Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016713.D
Acq On : 04 Oct 2021 16:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Oct 04 17:03:15 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 15:14:53 2021
Response via : Initial Calibration

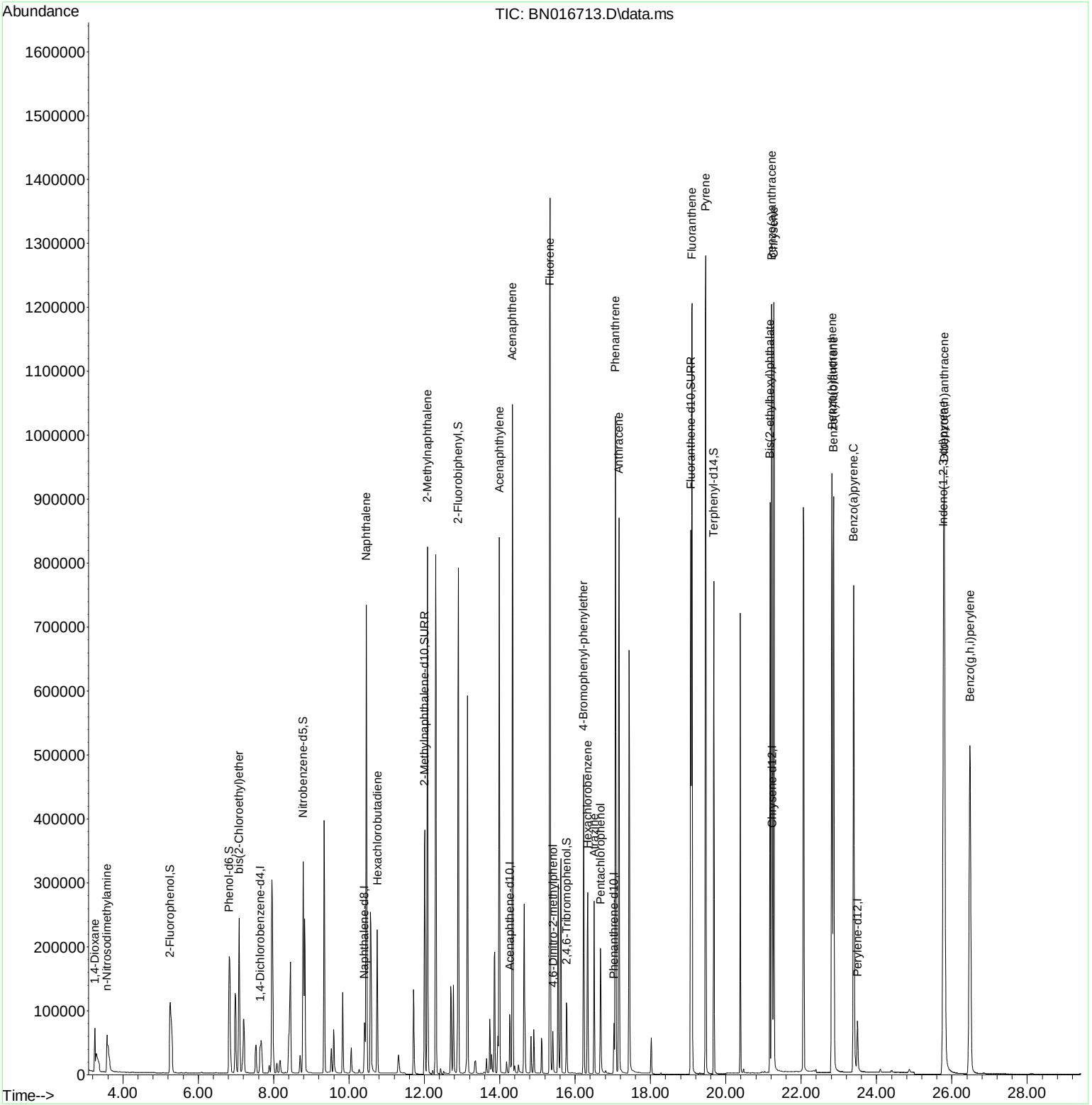
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	26412	0.400	ng		0.00
7) Naphthalene-d8	10.406	136	107953	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	57064	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	103370	0.400	ng		0.00
29) Chrysene-d12	21.238	240	99772	0.400	ng		0.00
35) Perylene-d12	23.495	264	103120	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	215889	3.210	ng		0.00
5) Phenol-d6	6.822	99	247399	3.360	ng		0.00
8) Nitrobenzene-d5	8.784	82	265776	3.778	ng		0.00
11) 2-Methylnaphthalene-d10	12.007	152	518678	3.249	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	101616	3.911	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	723836	3.133	ng		0.00
27) Fluoranthene-d10	19.073	212	951769	3.463	ng		0.00
31) Terphenyl-d14	19.683	244	767146	3.536	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	40706	3.349	ng	#	69
3) n-Nitrosodimethylamine	3.576	42	68610	3.520	ng		99
6) bis(2-Chloroethyl)ether	7.080	93	224051	3.127	ng		99
9) Naphthalene	10.457	128	935126	3.188	ng		100
10) Hexachlorobutadiene	10.749	225	177690	3.227	ng	#	100
12) 2-Methylnaphthalene	12.083	142	590433	3.151	ng		99
16) Acenaphthylene	13.989	152	878102	3.518	ng		100
17) Acenaphthene	14.332	154	543991	3.238	ng		99
18) Fluorene	15.334	166	661906	3.332	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	48334	4.036	ng	#	56
21) 4-Bromophenyl-phenylether	16.226	248	218727	3.406	ng		98
22) Hexachlorobenzene	16.336	284	239343	3.219	ng		100
23) Atrazine	16.506	200	184234	3.949	ng		98
24) Pentachlorophenol	16.677	266	97611	3.968	ng		99
25) Phenanthrene	17.066	178	1007542	3.239	ng		100
26) Anthracene	17.163	178	941037	3.504	ng		100
28) Fluoranthene	19.102	202	1096781	3.266	ng		100
30) Pyrene	19.465	202	1148724	3.558	ng		100
32) Benzo(a)anthracene	21.217	228	1122119	3.664	ng		100
33) Chrysene	21.270	228	1097528	3.540	ng		100
34) Bis(2-ethylhexyl)phtha...	21.174	149	708179	5.800	ng		100
36) Indeno(1,2,3-cd)pyrene	25.778	276	1257539	3.418	ng		100
37) Benzo(b)fluoranthene	22.817	252	1163040	3.510	ng		99
38) Benzo(k)fluoranthene	22.861	252	1121425	3.425	ng		99
39) Benzo(a)pyrene	23.392	252	1071702	3.631	ng		99
40) Dibenzo(a,h)anthracene	25.802	278	1019447	3.434	ng		99
41) Benzo(g,h,i)perylene	26.479	276	1103252	3.391	ng		99

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

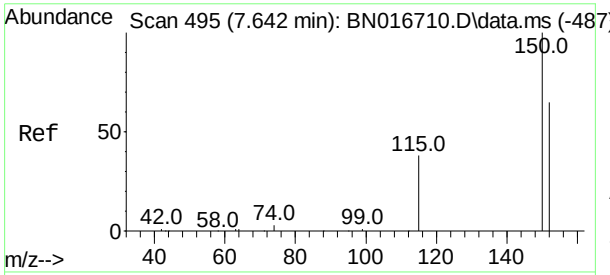
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016713.D
Acq On : 04 Oct 2021 16:31
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 04 17:03:15 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 15:14:53 2021
Response via : Initial Calibration



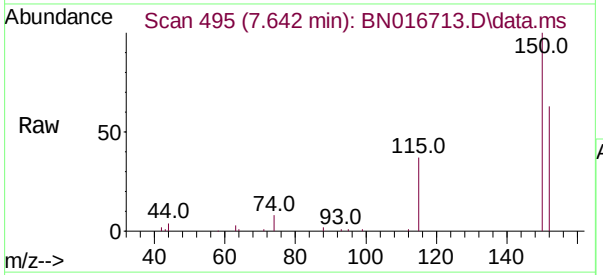
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

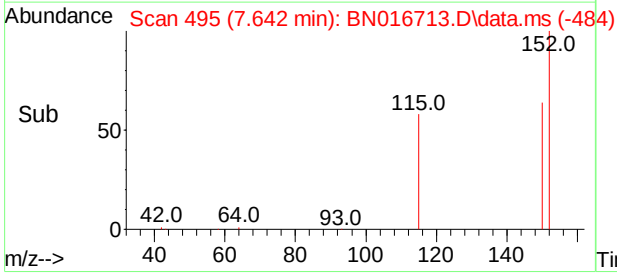


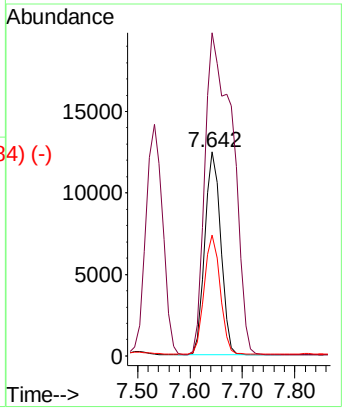
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

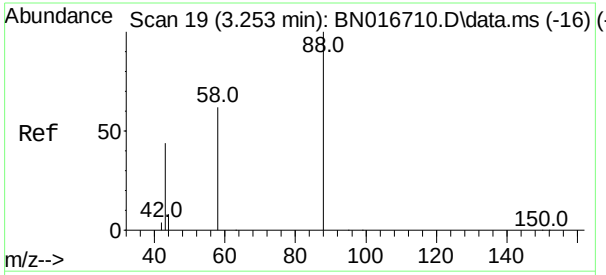
Tgt Ion:152 Resp: 26412

Ion	Ratio	Lower	Upper
152	100		
150	158.4	123.3	184.9
115	59.2	47.0	70.6





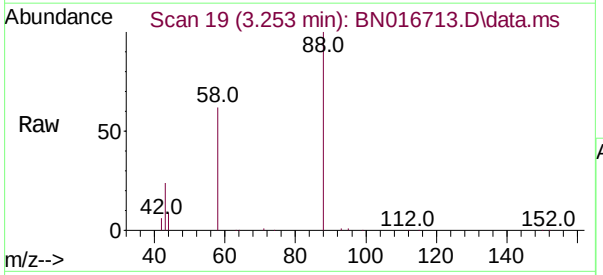


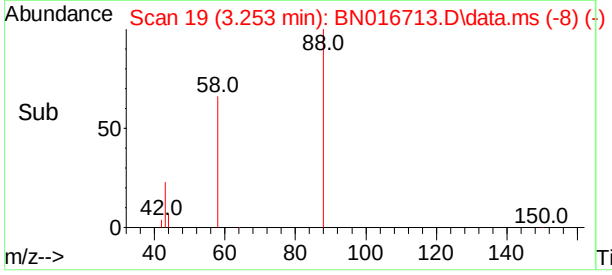


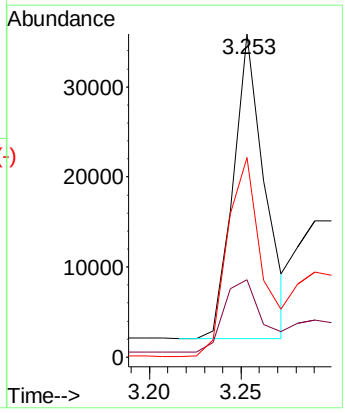
#2
1,4-Dioxane
Concen: 3.349 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion: 88 Resp: 40706

Ion	Ratio	Lower	Upper
88	100		
43	29.0	61.7	92.5#
58	72.5	62.2	93.2







Instrument :
BNA_N
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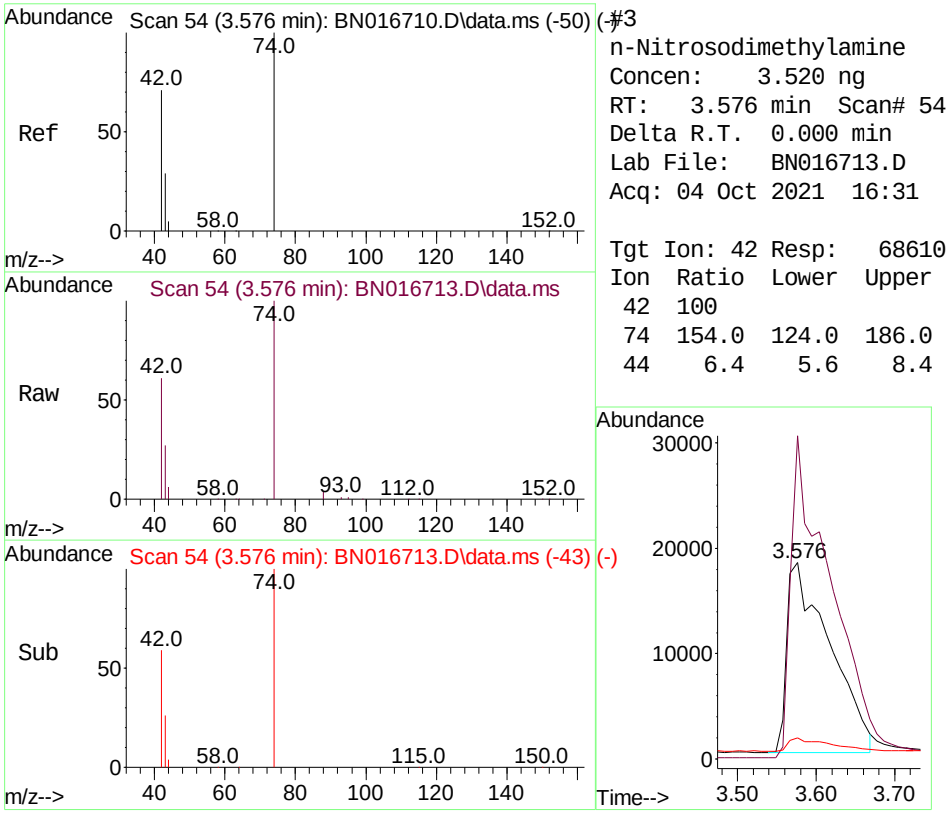
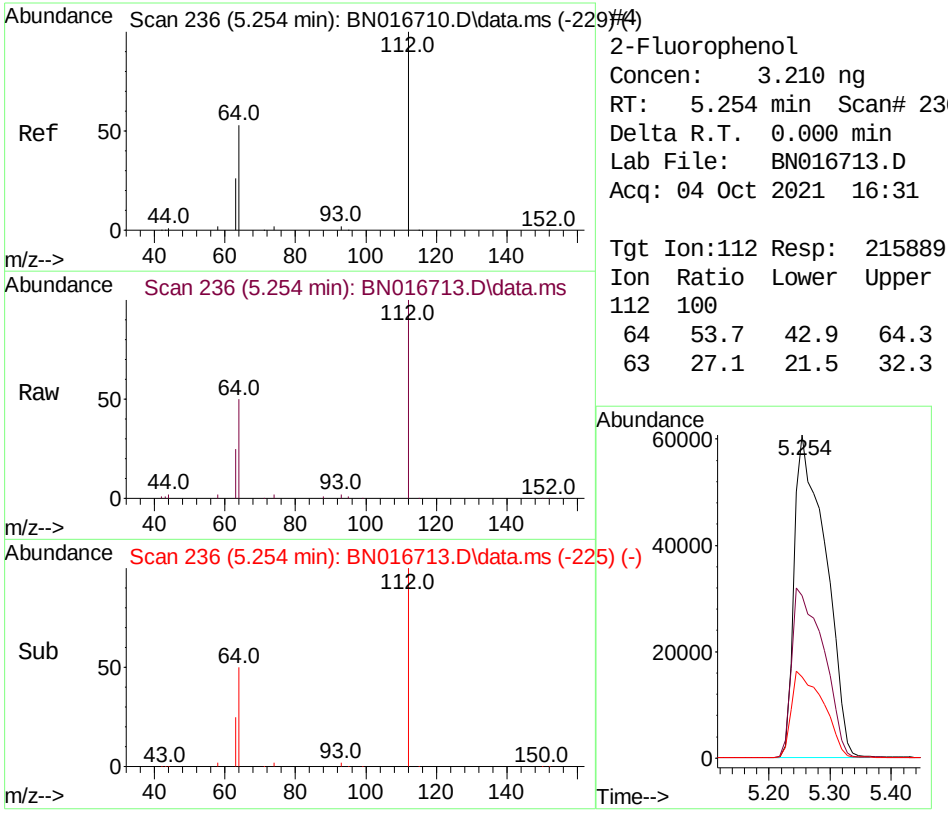


#3
n-Nitrosodimethylamine
Concen: 3.520 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion: 42 Resp: 68610

Ion	Ratio	Lower	Upper
42	100		
74	154.0	124.0	186.0
44	6.4	5.6	8.4

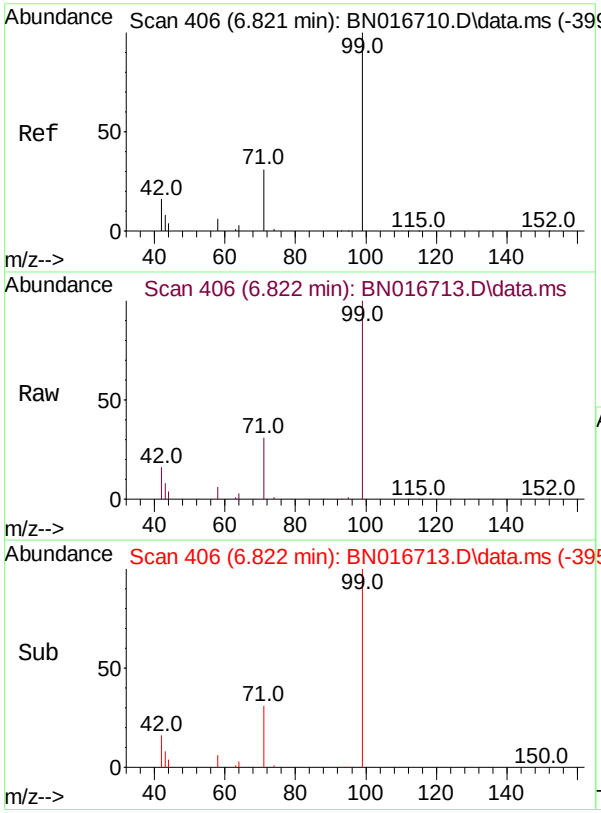


#4
2-Fluorophenol
Concen: 3.210 ng
RT: 5.254 min Scan# 236
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:112 Resp: 215889

Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.9	64.3
63	27.1	21.5	32.3

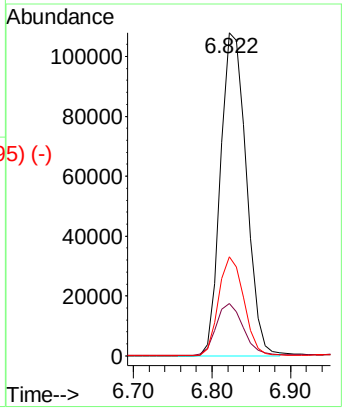
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

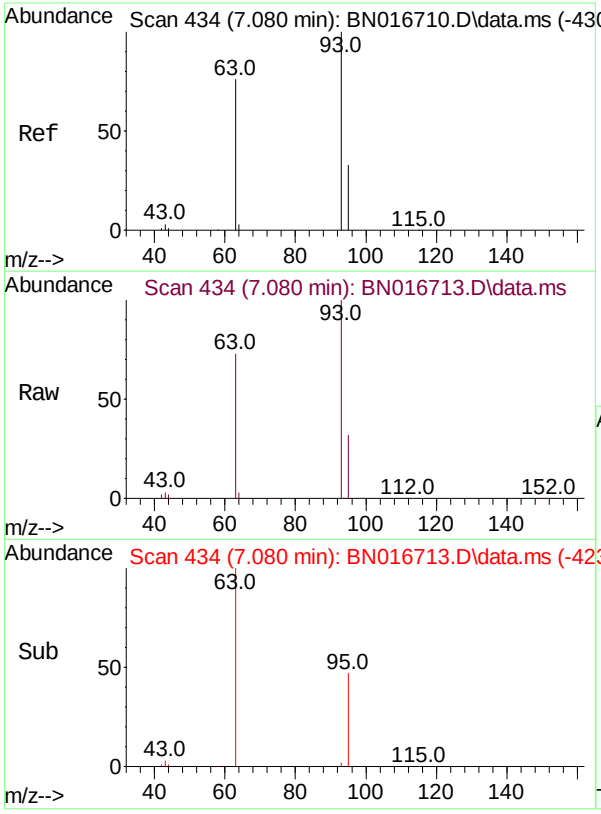


#5
Phenol-d6
Concen: 3.360 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion: 99 Resp: 247399

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	29.9	24.0	36.0

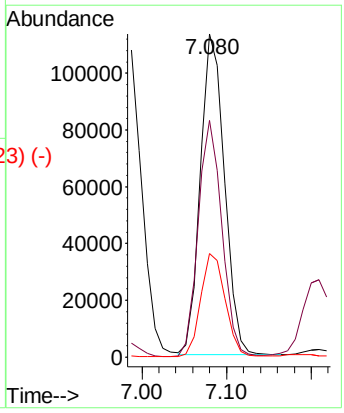




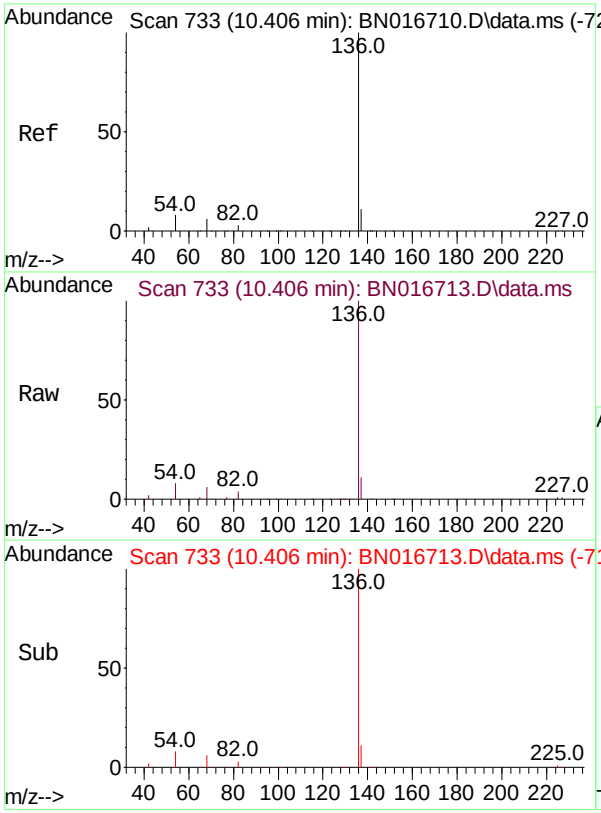
#6
bis(2-Chloroethyl)ether
Concen: 3.127 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion: 93 Resp: 224051

Ion	Ratio	Lower	Upper
93	100		
63	72.8	59.0	88.6
95	32.7	26.4	39.6



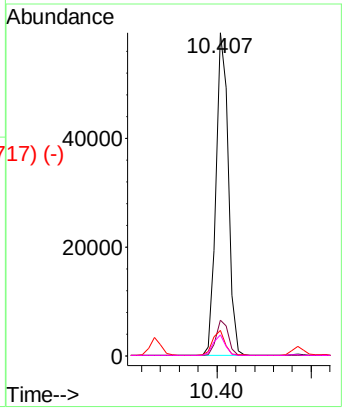
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

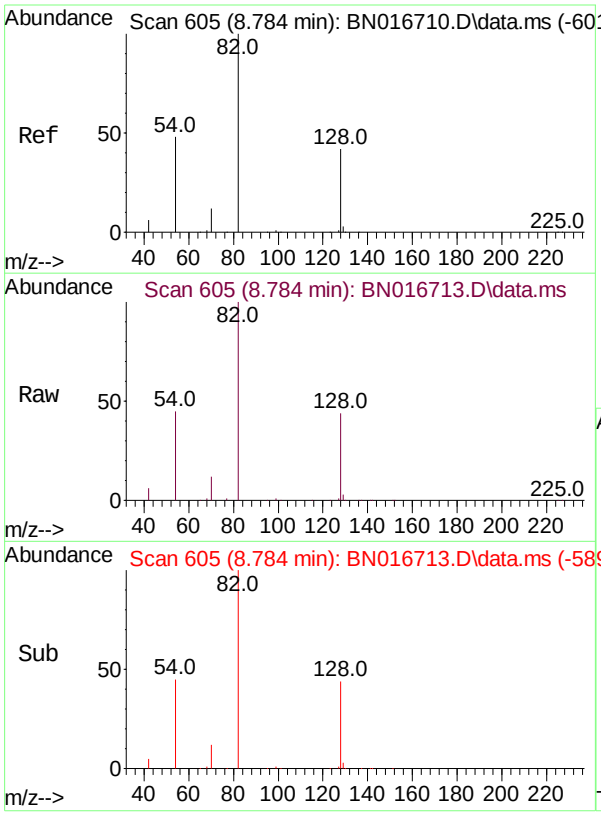


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:136 Resp: 107953

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.0	6.5	9.7
68	6.5	5.3	7.9

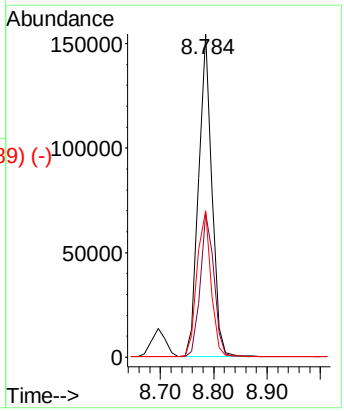




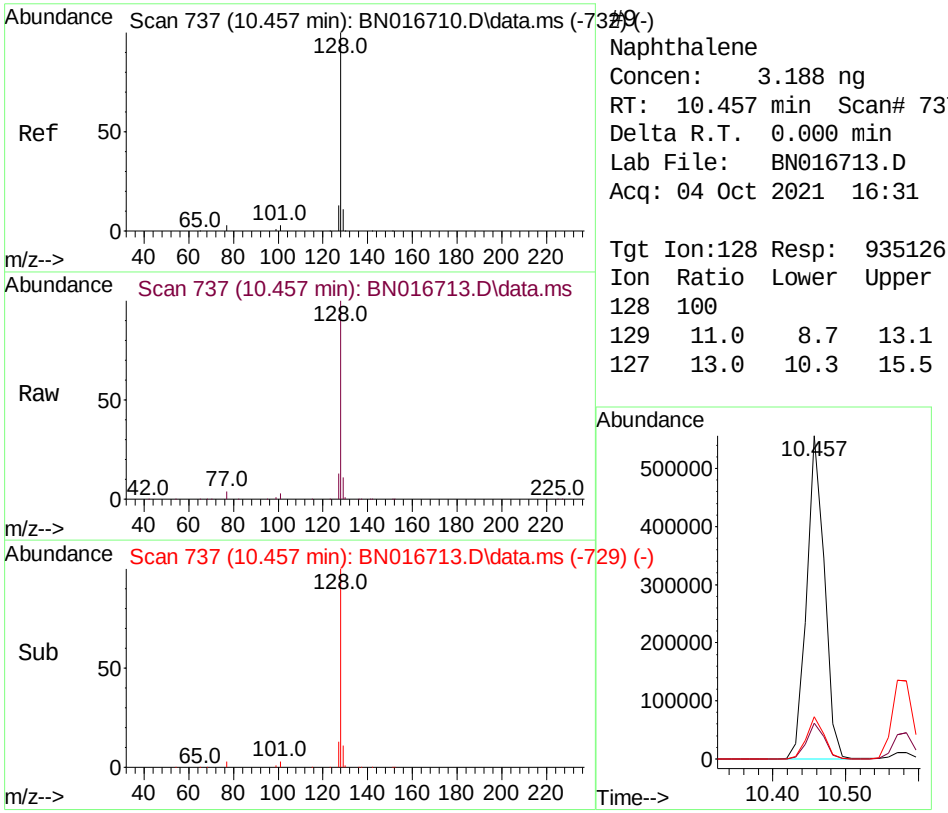
#8
Nitrobenzene-d5
Concen: 3.778 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion: 82 Resp: 265776

Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.8	50.6
54	45.3	38.5	57.7



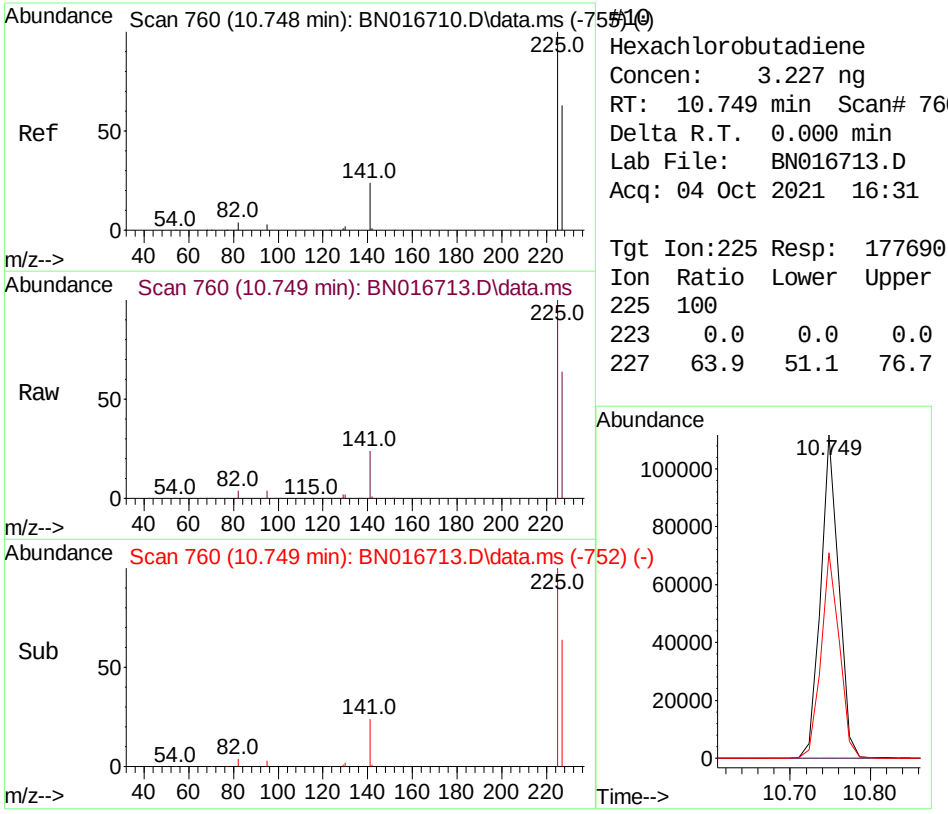
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#9
Naphthalene
Concen: 3.188 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:128 Resp: 935126

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.0	10.3	15.5

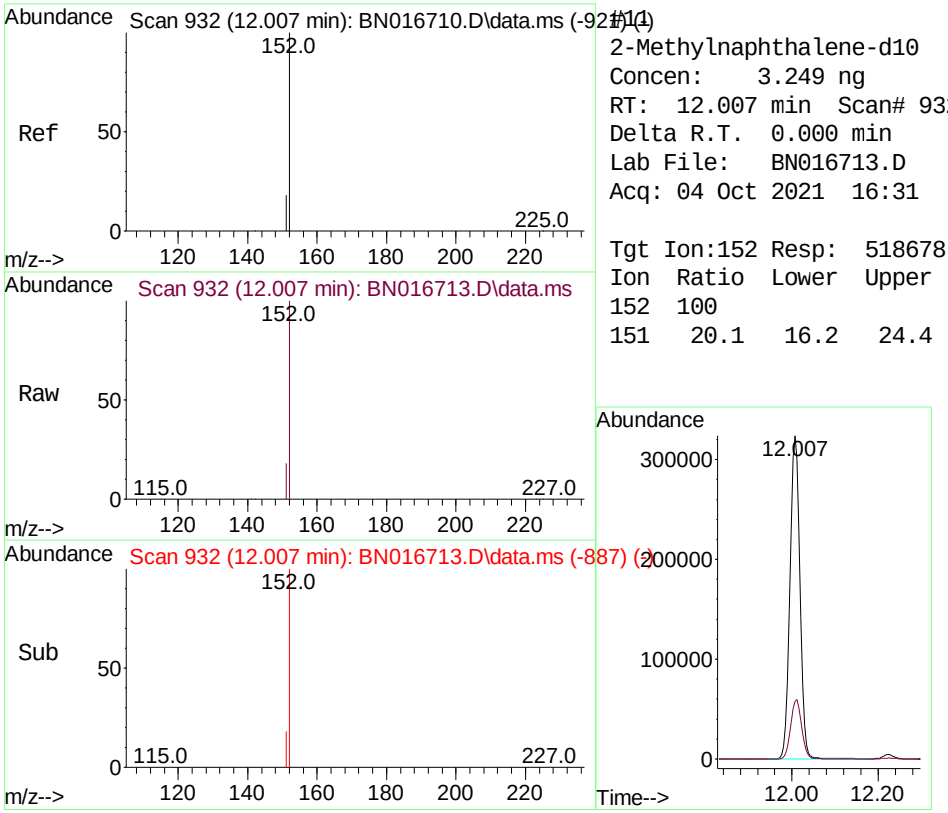


#10
Hexachlorobutadiene
Concen: 3.227 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:225 Resp: 177690

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7

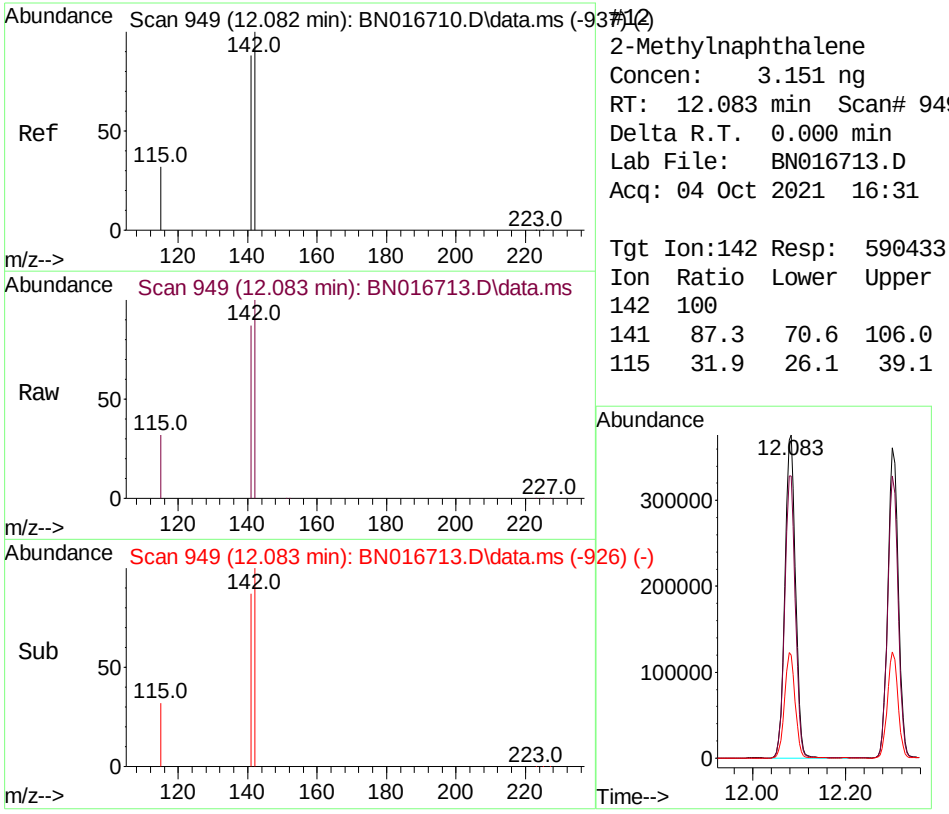
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#11
2-Methylnaphthalene-d10
Concen: 3.249 ng
RT: 12.007 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:152 Resp: 518678

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

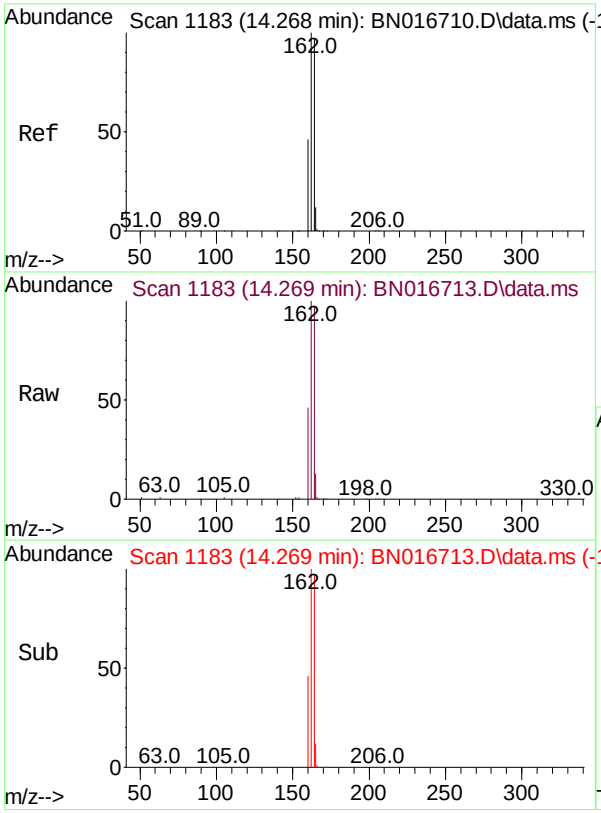


#12
2-Methylnaphthalene
Concen: 3.151 ng
RT: 12.083 min Scan# 949
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:142 Resp: 590433

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	106.0
115	31.9	26.1	39.1

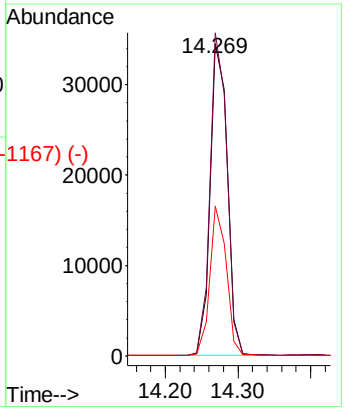
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

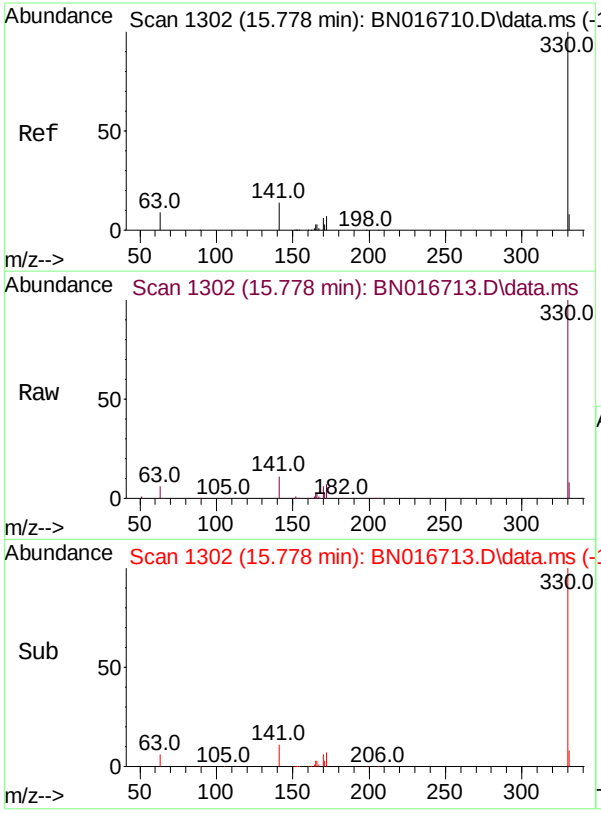


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:164 Resp: 57064

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	124.0
160	48.0	38.2	57.2

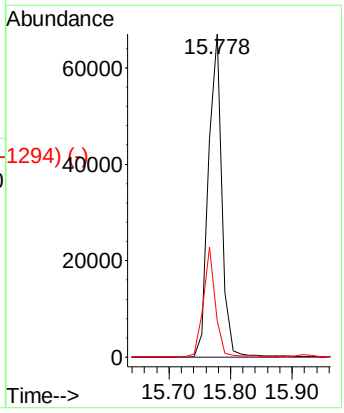




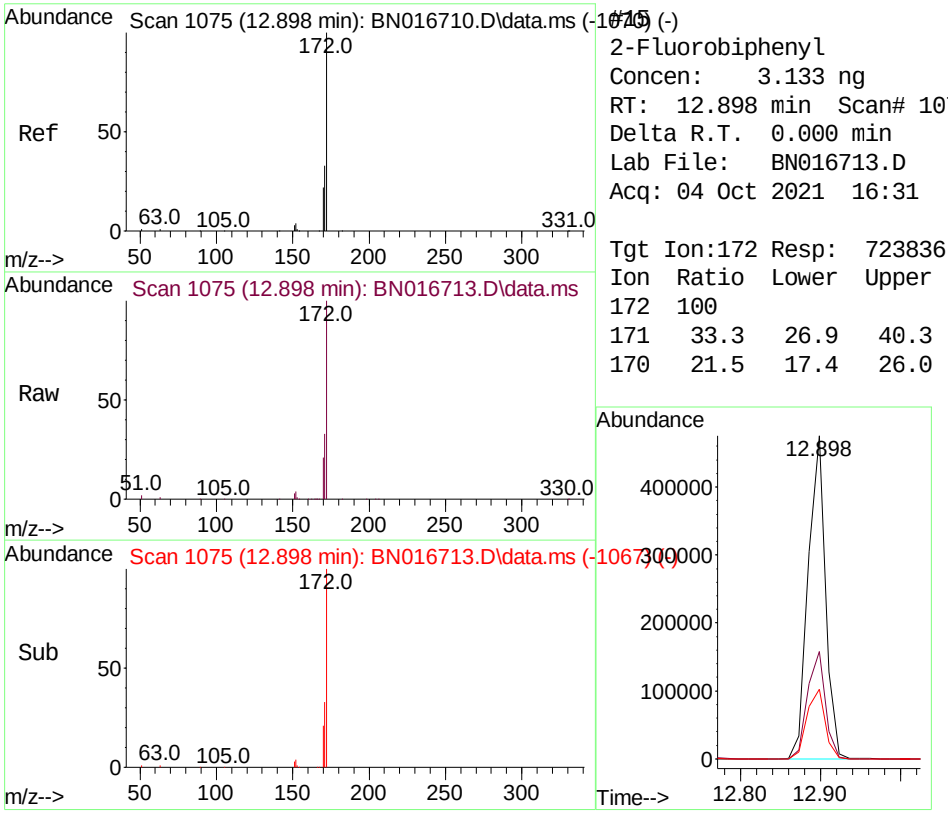
#14
2,4,6-Tribromophenol
Concen: 3.911 ng
RT: 15.778 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:330 Resp: 101616

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.4	24.2	36.2



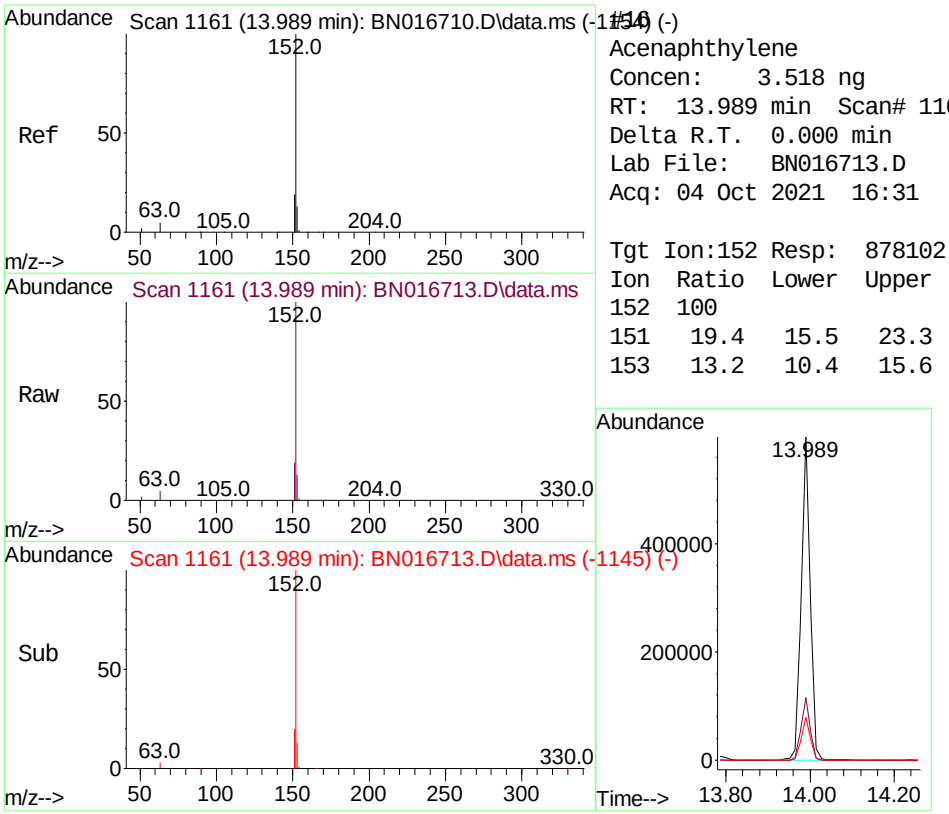
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#15
2-Fluorobiphenyl
Concen: 3.133 ng
RT: 12.898 min Scan# 1075
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:172 Resp: 723836

Ion	Ratio	Lower	Upper
172	100		
171	33.3	26.9	40.3
170	21.5	17.4	26.0

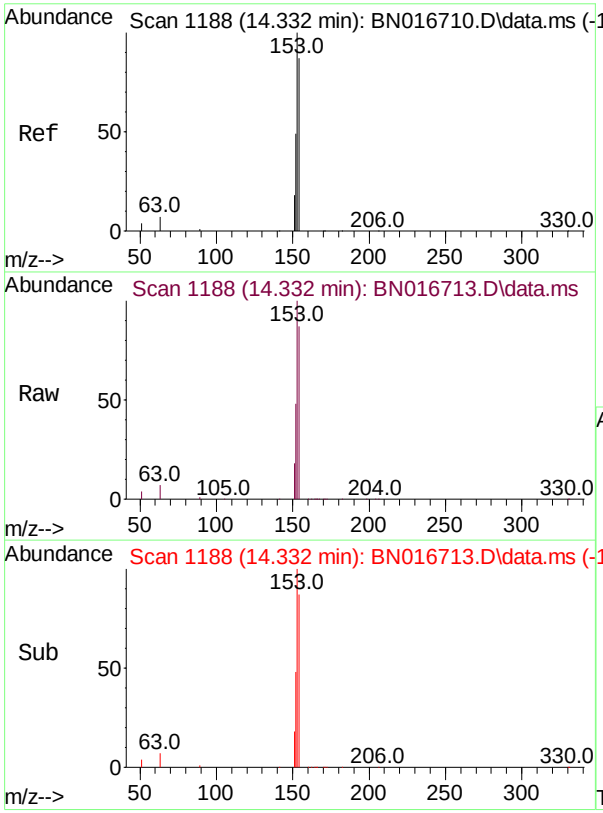


#16
Acenaphthylene
Concen: 3.518 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:152 Resp: 878102

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.2	10.4	15.6

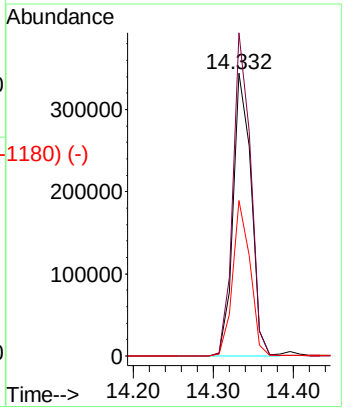
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

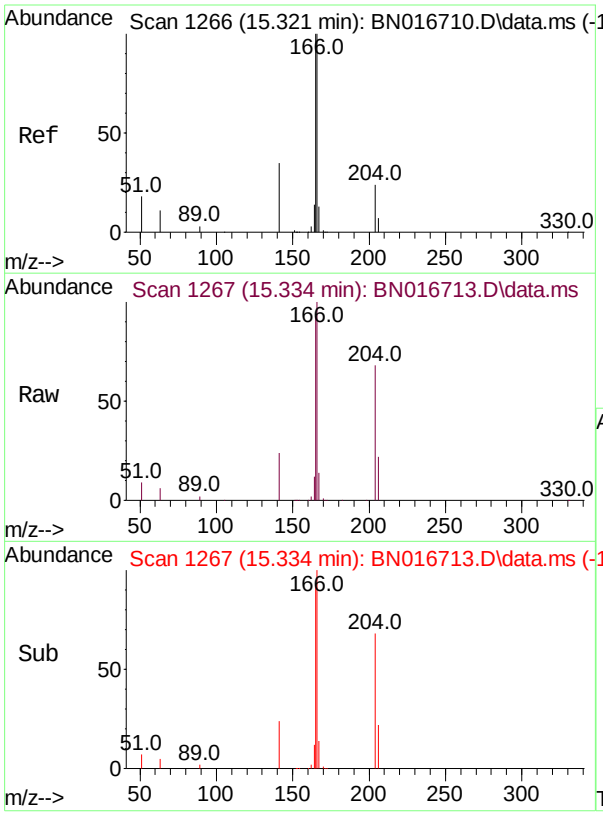


#17
Acenaphthene
Concen: 3.238 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:154 Resp: 543991

Ion	Ratio	Lower	Upper
154	100		
153	111.9	90.1	135.1
152	53.1	43.6	65.4

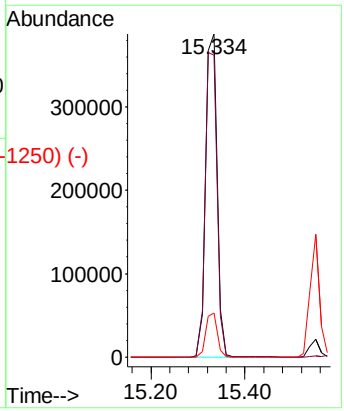




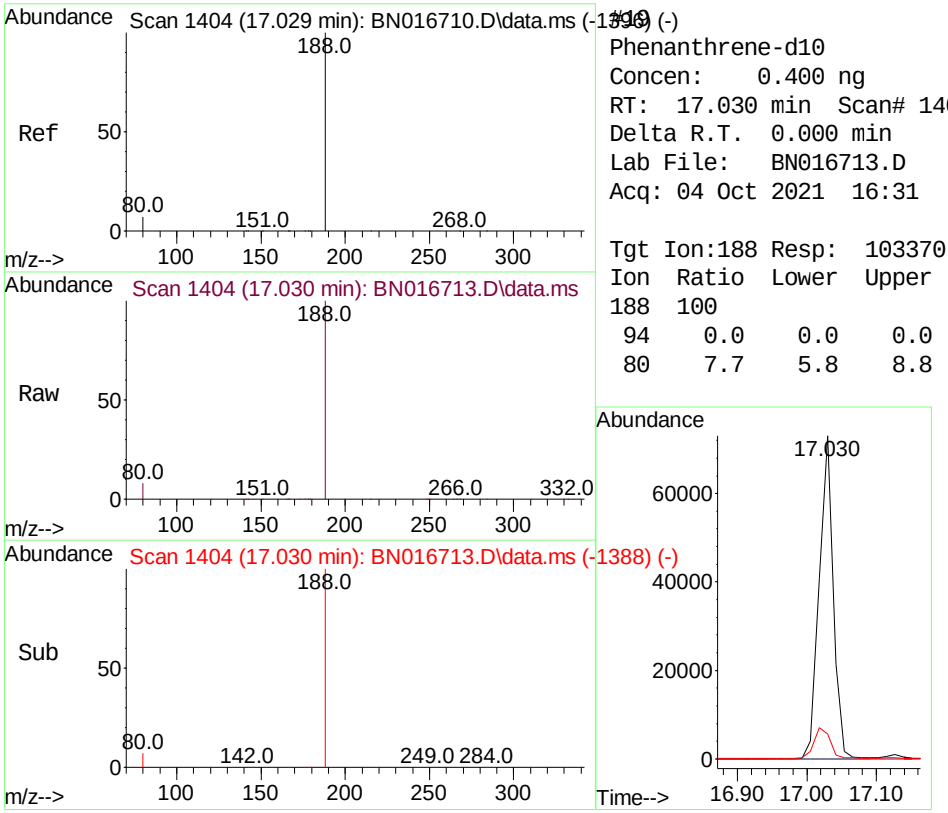
#18
Fluorene
Concen: 3.332 ng
RT: 15.334 min Scan# 1267
Delta R.T. 0.013 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:166 Resp: 661906

Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.1	117.1
167	13.5	10.7	16.1



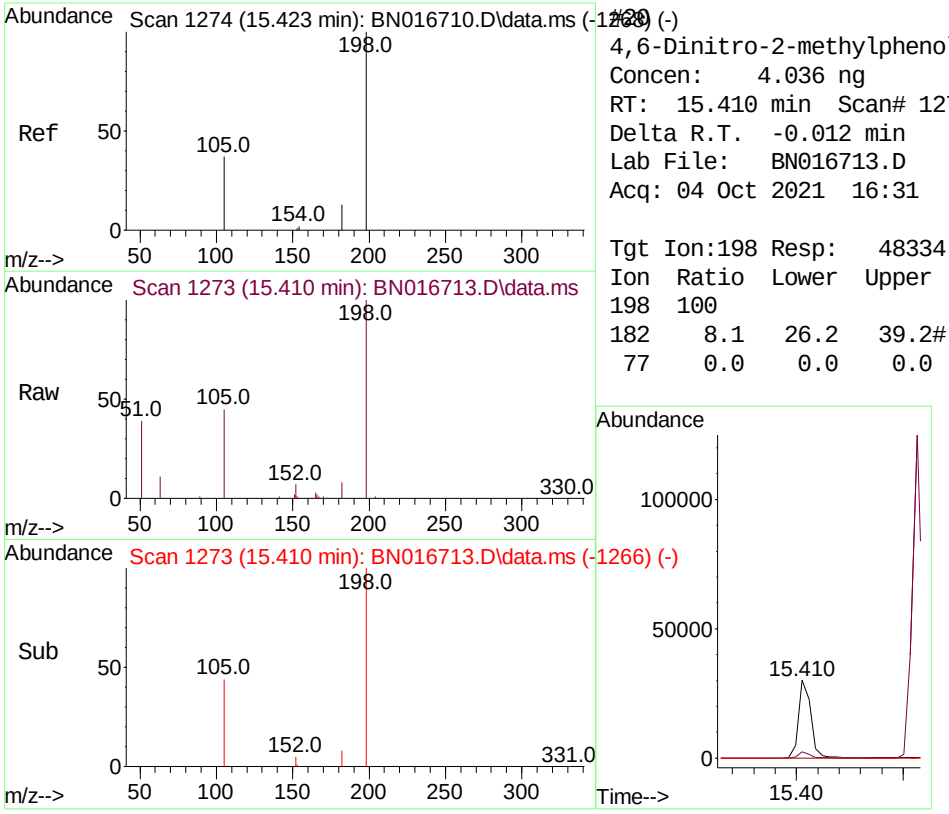
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#10
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.030 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:188 Resp: 103370

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	5.8	8.8

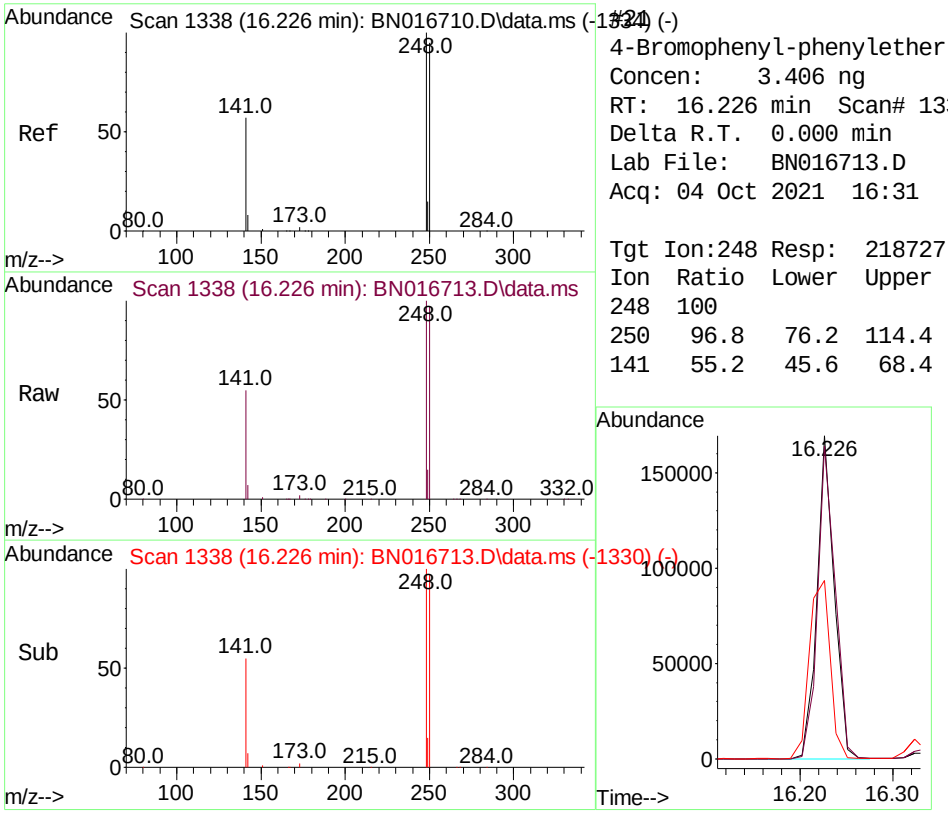


#20
4,6-Dinitro-2-methylphenol
Concen: 4.036 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:198 Resp: 48334

Ion	Ratio	Lower	Upper
198	100		
182	8.1	26.2	39.2#
77	0.0	0.0	0.0

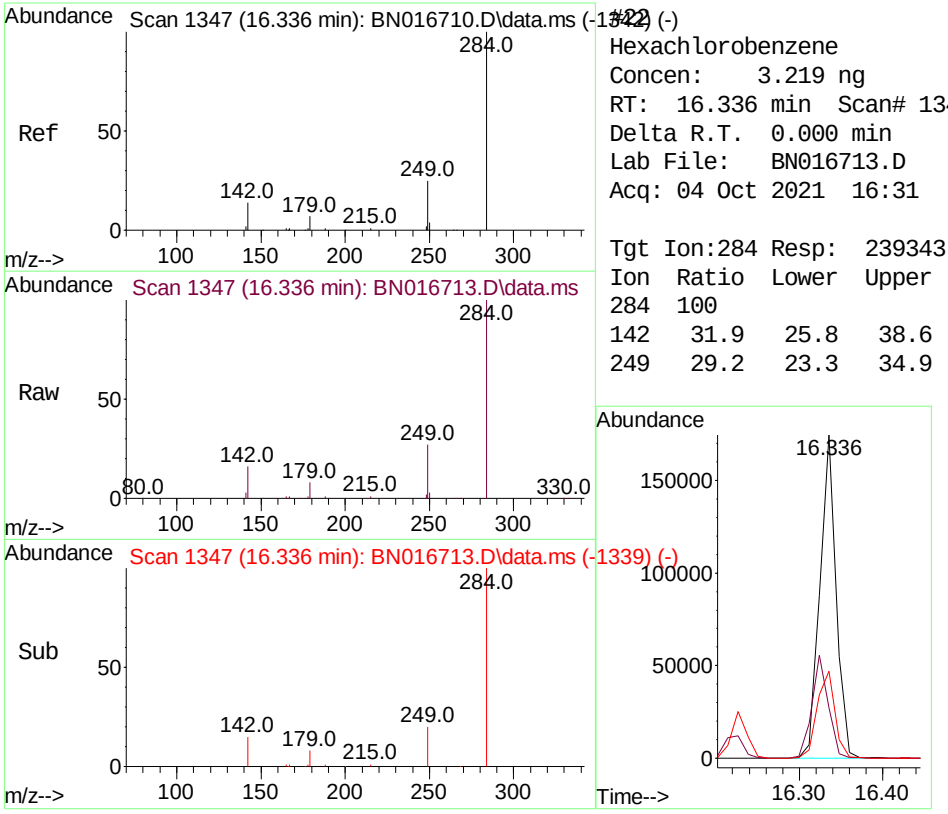
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#21
4-Bromophenyl-phenylether
Concen: 3.406 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:248 Resp: 218727

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.2	114.4
141	55.2	45.6	68.4

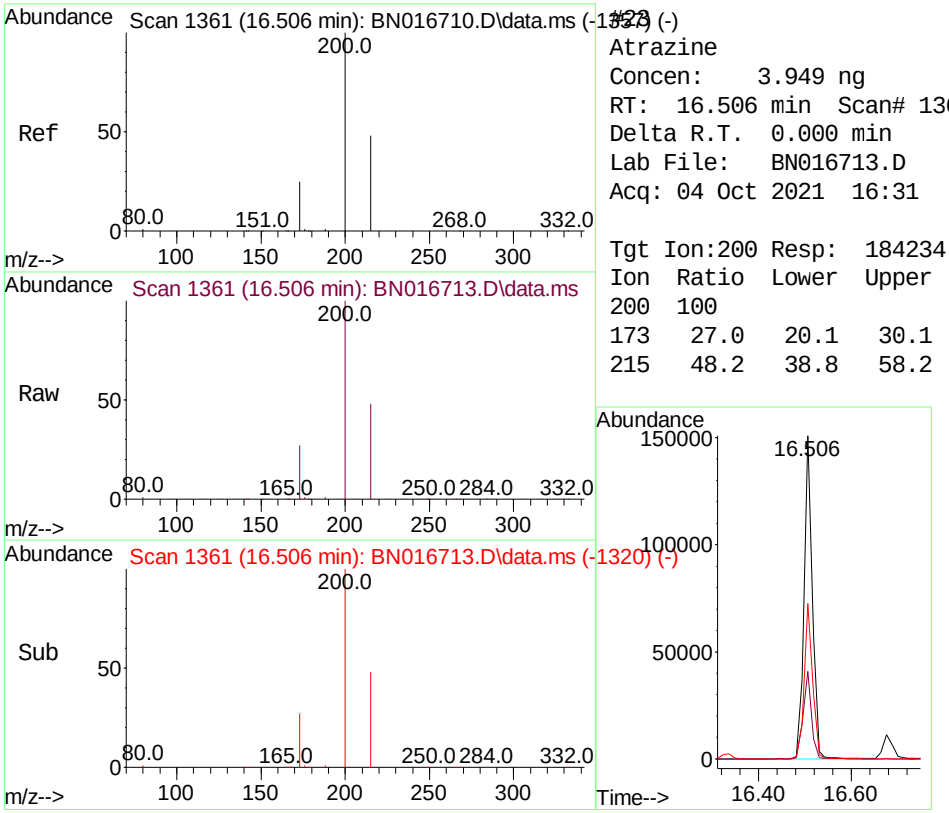


#22
Hexachlorobenzene
Concen: 3.219 ng
RT: 16.336 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:284 Resp: 239343

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	29.2	23.3	34.9

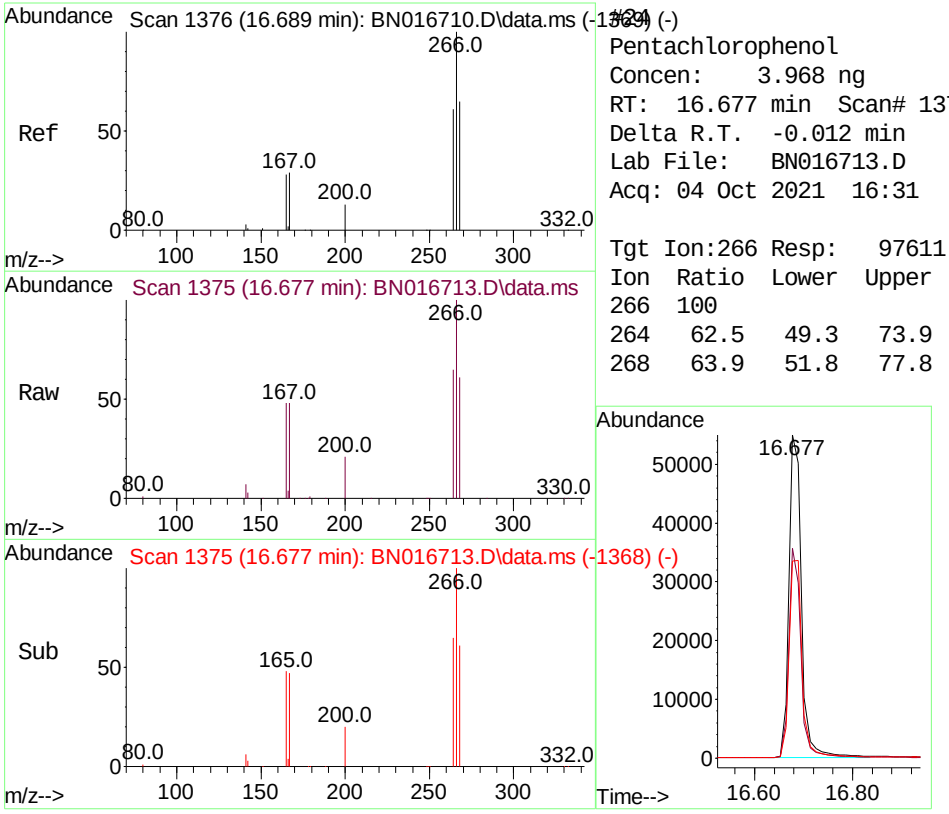
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#23
Atrazine
Concen: 3.949 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:200 Resp: 184234

Ion	Ratio	Lower	Upper
200	100		
173	27.0	20.1	30.1
215	48.2	38.8	58.2

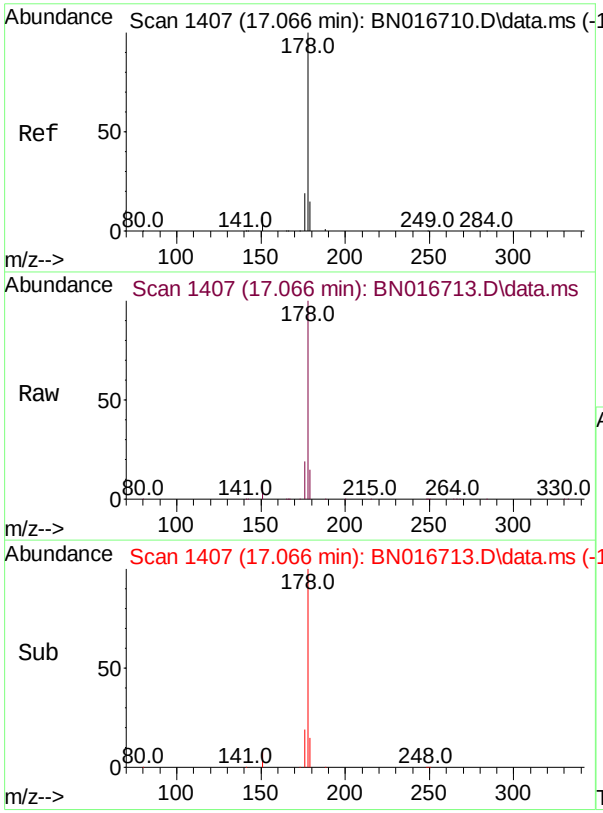


#24
Pentachlorophenol
Concen: 3.968 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:266 Resp: 97611

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.3	73.9
268	63.9	51.8	77.8

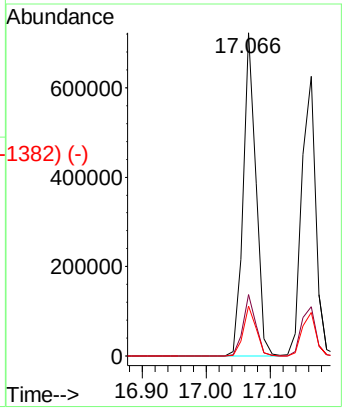
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

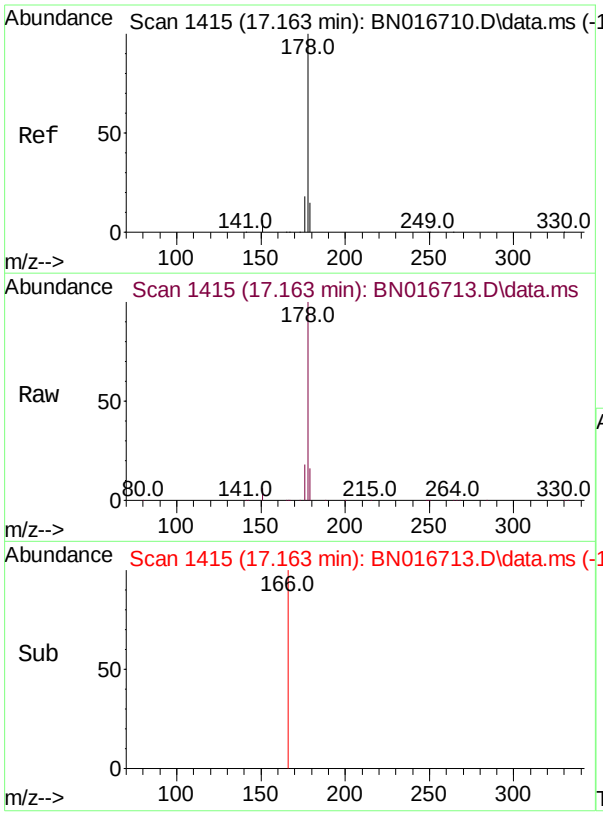


#25
Phenanthrene
Concen: 3.239 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:178 Resp: 1007542

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.4	12.4	18.6

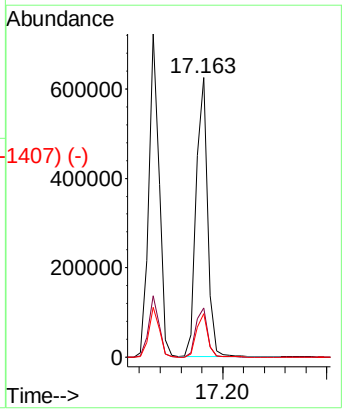




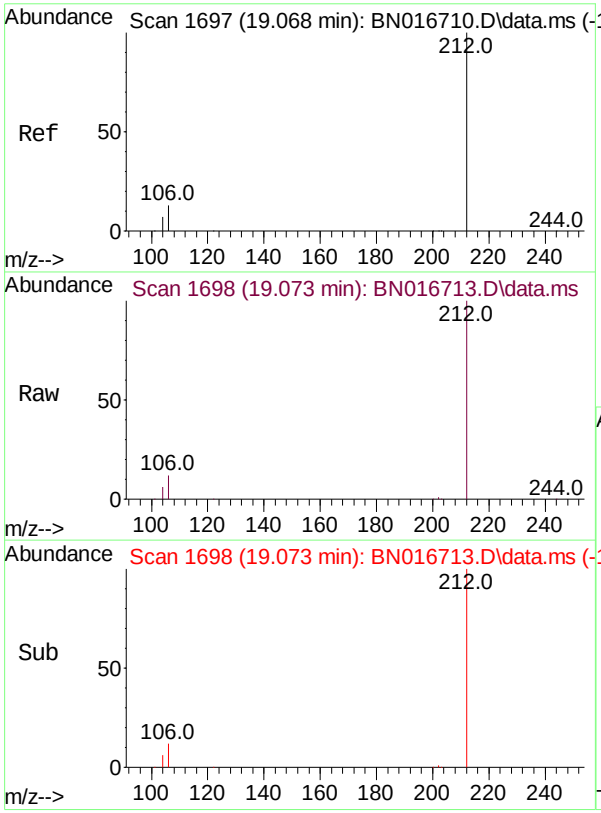
#26
Anthracene
Concen: 3.504 ng
RT: 17.163 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:178 Resp: 941037

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.5	12.2	18.4



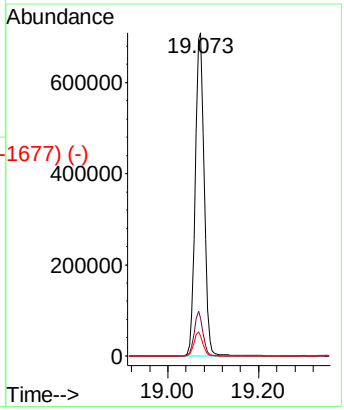
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

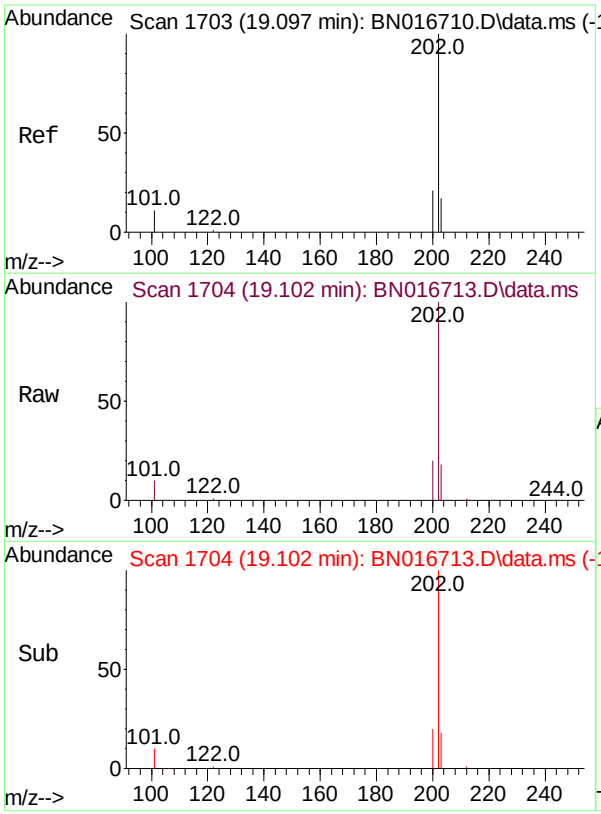


#27
Fluoranthene-d10
Concen: 3.463 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:212 Resp: 951769

Ion	Ratio	Lower	Upper
212	100		
106	13.4	10.6	16.0
104	7.3	5.8	8.8

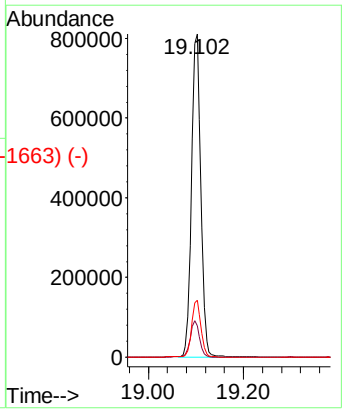




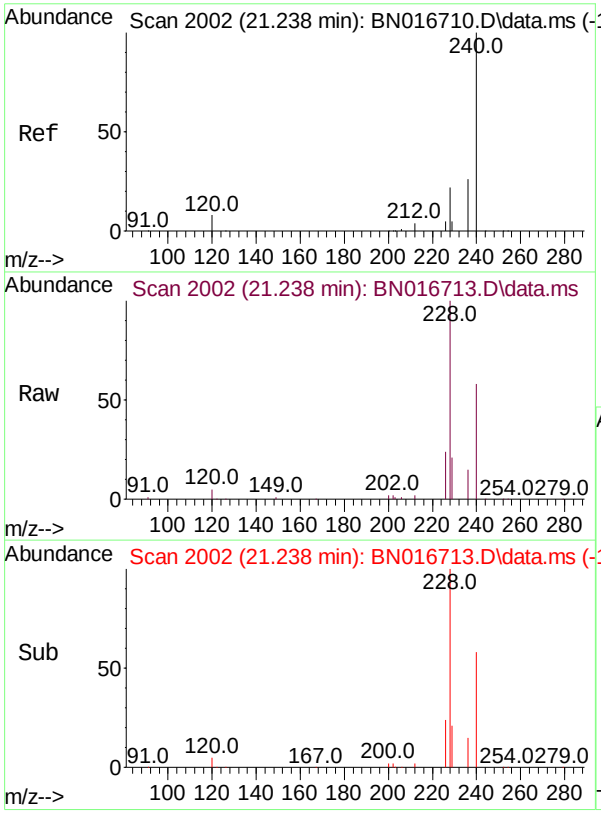
#28
Fluoranthene
Concen: 3.266 ng
RT: 19.102 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:202 Resp: 1096781

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.9	13.3
203	17.5	13.8	20.8



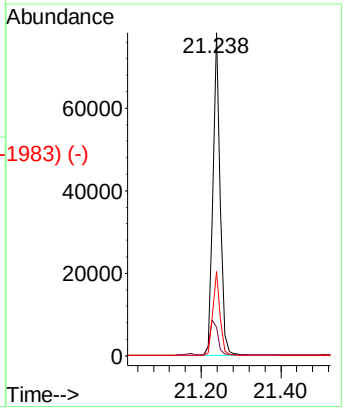
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

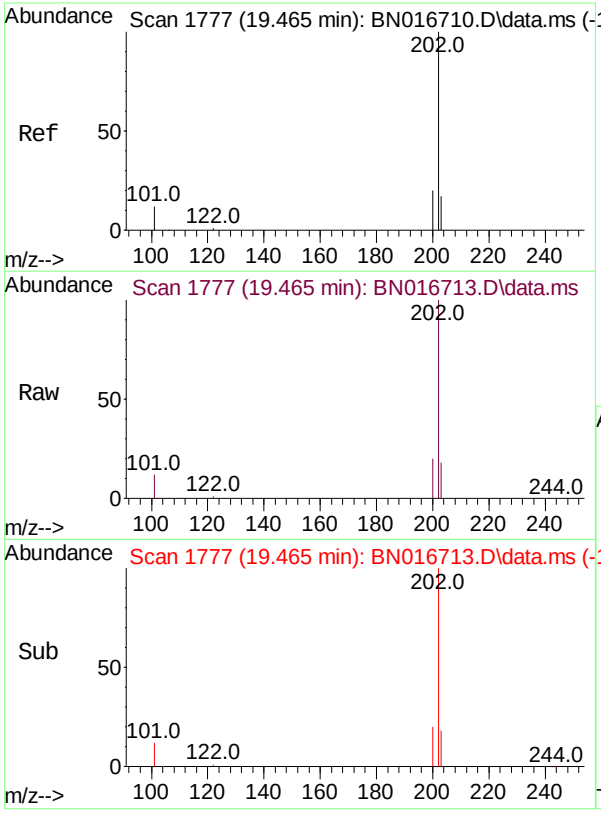


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:240 Resp: 99772

Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.6	10.0
236	26.1	20.7	31.1

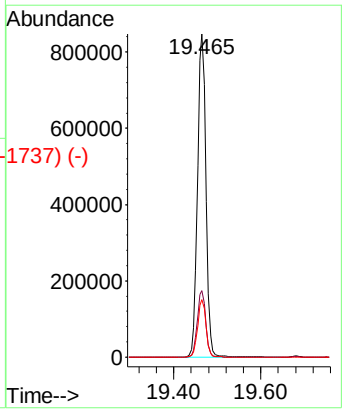




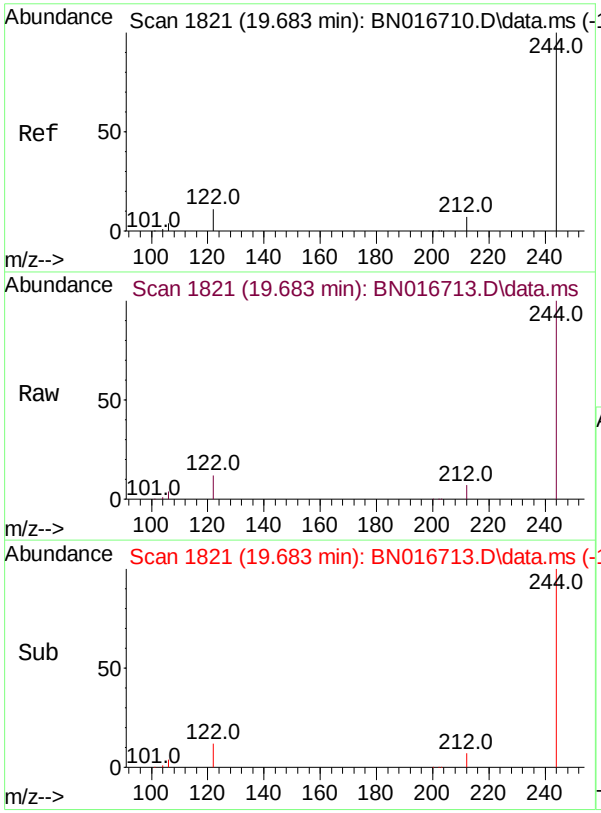
#30
Pyrene
Concen: 3.558 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:202 Resp: 1148724

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



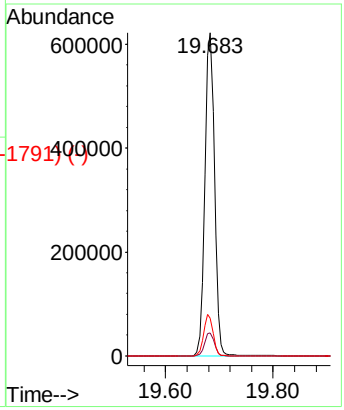
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

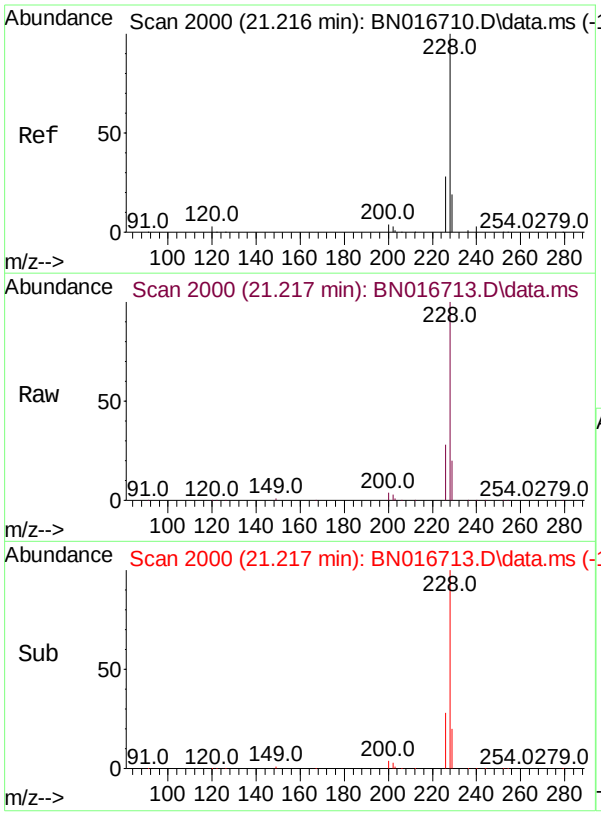


#31
Terphenyl-d14
Concen: 3.536 ng
RT: 19.683 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:244 Resp: 767146

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.6	8.9	13.3

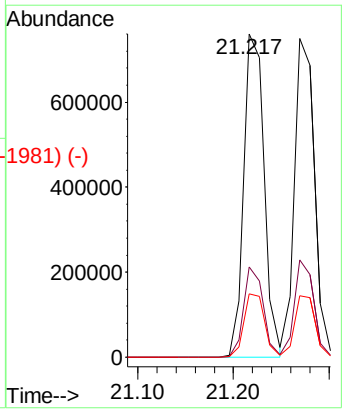




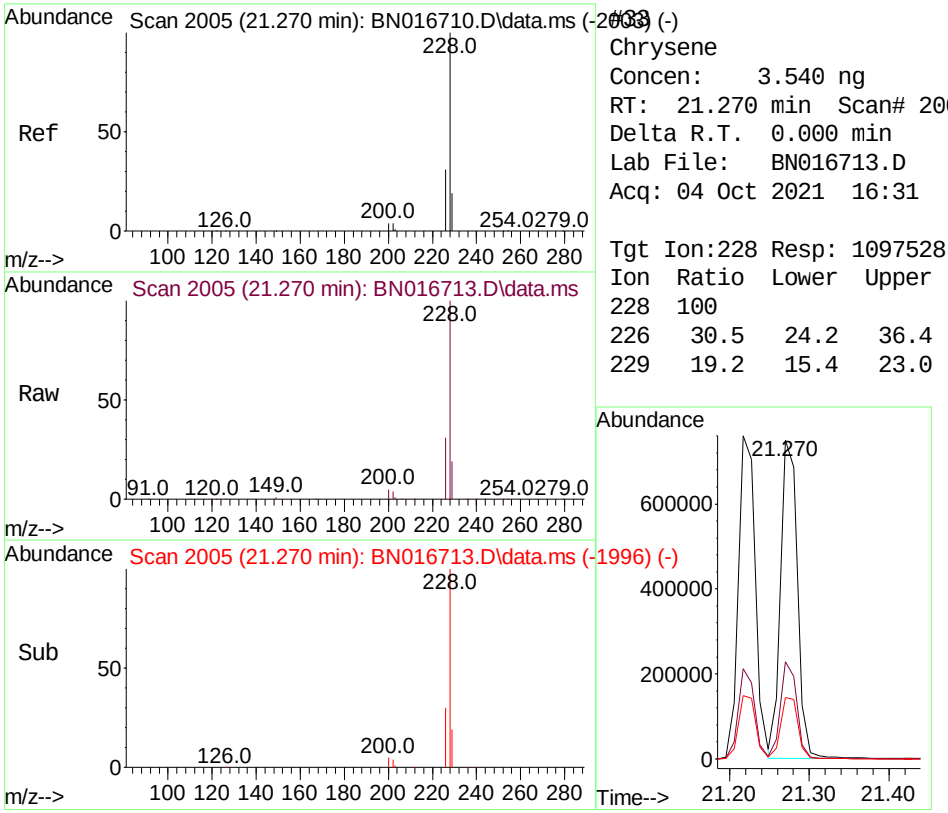
#32
Benzo(a)anthracene
Concen: 3.664 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:228 Resp: 1122119

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	19.5	15.4	23.0



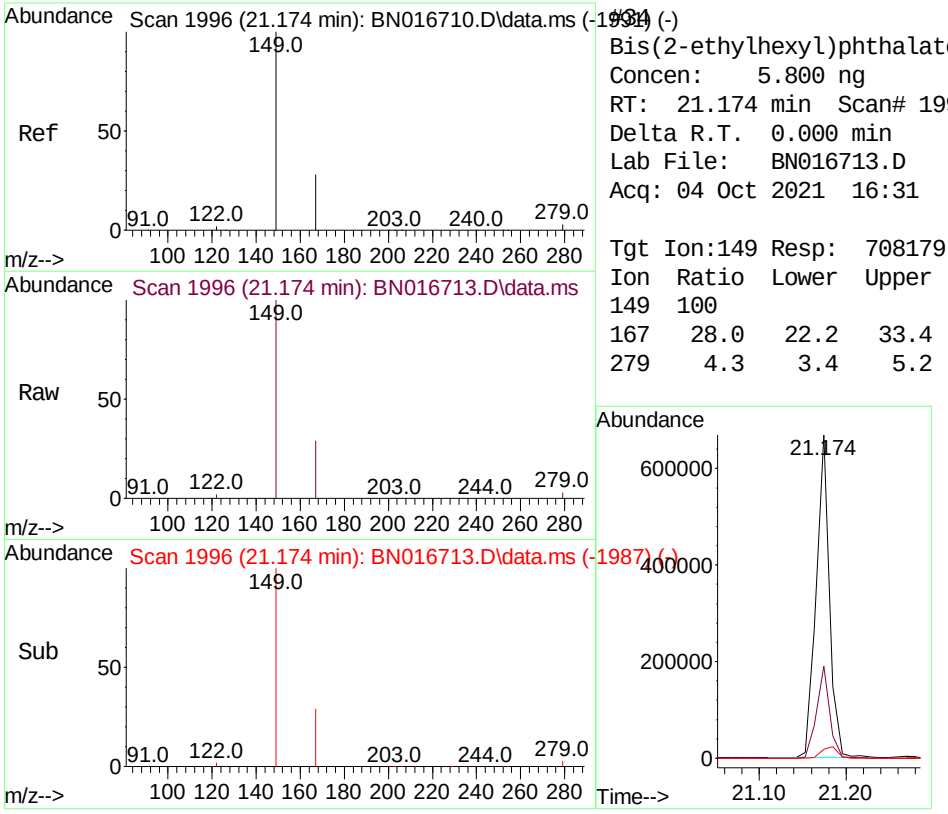
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2



#33
Chrysene
Concen: 3.540 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:228 Resp: 1097528

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.2	15.4	23.0

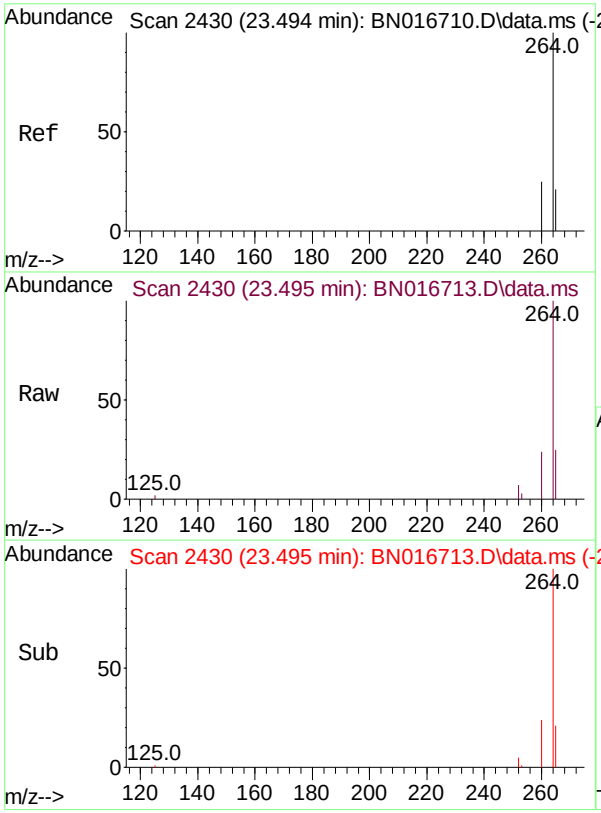


#34
Bis(2-ethylhexyl)phthalate
Concen: 5.800 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:149 Resp: 708179

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	4.3	3.4	5.2

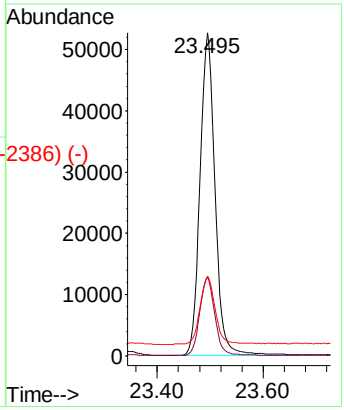
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

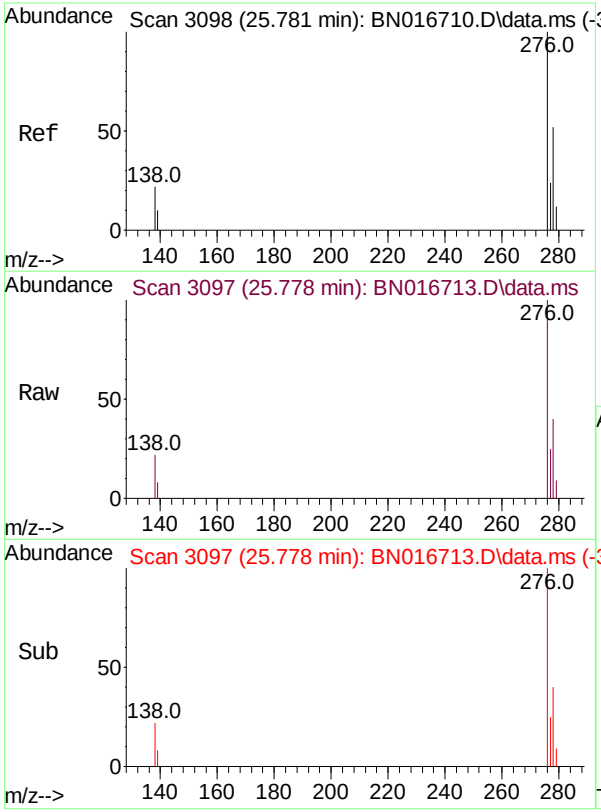


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.495 min Scan# 2430
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:264 Resp: 103120

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	24.8	20.3	30.5

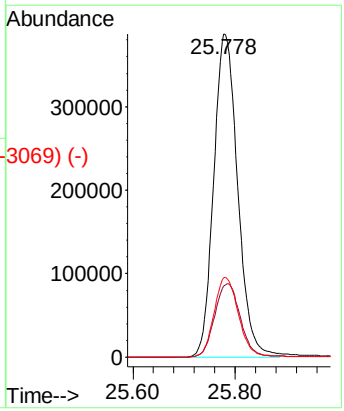




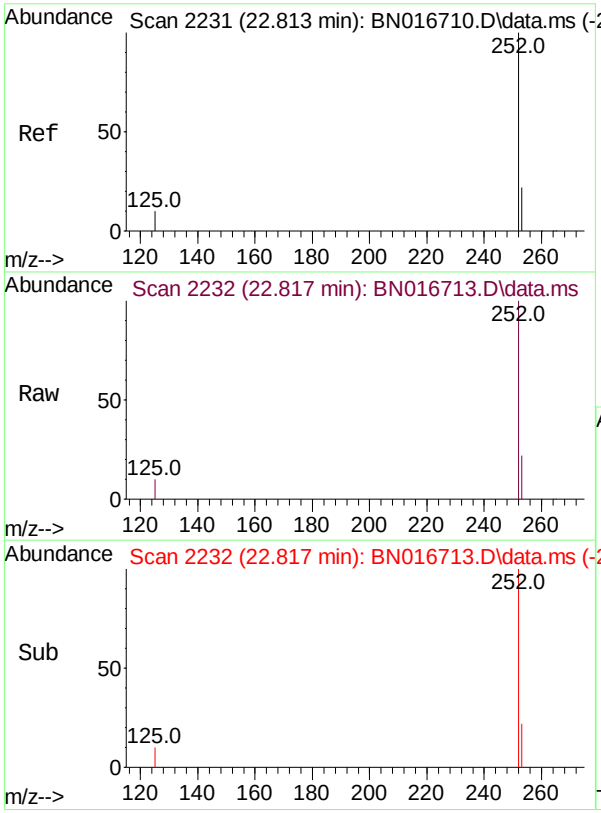
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.418 ng
RT: 25.778 min Scan# 3097
Delta R.T. -0.003 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:276 Resp: 1257539

Ion	Ratio	Lower	Upper
276	100		
138	24.3	19.2	28.8
277	25.1	20.0	30.0



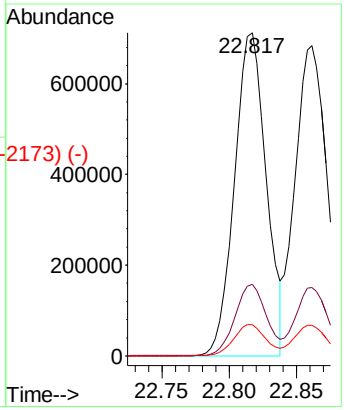
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

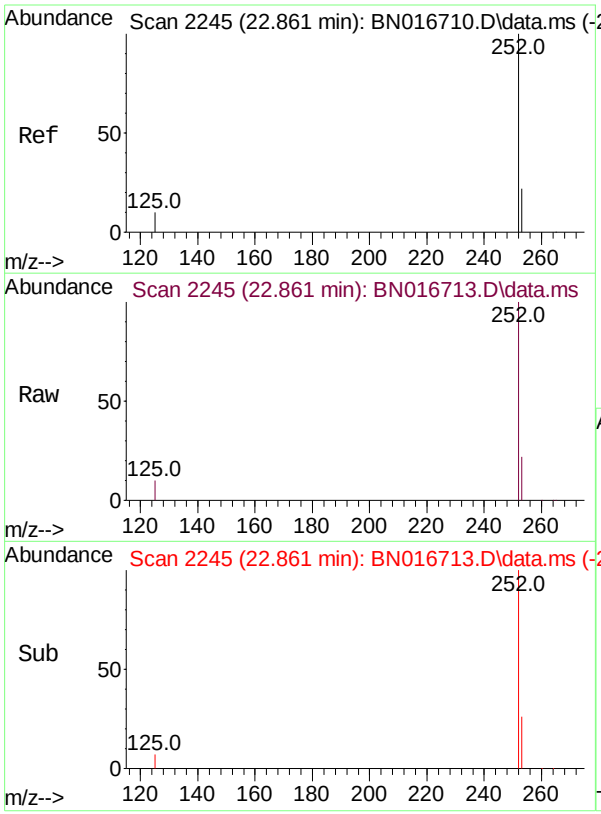


#37
Benzo(b)fluoranthene
Concen: 3.510 ng
RT: 22.817 min Scan# 2232
Delta R.T. 0.004 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:252 Resp: 1163040

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.7	8.3	12.5

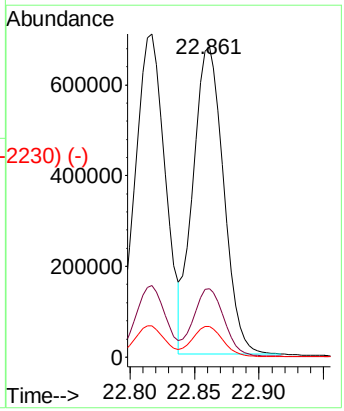




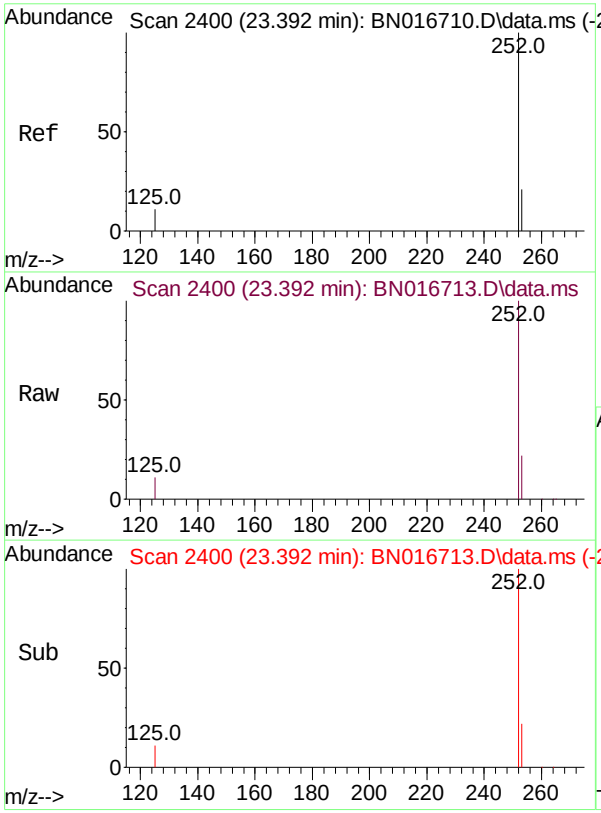
#38
Benzo(k)fluoranthene
Concen: 3.425 ng
RT: 22.861 min Scan# 2245
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:252 Resp: 1121425

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.8	8.5	12.7



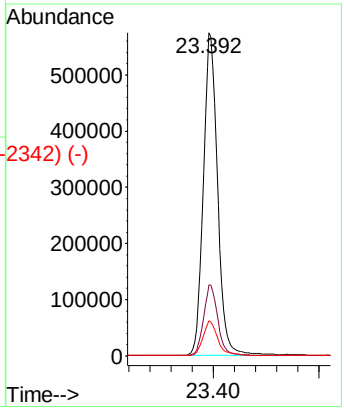
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

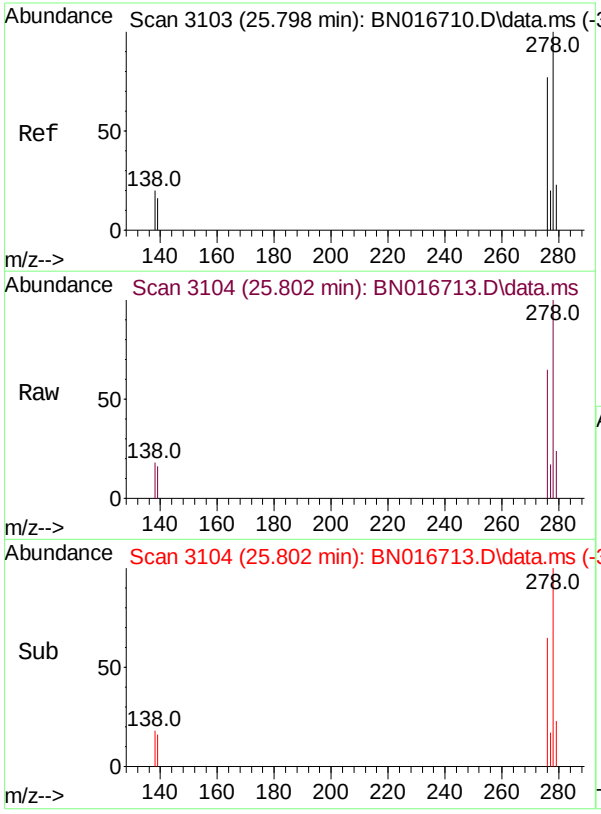


#39
Benzo(a)pyrene
Concen: 3.631 ng
RT: 23.392 min Scan# 2400
Delta R.T. 0.000 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:252 Resp: 1071702

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	10.9	9.4	14.2

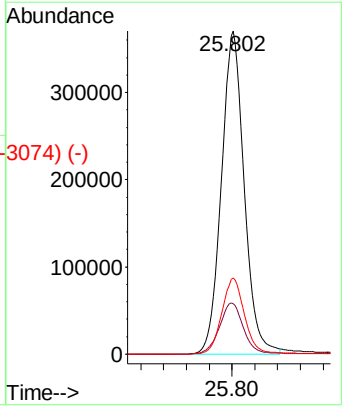


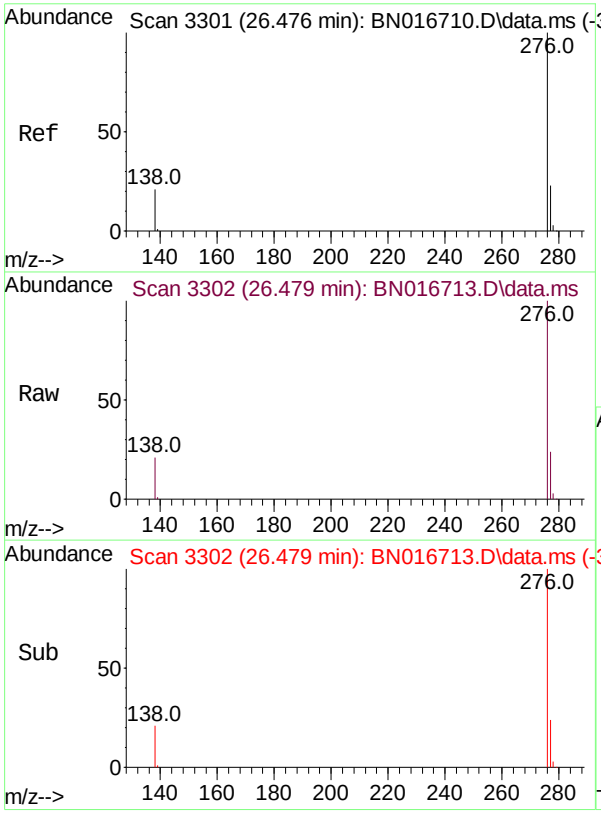


#40
Dibenzo(a,h)anthracene
Concen: 3.434 ng
RT: 25.802 min Scan# 3104
Delta R.T. 0.004 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:278 Resp: 1019447

Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.1	19.7
279	23.5	19.3	28.9

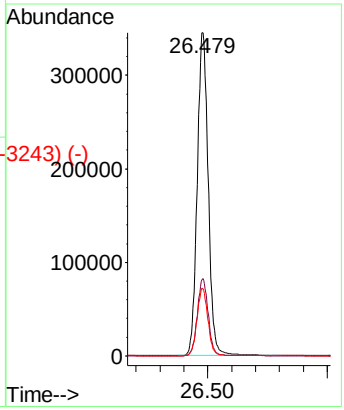




#41
Benzo(g,h,i)perylene
Concen: 3.391 ng
RT: 26.479 min Scan# 3302
Delta R.T. 0.004 min
Lab File: BN016713.D
Acq: 04 Oct 2021 16:31

Tgt Ion:276 Resp: 1103252

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



Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2