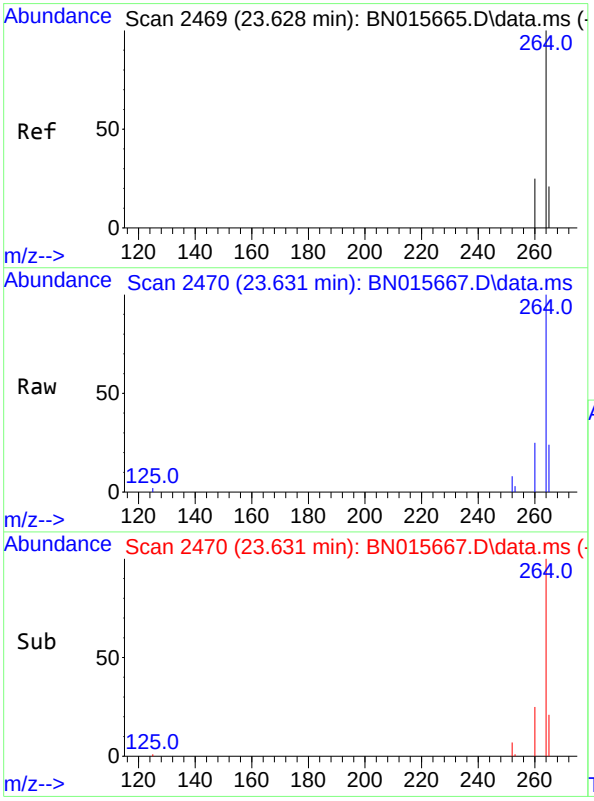


#34
Bis(2-ethylhexyl)phthalate
Concen: 3.297 ng
RT: 21.248 min Scan# 2003
Delta R.T. 0.010 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:149 Resp: 299269

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	3.6	2.8	4.2

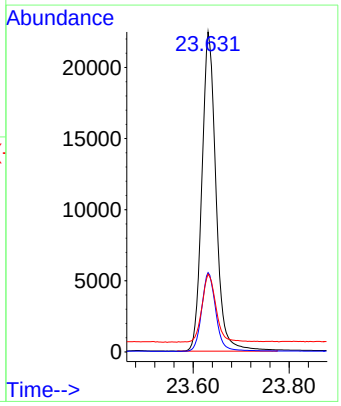




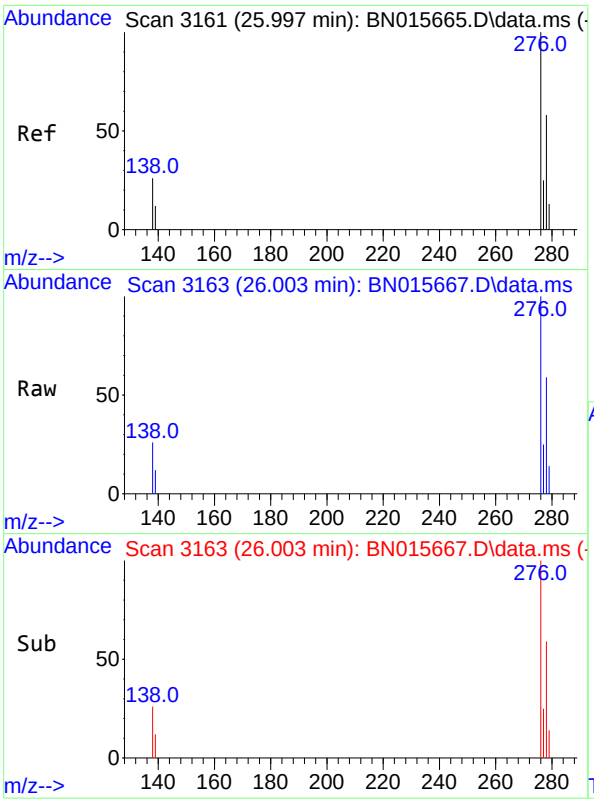
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.631 min Scan# 2470
Delta R.T. 0.003 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:264 Resp: 45651

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	24.3	20.0	30.0



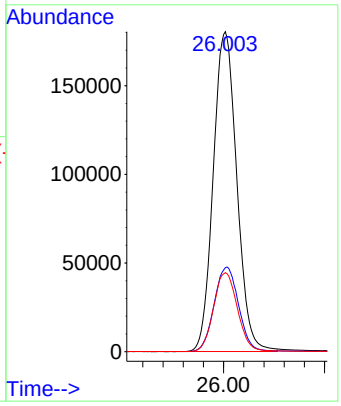
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

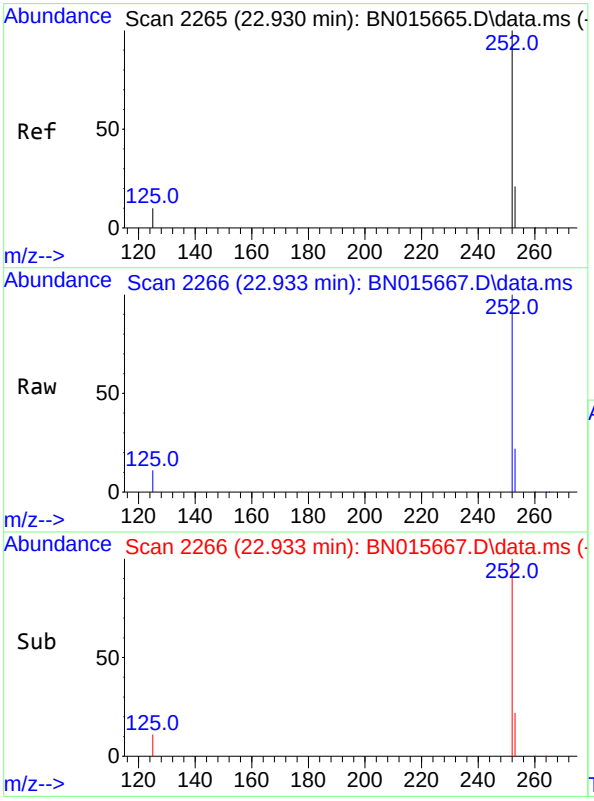


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.110 ng
RT: 26.003 min Scan# 3163
Delta R.T. 0.007 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:276 Resp: 584678

Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	25.0	19.9	29.9

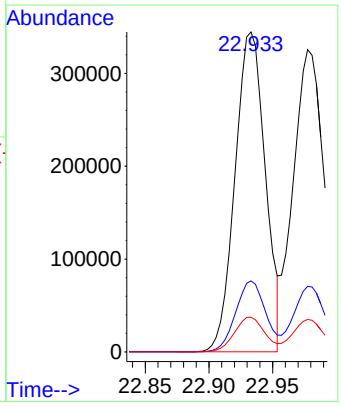




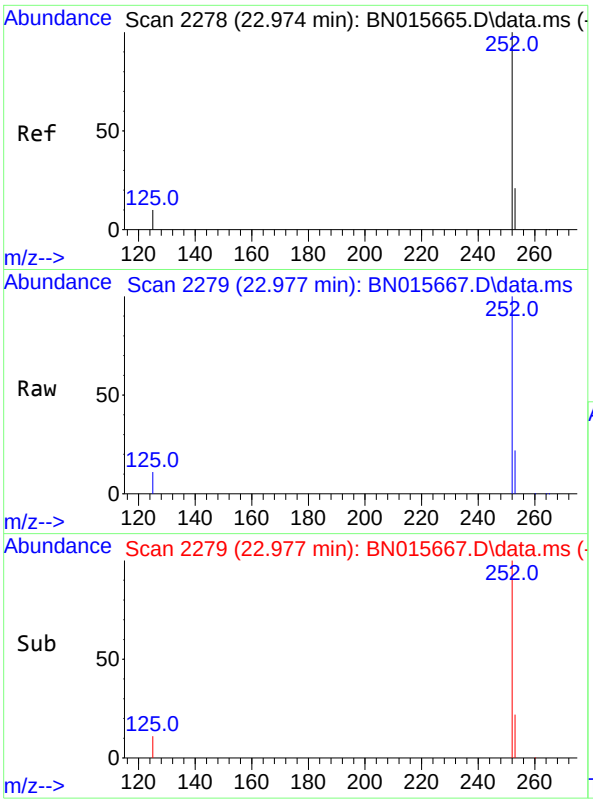
#37
Benzo(b)fluoranthene
Concen: 3.235 ng
RT: 22.933 min Scan# 2266
Delta R.T. 0.003 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:252 Resp: 569074

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.8	8.8	13.2



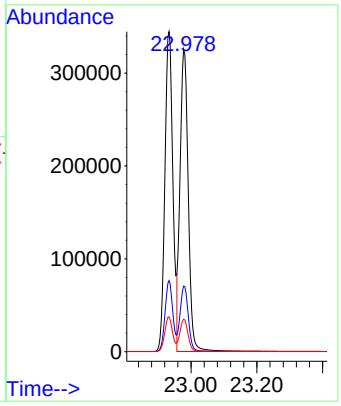
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

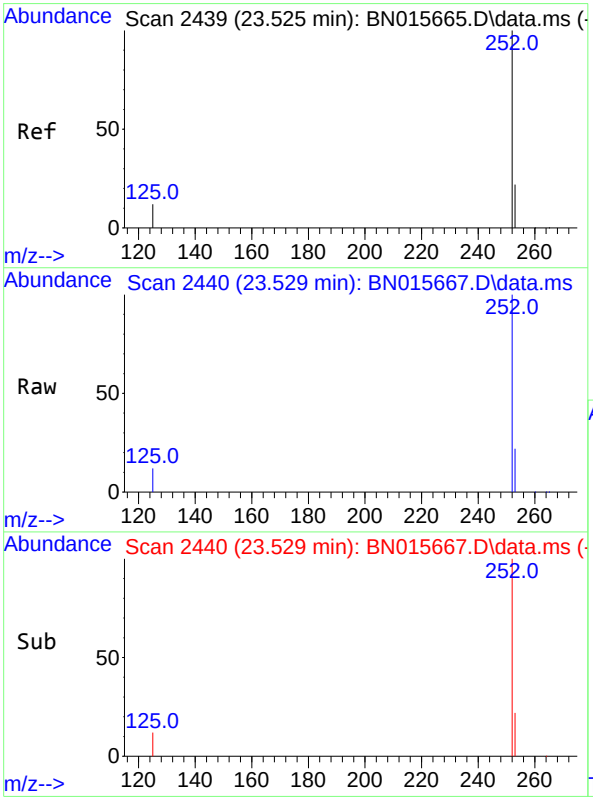


#38
Benzo(k)fluoranthene
Concen: 3.086 ng
RT: 22.977 min Scan# 2279
Delta R.T. 0.003 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:252 Resp: 556788

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	10.7	8.8	13.2

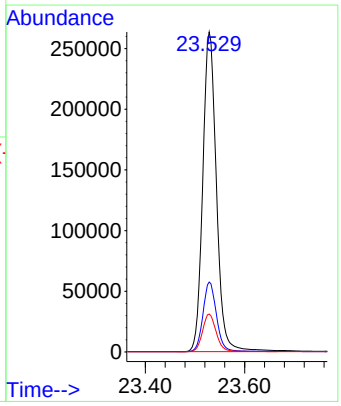




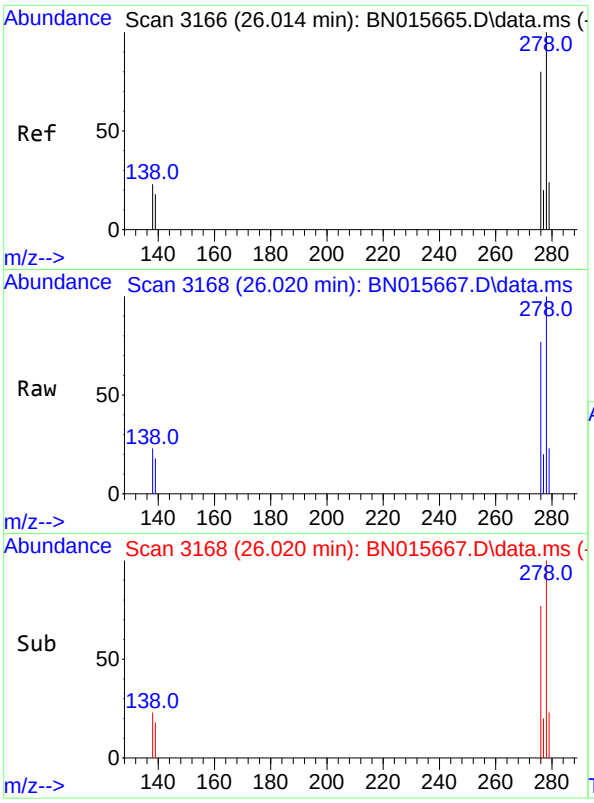
#39
Benzo(a)pyrene
Concen: 3.260 ng
RT: 23.529 min Scan# 2440
Delta R.T. 0.003 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:252 Resp: 502838

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.9	10.4	15.6



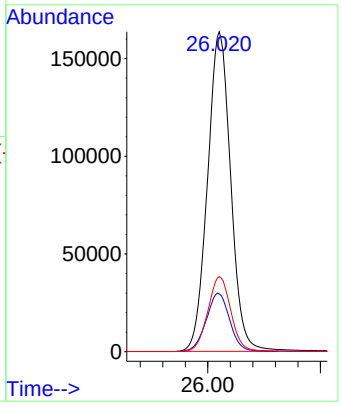
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

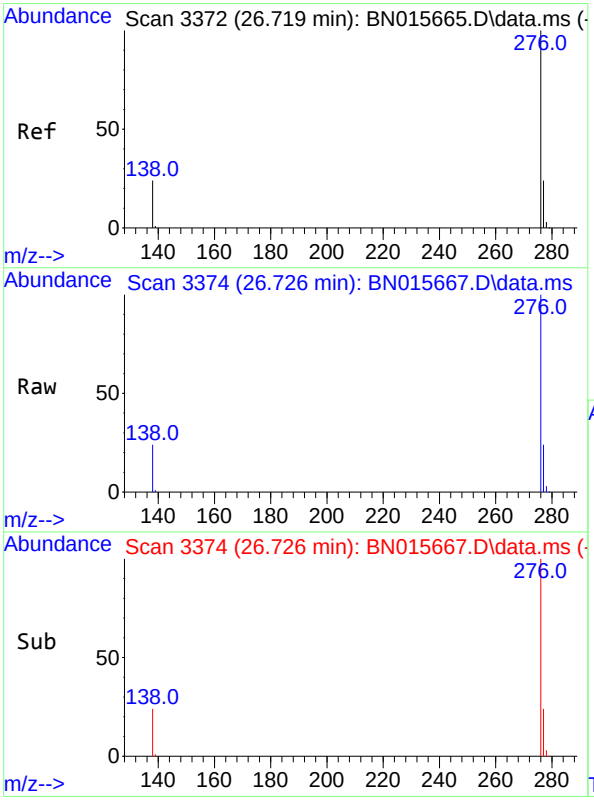


#40
Dibenzo(a,h)anthracene
Concen: 3.116 ng
RT: 26.020 min Scan# 3168
Delta R.T. 0.007 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:278 Resp: 466360

Ion	Ratio	Lower	Upper
278	100		
139	18.1	14.6	22.0
279	23.5	19.3	28.9





#41
Benzo(g,h,i)perylene
Concen: 3.204 ng
RT: 26.726 min Scan# 3374
Delta R.T. 0.007 min
Lab File: BN015667.D
Acq: 23 Jul 2021 13:14

Tgt Ion:276 Resp: 517806

Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	23.6	19.1	28.7