Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016719.D
Acq On : 04 Oct 2021 20:47
Operator : CG/JU
Sample : M3829-12MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 15:52:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

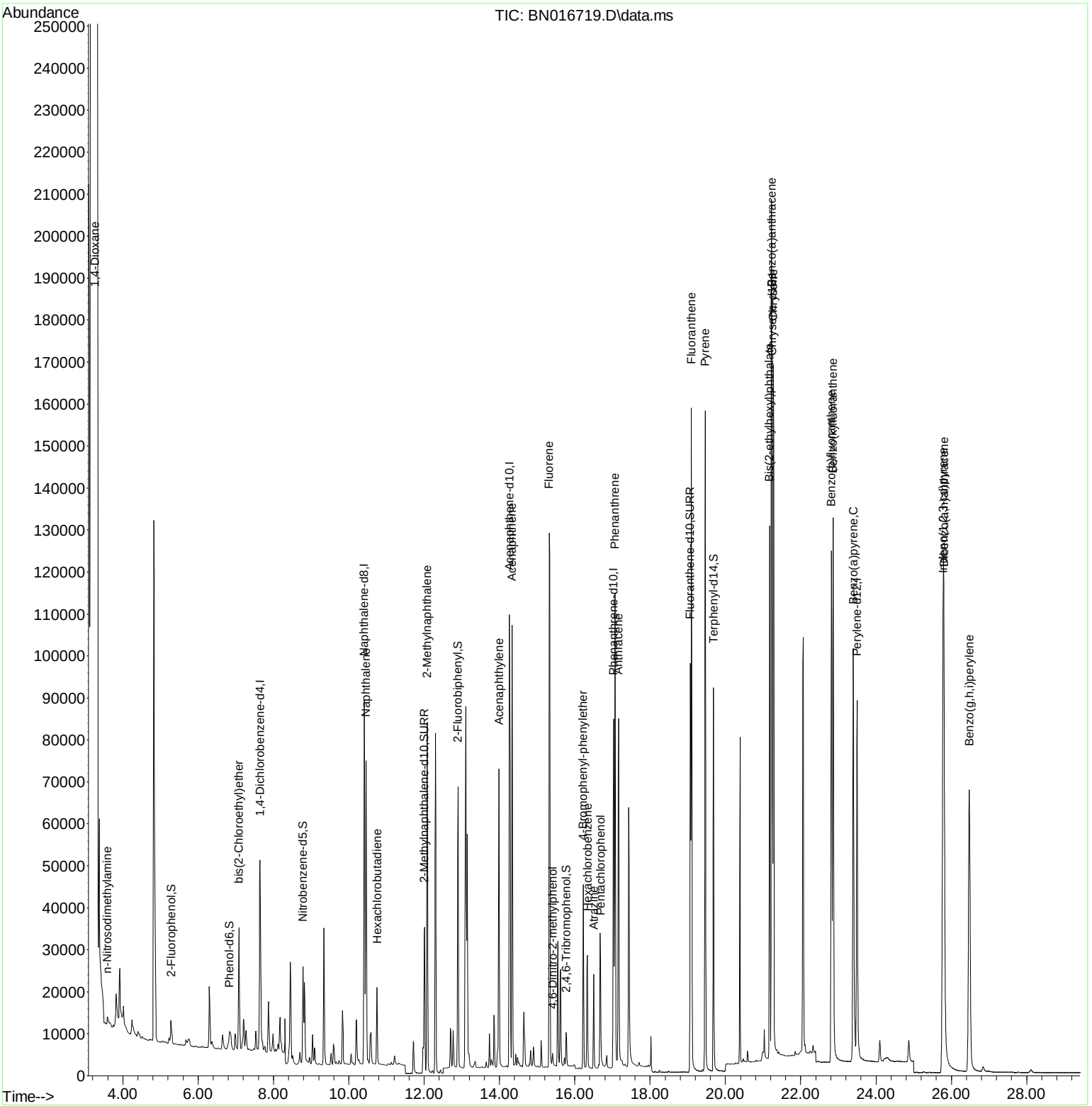
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	25903	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	118274	0.400	ng		0.00
13) Acenaphthene-d10	14.268	164	62981	0.400	ng		0.00
19) Phenanthrene-d10	17.029	188	117647	0.400	ng		0.00
29) Chrysene-d12	21.238	240	114186	0.400	ng		0.00
35) Perylene-d12	23.494	264	116263	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.282	112	6748	0.102	ng		0.03
5) Phenol-d6	6.831	99	4220	0.058	ng		0.00
8) Nitrobenzene-d5	8.784	82	19404	0.234	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	56756	0.322	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	7768	0.331	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	62708	0.249	ng		0.00
27) Fluoranthene-d10	19.068	212	110017	0.342	ng		0.00
31) Terphenyl-d14	19.683	244	94247	0.369	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	54998	4.549	ng	#	67
3) n-Nitrosodimethylamine	3.585	42	1872	0.096	ng	#	84
6) bis(2-Chloroethyl)ether	7.080	93	25047	0.356	ng		100
9) Naphthalene	10.457	128	92082	0.285	ng		99
10) Hexachlorobutadiene	10.749	225	14397	0.238	ng	#	100
12) 2-Methylnaphthalene	12.078	142	60360	0.294	ng		99
16) Acenaphthylene	13.989	152	78471	0.282	ng		100
17) Acenaphthene	14.332	154	51743	0.282	ng		99
18) Fluorene	15.322	166	64904	0.293	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	2683	0.532	ng	#	71
21) 4-Bromophenyl-phenylether	16.226	248	20965	0.293	ng		99
22) Hexachlorobenzene	16.336	284	23317	0.287	ng		99
23) Atrazine	16.506	200	16963	0.299	ng		99
24) Pentachlorophenol	16.689	266	18015	0.794	ng		99
25) Phenanthrene	17.066	178	113989	0.330	ng		100
26) Anthracene	17.163	178	99963	0.324	ng		99
28) Fluoranthene	19.097	202	144671	0.377	ng		100
30) Pyrene	19.465	202	147305	0.392	ng		100
32) Benzo(a)anthracene	21.227	228	147857	0.417	ng		97
33) Chrysene	21.270	228	153899	0.428	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	103123	0.480	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	172542	0.467	ng		99
37) Benzo(b)fluoranthene	22.813	252	158615	0.422	ng		100
38) Benzo(k)fluoranthene	22.861	252	157816	0.437	ng		99
39) Benzo(a)pyrene	23.395	252	146370	0.435	ng		100
40) Dibenzo(a,h)anthracene	25.801	278	138347	0.472	ng		99
41) Benzo(g,h,i)perylene	26.476	276	150211	0.458	ng		99

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

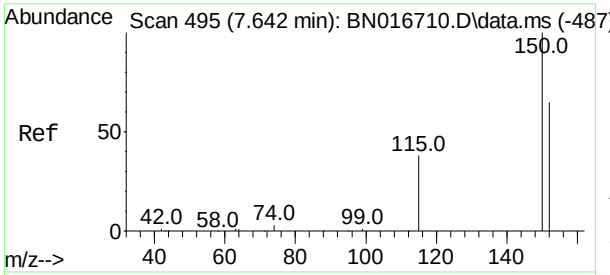
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016719.D
Acq On : 04 Oct 2021 20:47
Operator : CG/JU
Sample : M3829-12MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

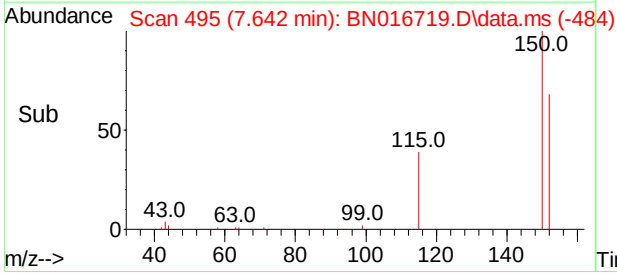
Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 15:52:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :

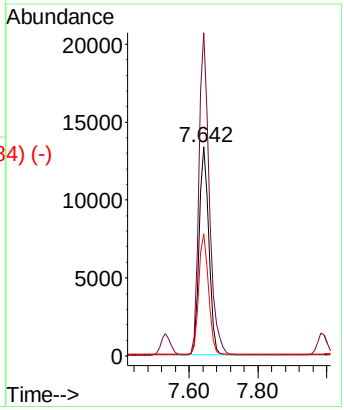


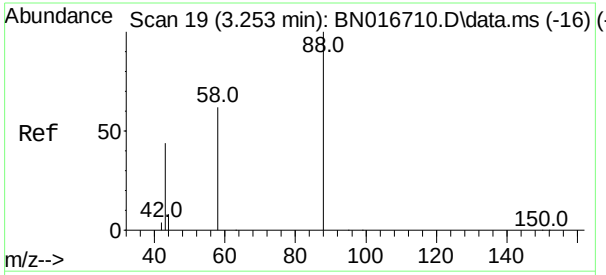


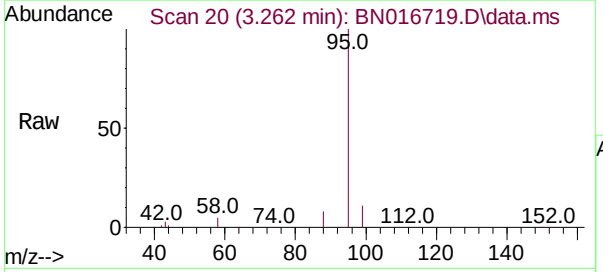
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

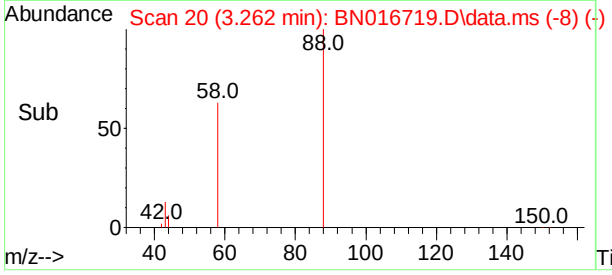
Tgt Ion:152 Resp: 25903

Ion	Ratio	Lower	Upper
152	100		
150	154.4	123.3	184.9
115	58.2	47.0	70.6





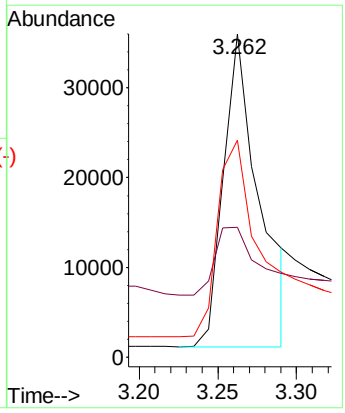




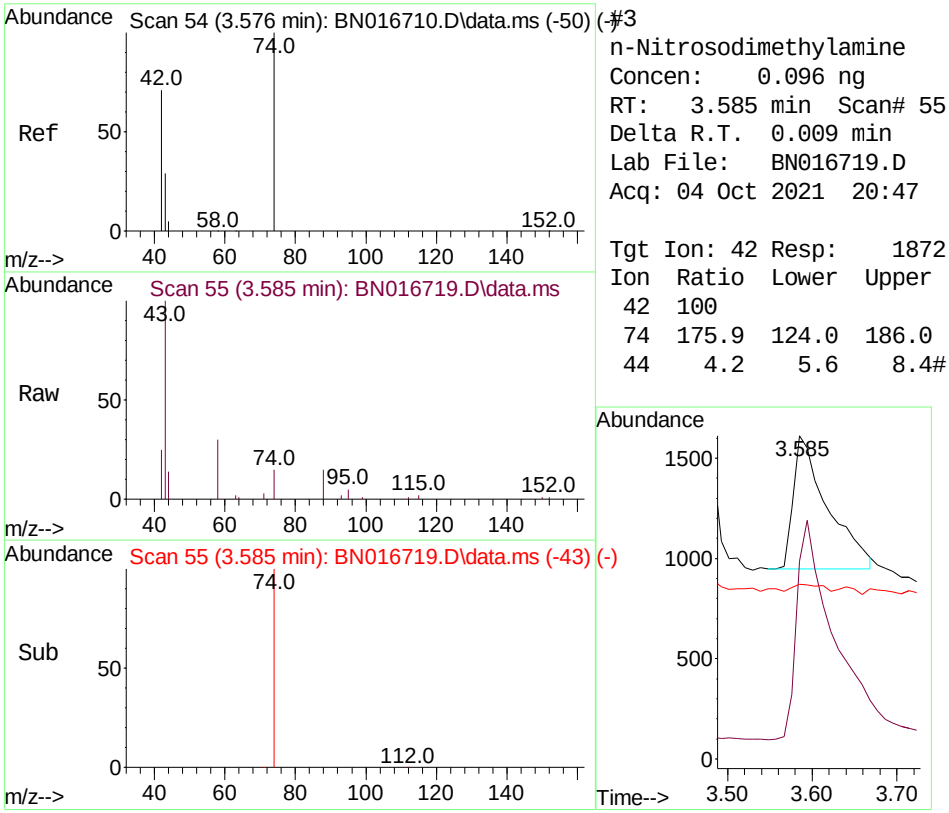
#2
1,4-Dioxane
Concen: 4.549 ng
RT: 3.262 min Scan# 20
Delta R.T. 0.009 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion: 88 Resp: 54998

Ion	Ratio	Lower	Upper
88	100		
43	26.1	61.7	92.5#
58	71.3	62.2	93.2



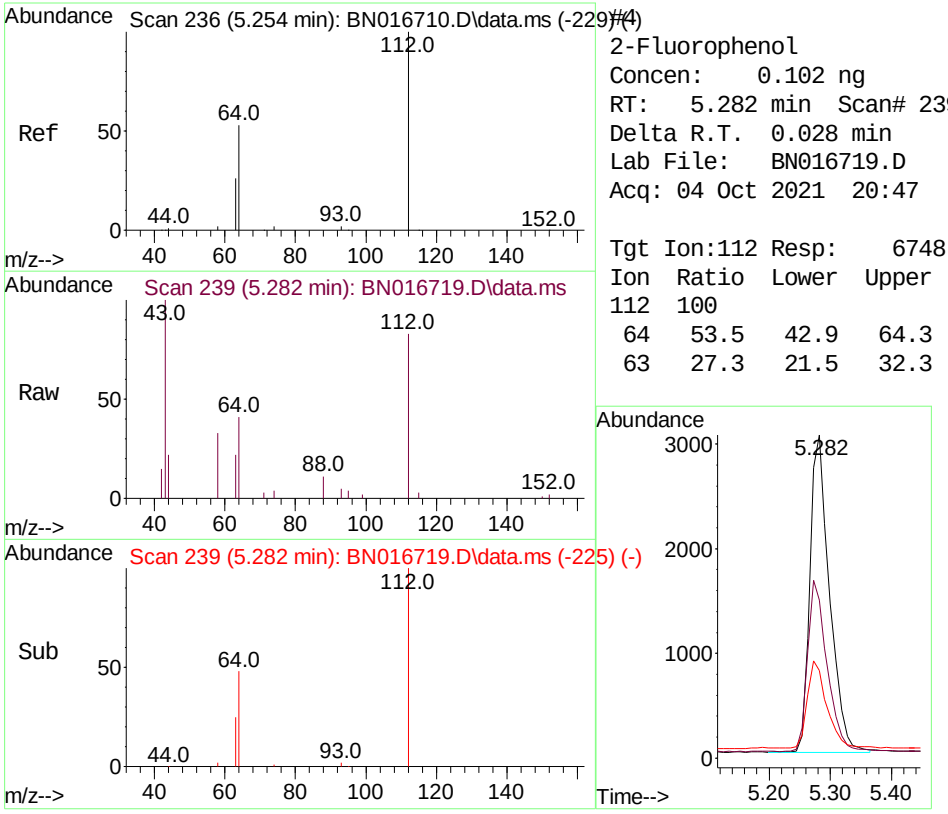
Instrument :
BNA_N
ClientSampleId :



#3
n-Nitrosodimethylamine
Concen: 0.096 ng
RT: 3.585 min Scan# 55
Delta R.T. 0.009 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion: 42 Resp: 1872

Ion	Ratio	Lower	Upper
42	100		
74	175.9	124.0	186.0
44	4.2	5.6	8.4#

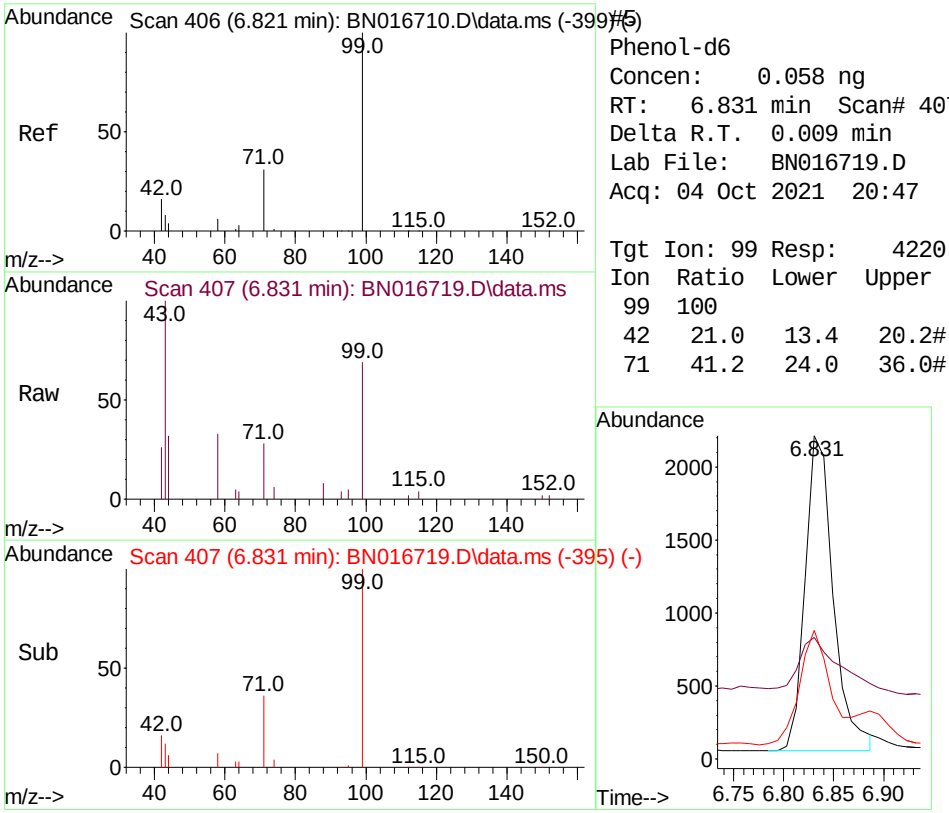


#4
2-Fluorophenol
Concen: 0.102 ng
RT: 5.282 min Scan# 239
Delta R.T. 0.028 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:112 Resp: 6748

Ion	Ratio	Lower	Upper
112	100		
64	53.5	42.9	64.3
63	27.3	21.5	32.3

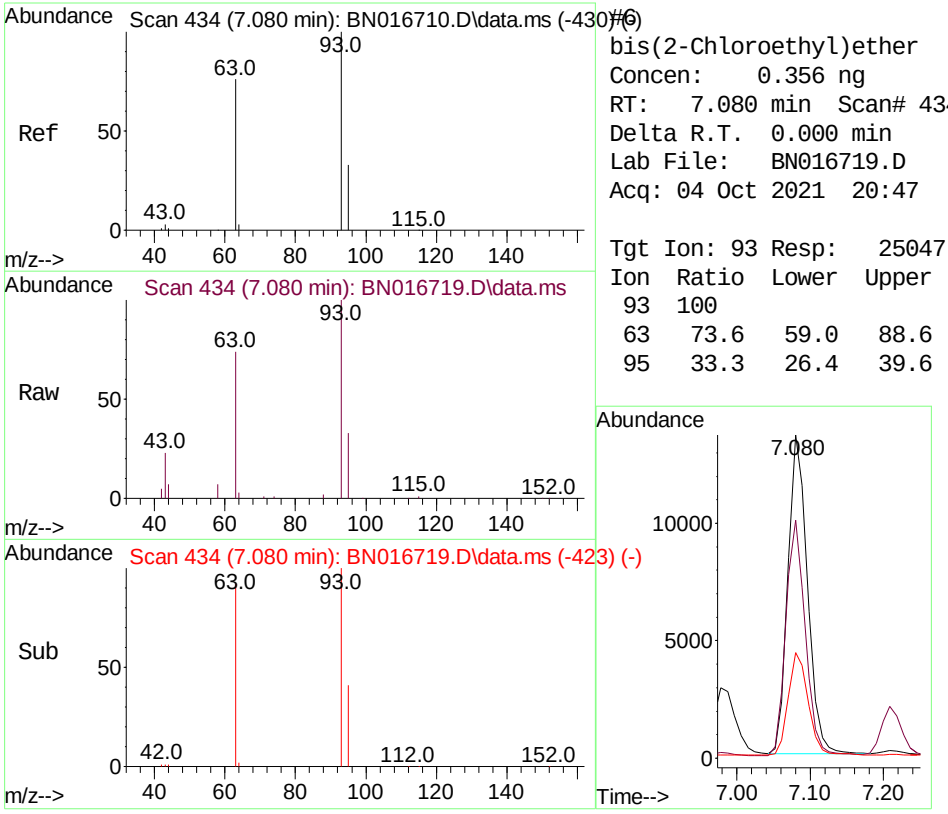
Instrument :
BNA_N
ClientSampleId :



#5
Phenol-d6
Concen: 0.058 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion: 99 Resp: 4220

Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.4	20.2#
71	41.2	24.0	36.0#

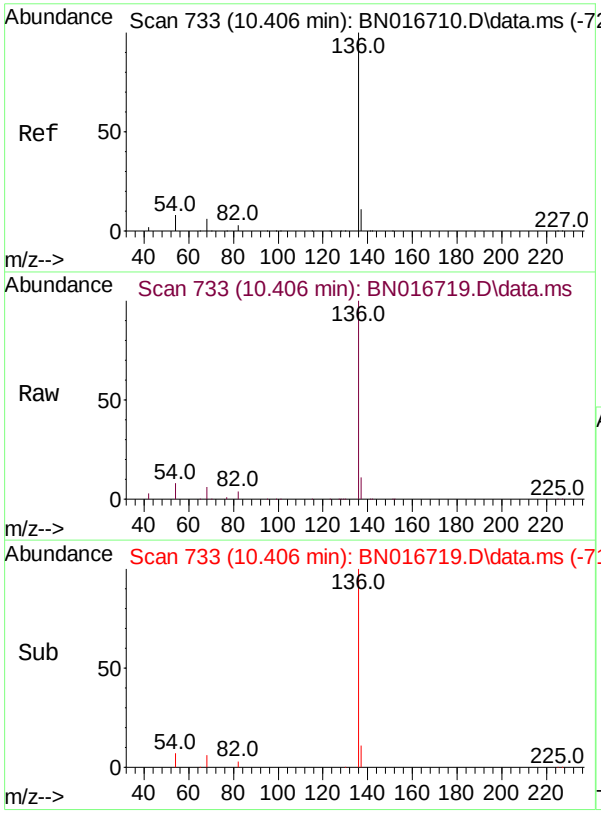


#6
bis(2-Chloroethyl)ether
Concen: 0.356 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion: 93 Resp: 25047

Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.0	88.6
95	33.3	26.4	39.6

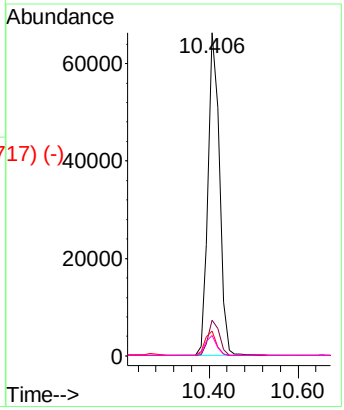
Instrument :
BNA_N
ClientSampleId :

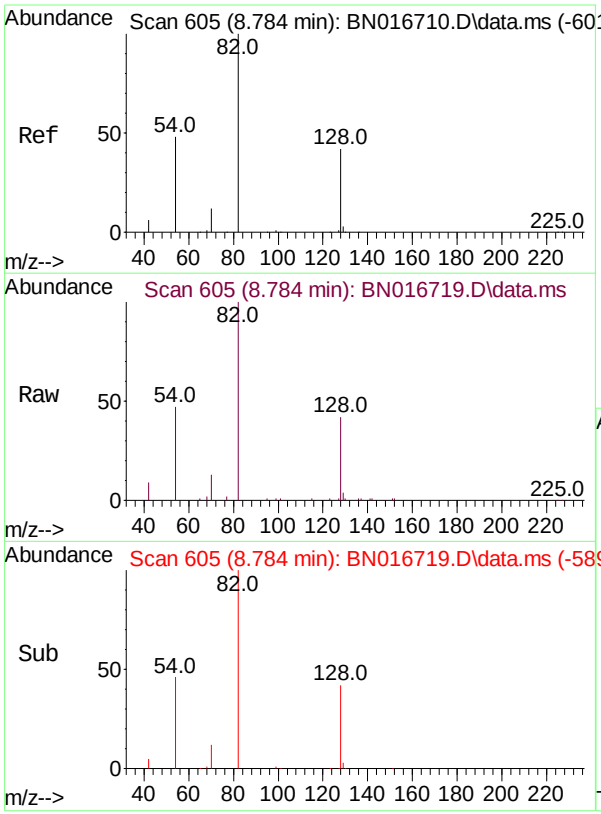


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:136 Resp: 118274

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.6	6.5	9.7
68	6.3	5.3	7.9

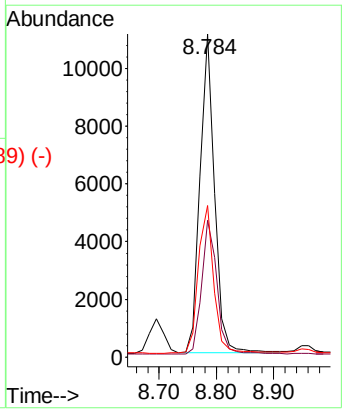




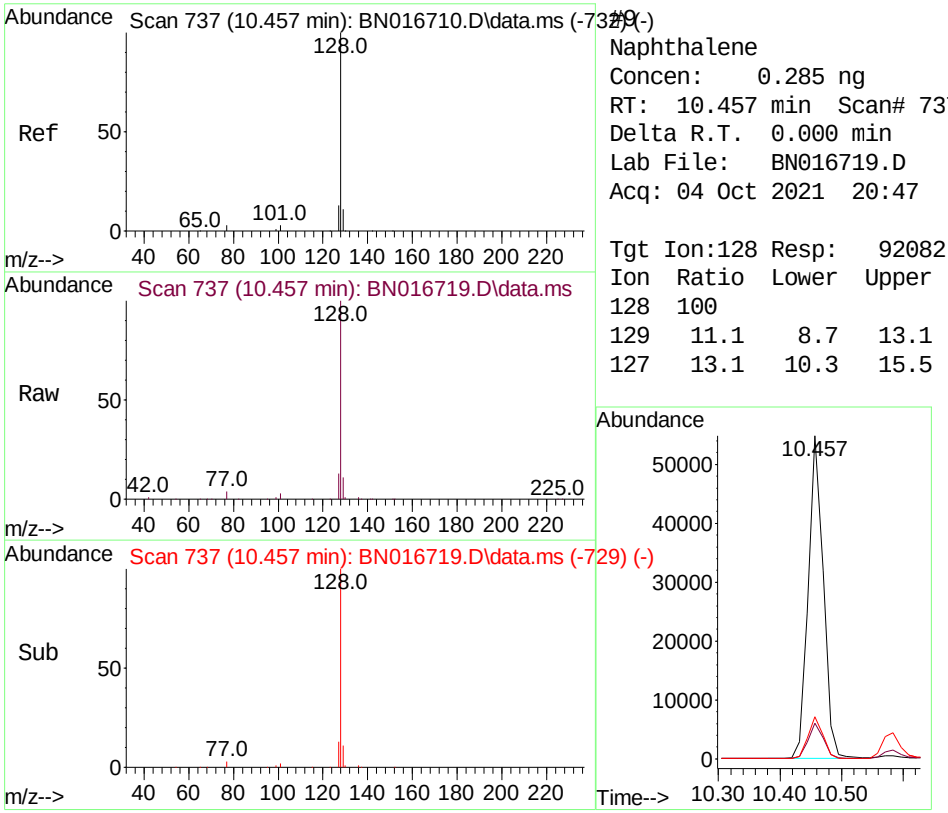
#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion: 82 Resp: 19404

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.8	50.6
54	46.9	38.5	57.7



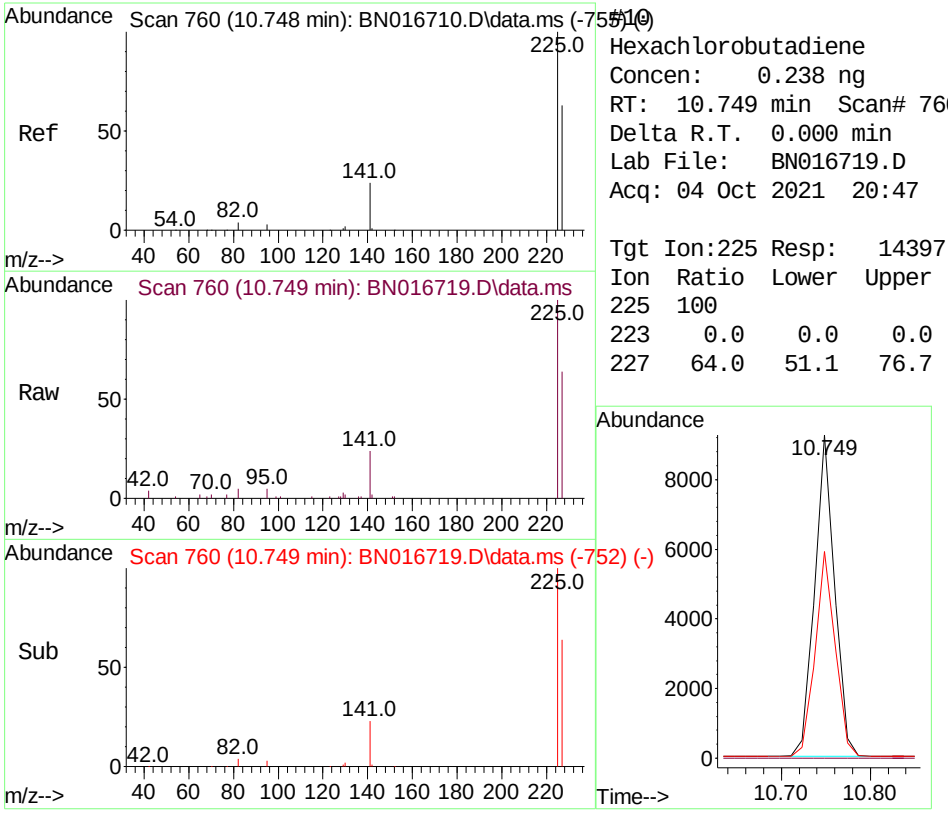
Instrument :
BNA_N
ClientSampleId :



#9
Naphthalene
Concen: 0.285 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:128 Resp: 92082

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

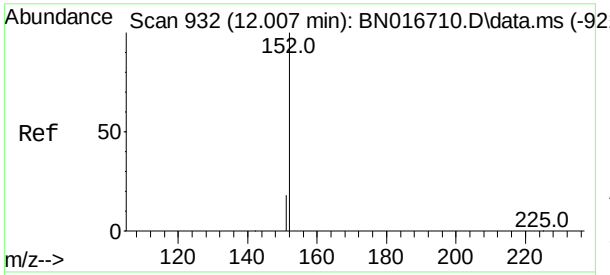


#10
Hexachlorobutadiene
Concen: 0.238 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:225 Resp: 14397

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.0	51.1	76.7

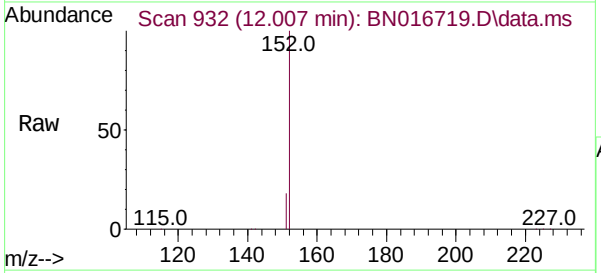
Instrument :
BNA_N
ClientSampleId :

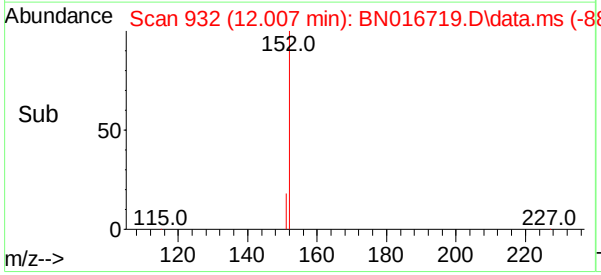


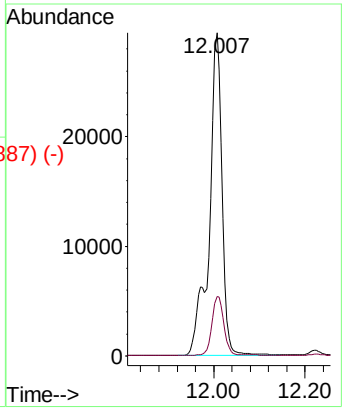
#11
2-Methylnaphthalene-d10
Concen: 0.322 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

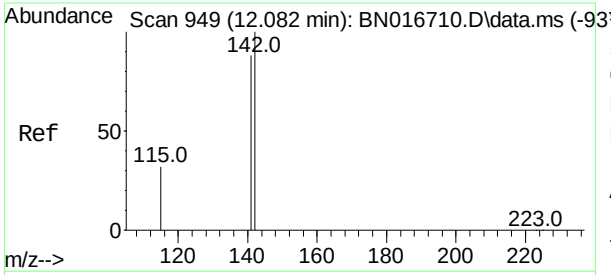
Tgt Ion:152 Resp: 56756

Ion	Ratio	Lower	Upper
152	100		
151	17.1	16.2	24.4





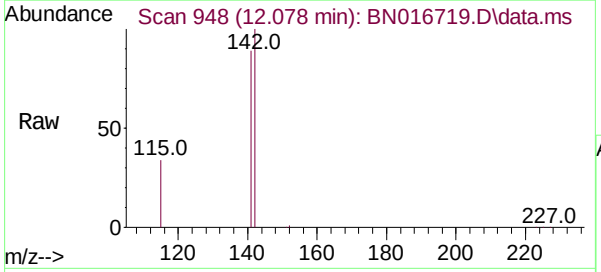


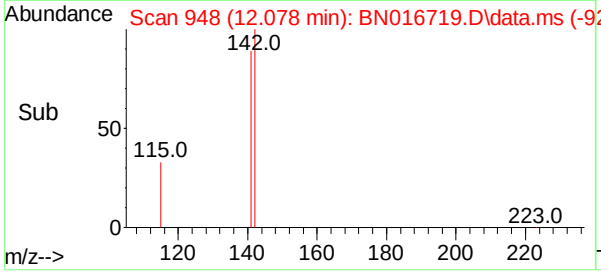


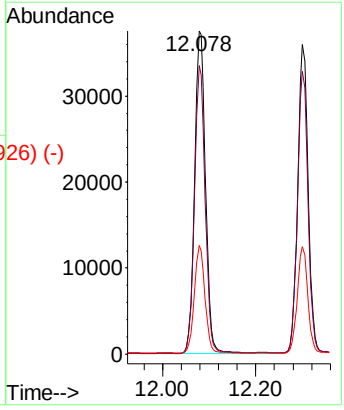
#12
2-Methylnaphthalene
Concen: 0.294 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.004 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:142 Resp: 60360

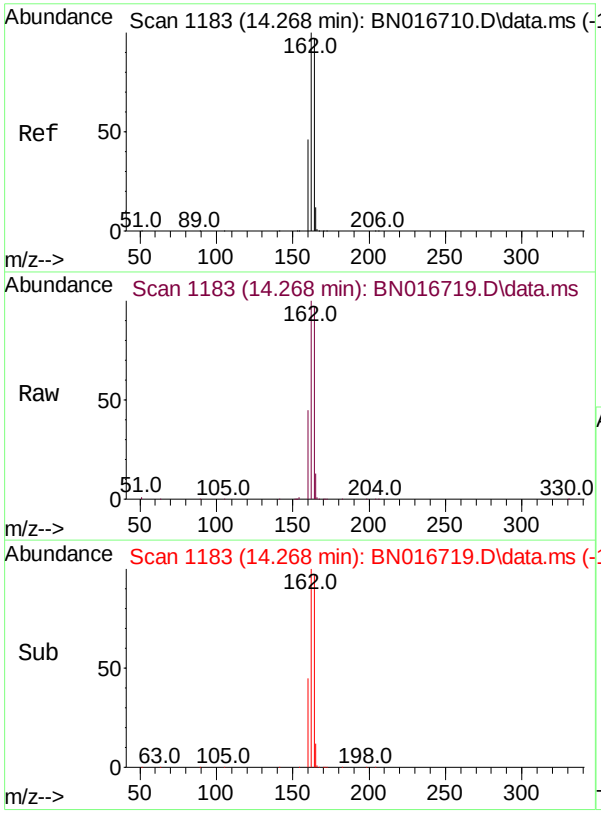
Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	33.6	26.1	39.1







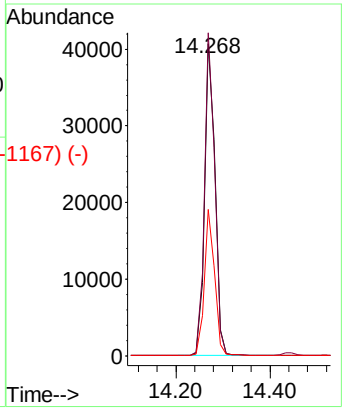
Instrument :
BNA_N
ClientSampleId :

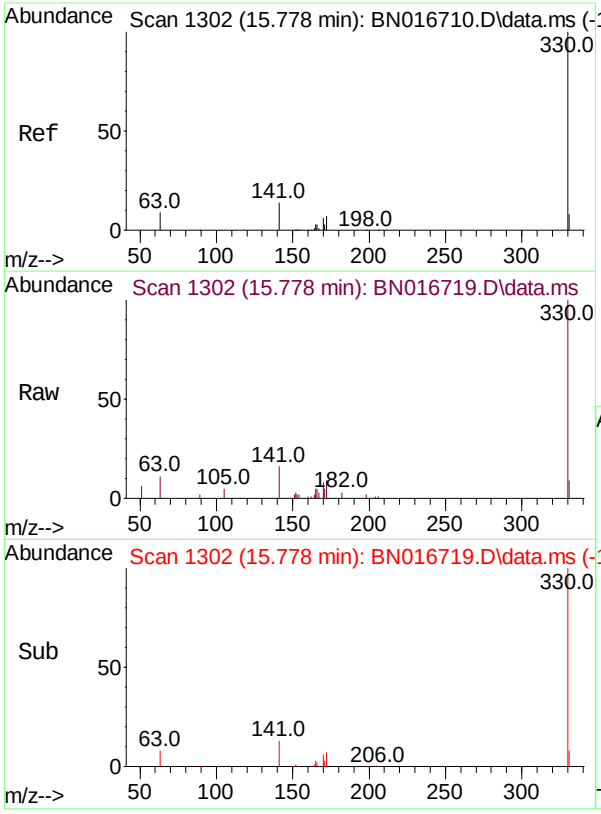


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:164 Resp: 62981

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	124.0
160	47.0	38.2	57.2

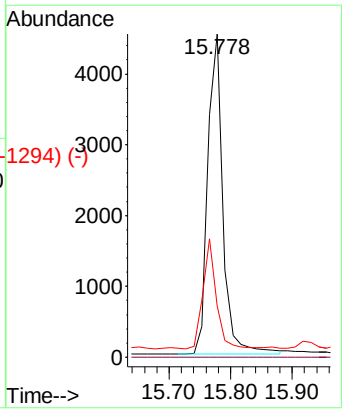




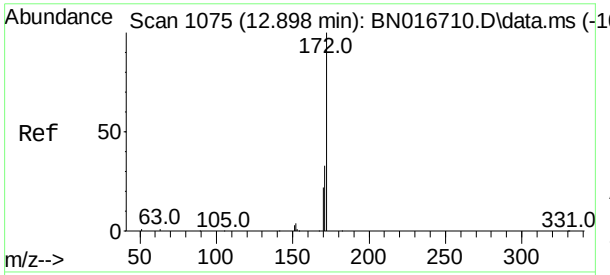
#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:330 Resp: 7768

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.4	24.2	36.2



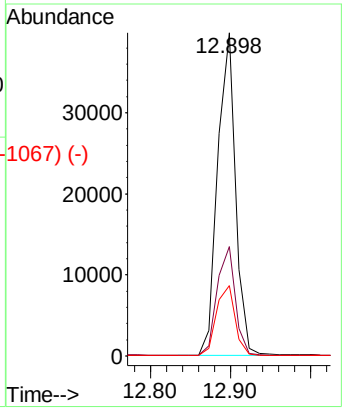
Instrument :
BNA_N
ClientSampleId :

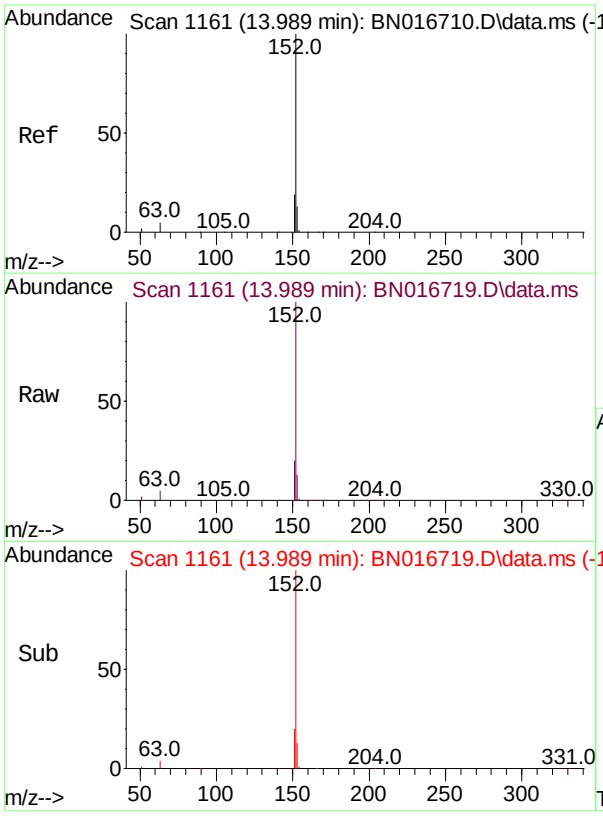


#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:172 Resp: 62708

Ion	Ratio	Lower	Upper
172	100		
171	33.8	26.9	40.3
170	21.8	17.4	26.0

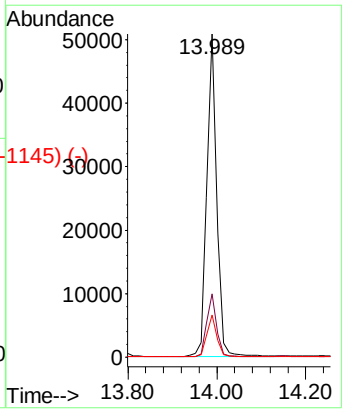




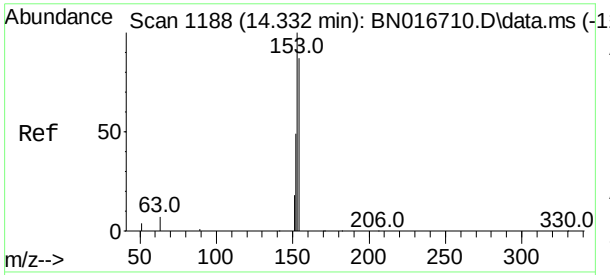
#16
Acenaphthylene
Concen: 0.282 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:152 Resp: 78471

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



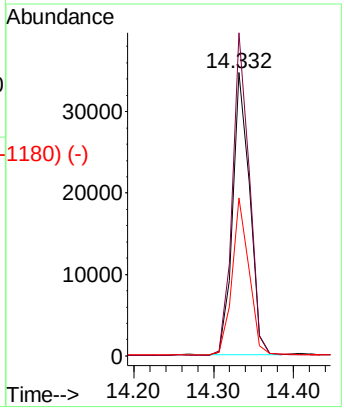
Instrument :
BNA_N
ClientSampleId :

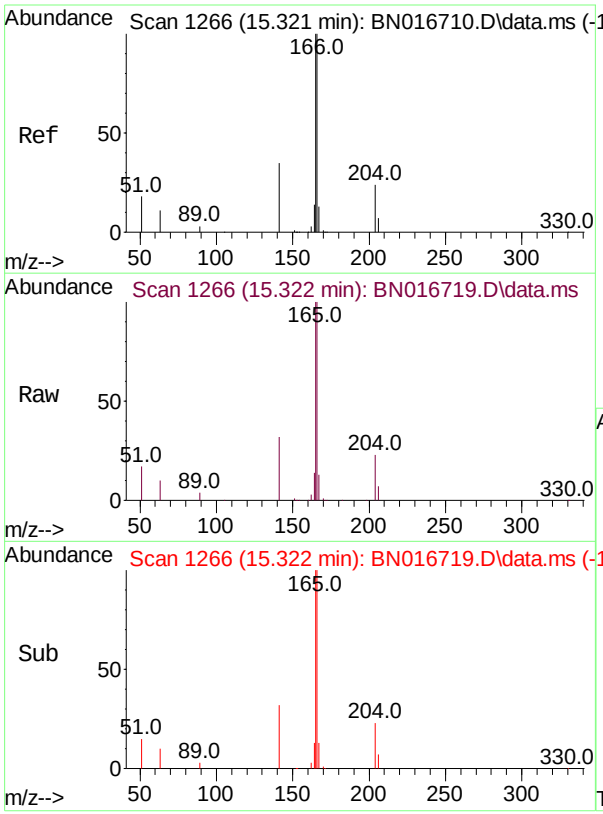


#17
Acenaphthene
Concen: 0.282 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:154 Resp: 51743

Ion	Ratio	Lower	Upper
154	100		
153	113.5	90.1	135.1
152	55.0	43.6	65.4

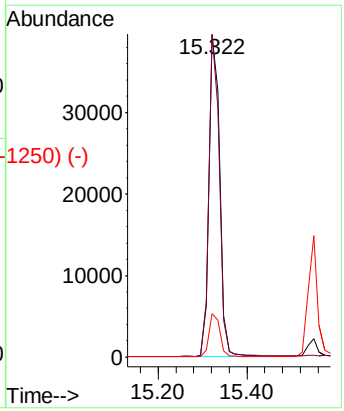




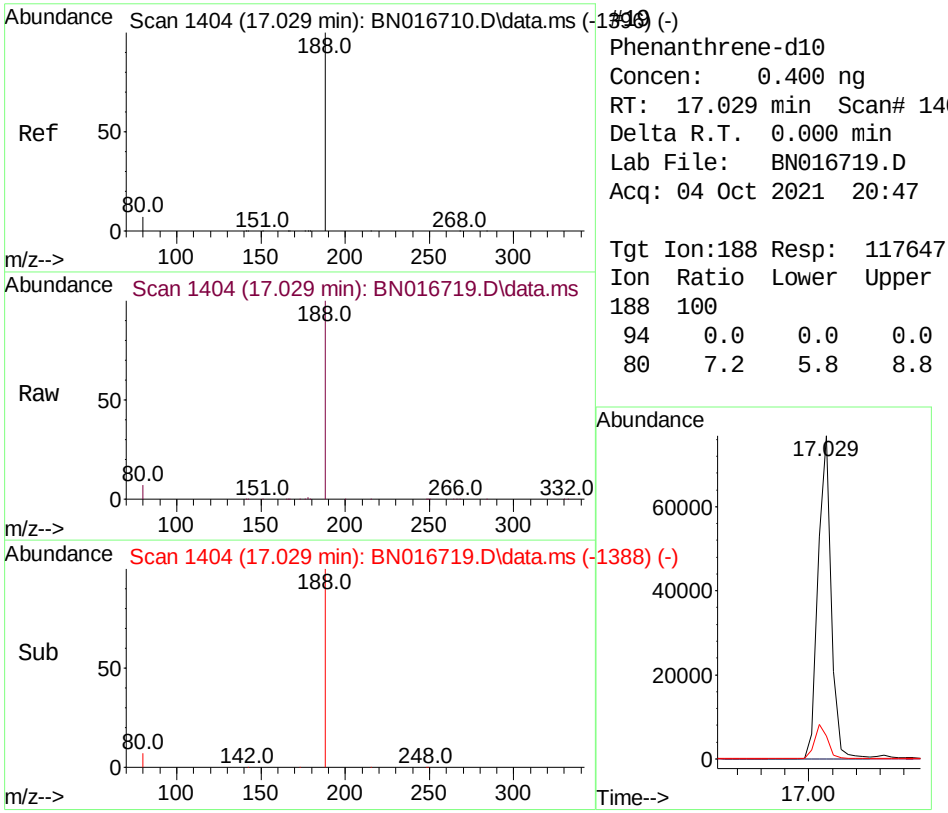
#18
Fluorene
Concen: 0.293 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:166 Resp: 64904

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	13.4	10.7	16.1



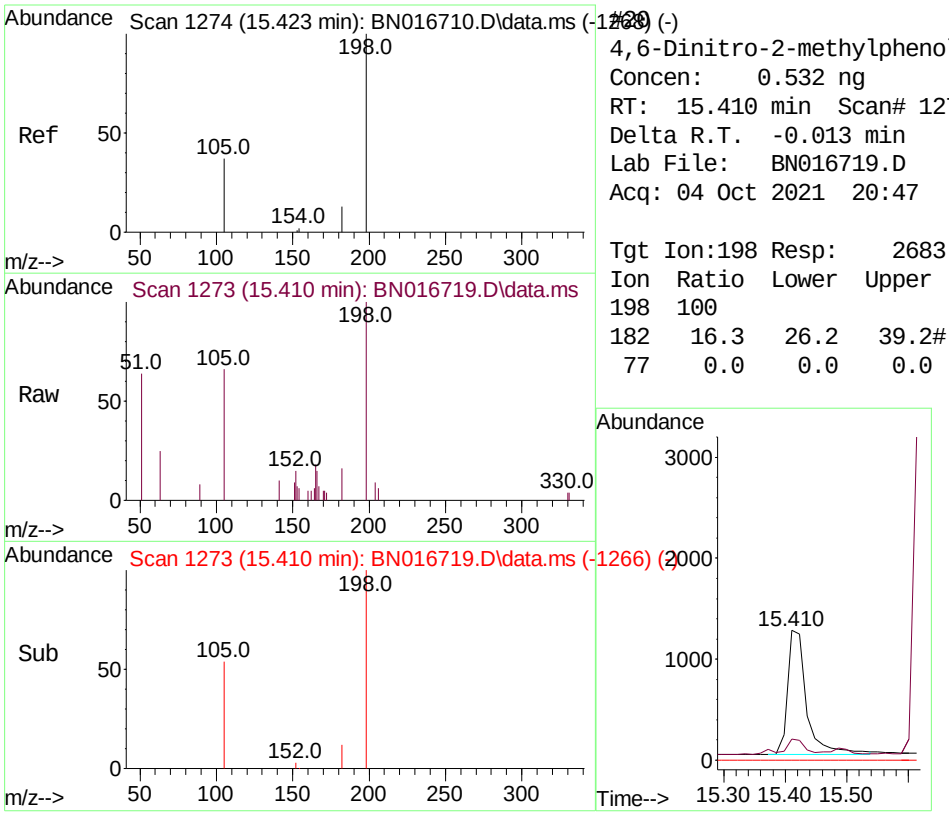
Instrument :
BNA_N
ClientSampleId :



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:188 Resp: 117647

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.8	8.8

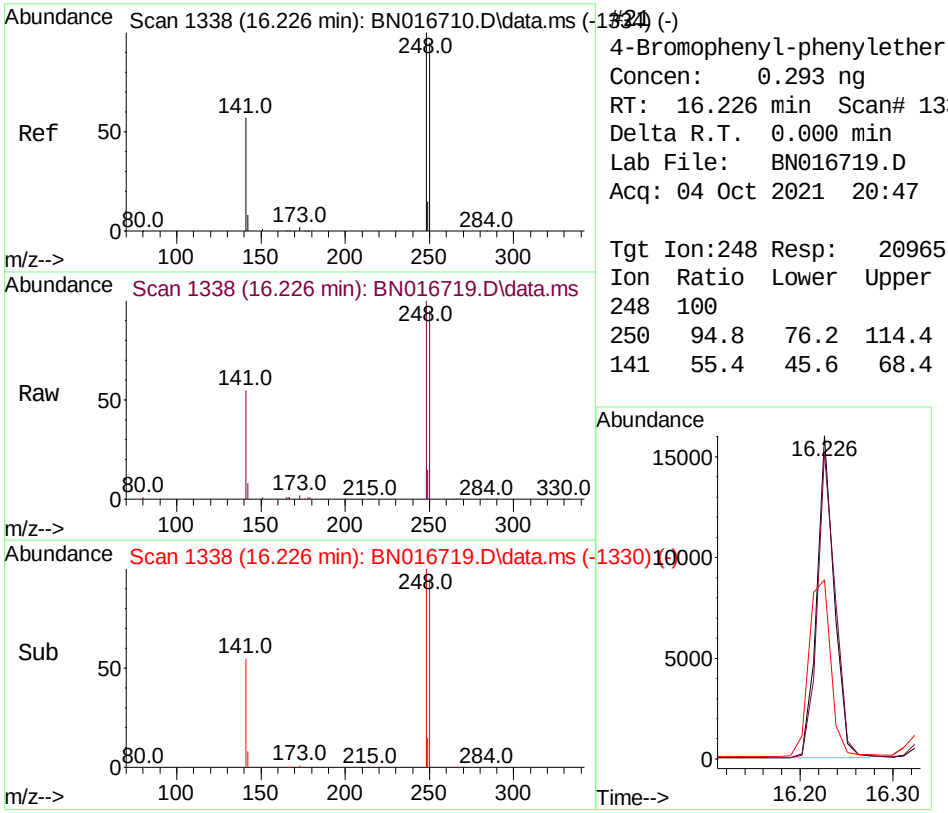


#20
4,6-Dinitro-2-methylphenol
Concen: 0.532 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.013 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:198 Resp: 2683

Ion	Ratio	Lower	Upper
198	100		
182	16.3	26.2	39.2#
77	0.0	0.0	0.0

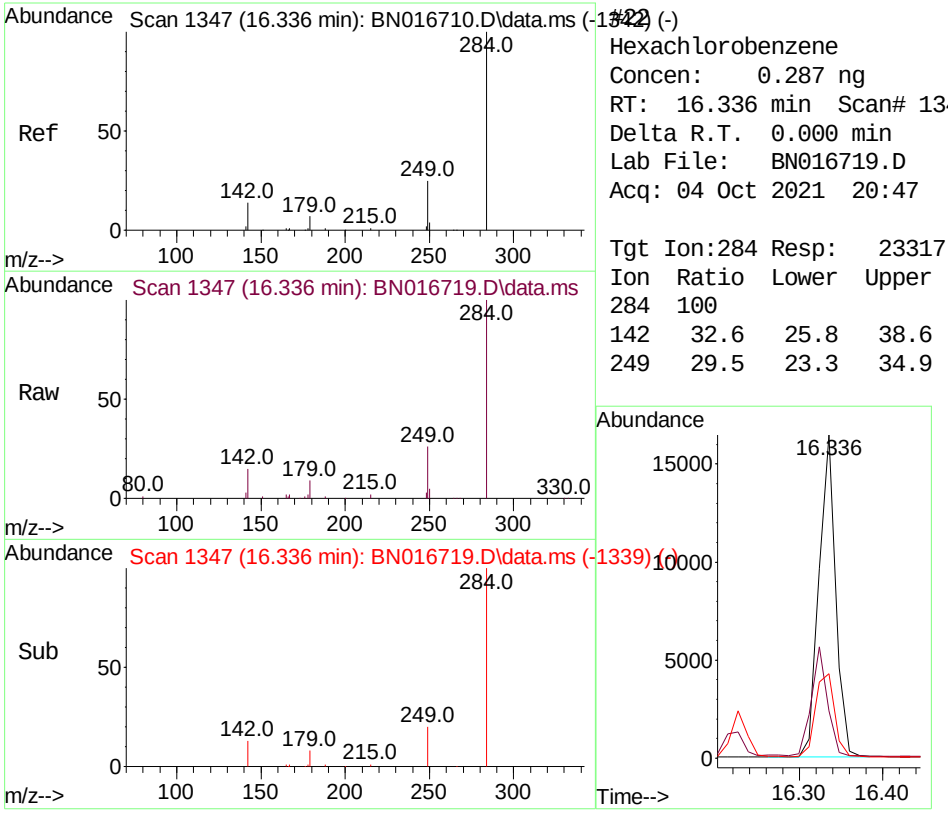
Instrument :
BNA_N
ClientSampleId :



#24
4-Bromophenyl-phenylether
Concen: 0.293 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:248 Resp: 20965

Ion	Ratio	Lower	Upper
248	100		
250	94.8	76.2	114.4
141	55.4	45.6	68.4

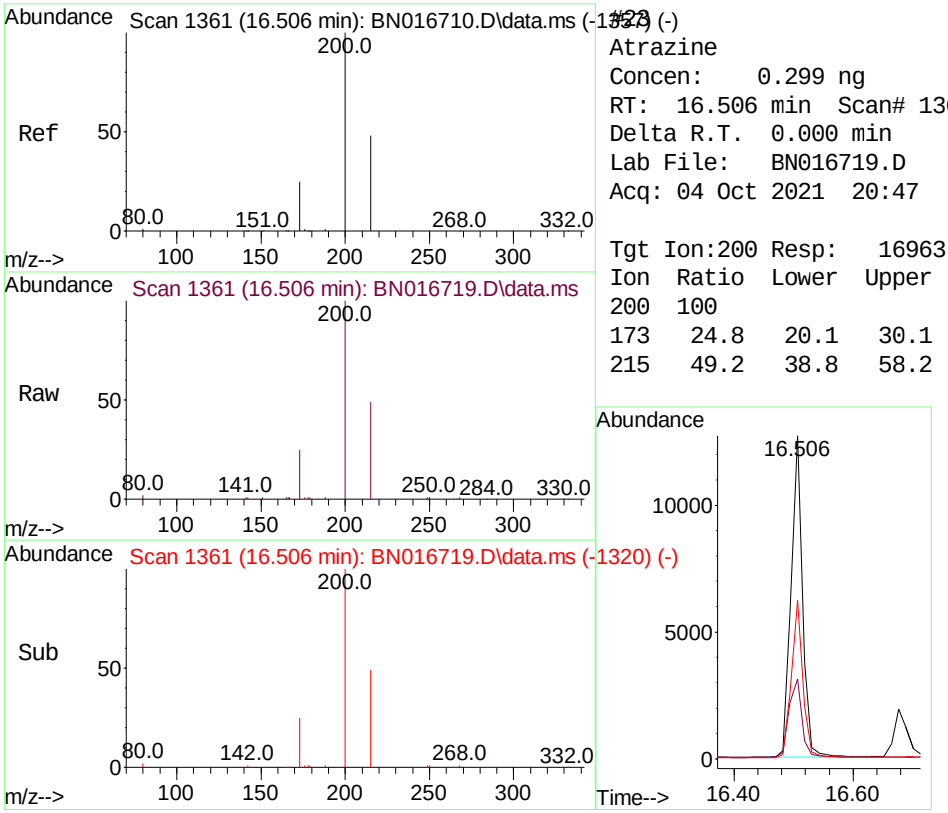


#22
Hexachlorobenzene
Concen: 0.287 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:284 Resp: 23317

Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.8	38.6
249	29.5	23.3	34.9

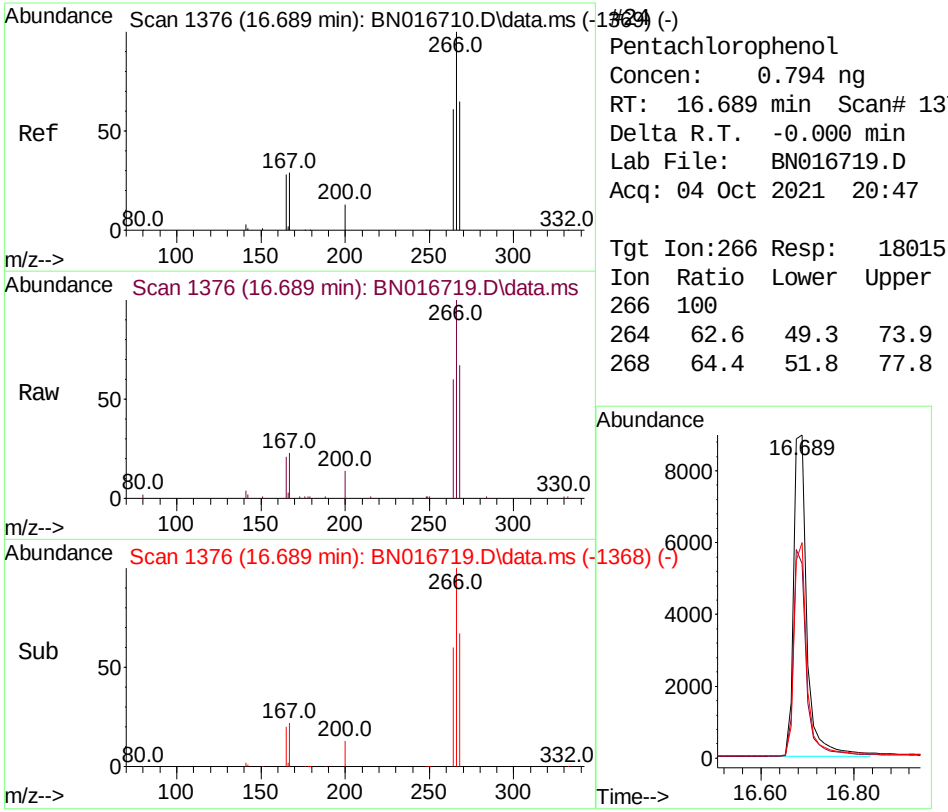
Instrument :
BNA_N
ClientSampleId :



#23
Atrazine
Concen: 0.299 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:200 Resp: 16963

Ion	Ratio	Lower	Upper
200	100		
173	24.8	20.1	30.1
215	49.2	38.8	58.2

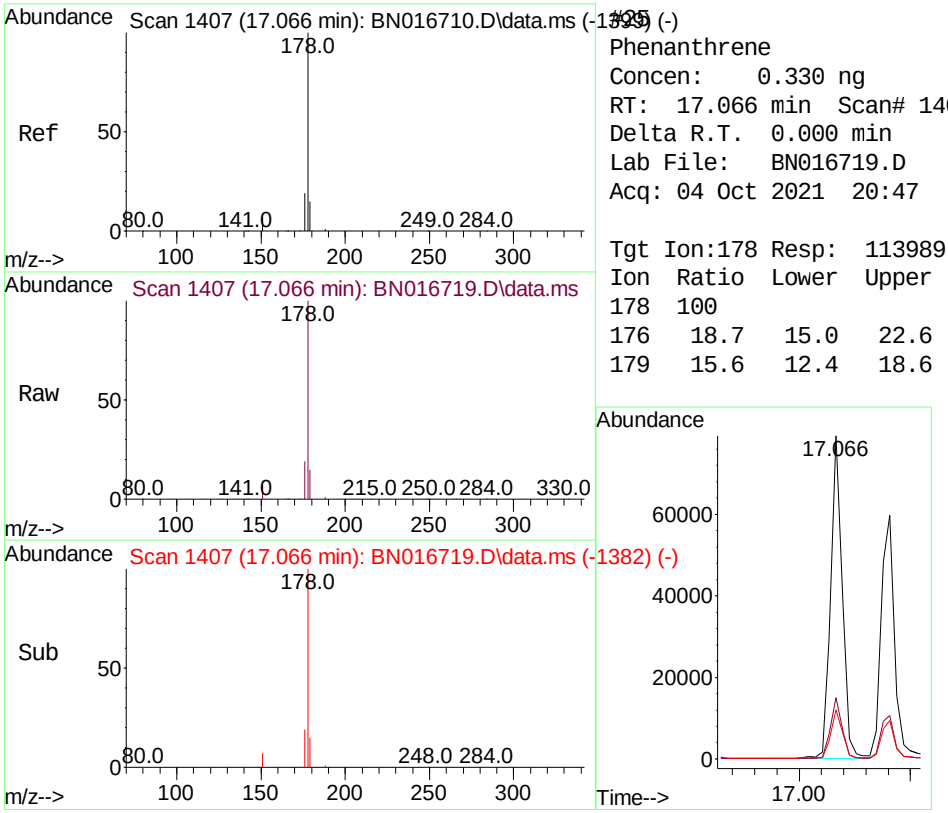


#24
Pentachlorophenol
Concen: 0.794 ng
RT: 16.689 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:266 Resp: 18015

Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.3	73.9
268	64.4	51.8	77.8

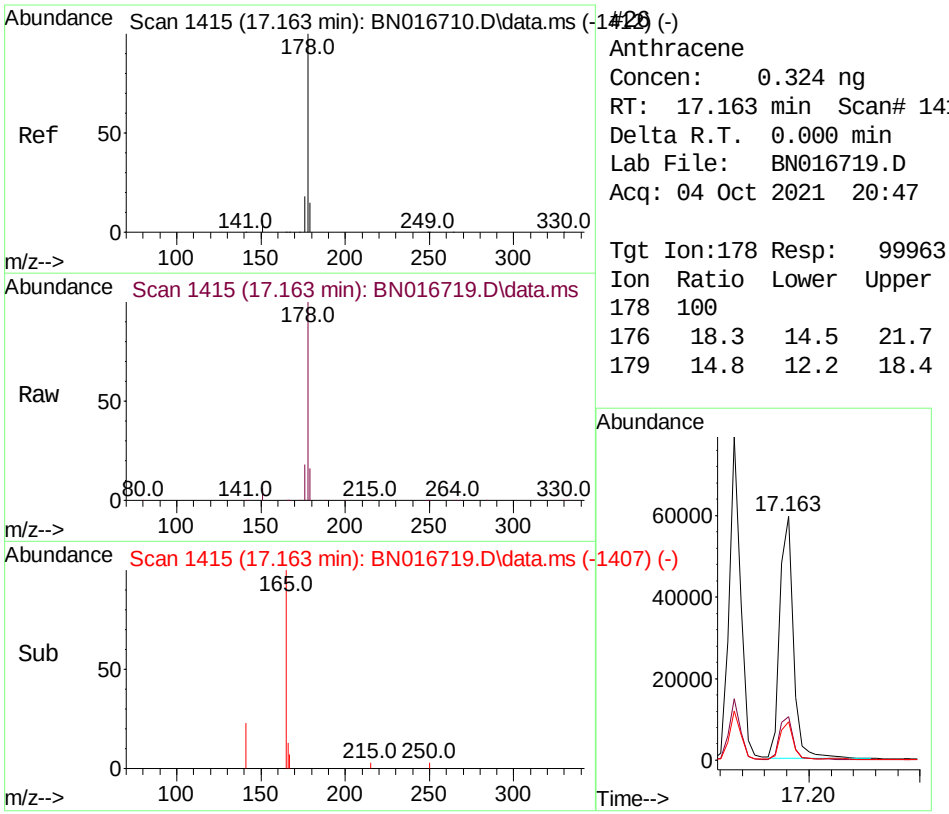
Instrument :
BNA_N
ClientSampleId :



#25
Phenanthrene
Concen: 0.330 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:178 Resp: 113989

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.6	12.4	18.6

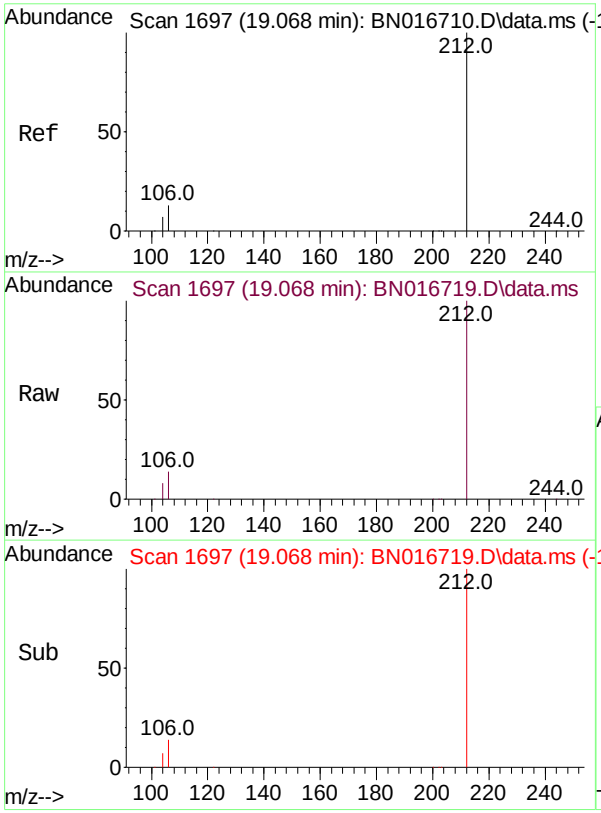


#26
Anthracene
Concen: 0.324 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:178 Resp: 99963

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	14.8	12.2	18.4

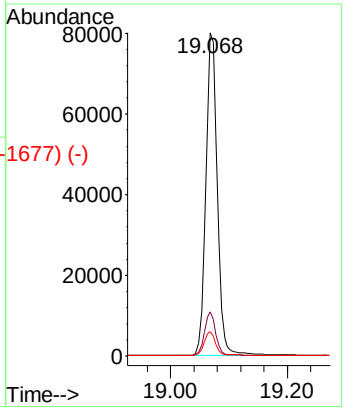
Instrument :
BNA_N
ClientSampleId :

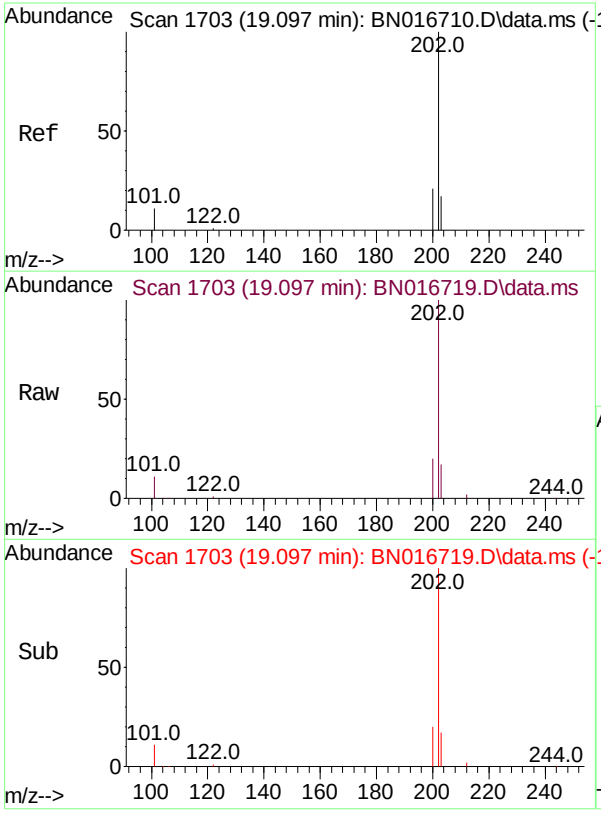


#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:212 Resp: 110017

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.2	5.8	8.8

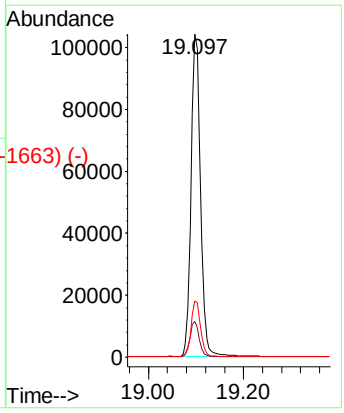




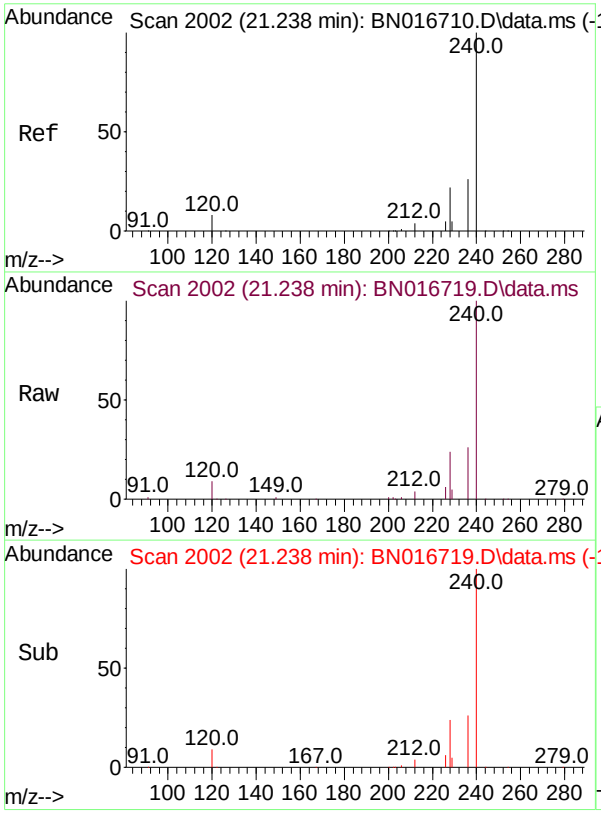
#28
Fluoranthene
Concen: 0.377 ng
RT: 19.097 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:202 Resp: 144671

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.9	13.3
203	17.3	13.8	20.8



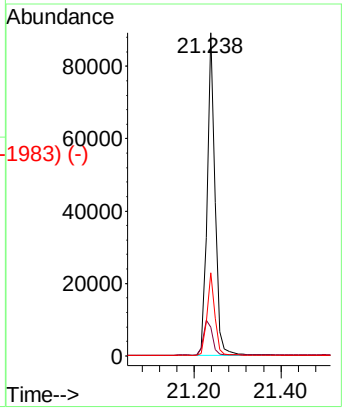
Instrument :
BNA_N
ClientSampleId :

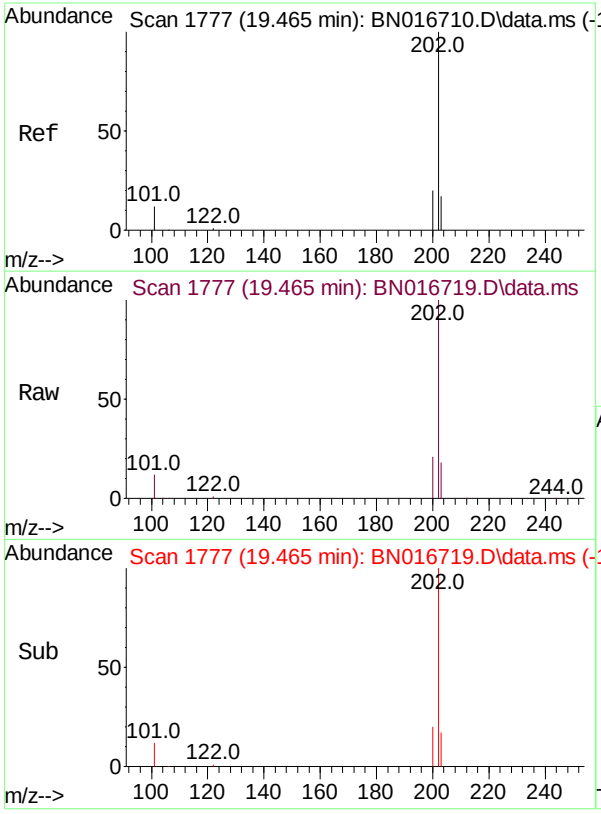


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:240 Resp: 114186

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	25.8	20.7	31.1

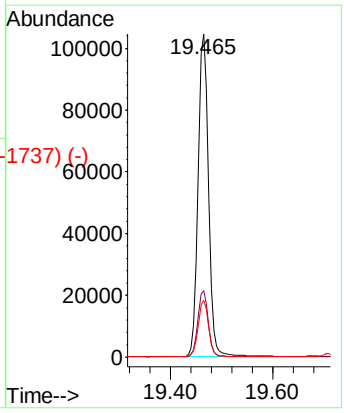




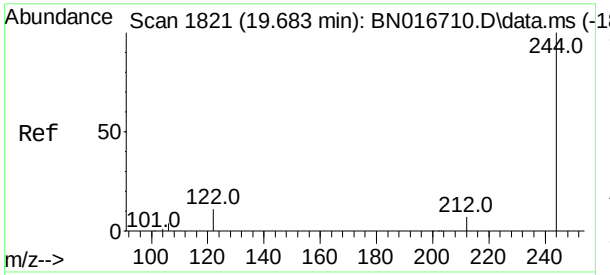
#30
Pyrene
Concen: 0.392 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

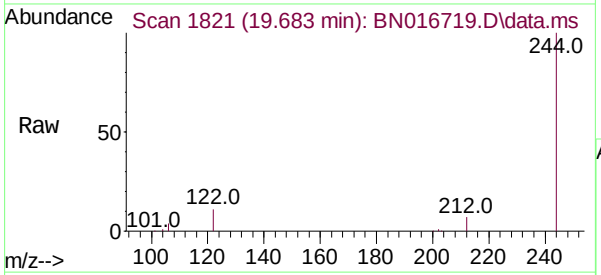
Tgt Ion:202 Resp: 147305

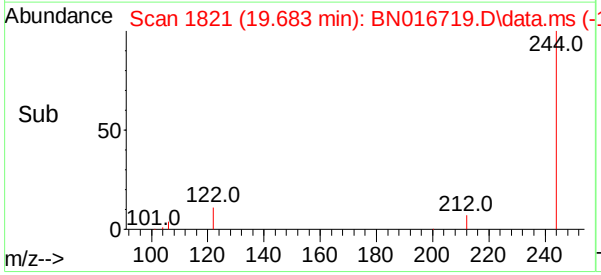
Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.7	13.9	20.9



Instrument :
BNA_N
ClientSampleId :



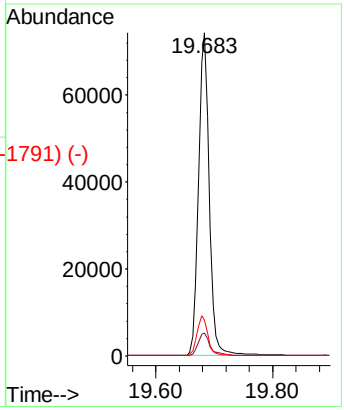


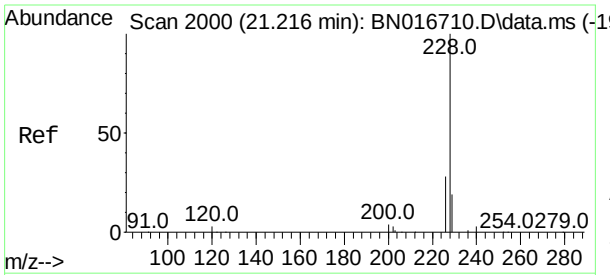


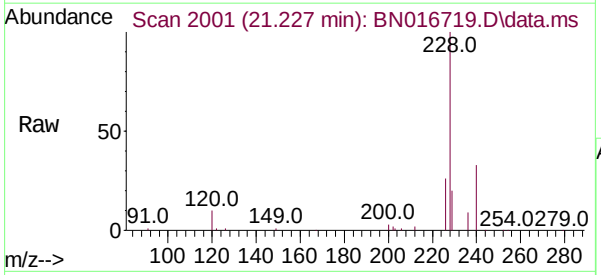
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

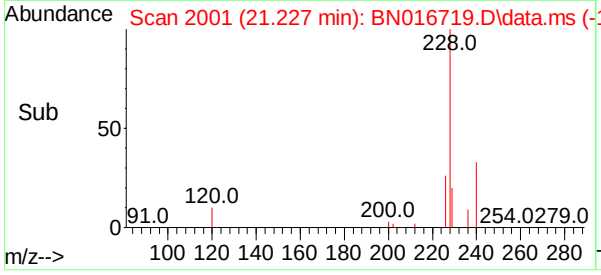
Tgt Ion:244 Resp: 94247

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.1	8.9	13.3





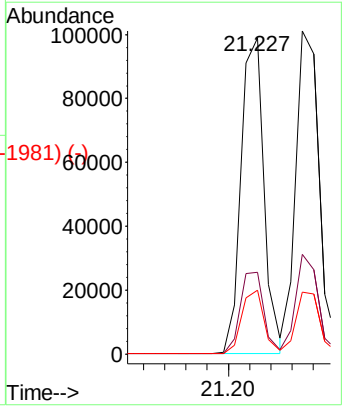




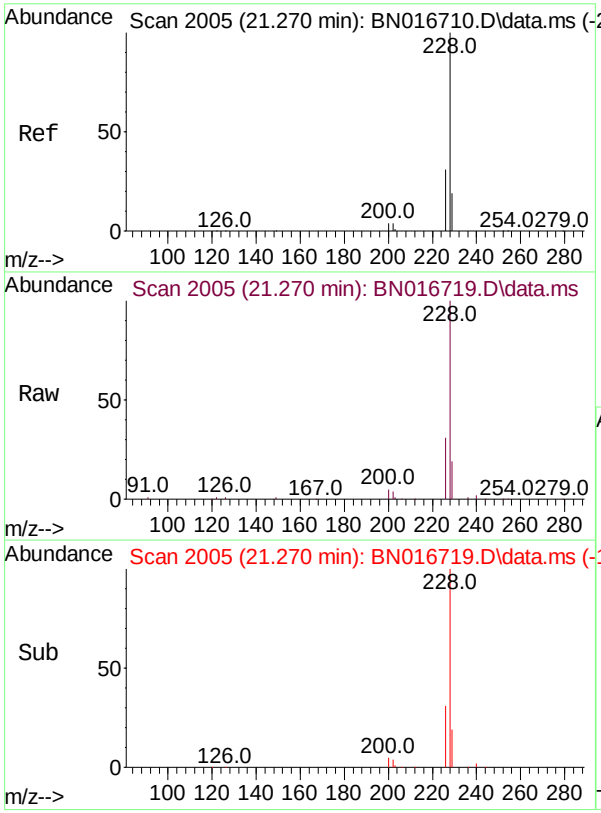
#32
Benzo(a)anthracene
Concen: 0.417 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:228 Resp: 147857

Ion	Ratio	Lower	Upper
228	100		
226	25.8	22.3	33.5
229	20.2	15.4	23.0



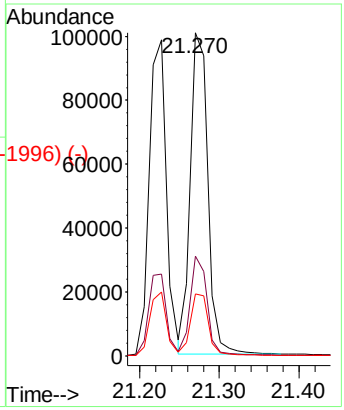
Instrument :
BNA_N
ClientSampleId :

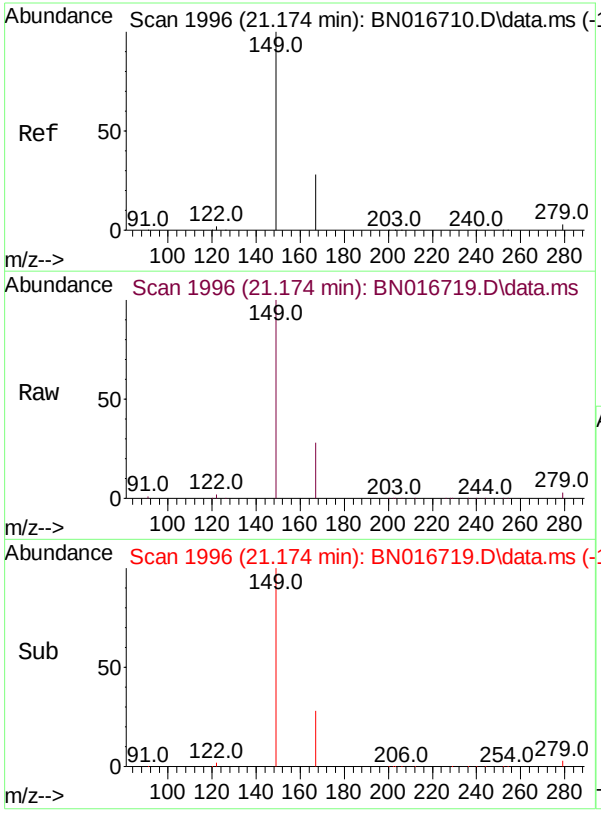


#33
Chrysene
Concen: 0.428 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:228 Resp: 153899

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.2	36.4
229	19.2	15.4	23.0

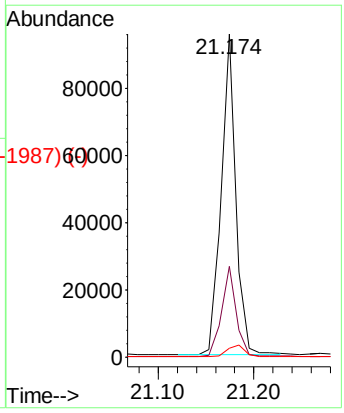




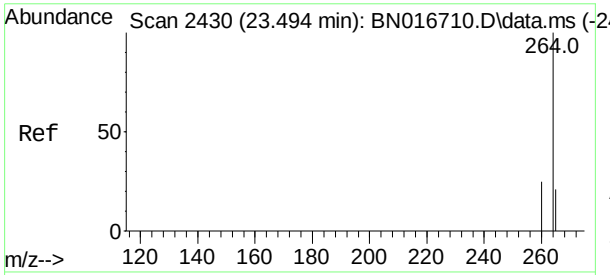
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.480 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:149 Resp: 103123

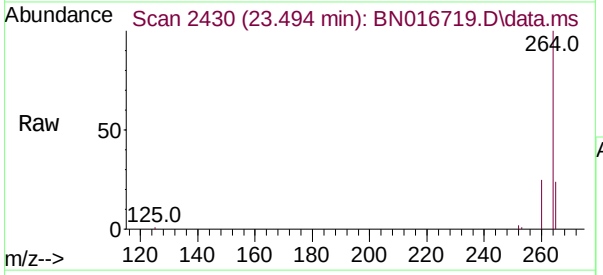
Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.3	3.4	5.2



Instrument :
BNA_N
ClientSampleId :

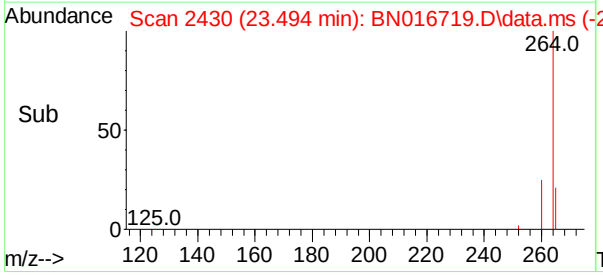


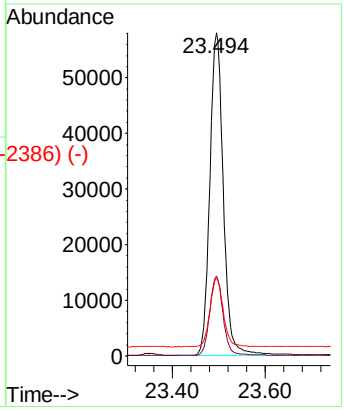
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.494 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

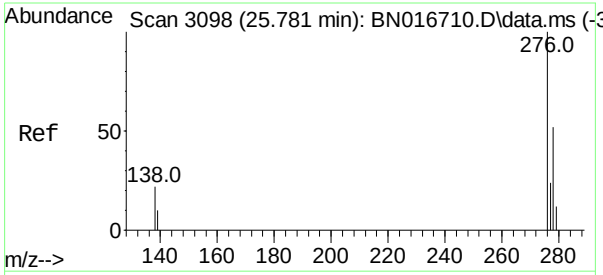


Tgt Ion:264 Resp: 116263

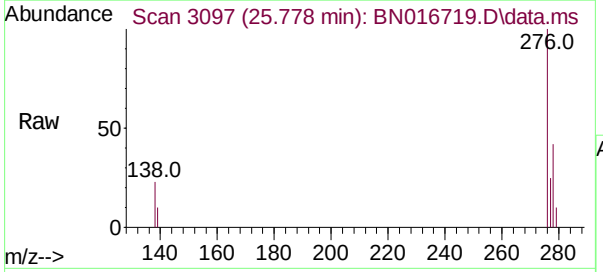
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	24.1	20.3	30.5





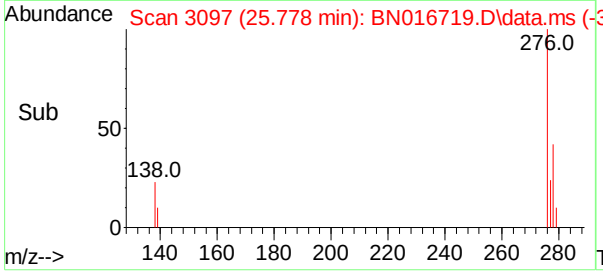


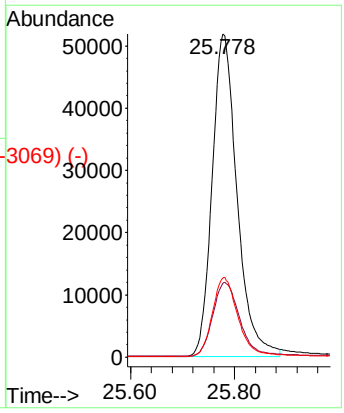
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.467 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47



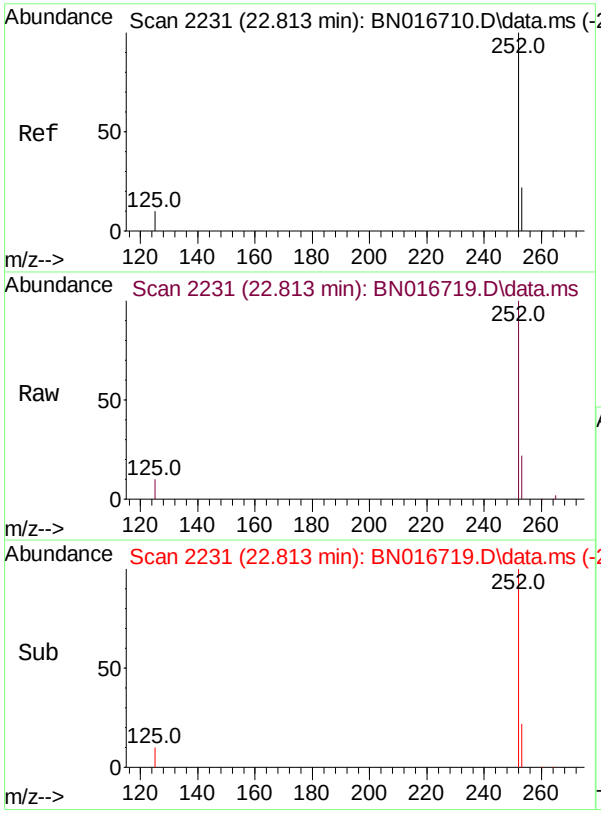
Tgt Ion:276 Resp: 172542

Ion	Ratio	Lower	Upper
276	100		
138	24.7	19.2	28.8
277	25.1	20.0	30.0





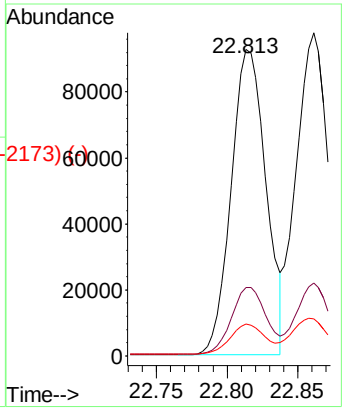
Instrument :
BNA_N
ClientSampleId :

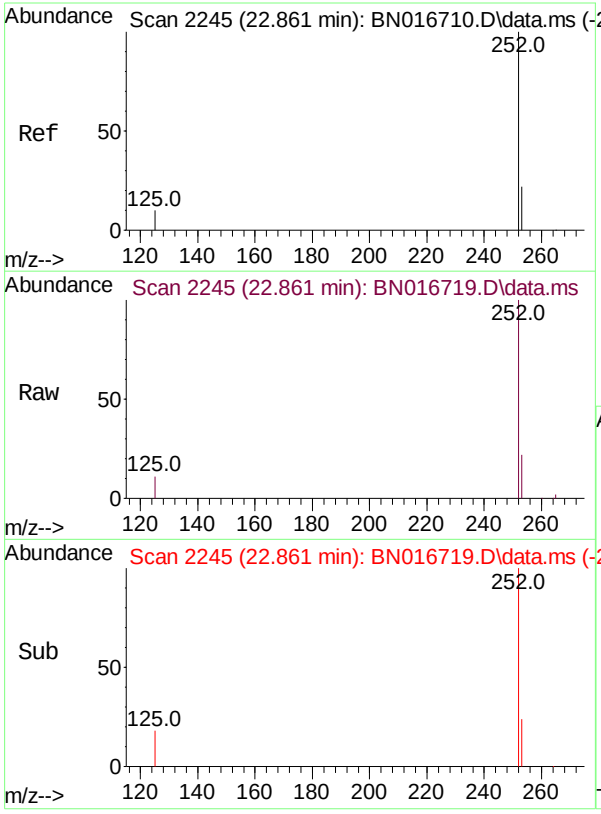


#37
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 22.813 min Scan# 2231
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:252 Resp: 158615

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.4	8.3	12.5

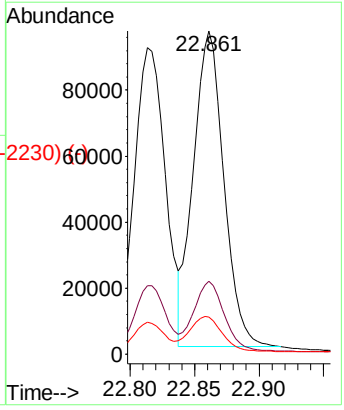




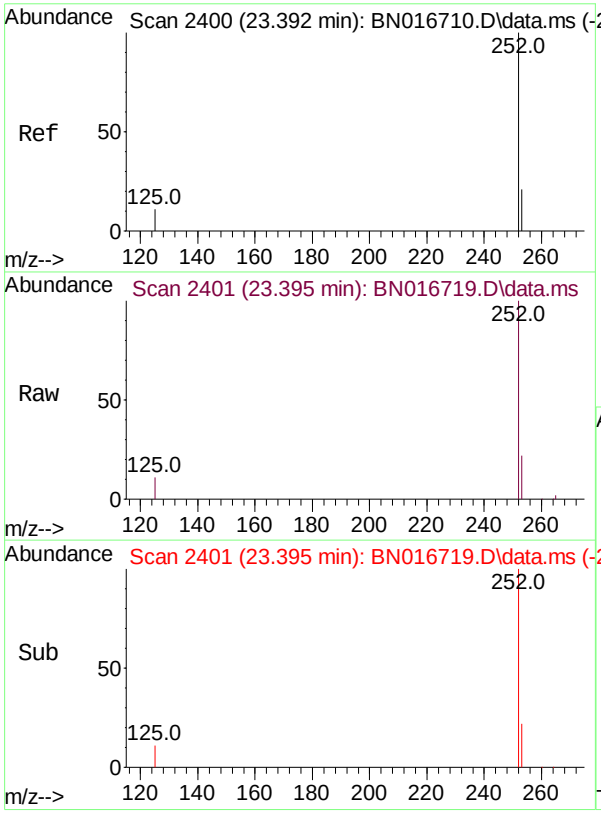
#38
Benzo(k)fluoranthene
Concen: 0.437 ng
RT: 22.861 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:252 Resp: 157816

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	11.4	8.5	12.7



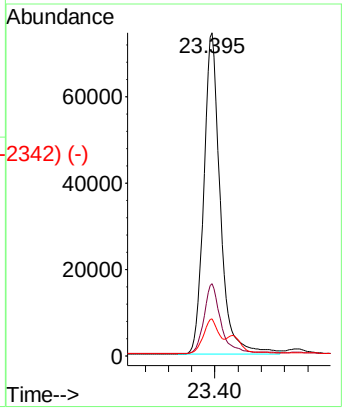
Instrument :
BNA_N
ClientSampleId :

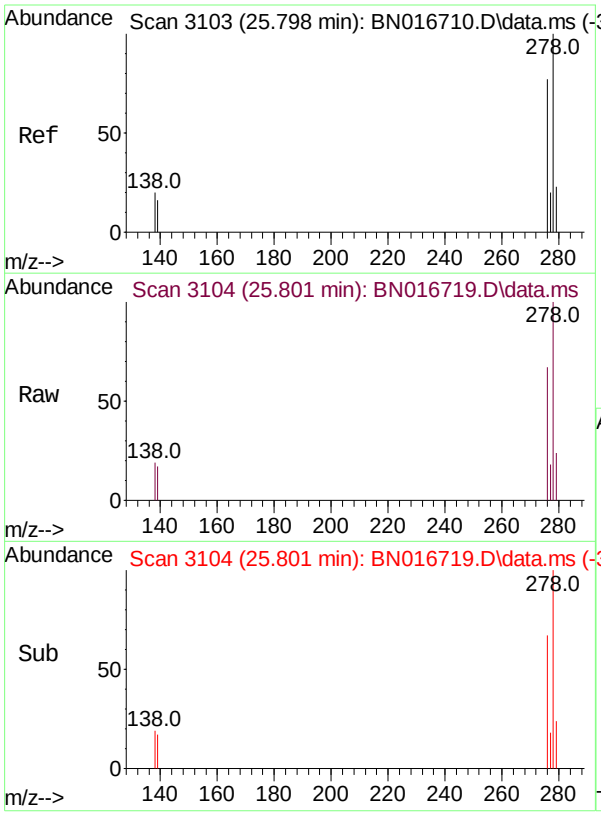


#39
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.395 min Scan# 2401
Delta R.T. 0.004 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:252 Resp: 146370

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	11.4	9.4	14.2

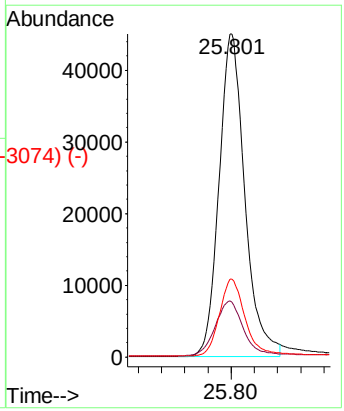


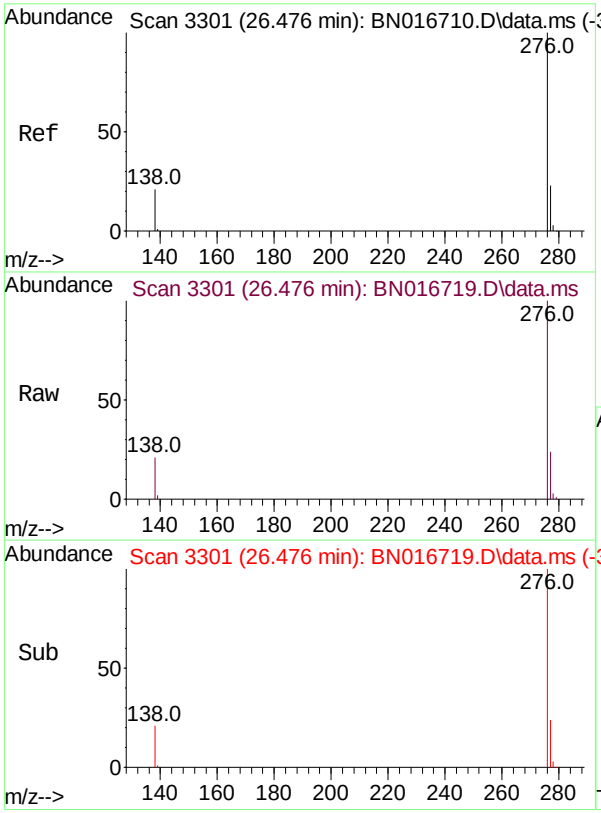


#40
Dibenzo(a,h)anthracene
Concen: 0.472 ng
RT: 25.801 min Scan# 3104
Delta R.T. 0.004 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:278 Resp: 138347

Ion	Ratio	Lower	Upper
278	100		
139	17.1	13.1	19.7
279	24.1	19.3	28.9

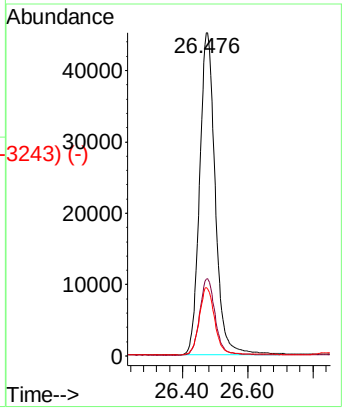




#46
Benzo(g,h,i)perylene
Concen: 0.458 ng
RT: 26.476 min Scan# 3301
Delta R.T. 0.000 min
Lab File: BN016719.D
Acq: 04 Oct 2021 20:47

Tgt Ion:276 Resp: 150211

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.4
138	20.9	17.0	25.6



Instrument :
BNA_N
ClientSampleId :