Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016673.D
Acq On : 02 Oct 2021 16:33
Operator : CG/JU
Sample : PB139306BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139306BS

Quant Time: Oct 04 03:34:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	36550	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	161698	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	85988	0.400	ng		0.00
19) Phenanthrene-d10	17.017	188	160156	0.400	ng		#-0.01
29) Chrysene-d12	21.238	240	152389	0.400	ng		0.00
35) Perylene-d12	23.488	264	155562	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	32997	0.355	ng		0.00
5) Phenol-d6	6.822	99	36030	0.354	ng		0.00
8) Nitrobenzene-d5	8.784	82	34192	0.324	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	89562	0.375	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12572	0.321	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	127101	0.365	ng		-0.01
27) Fluoranthene-d10	19.068	212	156716	0.368	ng		0.00
31) Terphenyl-d14	19.678	244	129930	0.392	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	4980	0.296	ng	#	88
3) n-Nitrosodimethylamine	3.594	42	10136	0.376	ng		96
6) bis(2-Chloroethyl)ether	7.080	93	38387	0.387	ng		100
9) Naphthalene	10.457	128	161403	0.367	ng		100
10) Hexachlorobutadiene	10.749	225	31303	0.379	ng	#	100
12) 2-Methylnaphthalene	12.078	142	106619	0.380	ng		98
16) Acenaphthylene	13.990	152	130394	0.347	ng		100
17) Acenaphthene	14.332	154	93127	0.368	ng		100
18) Fluorene	15.322	166	111019	0.371	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	2370	0.251	ng		100
21) 4-Bromophenyl-phenylether	16.226	248	35529	0.357	ng	#	92
22) Hexachlorobenzene	16.324	284	42955	0.373	ng		99
23) Atrazine	16.494	200	21886	0.303	ng	#	90
24) Pentachlorophenol	16.677	266	11530	0.302	ng		99
25) Phenanthrene	17.066	178	178886	0.371	ng		100
26) Anthracene	17.151	178	143508	0.345	ng		100
28) Fluoranthene	19.093	202	197117	0.379	ng		100
30) Pyrene	19.460	202	195227	0.396	ng		100
32) Benzo(a)anthracene	21.217	228	170557	0.365	ng		99
33) Chrysene	21.270	228	190591	0.402	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	54899	0.294	ng		99
36) Indeno(1,2,3-cd)pyrene	25.767	276	196547	0.354	ng		100
37) Benzo(b)fluoranthene	22.810	252	181180	0.362	ng		100
38) Benzo(k)fluoranthene	22.855	252	192203	0.389	ng		99
39) Benzo(a)pyrene	23.389	252	166521	0.374	ng		99
40) Dibenzo(a,h)anthracene	25.788	278	152970	0.342	ng		99
41) Benzo(g,h,i)perylene	26.459	276	172627	0.352	ng		100

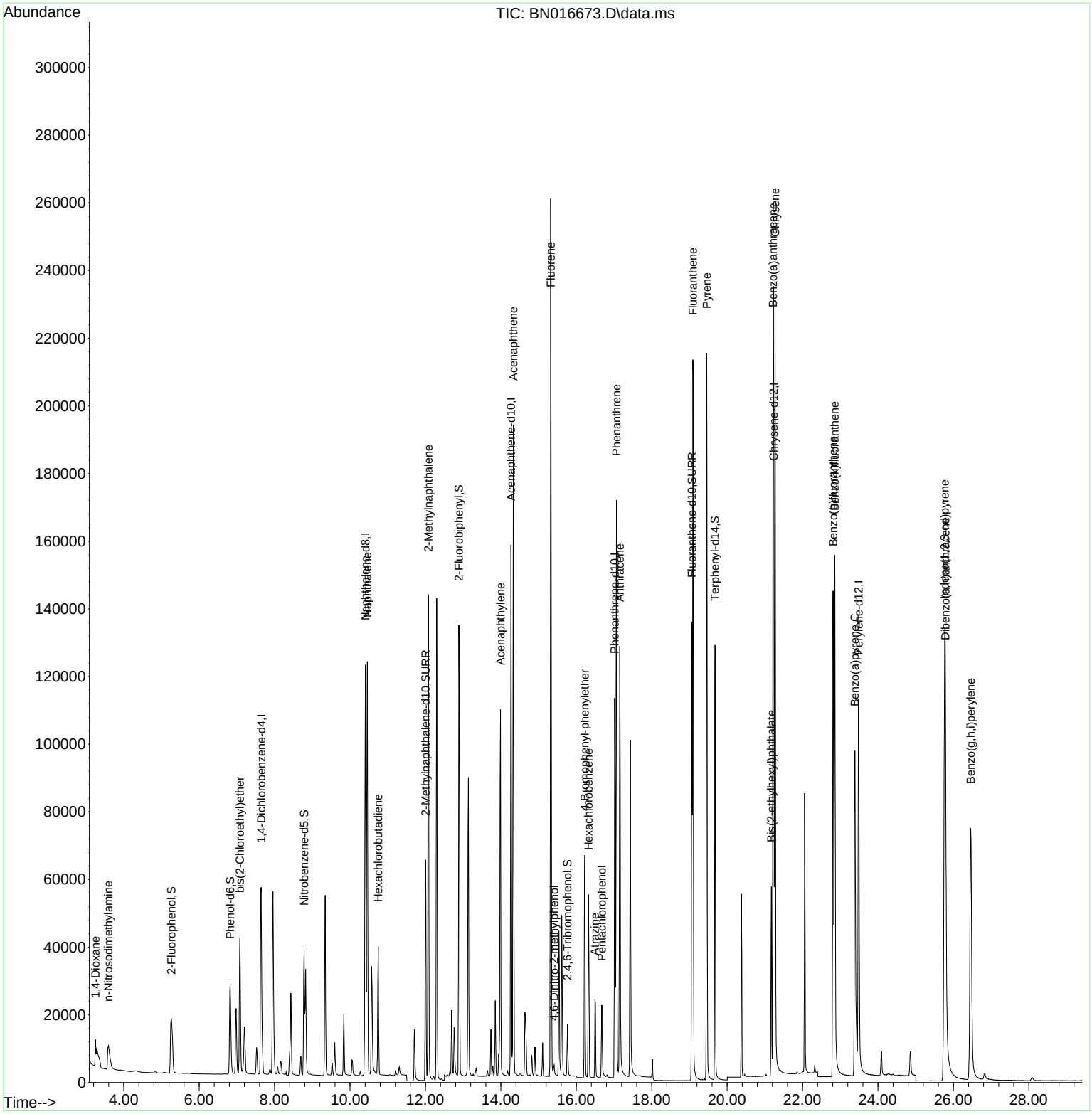
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

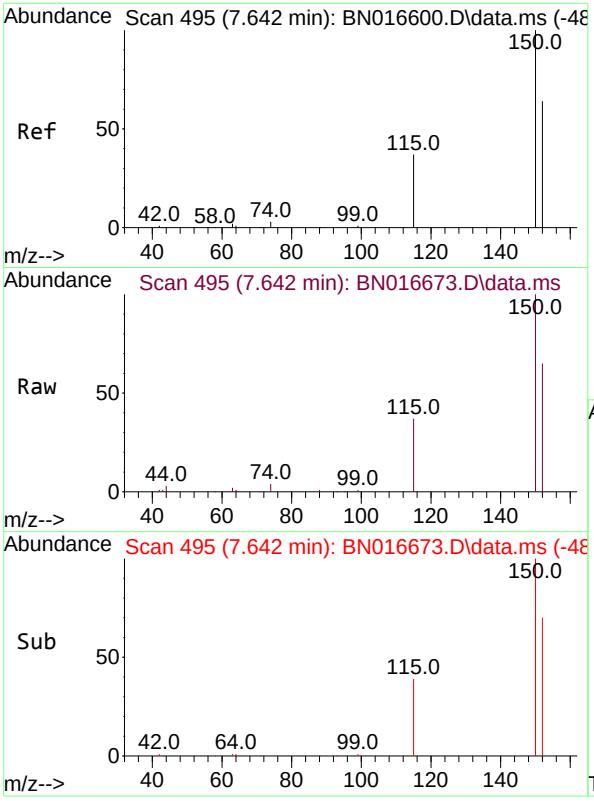
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016673.D
Acq On : 02 Oct 2021 16:33
Operator : CG/JU
Sample : PB139306BS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139306BS

Quant Time: Oct 04 03:34:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration



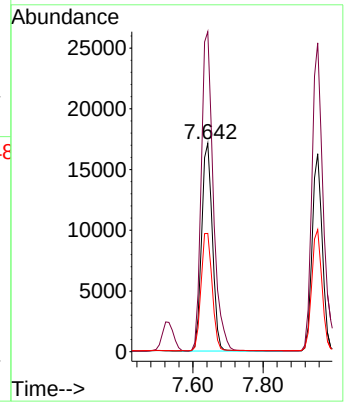
Instrument :
BNA_N
ClientSampleId :
PB139306BS

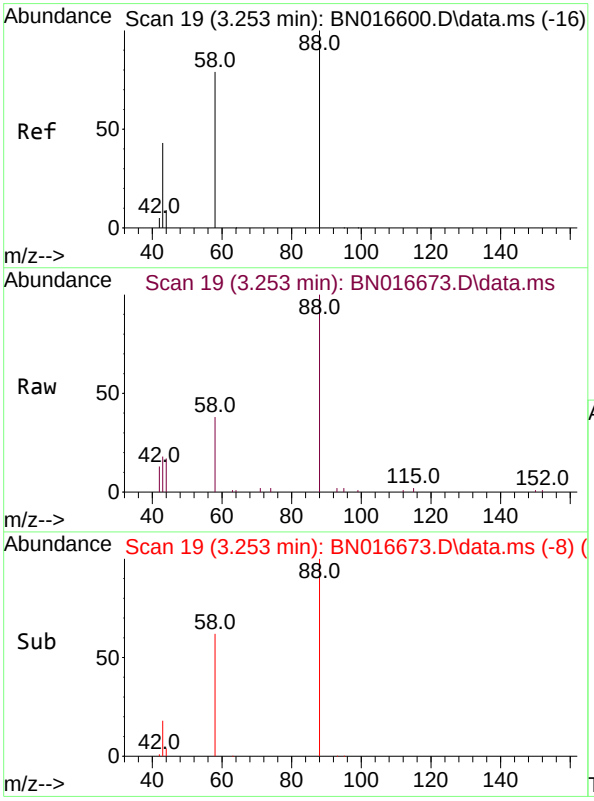


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:152 Resp: 36550

Ion	Ratio	Lower	Upper
152	100		
150	153.6	124.6	186.8
115	56.7	46.5	69.7

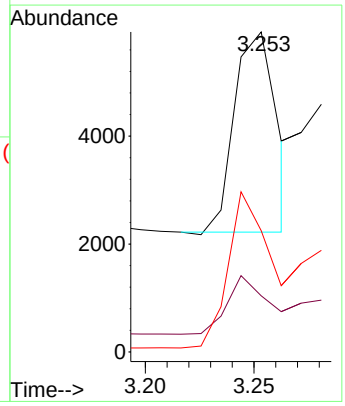




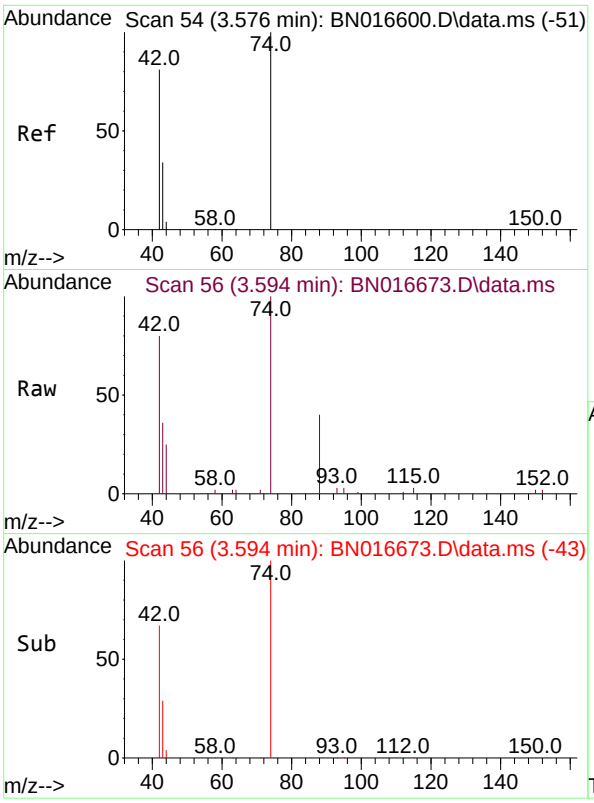
#2
1,4-Dioxane
Concen: 0.296 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion: 88 Resp: 4980

Ion	Ratio	Lower	Upper
88	100		
43	28.5	37.8	56.8#
58	78.0	61.3	91.9



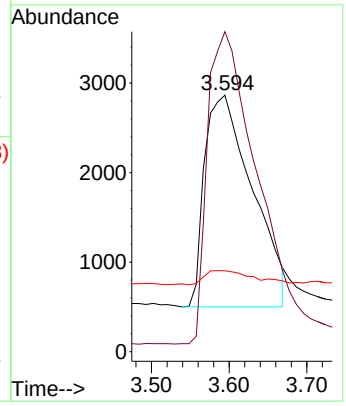
Instrument :
BNA_N
ClientSampleId :
PB139306BS

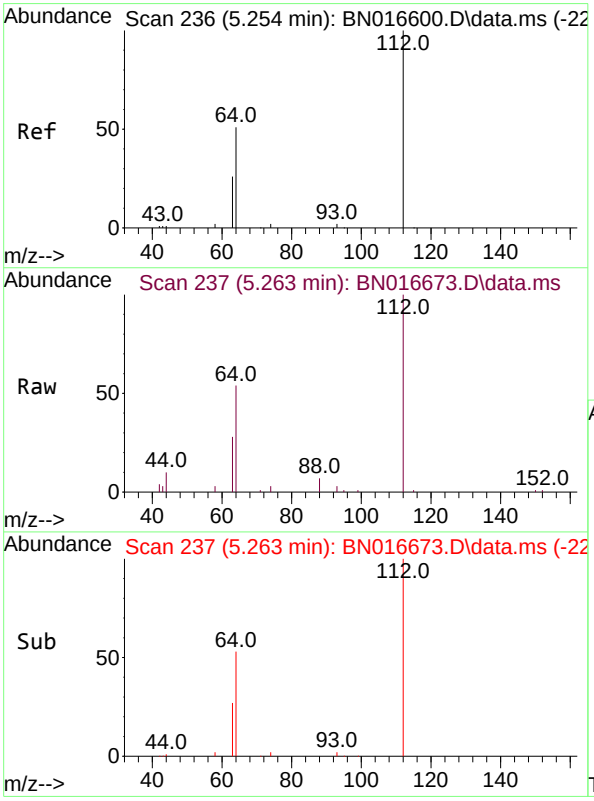


#3
n-Nitrosodimethylamine
Concen: 0.376 ng
RT: 3.594 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion: 42 Resp: 10136

Ion	Ratio	Lower	Upper
42	100		
74	147.4	121.6	182.4
44	6.7	6.3	9.5

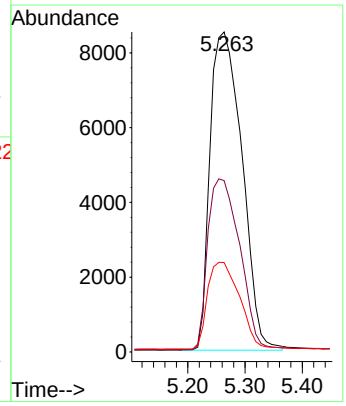




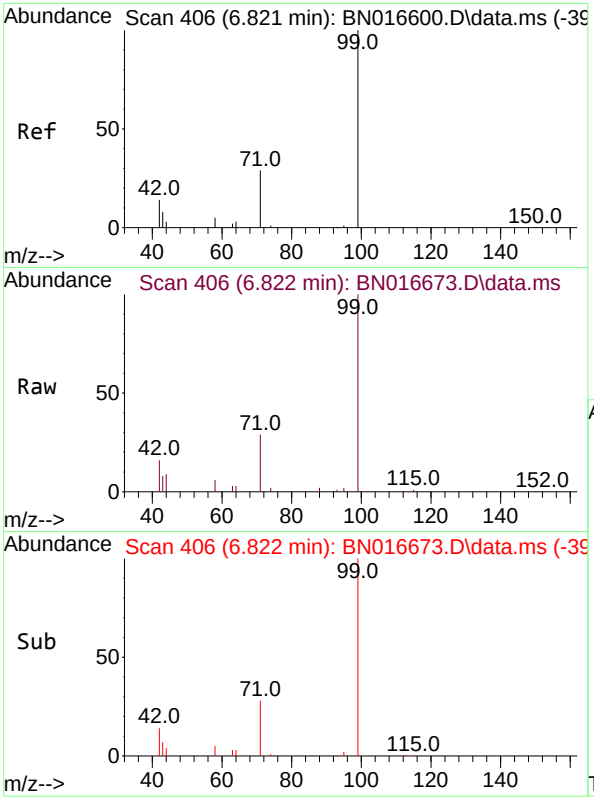
#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:112 Resp: 32997

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.1	64.7
63	27.3	21.6	32.4



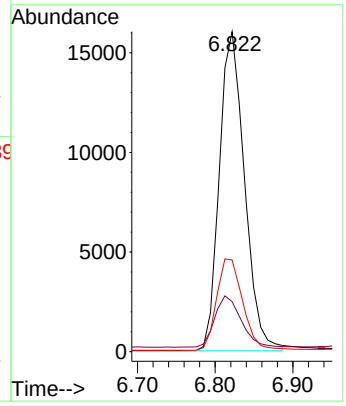
Instrument :
BNA_N
ClientSampleId :
PB139306BS

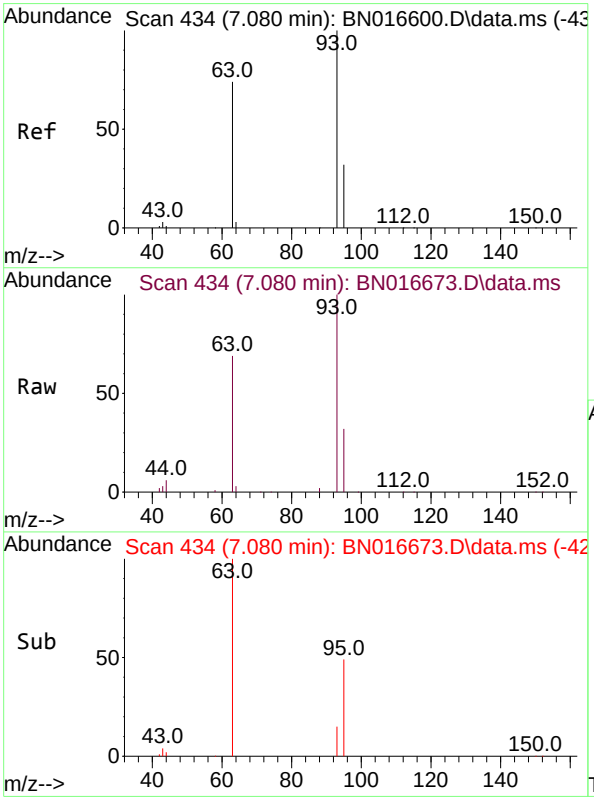


#5
Phenol-d6
Concen: 0.354 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion: 99 Resp: 36030

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.6
71	29.6	23.5	35.3

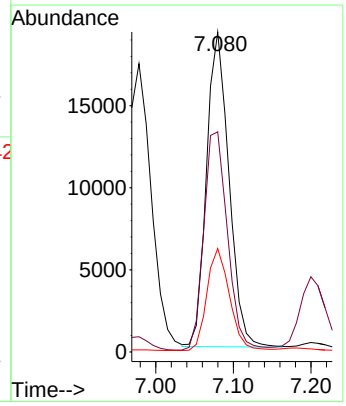




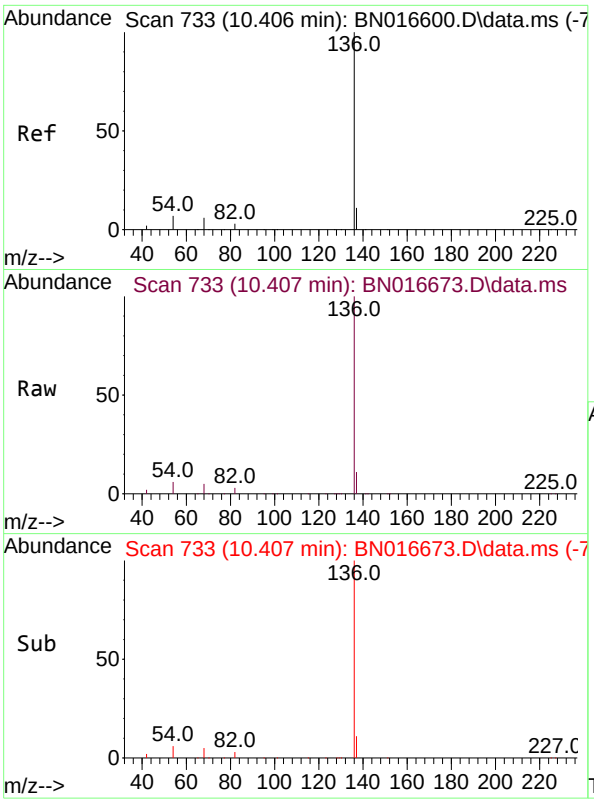
#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion: 93 Resp: 38387

Ion	Ratio	Lower	Upper
93	100		
63	73.7	59.1	88.7
95	32.8	26.2	39.4



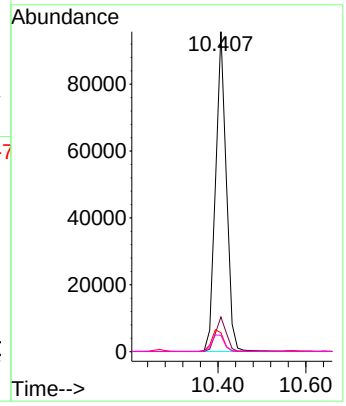
Instrument :
BNA_N
ClientSampleId :
PB139306BS

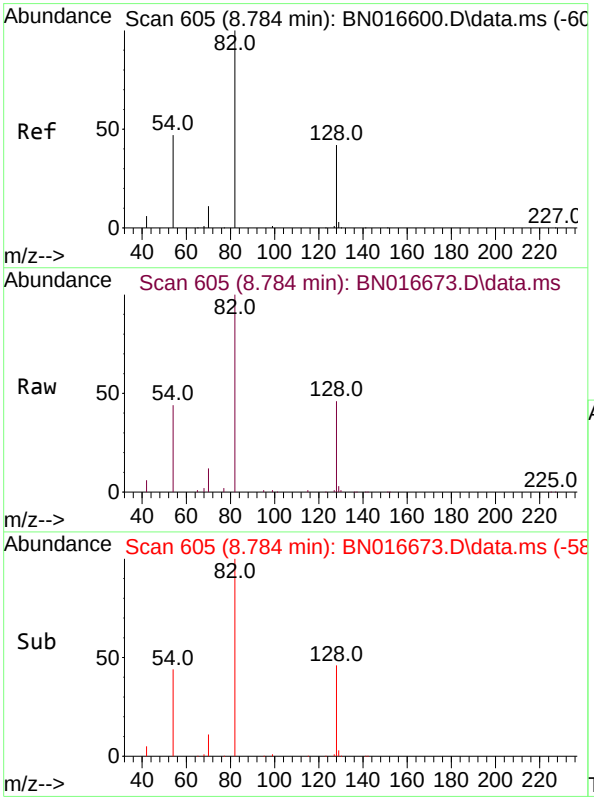


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:136 Resp: 161698

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.0	5.9	8.9
68	5.1	5.0	7.6

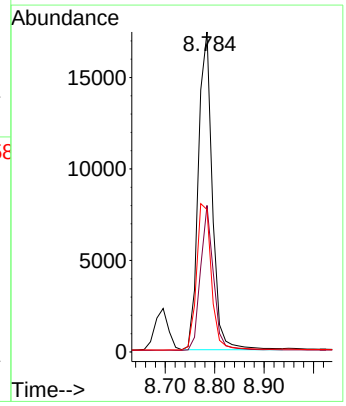


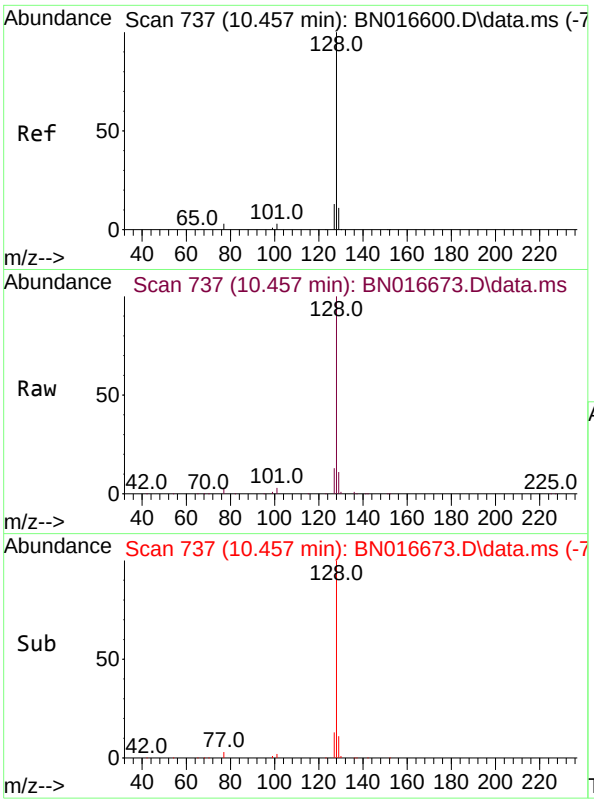


#8
Nitrobenzene-d5
Concen: 0.324 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion: 82 Resp: 34192

Ion	Ratio	Lower	Upper
82	100		
128	45.8	33.6	50.4
54	44.5	37.6	56.4

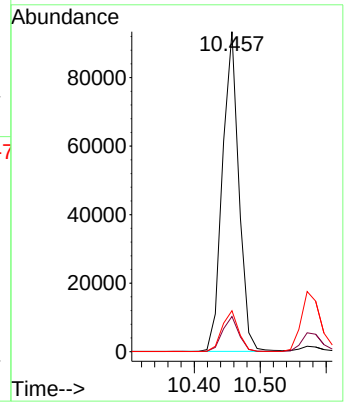




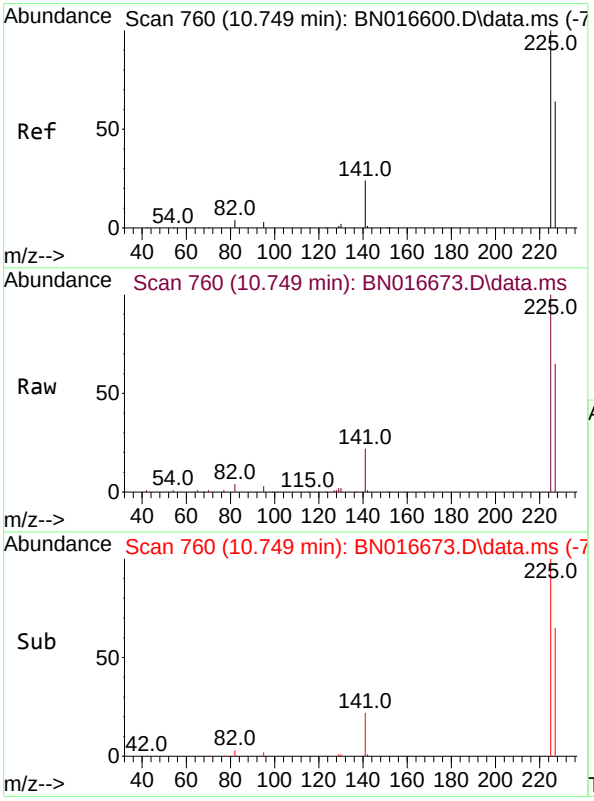
#9
Naphthalene
Concen: 0.367 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:128 Resp: 161403

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.8	10.3	15.5



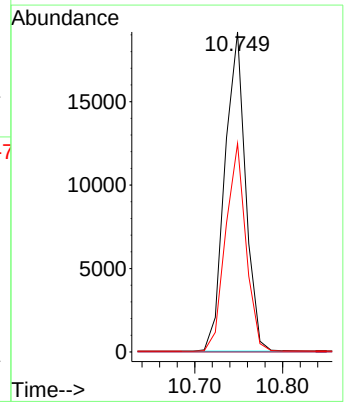
Instrument :
BNA_N
ClientSampleId :
PB139306BS



#10
Hexachlorobutadiene
Concen: 0.379 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:225 Resp: 31303

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.0	76.6



Instrument :
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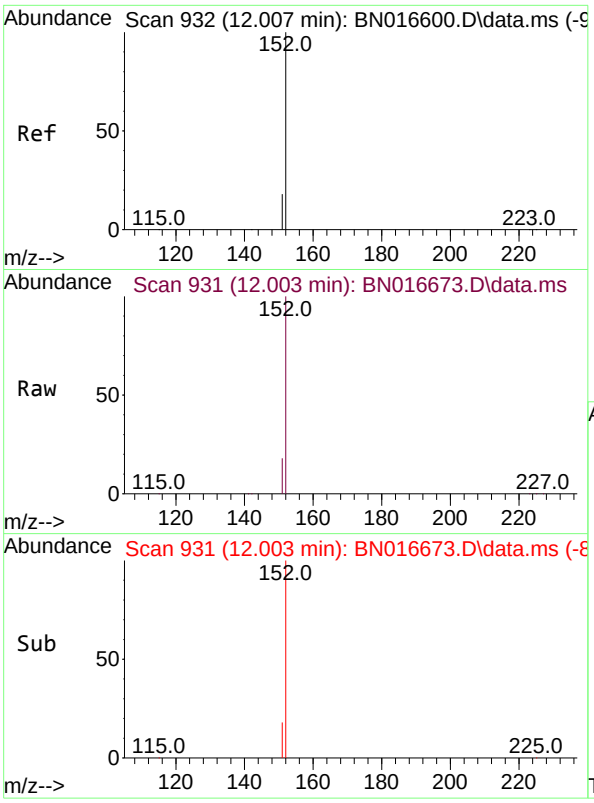
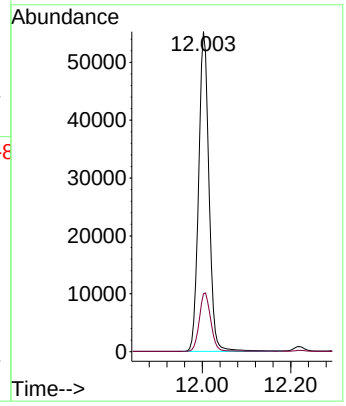
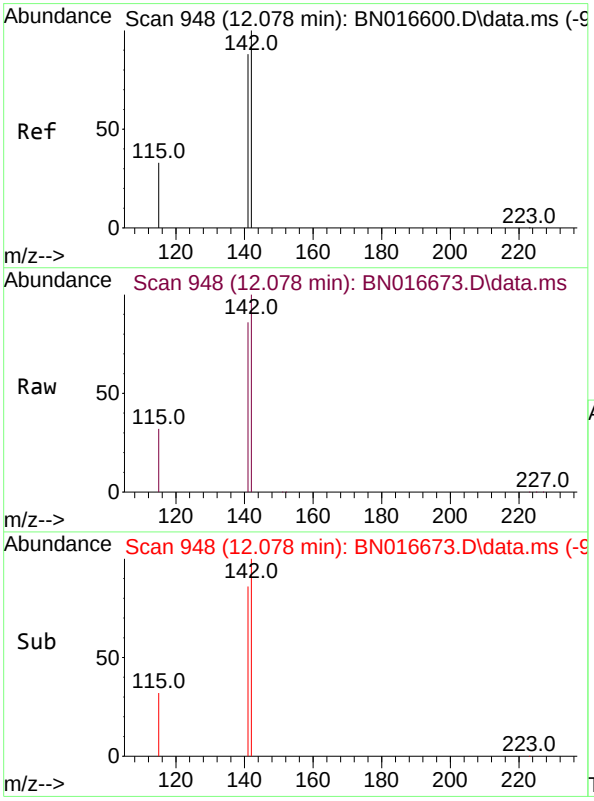


#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:152 Resp: 89562

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

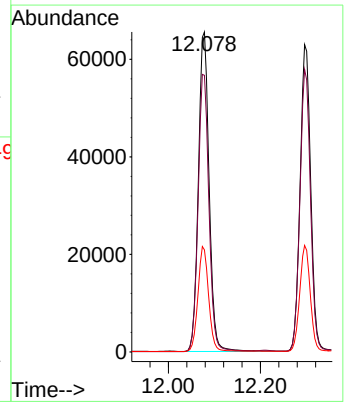




#12
2-Methylnaphthalene
Concen: 0.380 ng
RT: 12.078 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:142 Resp: 106619

Ion	Ratio	Lower	Upper
142	100		
141	86.5	70.6	105.8
115	31.9	26.6	39.8



Instrument :
BNA_N
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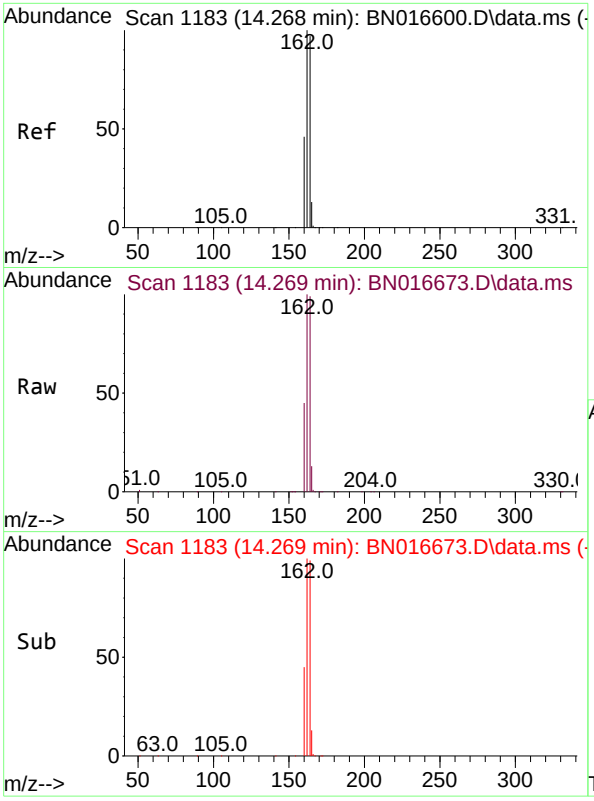
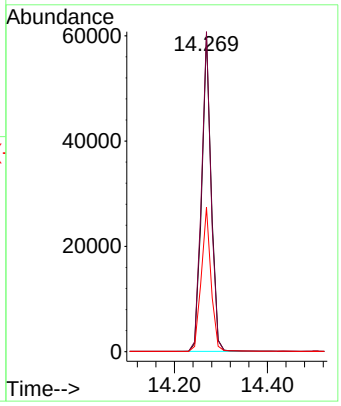
PB139306BS

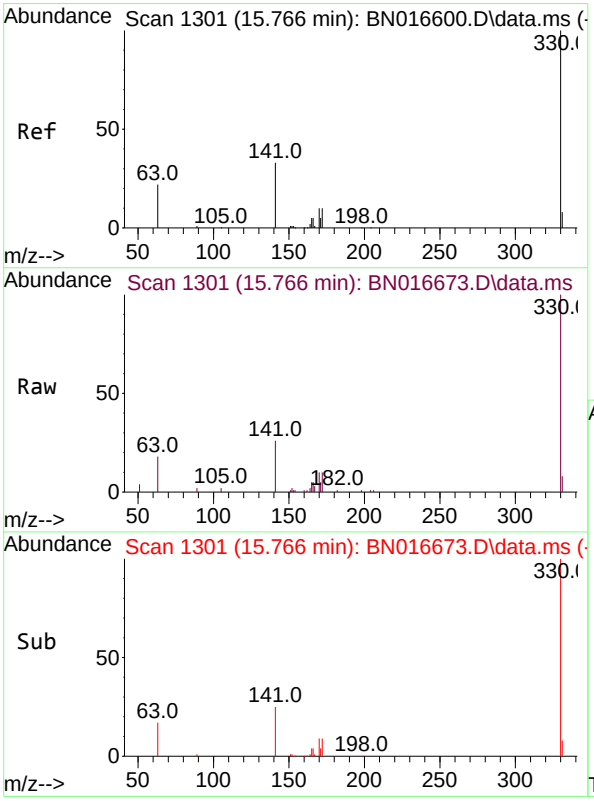


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:164 Resp: 85988

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.2
160	45.5	37.7	56.5

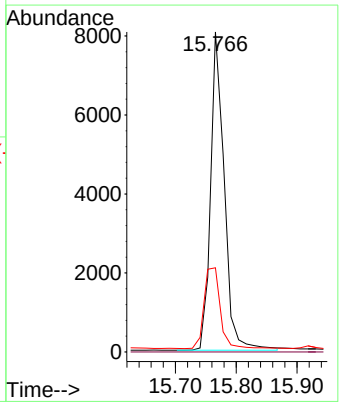




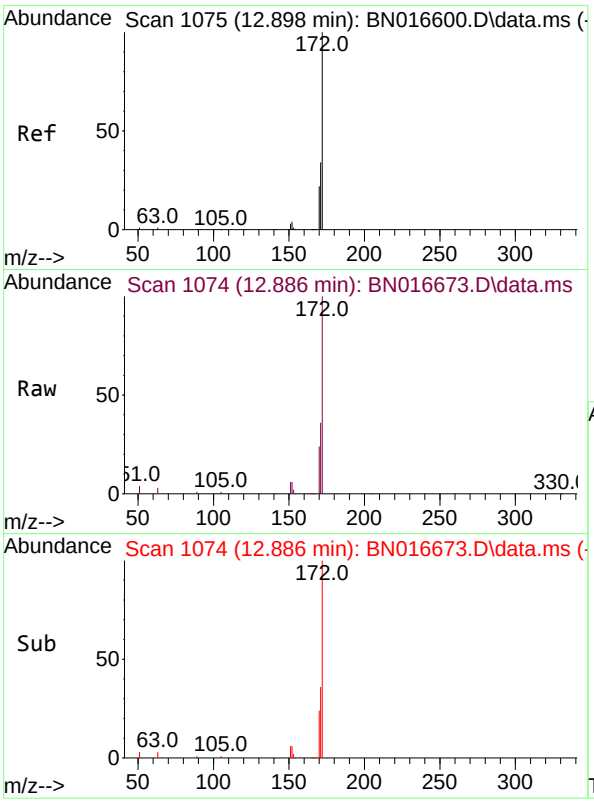
#14
2,4,6-Tribromophenol
Concen: 0.321 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:330 Resp: 12572

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.3	25.2	37.8



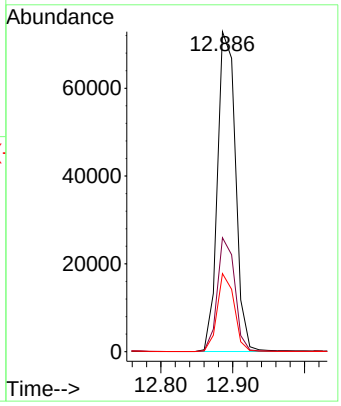
Instrument :
BNA_N
ClientSampleId :
PB139306BS

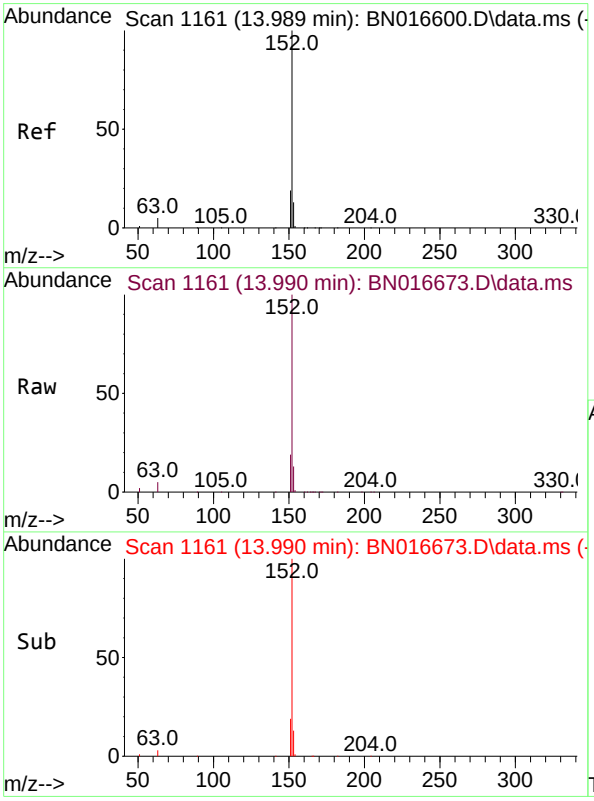


#15
2-Fluorobiphenyl
Concen: 0.365 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:172 Resp: 127101

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.0	40.4
170	24.4	17.4	26.2

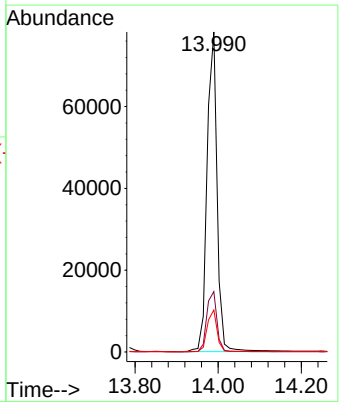




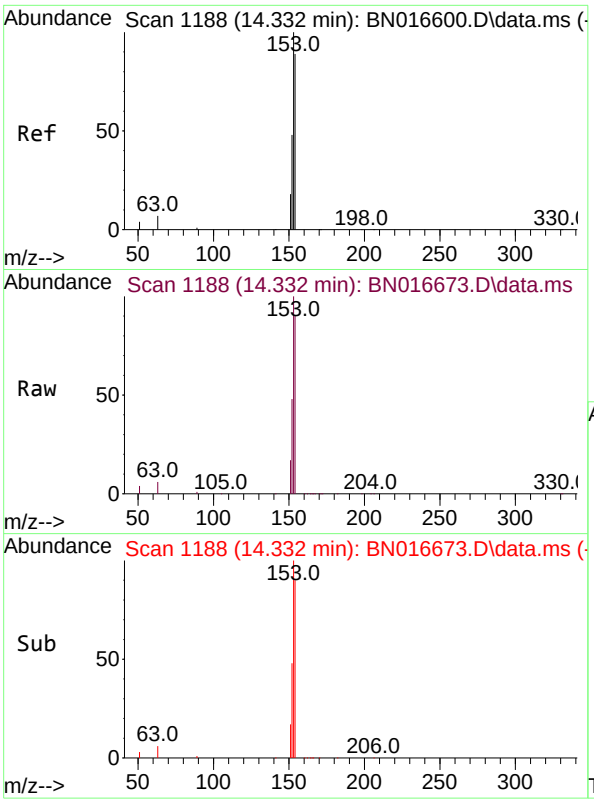
#16
Acenaphthylene
Concen: 0.347 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:152 Resp: 130394

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3
153	13.0	10.4	15.6



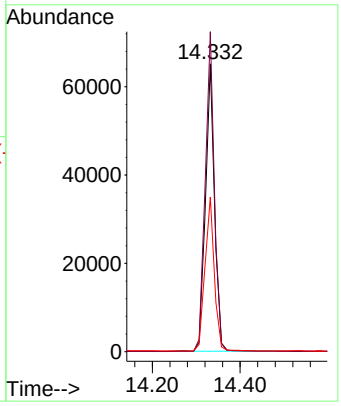
Instrument :
BNA_N
ClientSampleId :
PB139306BS

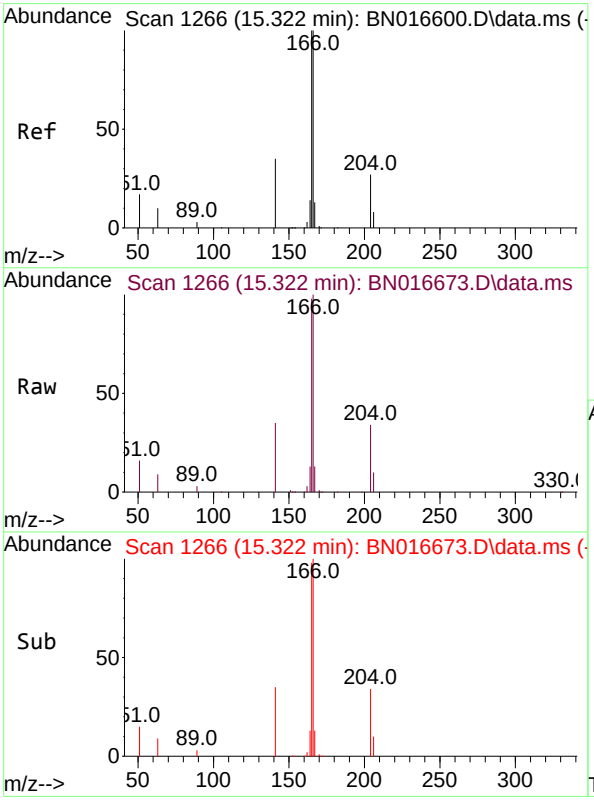


#17
Acenaphthene
Concen: 0.368 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:154 Resp: 93127

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.2	135.2
152	55.0	44.0	66.0

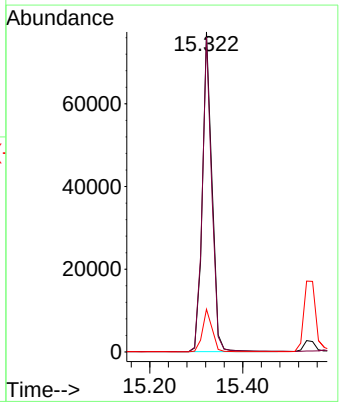




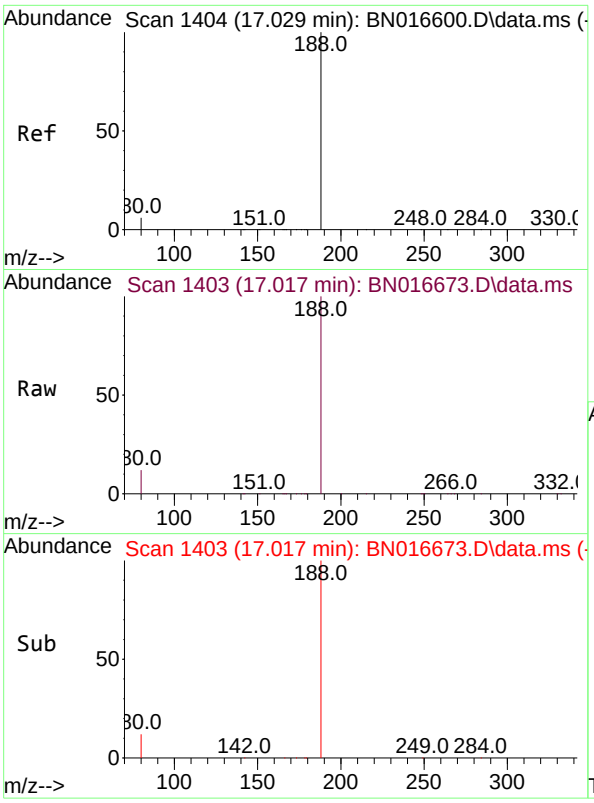
#18
Fluorene
Concen: 0.371 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:166 Resp: 111019

Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.4	10.7	16.1



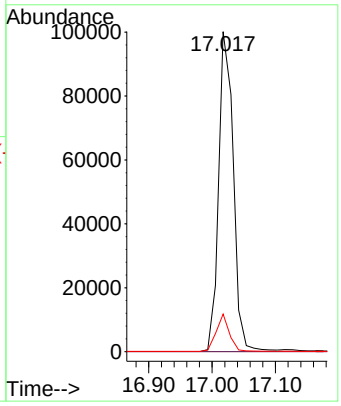
Instrument :
BNA_N
ClientSampleId :
PB139306BS

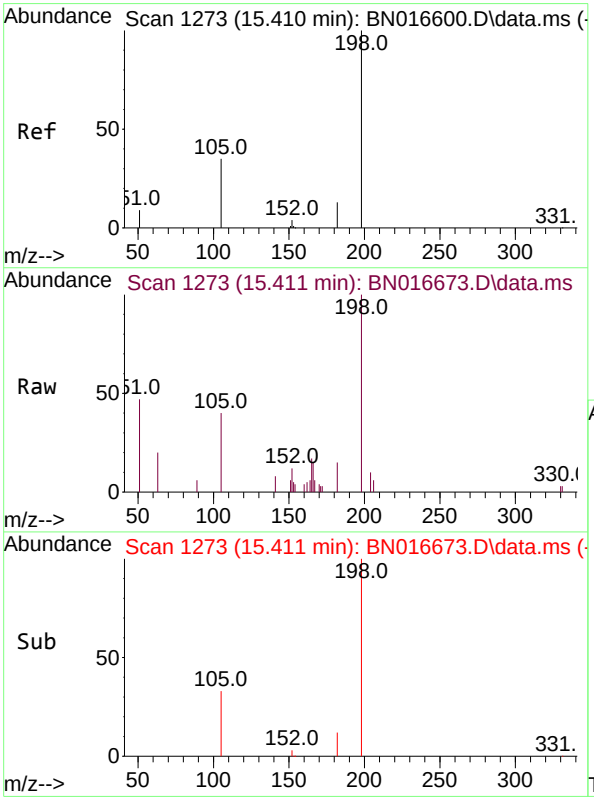


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:188 Resp: 160156

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	5.0	7.6#

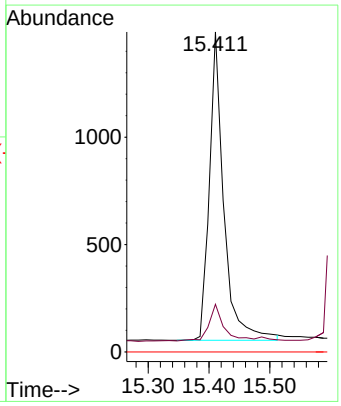




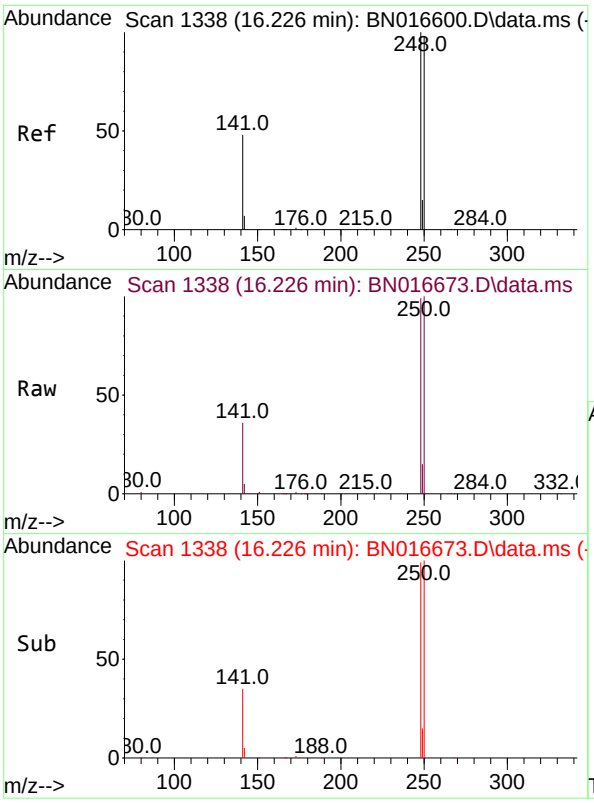
#20
4,6-Dinitro-2-methylphenol
Concen: 0.251 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:198 Resp: 2370

Ion	Ratio	Lower	Upper
198	100		
182	14.9	11.8	17.8
77	0.0	0.0	0.0



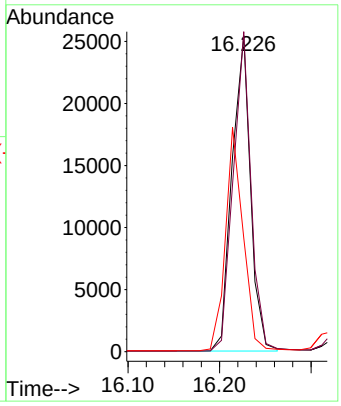
Instrument :
BNA_N
ClientSampleId :
PB139306BS

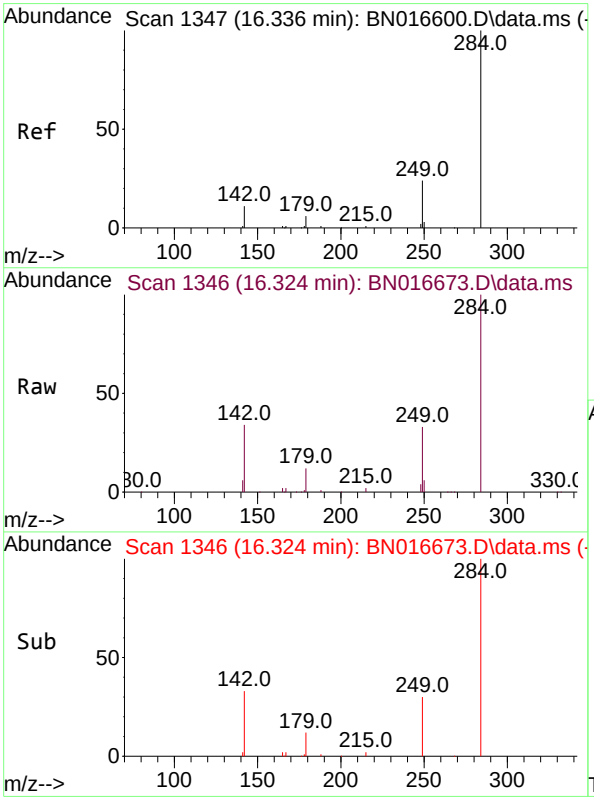


#21
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:248 Resp: 35529

Ion	Ratio	Lower	Upper
248	100		
250	101.2	78.6	117.8
141	36.0	38.6	57.8#

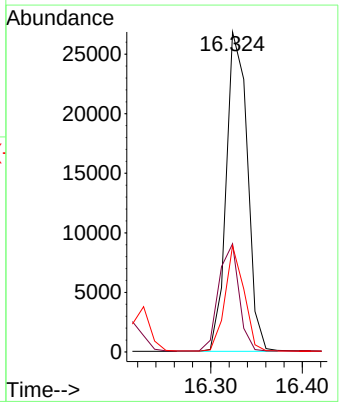




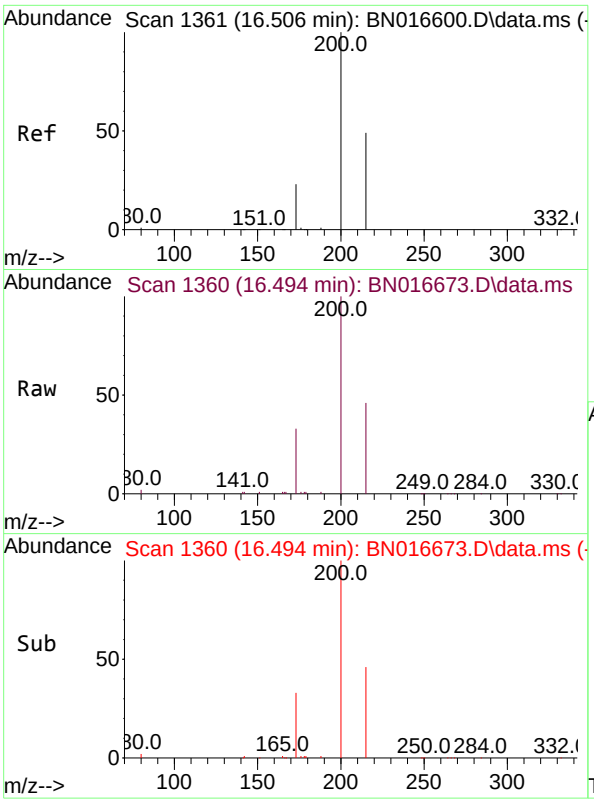
#22
Hexachlorobenzene
Concen: 0.373 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:284 Resp: 42955

Ion	Ratio	Lower	Upper
284	100		
142	32.4	26.4	39.6
249	29.5	23.4	35.2



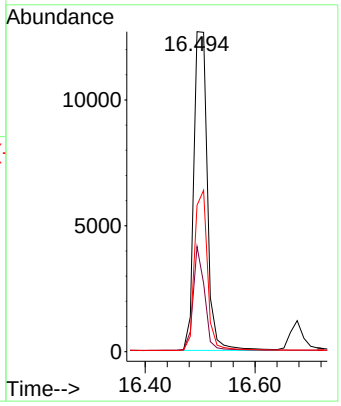
Instrument :
BNA_N
ClientSampleId :
PB139306BS

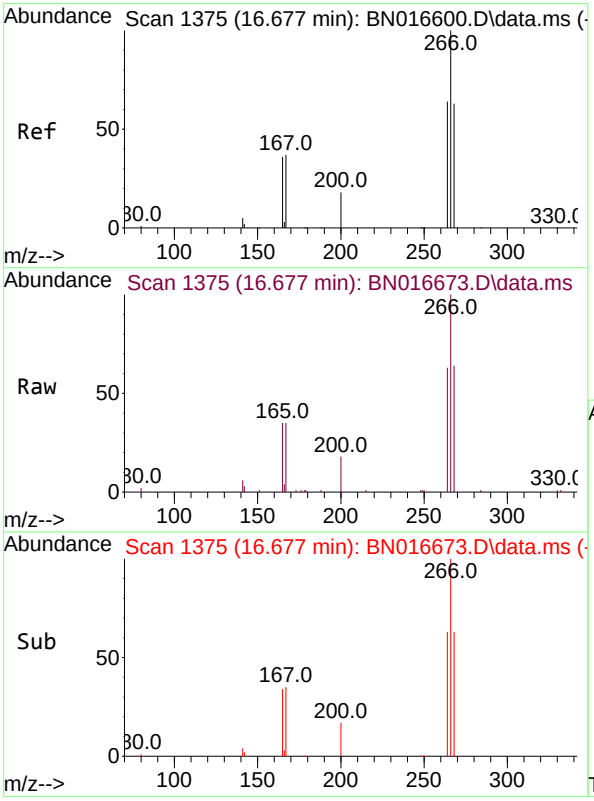


#23
Atrazine
Concen: 0.303 ng
RT: 16.494 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:200 Resp: 21886

Ion	Ratio	Lower	Upper
200	100		
173	32.9	18.6	27.8#
215	45.7	39.4	59.2

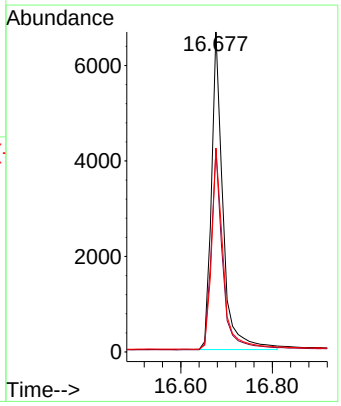




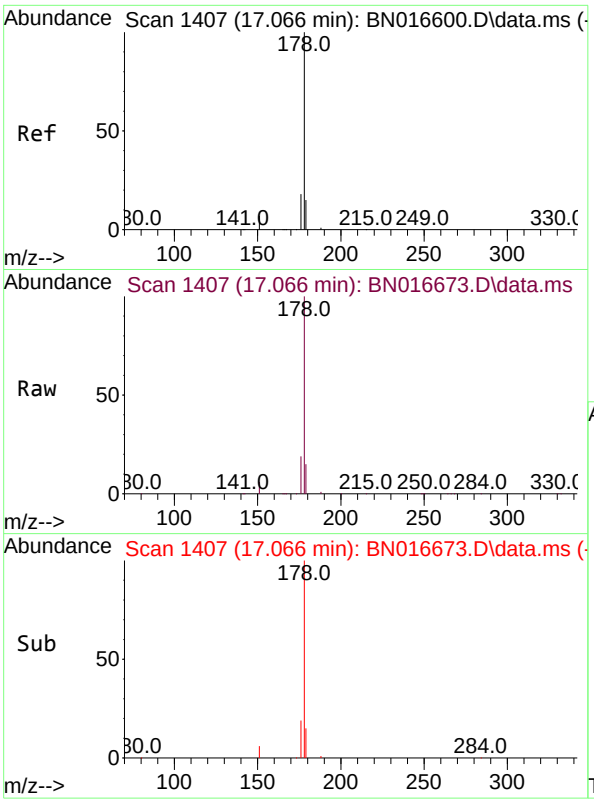
#24
Pentachlorophenol
Concen: 0.302 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:266 Resp: 11530

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.6
268	63.8	51.4	77.2



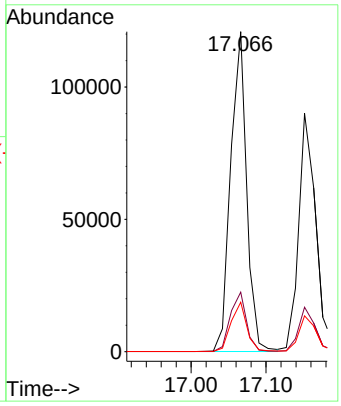
Instrument :
BNA_N
ClientSampleId :
PB139306BS

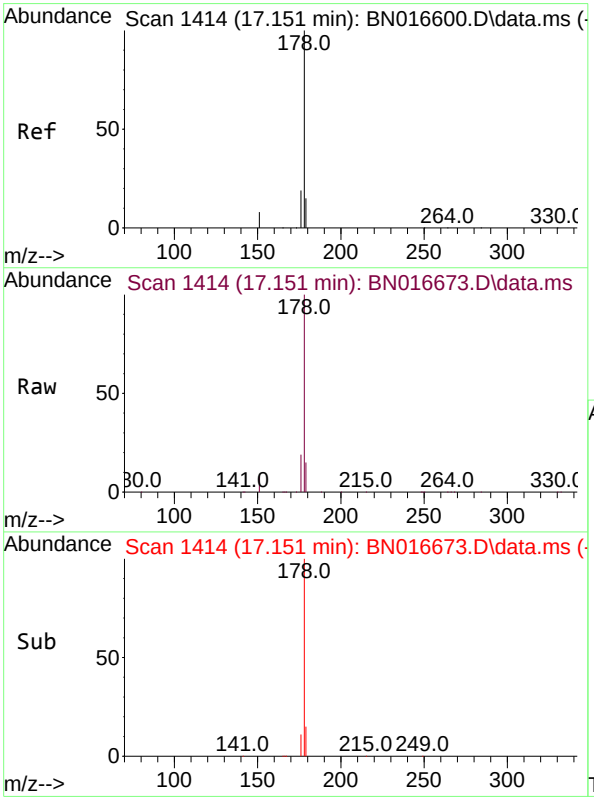


#25
Phenanthrene
Concen: 0.371 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:178 Resp: 178886

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4

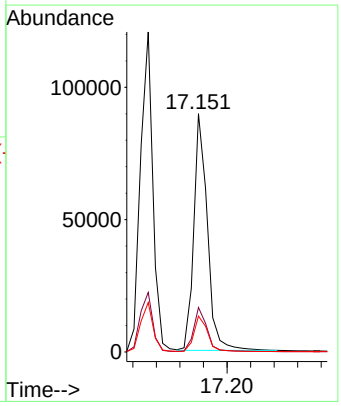




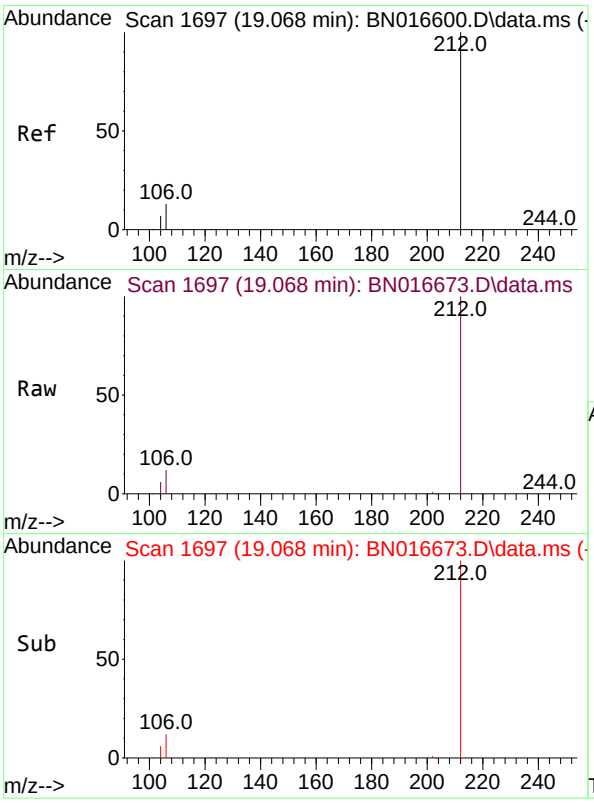
#26
Anthracene
Concen: 0.345 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:178 Resp: 143508

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	21.8
179	15.2	12.2	18.4



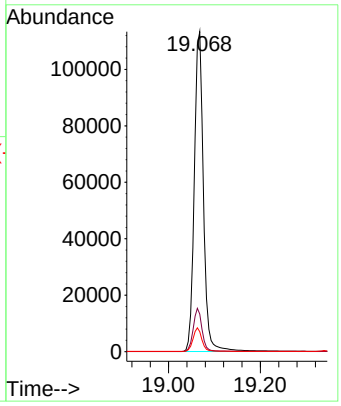
Instrument :
BNA_N
ClientSampleId :
PB139306BS

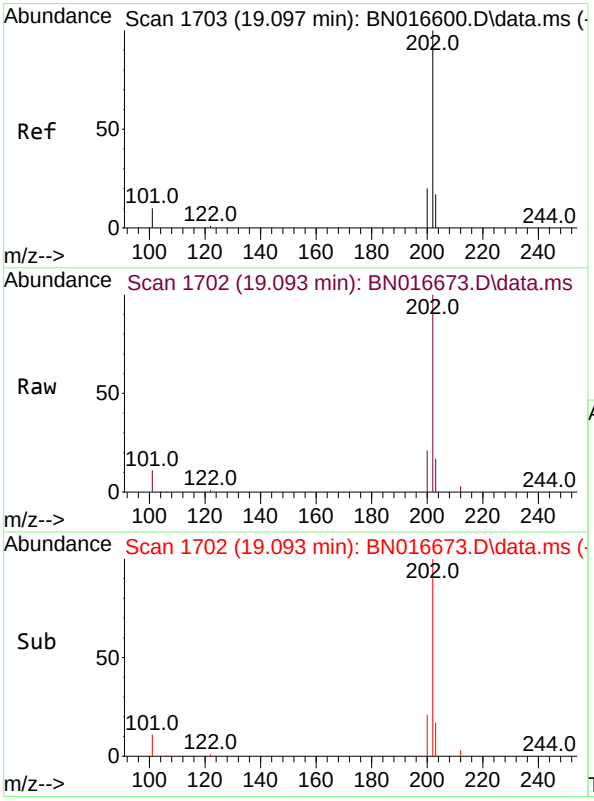


#27
Fluoranthene-d10
Concen: 0.368 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:212 Resp: 156716

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.2	5.9	8.9

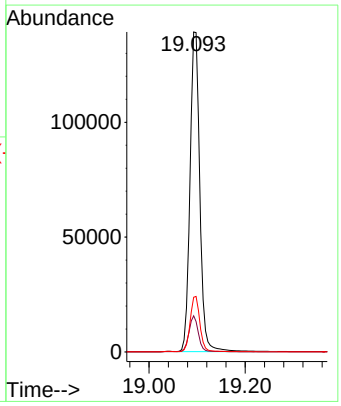




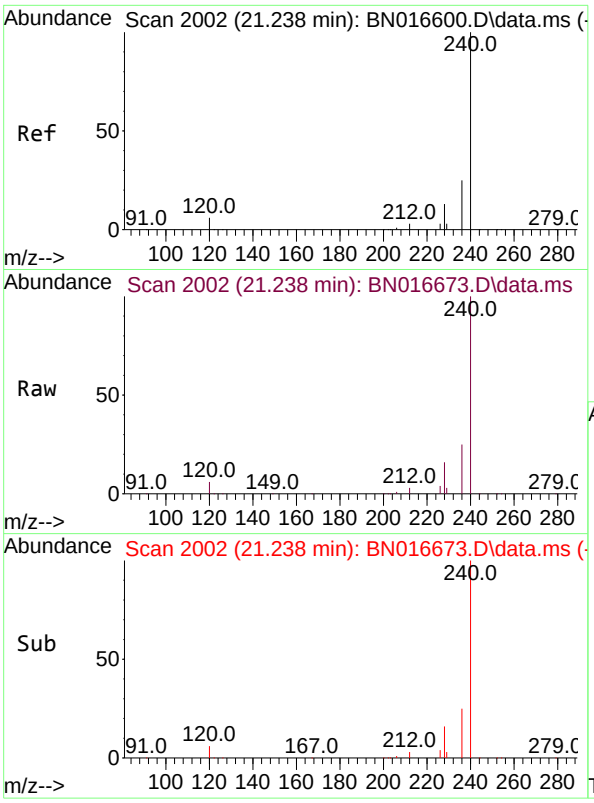
#28
Fluoranthene
Concen: 0.379 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:202 Resp: 197117

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.3	13.8	20.6



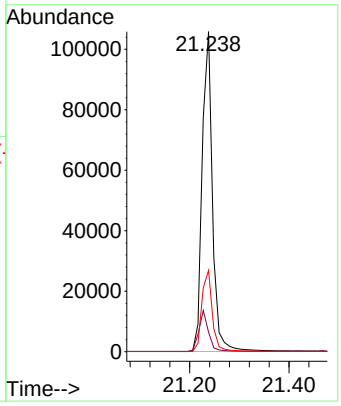
Instrument :
BNA_N
ClientSampleId :
PB139306BS

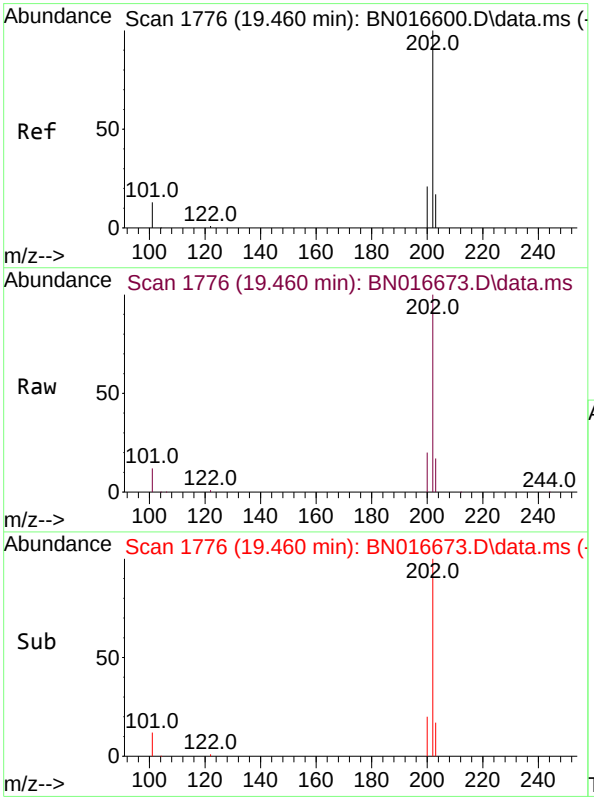


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:240 Resp: 152389

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.0	7.4
236	25.4	20.4	30.6

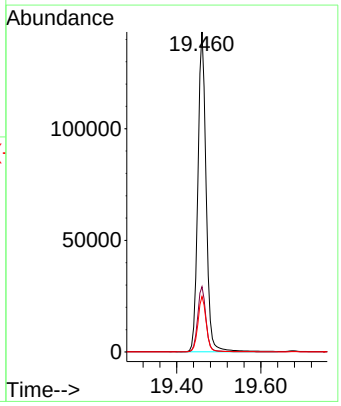




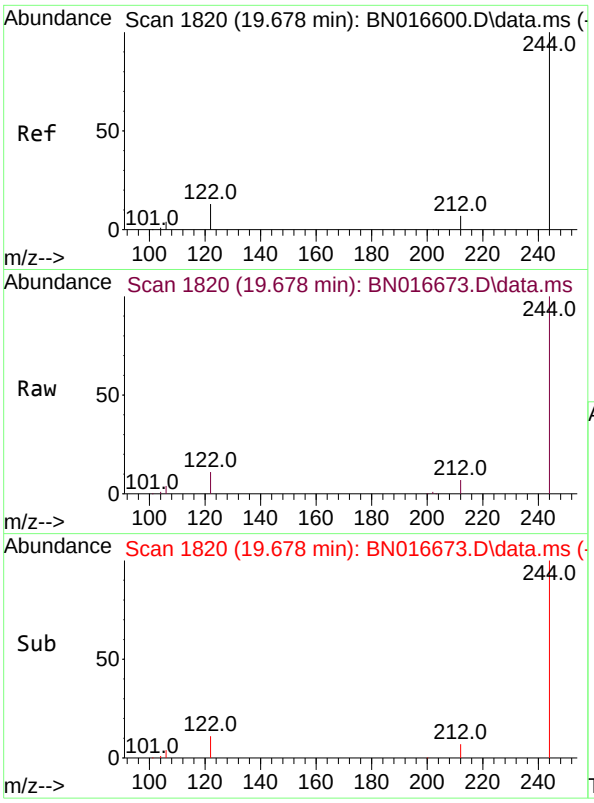
#30
Pyrene
Concen: 0.396 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:202 Resp: 195227

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	14.0	21.0



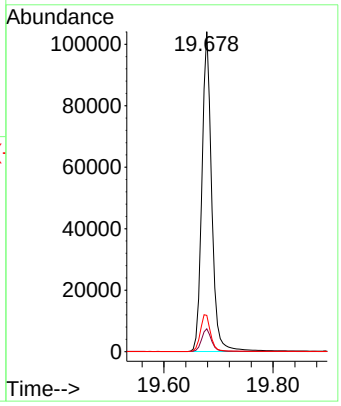
Instrument :
BNA_N
ClientSampleId :
PB139306BS

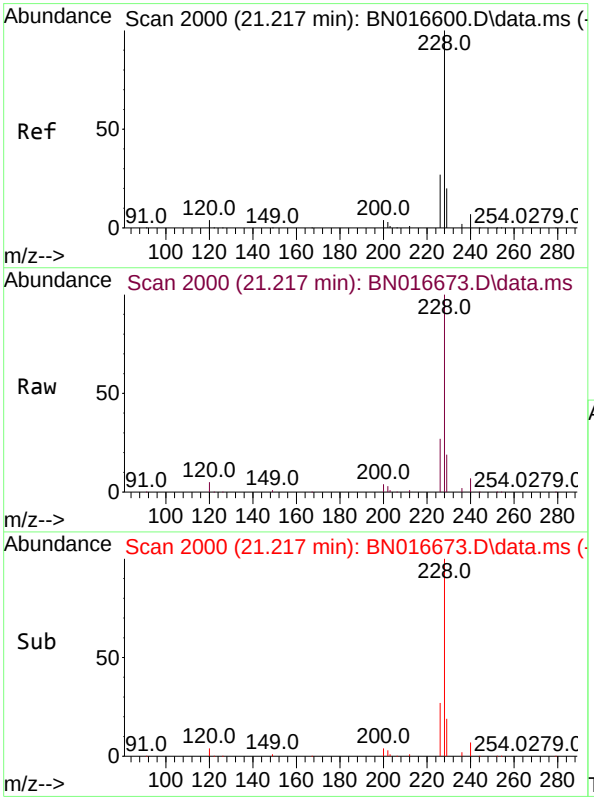


#31
Terphenyl-d14
Concen: 0.392 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:244 Resp: 129930

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.3	10.1	15.1

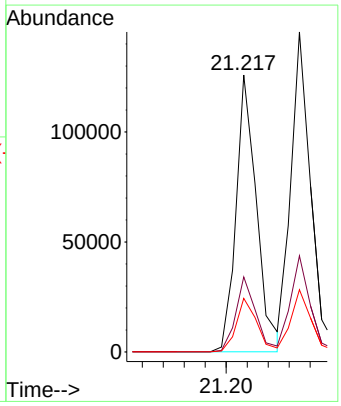




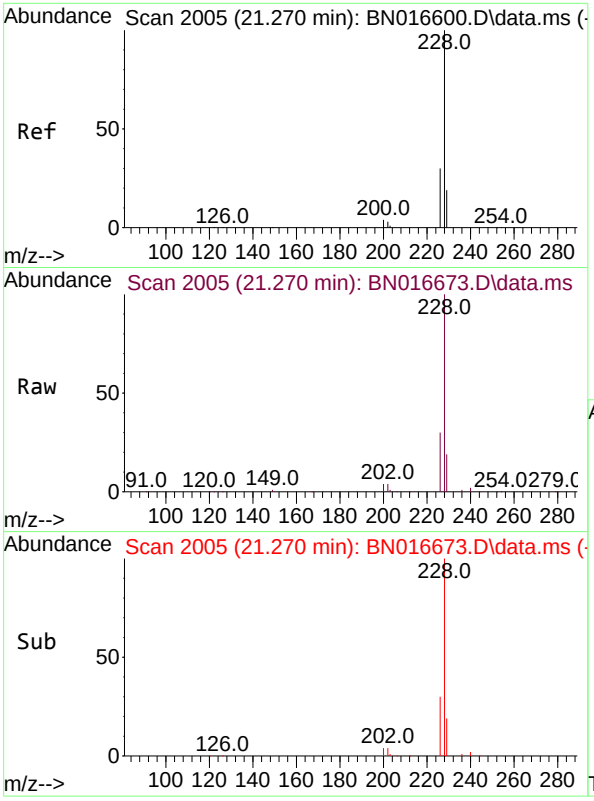
#32
Benzo(a)anthracene
Concen: 0.365 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:228 Resp: 170557

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	19.4	15.7	23.5



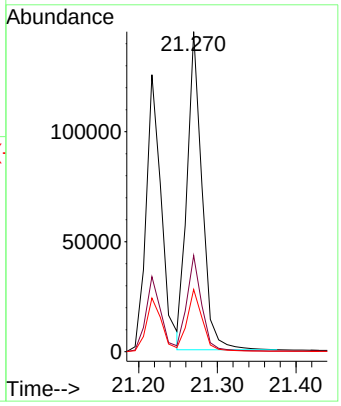
Instrument :
BNA_N
ClientSampleId :
PB139306BS

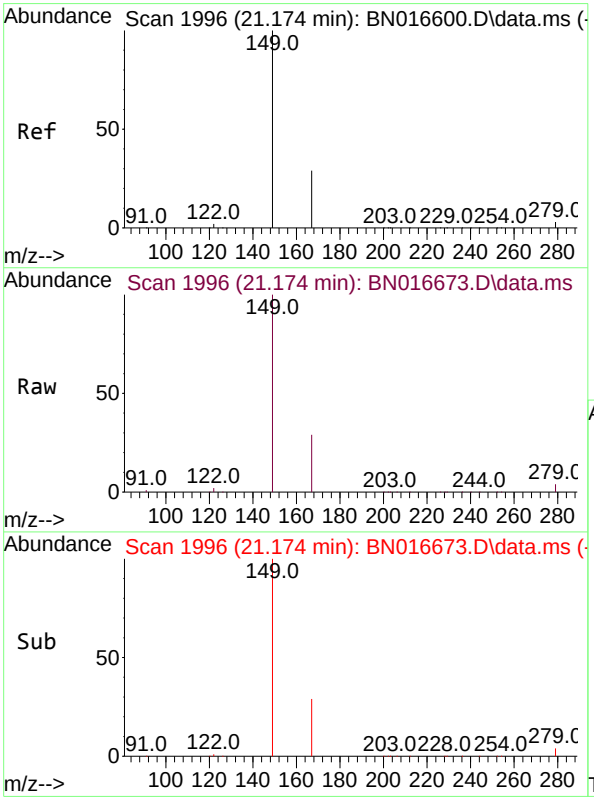


#33
Chrysene
Concen: 0.402 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:228 Resp: 190591

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.7	35.5
229	19.4	15.5	23.3

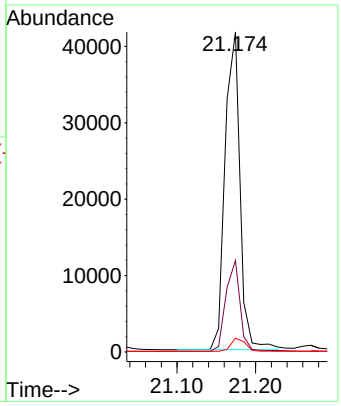


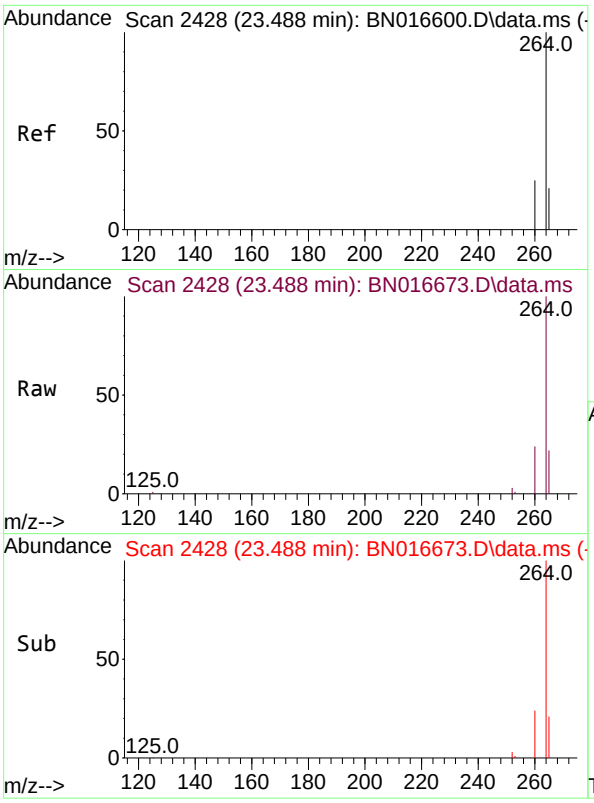


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.294 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:149 Resp: 54899

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.2	33.4
279	4.0	3.2	4.8

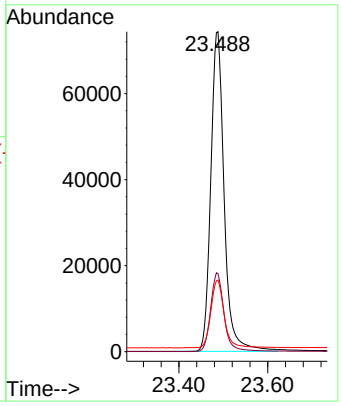




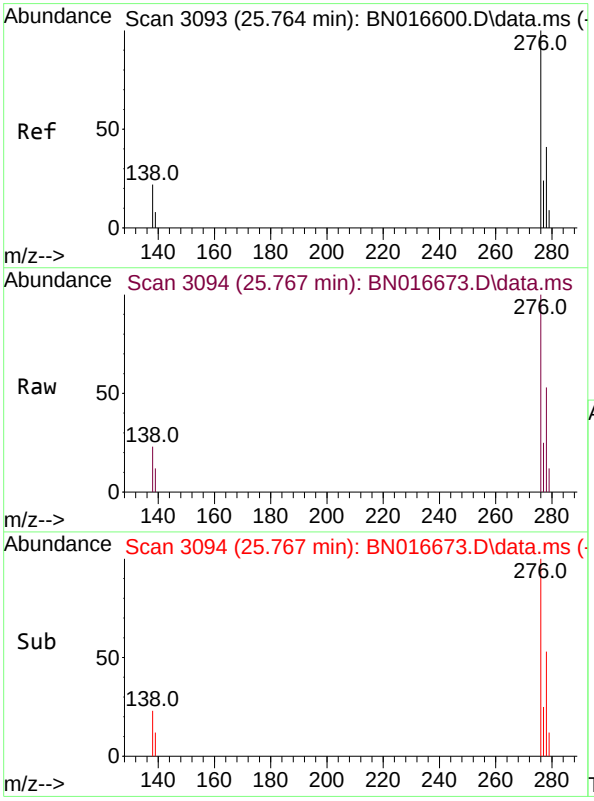
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.488 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:264 Resp: 155562

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.9	29.9
265	22.4	19.2	28.8



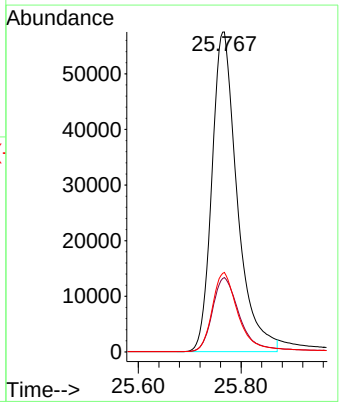
Instrument :
BNA_N
ClientSampleId :
PB139306BS



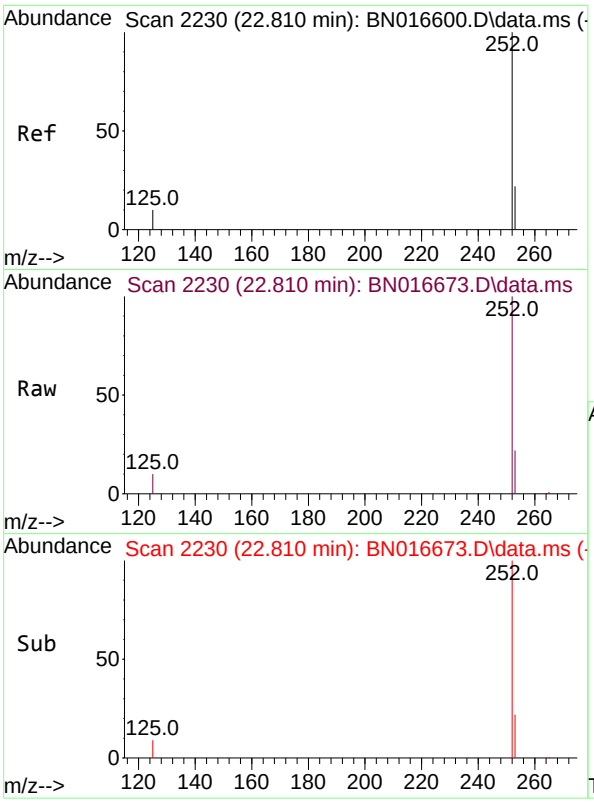
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng
RT: 25.767 min Scan# 3094
Delta R.T. 0.004 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:276 Resp: 196547

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.5	29.3
277	25.0	19.9	29.9



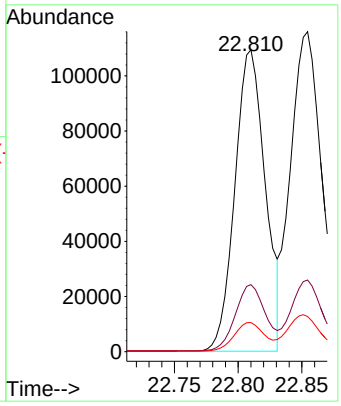
Instrument :
BNA_N
ClientSampleId :
PB139306BS

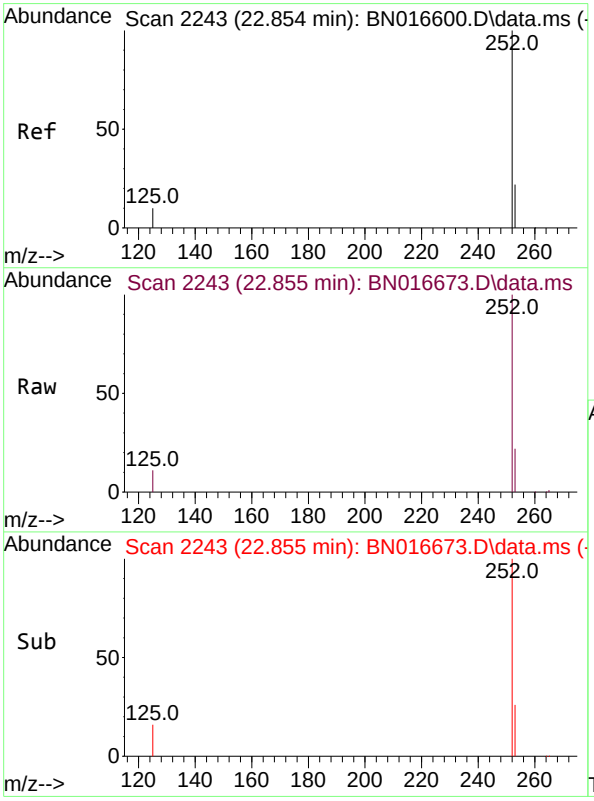


#37
Benzo(b)fluoranthene
Concen: 0.362 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:252 Resp: 181180

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.6	8.0	12.0

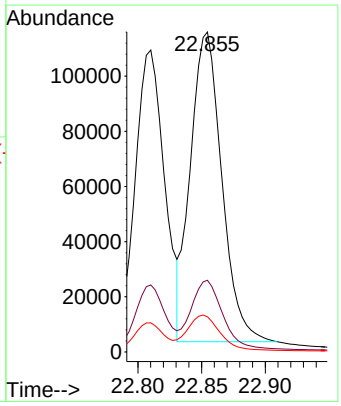




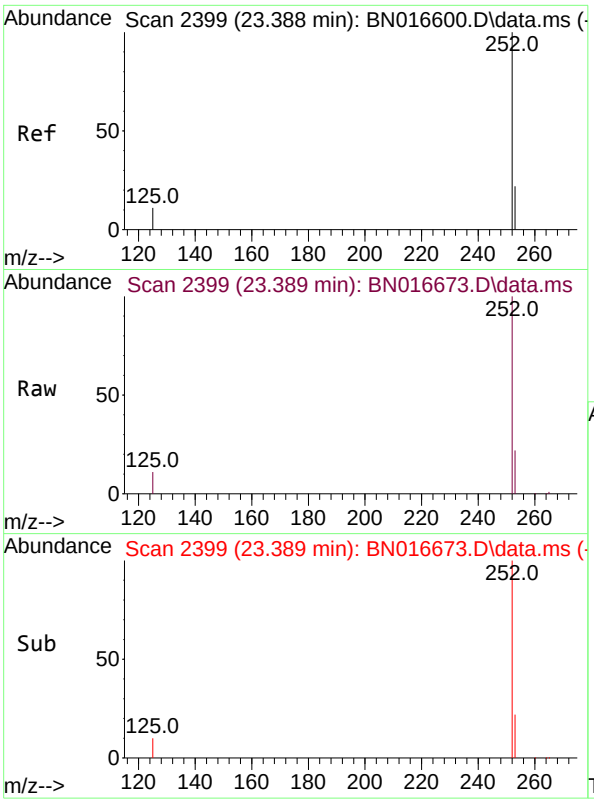
#38
Benzo(k)fluoranthene
Concen: 0.389 ng
RT: 22.855 min Scan# 2243
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:252 Resp: 192203

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.0	8.0	12.0



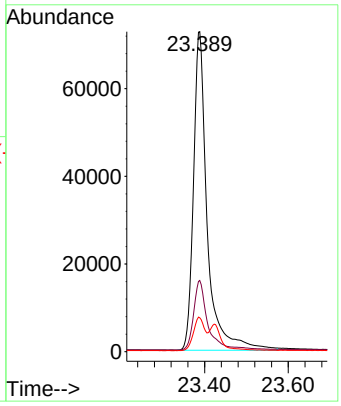
Instrument :
BNA_N
ClientSampleId :
PB139306BS

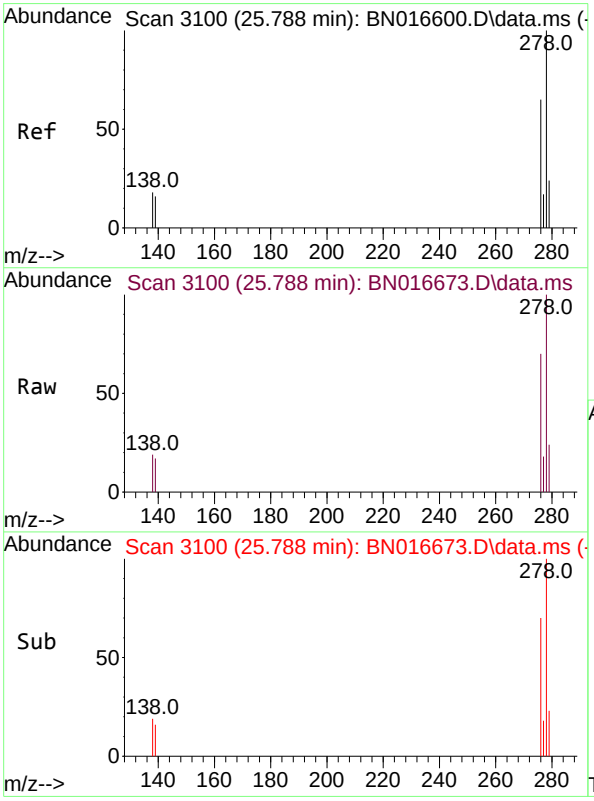


#39
Benzo(a)pyrene
Concen: 0.374 ng
RT: 23.389 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:252 Resp: 166521

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.6	9.0	13.4

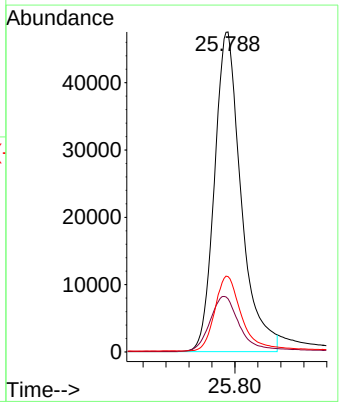


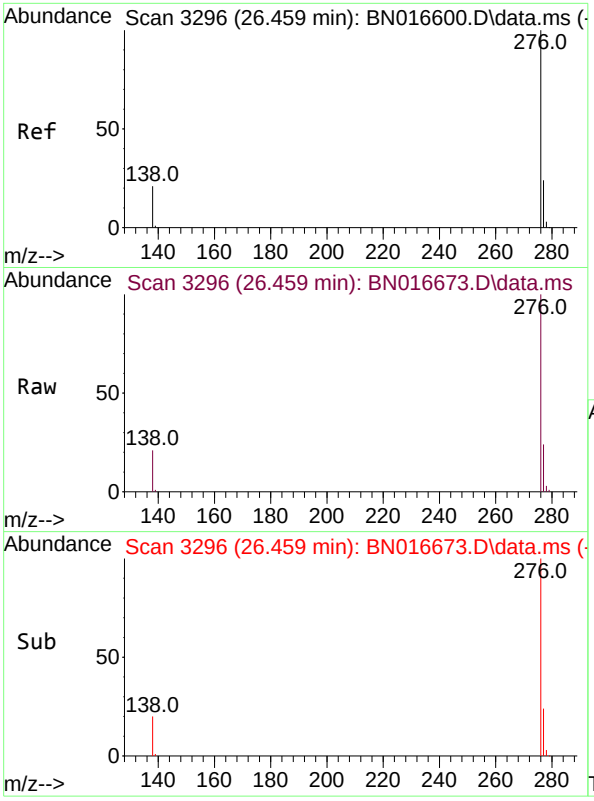


#40
Dibenzo(a,h)anthracene
Concen: 0.342 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:278 Resp: 152970

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	23.6	19.1	28.7

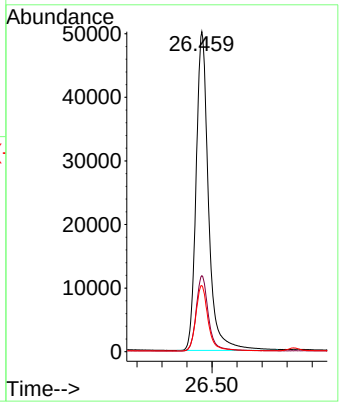




#41
Benzo(g,h,i)perylene
Concen: 0.352 ng
RT: 26.459 min Scan# 3296
Delta R.T. 0.000 min
Lab File: BN016673.D
Acq: 02 Oct 2021 16:33

Tgt Ion:276 Resp: 172627

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.6
138	20.7	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
PB139306BS