Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016667.D
Acq On : 02 Oct 2021 11:44
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 04 03:33:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.643	152	31795	0.400	ng		0.00
7) Naphthalene-d8	10.407	136	141028	0.400	ng		# 0.00
13) Acenaphthene-d10	14.269	164	75673	0.400	ng		0.00
19) Phenanthrene-d10	17.018	188	142329	0.400	ng		#-0.01
29) Chrysene-d12	21.228	240	137783	0.400	ng		#-0.01
35) Perylene-d12	23.485	264	145842	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	30087	0.372	ng		0.00
5) Phenol-d6	6.822	99	33113	0.374	ng		0.00
8) Nitrobenzene-d5	8.785	82	32287	0.351	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	78626	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	12402	0.360	ng		0.00
15) 2-Fluorobiphenyl	12.886	172	112895	0.368	ng		-0.01
27) Fluoranthene-d10	19.063	212	143137	0.378	ng		0.00
31) Terphenyl-d14	19.679	244	118081	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	4160	0.284	ng	#	88
3) n-Nitrosodimethylamine	3.595	42	8740	0.372	ng	#	99
6) bis(2-Chloroethyl)ether	7.080	93	33078	0.383	ng		100
9) Naphthalene	10.458	128	141555	0.369	ng		100
10) Hexachlorobutadiene	10.749	225	27217	0.378	ng	#	100
12) 2-Methylnaphthalene	12.074	142	93623	0.383	ng		100
16) Acenaphthylene	13.990	152	119627	0.361	ng		100
17) Acenaphthene	14.332	154	82465	0.370	ng		100
18) Fluorene	15.322	166	100258	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	2284	0.261	ng		98
21) 4-Bromophenyl-phenylether	16.227	248	31809	0.360	ng	#	90
22) Hexachlorobenzene	16.324	284	38012	0.371	ng		99
23) Atrazine	16.494	200	22064	0.343	ng	#	91
24) Pentachlorophenol	16.677	266	12234	0.361	ng		99
25) Phenanthrene	17.066	178	159929	0.373	ng		100
26) Anthracene	17.152	178	131892	0.357	ng		100
28) Fluoranthene	19.093	202	178440	0.386	ng		100
30) Pyrene	19.460	202	178447	0.400	ng		100
32) Benzo(a)anthracene	21.217	228	160880	0.380	ng		99
33) Chrysene	21.270	228	180128	0.421	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	67999	0.403	ng		100
36) Indeno(1,2,3-cd)pyrene	25.764	276	196099	0.377	ng		99
37) Benzo(b)fluoranthene	22.807	252	174813	0.373	ng		99
38) Benzo(k)fluoranthene	22.851	252	184197	0.398	ng	#	97
39) Benzo(a)pyrene	23.385	252	163098	0.391	ng		100
40) Dibenzo(a,h)anthracene	25.781	278	154870	0.369	ng		97
41) Benzo(g,h,i)perylene	26.456	276	169051	0.367	ng		100

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

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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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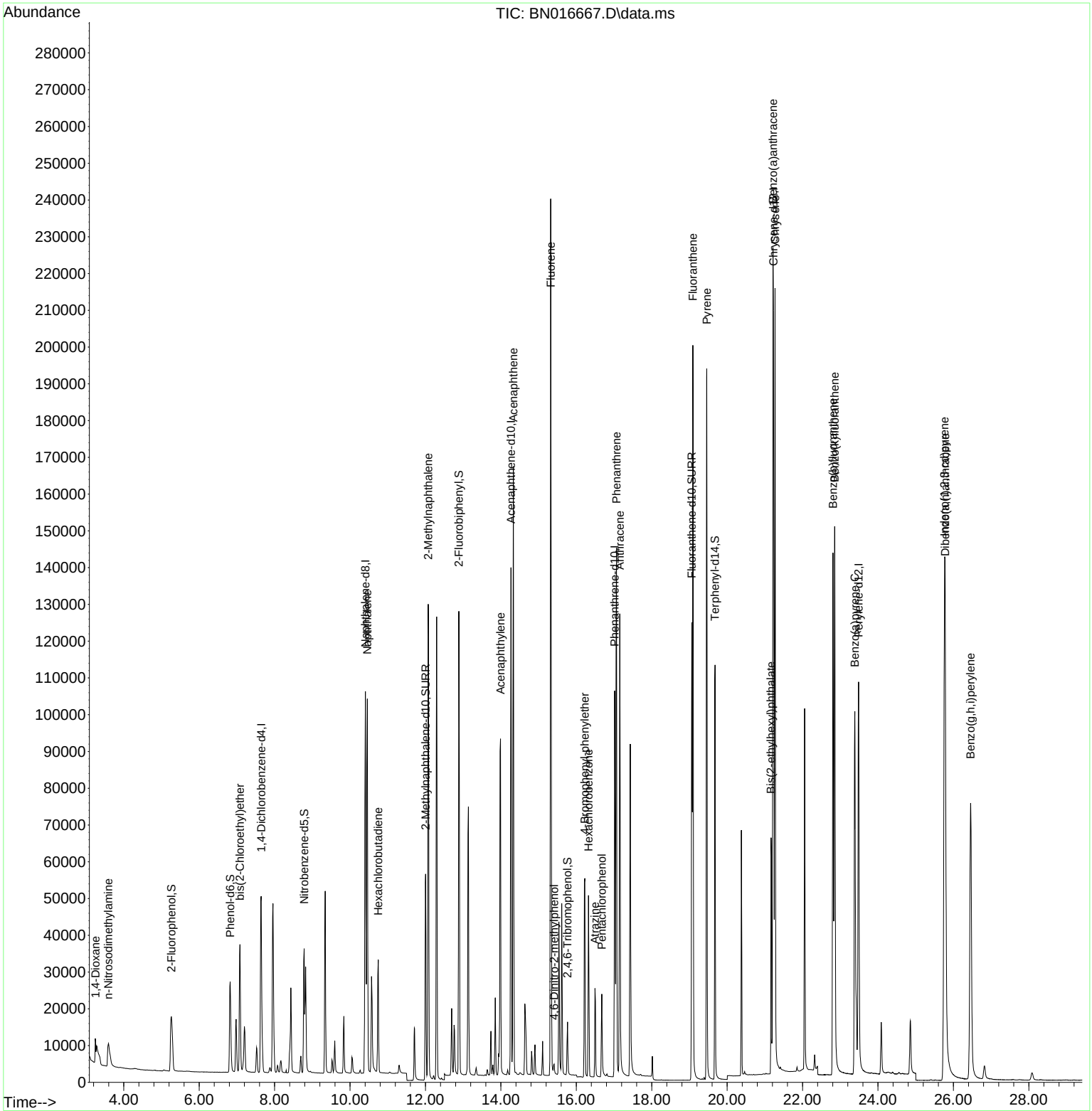
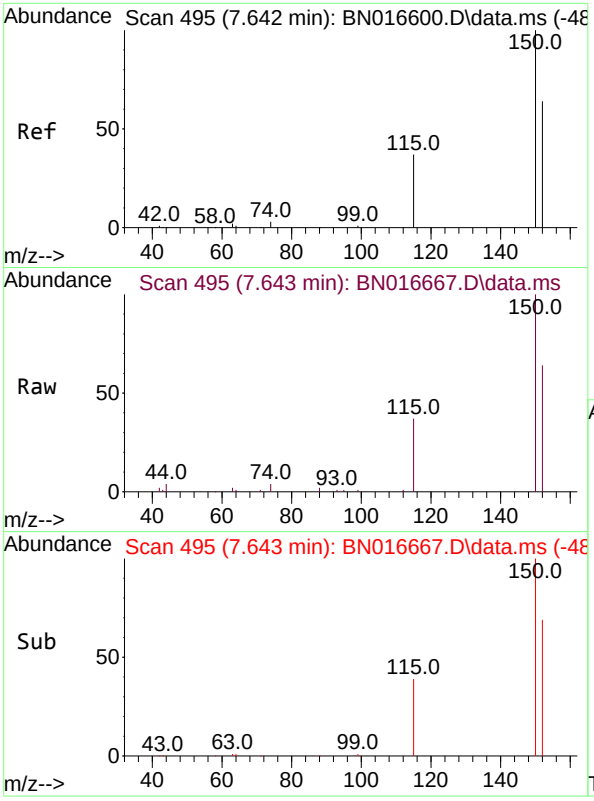
Quant Time: Oct 04 03:33:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration



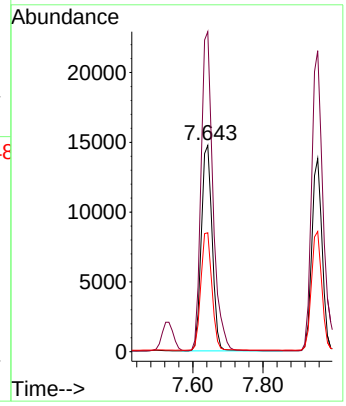
Instrument :
BNA_N
ClientSampleId :

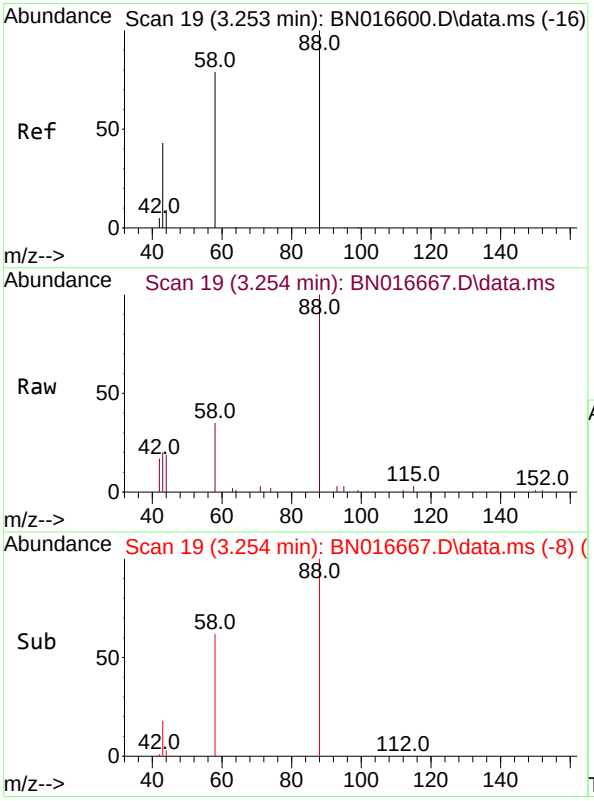


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.643 min Scan# 495
Delta R.T. 0.001 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:152 Resp: 31795

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	57.6	46.5	69.7

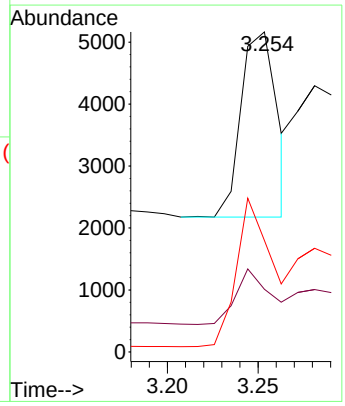




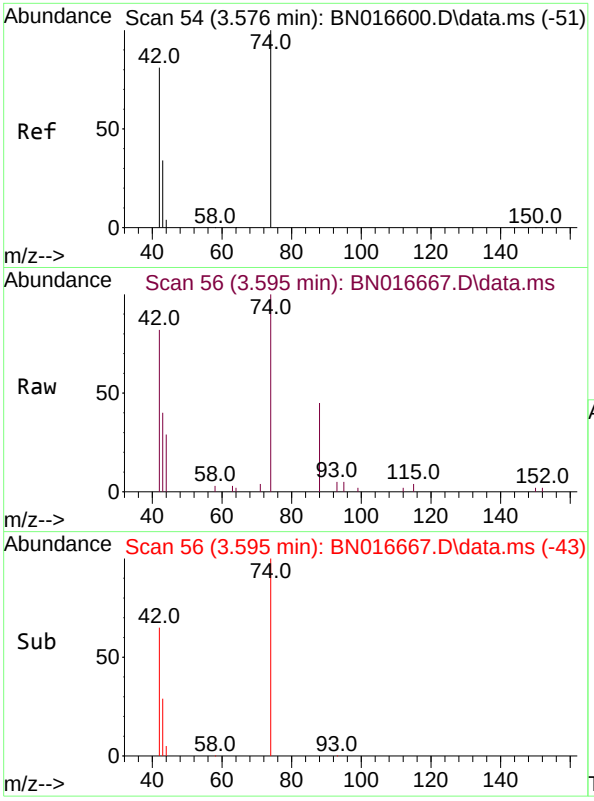
#2
1,4-Dioxane
Concen: 0.284 ng
RT: 3.254 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion: 88 Resp: 4160

Ion	Ratio	Lower	Upper
88	100		
43	28.5	37.8	56.8#
58	78.1	61.3	91.9



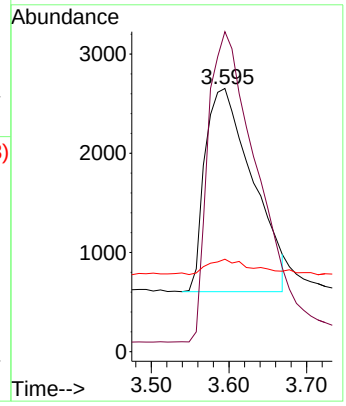
Instrument :
BNA_N
ClientSampleId :

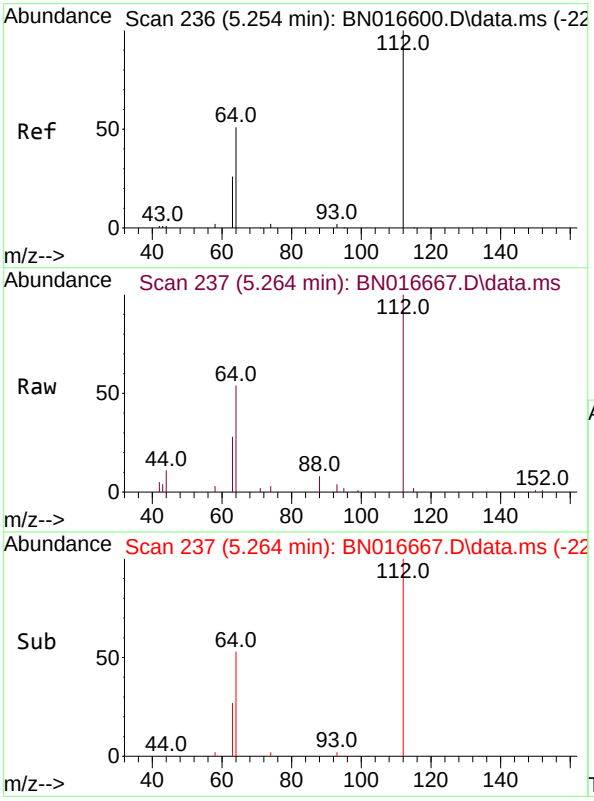


#3
n-Nitrosodimethylamine
Concen: 0.372 ng
RT: 3.595 min Scan# 56
Delta R.T. 0.019 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion: 42 Resp: 8740

Ion	Ratio	Lower	Upper
42	100		
74	152.9	121.6	182.4
44	6.3	6.3	9.5#

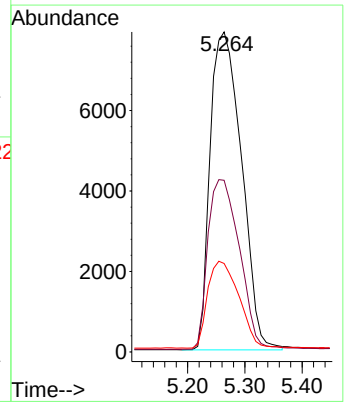




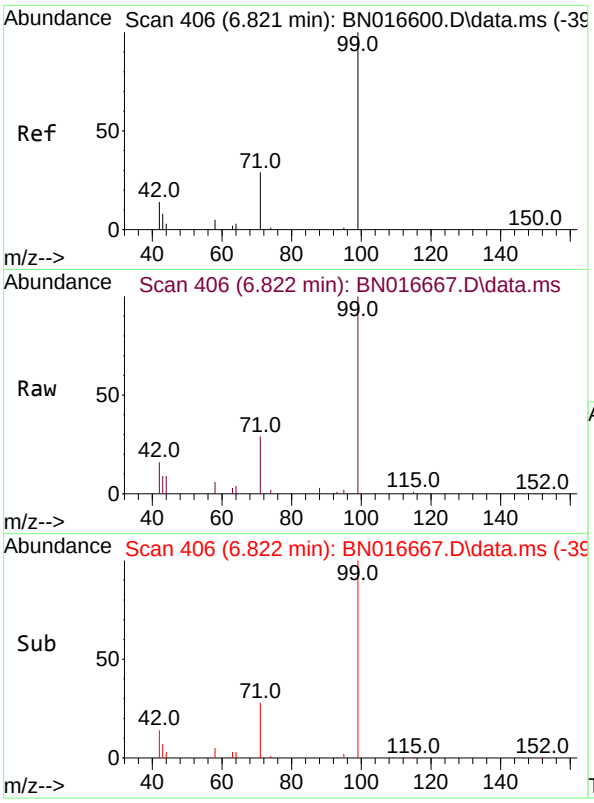
#4
2-Fluorophenol
Concen: 0.372 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.010 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:112 Resp: 30087

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	27.3	21.6	32.4



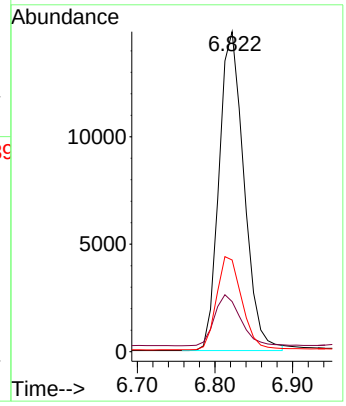
Instrument :
BNA_N
ClientSampleId :

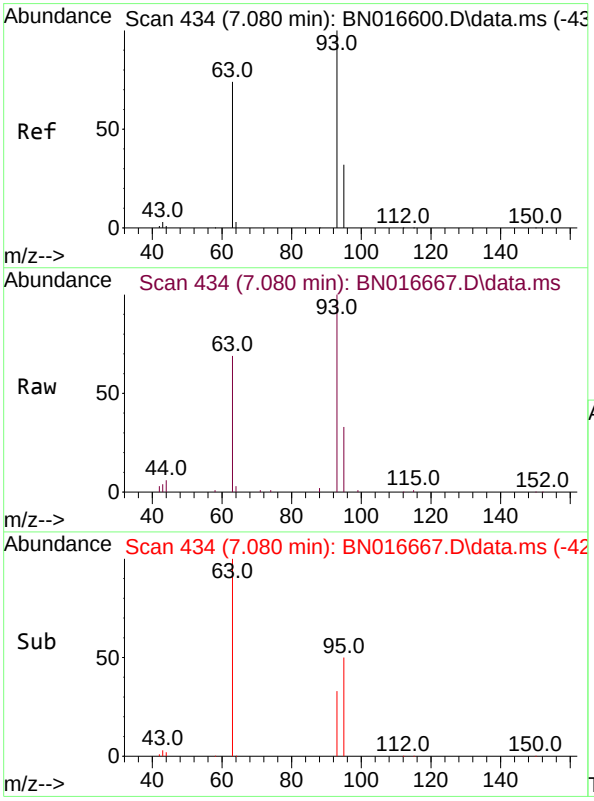


#5
Phenol-d6
Concen: 0.374 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion: 99 Resp: 33113

Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.0	19.6
71	29.6	23.5	35.3

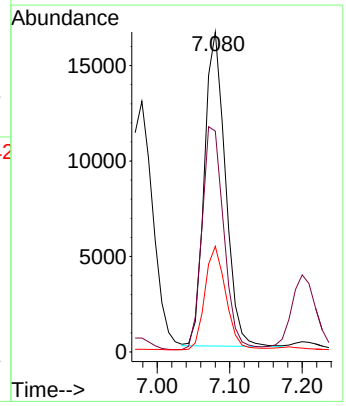




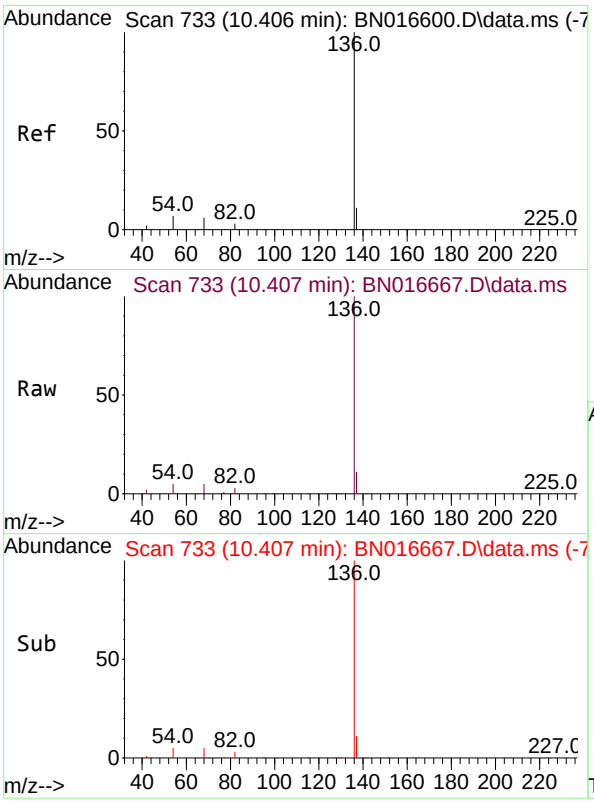
#6
bis(2-Chloroethyl)ether
Concen: 0.383 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion: 93 Resp: 33078

Ion	Ratio	Lower	Upper
93	100		
63	74.1	59.1	88.7
95	32.9	26.2	39.4



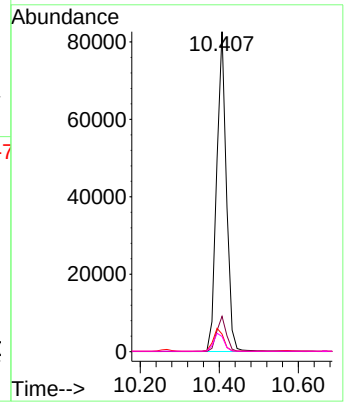
Instrument :
BNA_N
ClientSampleId :

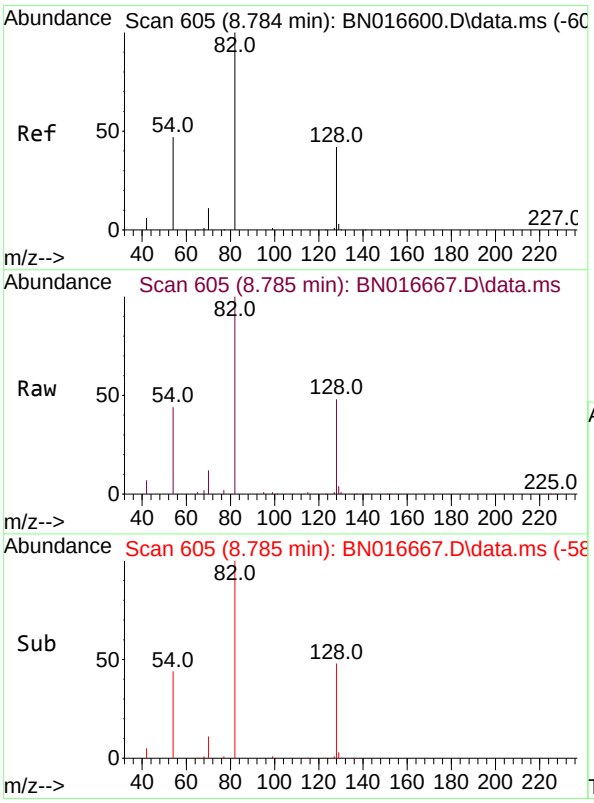


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:136 Resp: 141028

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	5.5	5.9	8.9#
68	4.7	5.0	7.6#

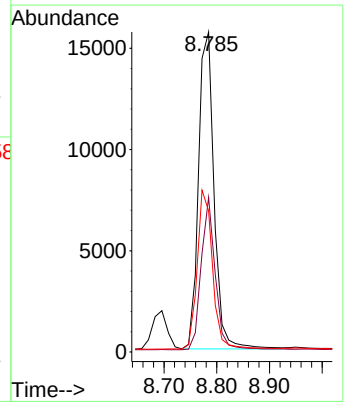


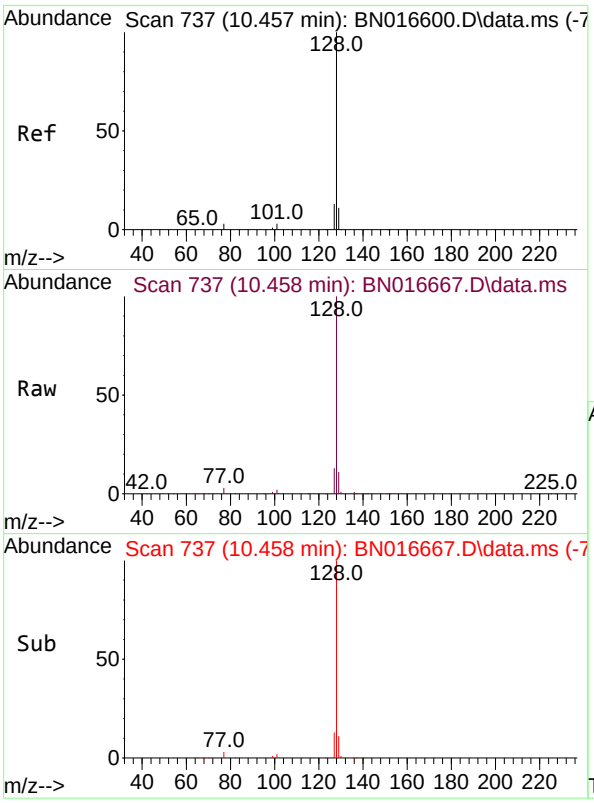


#8
Nitrobenzene-d5
Concen: 0.351 ng
RT: 8.785 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion: 82 Resp: 32287

Ion	Ratio	Lower	Upper
82	100		
128	48.3	33.6	50.4
54	44.1	37.6	56.4

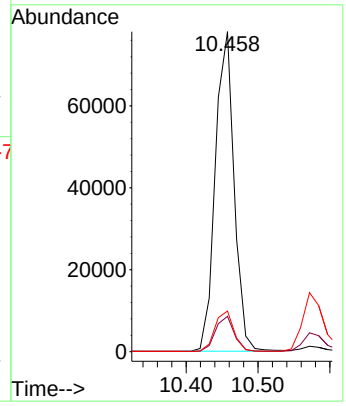




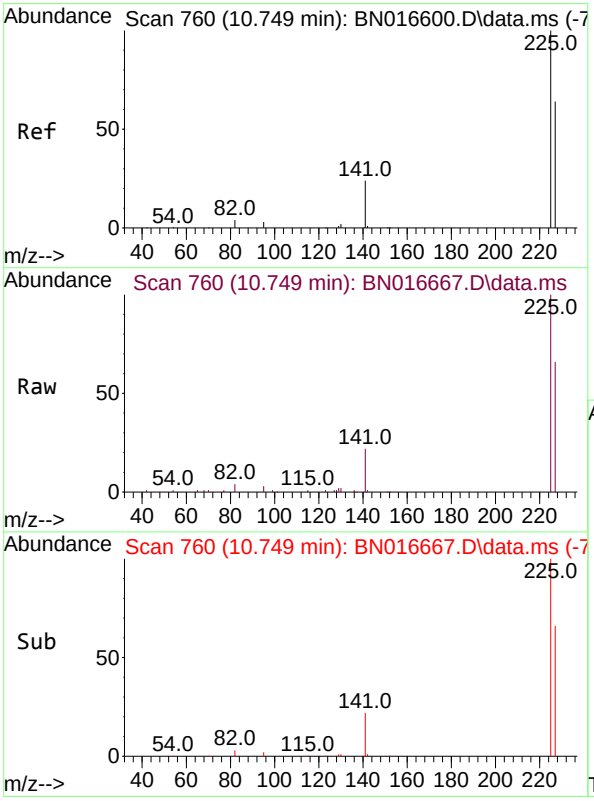
#9
Naphthalene
Concen: 0.369 ng
RT: 10.458 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:128 Resp: 141555

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	12.7	10.3	15.5



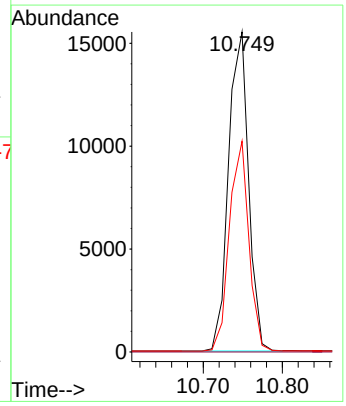
Instrument :
BNA_N
ClientSampleId :

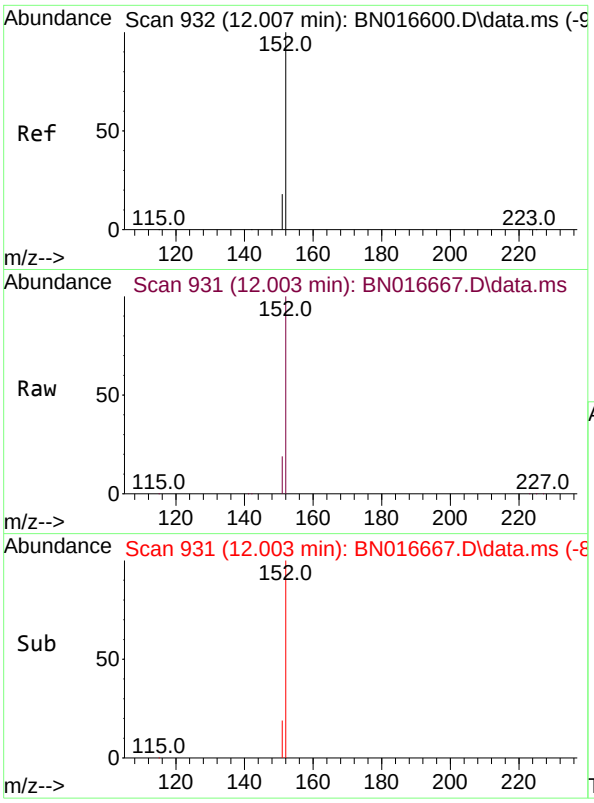


#10
Hexachlorobutadiene
Concen: 0.378 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:225 Resp: 27217

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6

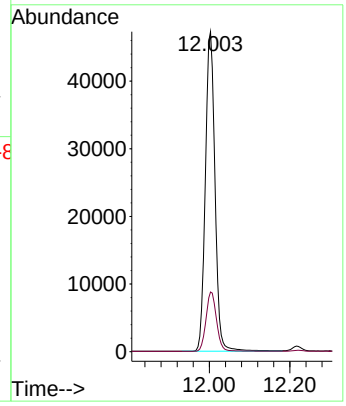




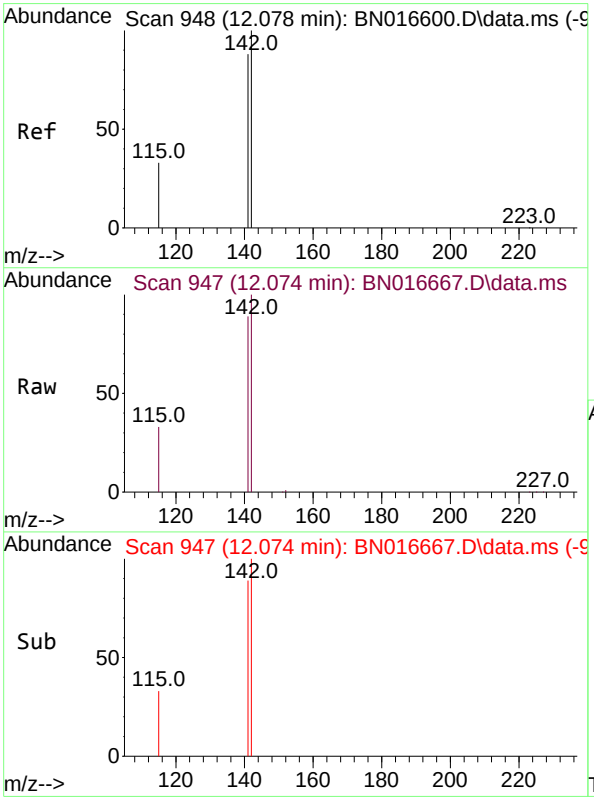
#11
2-Methylnaphthalene-d10
Concen: 0.377 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:152 Resp: 78626

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4



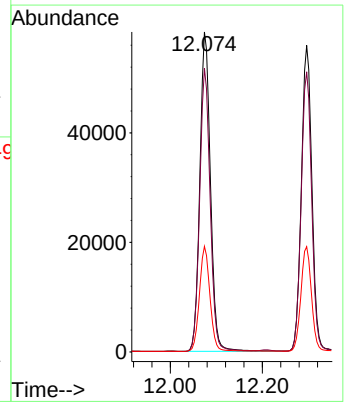
Instrument :
BNA_N
ClientSampleId :

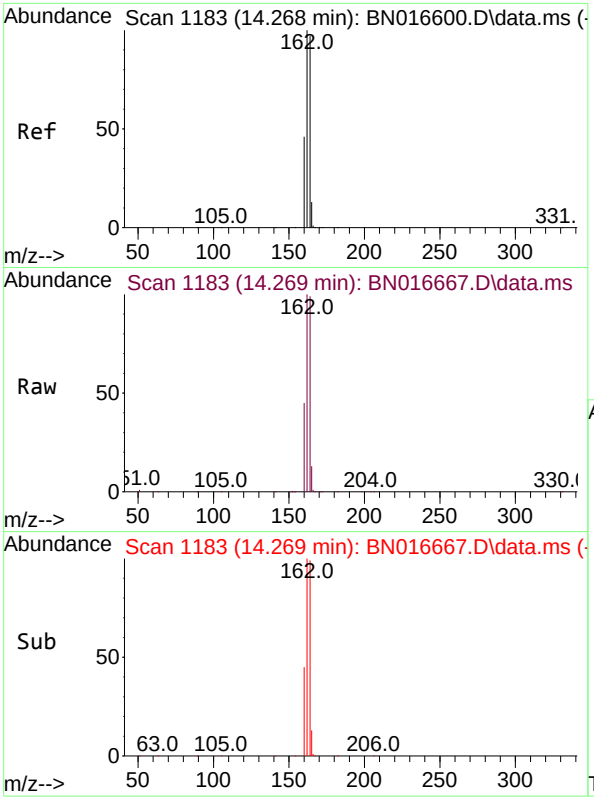


#12
2-Methylnaphthalene
Concen: 0.383 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.004 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:142 Resp: 93623

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.6	105.8
115	33.0	26.6	39.8

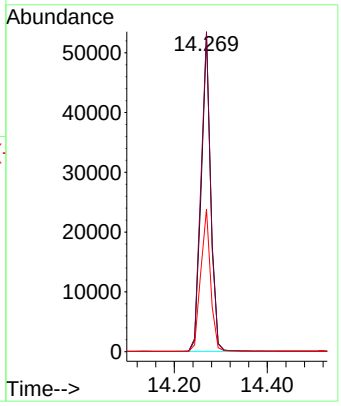




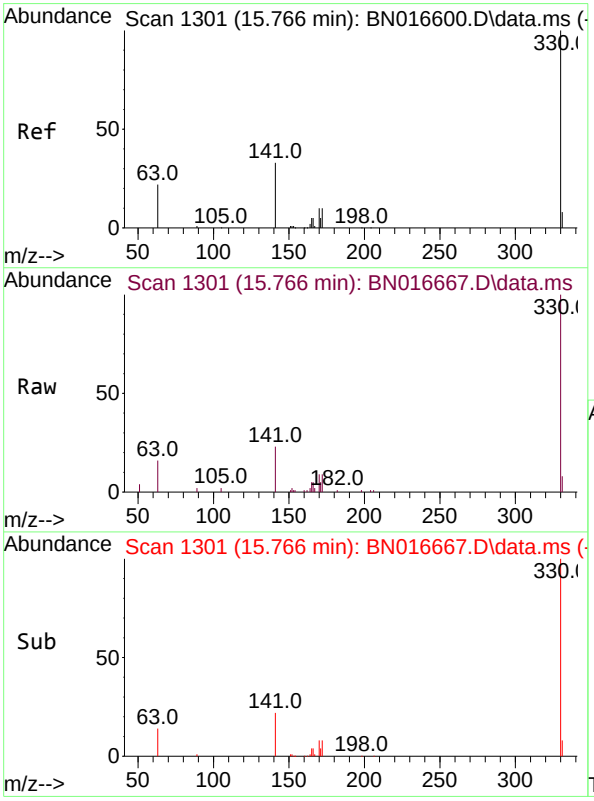
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:164 Resp: 75673

Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	44.9	37.7	56.5



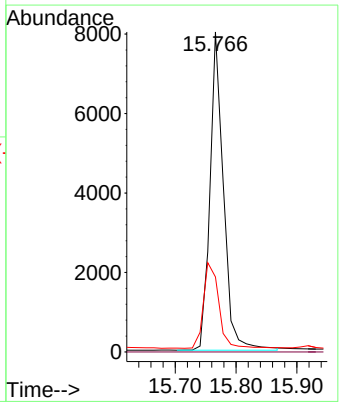
Instrument :
BNA_N
ClientSampleId :



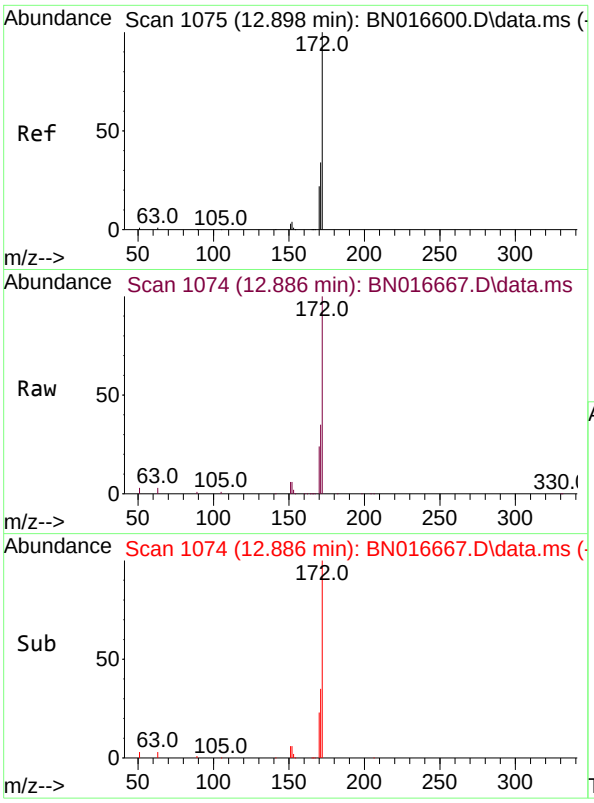
#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:330 Resp: 12402

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.4	25.2	37.8



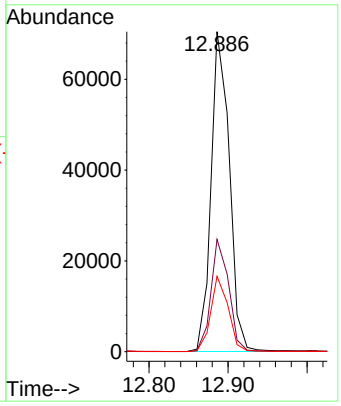
Instrument :
BNA_N
ClientSampleId :

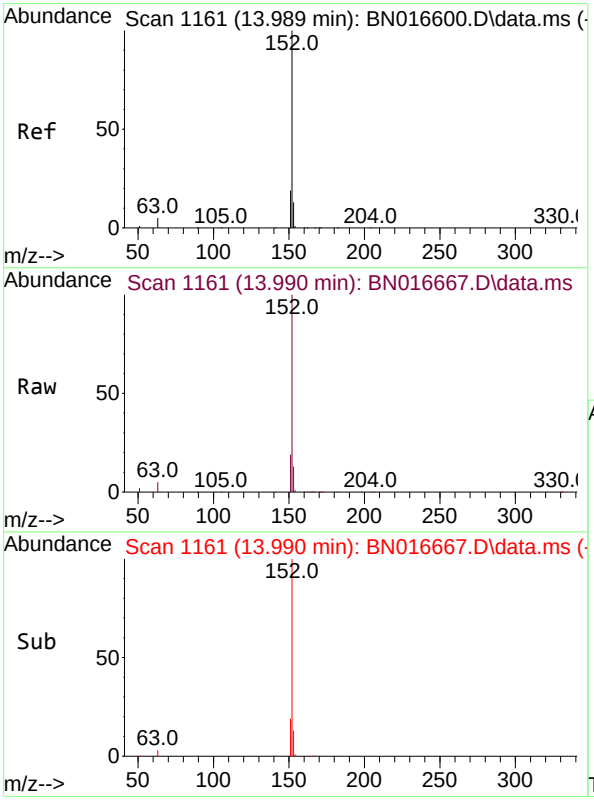


#15
2-Fluorobiphenyl
Concen: 0.368 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.012 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:172 Resp: 112895

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.0	40.4
170	23.6	17.4	26.2

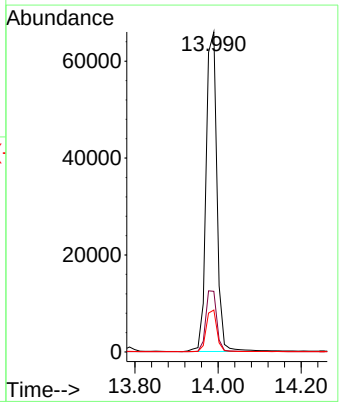




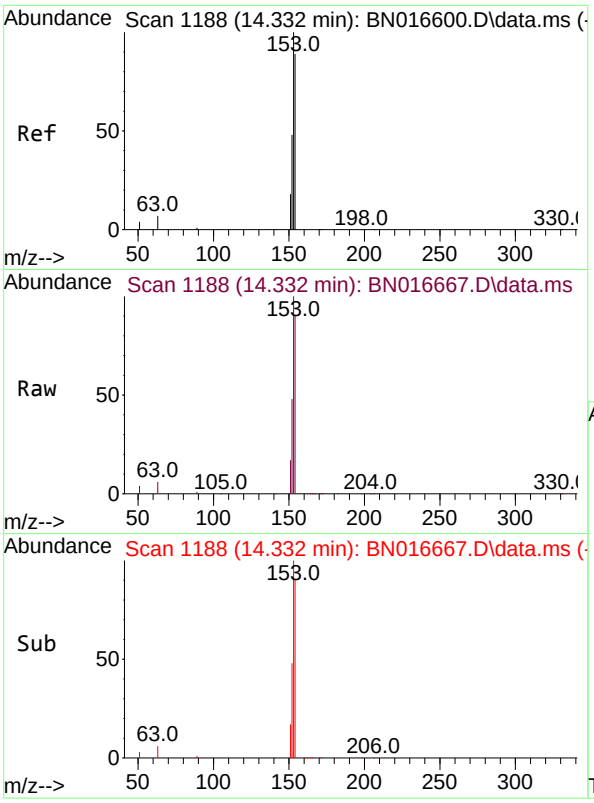
#16
Acenaphthylene
Concen: 0.361 ng
RT: 13.990 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:152 Resp: 119627

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



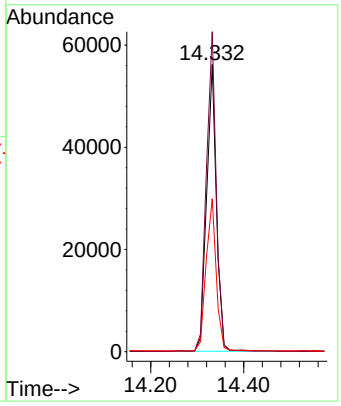
Instrument :
BNA_N
ClientSampleId :

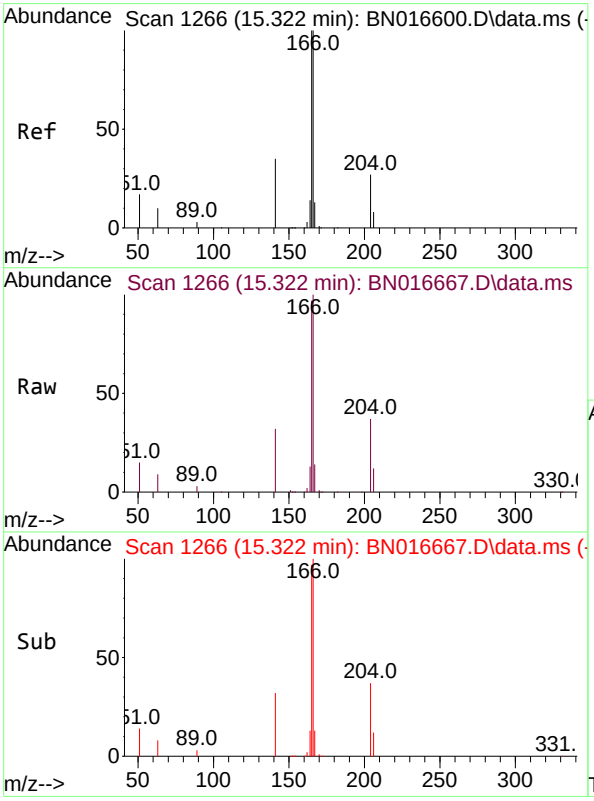


#17
Acenaphthene
Concen: 0.370 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:154 Resp: 82465

Ion	Ratio	Lower	Upper
154	100		
153	112.8	90.2	135.2
152	54.9	44.0	66.0

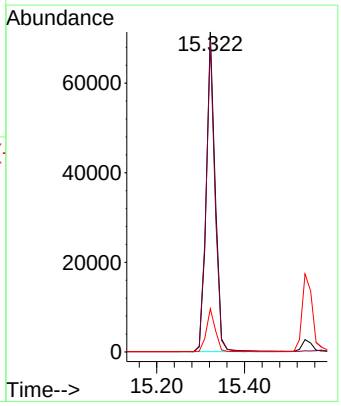




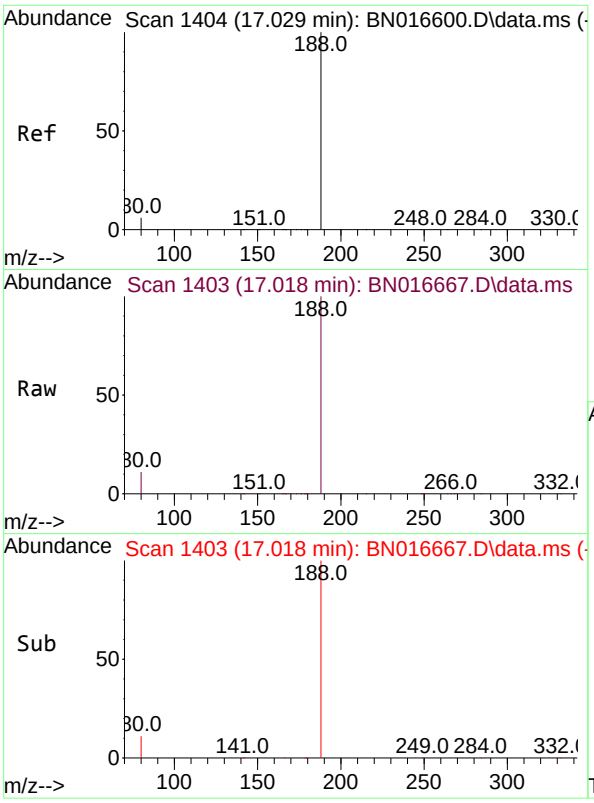
#18
Fluorene
Concen: 0.381 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:166 Resp: 100258

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.9	116.9
167	13.5	10.7	16.1



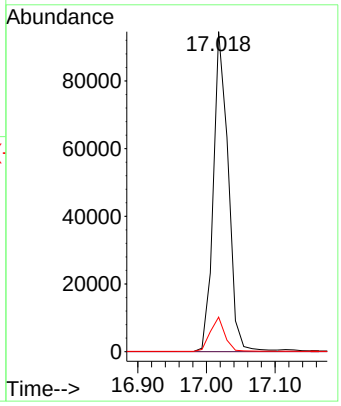
Instrument :
BNA_N
ClientSampleId :

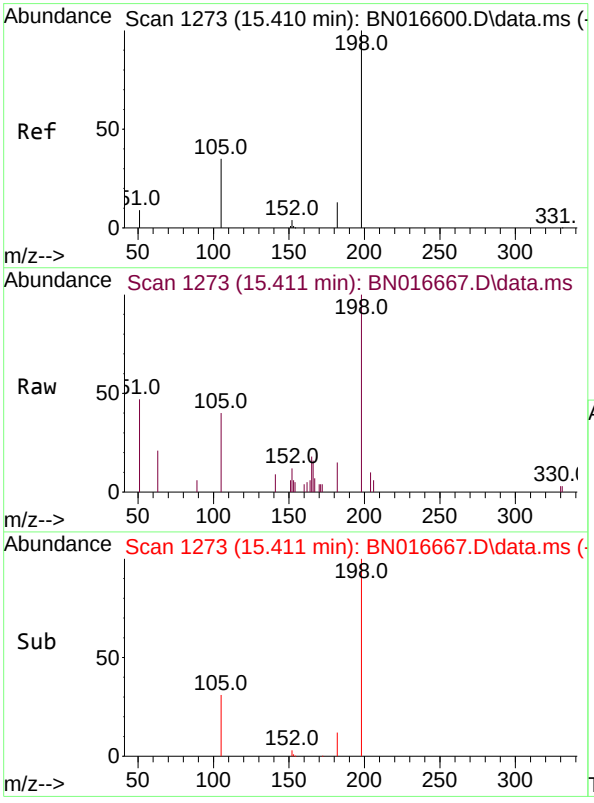


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.018 min Scan# 1403
Delta R.T. -0.012 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:188 Resp: 142329

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.8	5.0	7.6#

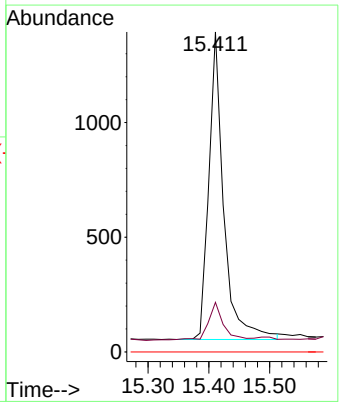


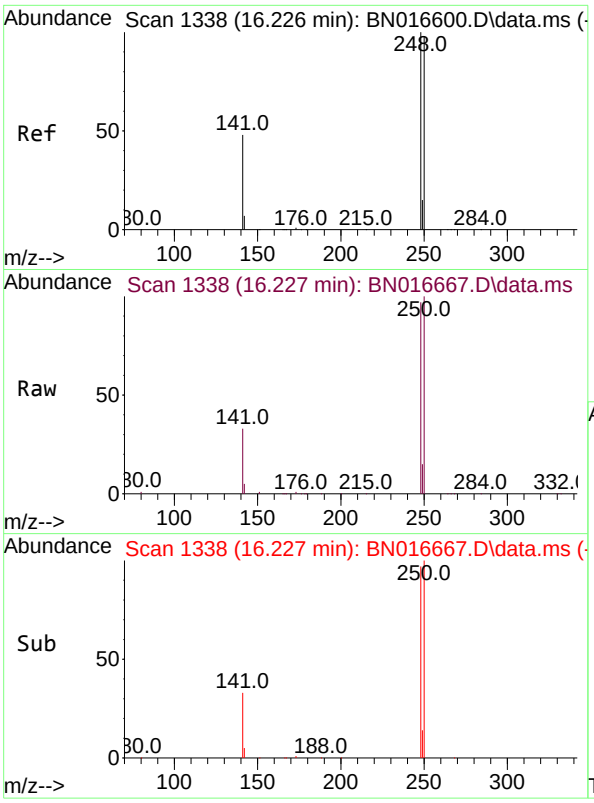


#20
4,6-Dinitro-2-methylphenol
Concen: 0.261 ng
RT: 15.411 min Scan# 1273
Delta R.T. 0.001 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:198 Resp: 2284

Ion	Ratio	Lower	Upper
198	100		
182	15.5	11.8	17.8
77	0.0	0.0	0.0

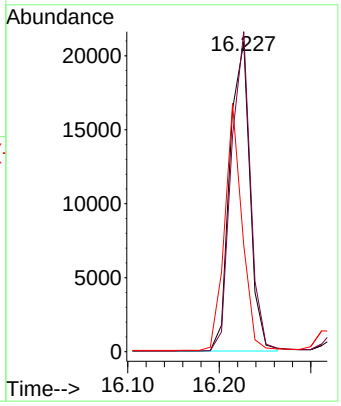




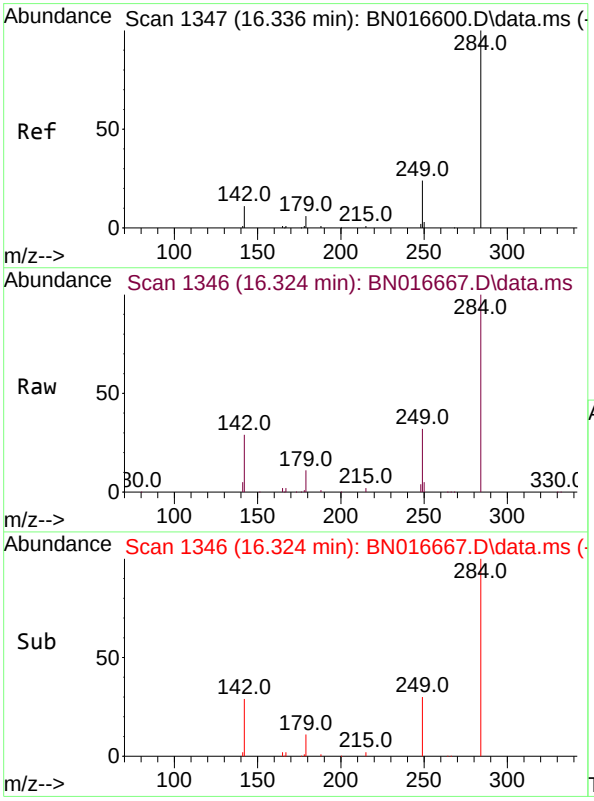
#21
4-Bromophenyl-phenylether
Concen: 0.360 ng
RT: 16.227 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:248 Resp: 31809

Ion	Ratio	Lower	Upper
248	100		
250	103.4	78.6	117.8
141	34.4	38.6	57.8#



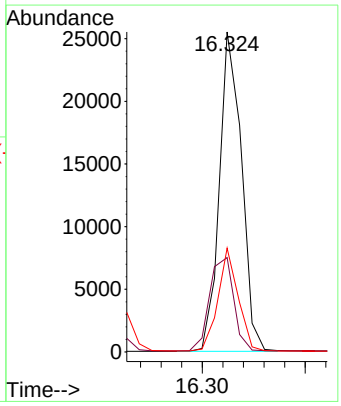
Instrument :
BNA_N
ClientSampleId :



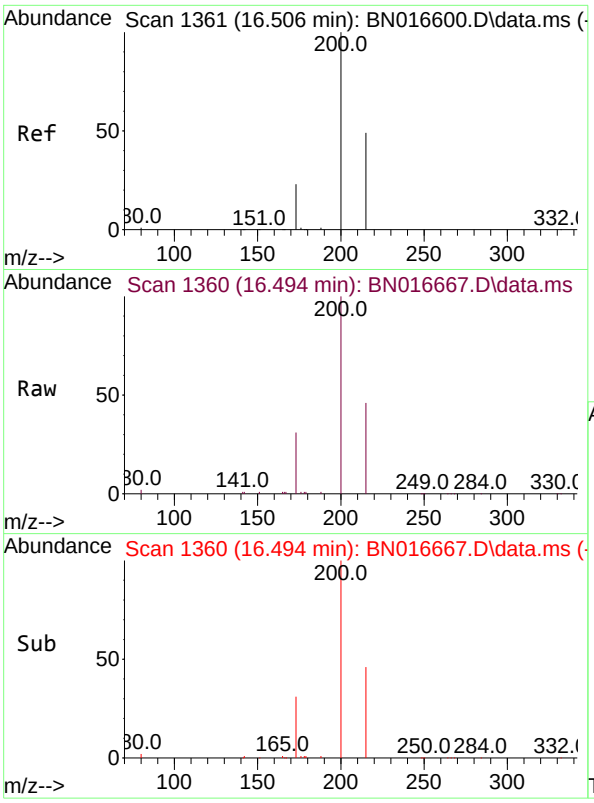
#22
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:284 Resp: 38012

Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.4	39.6
249	29.2	23.4	35.2



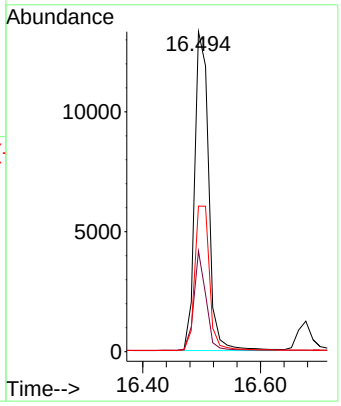
Instrument :
BNA_N
ClientSampleId :

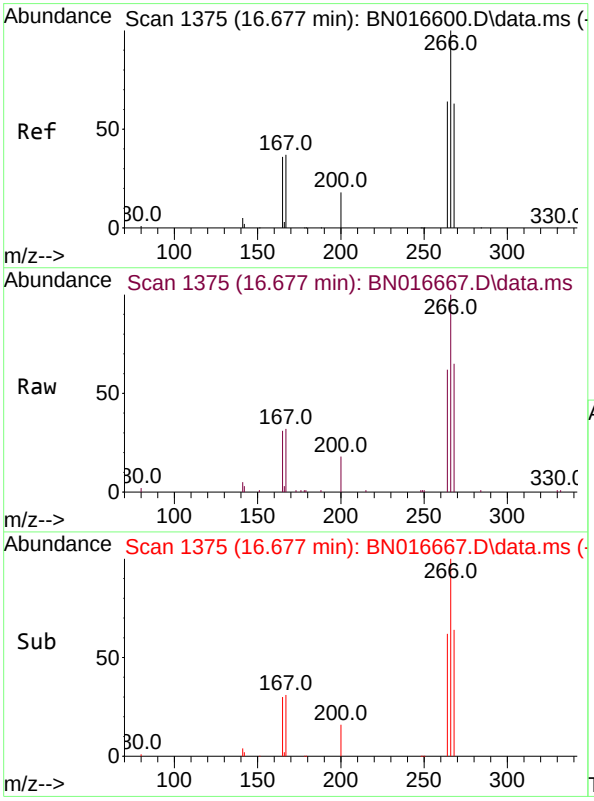


#23
Atrazine
Concen: 0.343 ng
RT: 16.494 min Scan# 1360
Delta R.T. -0.012 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:200 Resp: 22064

Ion	Ratio	Lower	Upper
200	100		
173	31.5	18.6	27.8#
215	45.5	39.4	59.2

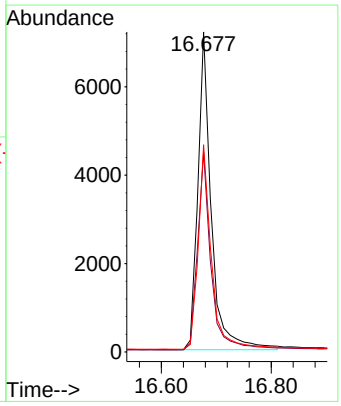




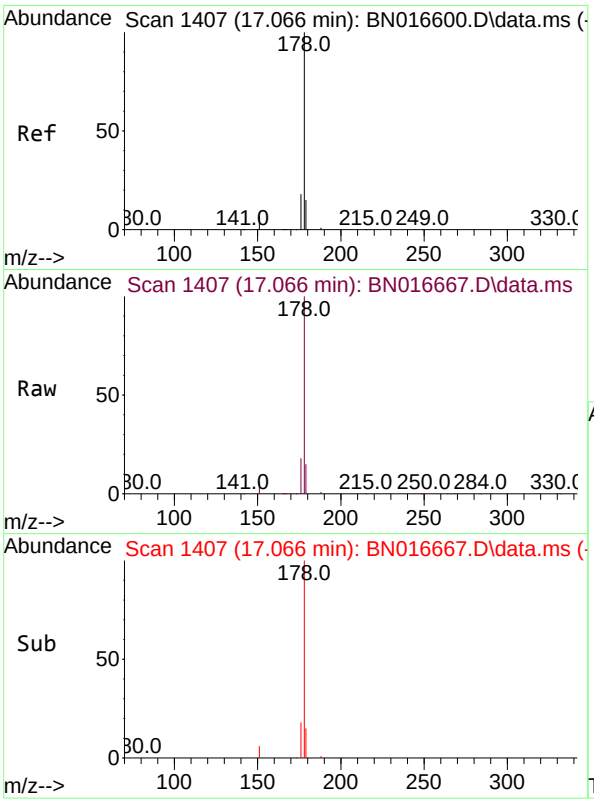
#24
Pentachlorophenol
Concen: 0.361 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:266 Resp: 12234

Ion	Ratio	Lower	Upper
266	100		
264	62.7	49.8	74.6
268	63.7	51.4	77.2



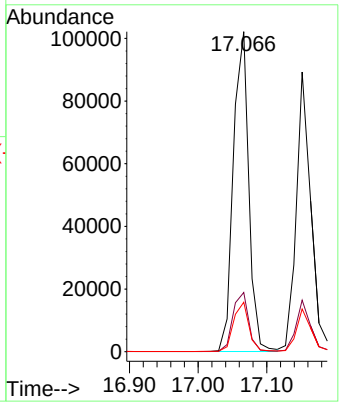
Instrument :
BNA_N
ClientSampleId :

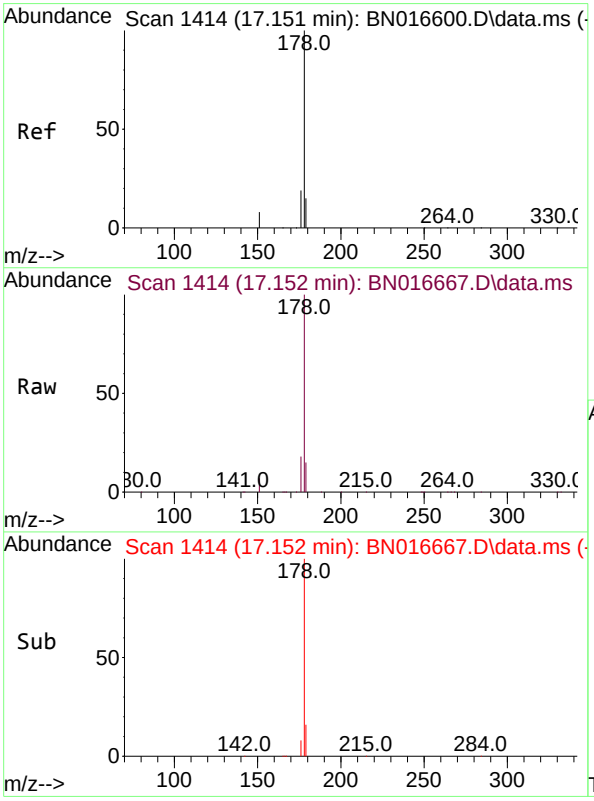


#25
Phenanthrene
Concen: 0.373 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:178 Resp: 159929

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.4
179	15.5	12.2	18.4

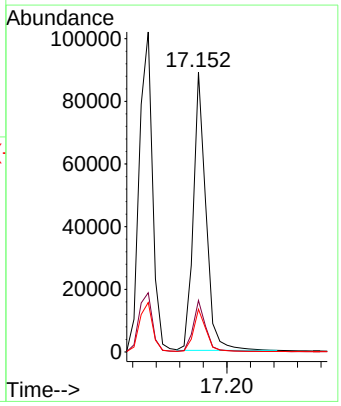


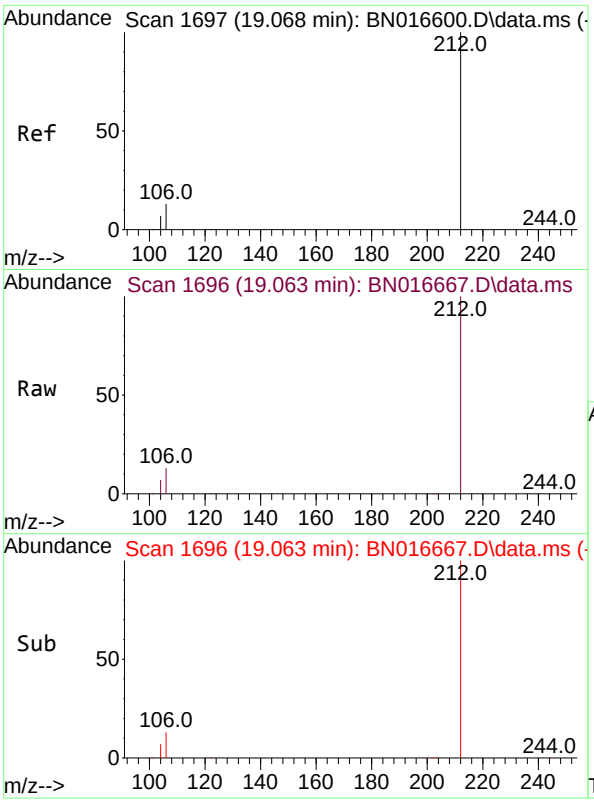


#26
Anthracene
Concen: 0.357 ng
RT: 17.152 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:178 Resp: 131892

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4

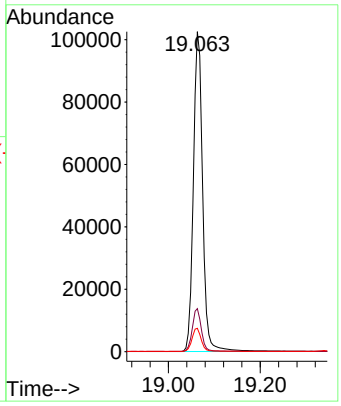




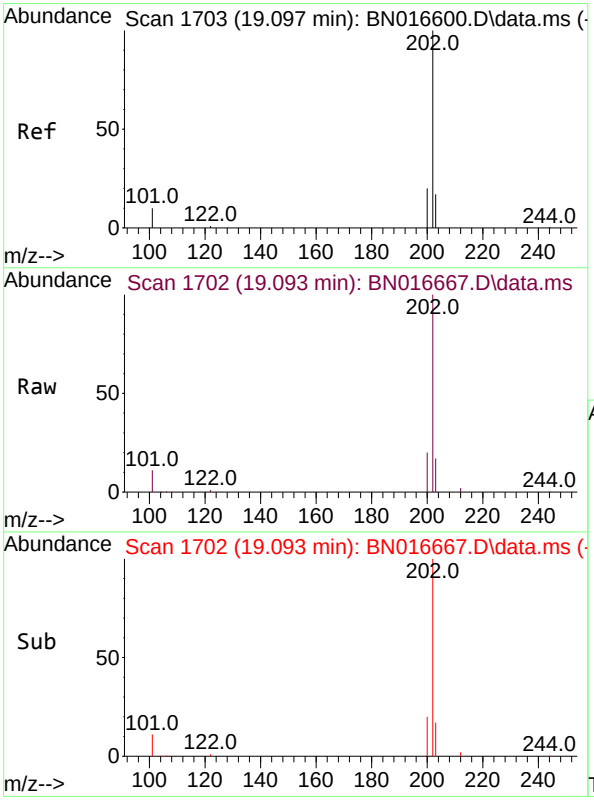
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.063 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:212 Resp: 143137

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	16.0
104	7.3	5.9	8.9



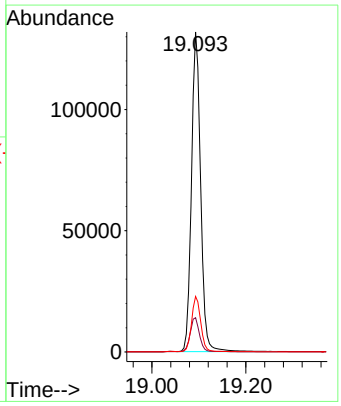
Instrument :
BNA_N
ClientSampleId :



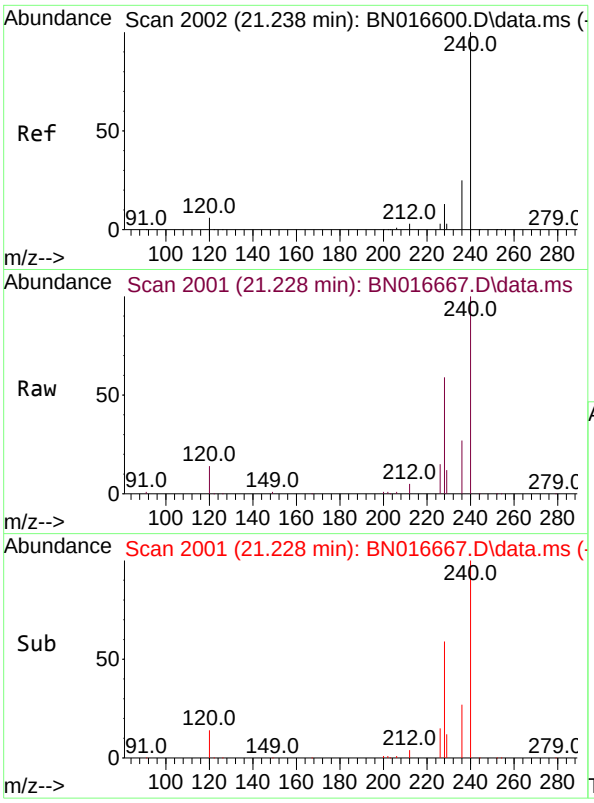
#28
Fluoranthene
Concen: 0.386 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.005 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:202 Resp: 178440

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.4	13.8	20.6



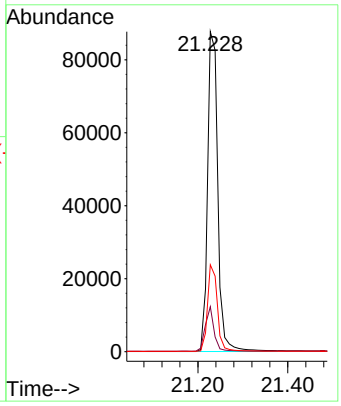
Instrument :
BNA_N
ClientSampleId :

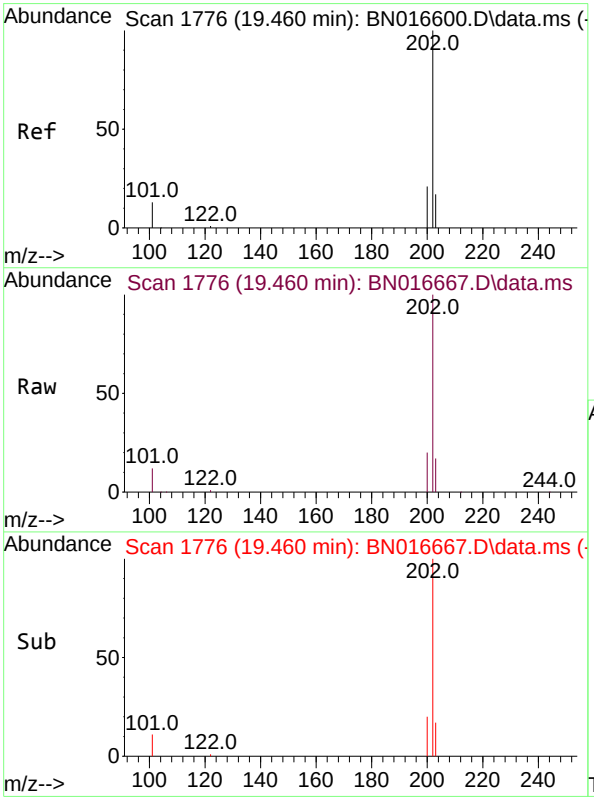


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.228 min Scan# 2001
Delta R.T. -0.010 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:240 Resp: 137783

Ion	Ratio	Lower	Upper
240	100		
120	14.0	5.0	7.4#
236	27.2	20.4	30.6

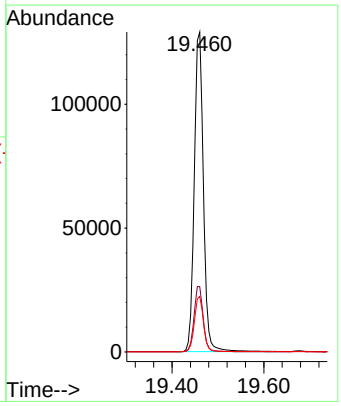


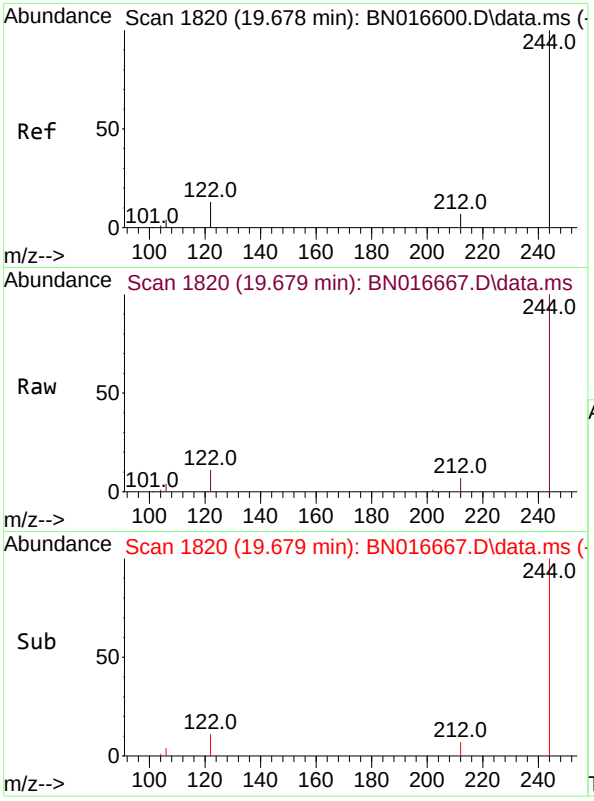


#30
Pyrene
Concen: 0.400 ng
RT: 19.460 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:202 Resp: 178447

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.4	14.0	21.0

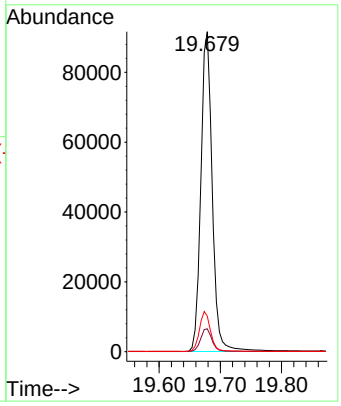




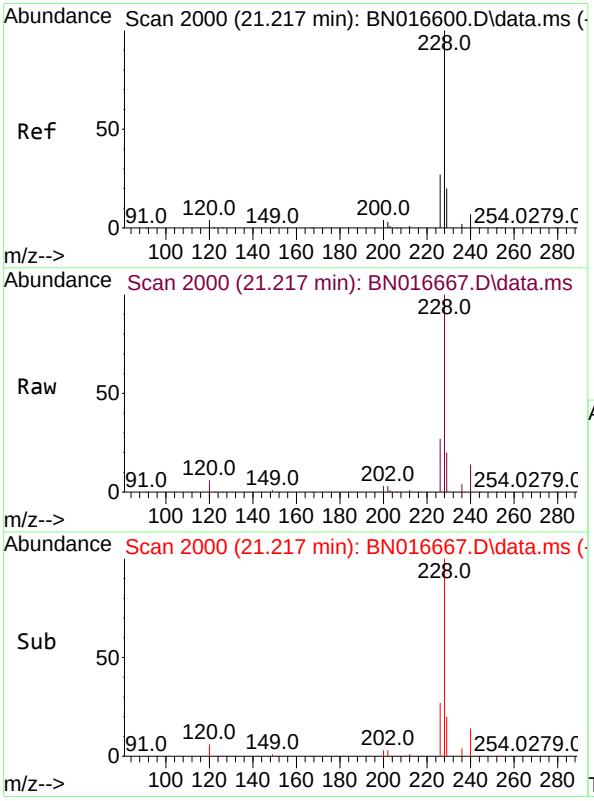
#31
Terphenyl-d14
Concen: 0.394 ng
RT: 19.679 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:244 Resp: 118081

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	11.1	10.1	15.1



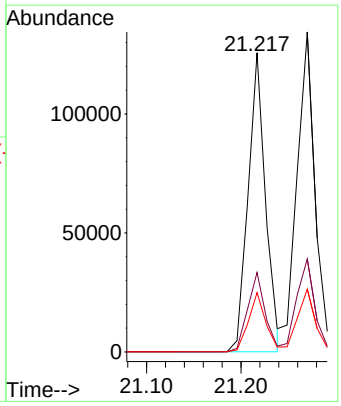
Instrument :
BNA_N
ClientSampleId :

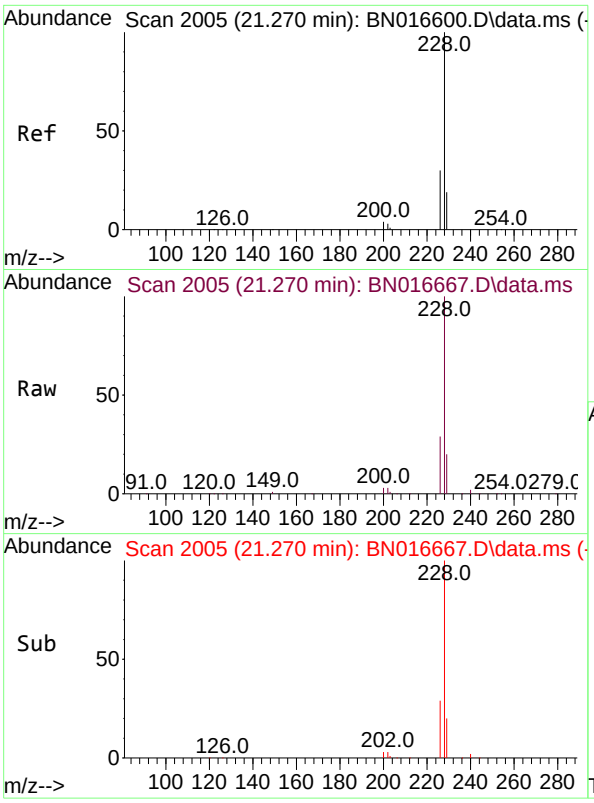


#32
Benzo(a)anthracene
Concen: 0.380 ng
RT: 21.217 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:228 Resp: 160880

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.9	32.9
229	19.8	15.7	23.5

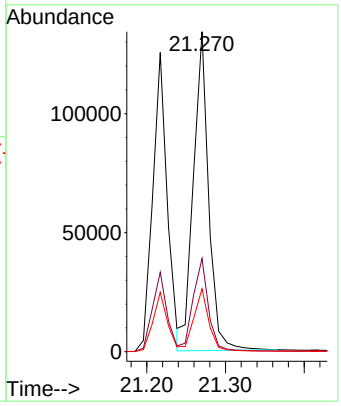




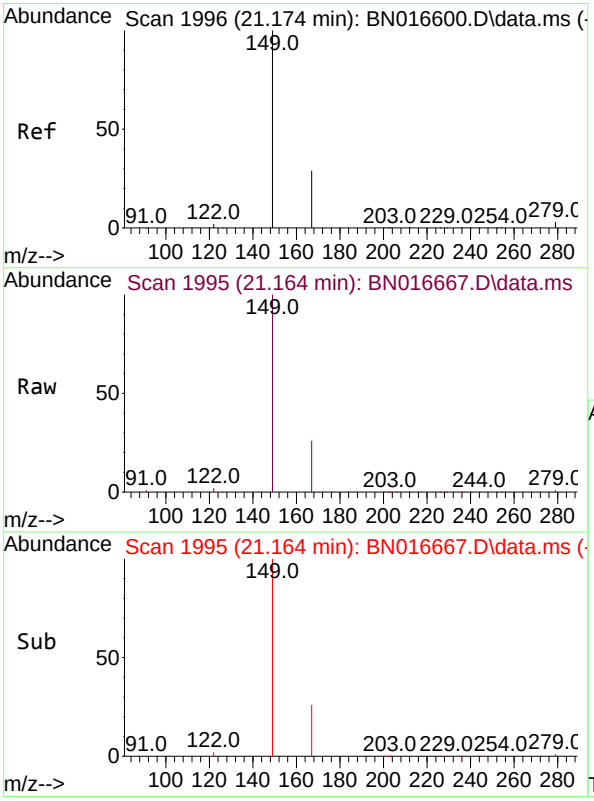
#33
Chrysene
Concen: 0.421 ng
RT: 21.270 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:228 Resp: 180128

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	19.7	15.5	23.3



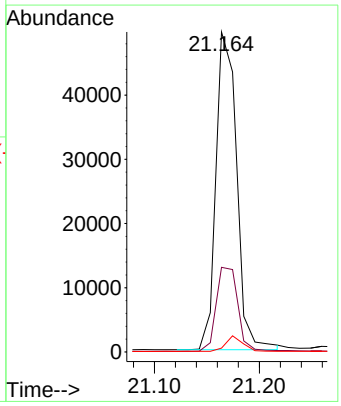
Instrument :
BNA_N
ClientSampleId :

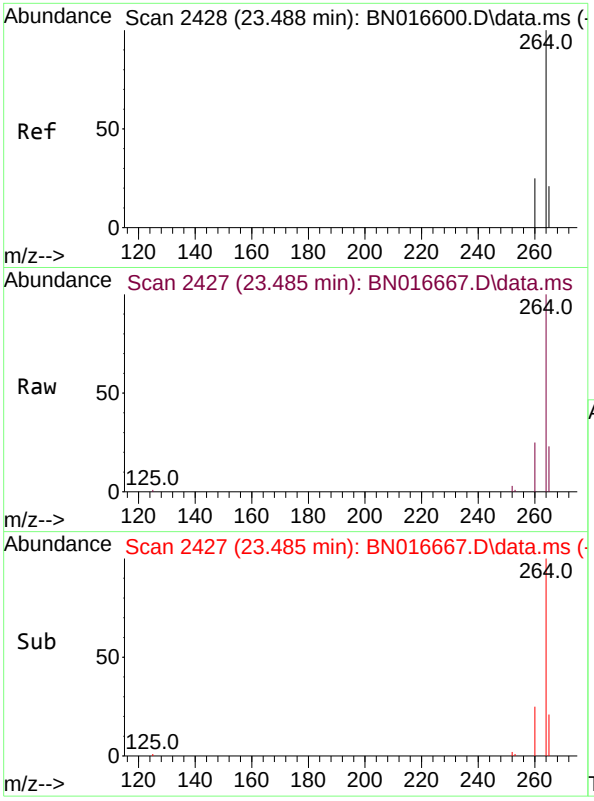


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.403 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.010 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:149 Resp: 67999

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.2	33.4
279	4.1	3.2	4.8

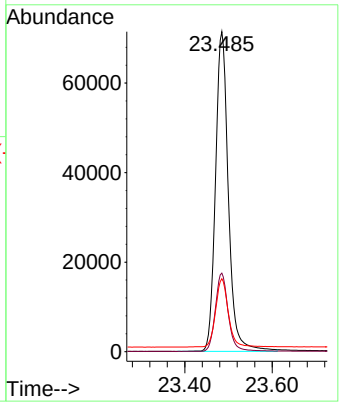




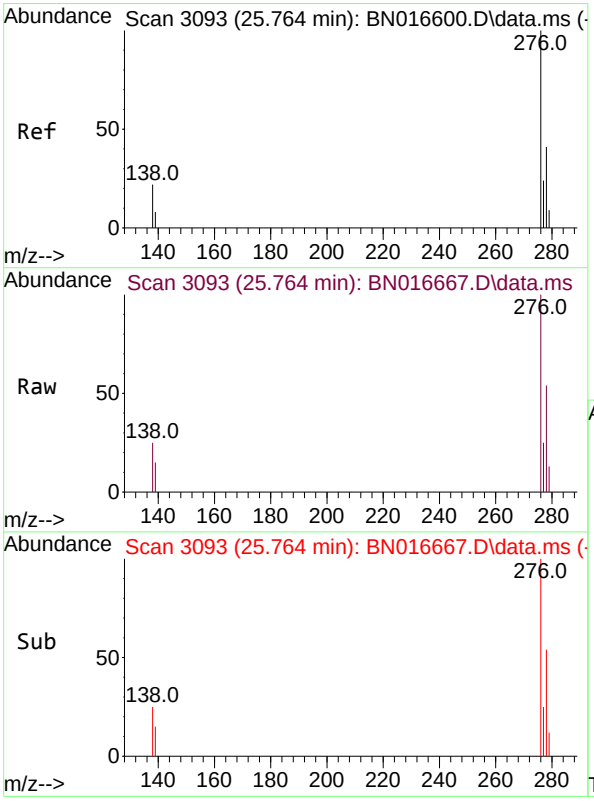
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.485 min Scan# 2427
Delta R.T. -0.003 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:264 Resp: 145842

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.9	29.9
265	22.8	19.2	28.8



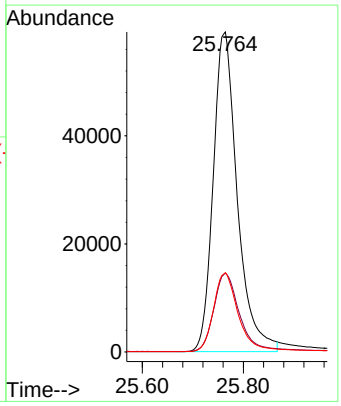
Instrument :
BNA_N
ClientSampleId :

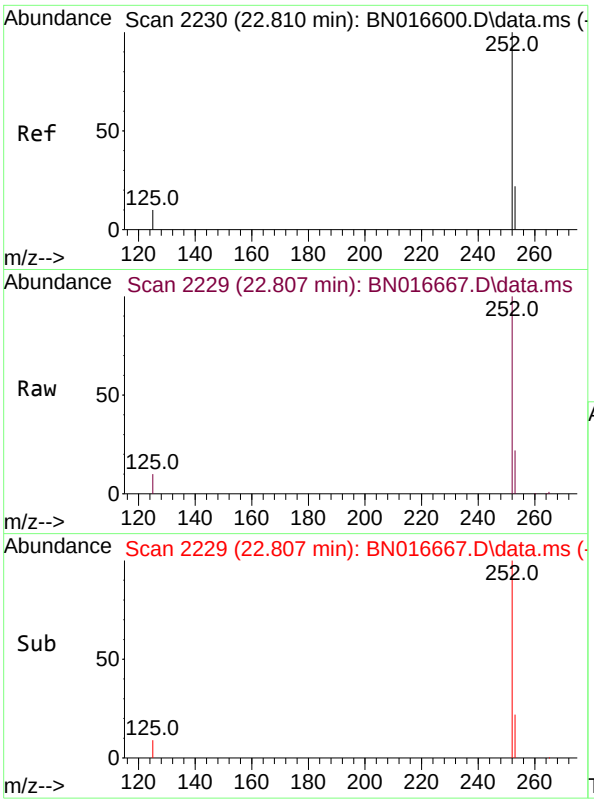


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng
RT: 25.764 min Scan# 3093
Delta R.T. 0.000 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:276 Resp: 196099

Ion	Ratio	Lower	Upper
276	100		
138	25.7	19.5	29.3
277	25.0	19.9	29.9

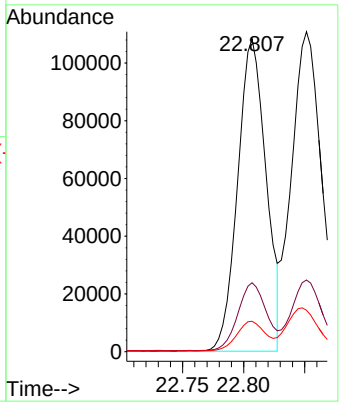




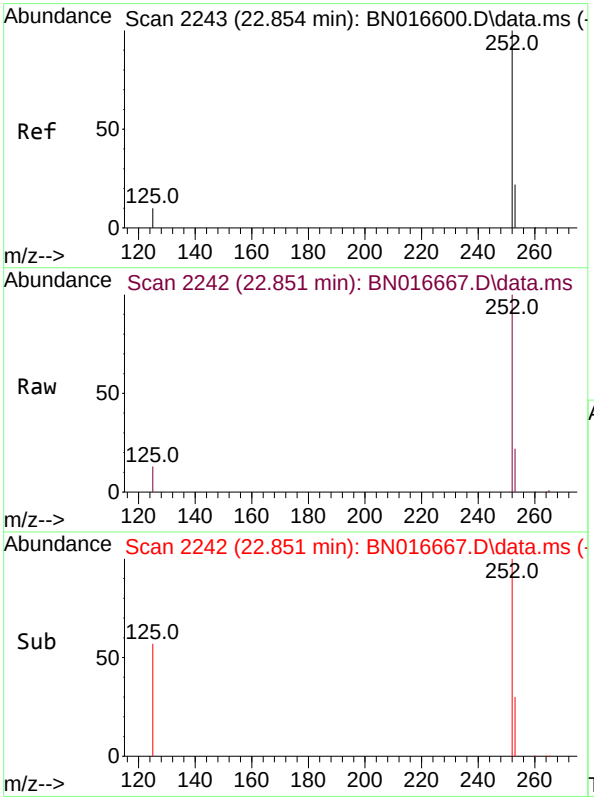
#37
Benzo(b)fluoranthene
Concen: 0.373 ng
RT: 22.807 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:252 Resp: 174813

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.8
125	9.7	8.0	12.0



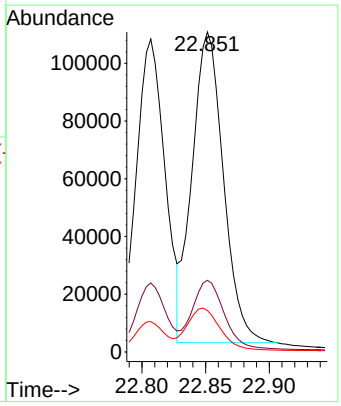
Instrument :
BNA_N
ClientSampleId :

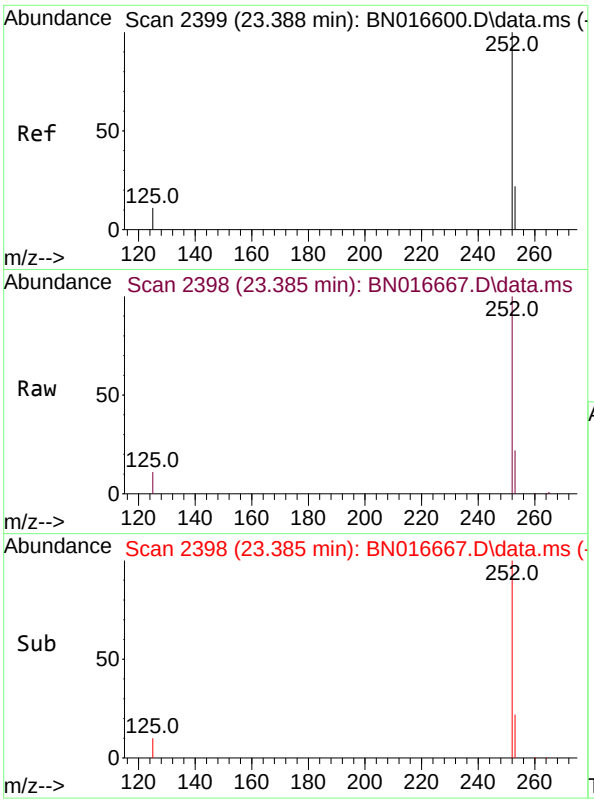


#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.003 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:252 Resp: 184197

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.0	8.0	12.0#

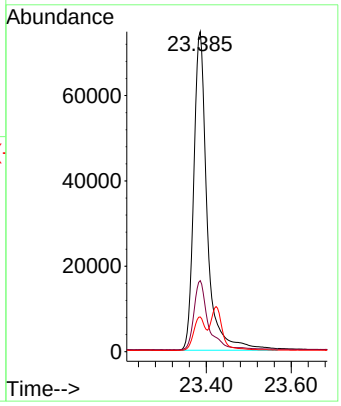




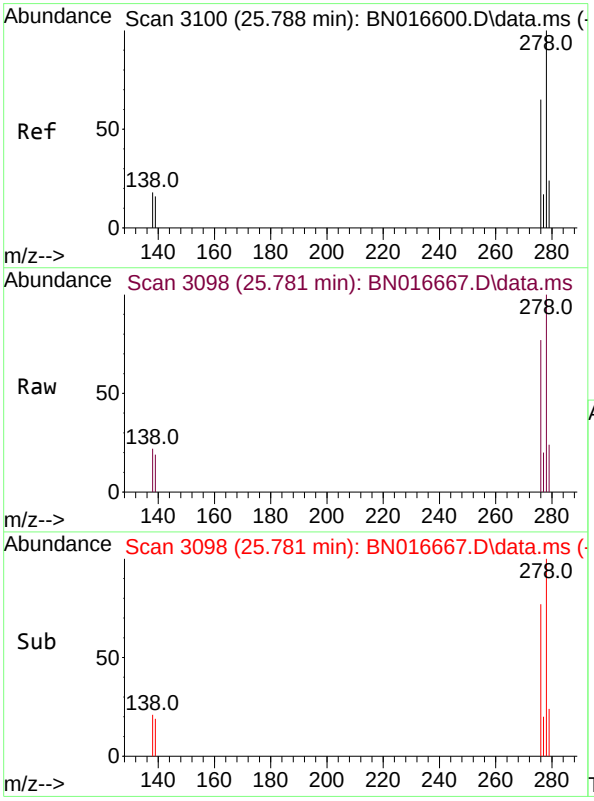
#39
Benzo(a)pyrene
Concen: 0.391 ng
RT: 23.385 min Scan# 2398
Delta R.T. -0.003 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:252 Resp: 163098

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	10.9	9.0	13.4



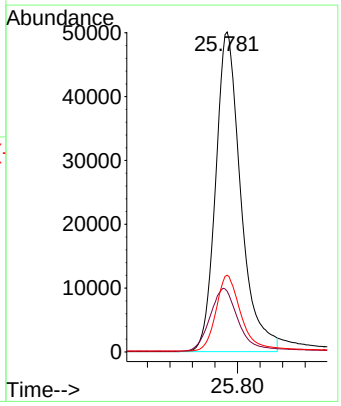
Instrument :
BNA_N
ClientSampleId :

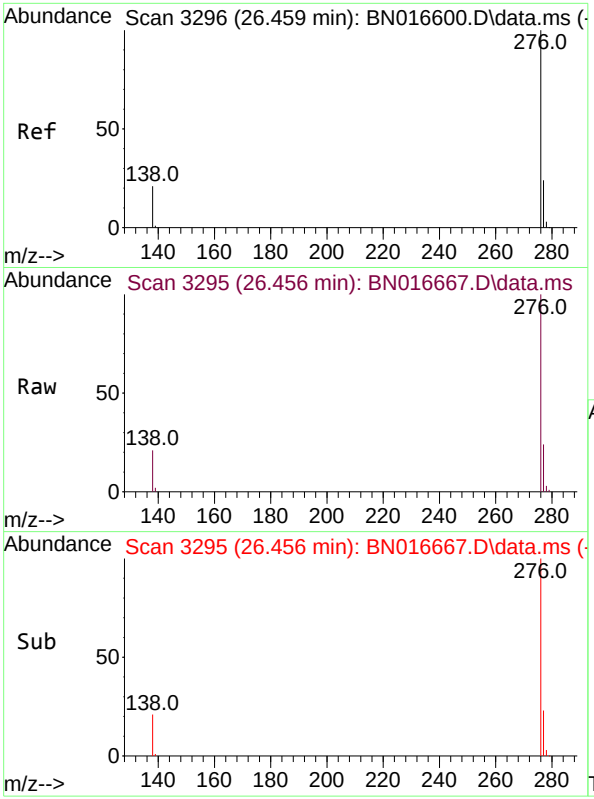


#40
Dibenzo(a,h)anthracene
Concen: 0.369 ng
RT: 25.781 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:278 Resp: 154870

Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.1	19.7
279	24.0	19.1	28.7

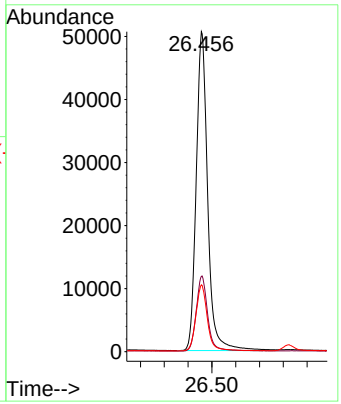




#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 26.456 min Scan# 3295
Delta R.T. -0.003 min
Lab File: BN016667.D
Acq: 02 Oct 2021 11:44

Tgt Ion:276 Resp: 169051

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.6
138	20.9	16.9	25.3



Instrument :
BNA_N
ClientSampleId :