Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016959.D
Acq On : 14 Oct 2021 20:03
Operator : CG/JU
Sample : PB139115BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139115BSD

Quant Time: Oct 15 01:44:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	22904	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	100788	0.400	ng		0.00
13) Acenaphthene-d10	14.243	164	52059	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	94850	0.400	ng		0.00
29) Chrysene-d12	21.196	240	93376	0.400	ng		0.00
35) Perylene-d12	23.423	264	94935	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.227	112	18205	0.320	ng		0.00
5) Phenol-d6	6.794	99	19932	0.315	ng		0.00
8) Nitrobenzene-d5	8.759	82	18406	0.287	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	46767	0.328	ng		0.00
14) 2,4,6-Tribromophenol	15.741	330	6658	0.284	ng		0.00
15) 2-Fluorobiphenyl	12.860	172	67829	0.342	ng		0.00
27) Fluoranthene-d10	19.028	212	77212	0.320	ng		0.00
31) Terphenyl-d14	19.644	244	69559	0.336	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.217	88	4758	0.321	ng	#	50
3) n-Nitrosodimethylamine	3.539	42	5844	0.312	ng		97
6) bis(2-Chloroethyl)ether	7.052	93	21477	0.338	ng		100
9) Naphthalene	10.432	128	92029	0.324	ng		100
10) Hexachlorobutadiene	10.724	225	17146	0.334	ng	#	100
12) 2-Methylnaphthalene	12.047	142	57430	0.339	ng		99
16) Acenaphthylene	13.952	152	68501	0.318	ng		100
17) Acenaphthene	14.307	154	48613	0.334	ng		100
18) Fluorene	15.296	166	57889	0.332	ng		100
20) 4,6-Dinitro-2-methylph...	15.385	198	2740	0.379	ng		100
21) 4-Bromophenyl-phenylether	16.190	248	18708	0.329	ng		96
22) Hexachlorobenzene	16.300	284	22202	0.340	ng		100
23) Atrazine	16.470	200	11212	0.285	ng		100
24) Pentachlorophenol	16.653	266	5083	0.358	ng		100
25) Phenanthrene	17.030	178	92621	0.342	ng		100
26) Anthracene	17.127	178	76025	0.327	ng		100
28) Fluoranthene	19.058	202	101524	0.342	ng		100
30) Pyrene	19.425	202	100924	0.340	ng		100
32) Benzo(a)anthracene	21.174	228	93439	0.328	ng		100
33) Chrysene	21.227	228	105288	0.347	ng		100
34) Bis(2-ethylhexyl)phtha...	21.132	149	32704	0.346	ng		99
36) Indeno(1,2,3-cd)pyrene	25.672	276	118910	0.339	ng		99
37) Benzo(b)fluoranthene	22.755	252	102176	0.325	ng		100
38) Benzo(k)fluoranthene	22.800	252	106916	0.343	ng		99
39) Benzo(a)pyrene	23.324	252	91415	0.329	ng		99
40) Dibenzo(a,h)anthracene	25.692	278	96165	0.338	ng		99
41) Benzo(g,h,i)perylene	26.360	276	103683	0.334	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101421\
Data File : BN016959.D
Acq On : 14 Oct 2021 20:03
Operator : CG/JU
Sample : PB139115BSD
Misc :
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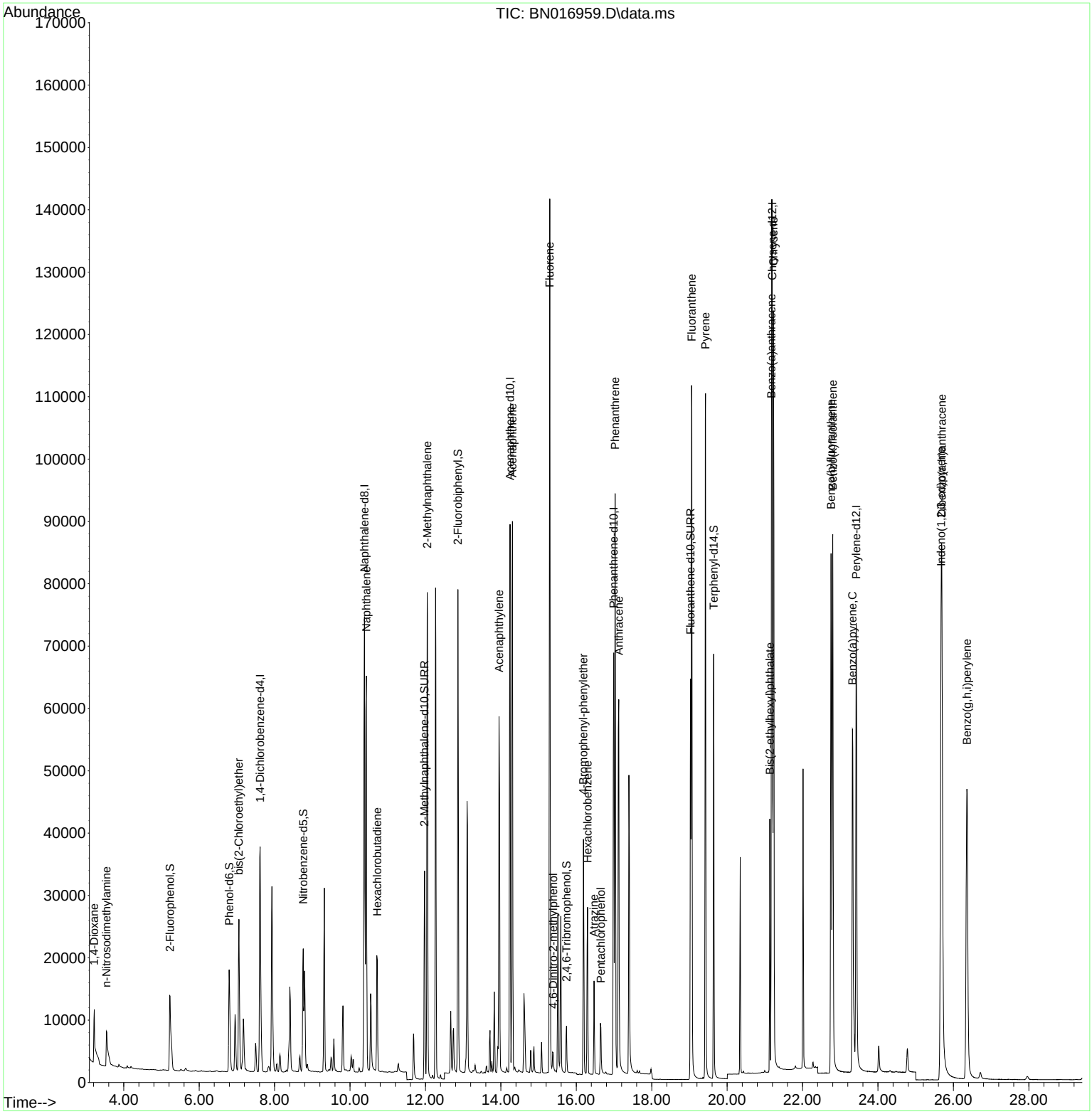
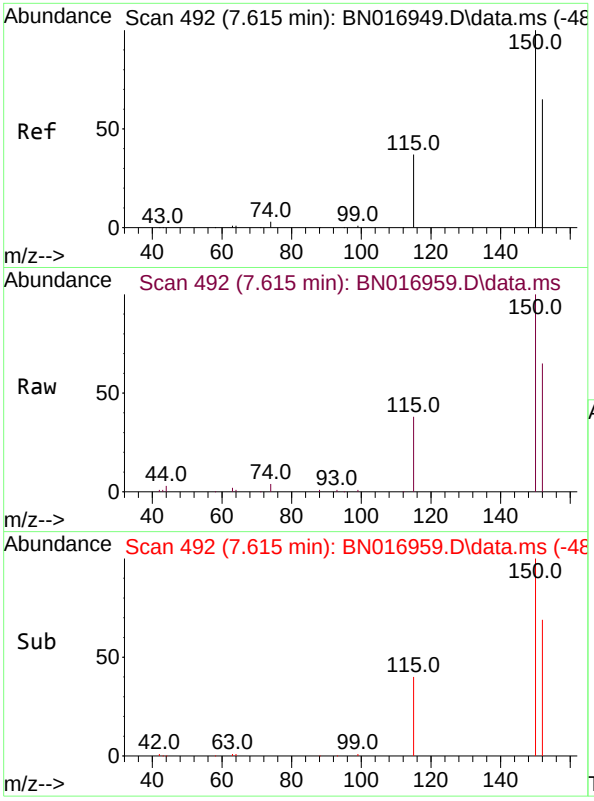
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

Quant Time: Oct 15 01:44:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 14 17:01:23 2021
Response via : Initial Calibration



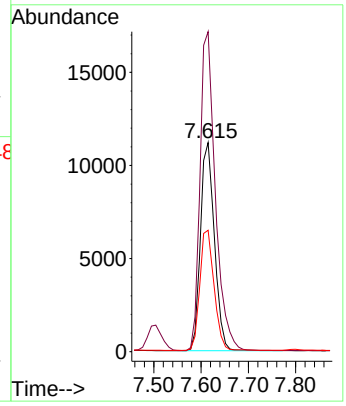
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

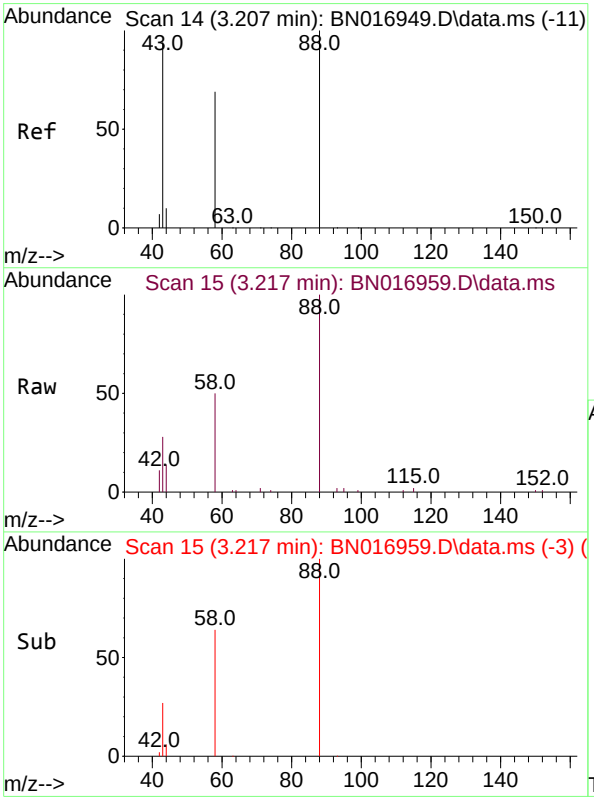


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:152 Resp: 22904

Ion	Ratio	Lower	Upper
152	100		
150	153.0	122.2	183.4
115	58.1	46.1	69.1

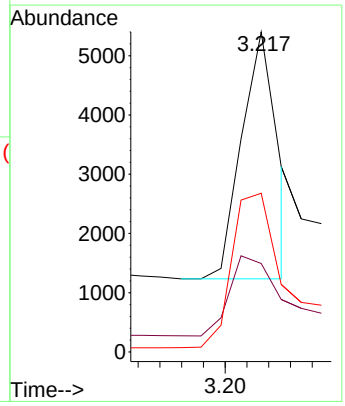




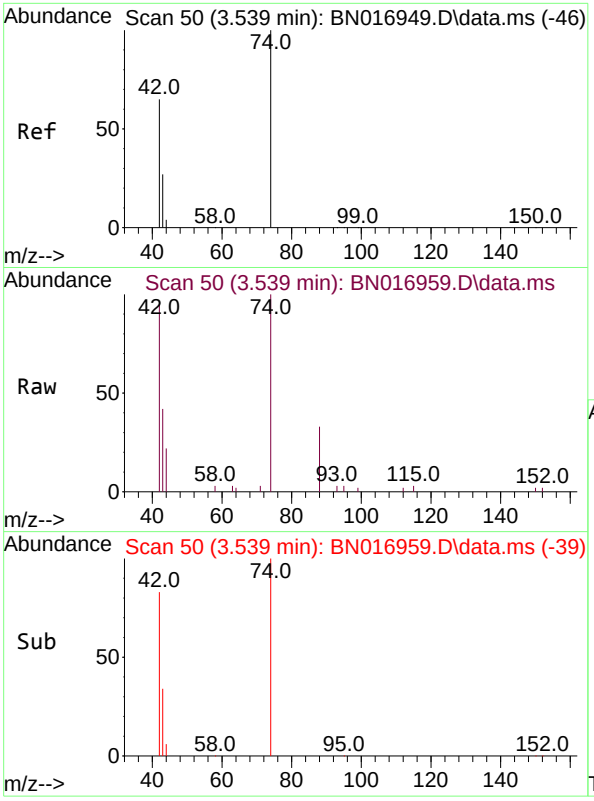
#2
1,4-Dioxane
Concen: 0.321 ng
RT: 3.217 min Scan# 15
Delta R.T. 0.009 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion: 88 Resp: 4758

Ion	Ratio	Lower	Upper
88	100		
43	40.5	107.1	160.7#
58	76.3	62.4	93.6



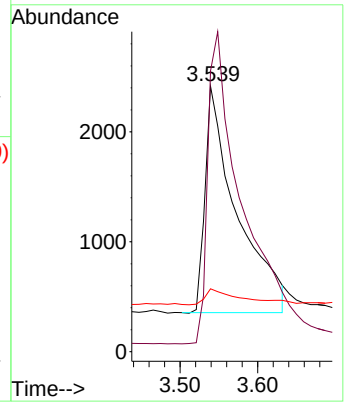
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

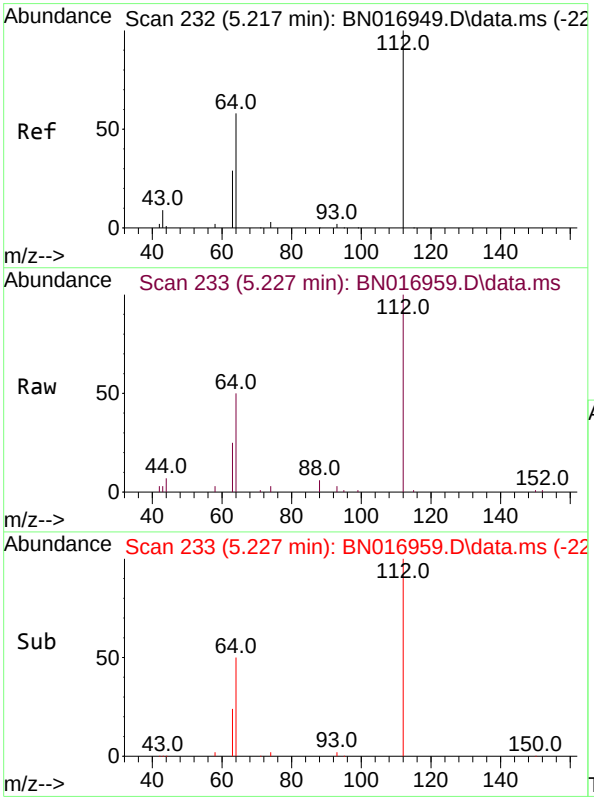


#3
n-Nitrosodimethylamine
Concen: 0.312 ng
RT: 3.539 min Scan# 50
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion: 42 Resp: 5844

Ion	Ratio	Lower	Upper
42	100		
74	147.3	114.9	172.3
44	7.4	5.4	8.2

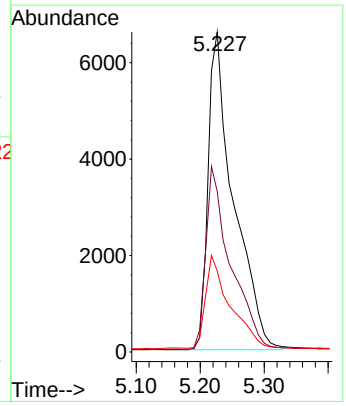




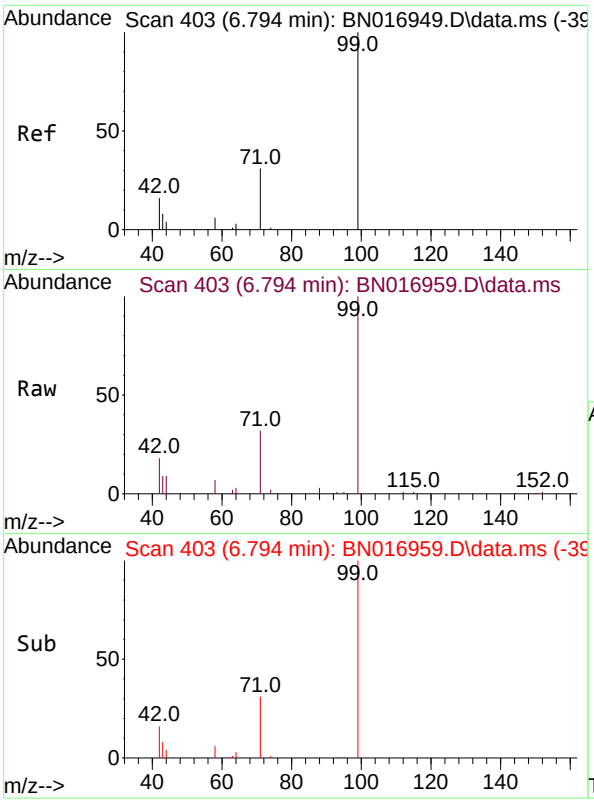
#4
2-Fluorophenol
Concen: 0.320 ng
RT: 5.227 min Scan# 233
Delta R.T. 0.009 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:112 Resp: 18205

Ion	Ratio	Lower	Upper
112	100		
64	56.2	44.7	67.1
63	28.2	22.6	33.8



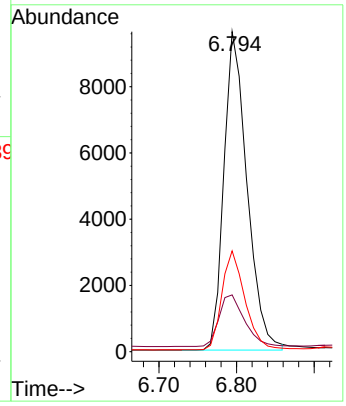
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

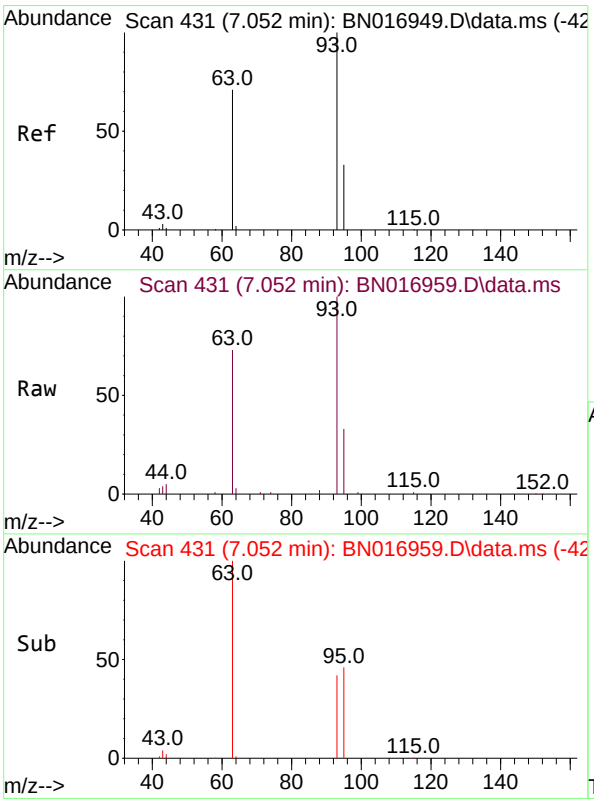


#5
Phenol-d6
Concen: 0.315 ng
RT: 6.794 min Scan# 403
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion: 99 Resp: 19932

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.2	21.4
71	30.9	24.6	36.8

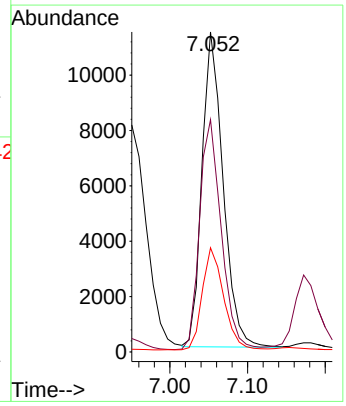




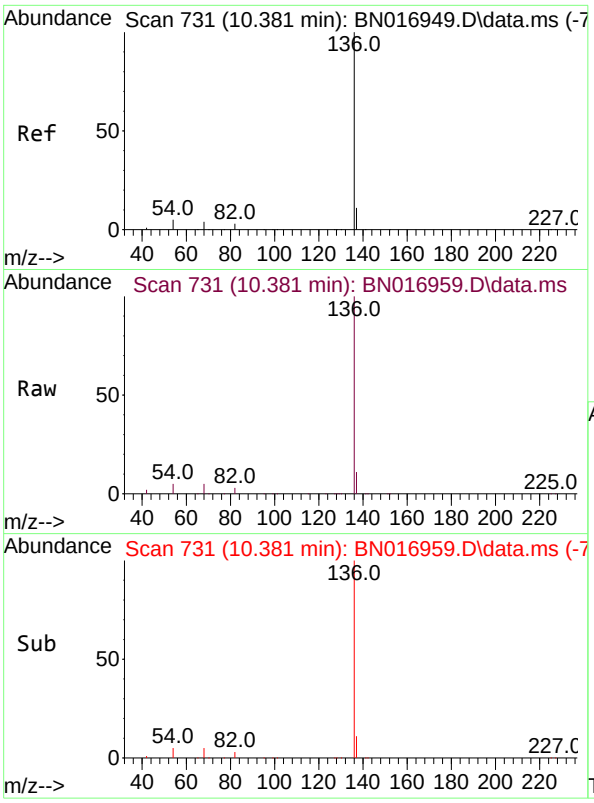
#6
bis(2-Chloroethyl)ether
Concen: 0.338 ng
RT: 7.052 min Scan# 431
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion: 93 Resp: 21477

Ion	Ratio	Lower	Upper
93	100		
63	74.9	60.0	90.0
95	32.9	26.5	39.7



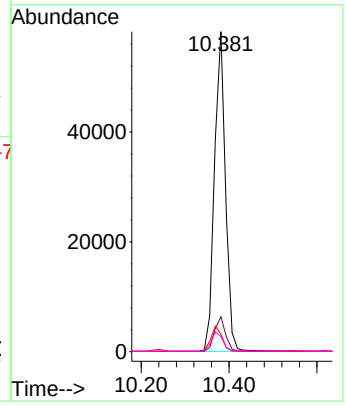
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

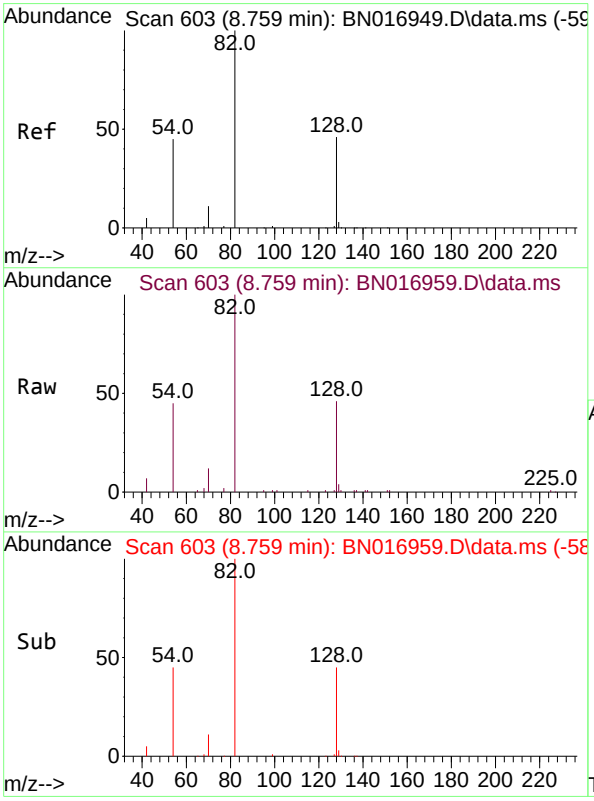


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:136 Resp: 100788

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.4	4.3	6.5
68	4.7	3.7	5.5

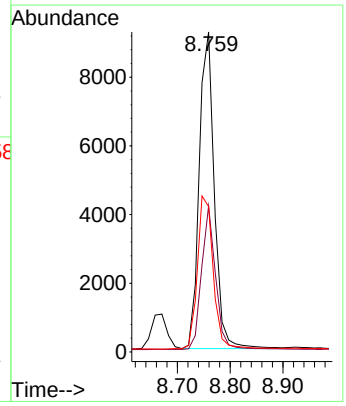




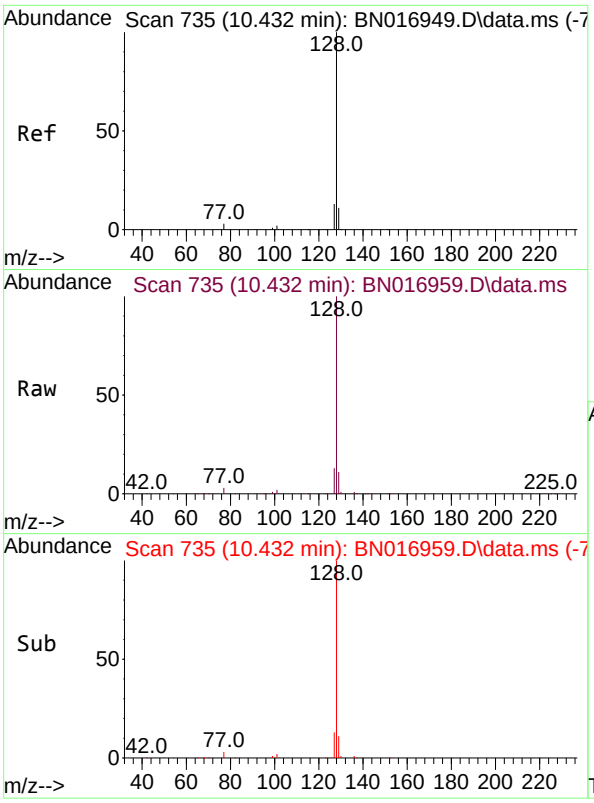
#8
Nitrobenzene-d5
Concen: 0.287 ng
RT: 8.759 min Scan# 603
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion: 82 Resp: 18406

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.0	55.4
54	45.4	36.2	54.4



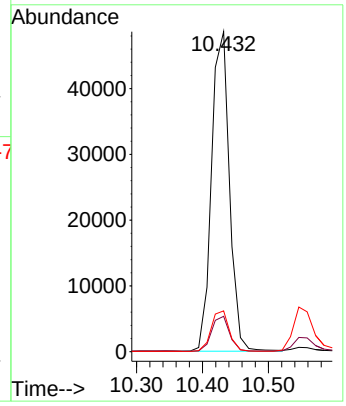
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

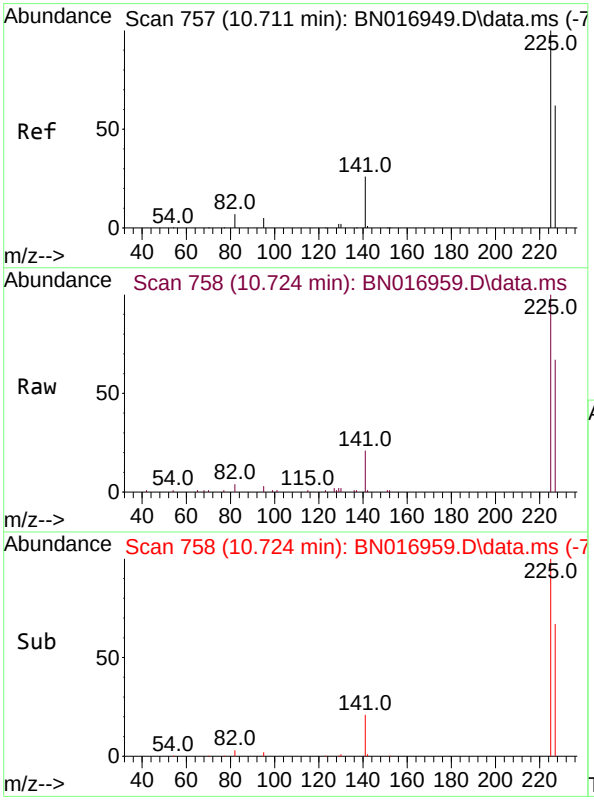


#9
Naphthalene
Concen: 0.324 ng
RT: 10.432 min Scan# 735
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:128 Resp: 92029

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	12.8	10.2	15.2

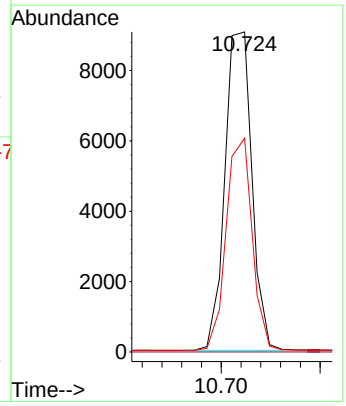




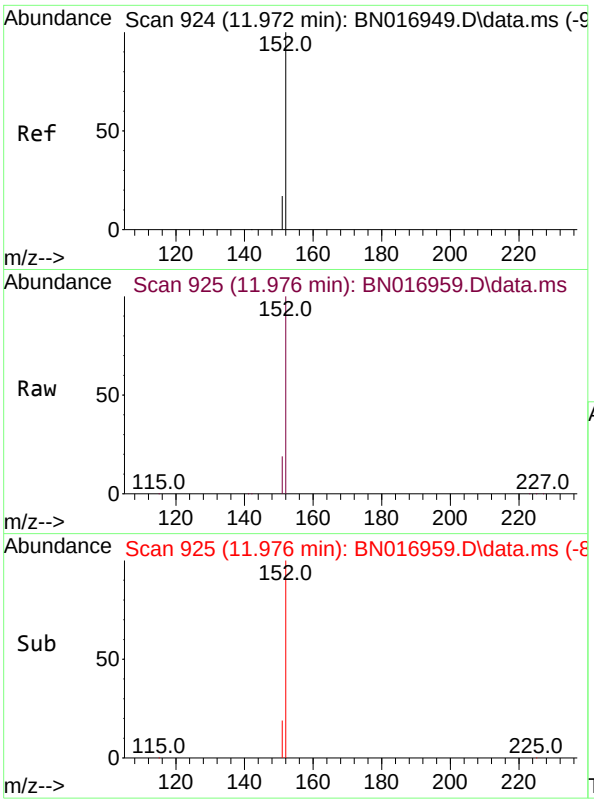
#10
Hexachlorobutadiene
Concen: 0.334 ng
RT: 10.724 min Scan# 758
Delta R.T. 0.013 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:225 Resp: 17146

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



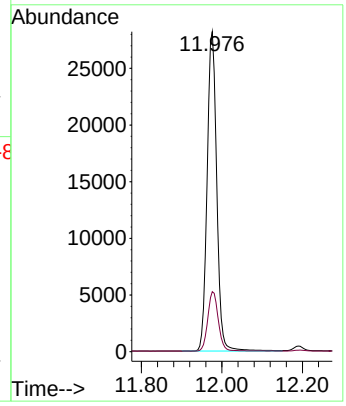
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

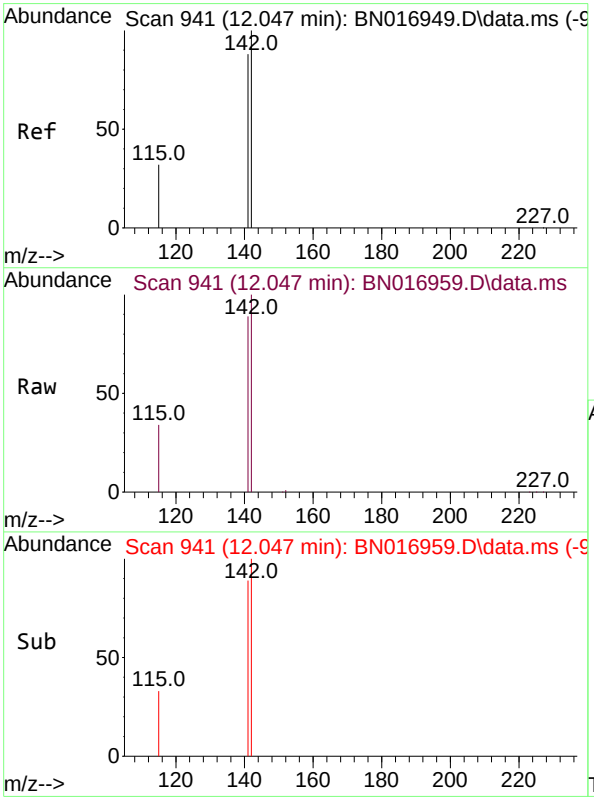


#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 11.976 min Scan# 925
Delta R.T. 0.004 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:152 Resp: 46767

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5

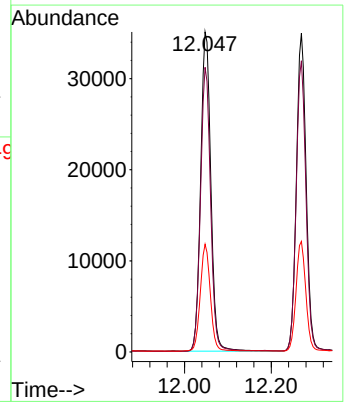




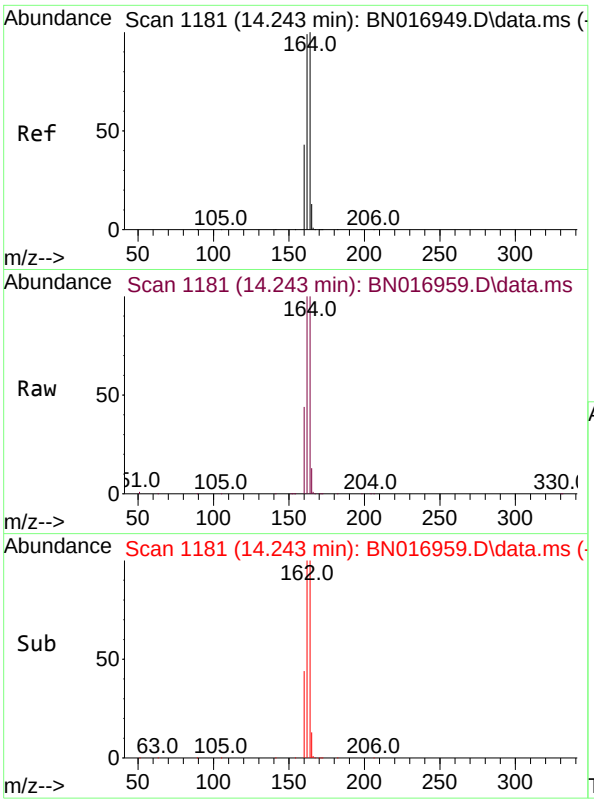
#12
2-Methylnaphthalene
Concen: 0.339 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:142 Resp: 57430

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.2	105.4
115	33.6	26.1	39.1



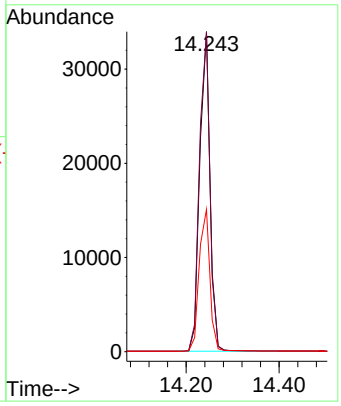
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

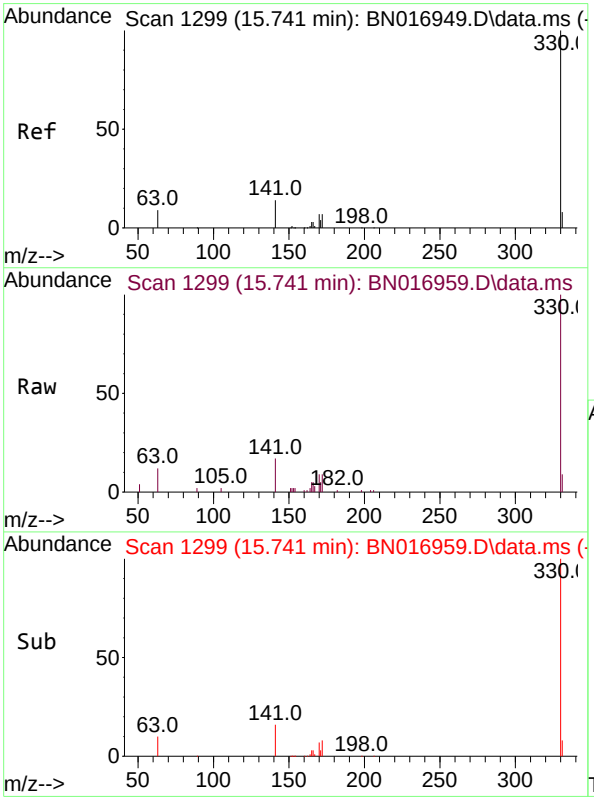


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:164 Resp: 52059

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.1	118.7
160	44.5	34.7	52.1

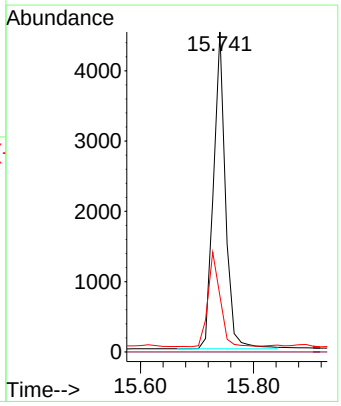




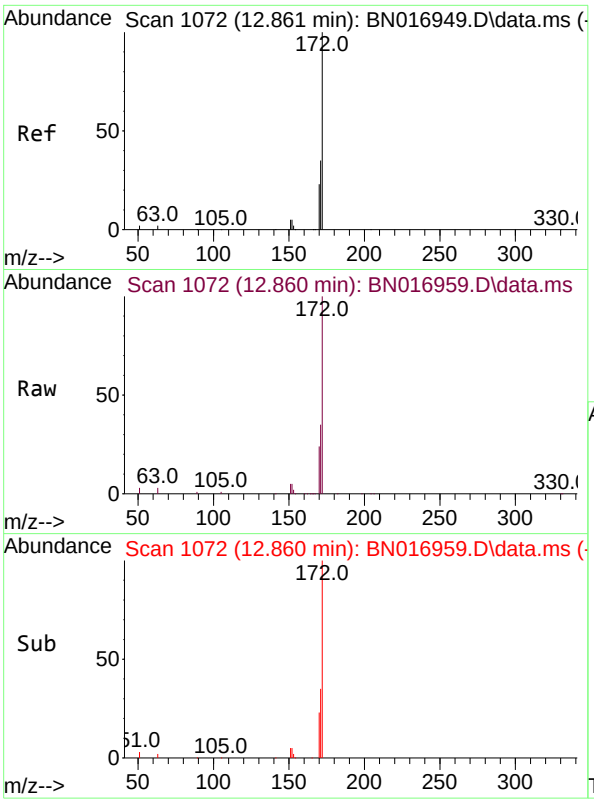
#14
2,4,6-Tribromophenol
Concen: 0.284 ng
RT: 15.741 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:330 Resp: 6658

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.0	24.2	36.2



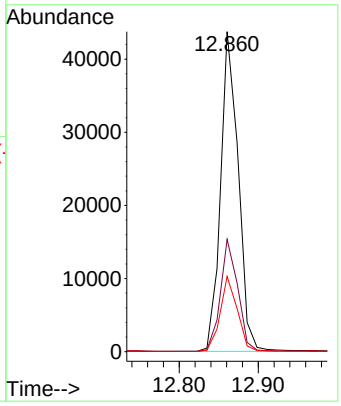
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

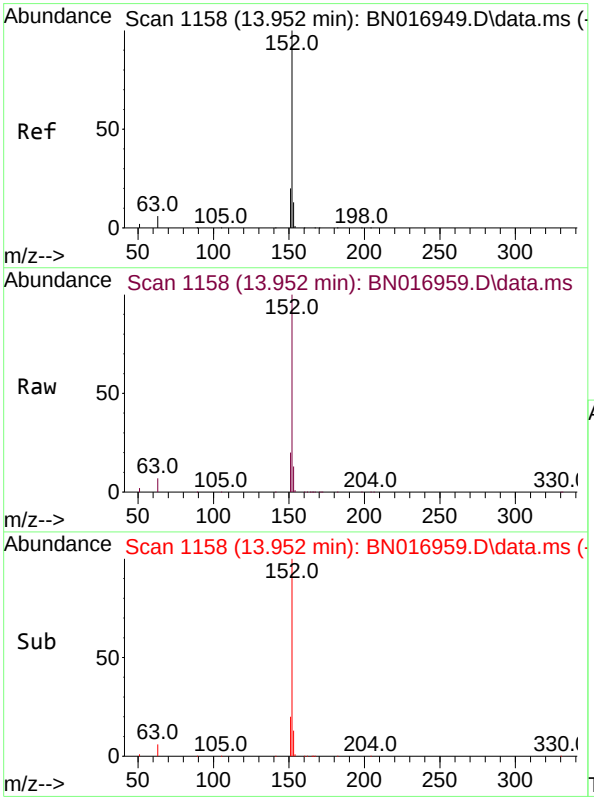


#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:172 Resp: 67829

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	23.5	18.6	27.8

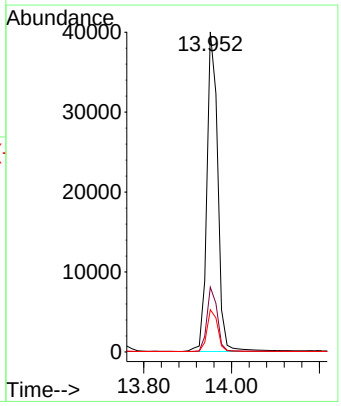




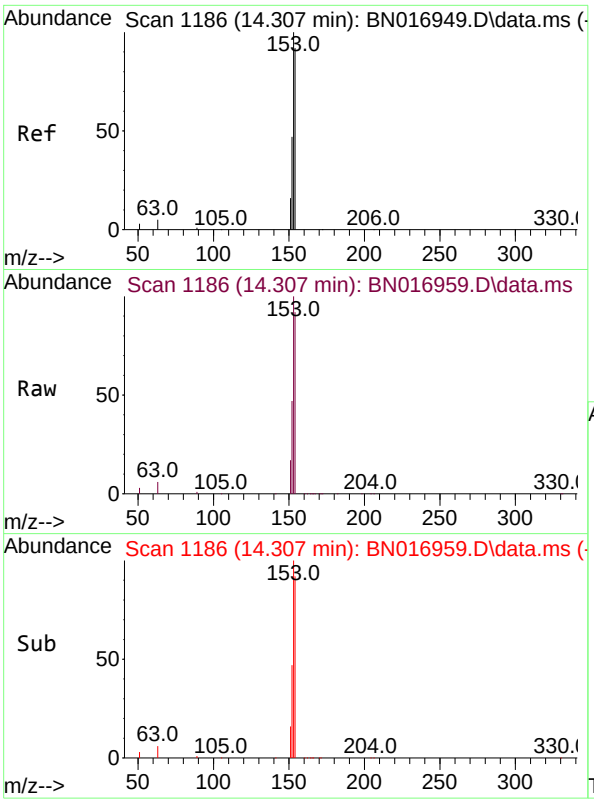
#16
Acenaphthylene
Concen: 0.318 ng
RT: 13.952 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:152 Resp: 68501

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.1	10.5	15.7



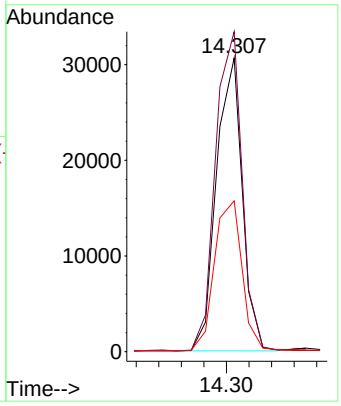
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

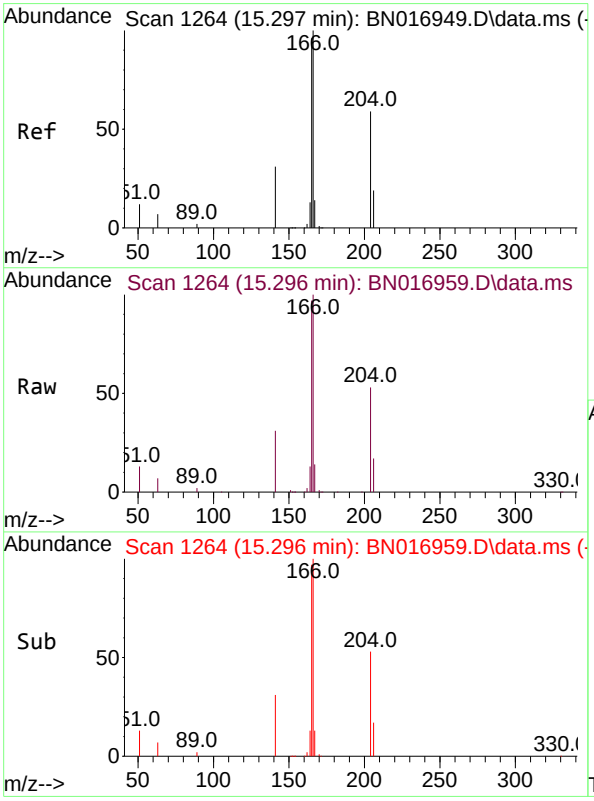


#17
Acenaphthene
Concen: 0.334 ng
RT: 14.307 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:154 Resp: 48613

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.6	135.8
152	54.9	44.2	66.2

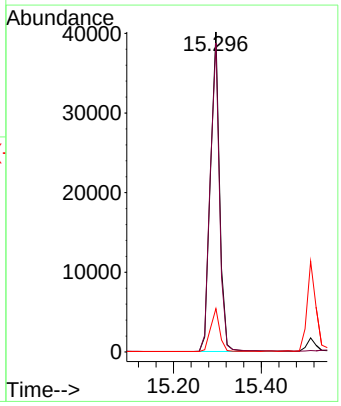




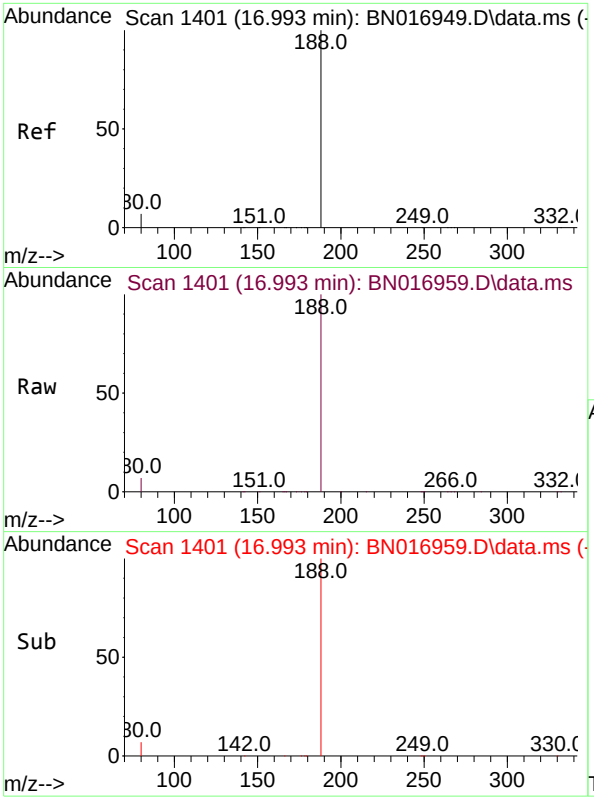
#18
Fluorene
Concen: 0.332 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:166 Resp: 57889

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.4	10.7	16.1



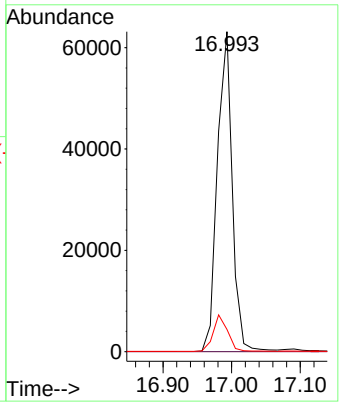
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

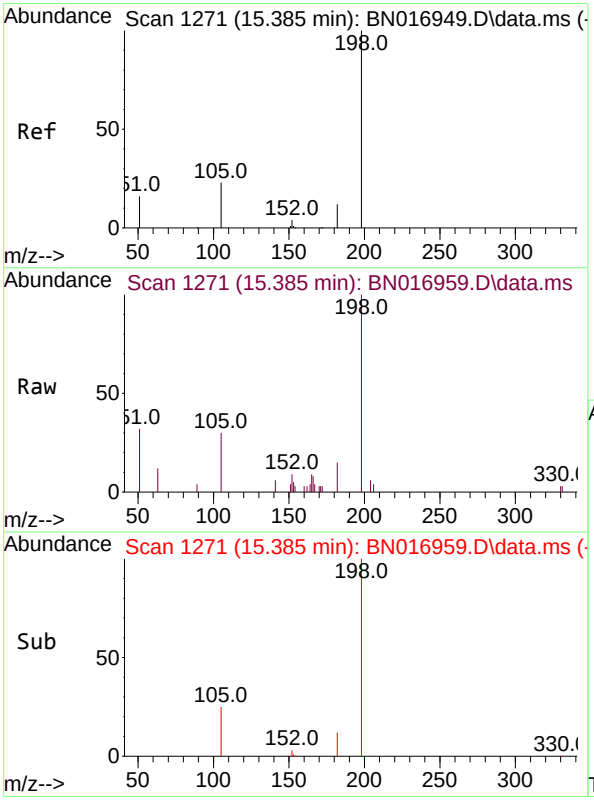


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:188 Resp: 94850

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.9	5.6	8.4

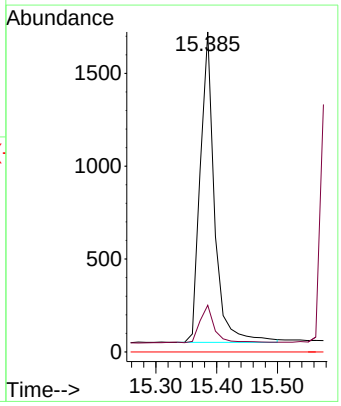




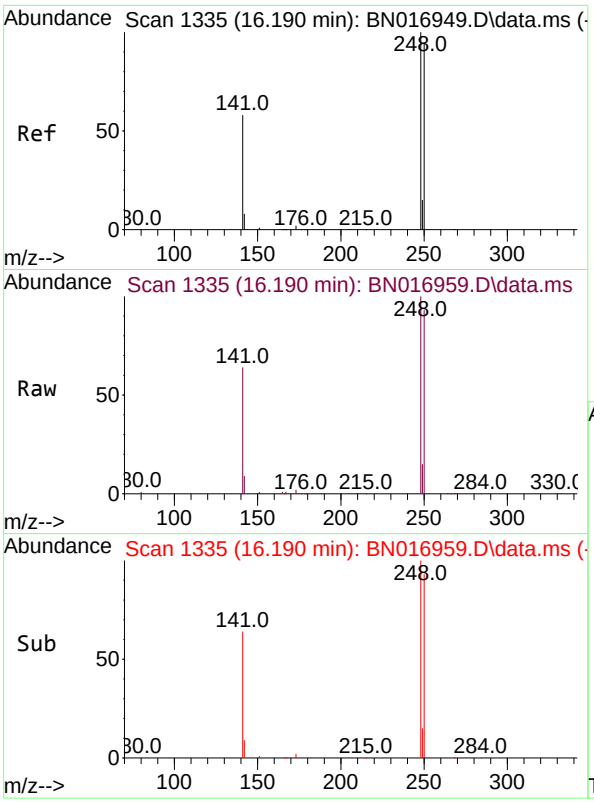
#20
4,6-Dinitro-2-methylphenol
Concen: 0.379 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:198 Resp: 2740

Ion	Ratio	Lower	Upper
198	100		
182	14.6	11.5	17.3
77	0.0	0.0	0.0



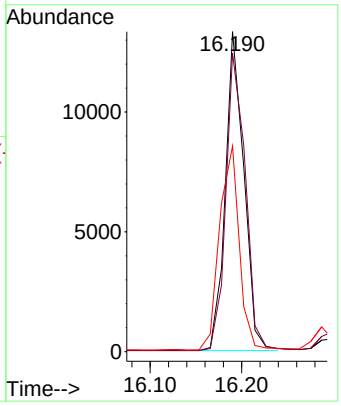
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

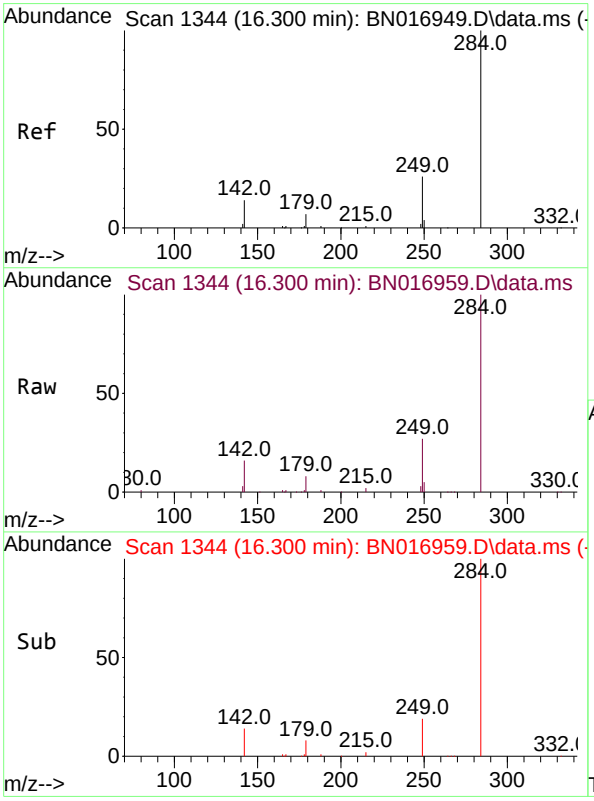


#21
4-Bromophenyl-phenylether
Concen: 0.329 ng
RT: 16.190 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:248 Resp: 18708

Ion	Ratio	Lower	Upper
248	100		
250	93.3	76.1	114.1
141	64.2	46.6	70.0

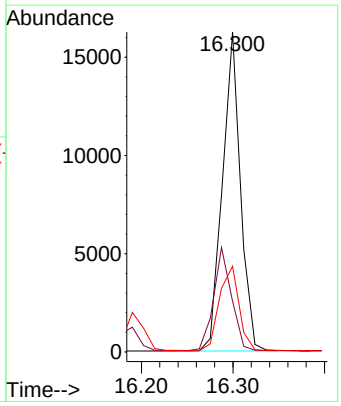




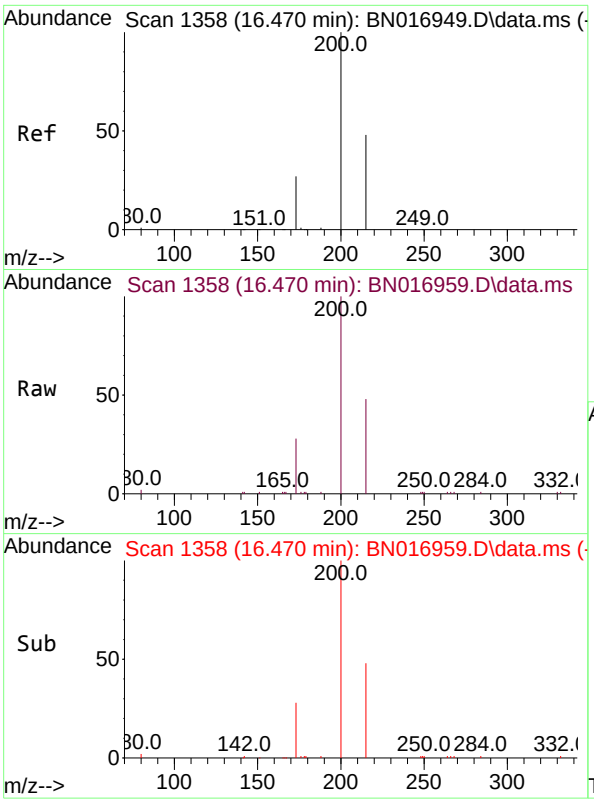
#22
Hexachlorobenzene
Concen: 0.340 ng
RT: 16.300 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:284 Resp: 22202

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.9	38.9
249	29.1	23.3	34.9



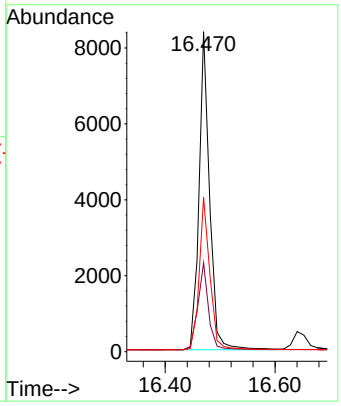
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

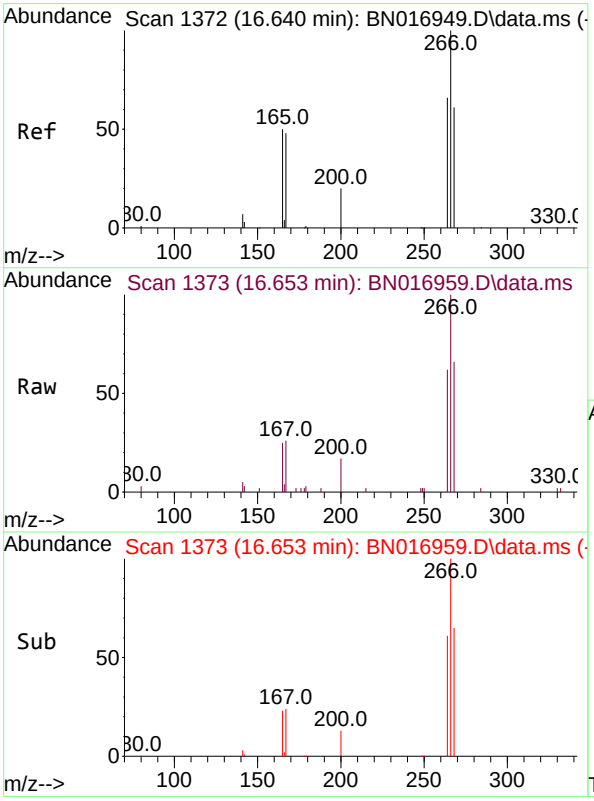


#23
Atrazine
Concen: 0.285 ng
RT: 16.470 min Scan# 1358
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:200 Resp: 11212

Ion	Ratio	Lower	Upper
200	100		
173	27.7	21.7	32.5
215	48.2	38.6	57.8

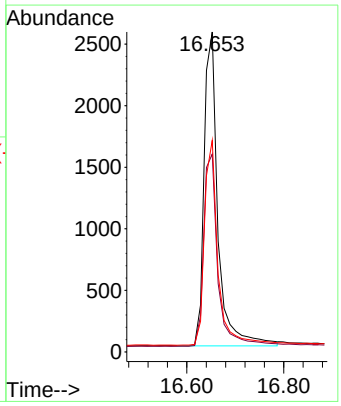




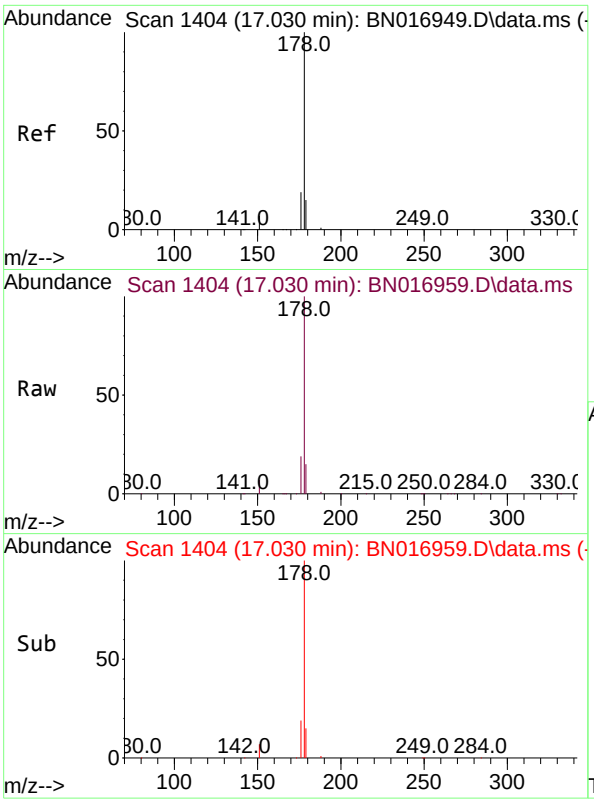
#24
Pentachlorophenol
Concen: 0.358 ng
RT: 16.653 min Scan# 1373
Delta R.T. 0.012 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:266 Resp: 5083

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.3	75.5
268	64.2	51.1	76.7



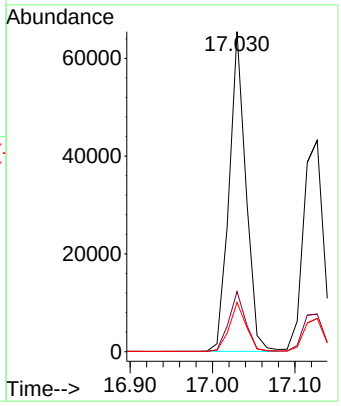
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

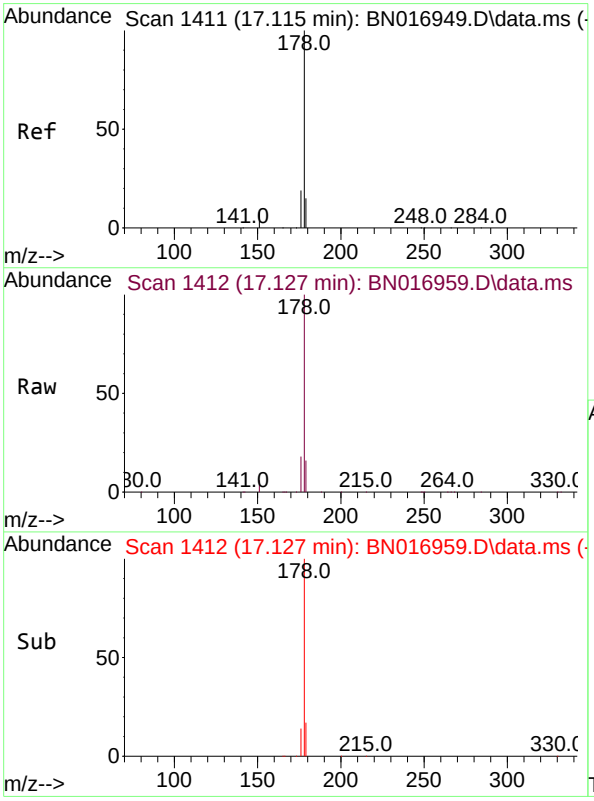


#25
Phenanthrene
Concen: 0.342 ng
RT: 17.030 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:178 Resp: 92621

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.6	12.2	18.4

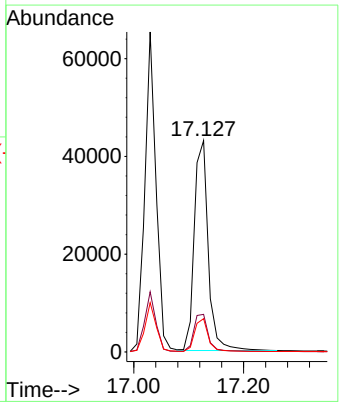


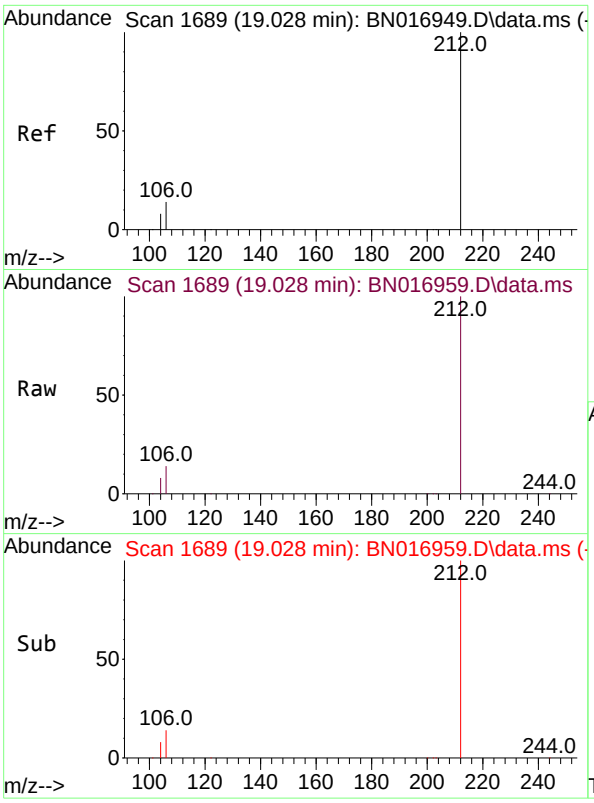


#26
Anthracene
Concen: 0.327 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:178 Resp: 76025

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.3	12.3	18.5

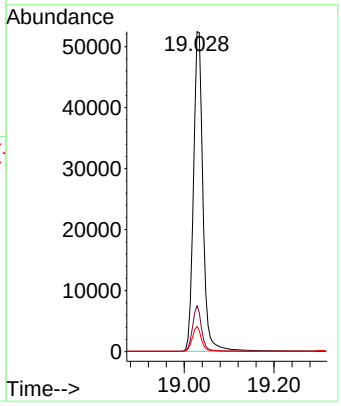




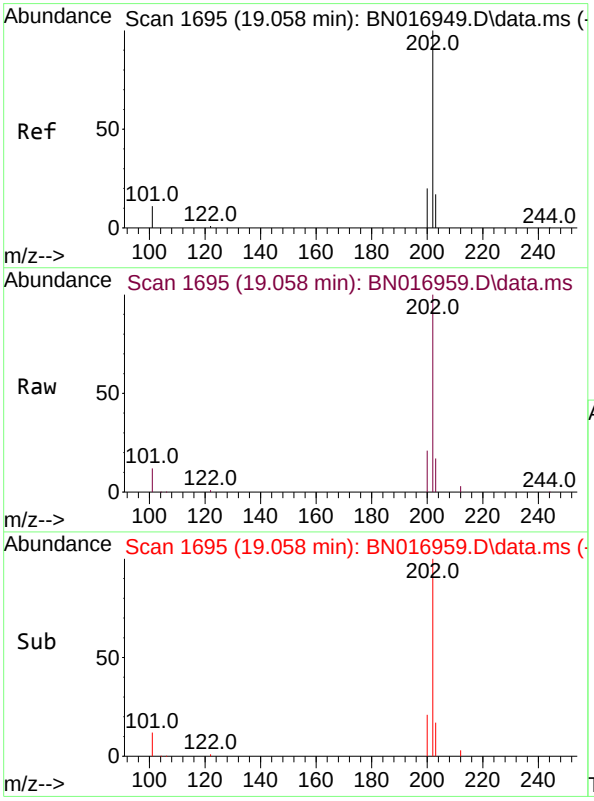
#27
Fluoranthene-d10
Concen: 0.320 ng
RT: 19.028 min Scan# 1689
Delta R.T. 0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:212 Resp: 77212

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.9	16.3
104	7.4	6.0	9.0



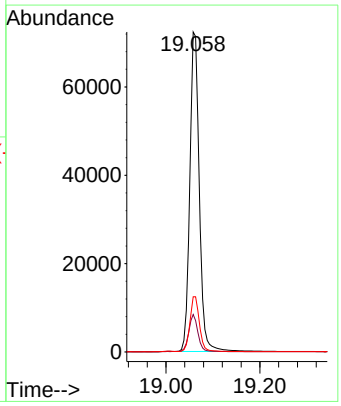
Instrument :
BNA_N
ClientSampleId :
PB139115BSD



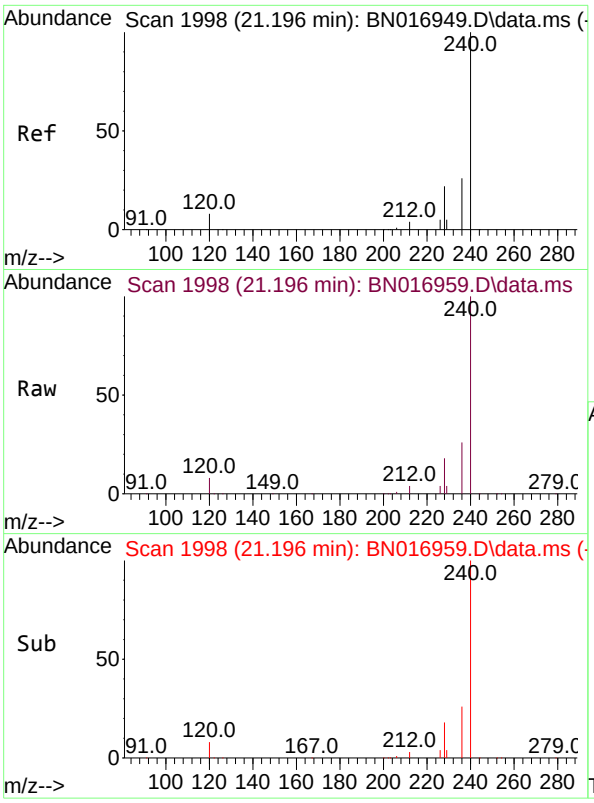
#28
Fluoranthene
Concen: 0.342 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:202 Resp: 101524

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.1	13.7
203	17.4	13.8	20.8



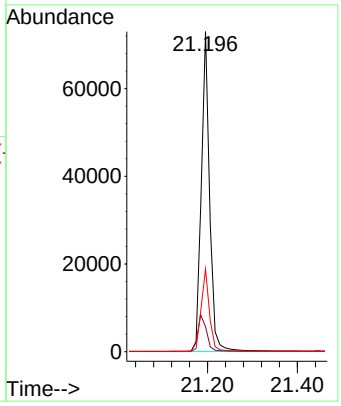
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

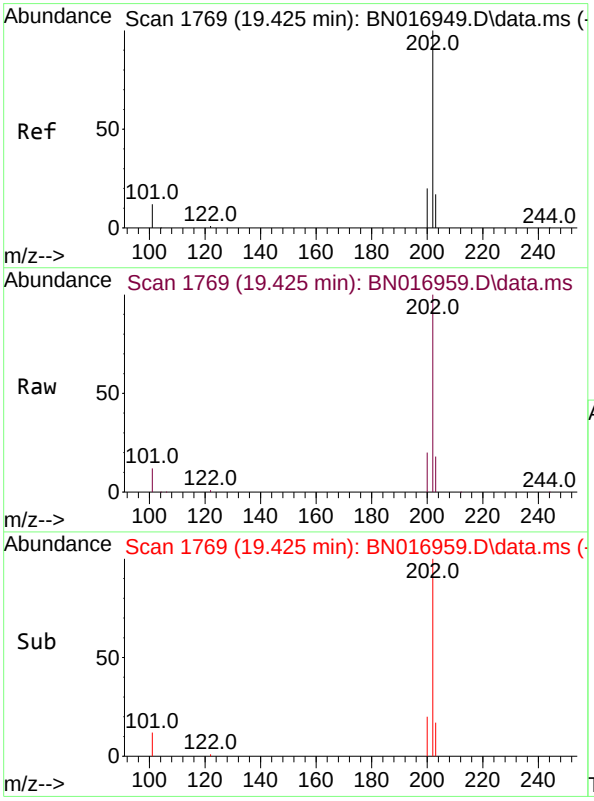


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:240 Resp: 93376

Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.5	9.7
236	25.8	20.8	31.2

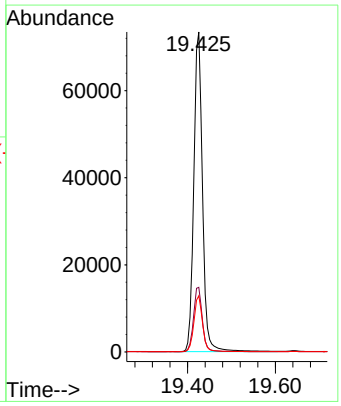




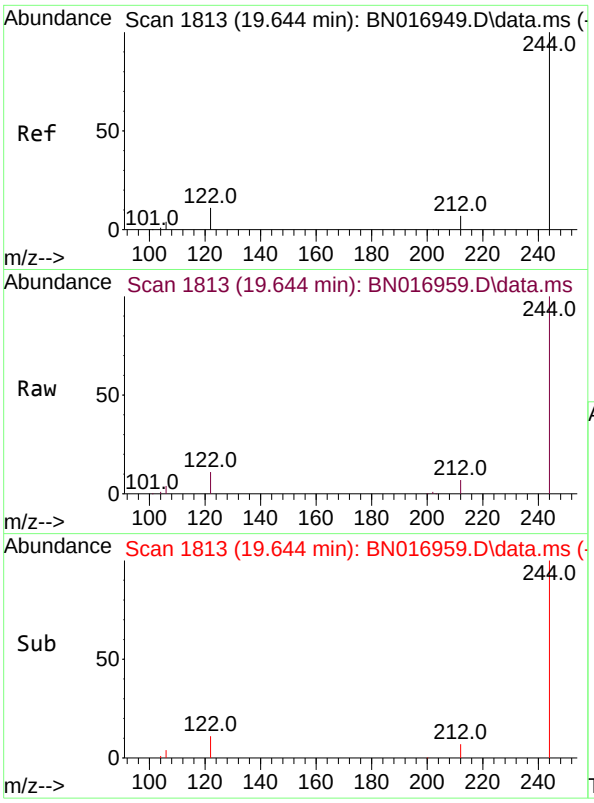
#30
Pyrene
Concen: 0.340 ng
RT: 19.425 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:202 Resp: 100924

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.5	14.0	21.0



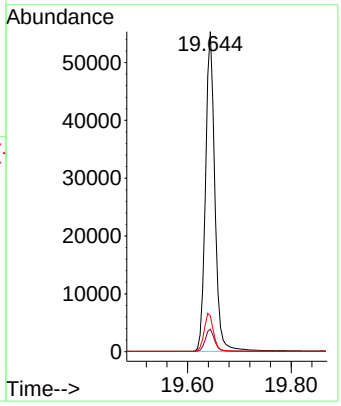
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

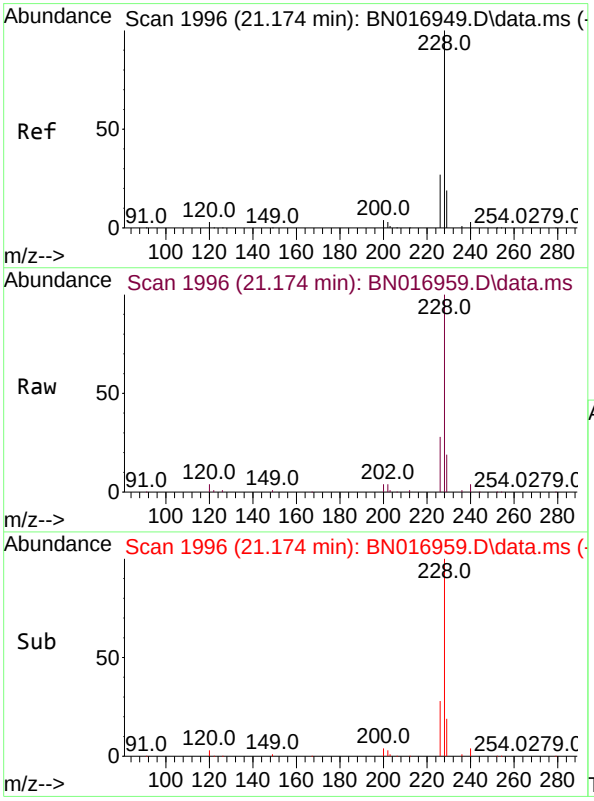


#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.644 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:244 Resp: 69559

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.2	9.2	13.8

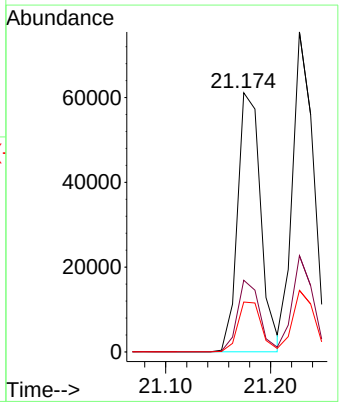




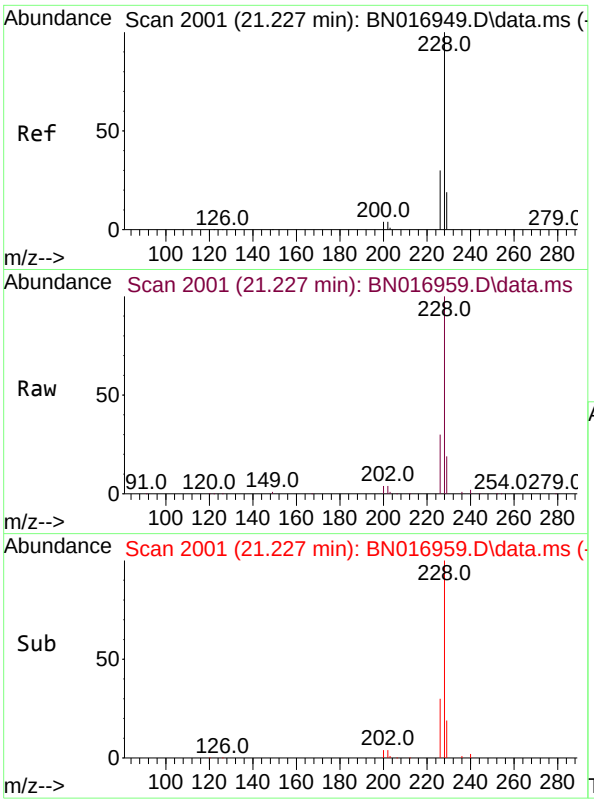
#32
Benzo(a)anthracene
Concen: 0.328 ng
RT: 21.174 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:228 Resp: 93439

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.9	32.9
229	19.3	15.3	22.9



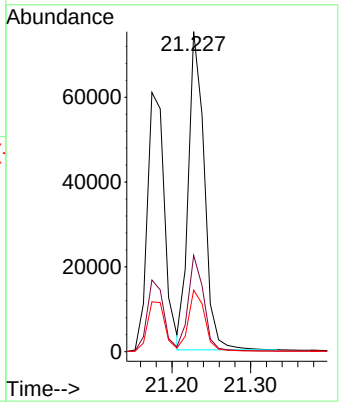
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

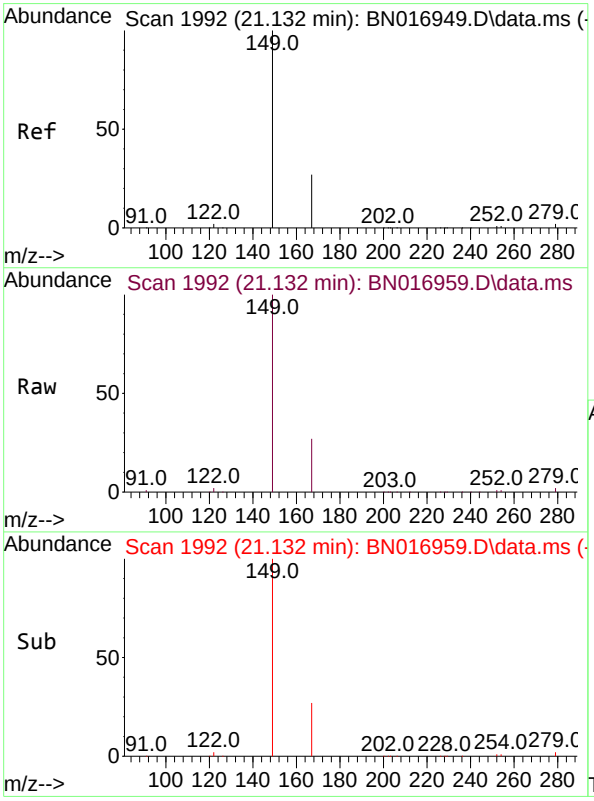


#33
Chrysene
Concen: 0.347 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:228 Resp: 105288

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	19.3	15.3	22.9

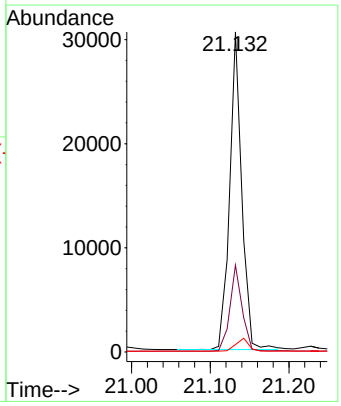




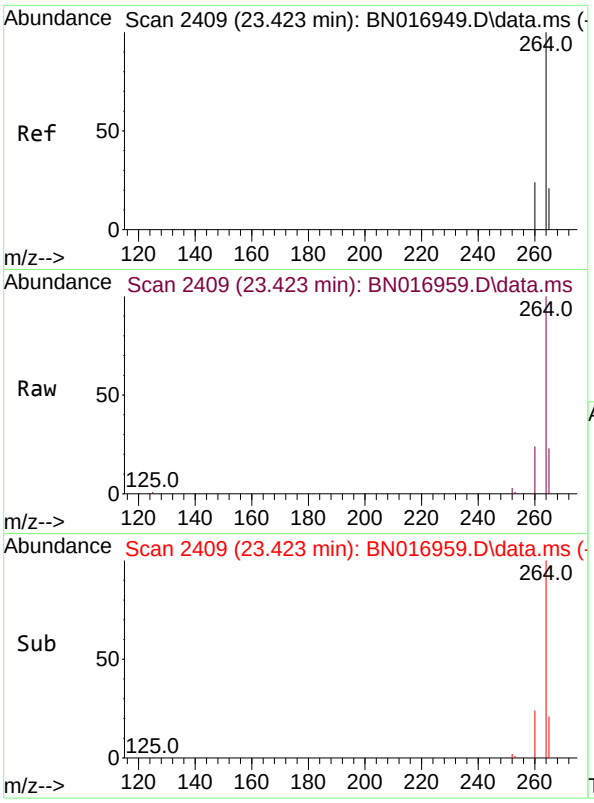
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.132 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:149 Resp: 32704

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.0	33.0
279	4.3	3.4	5.2



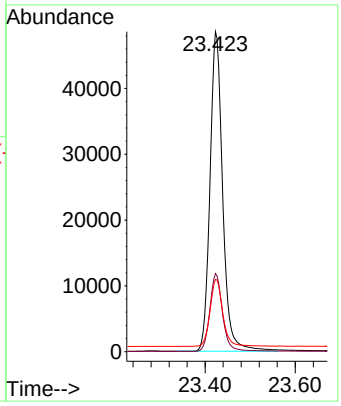
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

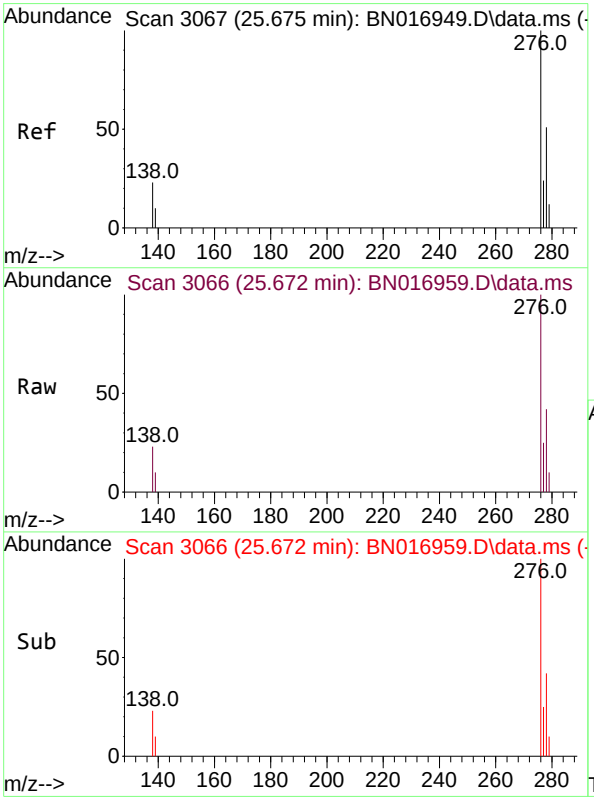


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:264 Resp: 94935

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	22.6	18.8	28.2

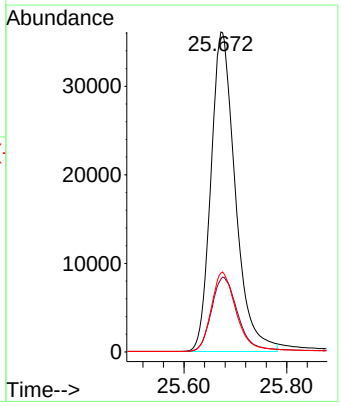




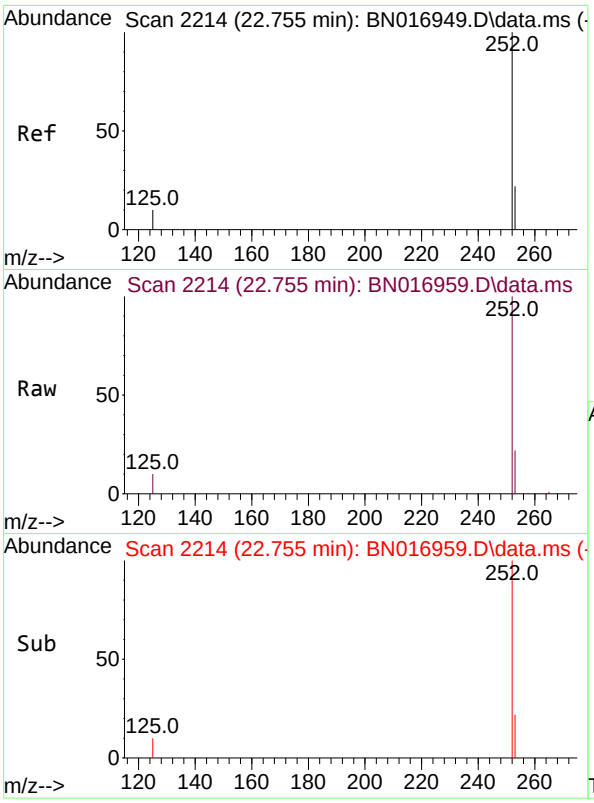
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng
RT: 25.672 min Scan# 3066
Delta R.T. -0.003 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:276 Resp: 118910

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.2
277	25.2	20.1	30.1



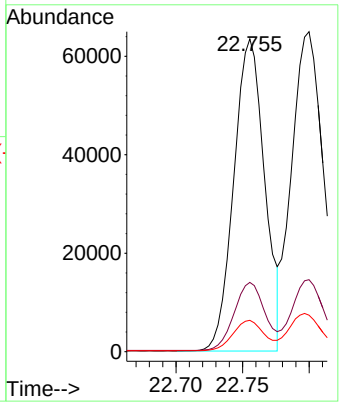
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

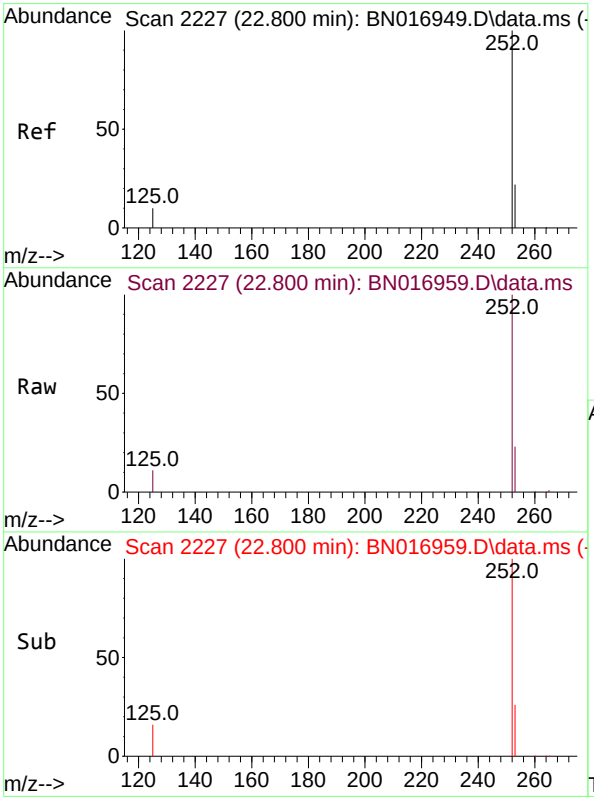


#37
Benzo(b)fluoranthene
Concen: 0.325 ng
RT: 22.755 min Scan# 2214
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:252 Resp: 102176

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.0	7.9	11.9

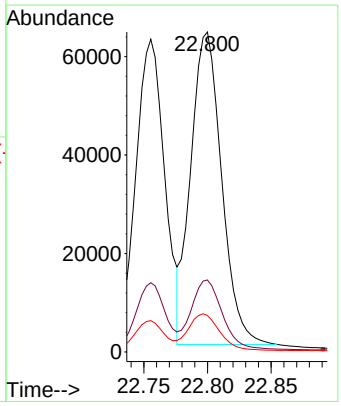




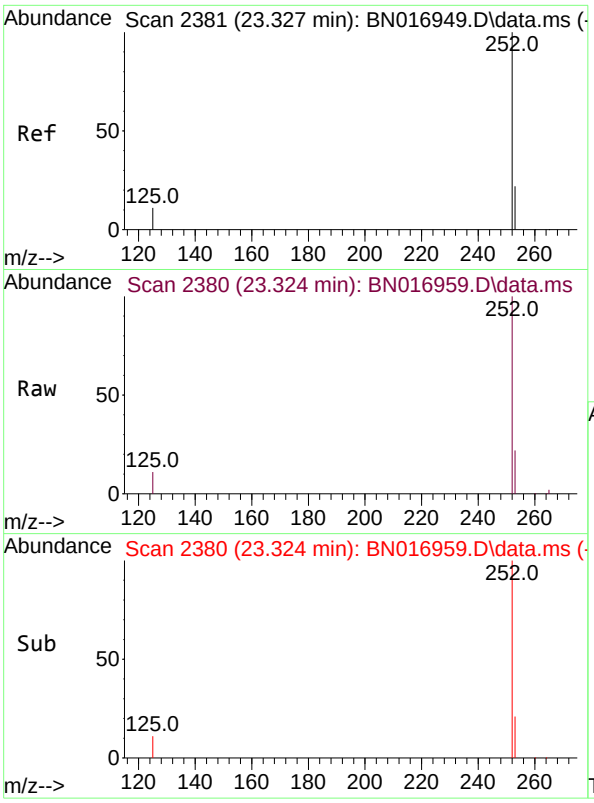
#38
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 22.800 min Scan# 2227
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:252 Resp: 106916

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.4	8.4	12.6



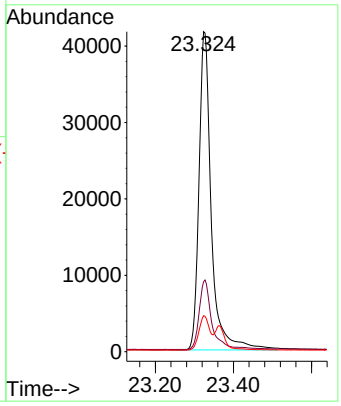
Instrument :
BNA_N
ClientSampleId :
PB139115BSD

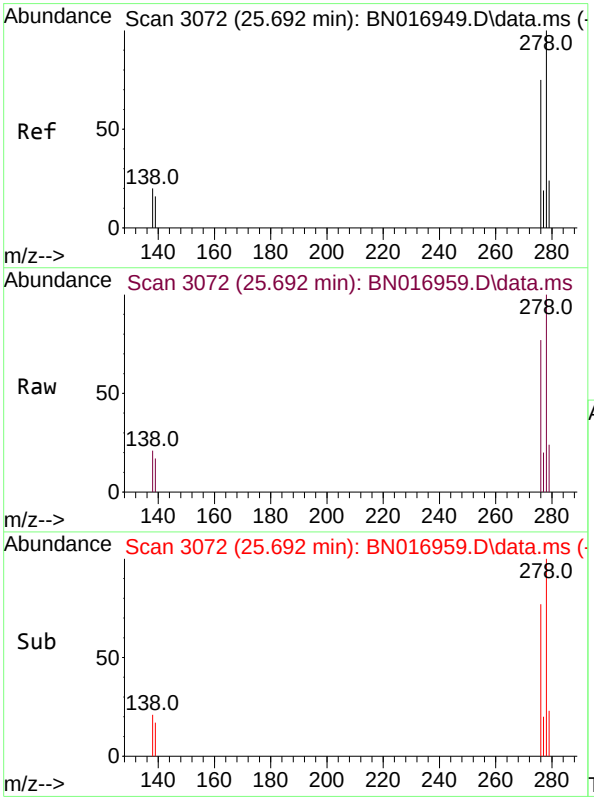


#39
Benzo(a)pyrene
Concen: 0.329 ng
RT: 23.324 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:252 Resp: 91415

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	11.3	9.0	13.6

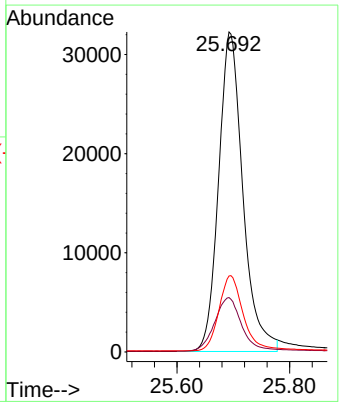


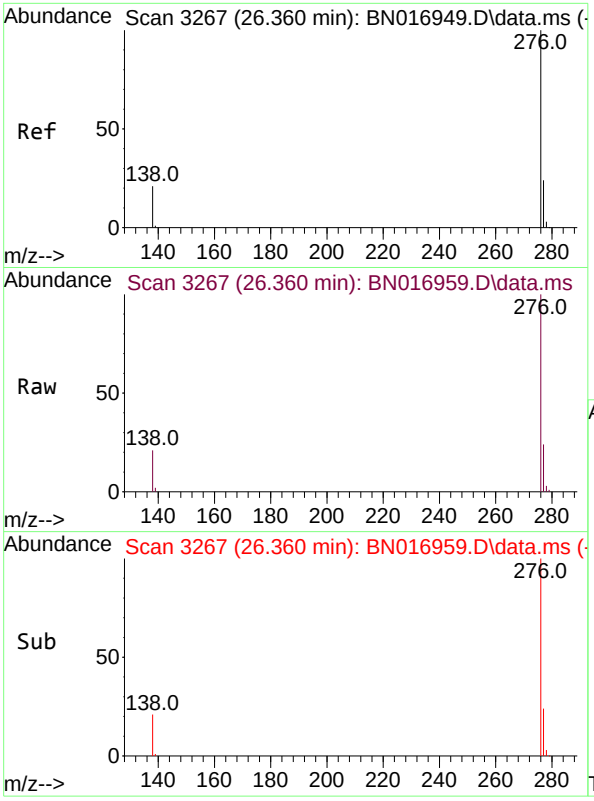


#40
Dibenzo(a,h)anthracene
Concen: 0.338 ng
RT: 25.692 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:278 Resp: 96165

Ion	Ratio	Lower	Upper
278	100		
139	17.0	13.0	19.6
279	23.8	19.1	28.7

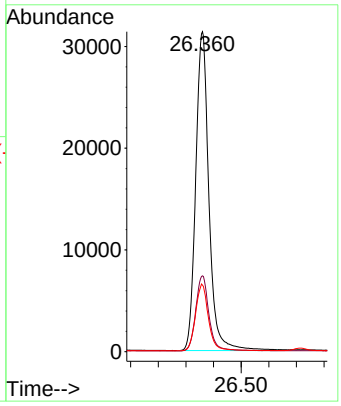




#41
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.360 min Scan# 3267
Delta R.T. -0.000 min
Lab File: BN016959.D
Acq: 14 Oct 2021 20:03

Tgt Ion:276 Resp: 103683

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	20.8	16.8	25.2



Instrument :
BNA_N
ClientSampleId :
PB139115BSD