Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016797.D
Acq On : 07 Oct 2021 02:31
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 07 04:11:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	19172	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	86123	0.400	ng	# 0.00
13) Acenaphthene-d10	14.268	164	46378	0.400	ng	0.00
19) Phenanthrene-d10	17.017	188	89205	0.400	ng	0.00
29) Chrysene-d12	21.227	240	93961	0.400	ng	0.00
35) Perylene-d12	23.474	264	100959	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.245	112	19782	0.404	ng	0.00
5) Phenol-d6	6.812	99	22112	0.407	ng	0.00
8) Nitrobenzene-d5	8.771	82	22029	0.365	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	51059	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.765	330	9122	0.458	ng	0.00
15) 2-Fluorobiphenyl	12.885	172	72900	0.393	ng	0.00
27) Fluoranthene-d10	19.058	212	97703	0.400	ng	0.00
31) Terphenyl-d14	19.673	244	85643	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	3317	0.371	ng	# 73
3) n-Nitrosodimethylamine	3.576	42	5951	0.412	ng	# 100
6) bis(2-Chloroethyl)ether	7.070	93	21551	0.414	ng	100
9) Naphthalene	10.444	128	91991	0.390	ng	100
10) Hexachlorobutadiene	10.736	225	17847	0.405	ng	# 100
12) 2-Methylnaphthalene	12.069	142	60906	0.407	ng	100
16) Acenaphthylene	13.977	152	78910	0.385	ng	100
17) Acenaphthene	14.332	154	53484	0.395	ng	100
18) Fluorene	15.321	166	65713	0.403	ng	100
20) 4,6-Dinitro-2-methylph...	15.410	198	3343	0.685	ng	# 66
21) 4-Bromophenyl-phenylether	16.214	248	21596	0.397	ng	# 89
22) Hexachlorobenzene	16.323	284	25667	0.417	ng	98
23) Atrazine	16.494	200	15449	0.359	ng	97
24) Pentachlorophenol	16.676	266	9031	0.640	ng	99
25) Phenanthrene	17.054	178	106998	0.408	ng	100
26) Anthracene	17.151	178	90338	0.386	ng	100
28) Fluoranthene	19.087	202	122359	0.420	ng	100
30) Pyrene	19.455	202	123566	0.400	ng	100
32) Benzo(a)anthracene	21.206	228	120463	0.413	ng	99
33) Chrysene	21.259	228	126932	0.429	ng	99
34) Bis(2-ethylhexyl)phtha...	21.163	149	52282	0.296	ng	100
36) Indeno(1,2,3-cd)pyrene	25.750	276	156384	0.488	ng	99
37) Benzo(b)fluoranthene	22.796	252	134328	0.411	ng	99
38) Benzo(k)fluoranthene	22.841	252	135107	0.431	ng	99
39) Benzo(a)pyrene	23.375	252	121944	0.417	ng	99
40) Dibenzo(a,h)anthracene	25.771	278	127896	0.503	ng	99
41) Benzo(g,h,i)perylene	26.445	276	129055	0.454	ng	99

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

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QLast Update : Wed Oct 06 14:22:07 2021
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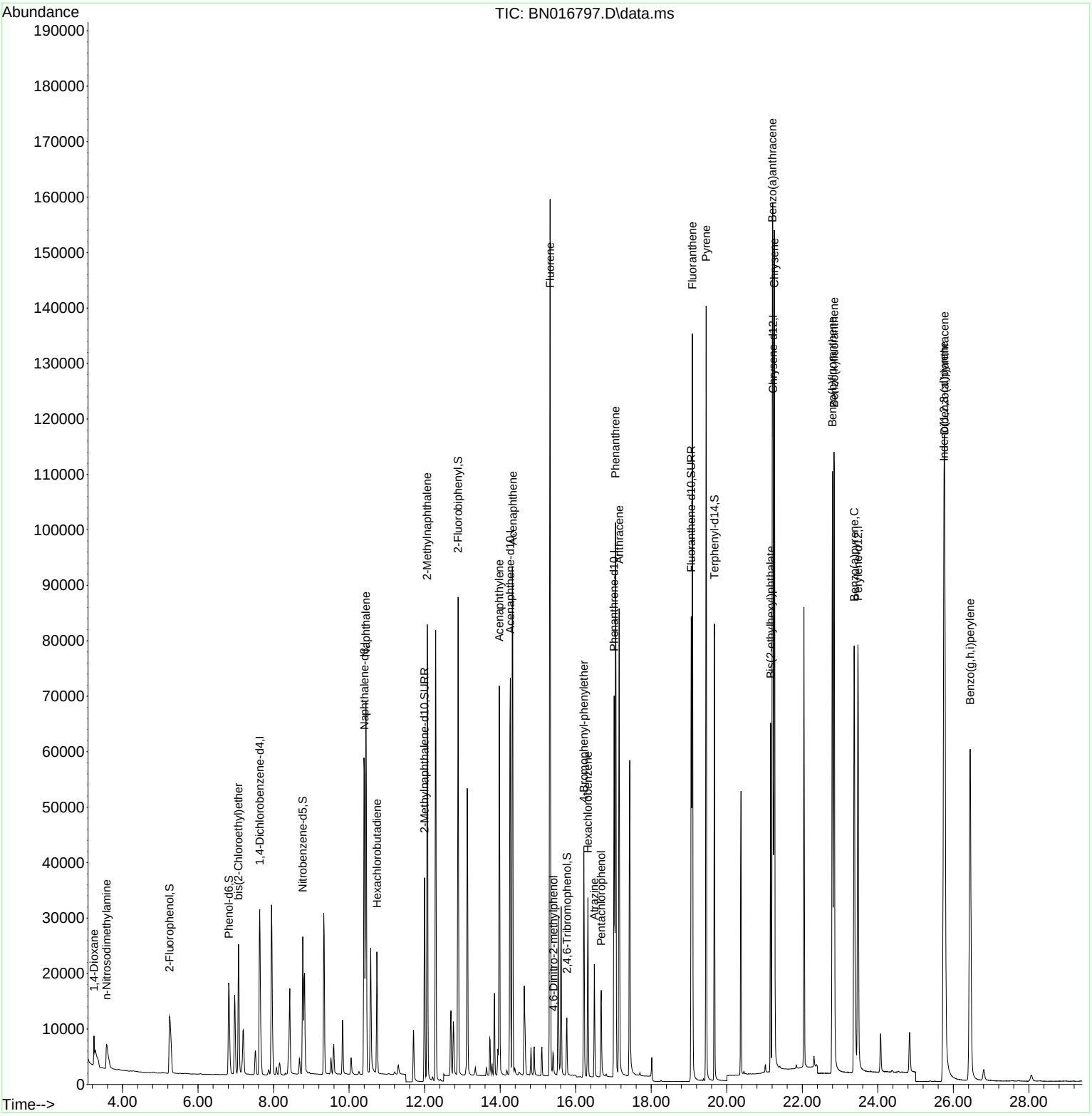

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BNA_N
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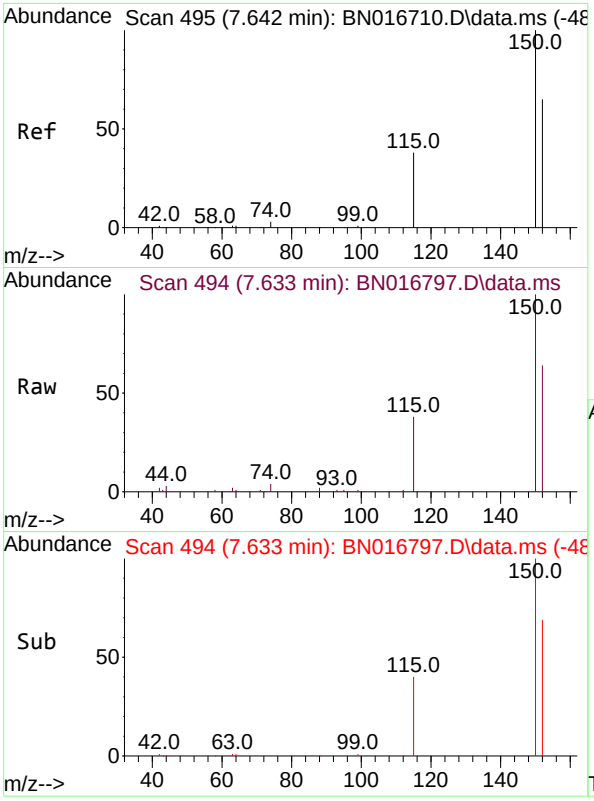
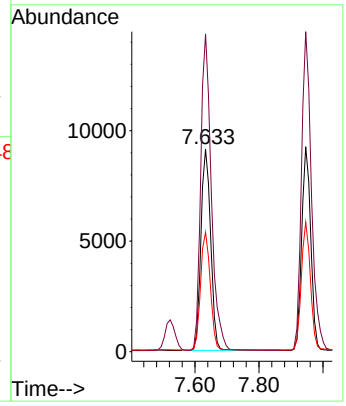
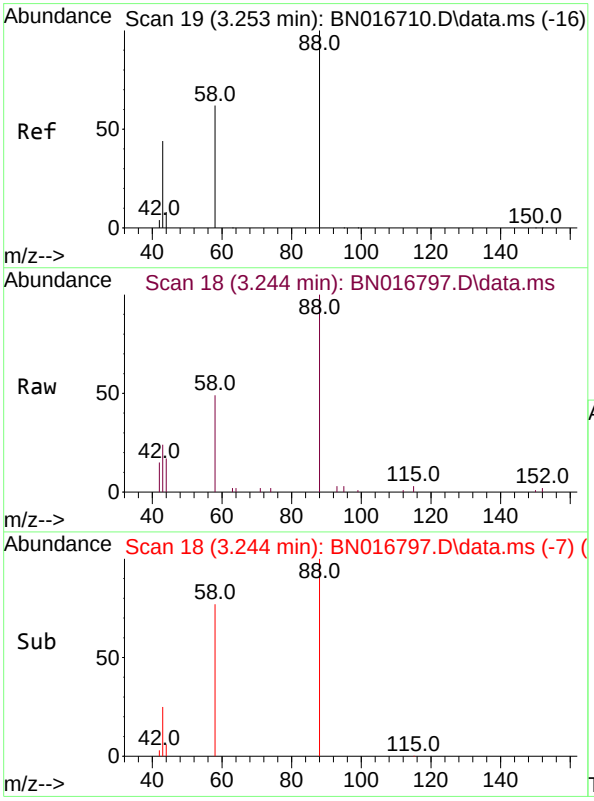


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:152 Resp: 19172

Ion	Ratio	Lower	Upper
152	100		
150	156.9	123.3	184.9
115	59.0	47.0	70.6

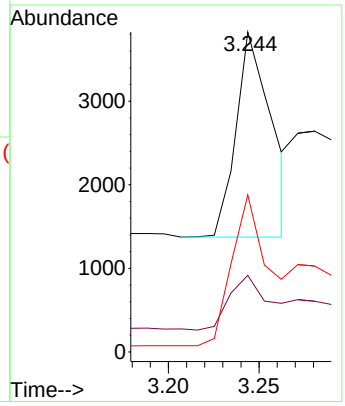




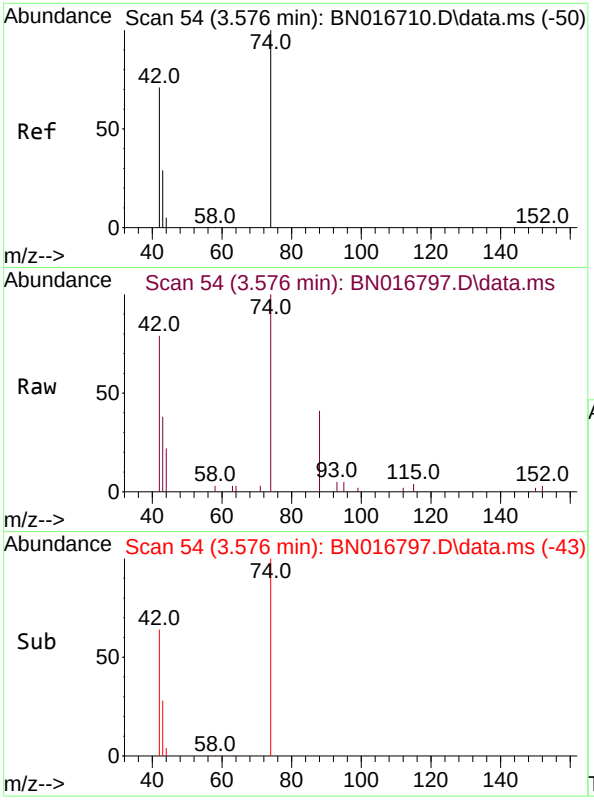
#2
1,4-Dioxane
Concen: 0.371 ng
RT: 3.244 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion: 88 Resp: 3317

Ion	Ratio	Lower	Upper
88	100		
43	30.1	61.7	92.5#
58	77.3	62.2	93.2



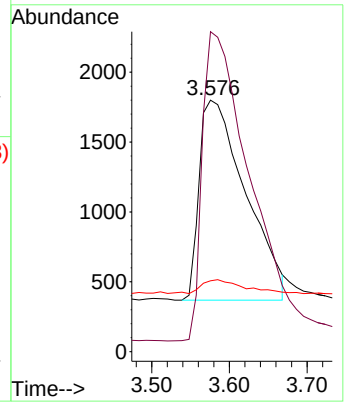
Instrument :
BNA_N
ClientSampleId :

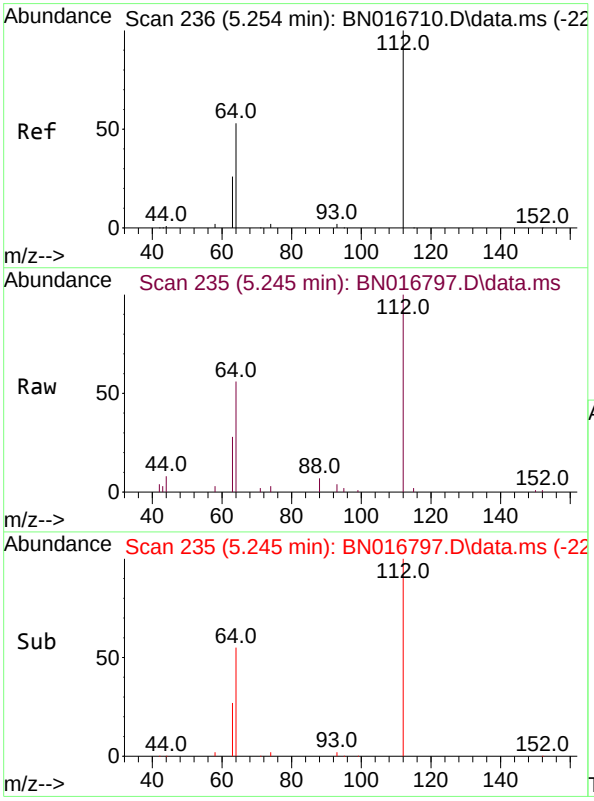


#3
n-Nitrosodimethylamine
Concen: 0.412 ng
RT: 3.576 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion: 42 Resp: 5951

Ion	Ratio	Lower	Upper
42	100		
74	154.6	124.0	186.0
44	5.6	5.6	8.4#

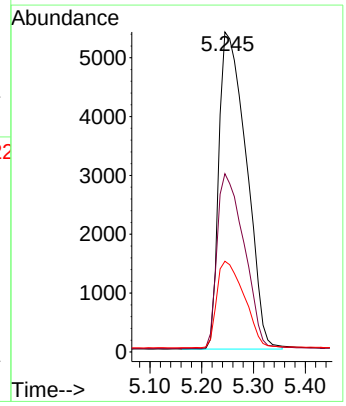


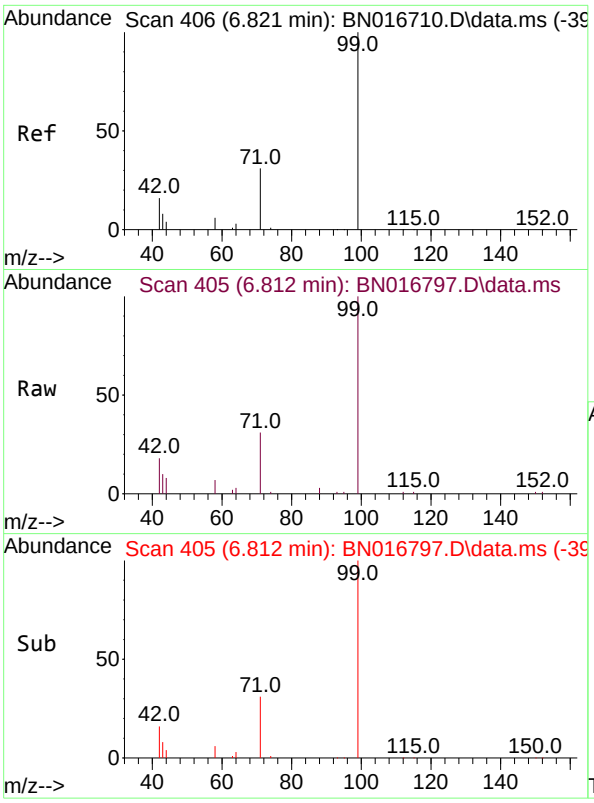


#4
2-Fluorophenol
Concen: 0.404 ng
RT: 5.245 min Scan# 235
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:112 Resp: 19782

Ion	Ratio	Lower	Upper
112	100		
64	54.5	42.9	64.3
63	27.3	21.5	32.3

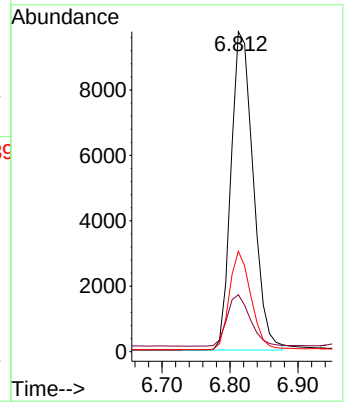




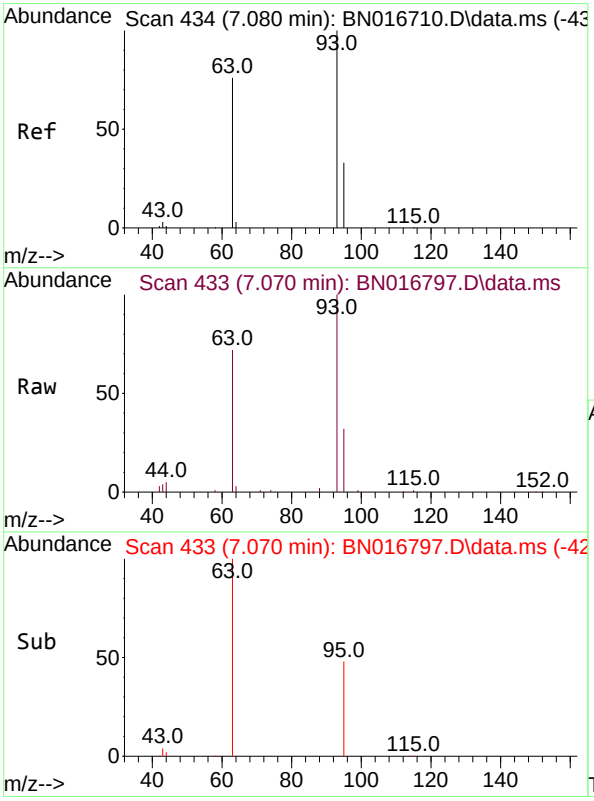
#5
Phenol-d6
Concen: 0.407 ng
RT: 6.812 min Scan# 405
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion: 99 Resp: 22112

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.2
71	30.0	24.0	36.0



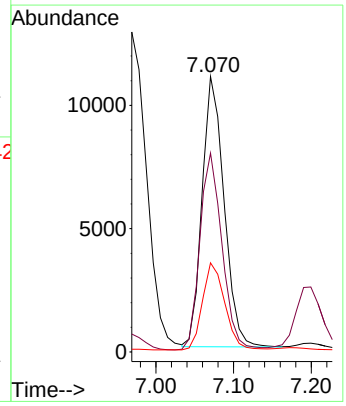
Instrument :
BNA_N
ClientSampleId :



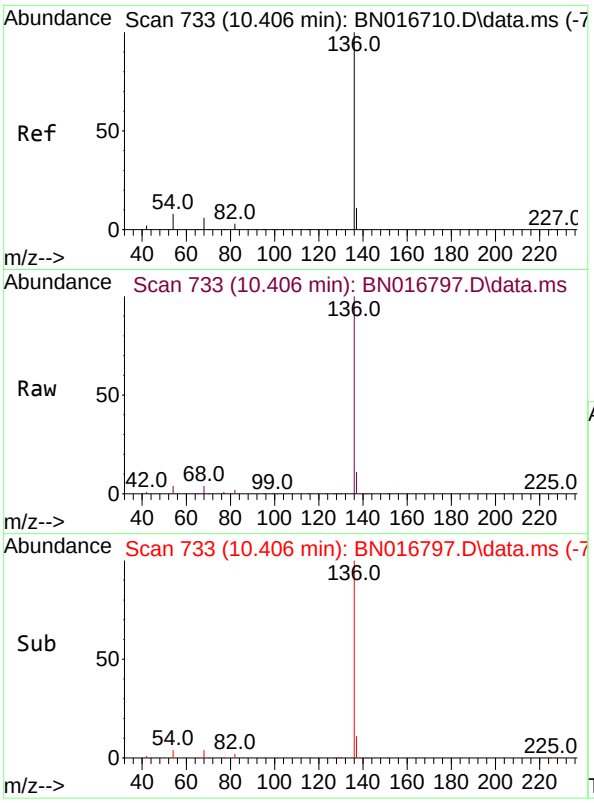
#6
bis(2-Chloroethyl)ether
Concen: 0.414 ng
RT: 7.070 min Scan# 433
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion: 93 Resp: 21551

Ion	Ratio	Lower	Upper
93	100		
63	73.4	59.0	88.6
95	32.8	26.4	39.6



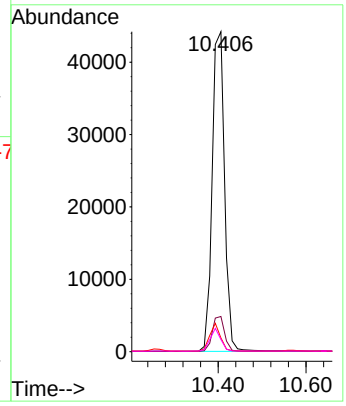
Instrument :
BNA_N
ClientSampleId :

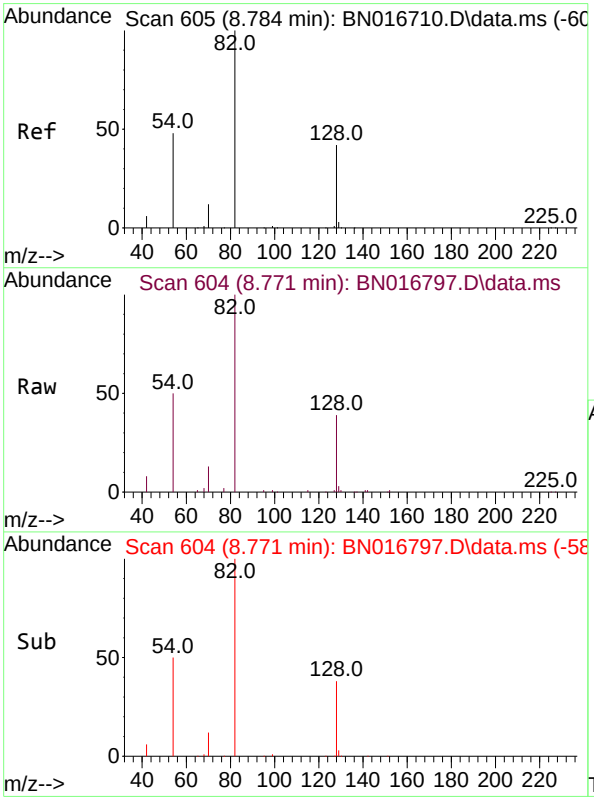


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:136 Resp: 86123

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	4.3	6.5	9.7#
68	3.8	5.3	7.9#

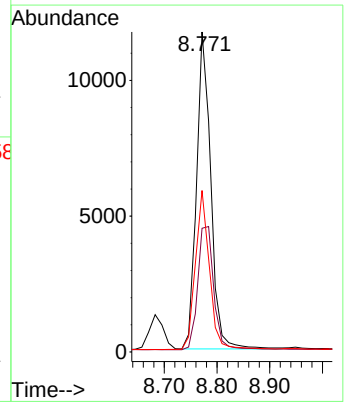


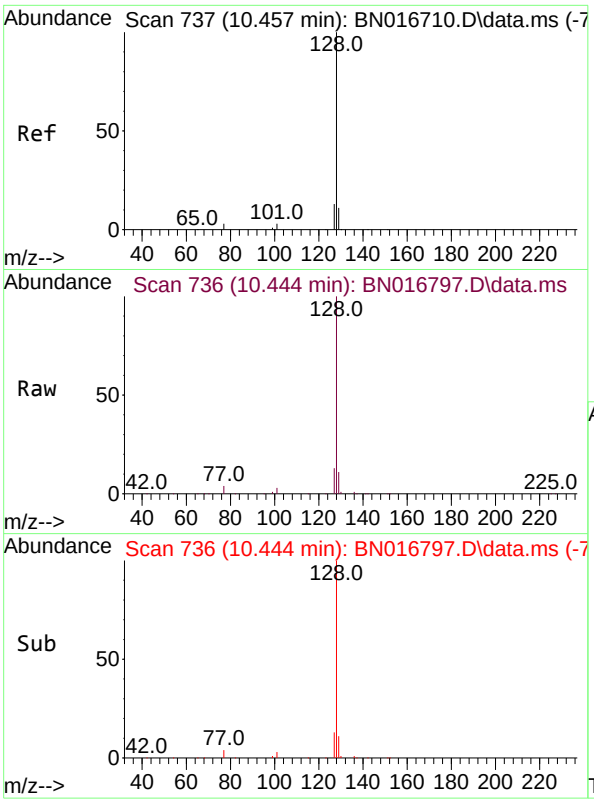


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 8.771 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion: 82 Resp: 22029

Ion	Ratio	Lower	Upper
82	100		
128	38.7	33.8	50.6
54	50.4	38.5	57.7

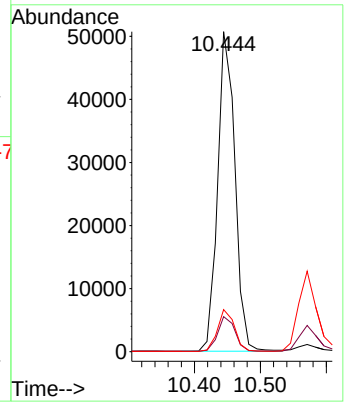




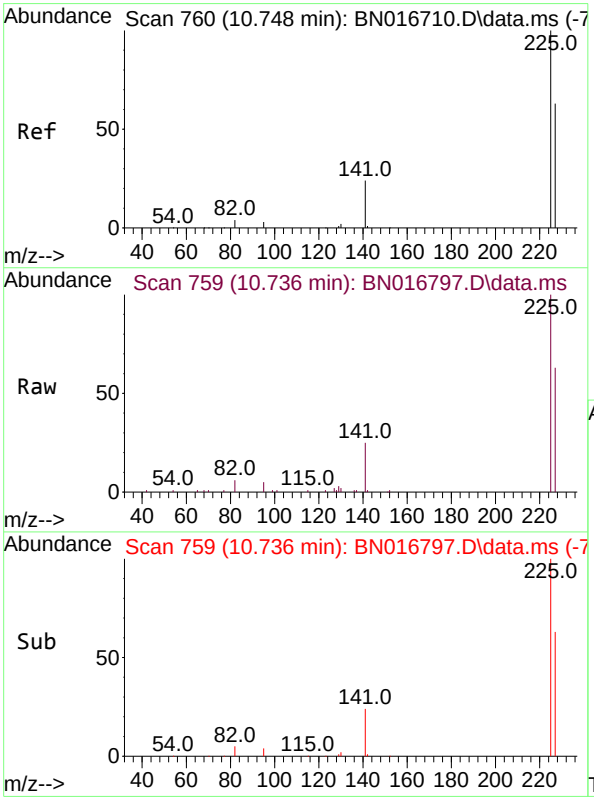
#9
Naphthalene
Concen: 0.390 ng
RT: 10.444 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:128 Resp: 91991

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.2	10.3	15.5



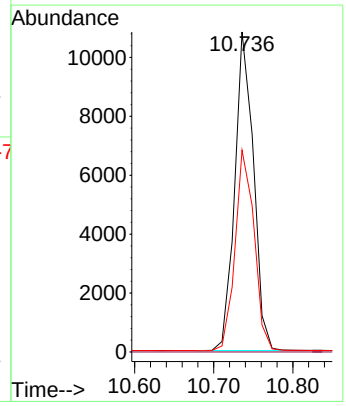
Instrument :
BNA_N
ClientSampleId :

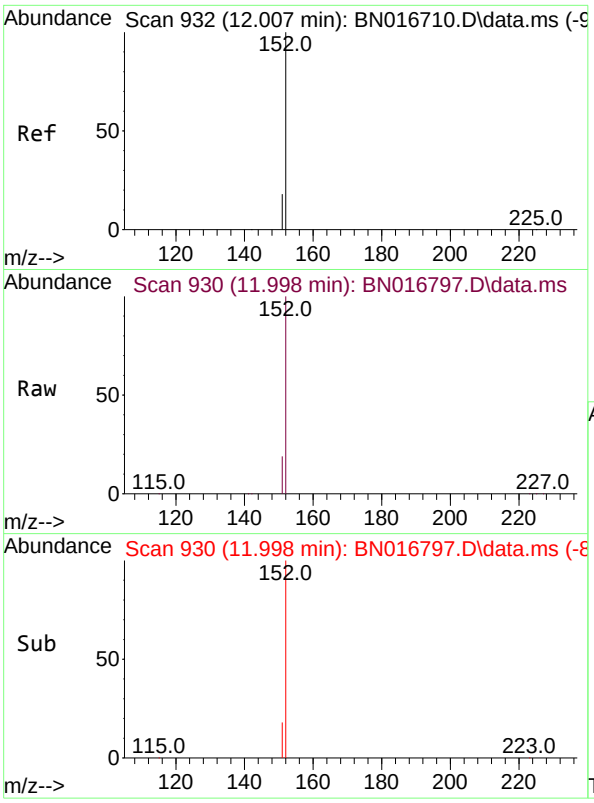


#10
Hexachlorobutadiene
Concen: 0.405 ng
RT: 10.736 min Scan# 759
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:225 Resp: 17847

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.1	76.7

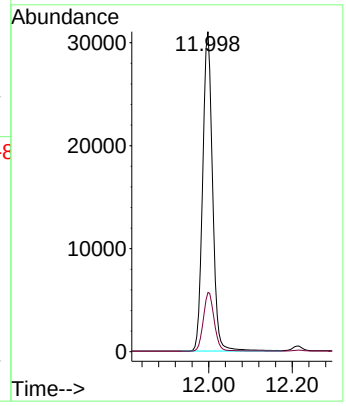




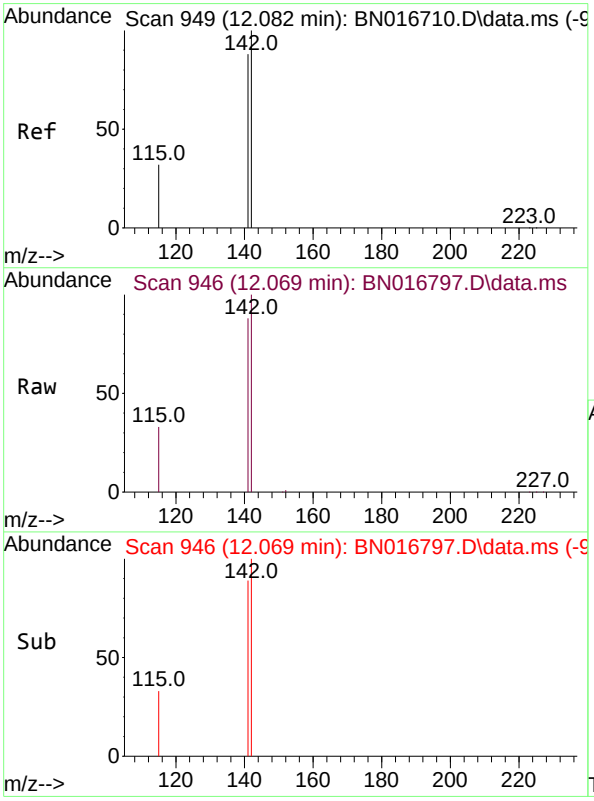
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 11.998 min Scan# 930
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:152 Resp: 51059

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4



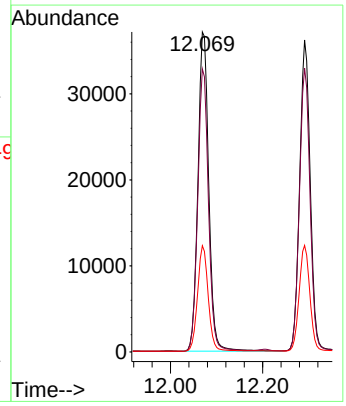
Instrument :
BNA_N
ClientSampleId :

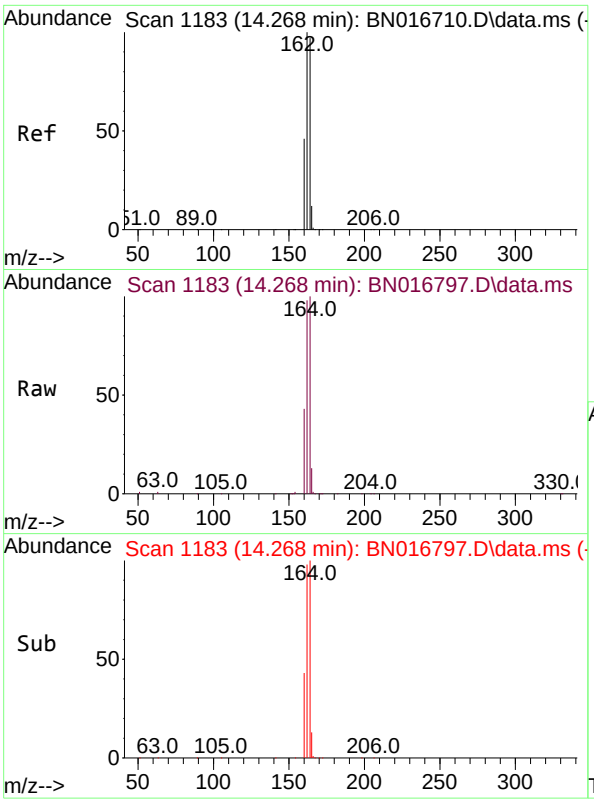


#12
2-Methylnaphthalene
Concen: 0.407 ng
RT: 12.069 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:142 Resp: 60906

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.6	106.0
115	33.2	26.1	39.1

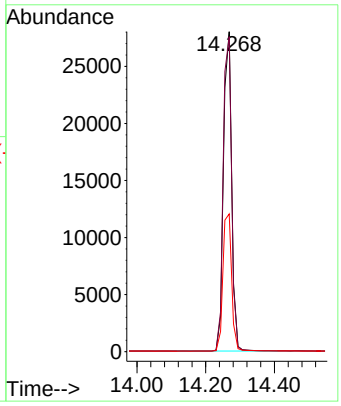




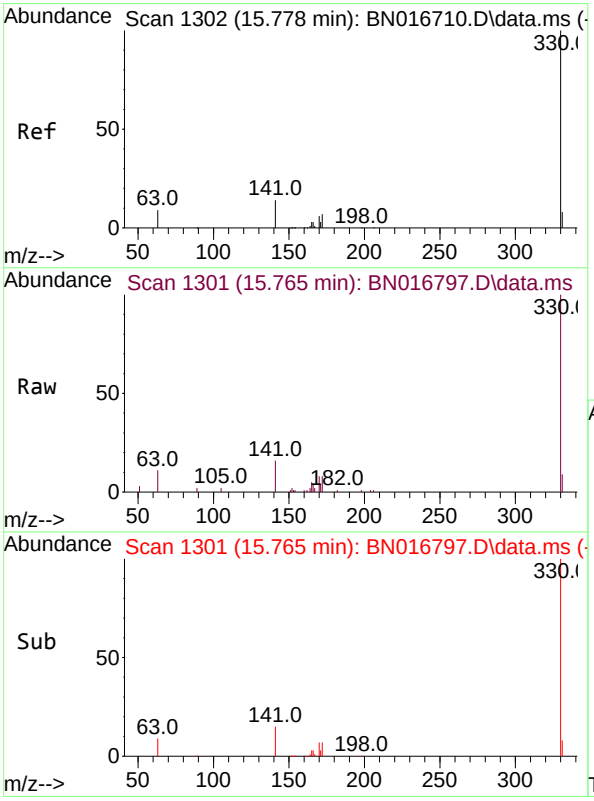
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.268 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:164 Resp: 46378

Ion	Ratio	Lower	Upper
164	100		
162	98.4	82.6	124.0
160	43.1	38.2	57.2



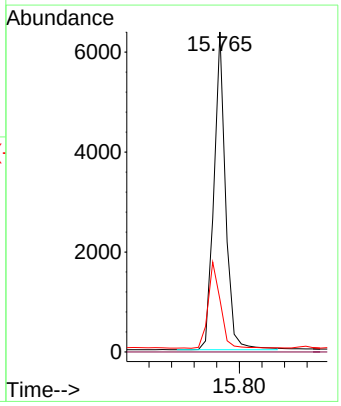
Instrument :
BNA_N
ClientSampleId :

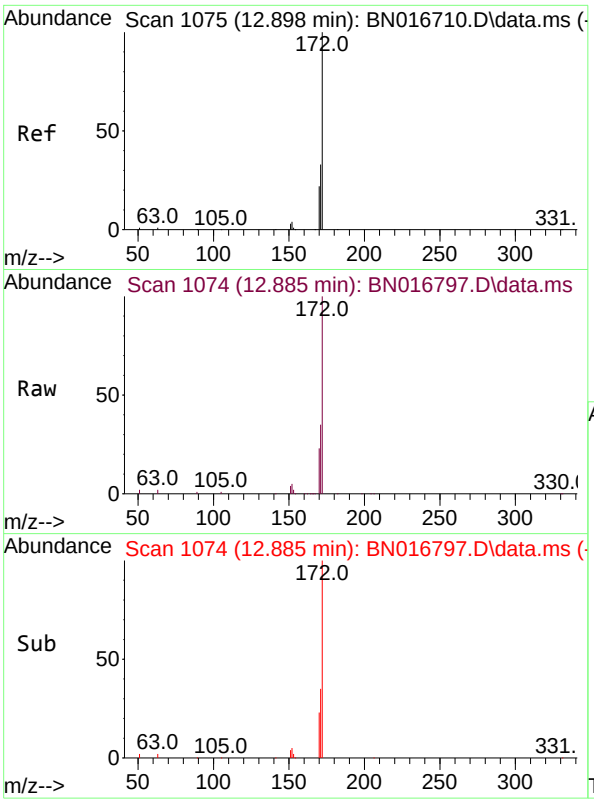


#14
2,4,6-Tribromophenol
Concen: 0.458 ng
RT: 15.765 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:330 Resp: 9122

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.3	24.2	36.2

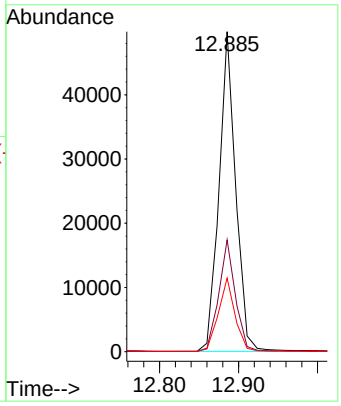




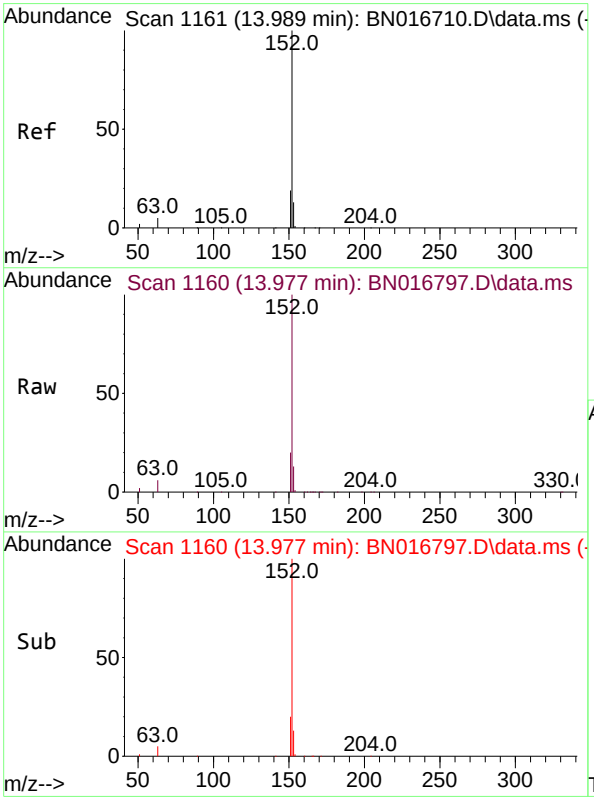
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 12.885 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:172 Resp: 72900

Ion	Ratio	Lower	Upper
172	100		
171	34.9	26.9	40.3
170	23.0	17.4	26.0



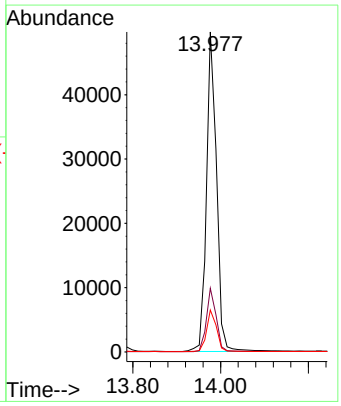
Instrument :
BNA_N
ClientSampleId :



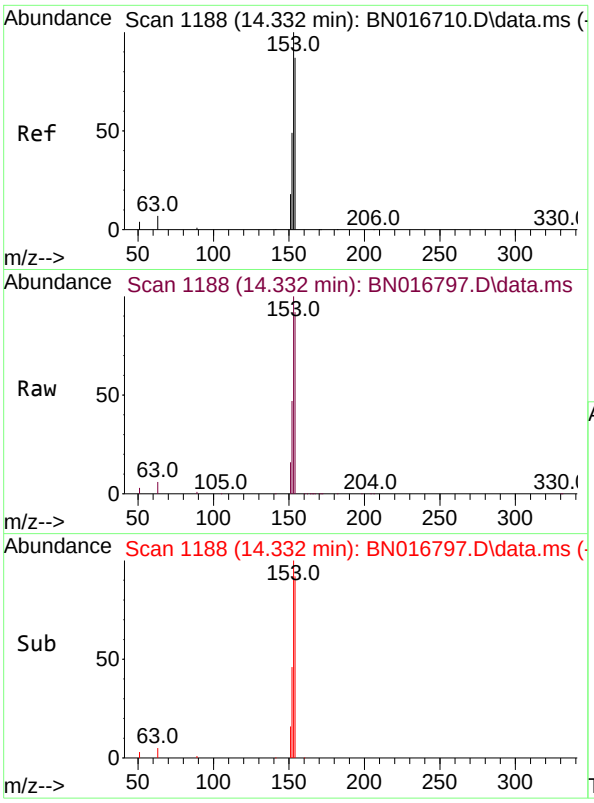
#16
Acenaphthylene
Concen: 0.385 ng
RT: 13.977 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:152 Resp: 78910

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.0	10.4	15.6



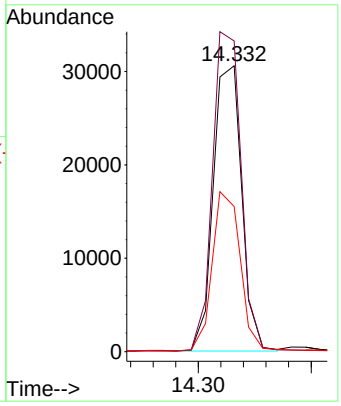
Instrument :
BNA_N
ClientSampleId :

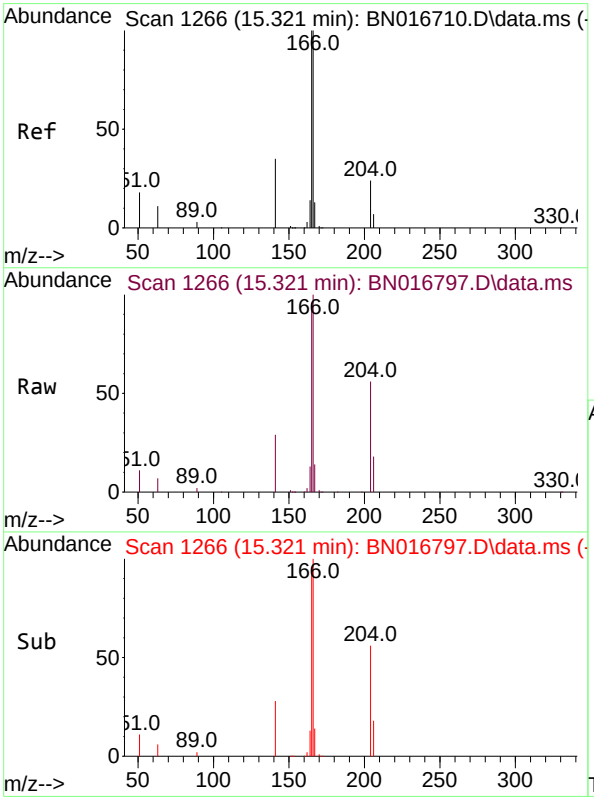


#17
Acenaphthene
Concen: 0.395 ng
RT: 14.332 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:154 Resp: 53484

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	54.9	43.6	65.4

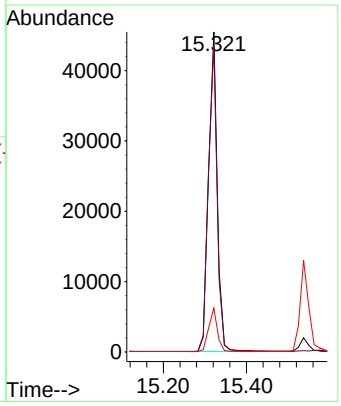




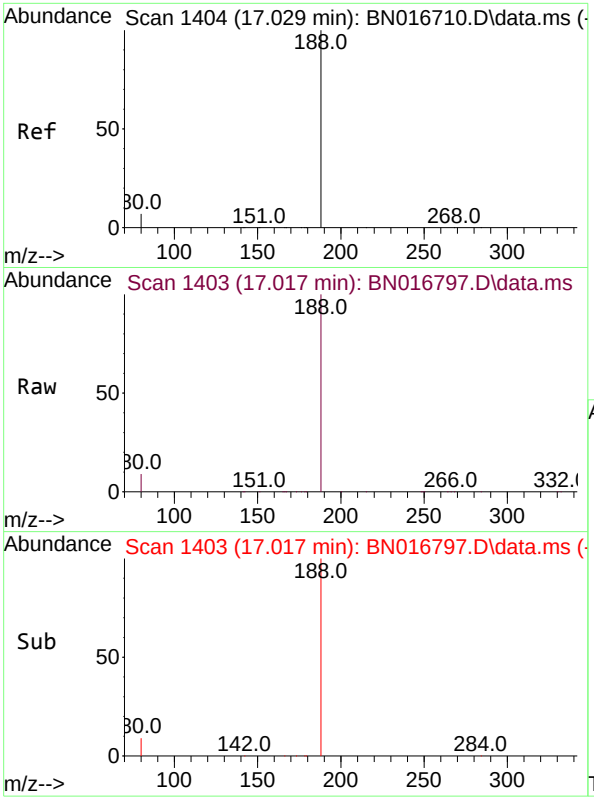
#18
Fluorene
Concen: 0.403 ng
RT: 15.321 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:166 Resp: 65713

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.1	117.1
167	13.6	10.7	16.1



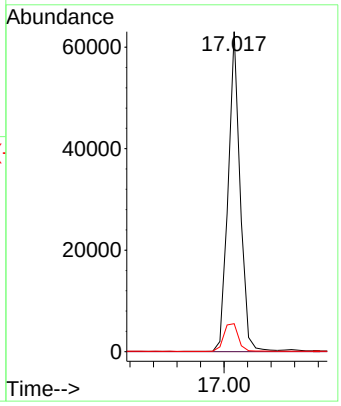
Instrument :
BNA_N
ClientSampleId :

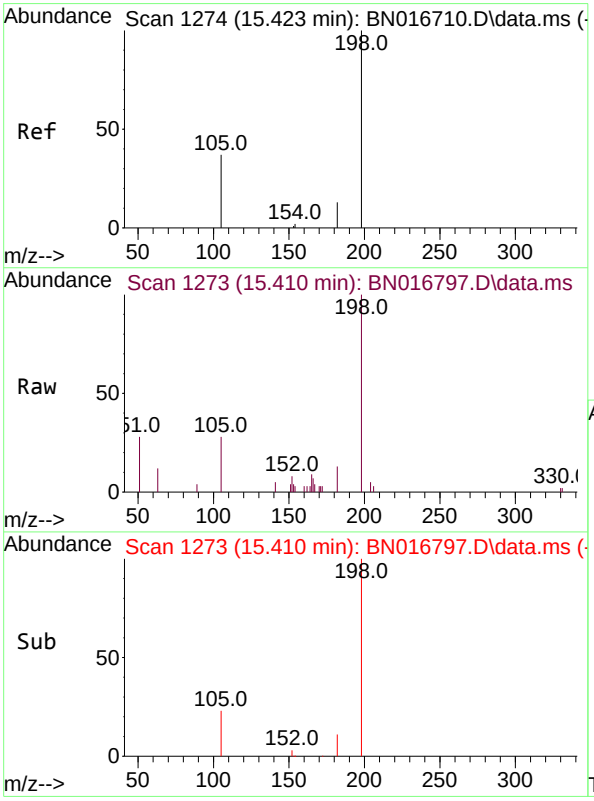


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:188 Resp: 89205

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

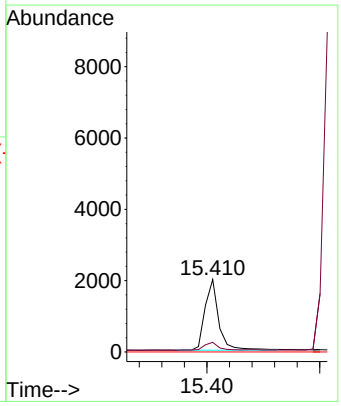


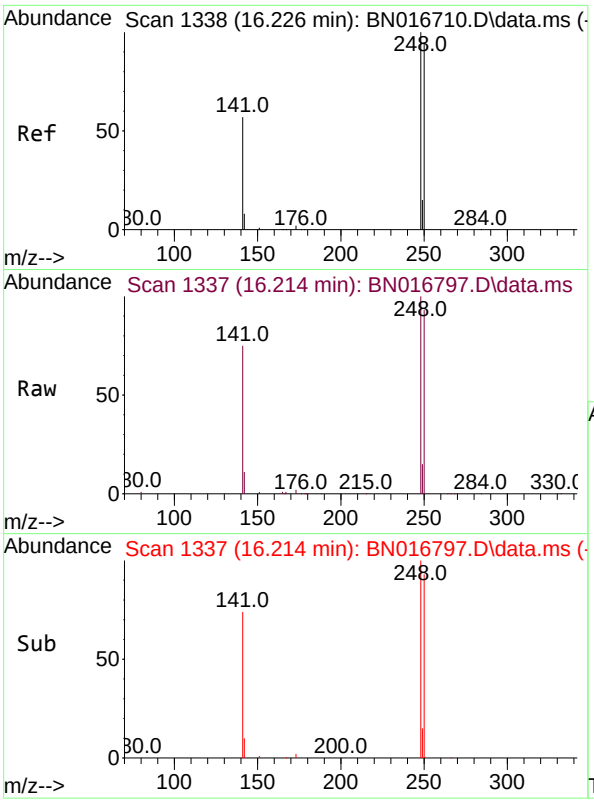


#20
4,6-Dinitro-2-methylphenol
Concen: 0.685 ng
RT: 15.410 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:198 Resp: 3343

Ion	Ratio	Lower	Upper
198	100		
182	13.3	26.2	39.2#
77	0.0	0.0	0.0

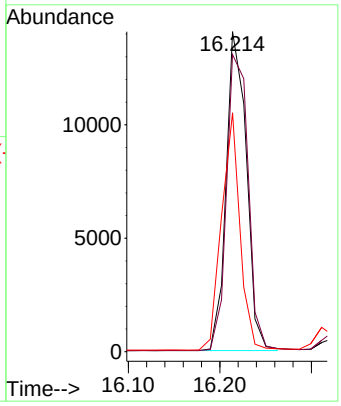




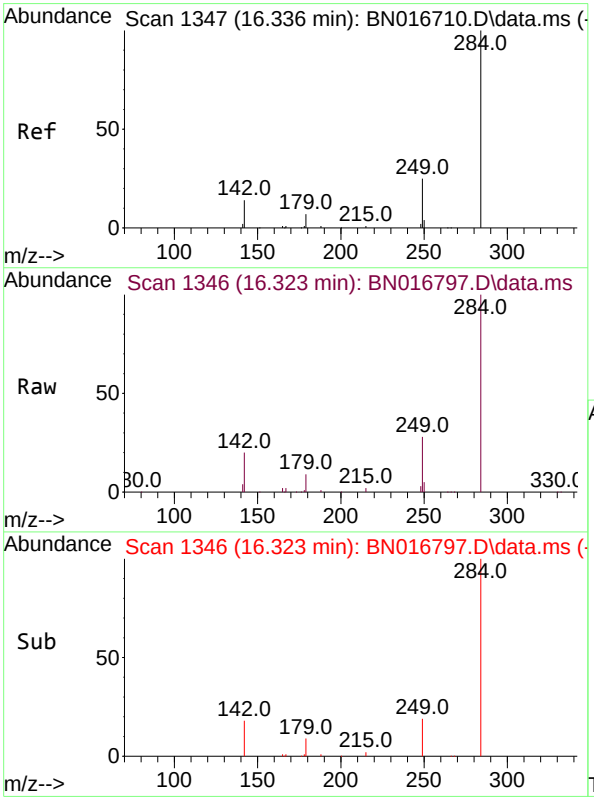
#21
4-Bromophenyl-phenylether
Concen: 0.397 ng
RT: 16.214 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:248 Resp: 21596

Ion	Ratio	Lower	Upper
248	100		
250	92.8	76.2	114.4
141	74.6	45.6	68.4#



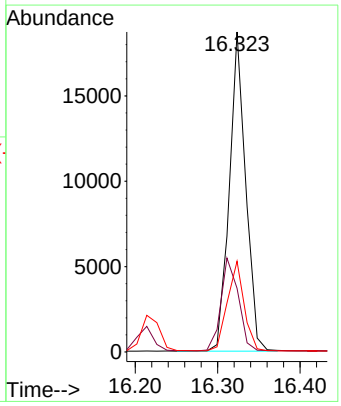
Instrument :
BNA_N
ClientSampleId :



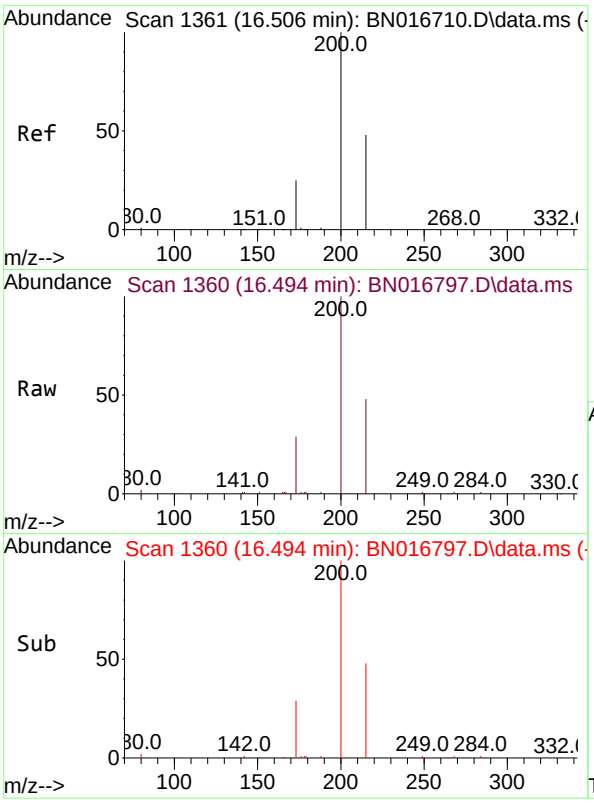
#22
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.323 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:284 Resp: 25667

Ion	Ratio	Lower	Upper
284	100		
142	31.0	25.8	38.6
249	28.6	23.3	34.9



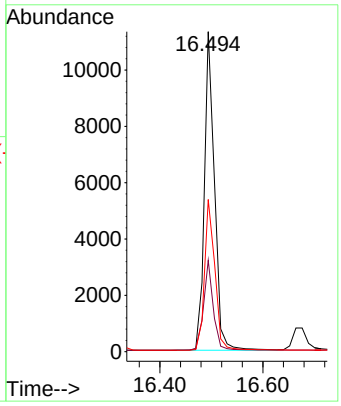
Instrument :
BNA_N
ClientSampleId :

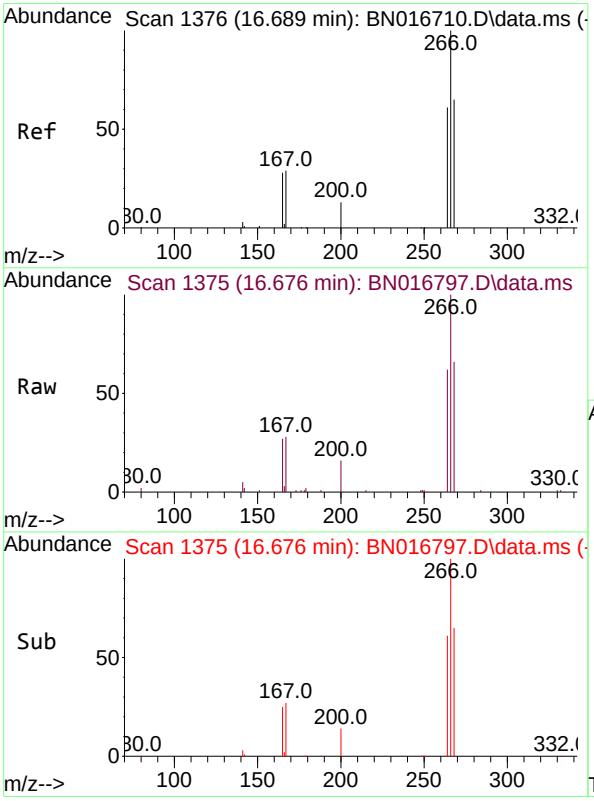


#23
Atrazine
Concen: 0.359 ng
RT: 16.494 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:200 Resp: 15449

Ion	Ratio	Lower	Upper
200	100		
173	28.6	20.1	30.1
215	47.5	38.8	58.2

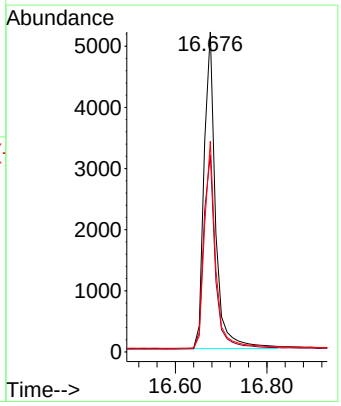


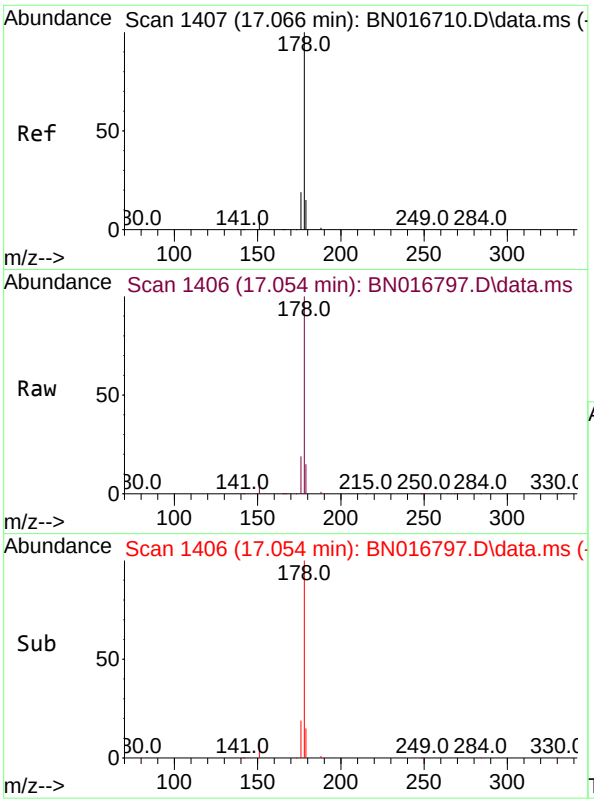


#24
Pentachlorophenol
Concen: 0.640 ng
RT: 16.676 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:266 Resp: 9031

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.3	73.9
268	63.9	51.8	77.8

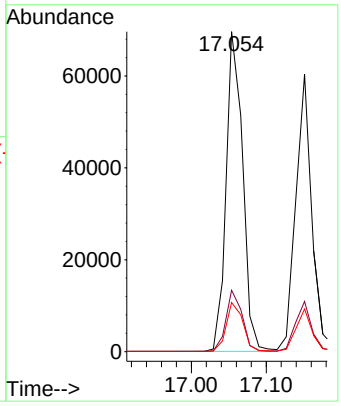




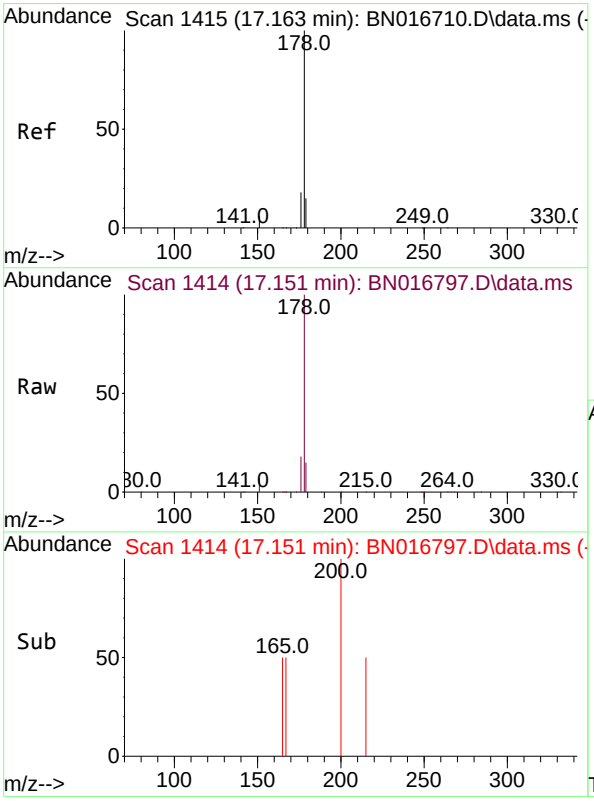
#25
Phenanthrene
Concen: 0.408 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:178 Resp: 106998

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



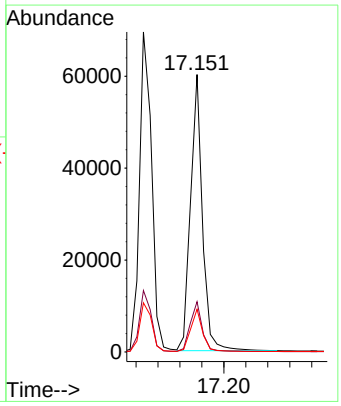
Instrument :
BNA_N
ClientSampleId :



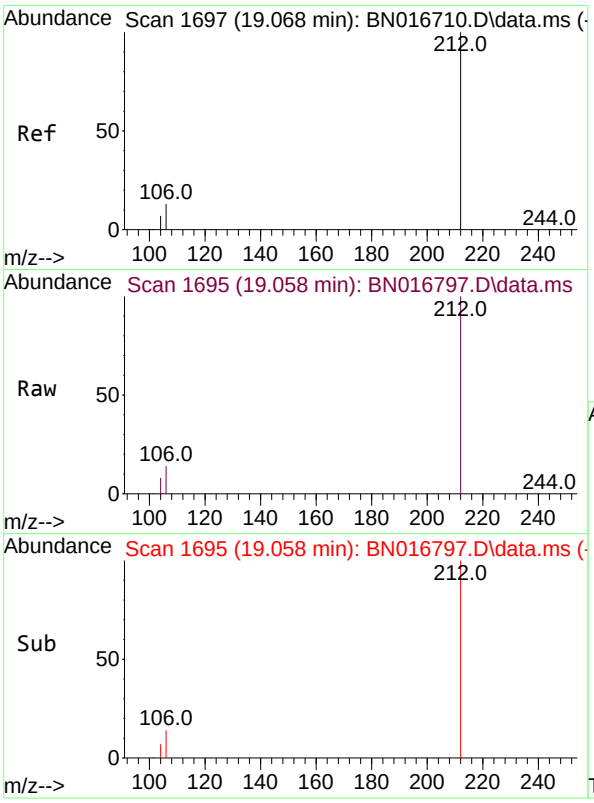
#26
Anthracene
Concen: 0.386 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:178 Resp: 90338

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.2	18.4



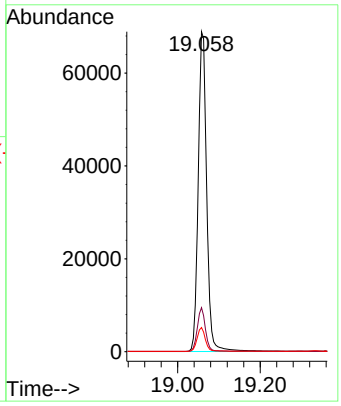
Instrument :
BNA_N
ClientSampleId :

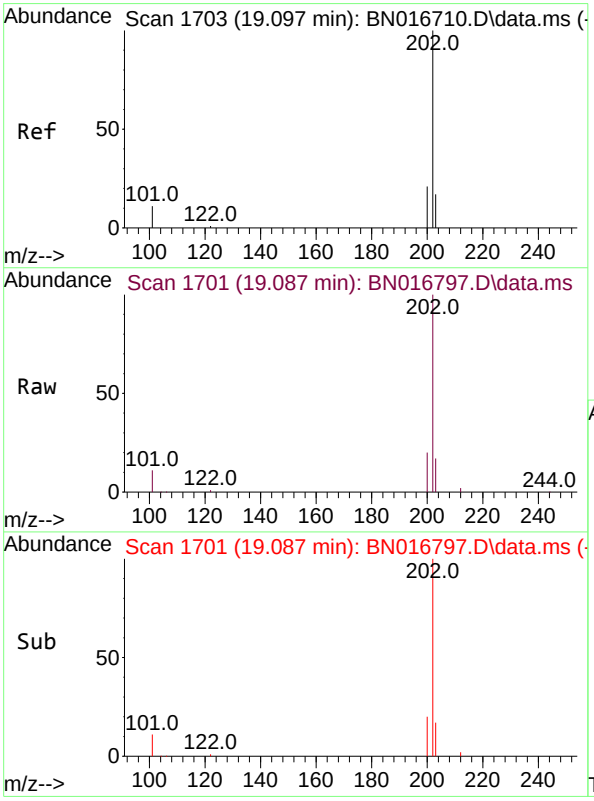


#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:212 Resp: 97703

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.6	16.0
104	7.2	5.8	8.8

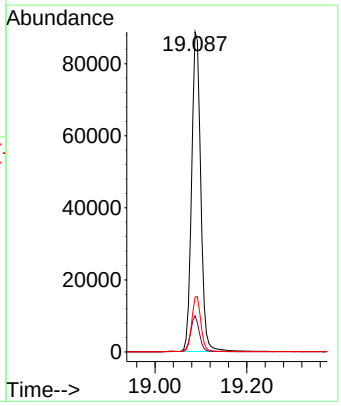




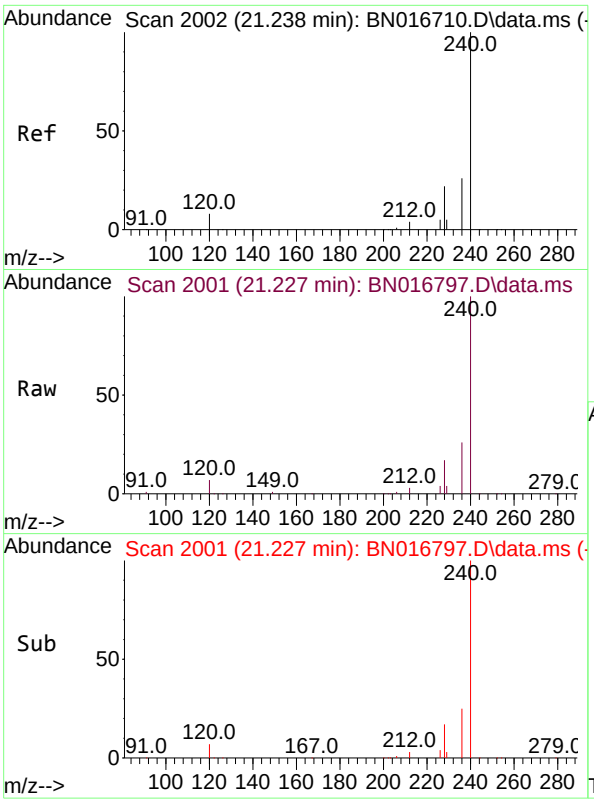
#28
Fluoranthene
Concen: 0.420 ng
RT: 19.087 min Scan# 1701
Delta R.T. -0.005 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:202 Resp: 122359

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



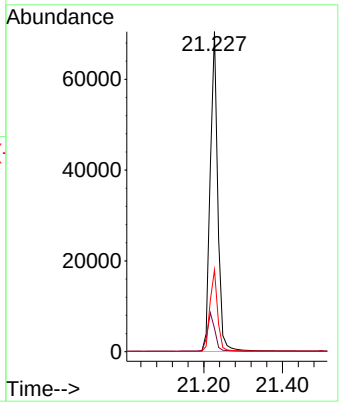
Instrument :
BNA_N
ClientSampleId :

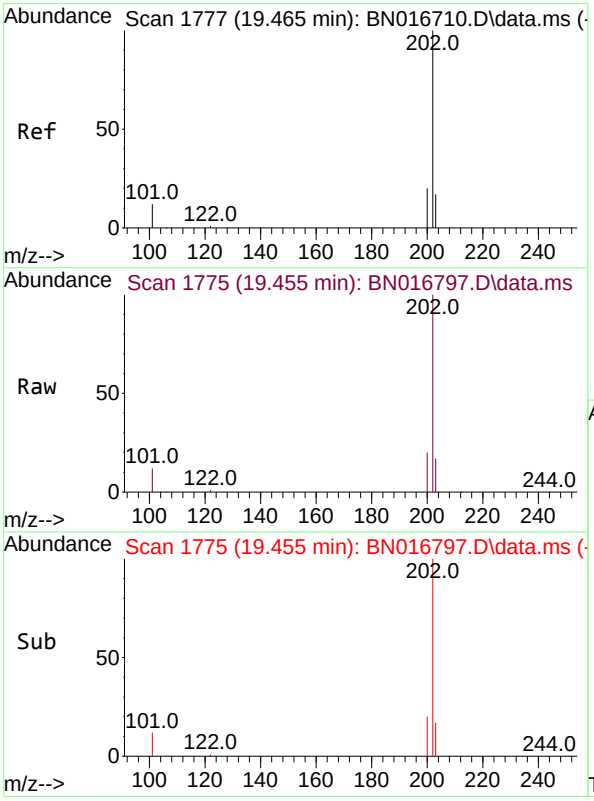


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:240 Resp: 93961

Ion	Ratio	Lower	Upper
240	100		
120	7.3	6.6	10.0
236	25.6	20.7	31.1

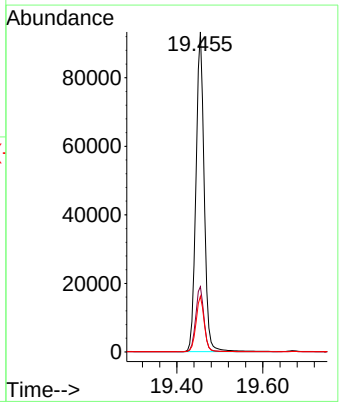


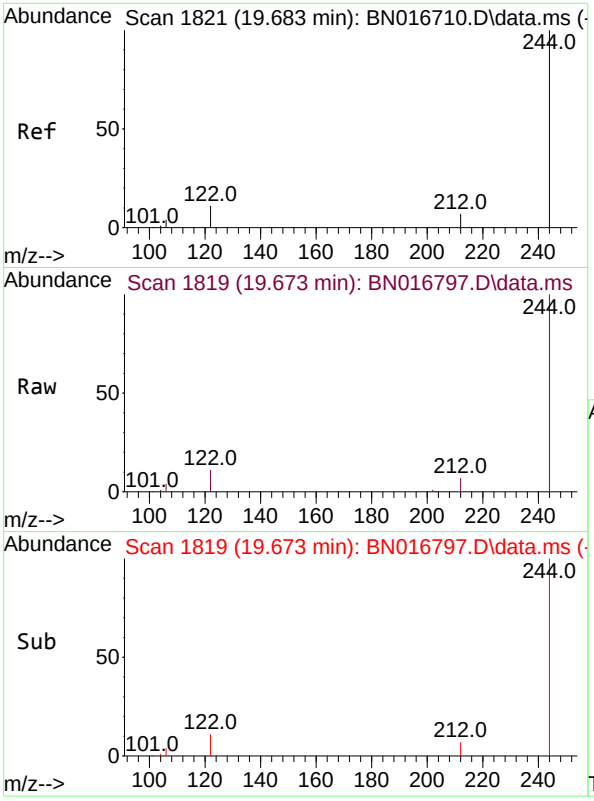


#30
Pyrene
Concen: 0.400 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:202 Resp: 123566

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	13.9	20.9

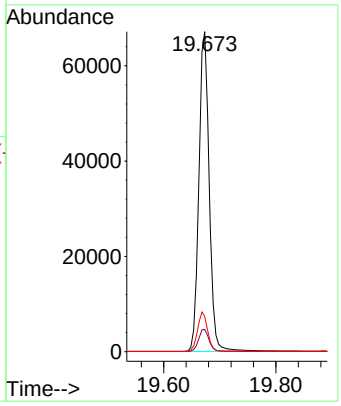


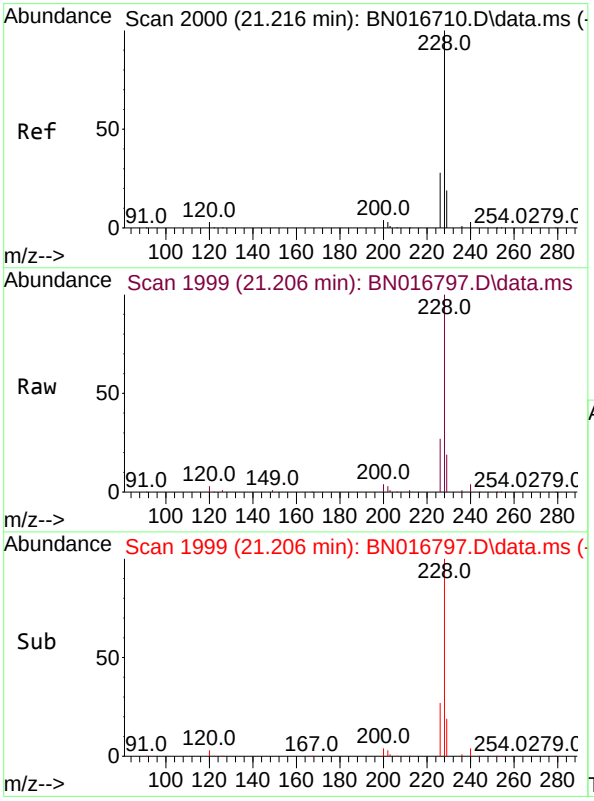


#31
Terphenyl-d14
Concen: 0.407 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:244 Resp: 85643

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.0	8.9	13.3

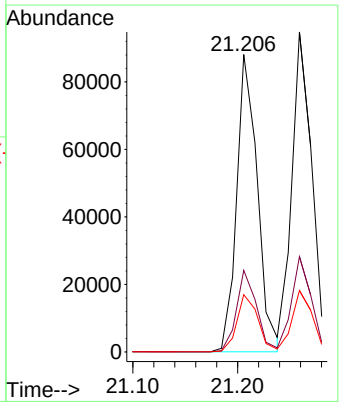




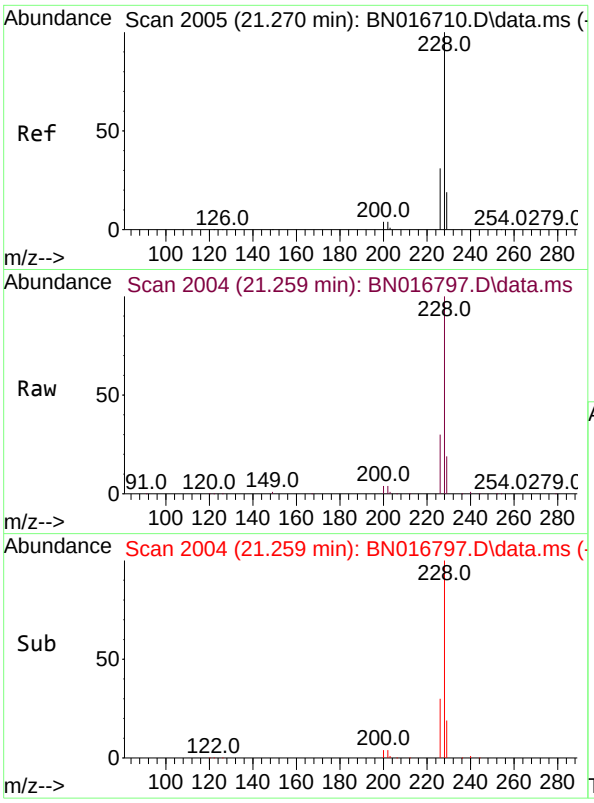
#32
Benzo(a)anthracene
Concen: 0.413 ng
RT: 21.206 min Scan# 1999
Delta R.T. -0.011 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:228 Resp: 120463

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	19.3	15.4	23.0



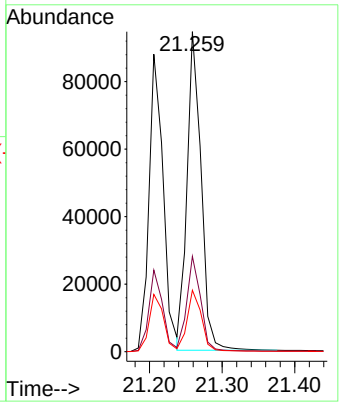
Instrument :
BNA_N
ClientSampleId :



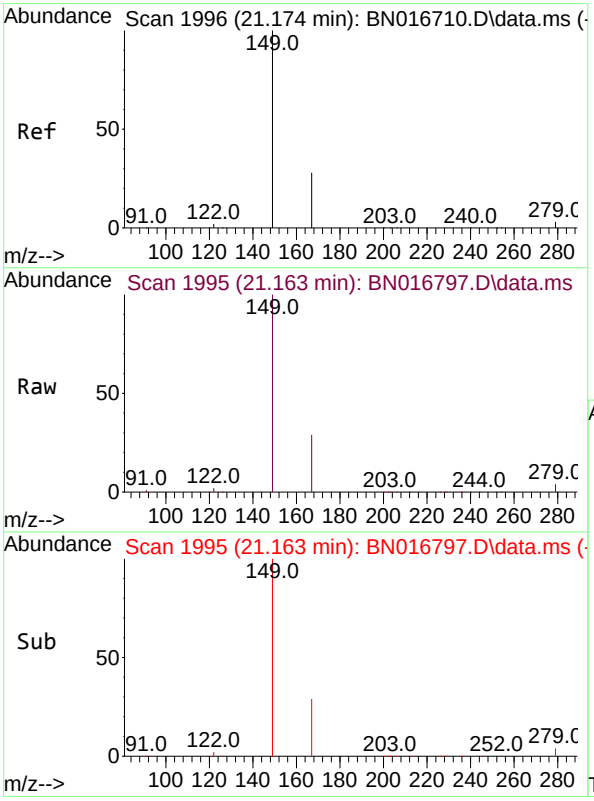
#33
Chrysene
Concen: 0.429 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.011 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:228 Resp: 126932

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	19.2	15.4	23.0



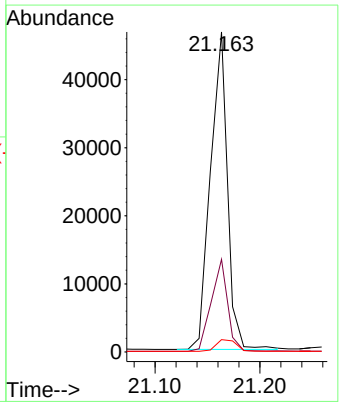
Instrument :
BNA_N
ClientSampleId :

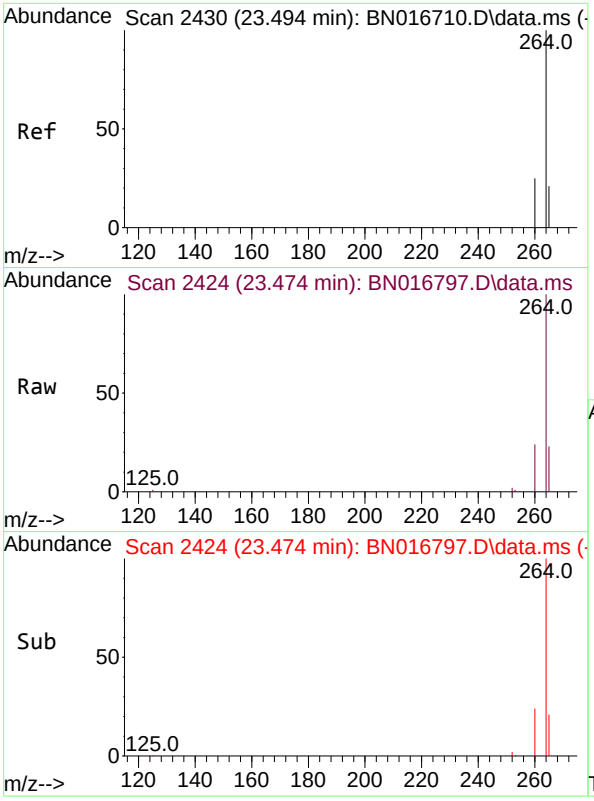


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.296 ng
RT: 21.163 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:149 Resp: 52282

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.2	33.4
279	4.4	3.4	5.2

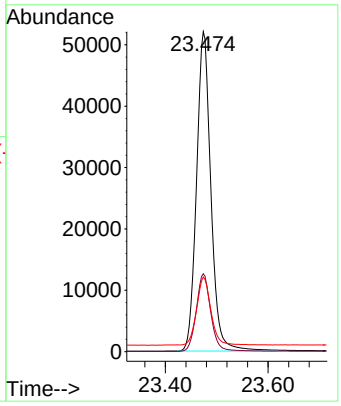




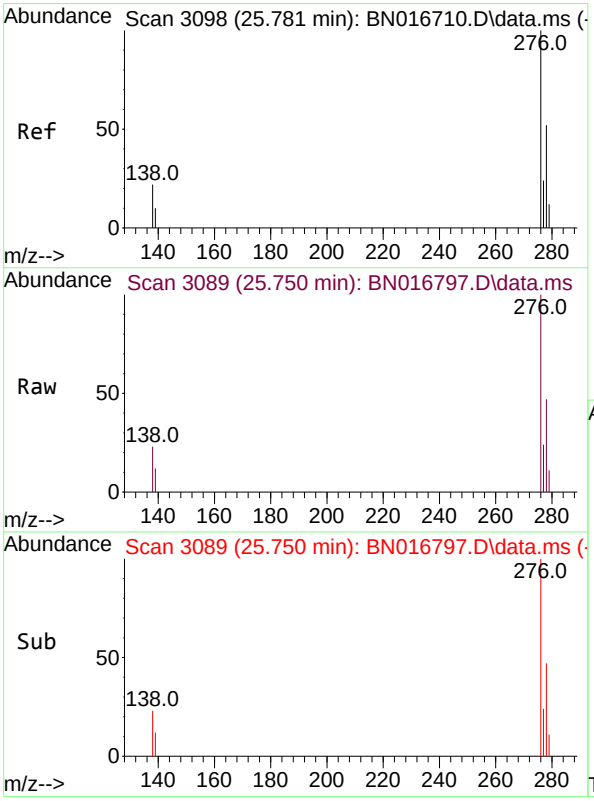
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.474 min Scan# 2424
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:264 Resp: 100959

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	23.4	20.3	30.5



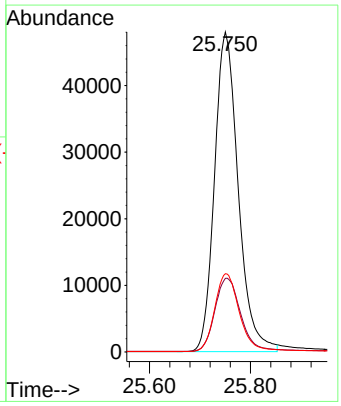
Instrument :
BNA_N
ClientSampleId :



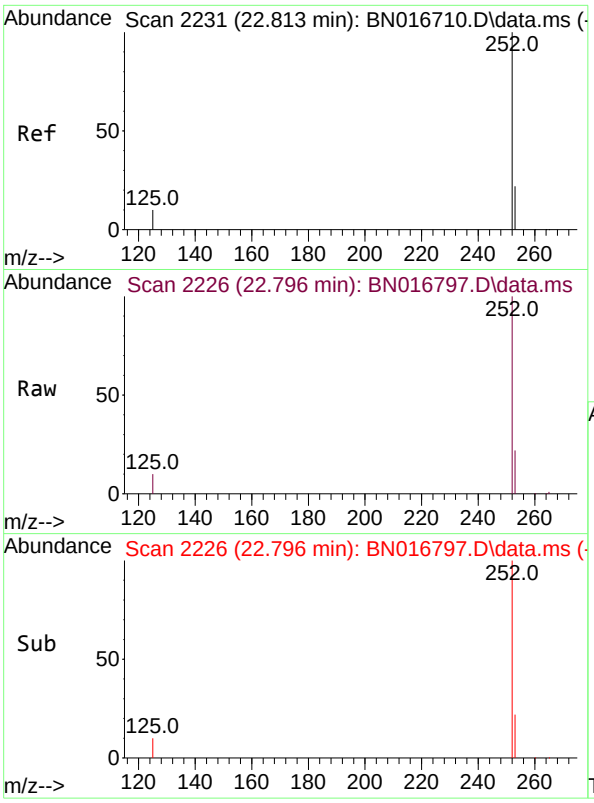
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.488 ng
RT: 25.750 min Scan# 3089
Delta R.T. -0.004 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:276 Resp: 156384

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.2	28.8
277	25.1	20.0	30.0



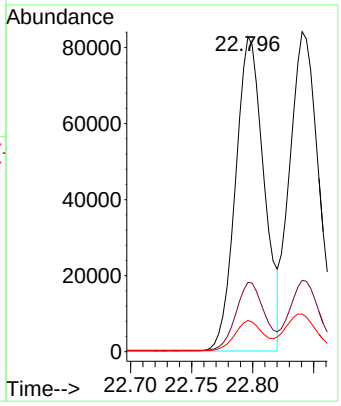
Instrument :
BNA_N
ClientSampleId :

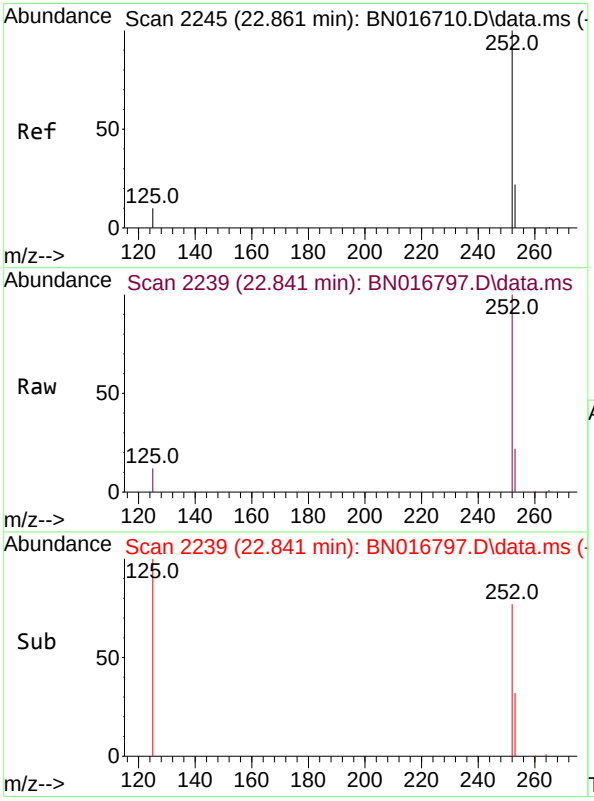


#37
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.796 min Scan# 2226
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:252 Resp: 134328

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.9	8.3	12.5

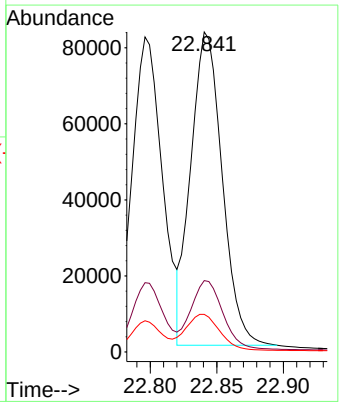


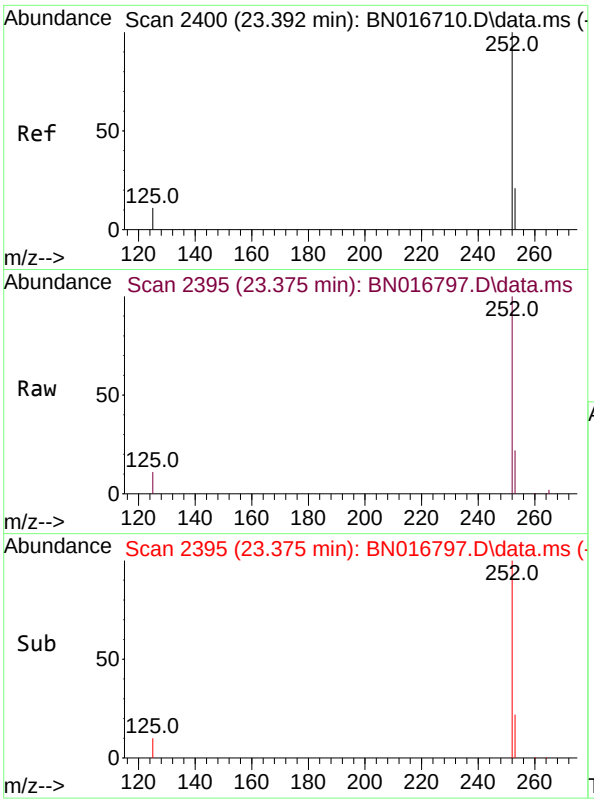


#38
Benzo(k)fluoranthene
Concen: 0.431 ng
RT: 22.841 min Scan# 2239
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:252 Resp: 135107

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.8	8.5	12.7

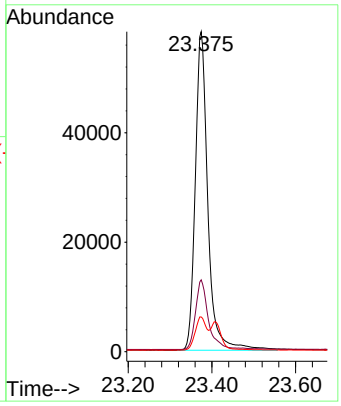




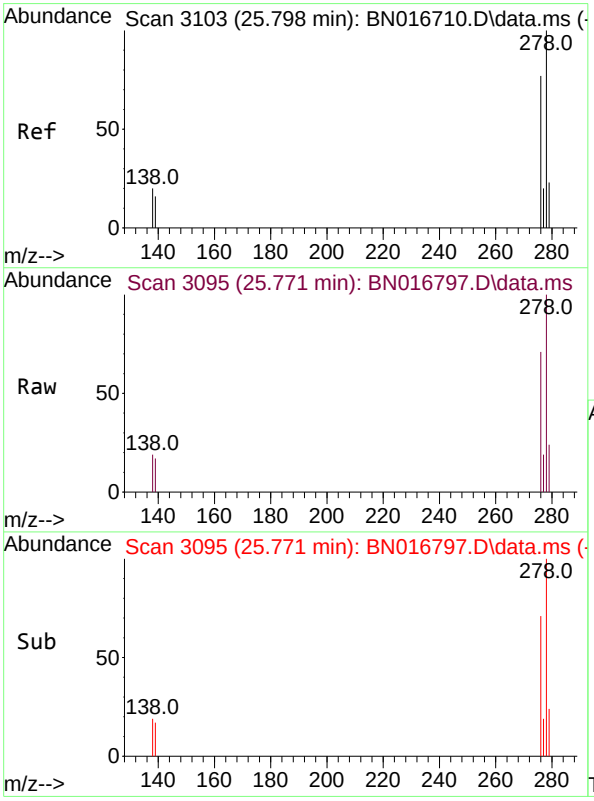
#39
Benzo(a)pyrene
Concen: 0.417 ng
RT: 23.375 min Scan# 2395
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:252 Resp: 121944

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	10.9	9.4	14.2



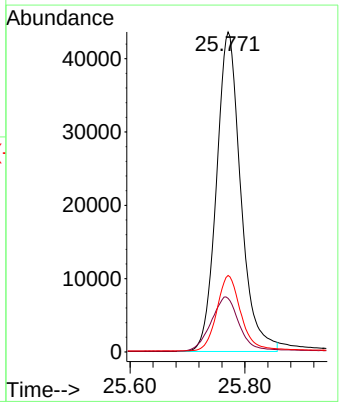
Instrument :
BNA_N
ClientSampleId :

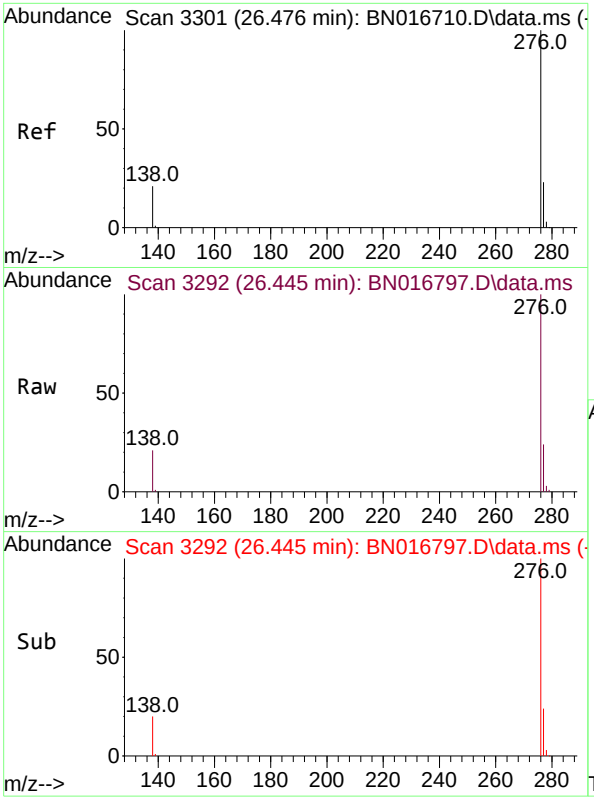


#40
Dibenzo(a,h)anthracene
Concen: 0.503 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:278 Resp: 127896

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.1	19.7
279	23.9	19.3	28.9

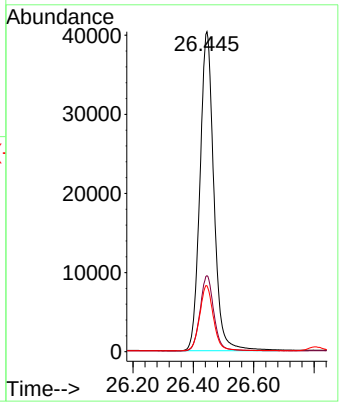




#41
Benzo(g,h,i)perylene
Concen: 0.454 ng
RT: 26.445 min Scan# 3292
Delta R.T. -0.007 min
Lab File: BN016797.D
Acq: 07 Oct 2021 02:31

Tgt Ion:276 Resp: 129055

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.6	17.0	25.6



Instrument :
BNA_N
ClientSampleId :