Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016761.D
Acq On : 06 Oct 2021 03:16
Operator : CG/JU
Sample : PB139321BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB139321BS

Quant Time: Oct 06 04:32:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	26359	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	114410	0.400	ng		# 0.00
13) Acenaphthene-d10	14.269	164	59455	0.400	ng		0.00
19) Phenanthrene-d10	17.017	188	114139	0.400	ng		#-0.01
29) Chrysene-d12	21.227	240	116213	0.400	ng		#-0.01
35) Perylene-d12	23.484	264	118201	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	25089	0.373	ng		0.00
5) Phenol-d6	6.822	99	27673	0.371	ng		0.00
8) Nitrobenzene-d5	8.784	82	27495	0.343	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	66797	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	9742	0.401	ng		-0.01
15) 2-Fluorobiphenyl	12.886	172	94635	0.398	ng		-0.01
27) Fluoranthene-d10	19.068	212	122344	0.392	ng		0.00
31) Terphenyl-d14	19.678	244	103586	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	4938	0.401	ng	#	62
3) n-Nitrosodimethylamine	3.576	42	7817	0.394	ng		95
6) bis(2-Chloroethyl)ether	7.080	93	28987	0.405	ng		100
9) Naphthalene	10.457	128	122542	0.391	ng		100
10) Hexachlorobutadiene	10.749	225	23418	0.400	ng	#	100
12) 2-Methylnaphthalene	12.078	142	79257	0.399	ng		99
16) Acenaphthylene	13.990	152	97643	0.372	ng		100
17) Acenaphthene	14.332	154	69045	0.398	ng		100
18) Fluorene	15.322	166	83983	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	1950	0.469	ng	#	71
21) 4-Bromophenyl-phenylether	16.226	248	26785	0.385	ng	#	88
22) Hexachlorobenzene	16.324	284	31696	0.402	ng		100
23) Atrazine	16.506	200	17835	0.324	ng		96
24) Pentachlorophenol	16.677	266	8329	0.556	ng		99
25) Phenanthrene	17.066	178	135780	0.405	ng		100
26) Anthracene	17.151	178	111482	0.372	ng		100
28) Fluoranthene	19.098	202	153857	0.413	ng		100
30) Pyrene	19.460	202	152283	0.399	ng		100
32) Benzo(a)anthracene	21.217	228	138714	0.385	ng		98
33) Chrysene	21.270	228	159462	0.436	ng		98
34) Bis(2-ethylhexyl)phtha...	21.164	149	50079	0.229	ng		100
36) Indeno(1,2,3-cd)pyrene	25.761	276	167379	0.446	ng		99
37) Benzo(b)fluoranthene	22.803	252	154472	0.404	ng		99
38) Benzo(k)fluoranthene	22.851	252	158889	0.433	ng		100
39) Benzo(a)pyrene	23.385	252	138085	0.404	ng		99
40) Dibenzo(a,h)anthracene	25.781	278	133436	0.448	ng		99
41) Benzo(g,h,i)perylene	26.459	276	143517	0.431	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016761.D
Acq On : 06 Oct 2021 03:16
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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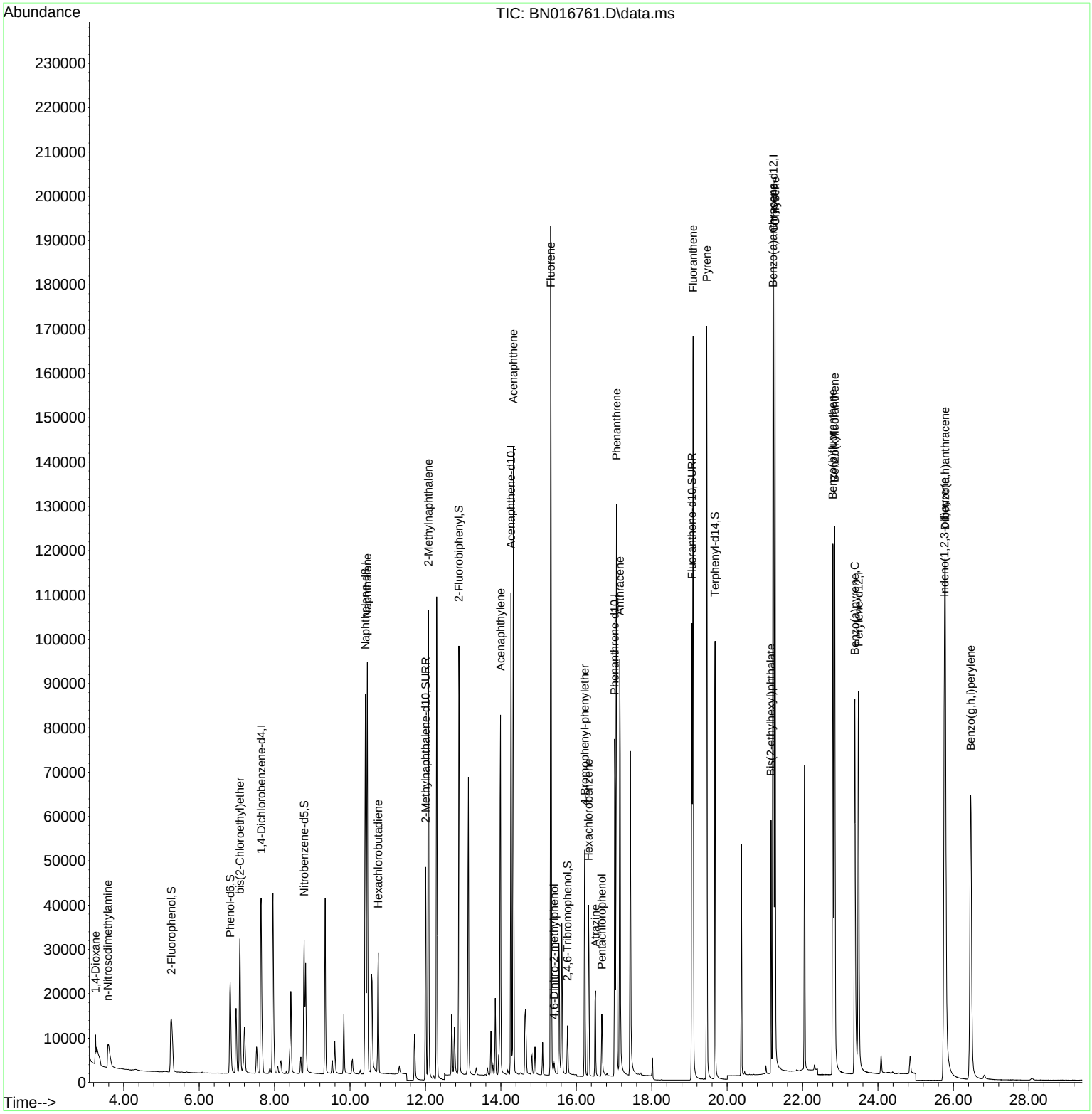
Quant Time: Oct 06 04:32:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration



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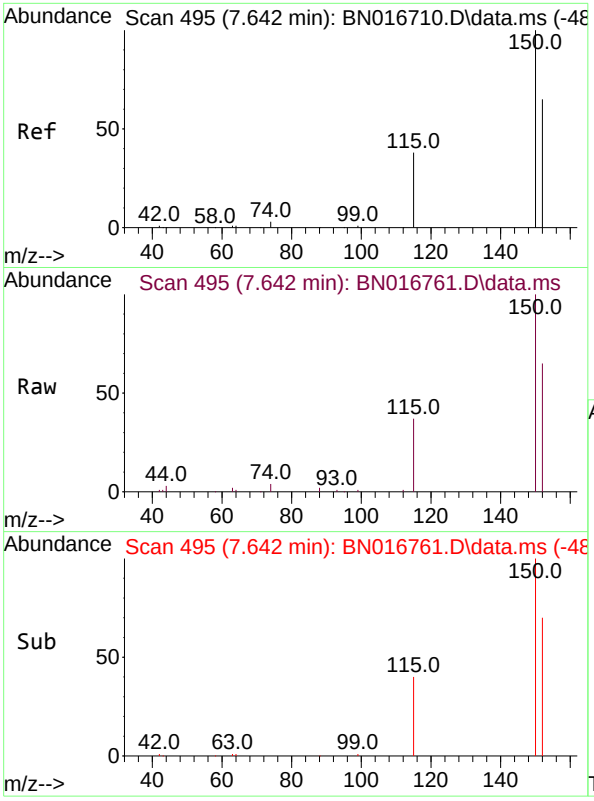
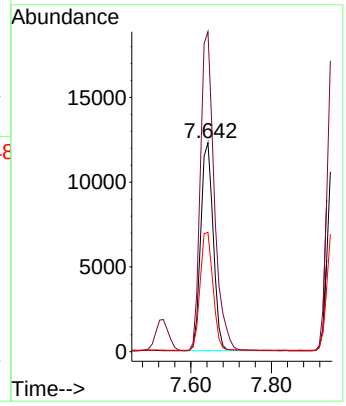
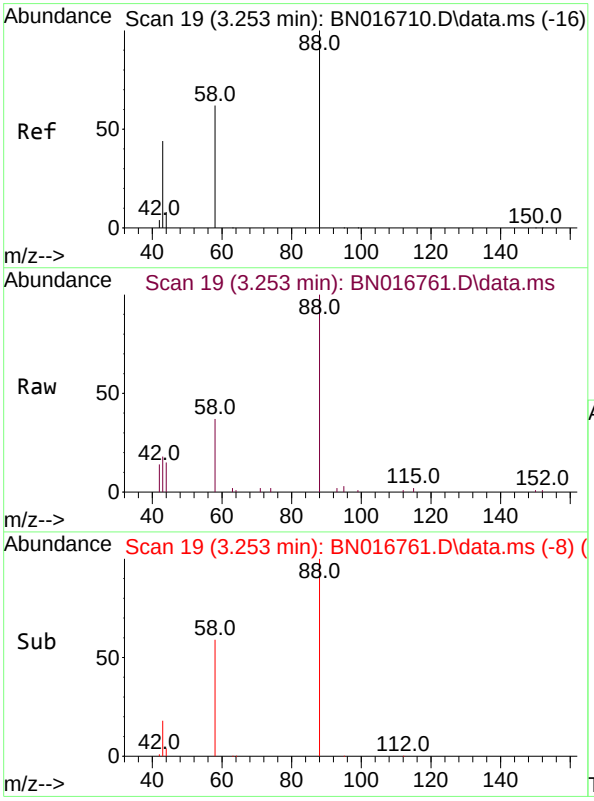


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:152 Resp: 26359

Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.3	184.9
115	57.1	47.0	70.6

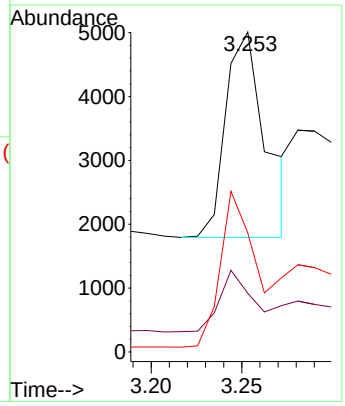




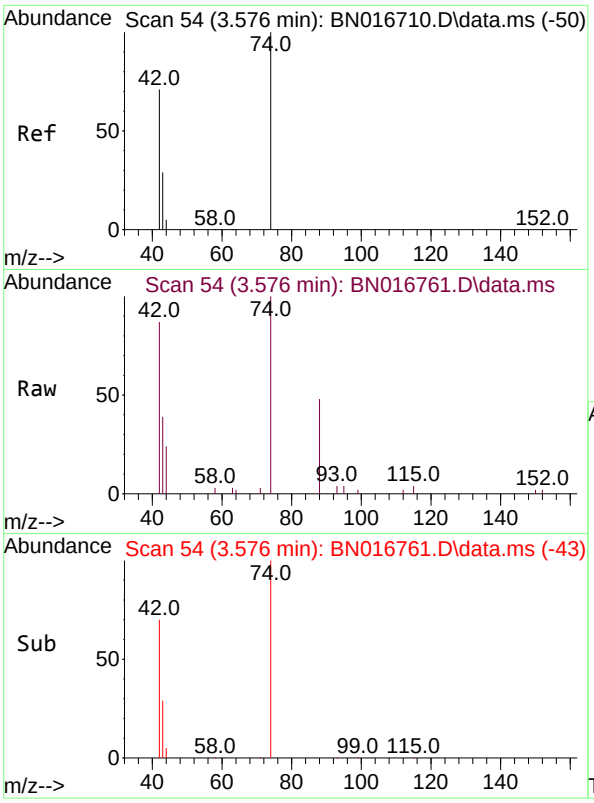
#2
1,4-Dioxane
Concen: 0.401 ng
RT: 3.253 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion: 88 Resp: 4938

Ion	Ratio	Lower	Upper
88	100		
43	24.7	61.7	92.5#
58	64.2	62.2	93.2



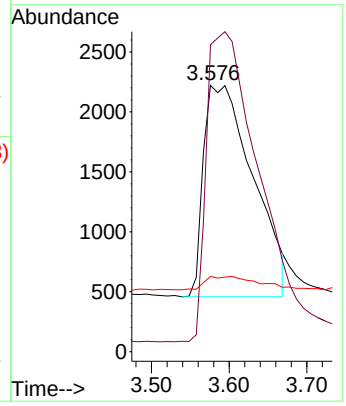
Instrument :
BNA_N
ClientSampleId :
PB139321BS

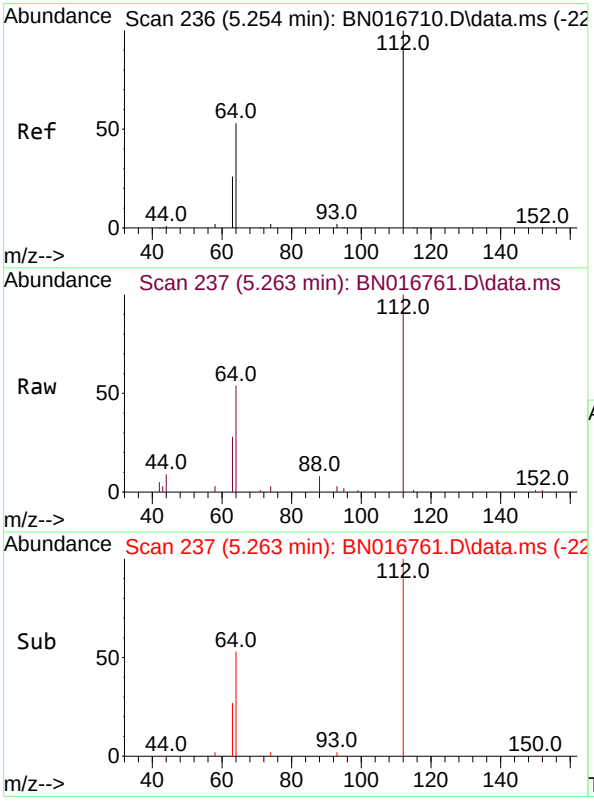


#3
n-Nitrosodimethylamine
Concen: 0.394 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion: 42 Resp: 7817

Ion	Ratio	Lower	Upper
42	100		
74	148.1	124.0	186.0
44	6.4	5.6	8.4

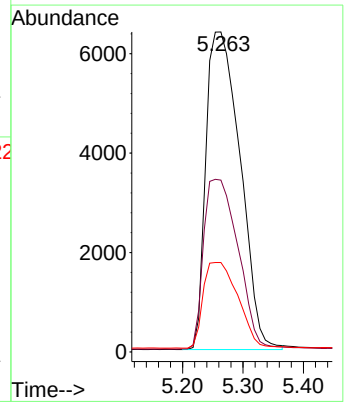




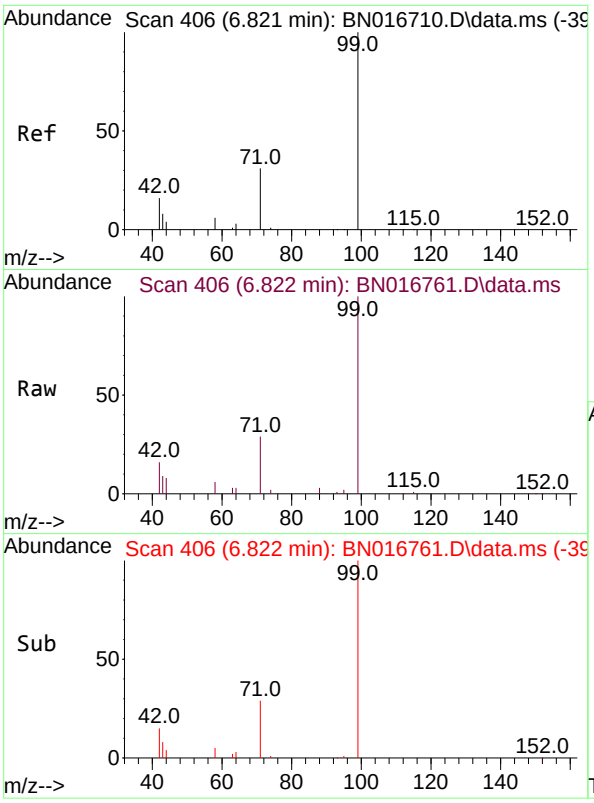
#4
2-Fluorophenol
Concen: 0.373 ng
RT: 5.263 min Scan# 237
Delta R.T. 0.009 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:112 Resp: 25089

Ion	Ratio	Lower	Upper
112	100		
64	54.0	42.9	64.3
63	27.4	21.5	32.3



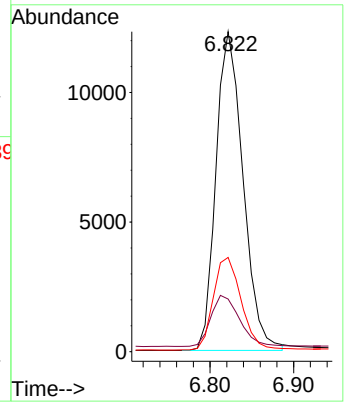
Instrument :
BNA_N
ClientSampleId :
PB139321BS

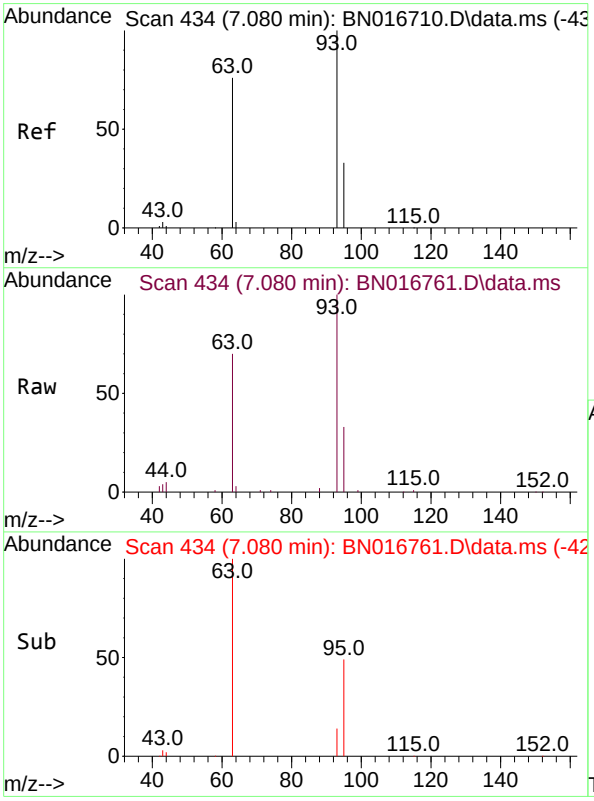


#5
Phenol-d6
Concen: 0.371 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion: 99 Resp: 27673

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.4	20.2
71	29.9	24.0	36.0

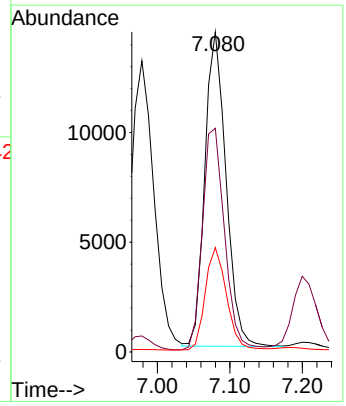


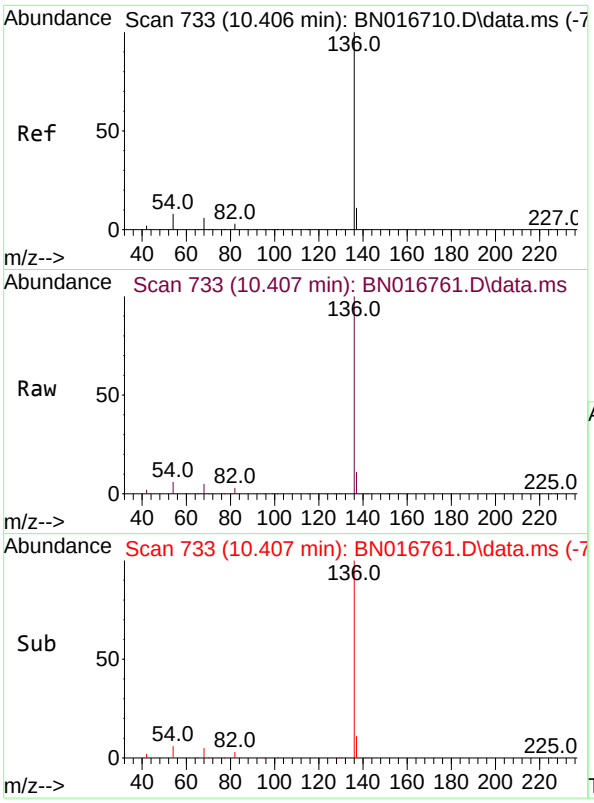


#6
bis(2-Chloroethyl)ether
Concen: 0.405 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion: 93 Resp: 28987

Ion	Ratio	Lower	Upper
93	100		
63	74.0	59.0	88.6
95	33.0	26.4	39.6

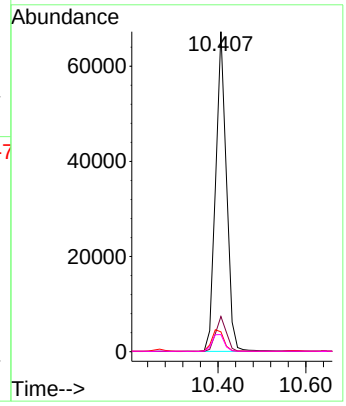




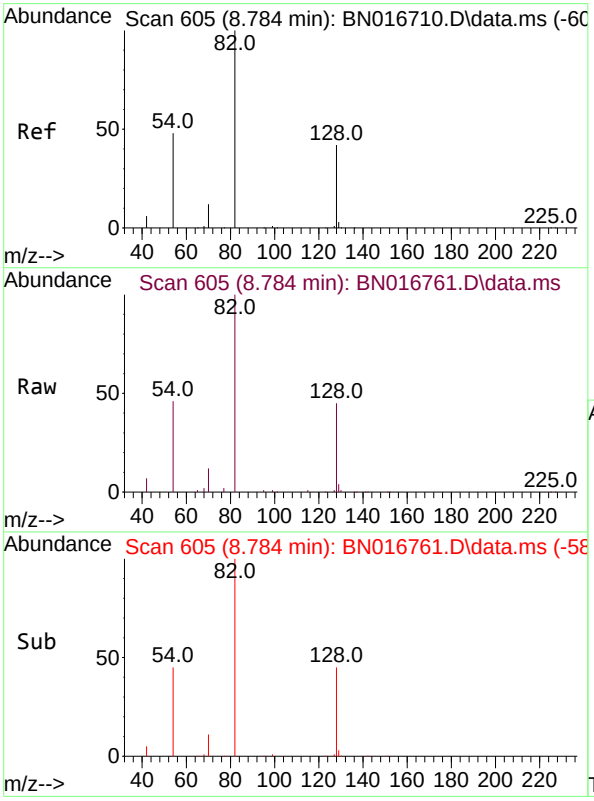
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:136 Resp: 114410

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.2	6.5	9.7#
68	5.3	5.3	7.9



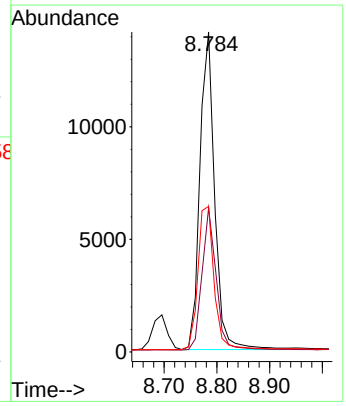
Instrument :
BNA_N
ClientSampleId :
PB139321BS

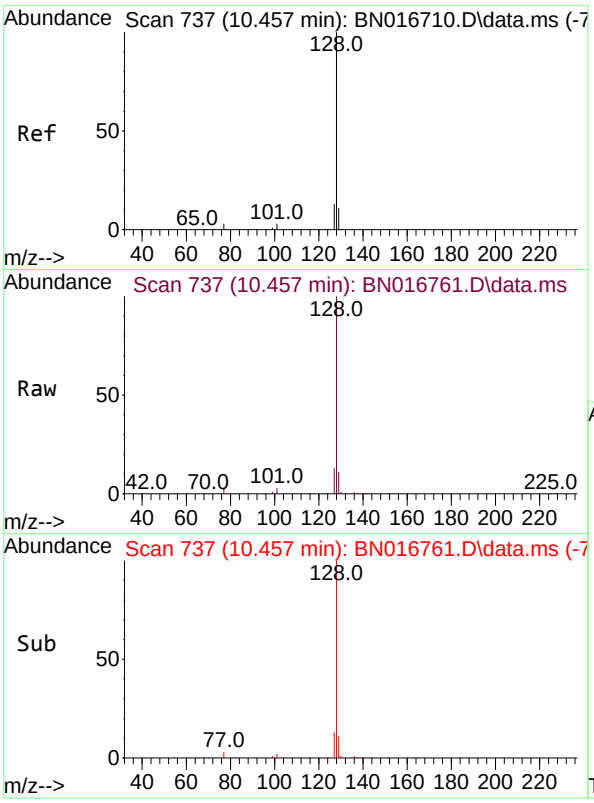


#8
Nitrobenzene-d5
Concen: 0.343 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion: 82 Resp: 27495

Ion	Ratio	Lower	Upper
82	100		
128	45.1	33.8	50.6
54	45.5	38.5	57.7

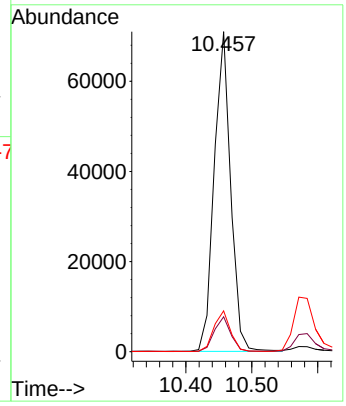




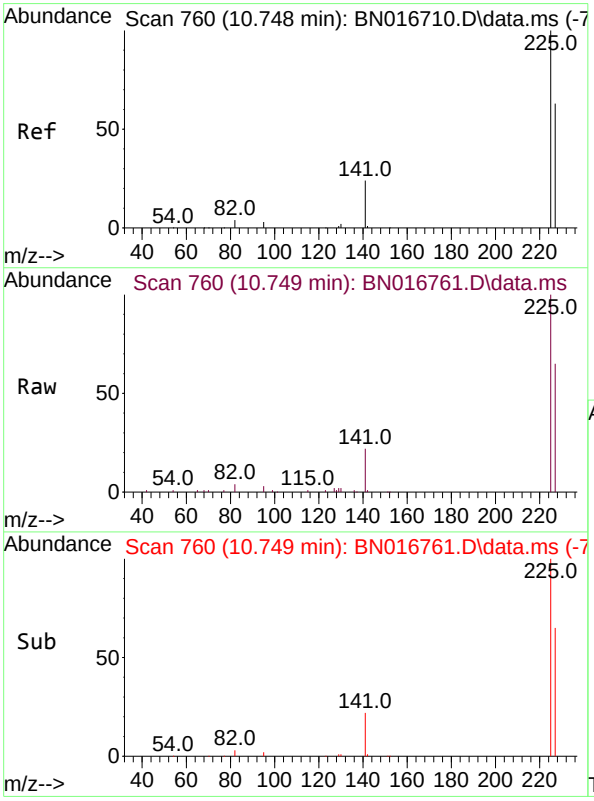
#9
Naphthalene
Concen: 0.391 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:128 Resp: 122542

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	12.8	10.3	15.5



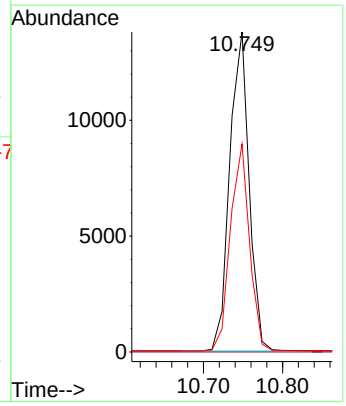
Instrument :
BNA_N
ClientSampleId :
PB139321BS



#10
Hexachlorobutadiene
Concen: 0.400 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:225 Resp: 23418

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



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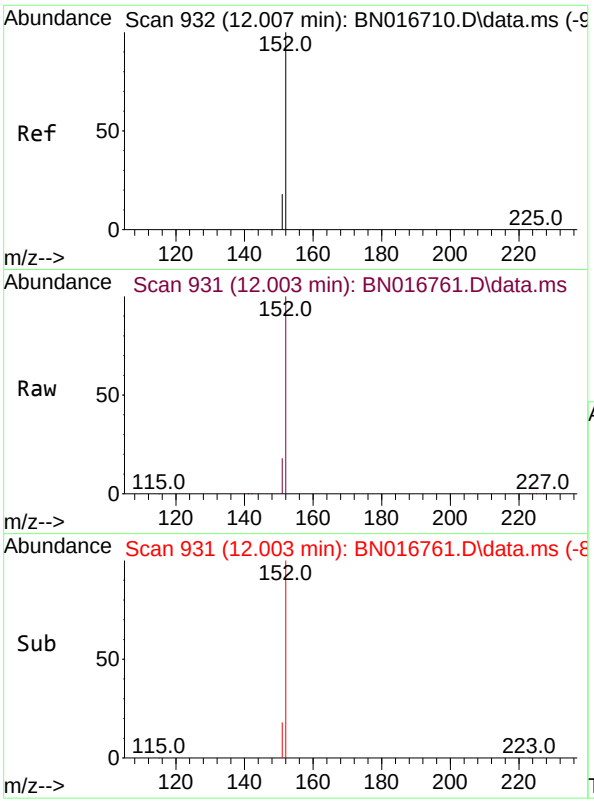
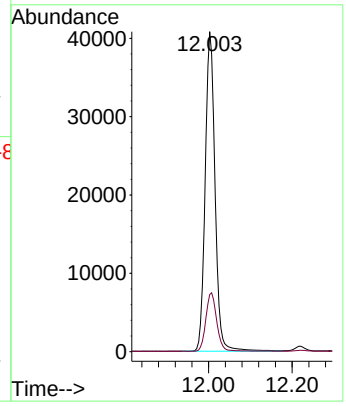
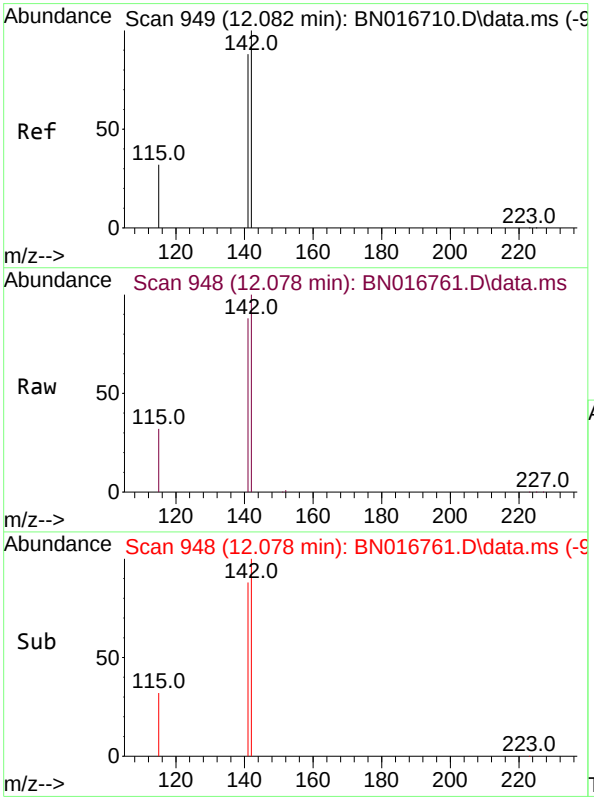


#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:152 Resp: 66797

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

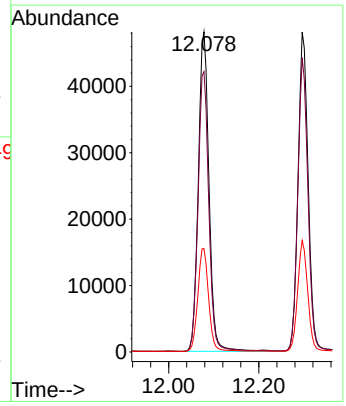




#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.078 min Scan# 948
Delta R.T. -0.004 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:142 Resp: 79257

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.6	106.0
115	32.3	26.1	39.1



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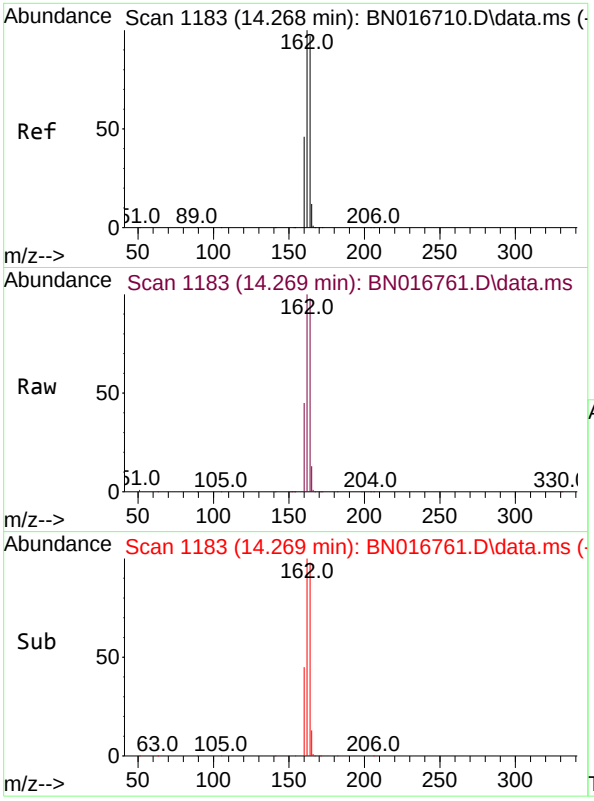
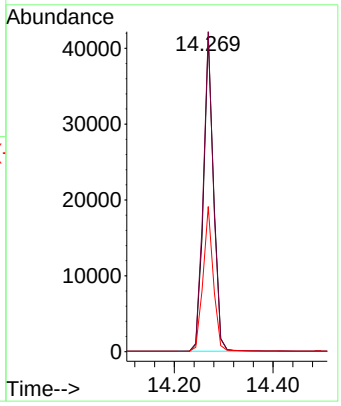
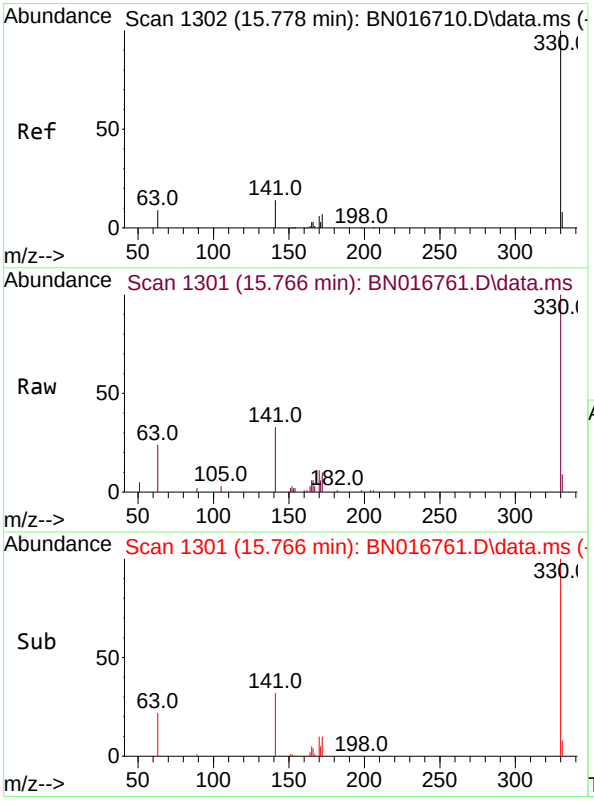


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:164 Resp: 59455

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	46.1	38.2	57.2

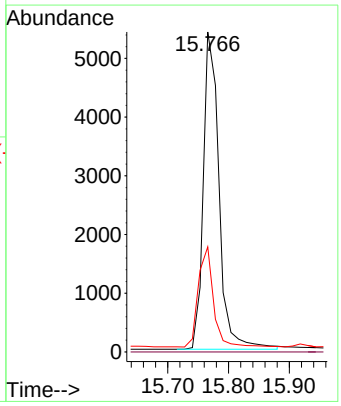




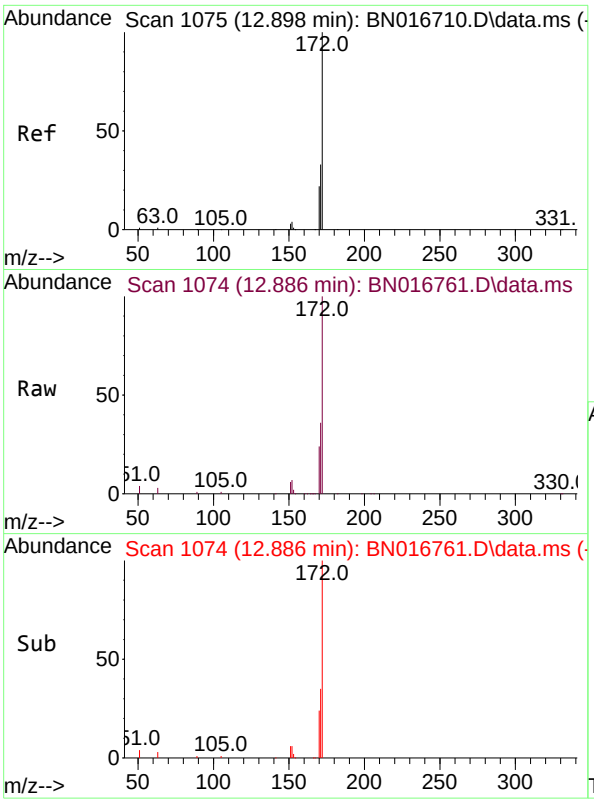
#14
2,4,6-Tribromophenol
Concen: 0.401 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:330 Resp: 9742

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.3	24.2	36.2



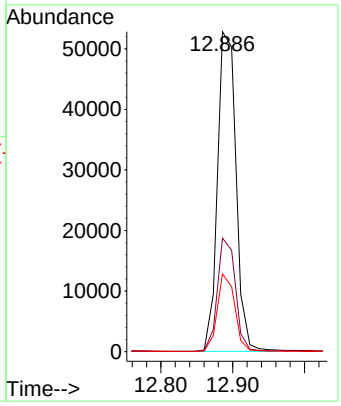
Instrument :
BNA_N
ClientSampleId :
PB139321BS

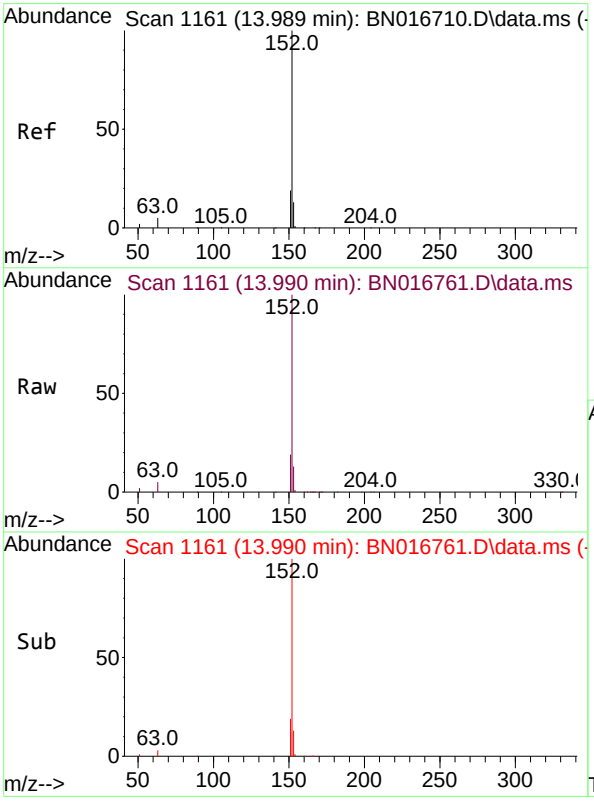


#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:172 Resp: 94635

Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.9	40.3
170	24.3	17.4	26.0

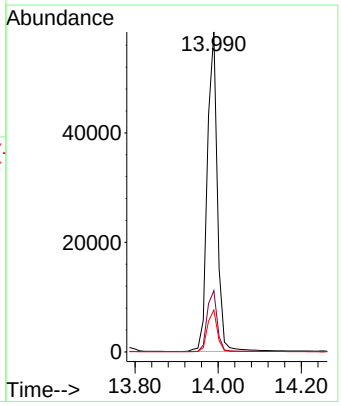




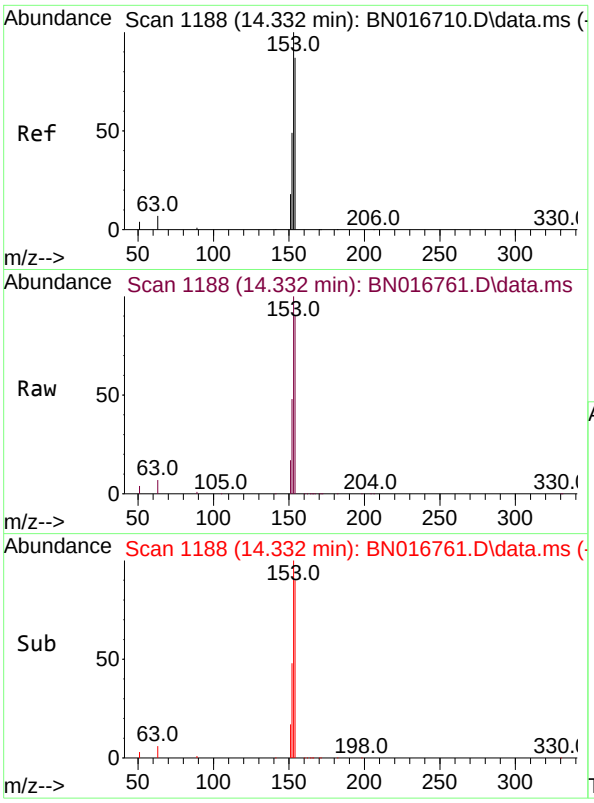
#16
Acenaphthylene
Concen: 0.372 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.001 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:152 Resp: 97643

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



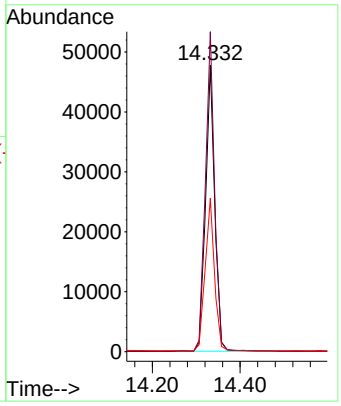
Instrument :
BNA_N
ClientSampleId :
PB139321BS

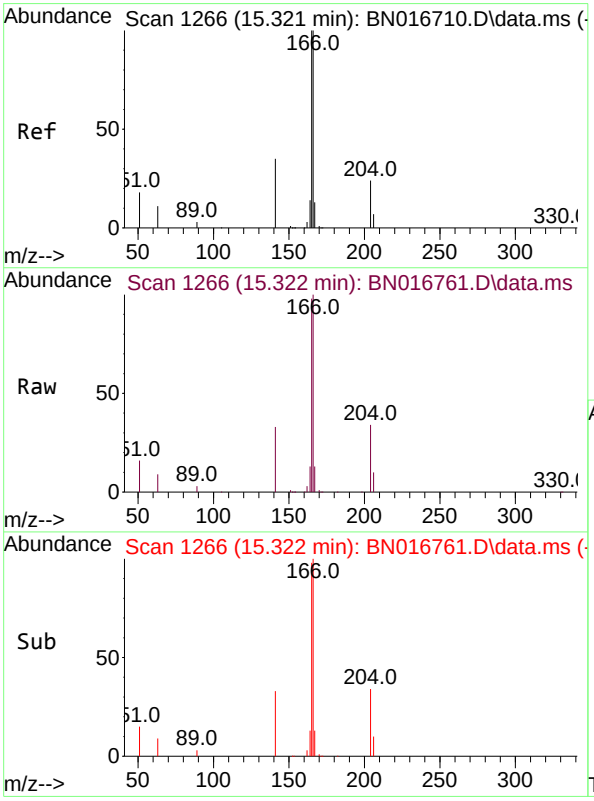


#17
Acenaphthene
Concen: 0.398 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:154 Resp: 69045

Ion	Ratio	Lower	Upper
154	100		
153	112.3	90.1	135.1
152	54.5	43.6	65.4

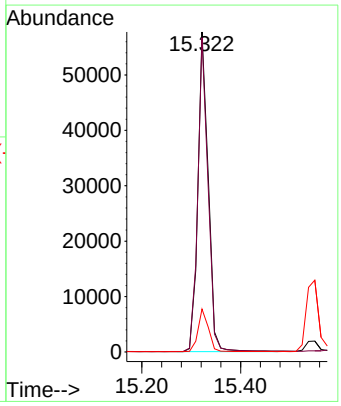




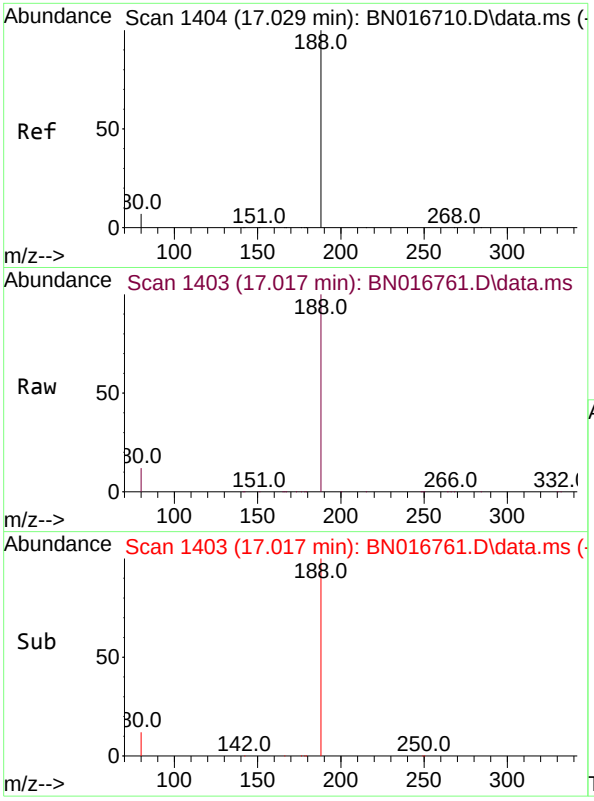
#18
Fluorene
Concen: 0.401 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.001 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:166 Resp: 83983

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.5	10.7	16.1



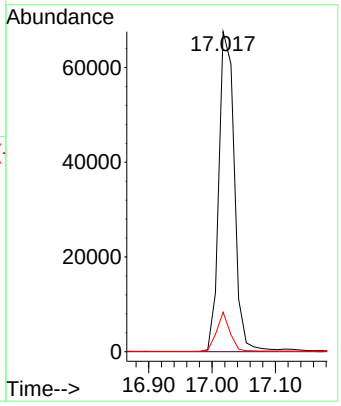
Instrument :
BNA_N
ClientSampleId :
PB139321BS

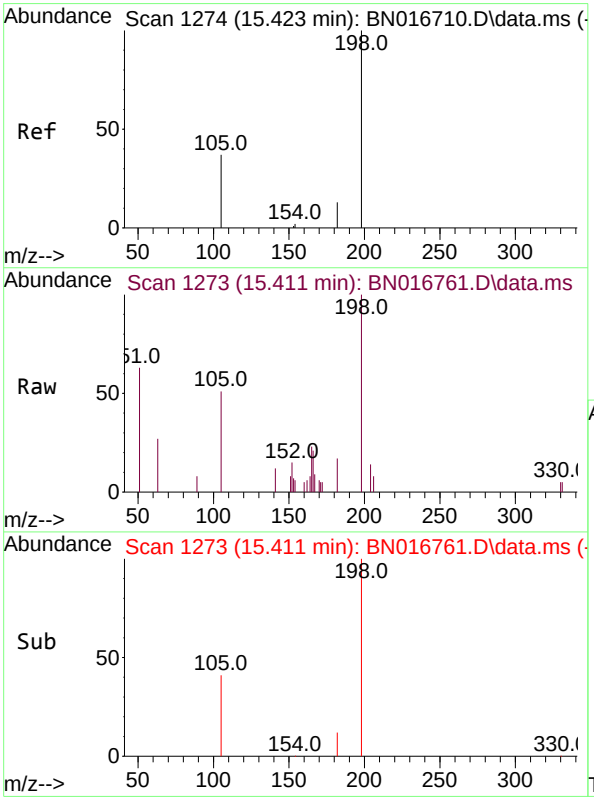


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:188 Resp: 114139

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.3	5.8	8.8#

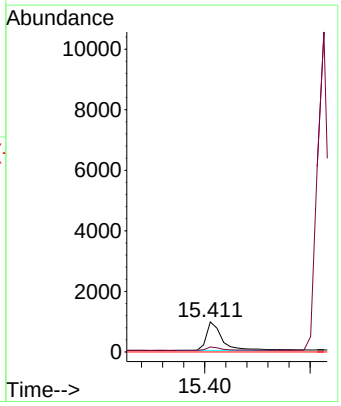


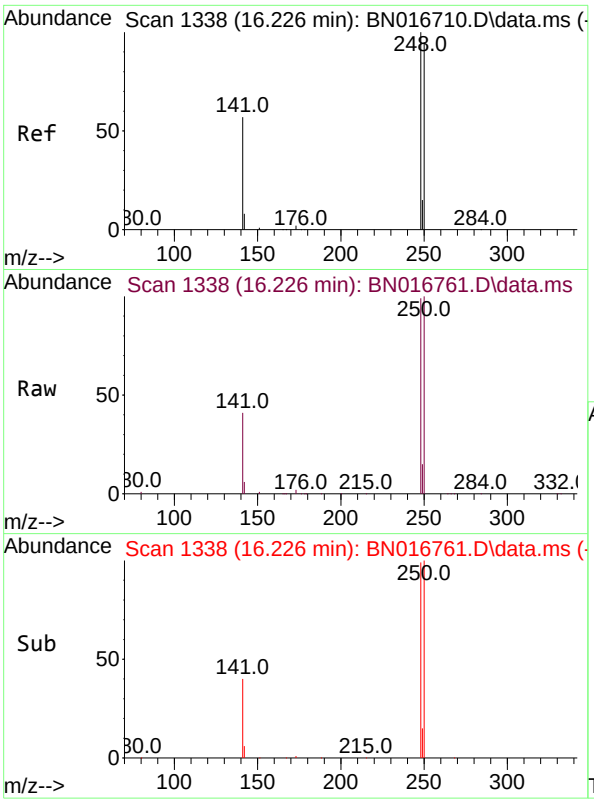


#20
4,6-Dinitro-2-methylphenol
Concen: 0.469 ng
RT: 15.411 min Scan# 1273
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:198 Resp: 1950

Ion	Ratio	Lower	Upper
198	100		
182	16.6	26.2	39.2#
77	0.0	0.0	0.0

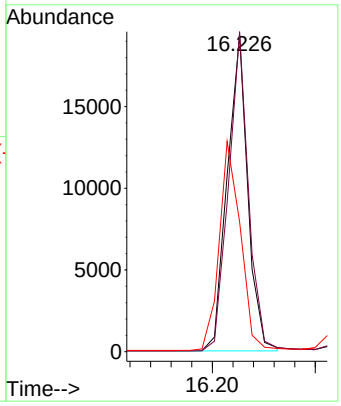




#21
4-Bromophenyl-phenylether
Concen: 0.385 ng
RT: 16.226 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:248 Resp: 26785

Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.2	114.4
141	41.0	45.6	68.4#



Instrument :
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ClientSampleId :
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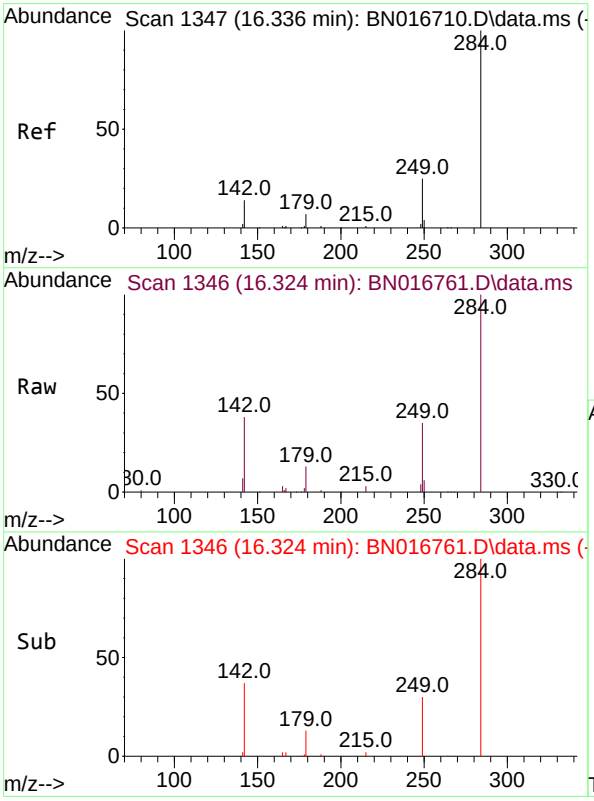
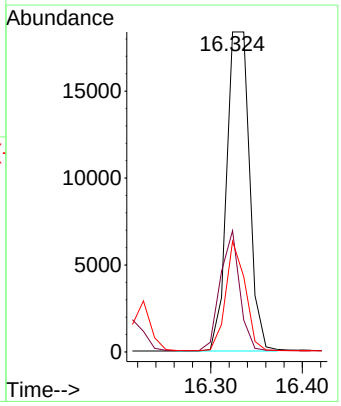


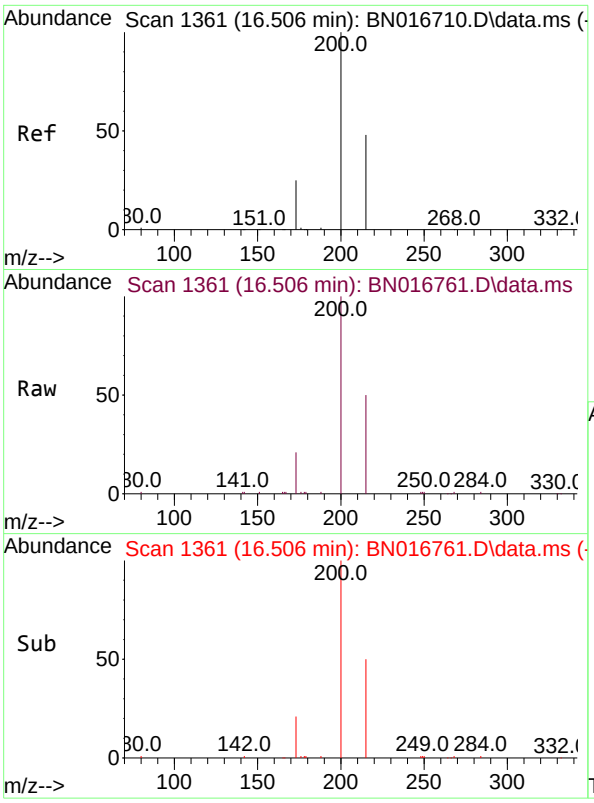
#22
Hexachlorobenzene
Concen: 0.402 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:284 Resp: 31696

Ion	Ratio	Lower	Upper
284	100		
142	31.9	25.8	38.6
249	29.3	23.3	34.9



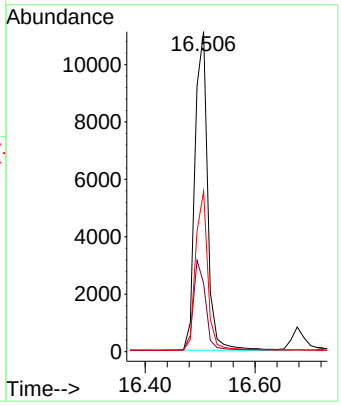
Instrument :
BNA_N
ClientSampleId :
PB139321BS

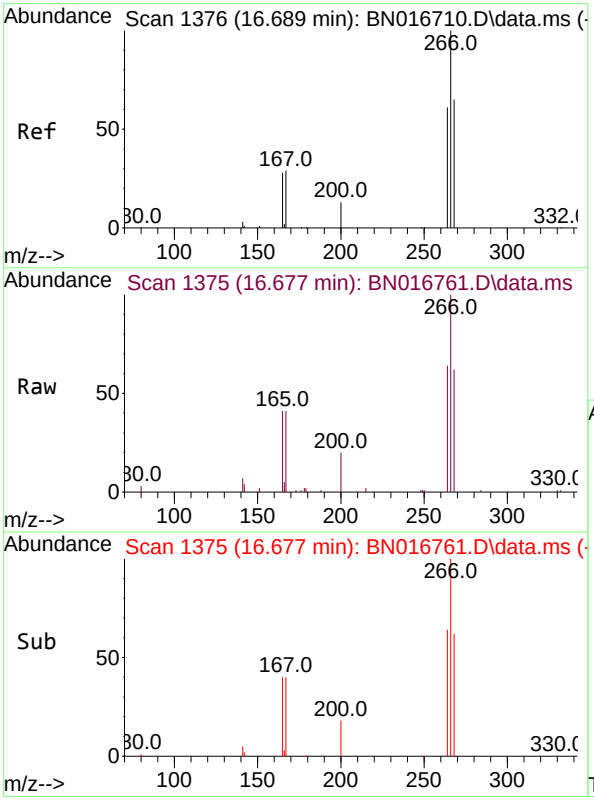


#23
Atrazine
Concen: 0.324 ng
RT: 16.506 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:200 Resp: 17835

Ion	Ratio	Lower	Upper
200	100		
173	21.4	20.1	30.1
215	50.1	38.8	58.2

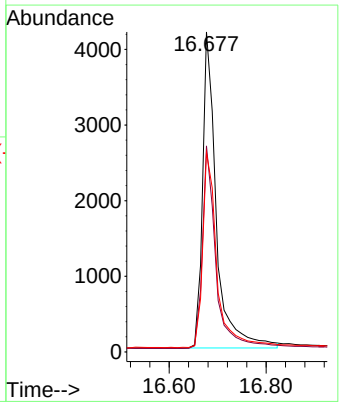




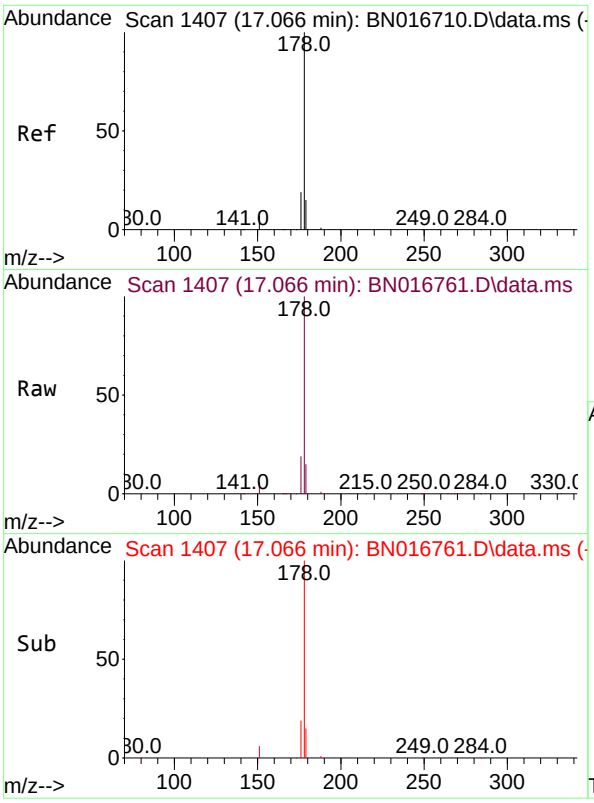
#24
Pentachlorophenol
Concen: 0.556 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:266 Resp: 8329

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.3	73.9
268	64.0	51.8	77.8



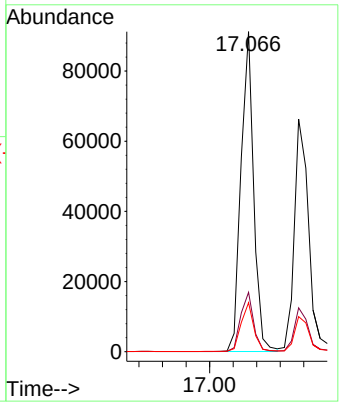
Instrument :
BNA_N
ClientSampleId :
PB139321BS

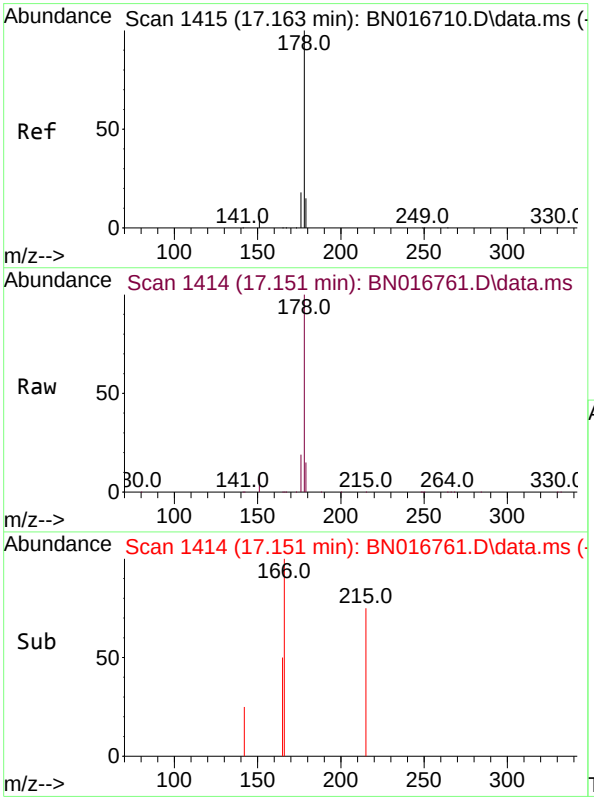


#25
Phenanthrene
Concen: 0.405 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:178 Resp: 135780

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.4	12.4	18.6

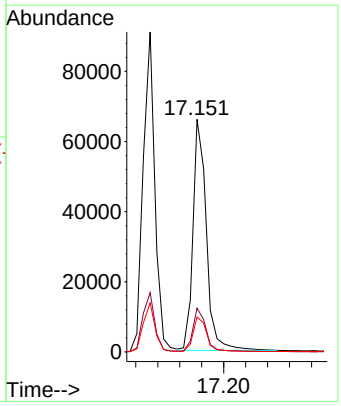




#26
Anthracene
Concen: 0.372 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.012 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:178 Resp: 111482

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



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BNA_N
ClientSampleId :
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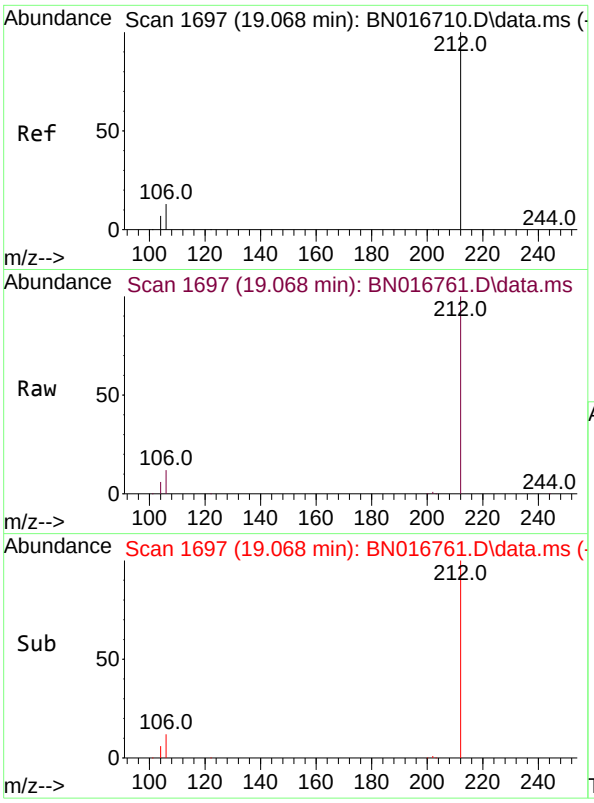
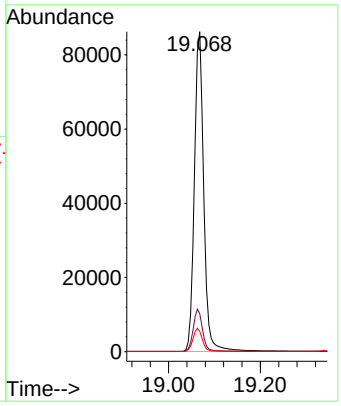
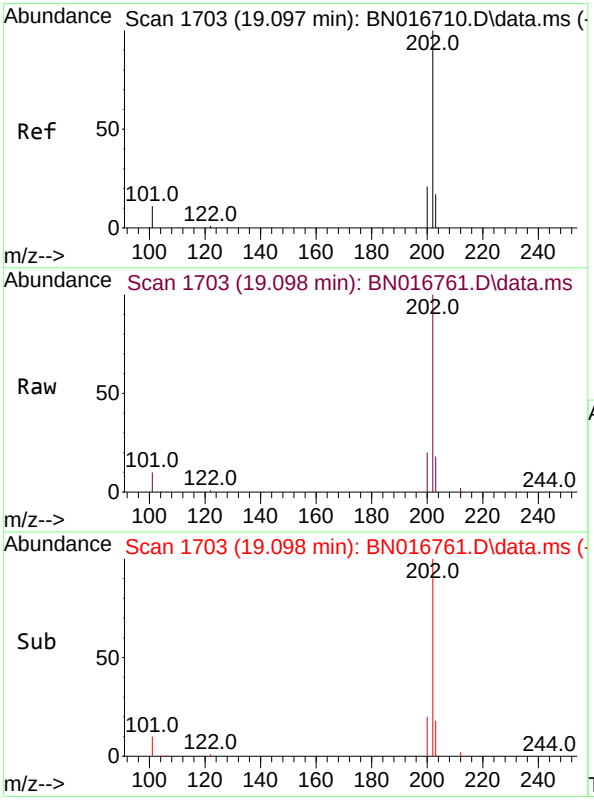


#27
Fluoranthene-d10
Concen: 0.392 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:212 Resp: 122344

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

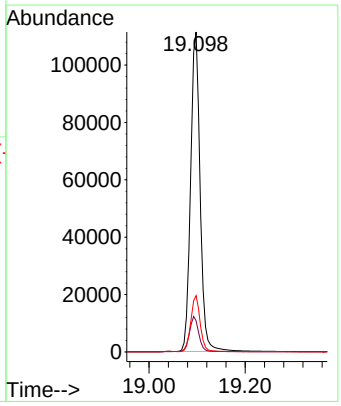




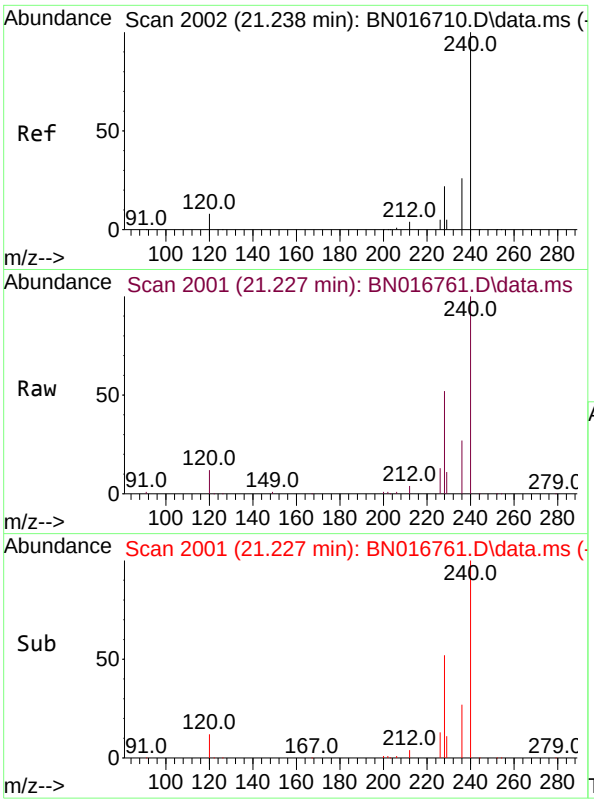
#28
Fluoranthene
Concen: 0.413 ng
RT: 19.098 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:202 Resp: 153857

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.9	13.3
203	17.3	13.8	20.8



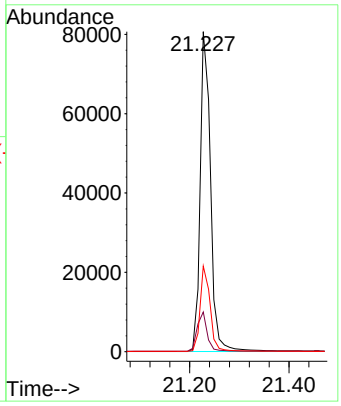
Instrument :
BNA_N
ClientSampleId :
PB139321BS

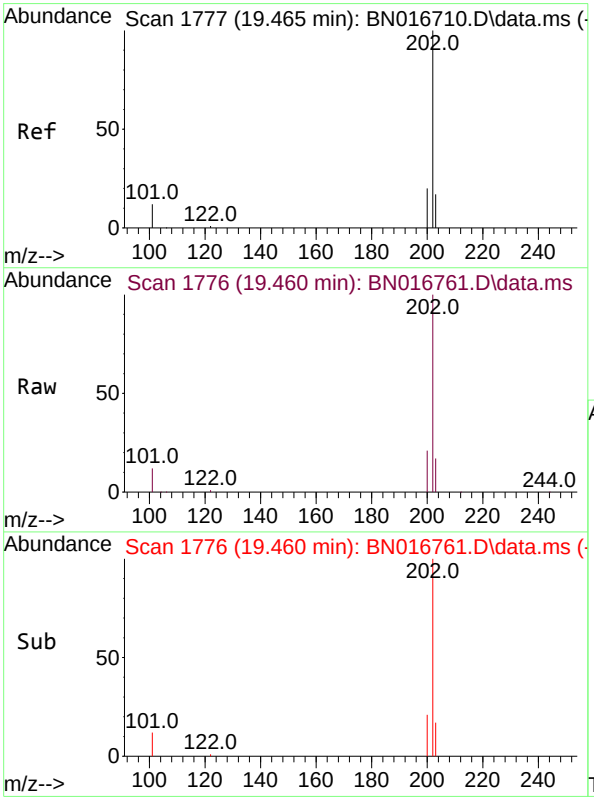


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:240 Resp: 116213

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.6	10.0#
236	26.8	20.7	31.1

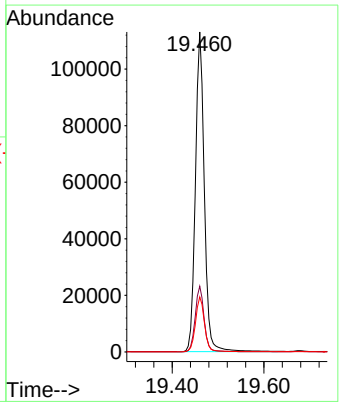


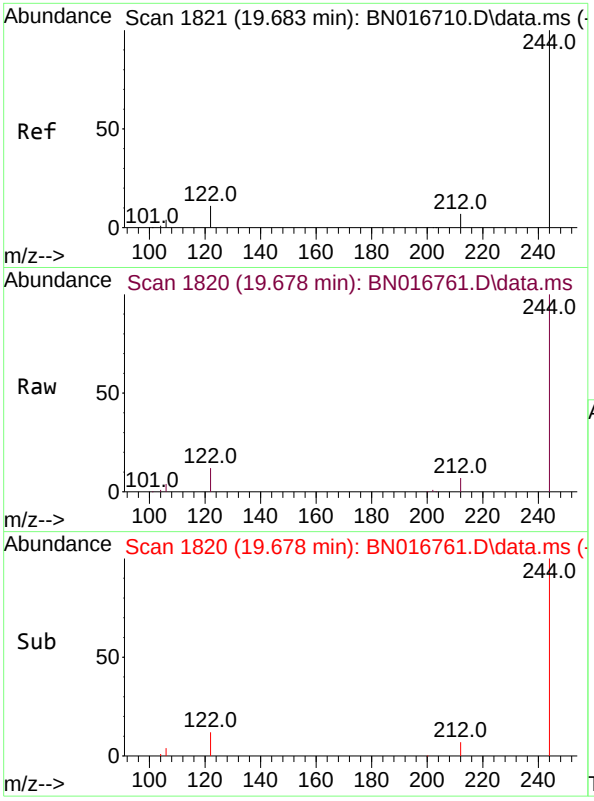


#30
Pyrene
Concen: 0.399 ng
RT: 19.460 min Scan# 1776
Delta R.T. -0.005 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:202 Resp: 152283

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9

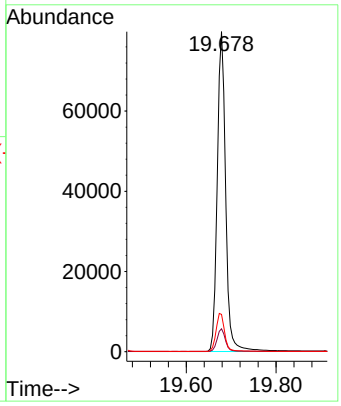


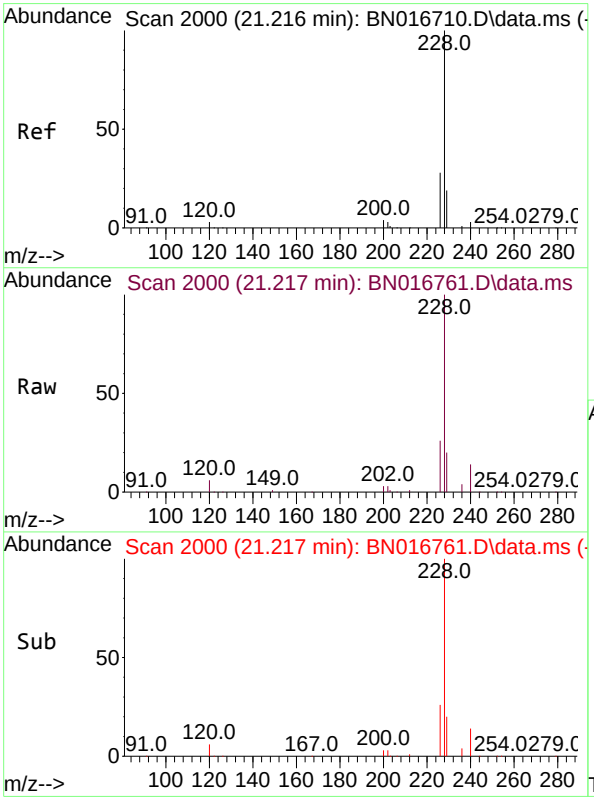


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 19.678 min Scan# 1820
Delta R.T. -0.005 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:244 Resp: 103586

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	11.7	8.9	13.3

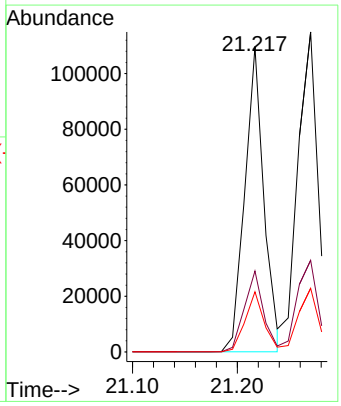




#32
Benzo(a)anthracene
Concen: 0.385 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:228 Resp: 138714

Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.3	33.5
229	19.7	15.4	23.0



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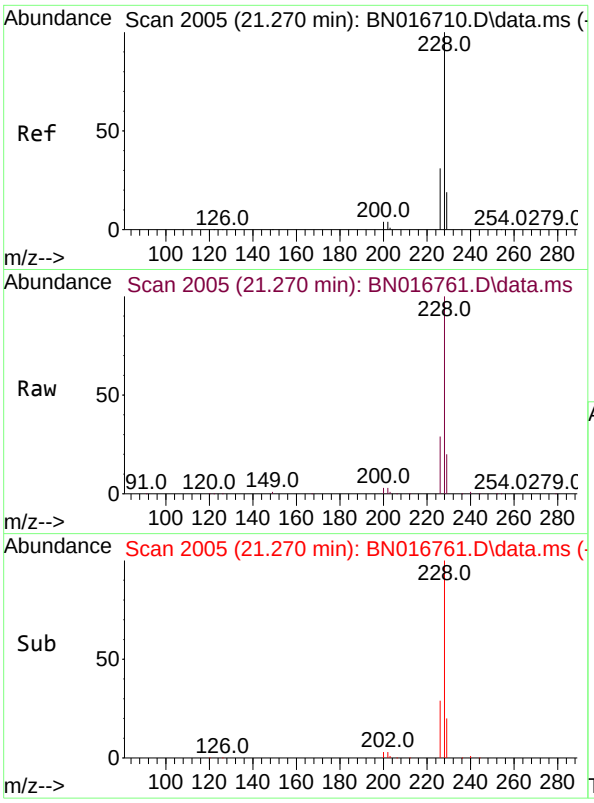
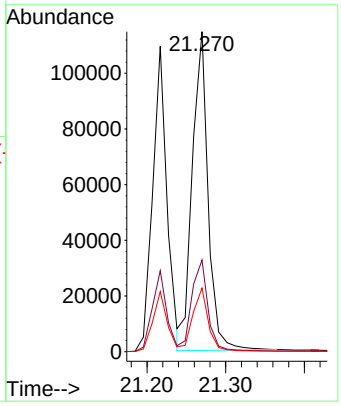
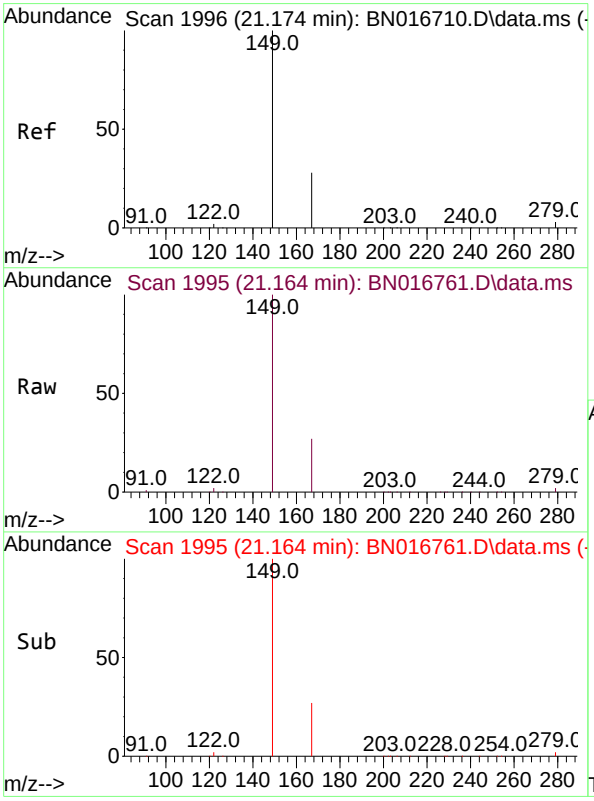


#33
Chrysene
Concen: 0.436 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:228 Resp: 159462

Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.2	36.4
229	19.9	15.4	23.0

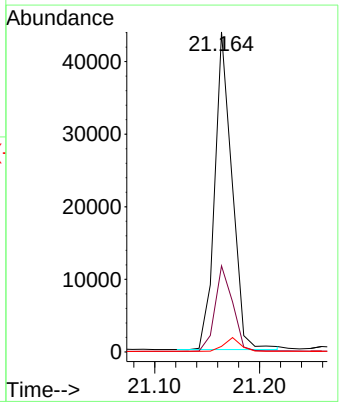


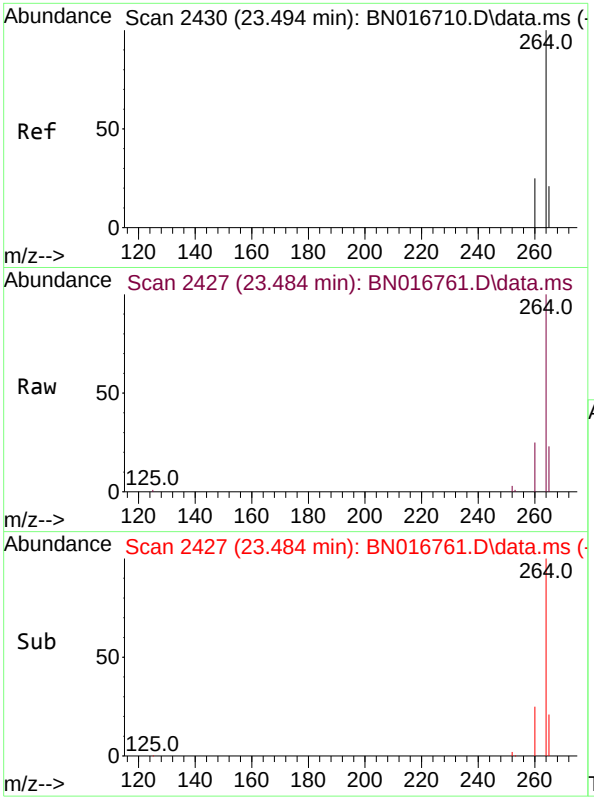


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.229 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:149 Resp: 50079

Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	4.2	3.4	5.2

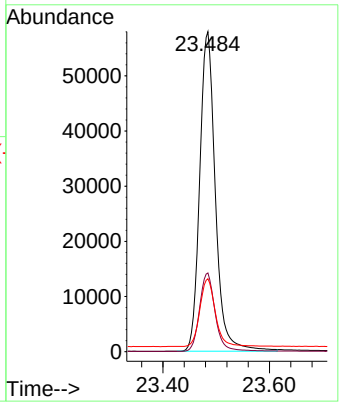




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.484 min Scan# 2427
Delta R.T. -0.010 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:264 Resp: 118201

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.8	20.3	30.5



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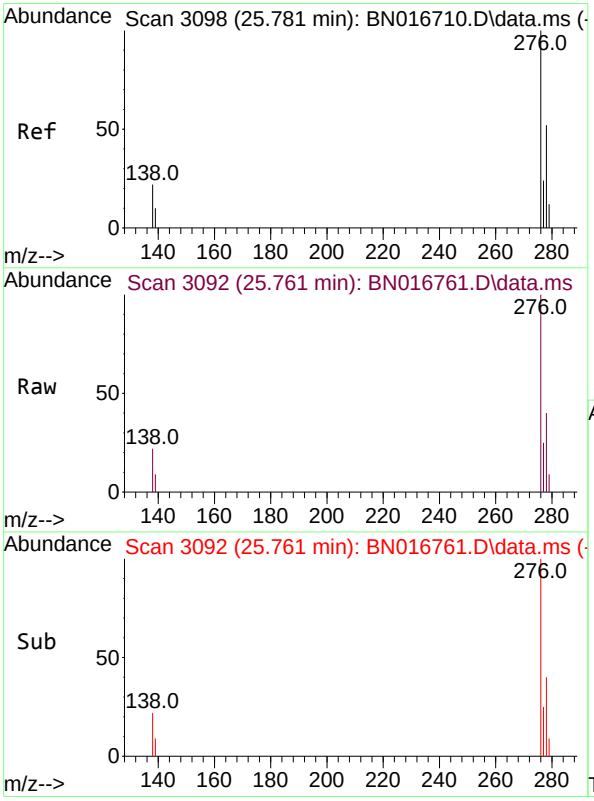
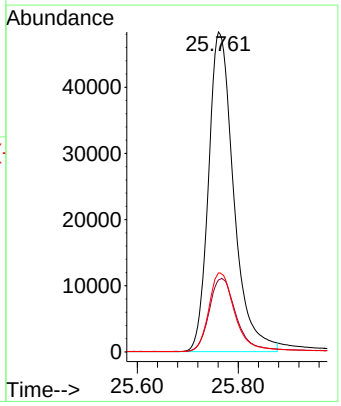


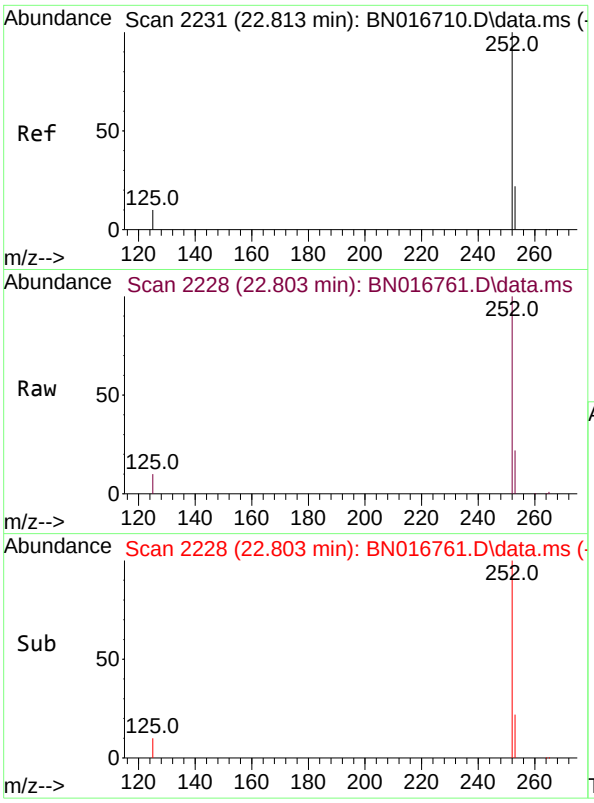
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 25.761 min Scan# 3092
Delta R.T. -0.020 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:276 Resp: 167379

Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.2	28.8
277	25.2	20.0	30.0



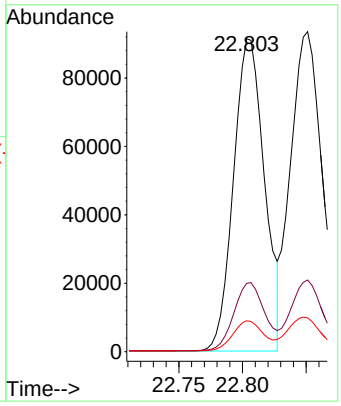
Instrument :
BNA_N
ClientSampleId :
PB139321BS

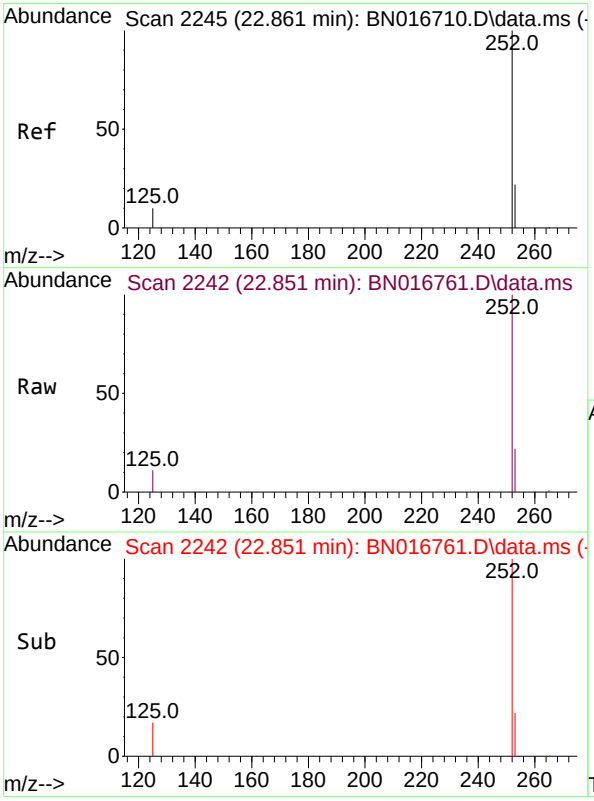


#37
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.803 min Scan# 2228
Delta R.T. -0.010 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:252 Resp: 154472

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	9.9	8.3	12.5

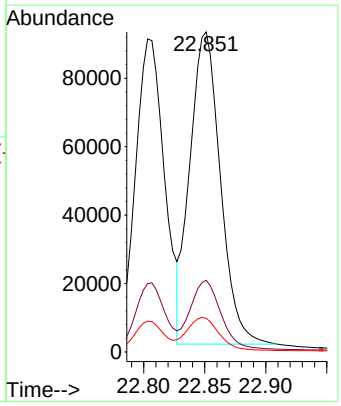




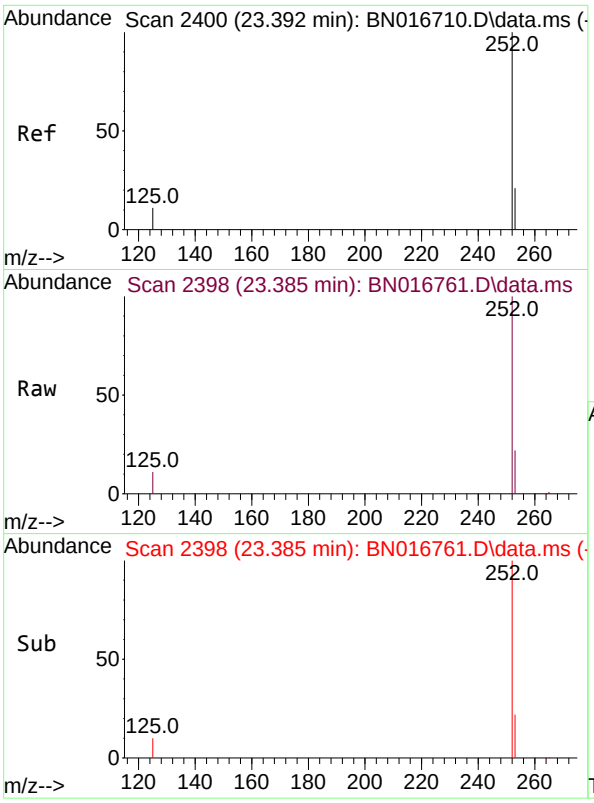
#38
Benzo(k)fluoranthene
Concen: 0.433 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.010 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:252 Resp: 158889

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.6	8.5	12.7



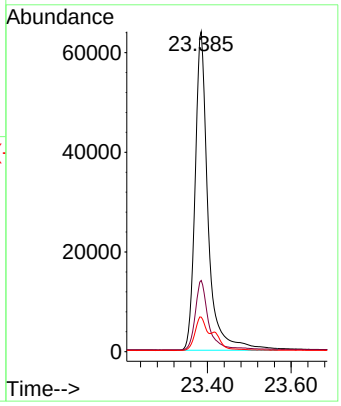
Instrument :
BNA_N
ClientSampleId :
PB139321BS

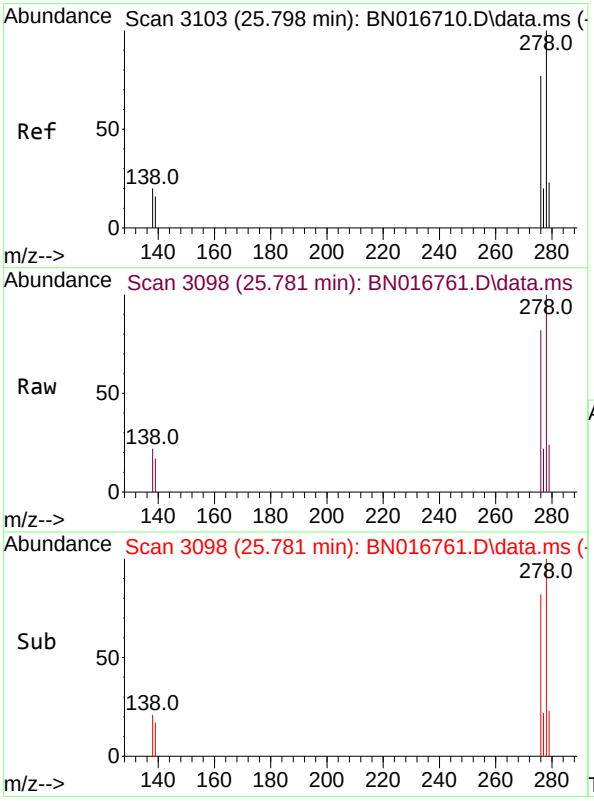


#39
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.007 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:252 Resp: 138085

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	10.8	9.4	14.2

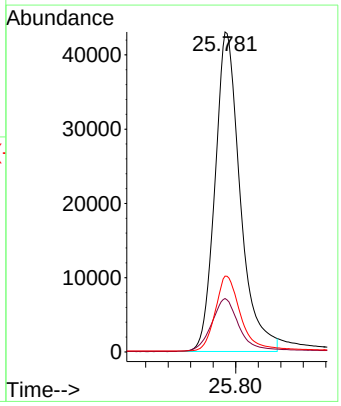


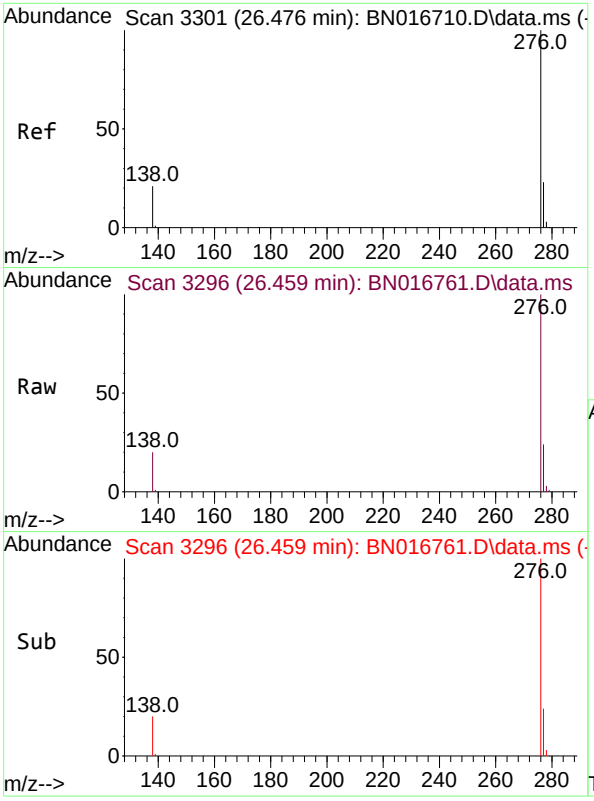


#40
Dibenzo(a,h)anthracene
Concen: 0.448 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.017 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:278 Resp: 133436

Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.1	19.7
279	23.7	19.3	28.9

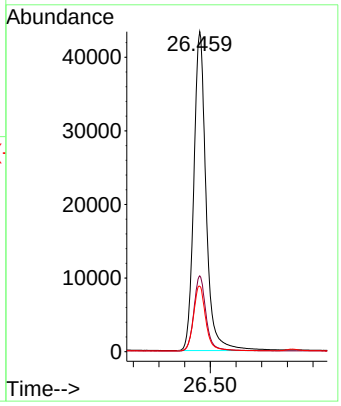




#41
Benzo(g,h,i)perylene
Concen: 0.431 ng
RT: 26.459 min Scan# 3296
Delta R.T. -0.017 min
Lab File: BN016761.D
Acq: 06 Oct 2021 03:16

Tgt Ion:276 Resp: 143517

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.0	28.4
138	20.4	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
PB139321BS