Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016839.D
Acq On : 08 Oct 2021 11:45
Operator : CG/JU
Sample : M4045-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-842-R-SO-1-1.5-100121MS

Quant Time: Oct 08 14:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.615	152	20932	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	97125	0.400	ng	#	0.00
13) Acenaphthene-d10	14.243	164	51019	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	97359	0.400	ng		0.00
29) Chrysene-d12	21.217	240	101953	0.400	ng	#	0.00
35) Perylene-d12	23.454	264	110247	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	14830	0.284	ng		0.04
5) Phenol-d6	6.812	99	16408	0.276	ng		0.02
8) Nitrobenzene-d5	8.759	82	17513	0.257	ng		0.00
11) 2-Methylnaphthalene-d10	11.976	152	47312	0.327	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	6636	0.251	ng		0.00
15) 2-Fluorobiphenyl	12.873	172	51685	0.251	ng		0.00
27) Fluoranthene-d10	19.043	212	82980	0.307	ng		0.00
31) Terphenyl-d14	19.654	244	65340	0.294	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.558	42	6337	0.386	ng	#	93
6) bis(2-Chloroethyl)ether	7.052	93	22355	0.386	ng		99
9) Naphthalene	10.432	128	98970	0.374	ng		100
10) Hexachlorobutadiene	10.723	225	17260	0.341	ng	#	100
12) 2-Methylnaphthalene	12.052	142	67279	0.397	ng		100
16) Acenaphthylene	13.964	152	84063	0.373	ng		100
17) Acenaphthene	14.307	154	54082	0.361	ng		100
18) Fluorene	15.296	166	66625	0.366	ng		99
20) 4,6-Dinitro-2-methylph...	15.385	198	1992	0.283	ng	#	72
21) 4-Bromophenyl-phenylether	16.202	248	22262	0.367	ng		92
22) Hexachlorobenzene	16.312	284	24029	0.347	ng		100
23) Atrazine	16.482	200	17837	0.370	ng		99
24) Pentachlorophenol	16.652	266	2314	0.174	ng		99
25) Phenanthrene	17.042	178	161937	0.560	ng		100
26) Anthracene	17.127	178	104484	0.407	ng		99
28) Fluoranthene	19.073	202	245539	0.756	ng		100
30) Pyrene	19.435	202	227968	0.727	ng		98
32) Benzo(a)anthracene	21.195	228	175068	0.555	ng		98
33) Chrysene	21.249	228	175509	0.547	ng		98
34) Bis(2-ethylhexyl)phtha...	21.153	149	121337	0.757	ng		98
36) Indeno(1,2,3-cd)pyrene	25.716	276	199209	0.477	ng		99
37) Benzo(b)fluoranthene	22.779	252	204733	0.587	ng		100
38) Benzo(k)fluoranthene	22.824	252	162177	0.478	ng	#	97
39) Benzo(a)pyrene	23.351	252	174823	0.548	ng		100
40) Dibenzo(a,h)anthracene	25.737	278	140655	0.412	ng		99
41) Benzo(g,h,i)perylene	26.407	276	175886	0.484	ng		99

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

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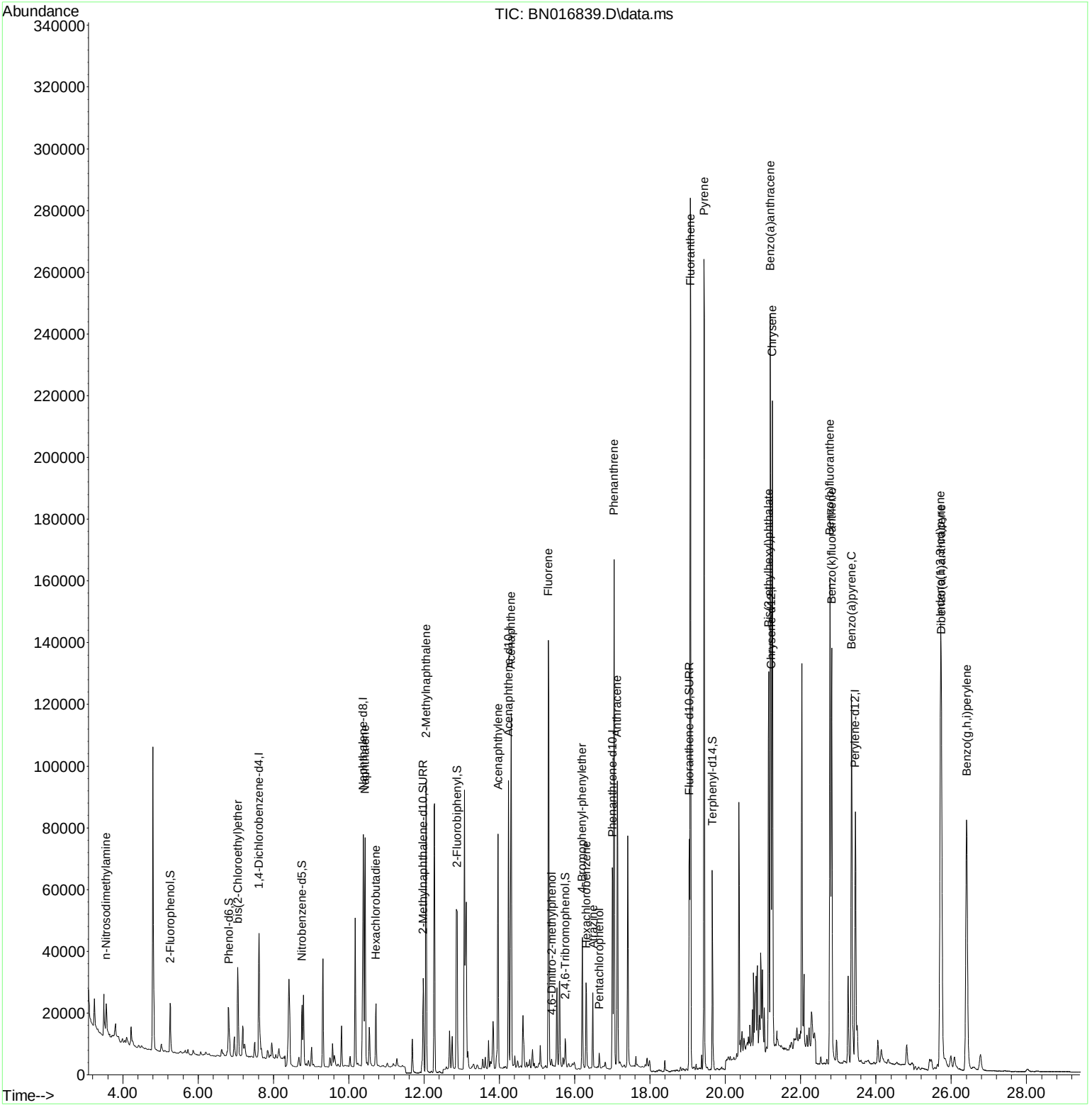
Acq On : 08 Oct 2021 11:45
Operator : CG/JU
Sample : M4045-08MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

Quant Time: Oct 08 14:56:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration



Instrument :
BNA_N
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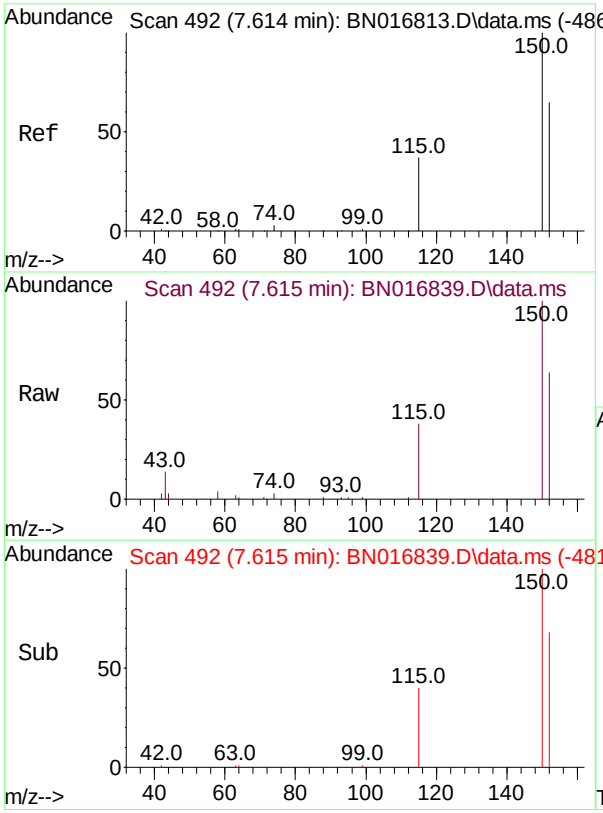
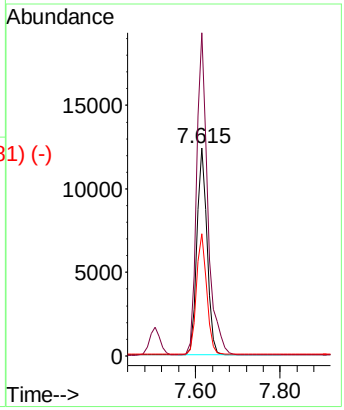
S-842-R-SO-1-1.5-100121MS

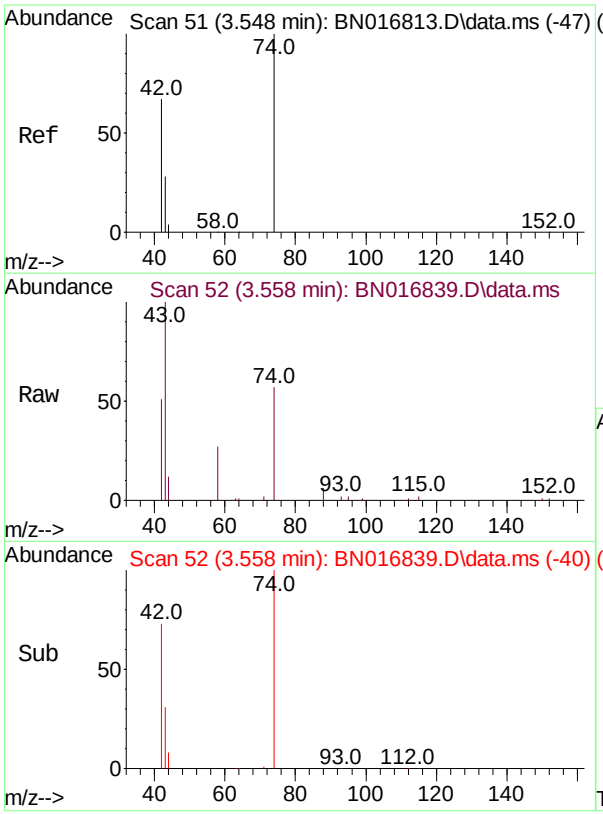


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.615 min Scan# 492
Delta R.T. 0.001 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:152 Resp: 20932

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.3	184.9
115	58.8	47.0	70.6

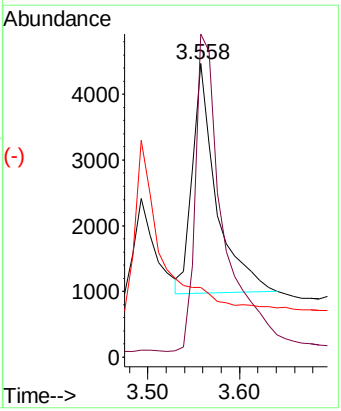




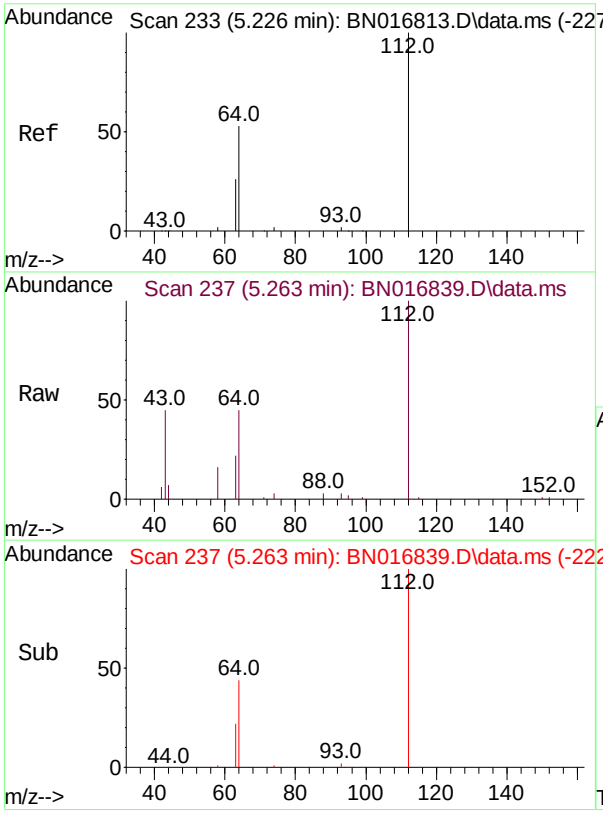
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.558 min Scan# 52
Delta R.T. 0.009 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion: 42 Resp: 6337

Ion	Ratio	Lower	Upper
42	100		
74	163.4	124.0	186.0
44	0.0	5.6	8.4#



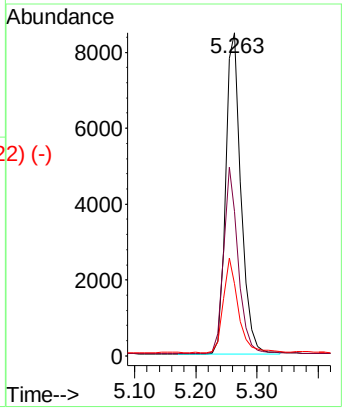
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

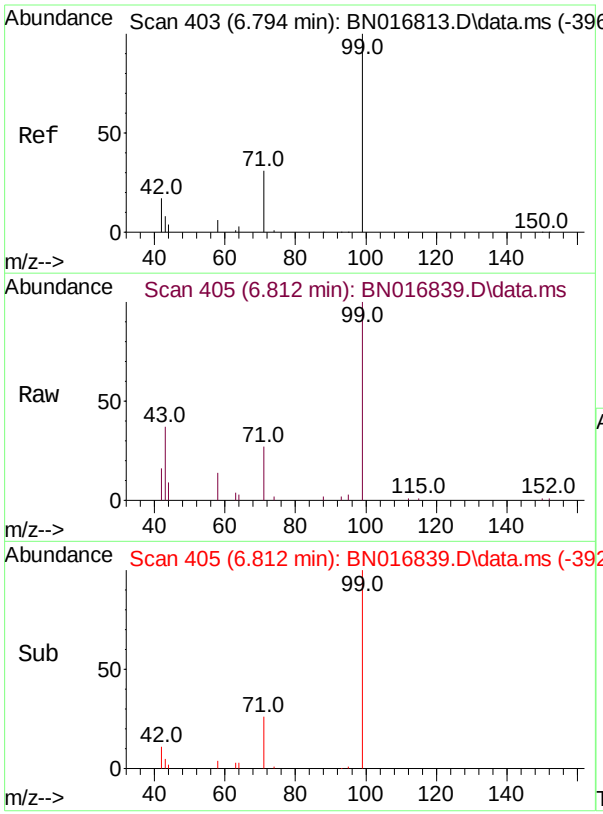


#4
2-Fluorophenol
Concen: 0.284 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.037 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:112 Resp: 14830

Ion	Ratio	Lower	Upper
112	100		
64	54.9	42.9	64.3
63	28.6	21.5	32.3

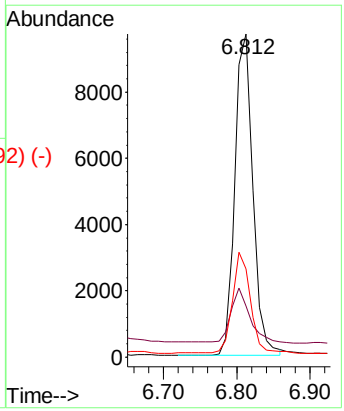




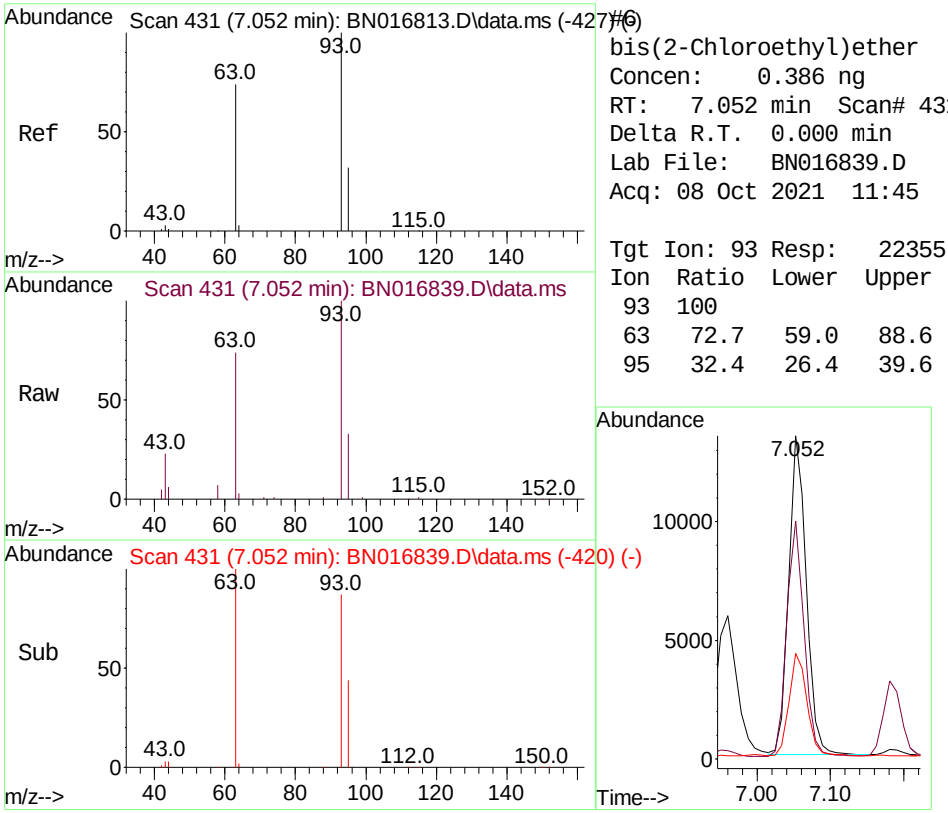
#5
Phenol-d6
Concen: 0.276 ng
RT: 6.812 min Scan# 405
Delta R.T. 0.019 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion: 99 Resp: 16408

Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.4	20.2
71	31.3	24.0	36.0



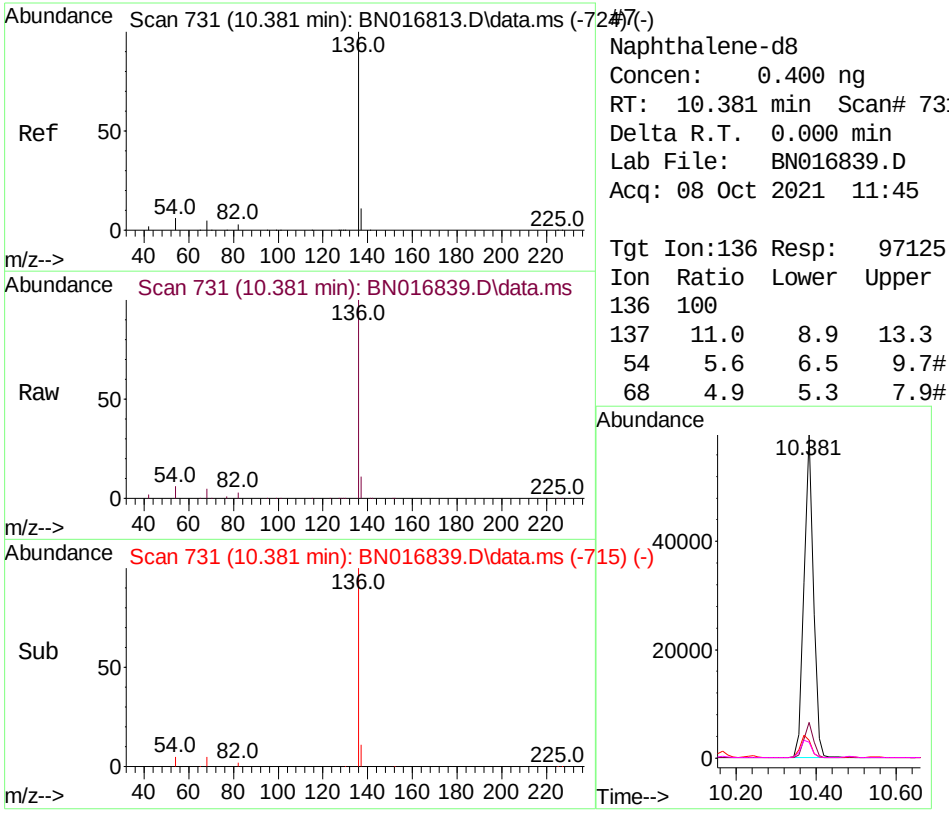
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS



#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.052 min Scan# 431
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion: 93 Resp: 22355

Ion	Ratio	Lower	Upper
93	100		
63	72.7	59.0	88.6
95	32.4	26.4	39.6

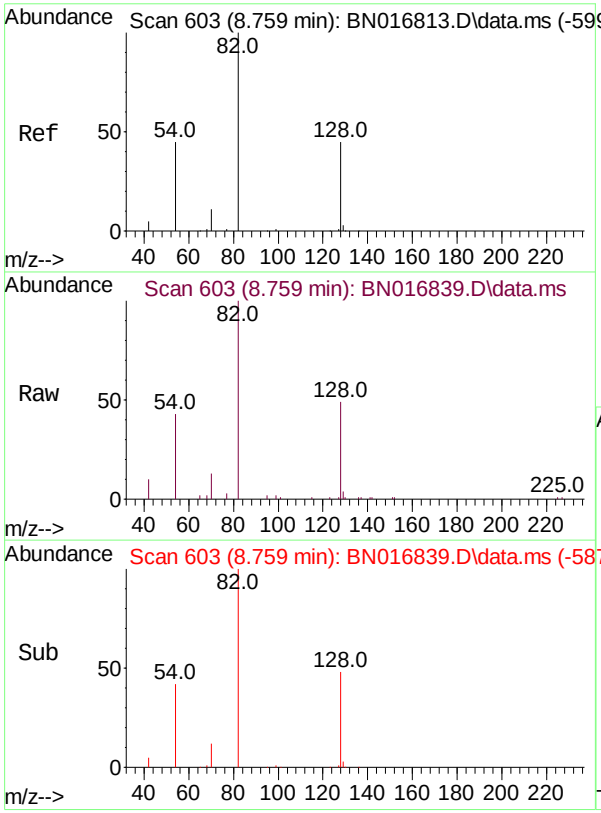


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:136 Resp: 97125

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	5.6	6.5	9.7#
68	4.9	5.3	7.9#

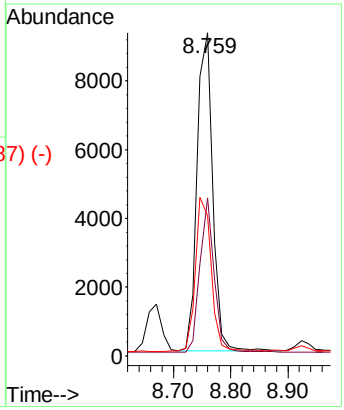
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

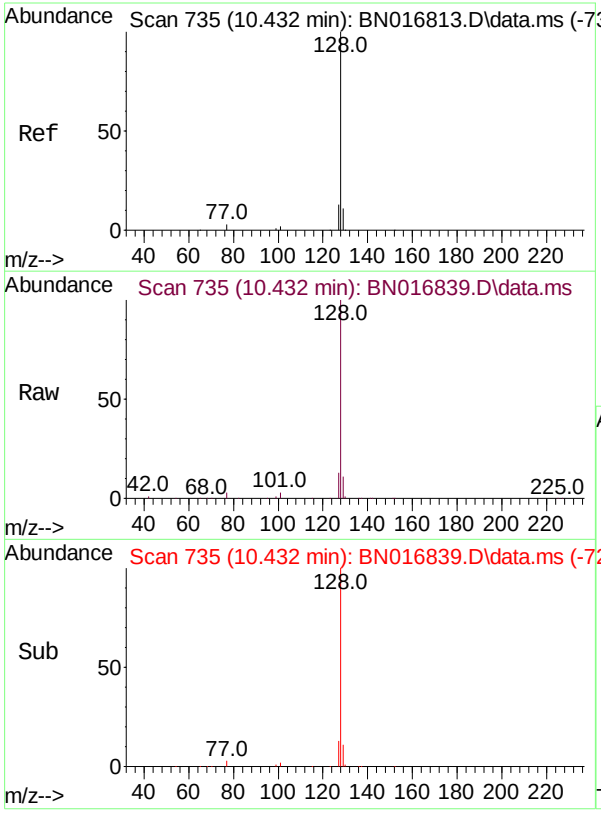


#8
Nitrobenzene-d5
Concen: 0.257 ng
RT: 8.759 min Scan# 603
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion: 82 Resp: 17513

Ion	Ratio	Lower	Upper
82	100		
128	48.9	33.8	50.6
54	43.4	38.5	57.7

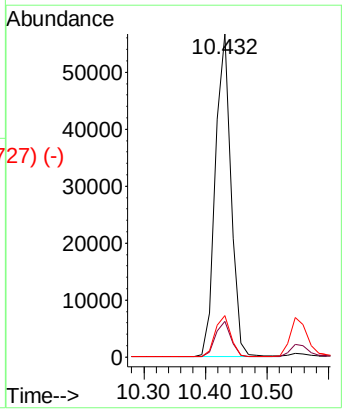




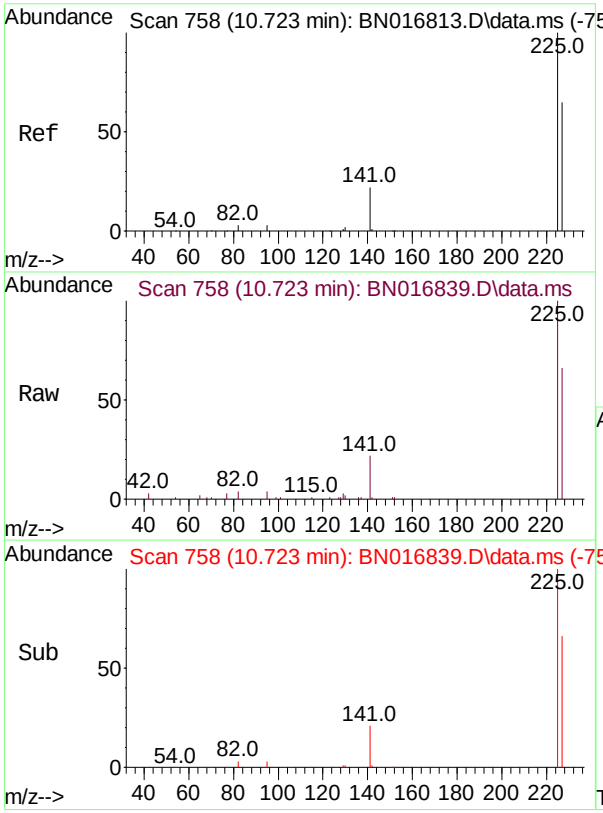
#9
Naphthalene
Concen: 0.374 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:128 Resp: 98970

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	12.9	10.3	15.5



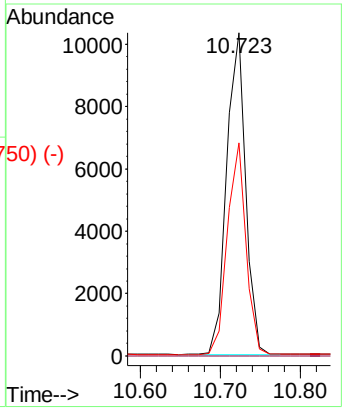
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

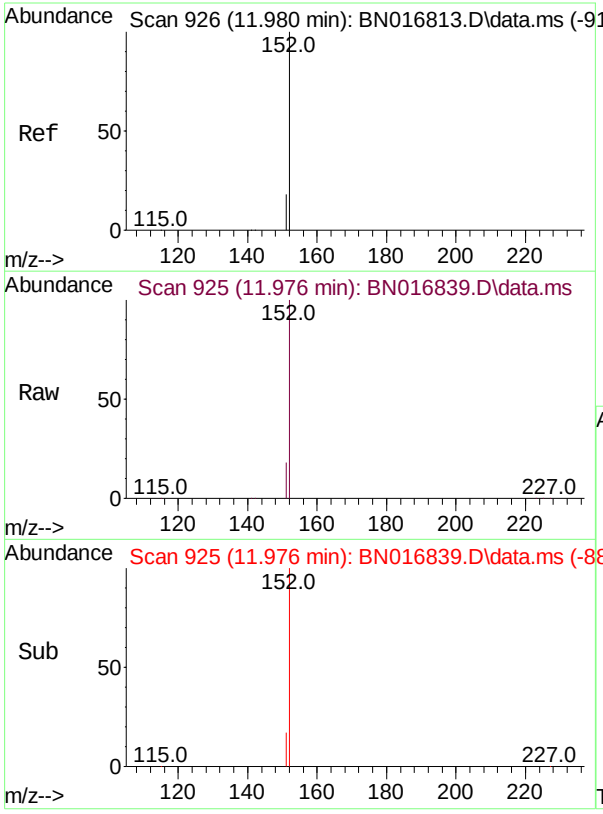


#10
Hexachlorobutadiene
Concen: 0.341 ng
RT: 10.723 min Scan# 758
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:225 Resp: 17260

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.1	76.7

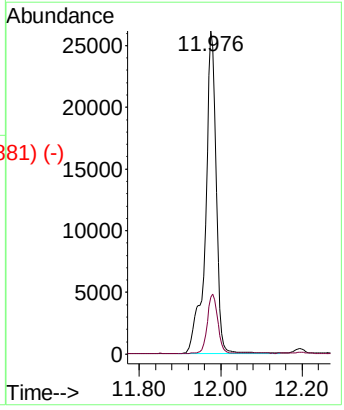


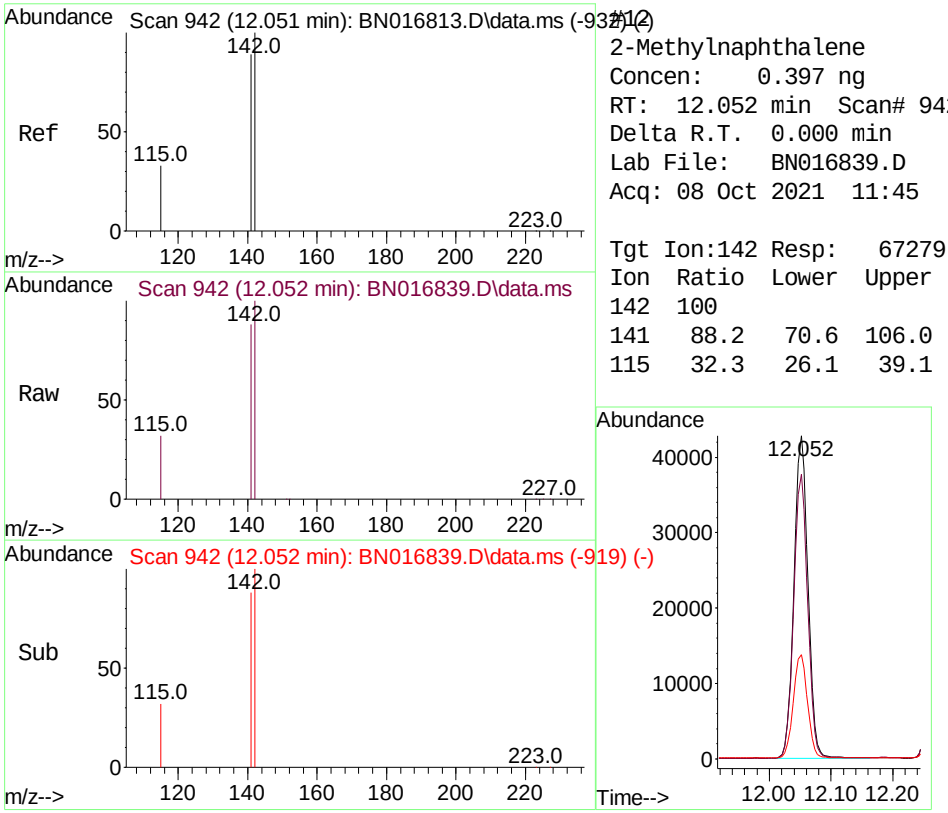


#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:152 Resp: 47312

Ion	Ratio	Lower	Upper
152	100		
151	17.9	16.2	24.4





#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.052 min Scan# 942
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:142 Resp: 67279

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.6	106.0
115	32.3	26.1	39.1

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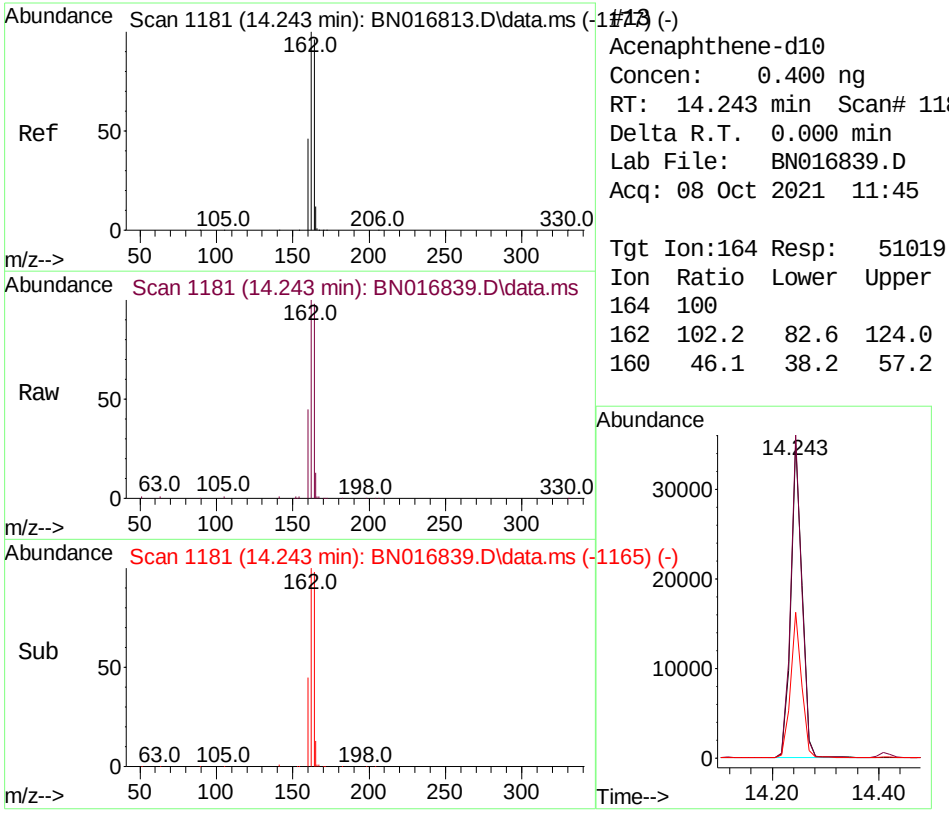

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:164 Resp: 51019

Ion	Ratio	Lower	Upper
164	100		
162	102.2	82.6	124.0
160	46.1	38.2	57.2

Instrument :
BNA_N
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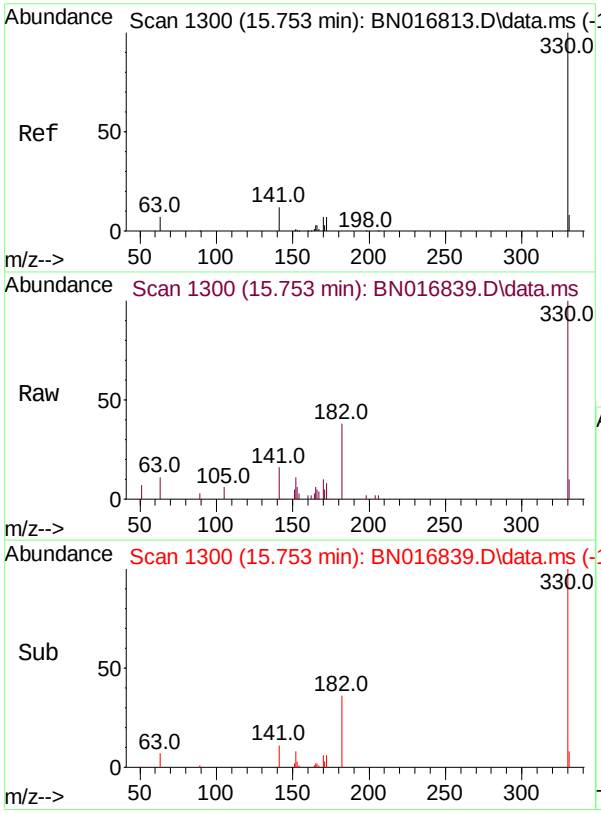
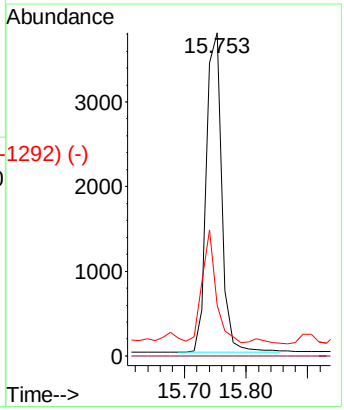
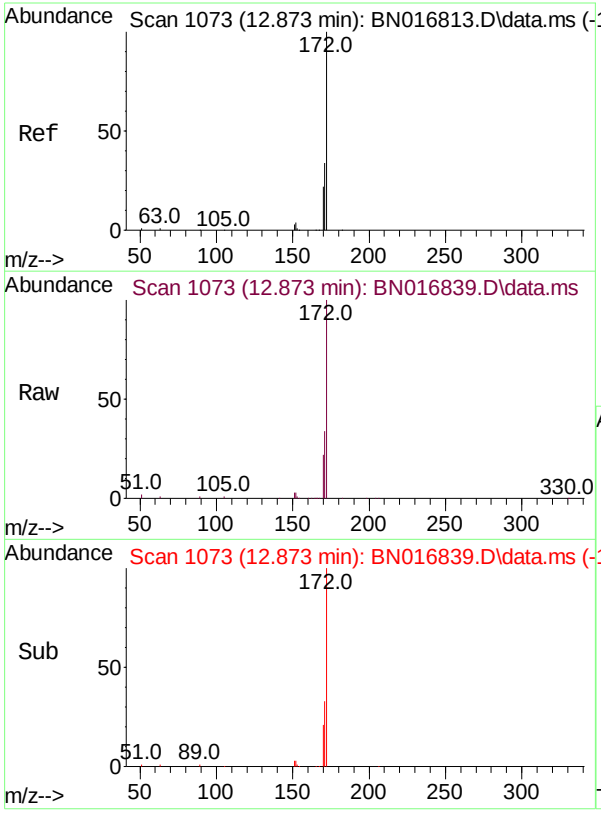


#954
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:330 Resp: 6636

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.3	24.2	36.2

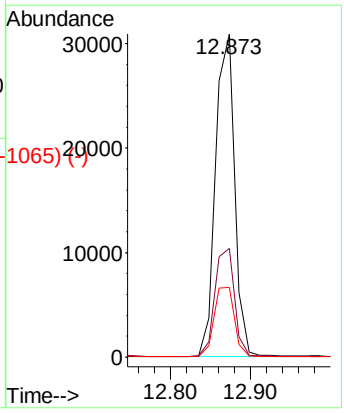




#815
2-Fluorobiphenyl
Concen: 0.251 ng
RT: 12.873 min Scan# 1073
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:172 Resp: 51685

Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.9	40.3
170	21.5	17.4	26.0



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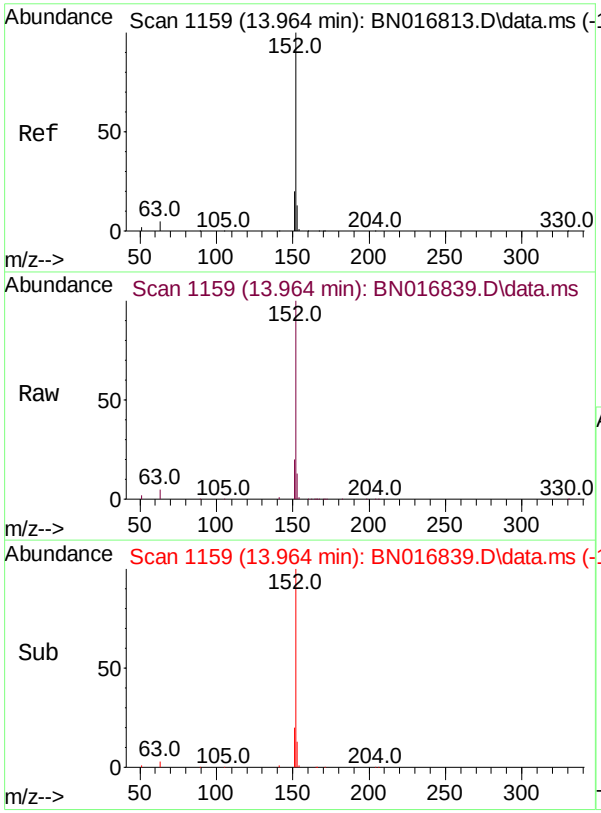
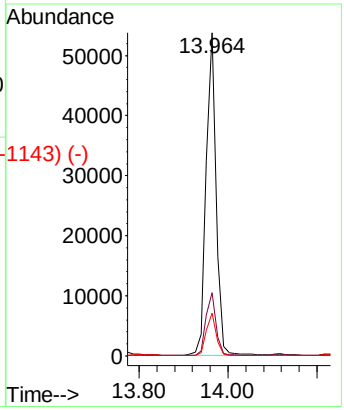
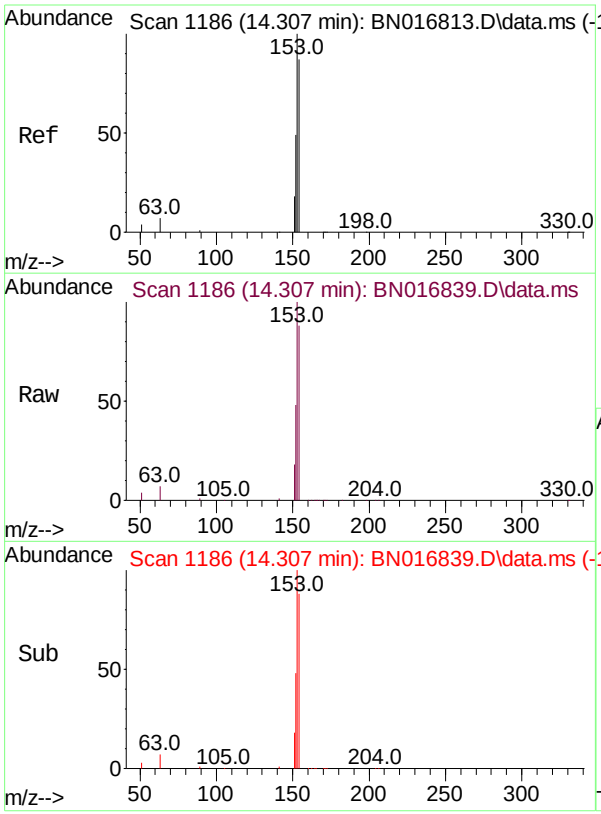


#116
Acenaphthylene
Concen: 0.373 ng
RT: 13.964 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:152 Resp: 84063

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	13.2	10.4	15.6

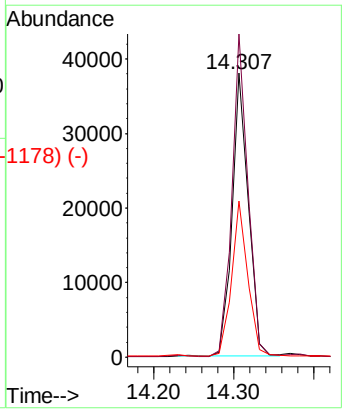




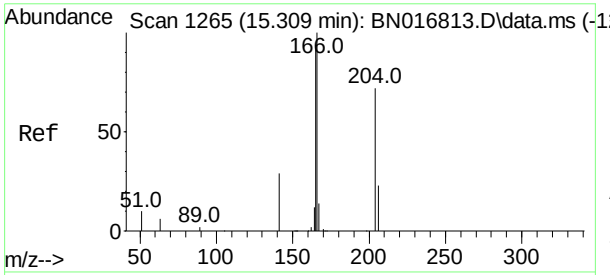
#117
Acenaphthene
Concen: 0.361 ng
RT: 14.307 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:154 Resp: 54082

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.8	43.6	65.4



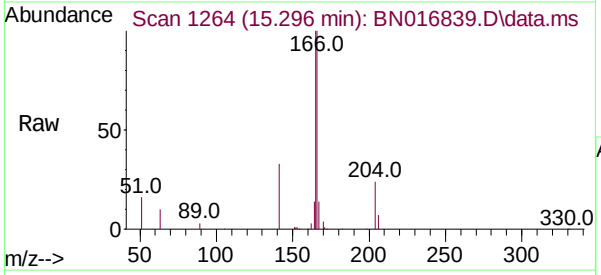
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

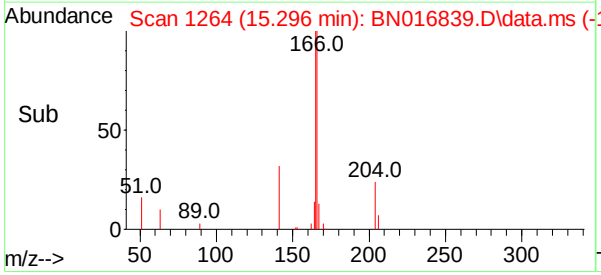


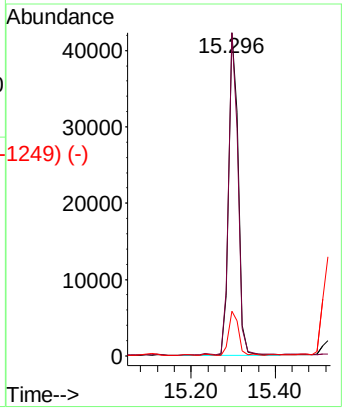
#10
Fluorene
Concen: 0.366 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.013 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

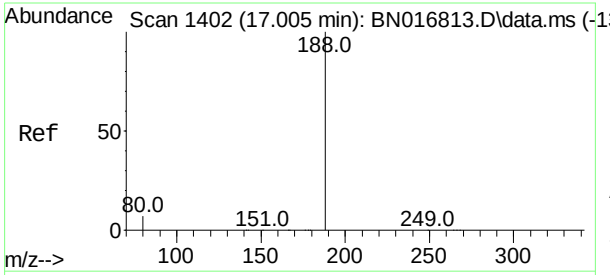
Tgt Ion:166 Resp: 66625

Ion	Ratio	Lower	Upper
166	100		
165	97.0	78.1	117.1
167	14.0	10.7	16.1





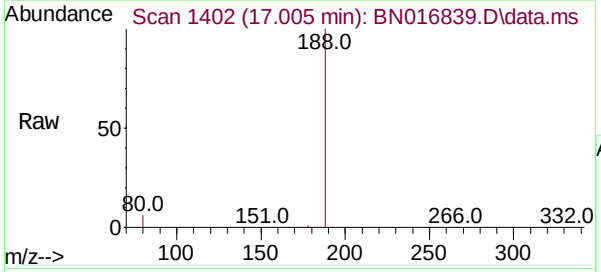


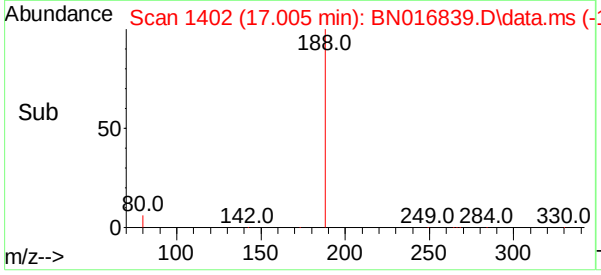


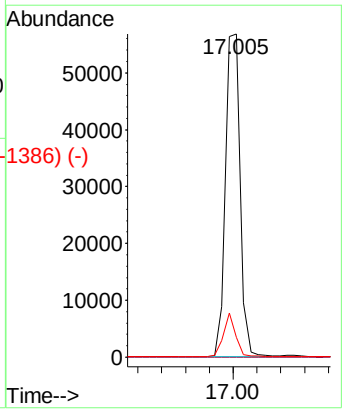
#12
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:188 Resp: 97359

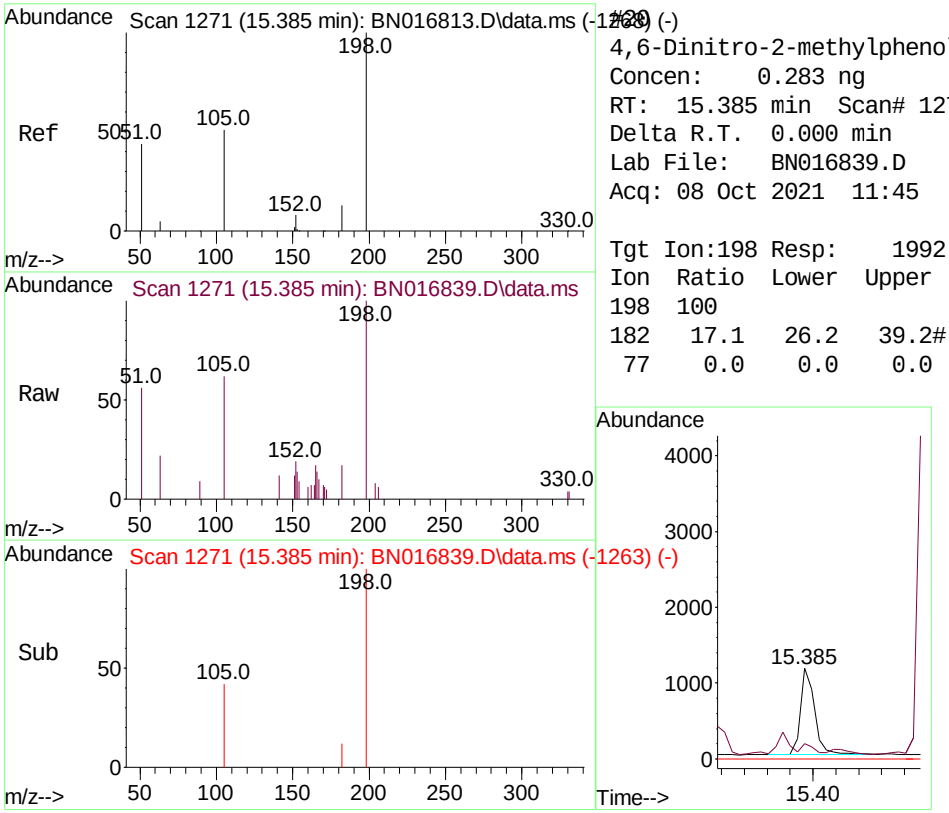
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.0	5.8	8.8







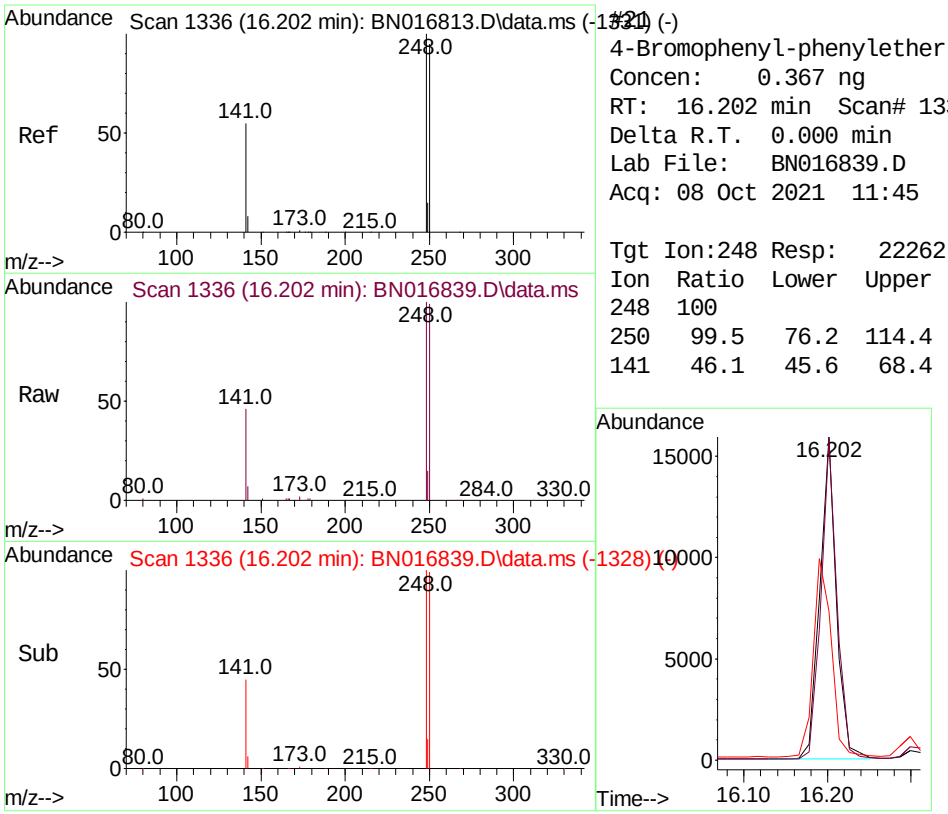
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS



#20
4,6-Dinitro-2-methylphenol
Concen: 0.283 ng
RT: 15.385 min Scan# 1271
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:198 Resp: 1992

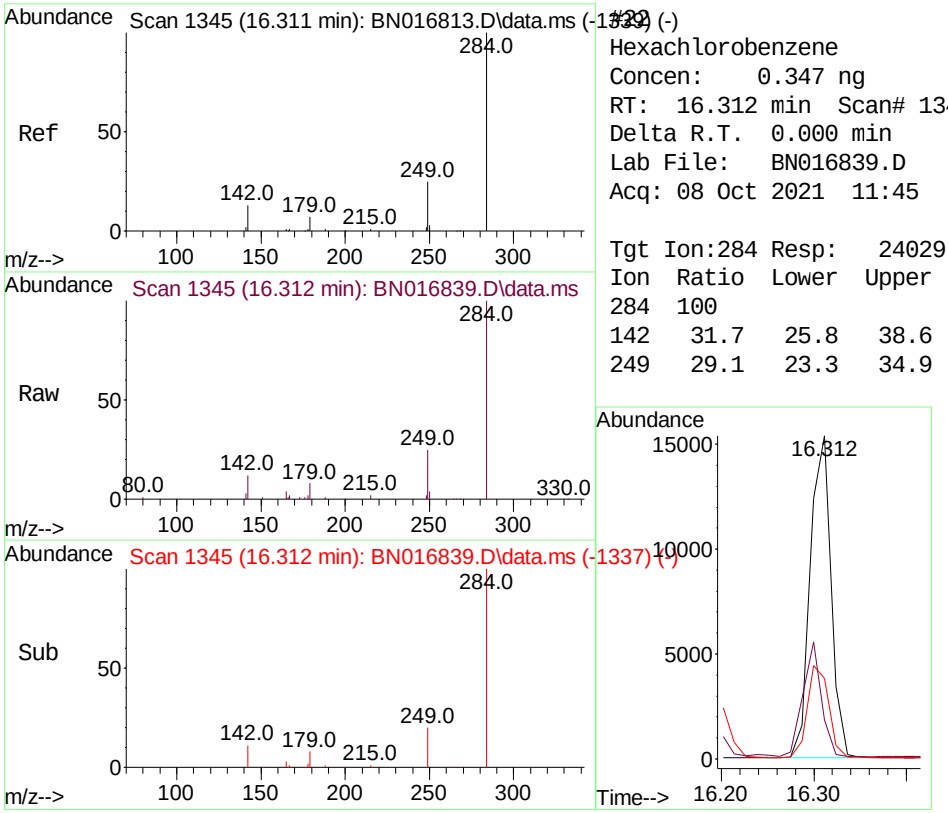
Ion	Ratio	Lower	Upper
198	100		
182	17.1	26.2	39.2#
77	0.0	0.0	0.0



#21
4-Bromophenyl-phenylether
Concen: 0.367 ng
RT: 16.202 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:248 Resp: 22262

Ion	Ratio	Lower	Upper
248	100		
250	99.5	76.2	114.4
141	46.1	45.6	68.4

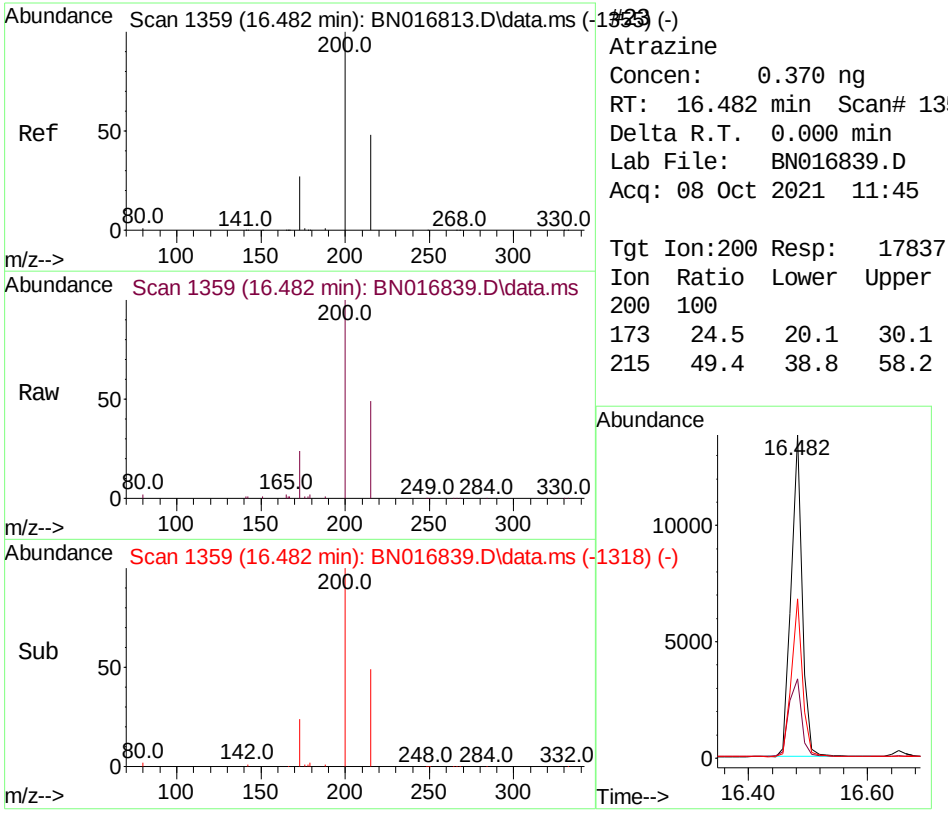


#22
Hexachlorobenzene
Concen: 0.347 ng
RT: 16.312 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:284 Resp: 24029

Ion	Ratio	Lower	Upper
284	100		
142	31.7	25.8	38.6
249	29.1	23.3	34.9

Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

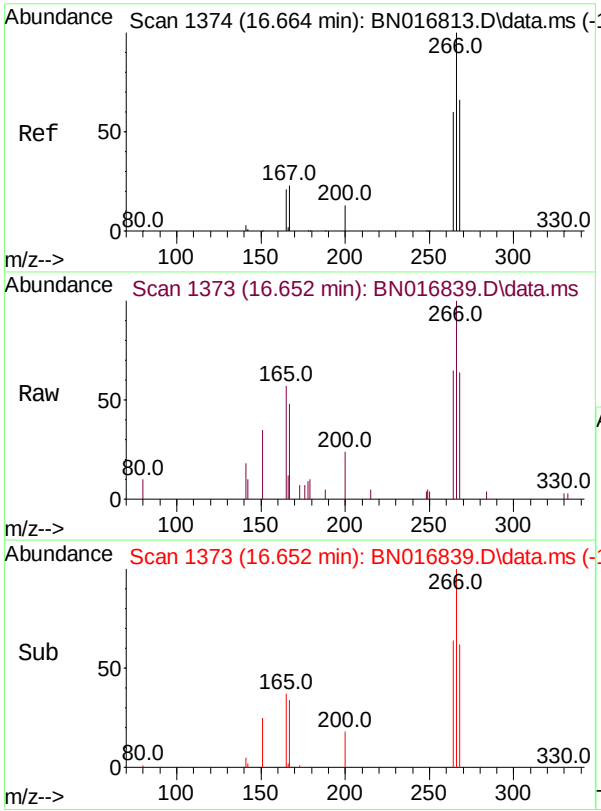


#23
Atrazine
Concen: 0.370 ng
RT: 16.482 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:200 Resp: 17837

Ion	Ratio	Lower	Upper
200	100		
173	24.5	20.1	30.1
215	49.4	38.8	58.2

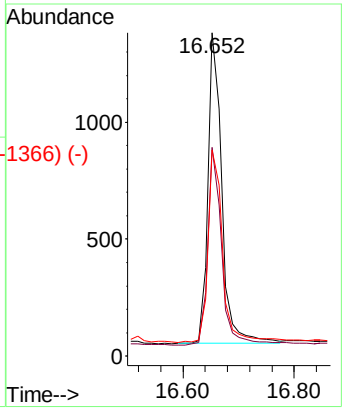
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

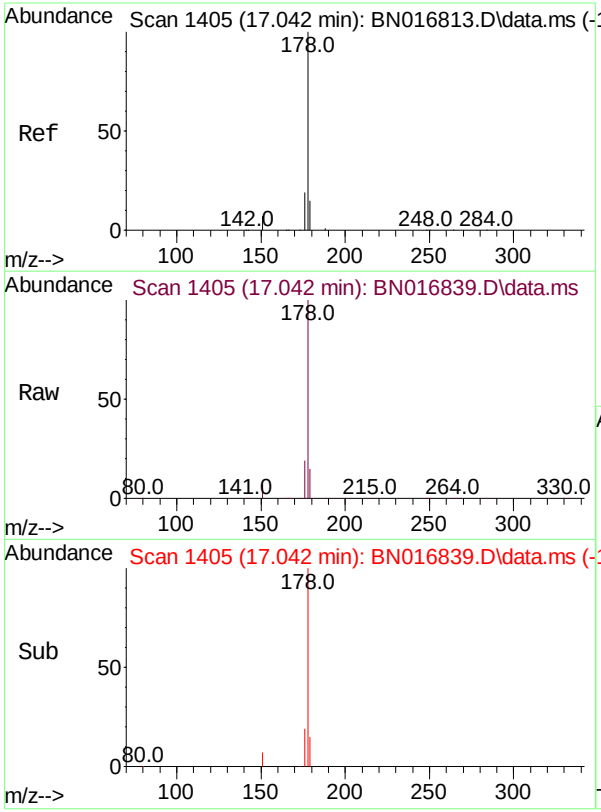


#24
Pentachlorophenol
Concen: 0.174 ng
RT: 16.652 min Scan# 1373
Delta R.T. -0.012 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:266 Resp: 2314

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.3	73.9
268	65.1	51.8	77.8

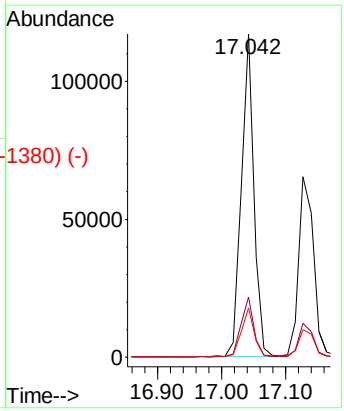




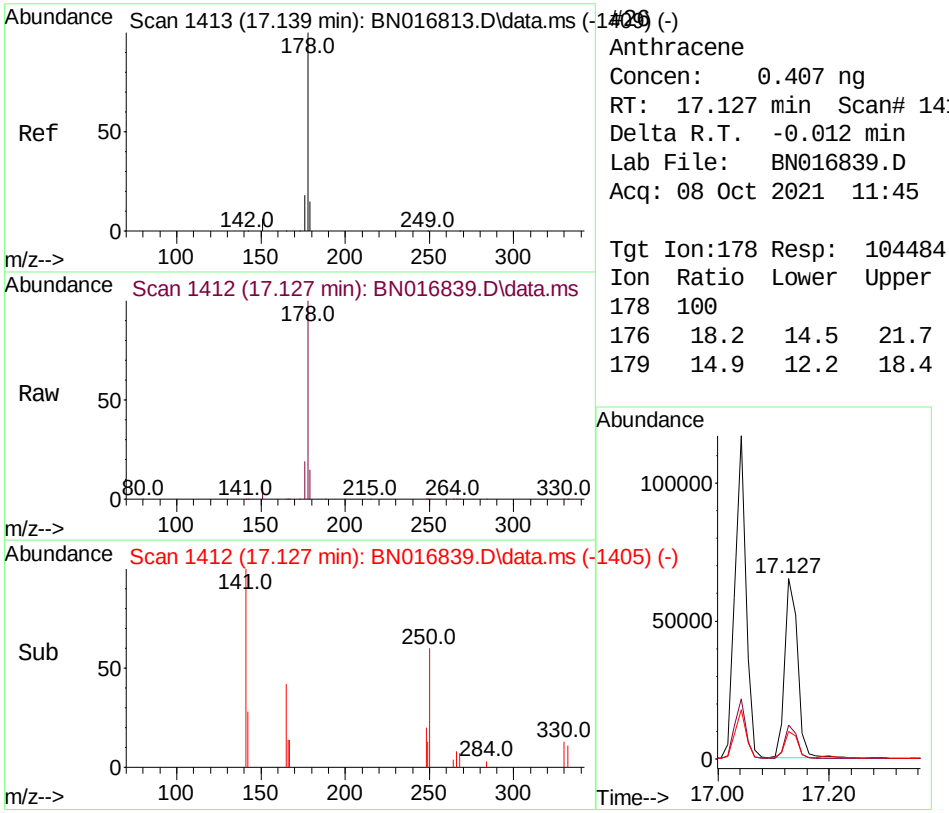
#25
Phenanthrene
Concen: 0.560 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:178 Resp: 161937

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.5	12.4	18.6



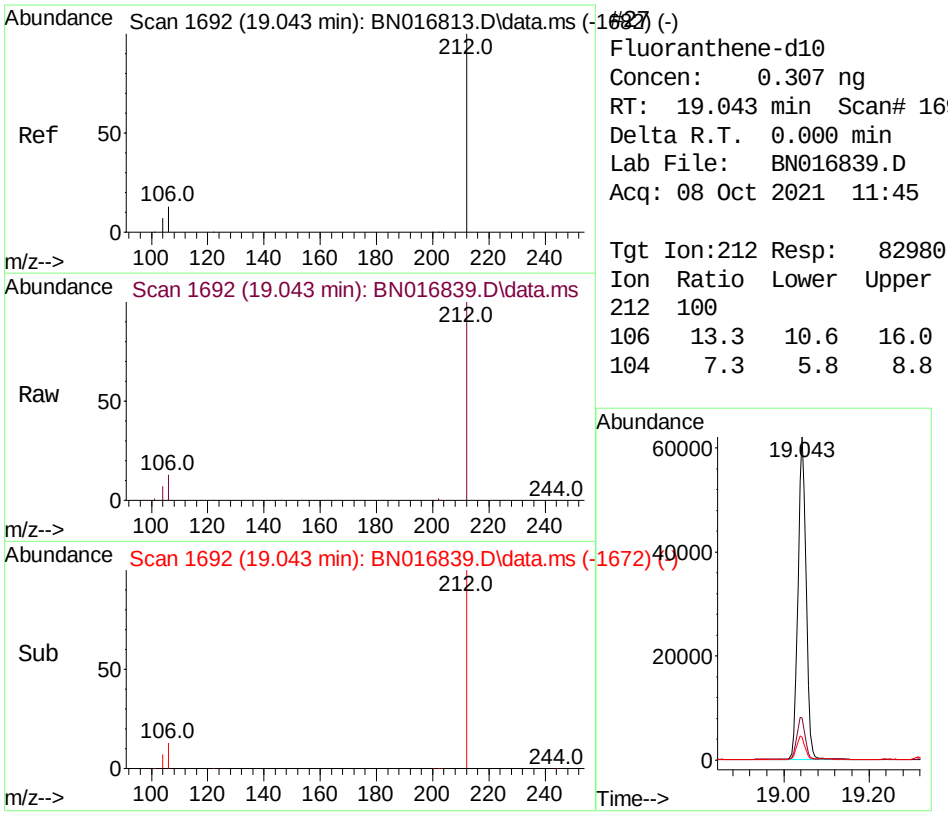
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS



#26
Anthracene
Concen: 0.407 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:178 Resp: 104484

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	14.9	12.2	18.4

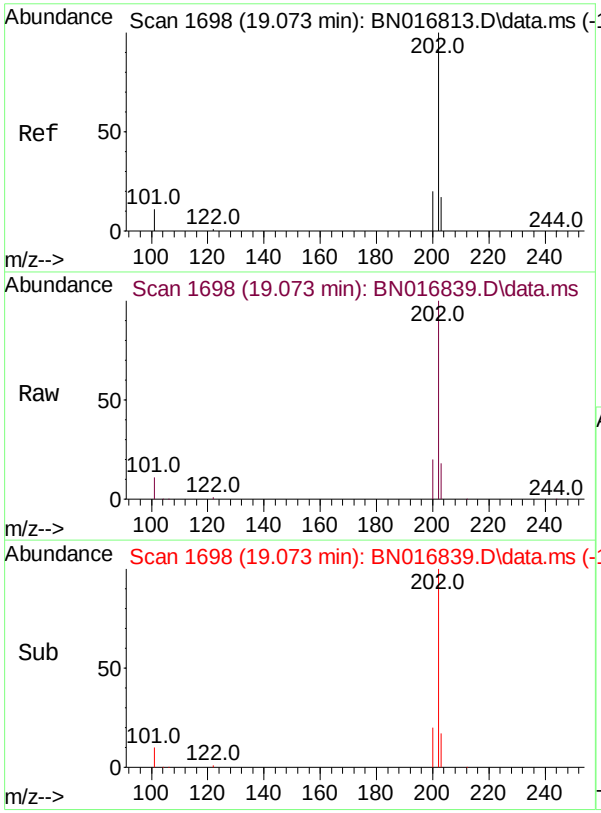


#27
Fluoranthene-d10
Concen: 0.307 ng
RT: 19.043 min Scan# 1692
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:212 Resp: 82980

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.3	5.8	8.8

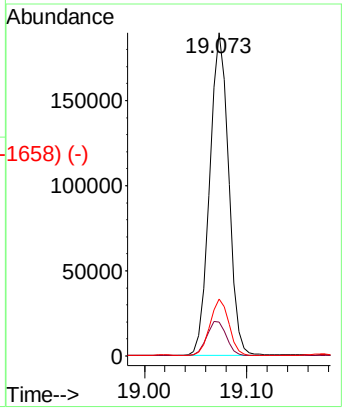
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

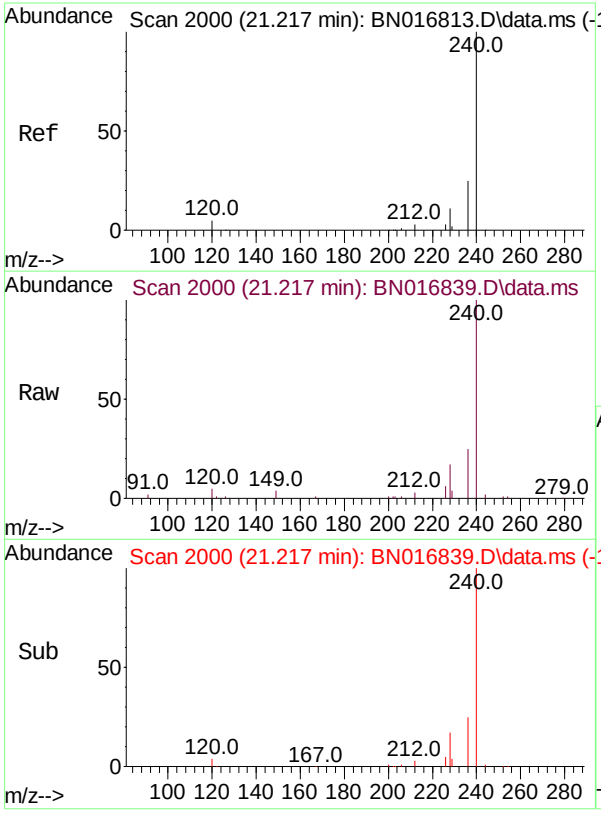


#28
Fluoranthene
Concen: 0.756 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:202 Resp: 245539

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
203	17.3	13.8	20.8

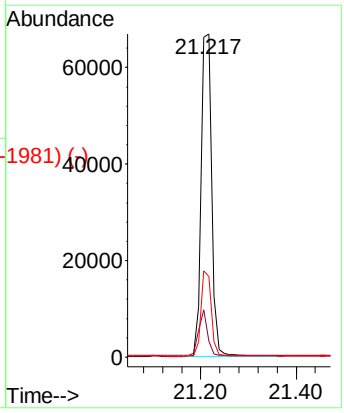




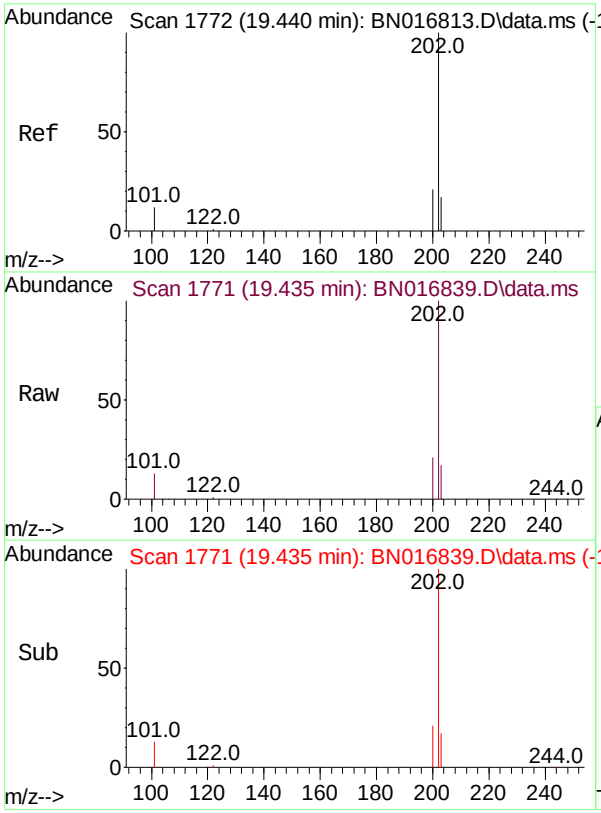
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:240 Resp: 101953

Ion	Ratio	Lower	Upper
240	100		
120	5.0	6.6	10.0#
236	24.9	20.7	31.1



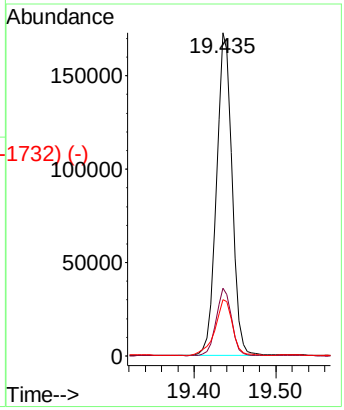
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

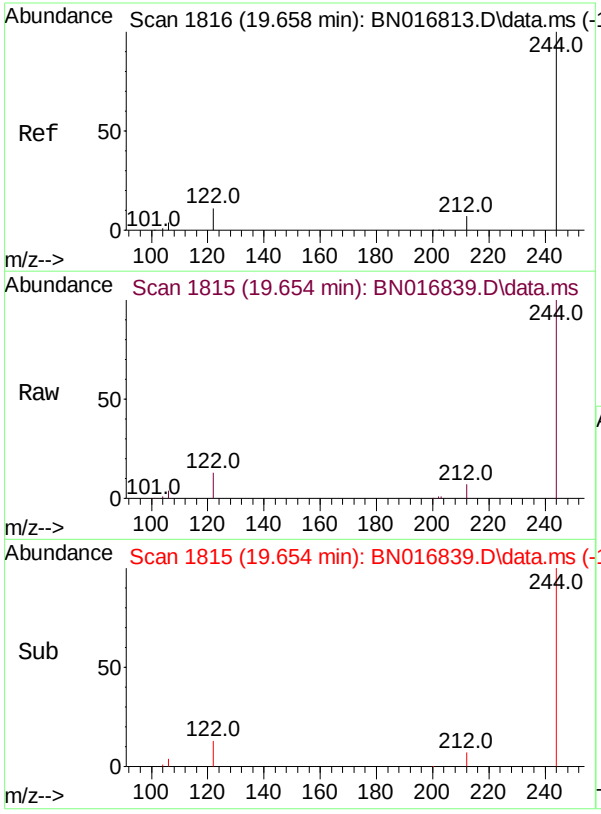


#30
Pyrene
Concen: 0.727 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.005 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:202 Resp: 227968

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	19.4	13.9	20.9

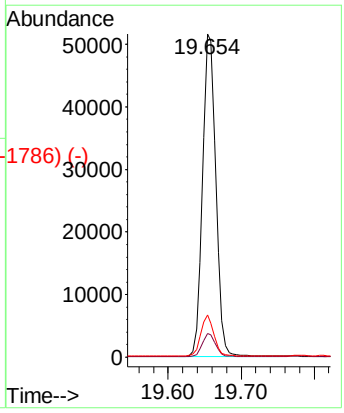




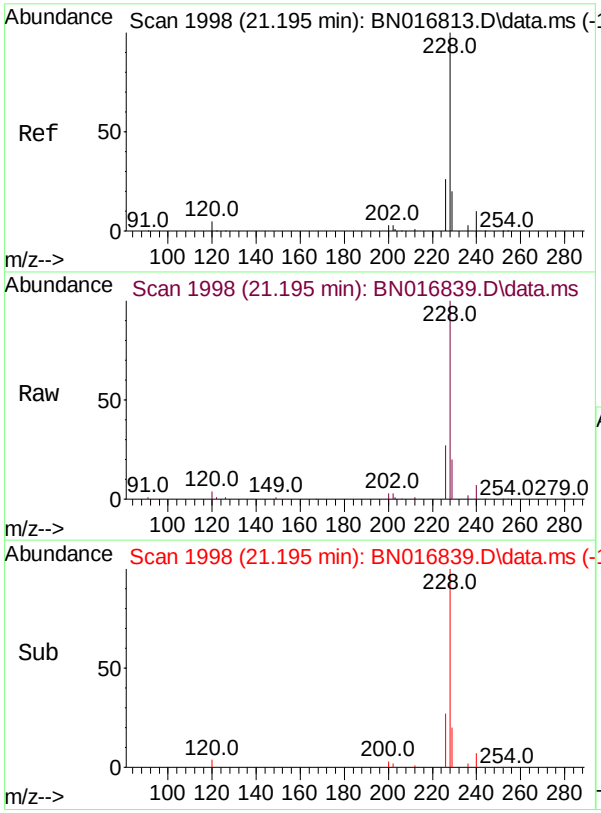
#31
Terphenyl-d14
Concen: 0.294 ng
RT: 19.654 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:244 Resp: 65340

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	13.0	8.9	13.3



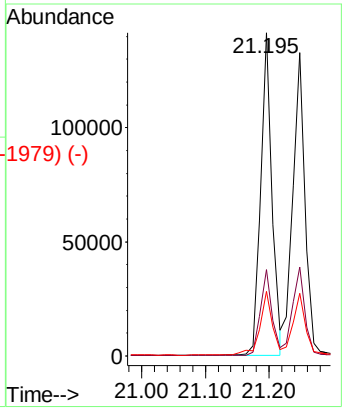
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

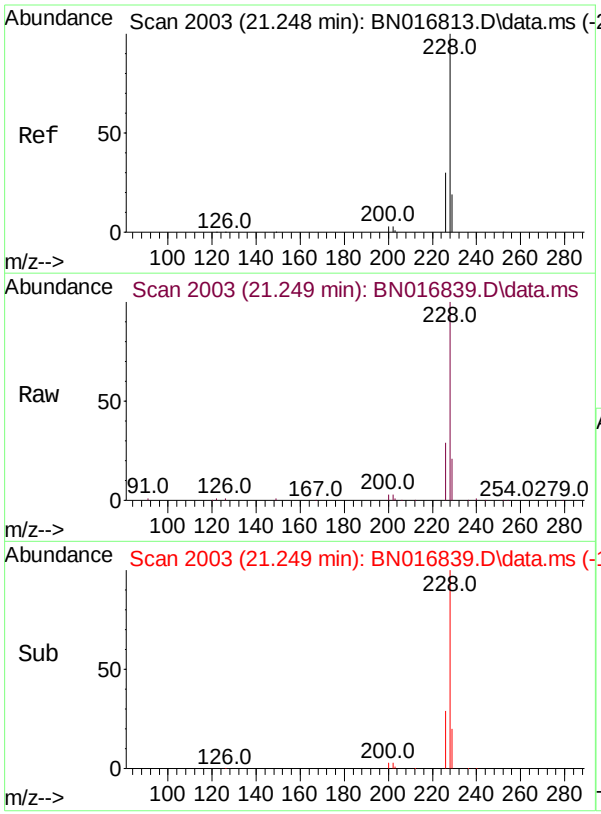


#32
Benzo(a)anthracene
Concen: 0.555 ng
RT: 21.195 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:228 Resp: 175068

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.3	33.5
229	20.0	15.4	23.0

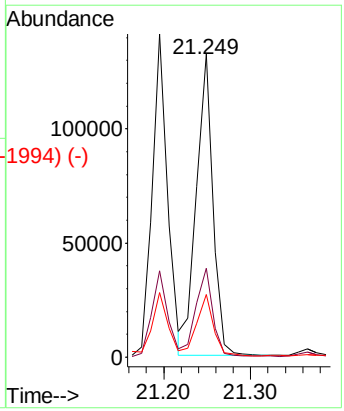




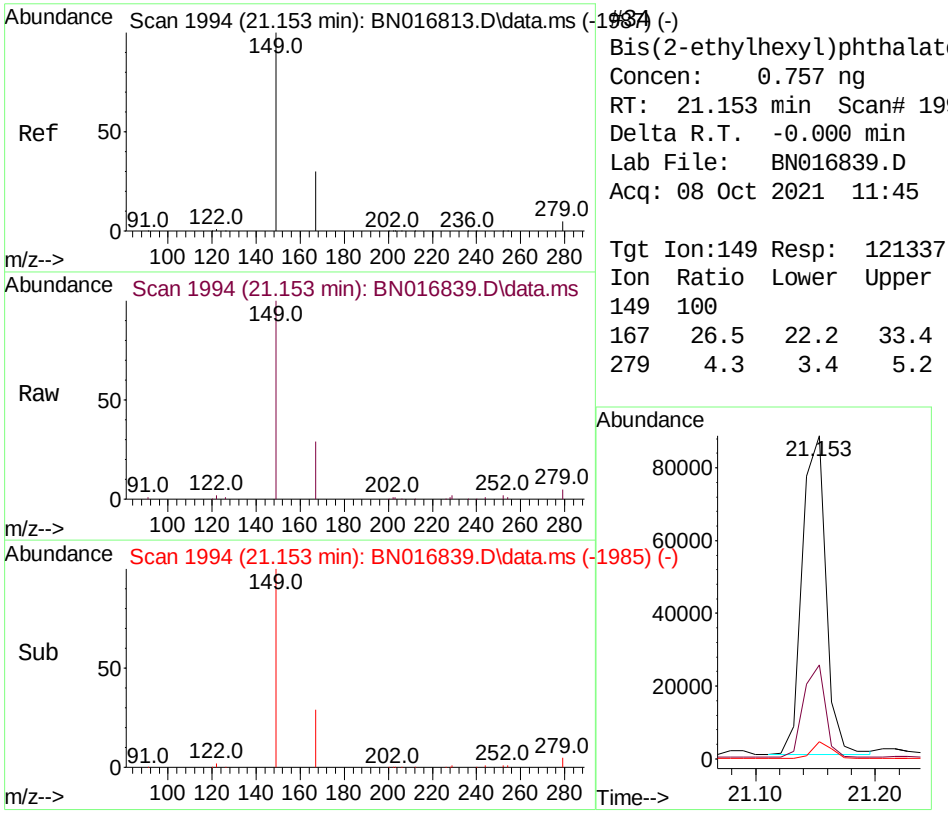
#33
Chrysene
Concen: 0.547 ng
RT: 21.249 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:228 Resp: 175509

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.4
229	20.6	15.4	23.0



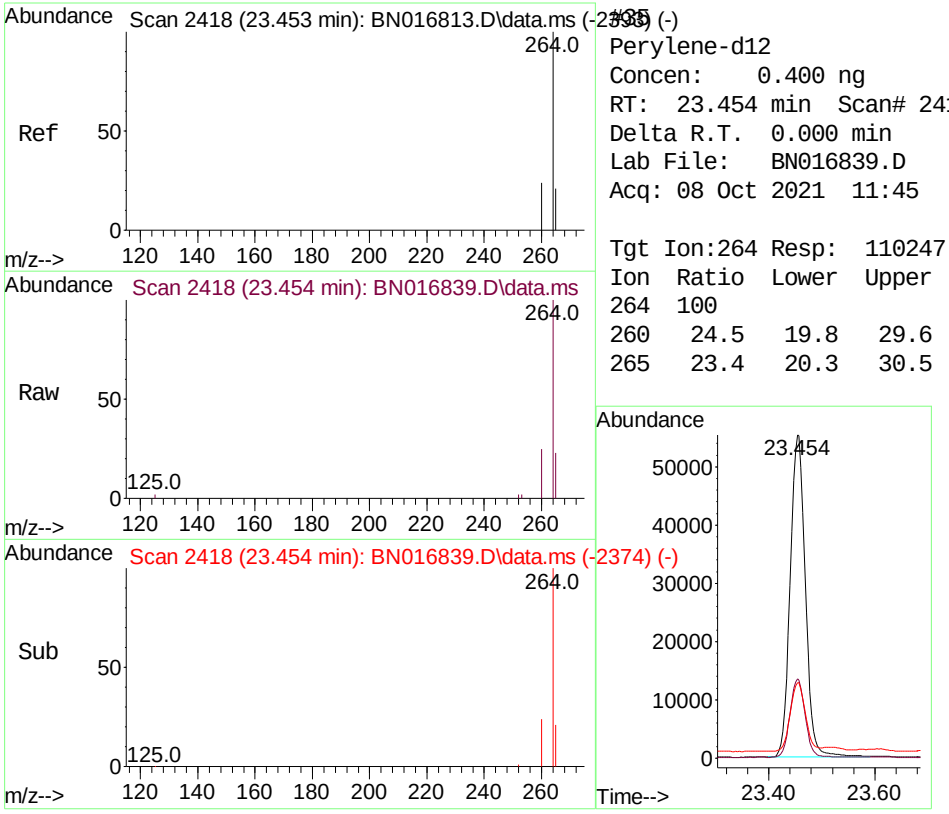
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.757 ng
RT: 21.153 min Scan# 1994
Delta R.T. -0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:149 Resp: 121337

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.4
279	4.3	3.4	5.2

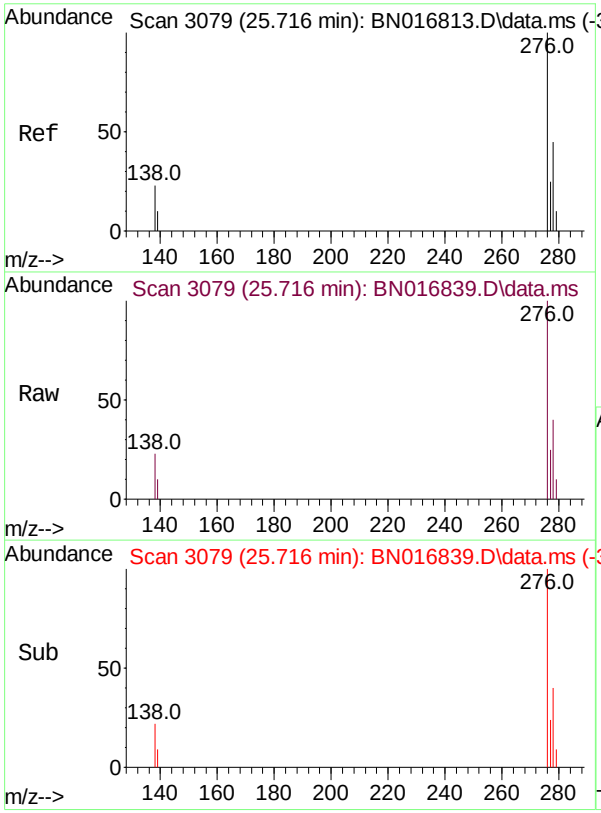


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.454 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:264 Resp: 110247

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	23.4	20.3	30.5

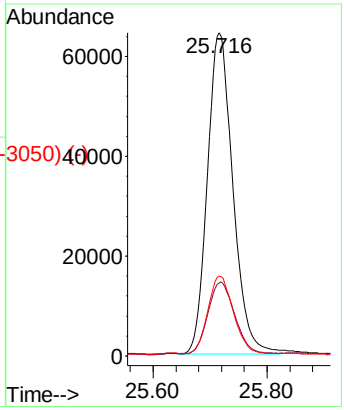
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

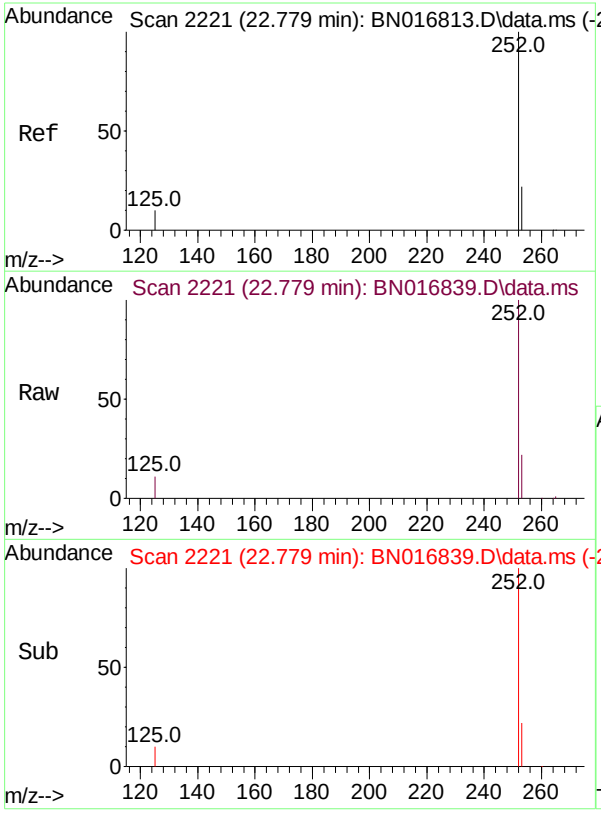


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.477 ng
RT: 25.716 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:276 Resp: 199209

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.2	28.8
277	24.1	20.0	30.0

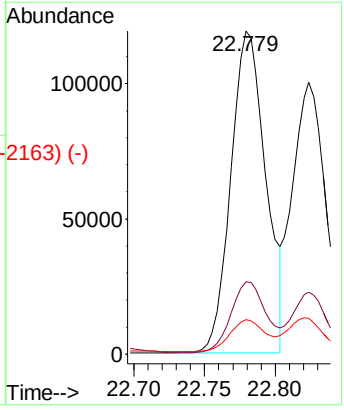




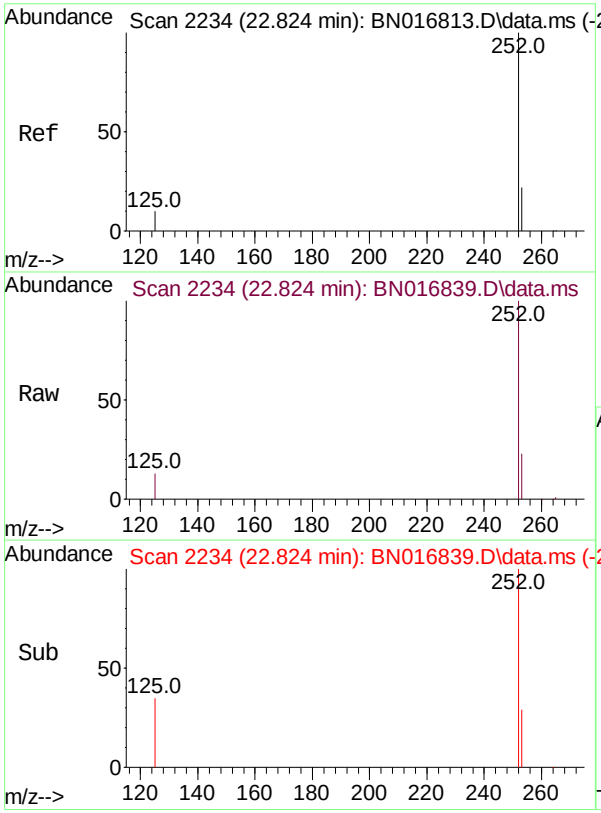
#37
Benzo(b)fluoranthene
Concen: 0.587 ng
RT: 22.779 min Scan# 2221
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:252 Resp: 204733

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.3	12.5



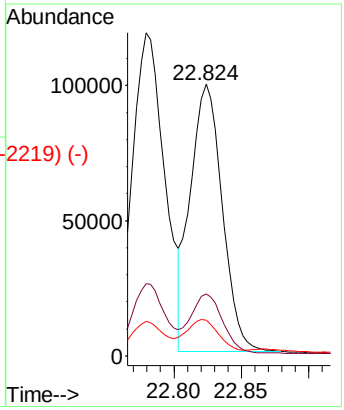
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

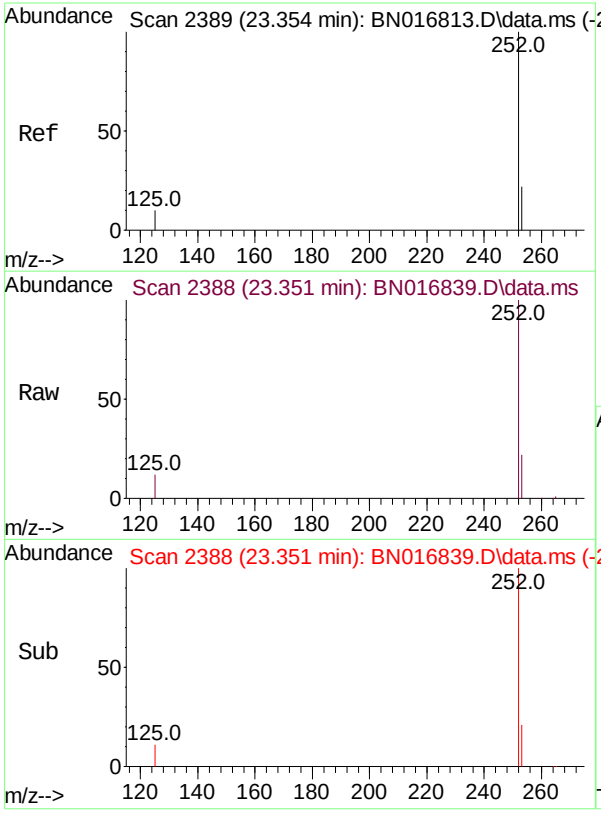


#38
Benzo(k)fluoranthene
Concen: 0.478 ng
RT: 22.824 min Scan# 2234
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:252 Resp: 162177

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.8
125	13.2	8.5	12.7#

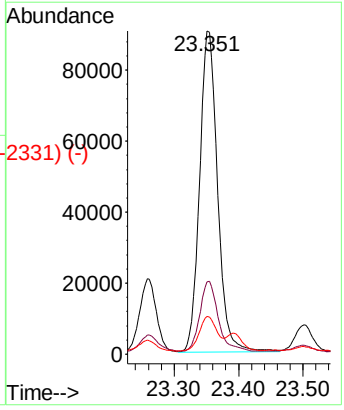




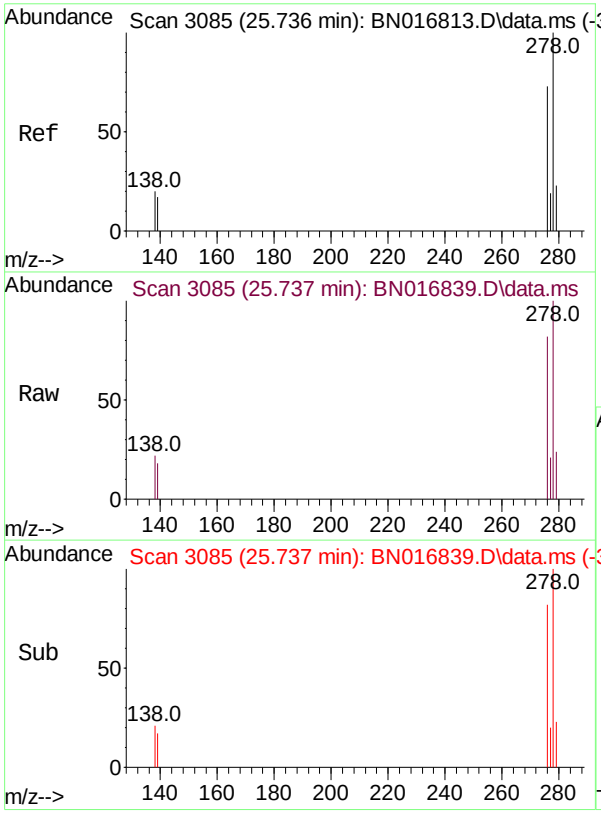
#39
Benzo(a)pyrene
Concen: 0.548 ng
RT: 23.351 min Scan# 2388
Delta R.T. -0.003 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:252 Resp: 174823

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.7	9.4	14.2



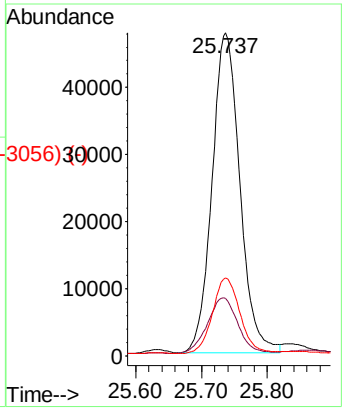
Instrument :
BNA_N
ClientSampleId :
S-842-R-SO-1-1.5-100121MS

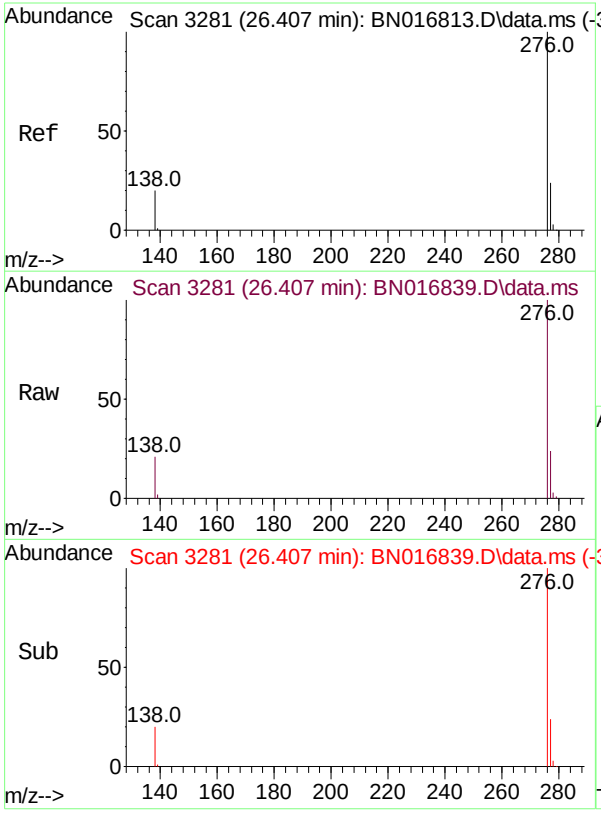


#40
Dibenzo(a,h)anthracene
Concen: 0.412 ng
RT: 25.737 min Scan# 3085
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:278 Resp: 140655

Ion	Ratio	Lower	Upper
278	100		
139	17.7	13.1	19.7
279	24.1	19.3	28.9





#41
Benzo(g,h,i)perylene
Concen: 0.484 ng
RT: 26.407 min Scan# 3281
Delta R.T. 0.000 min
Lab File: BN016839.D
Acq: 08 Oct 2021 11:45

Tgt Ion:276 Resp: 175886

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	20.9	17.0	25.6