Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100821\
Data File : BN016875.D
Acq On : 09 Oct 2021 11:00
Operator : CG/JU
Sample : M3966-05
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-830-J-SO-3-3.5-092721

Quant Time: Oct 11 01:02:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.605	152	23106	0.400	ng		0.00
7) Naphthalene-d8	10.381	136	107119	0.400	ng	#	0.00
13) Acenaphthene-d10	14.243	164	59162	0.400	ng		0.00
19) Phenanthrene-d10	16.993	188	113919	0.400	ng	#	-0.01
29) Chrysene-d12	21.216	240	109739	0.400	ng	#	0.01
35) Perylene-d12	23.457	264	126163	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.245	112	15885	0.275	ng		0.00
5) Phenol-d6	6.803	99	16917	0.258	ng		0.00
8) Nitrobenzene-d5	8.746	82	19527	0.260	ng		-0.01
11) 2-Methylnaphthalene-d10	11.976	152	42319	0.265	ng		0.00
14) 2,4,6-Tribromophenol	15.740	330	9196	0.300	ng		-0.01
15) 2-Fluorobiphenyl	12.860	172	52117	0.218	ng		-0.01
27) Fluoranthene-d10	19.043	212	75271	0.238	ng		0.00
31) Terphenyl-d14	19.653	244	56483	0.236	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.432	128	189100	0.648	ng		99
12) 2-Methylnaphthalene	12.047	142	55469	0.297	ng		100
16) Acenaphthylene	13.964	152	93520	0.358	ng		98
17) Acenaphthene	14.306	154	129735	0.748	ng		100
18) Fluorene	15.296	166	152177	0.721	ng		98
20) 4,6-Dinitro-2-methylph...	15.398	198	190	0.213	ng	#	1
24) Pentachlorophenol	16.652	266	871	0.126	ng		98
25) Phenanthrene	17.042	178	1293196	3.822	ng		100
26) Anthracene	17.127	178	291021	0.968	ng	#	95
28) Fluoranthene	19.072	202	2500092	6.580	ng		99
30) Pyrene	19.435	202	2147260	6.363	ng	#	94
32) Benzo(a)anthracene	21.195	228	1314338	3.873	ng		98
33) Chrysene	21.248	228	1181015	3.417	ng		95
34) Bis(2-ethylhexyl)phtha...	21.142	149	128523	0.745	ng		98
36) Indeno(1,2,3-cd)pyrene	25.723	276	822441	1.721	ng		97
37) Benzo(b)fluoranthene	22.786	252	1695781	4.246	ng		97
39) Benzo(a)pyrene	23.357	252	1222662	3.351	ng		98
40) Dibenzo(a,h)anthracene	25.733	278	197216	0.504	ng	#	88
41) Benzo(g,h,i)perylene	26.417	276	806364	1.941	ng		99

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:46:07 2021
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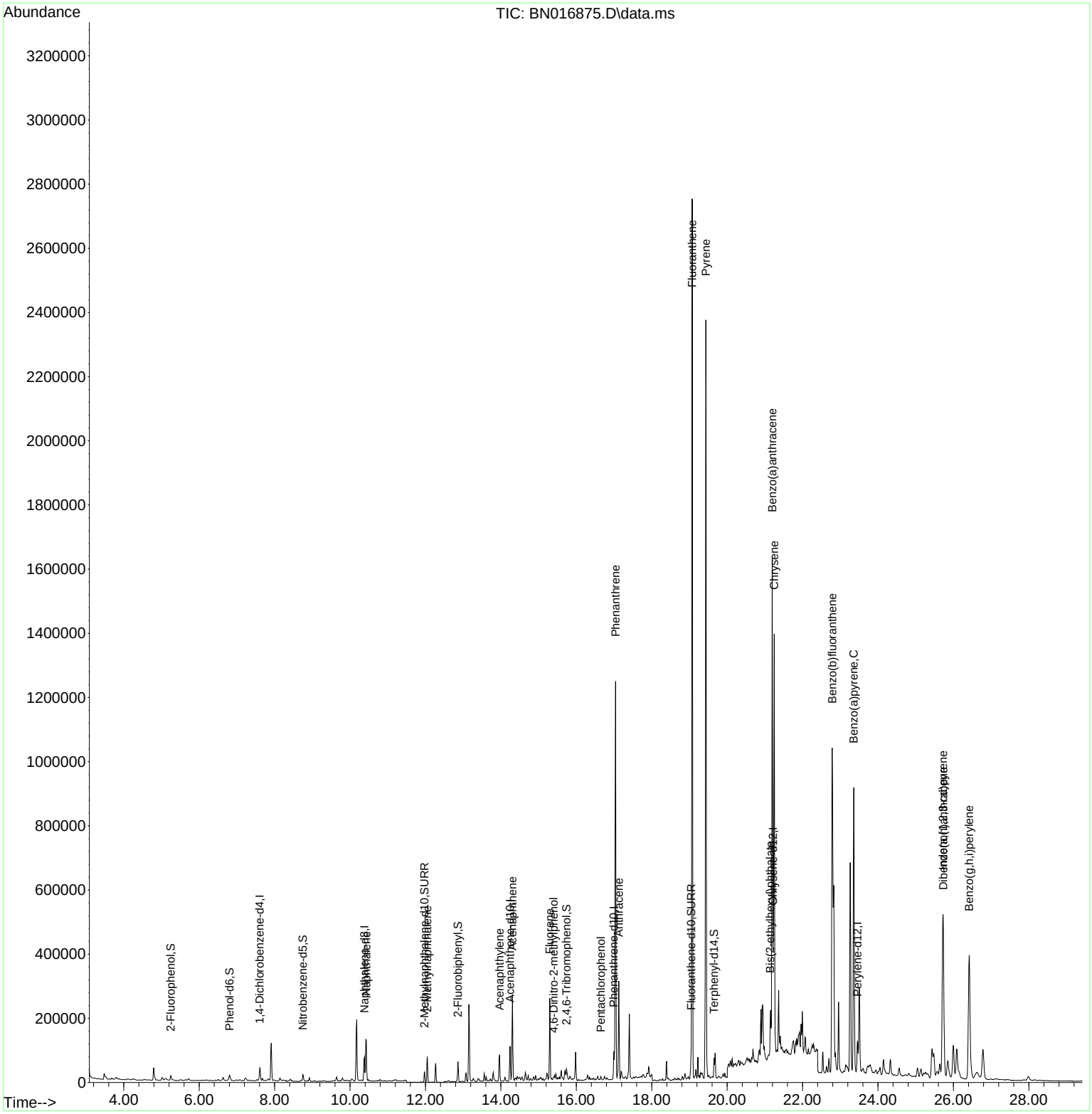
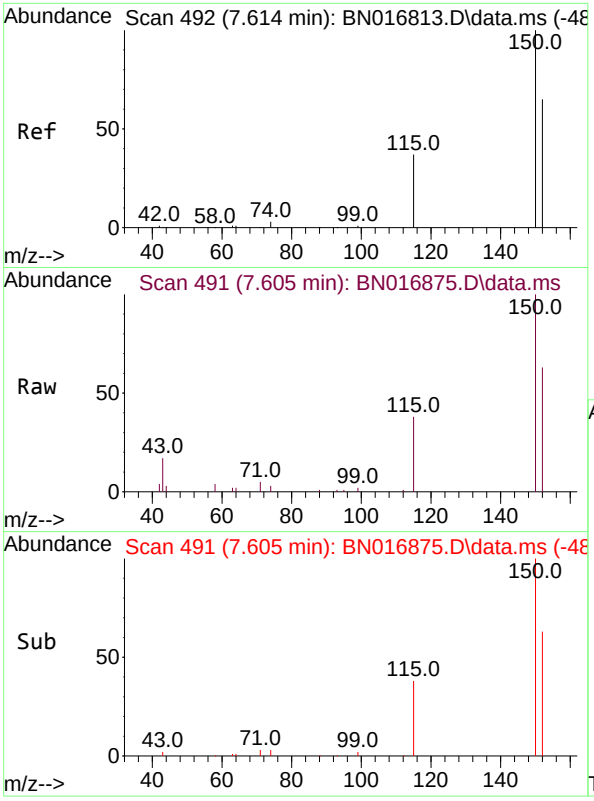
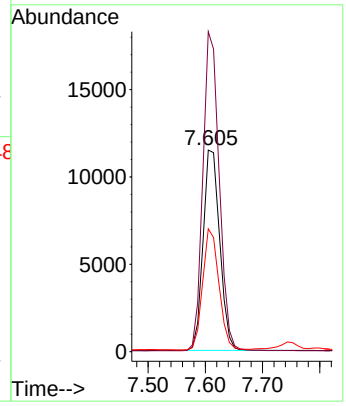




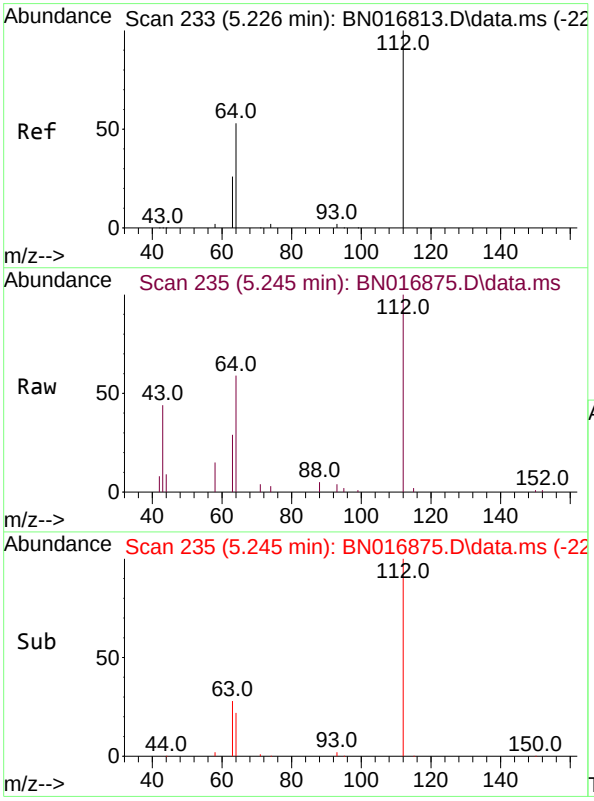
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.605 min Scan# 491
Delta R.T. -0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:152 Resp: 23106

Ion	Ratio	Lower	Upper
152	100		
150	158.7	123.3	184.9
115	60.9	47.0	70.6



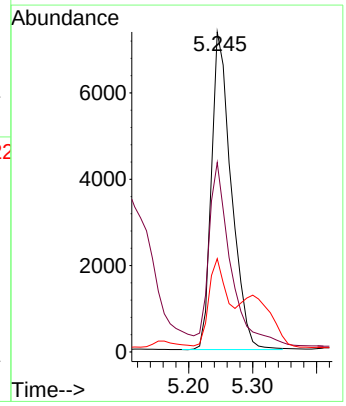
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



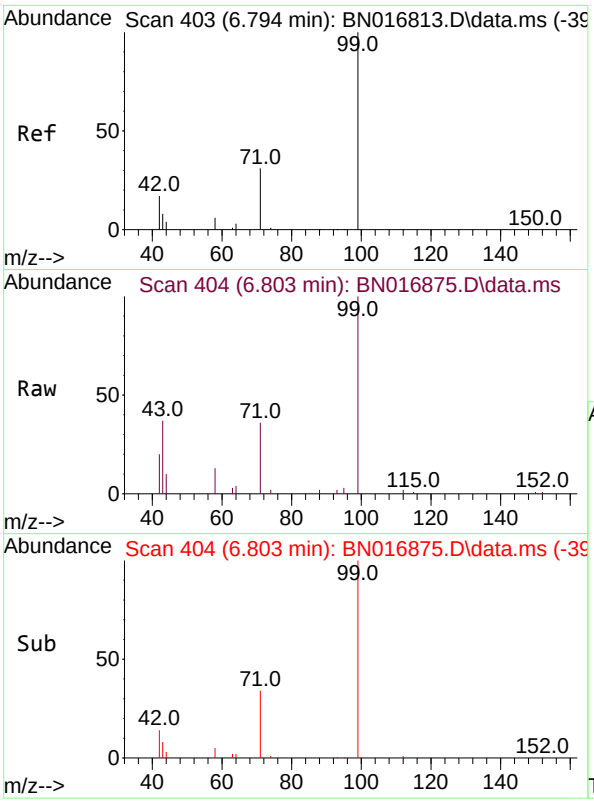
#4
2-Fluorophenol
Concen: 0.275 ng
RT: 5.245 min Scan# 235
Delta R.T. 0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:112 Resp: 15885

Ion	Ratio	Lower	Upper
112	100		
64	58.9	42.9	64.3
63	26.2	21.5	32.3



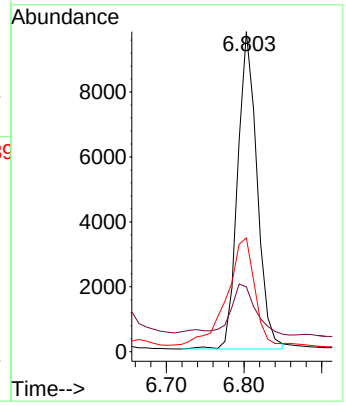
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

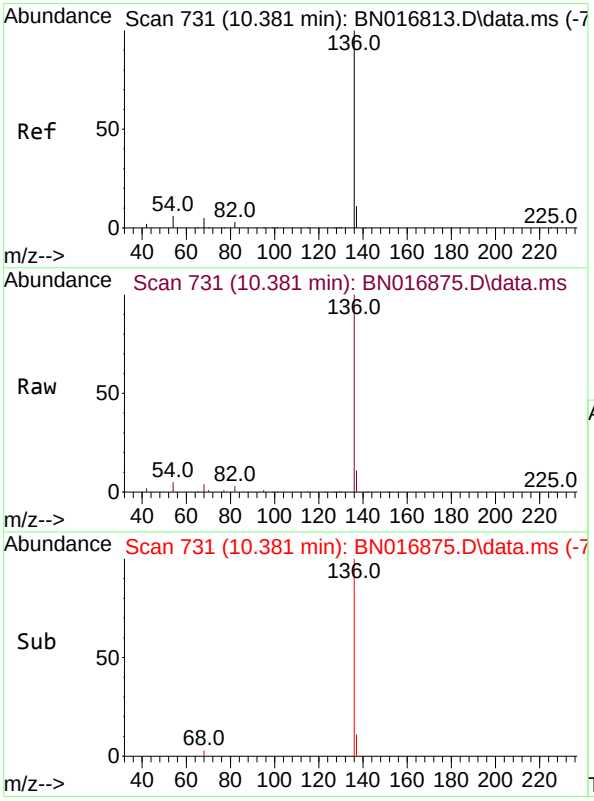


#5
Phenol-d6
Concen: 0.258 ng
RT: 6.803 min Scan# 404
Delta R.T. 0.009 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion: 99 Resp: 16917

Ion	Ratio	Lower	Upper
99	100		
42	19.3	13.4	20.2
71	47.9	24.0	36.0#

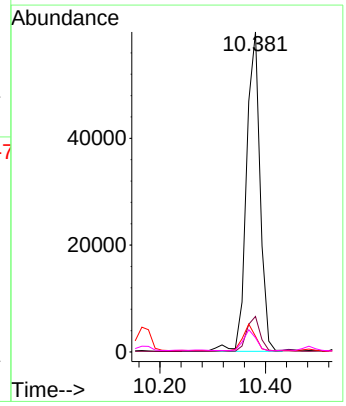


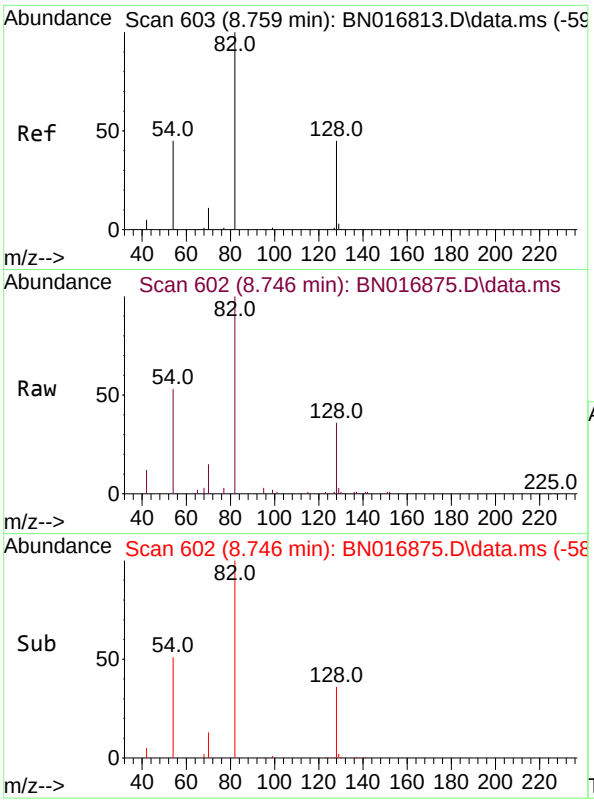


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.381 min Scan# 731
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:136 Resp: 107119

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	4.9	6.5	9.7#
68	4.5	5.3	7.9#

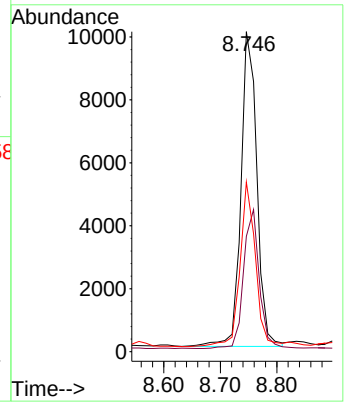




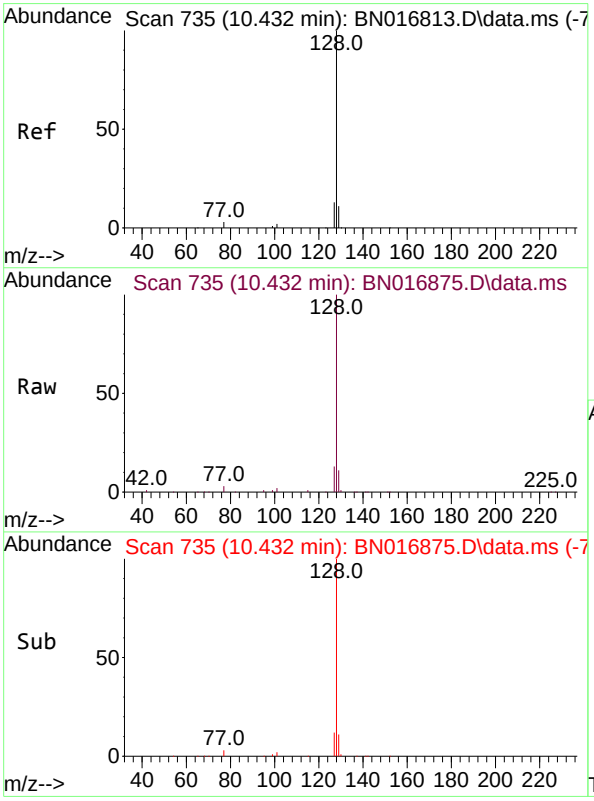
#8
Nitrobenzene-d5
Concen: 0.260 ng
RT: 8.746 min Scan# 602
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion: 82 Resp: 19527

Ion	Ratio	Lower	Upper
82	100		
128	36.1	33.8	50.6
54	53.0	38.5	57.7



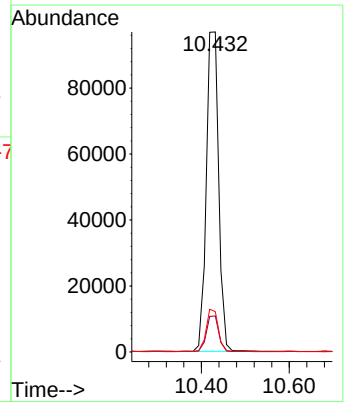
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

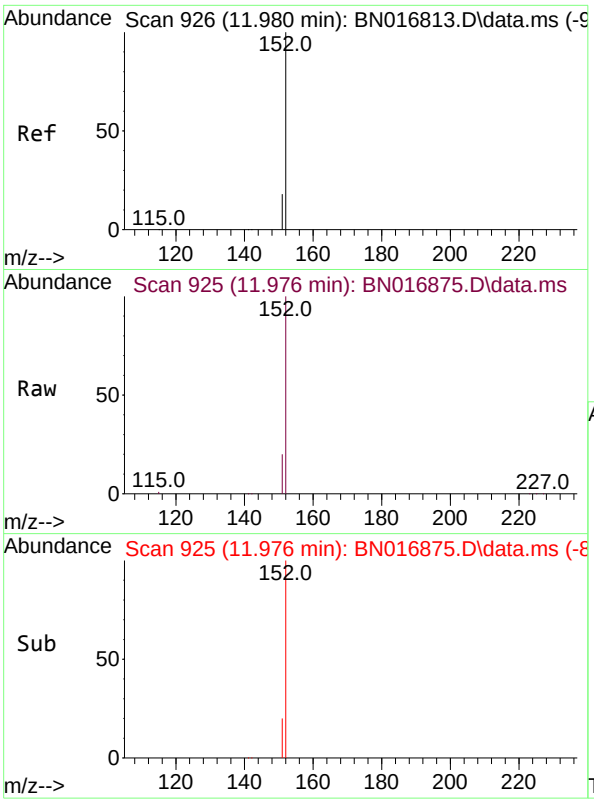


#9
Naphthalene
Concen: 0.648 ng
RT: 10.432 min Scan# 735
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:128 Resp: 189100

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	12.6	10.3	15.5

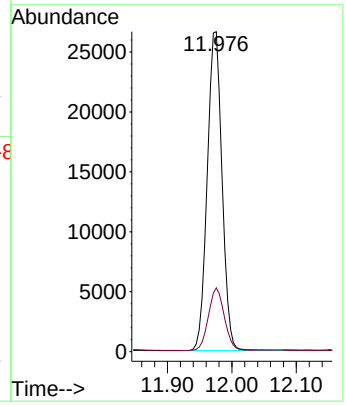




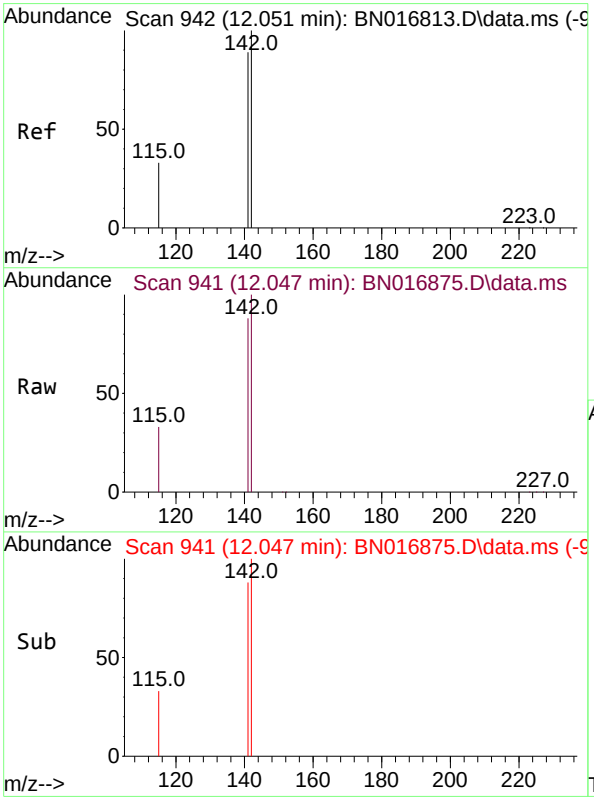
#11
2-Methylnaphthalene-d10
Concen: 0.265 ng
RT: 11.976 min Scan# 925
Delta R.T. -0.004 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:152 Resp: 42319

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4



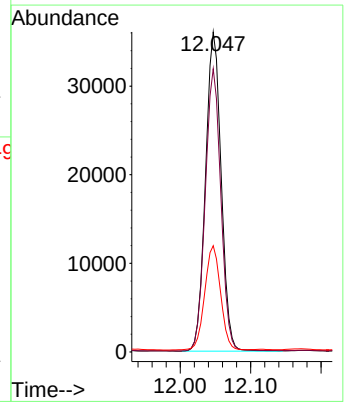
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

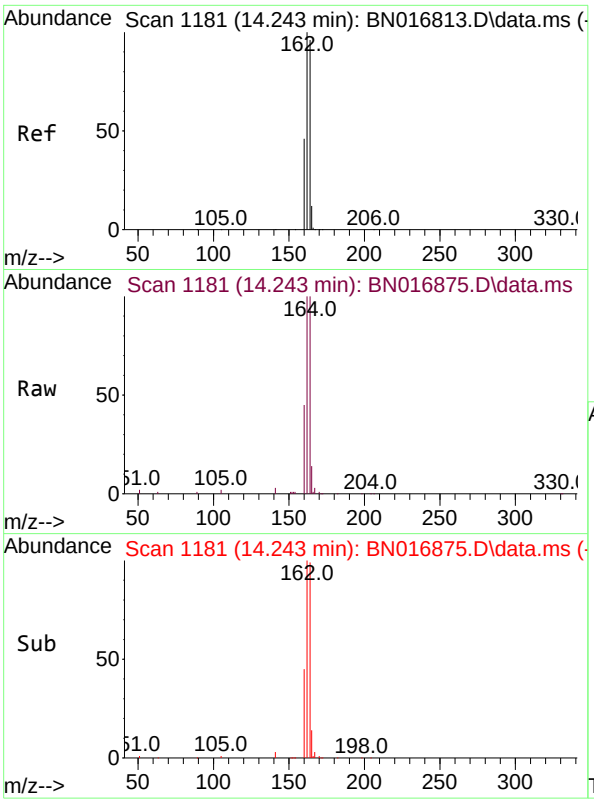


#12
2-Methylnaphthalene
Concen: 0.297 ng
RT: 12.047 min Scan# 941
Delta R.T. -0.004 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:142 Resp: 55469

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

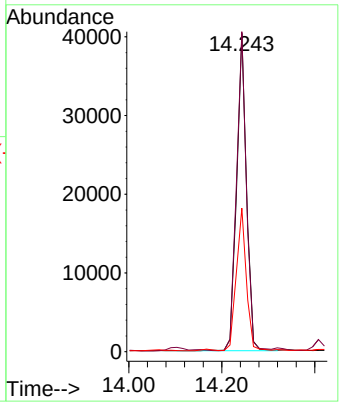




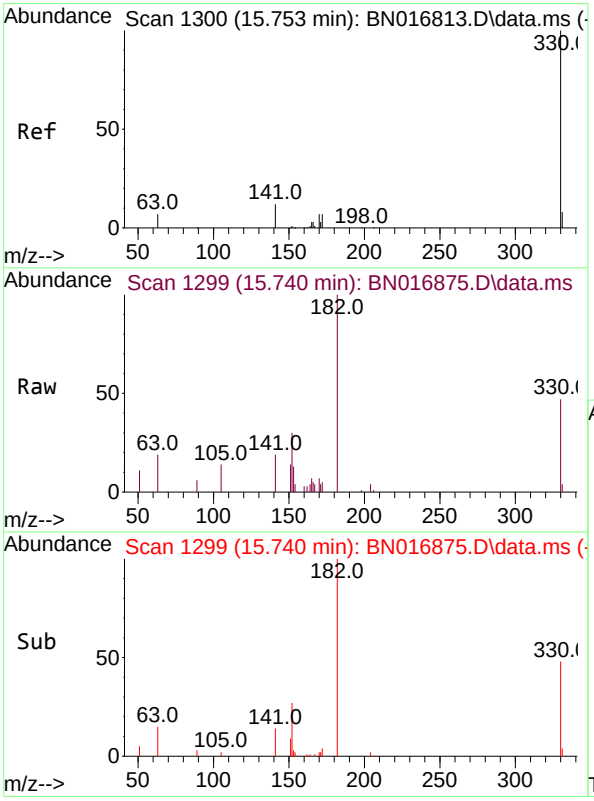
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.243 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:164 Resp: 59162

Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	124.0
160	45.1	38.2	57.2



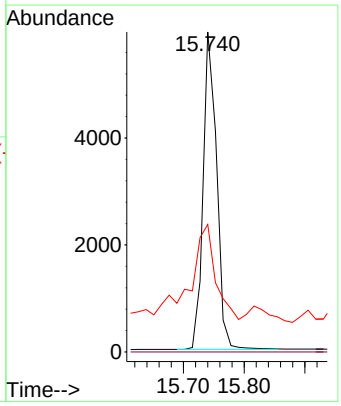
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

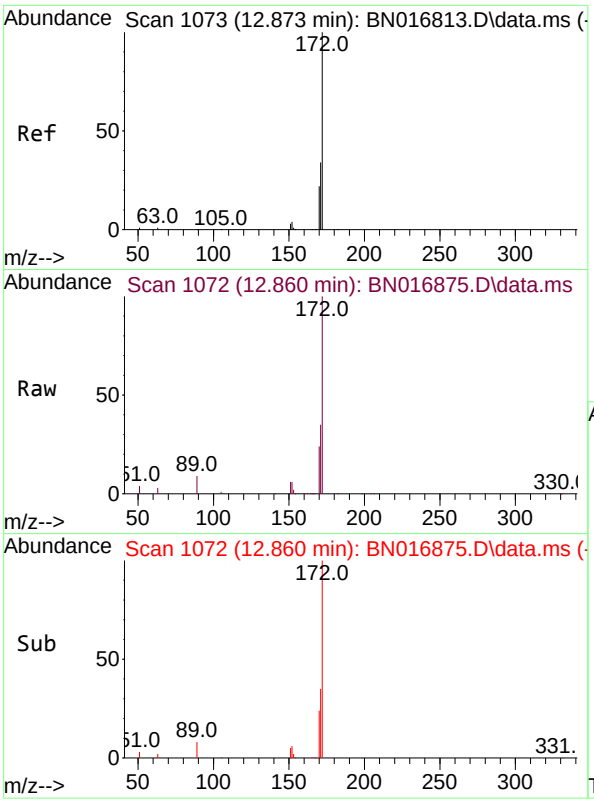


#14
2,4,6-Tribromophenol
Concen: 0.300 ng
RT: 15.740 min Scan# 1299
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:330 Resp: 9196

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	47.0	24.2	36.2#

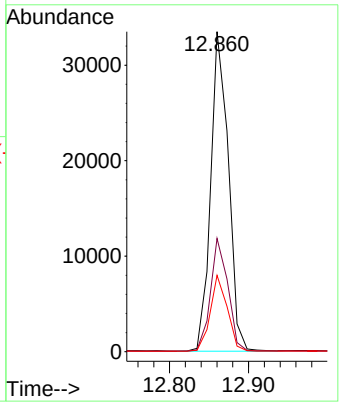




#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.860 min Scan# 1072
Delta R.T. -0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:172 Resp: 52117

Ion	Ratio	Lower	Upper
172	100		
171	35.4	26.9	40.3
170	23.9	17.4	26.0



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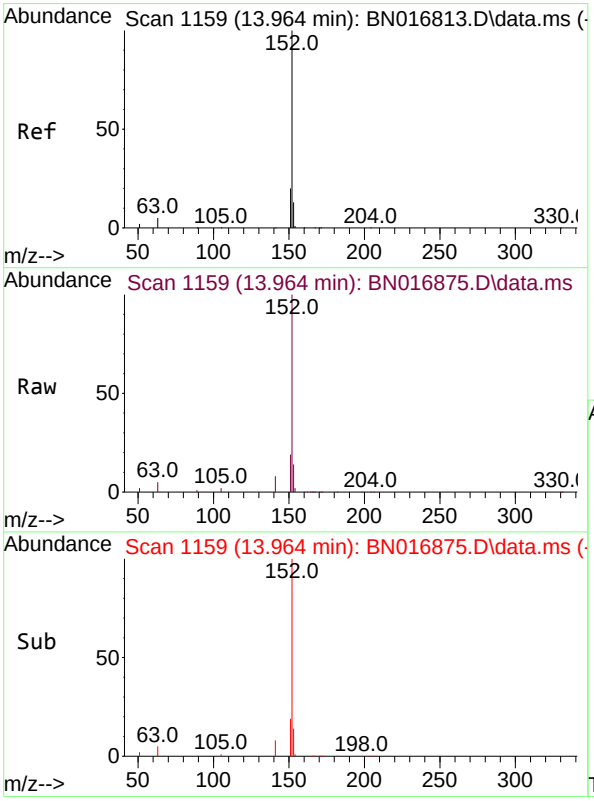
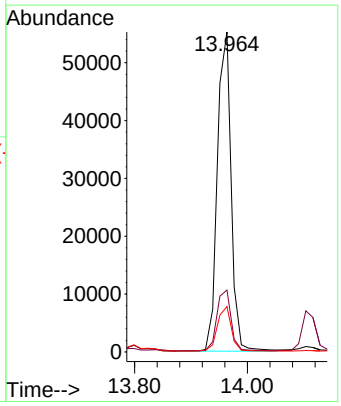


#16
Acenaphthylene
Concen: 0.358 ng
RT: 13.964 min Scan# 1159
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:152 Resp: 93520

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	14.0	10.4	15.6



Instrument :
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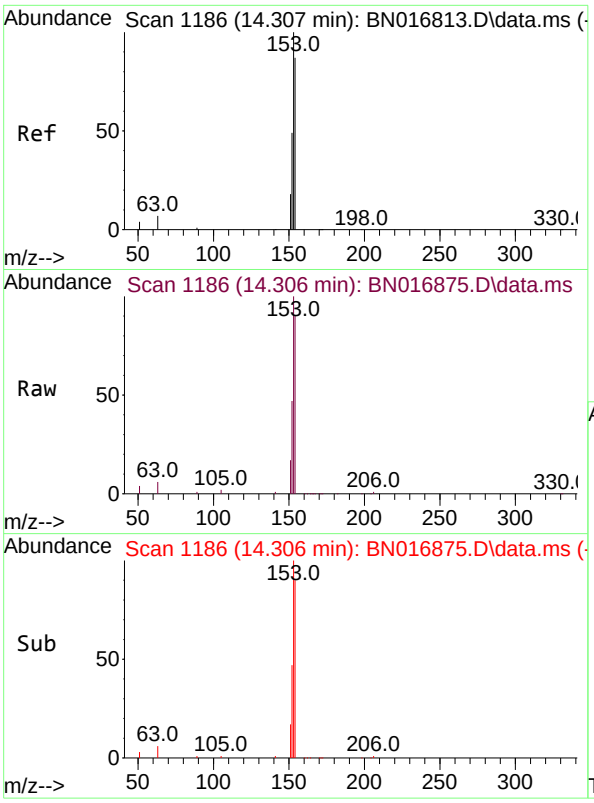
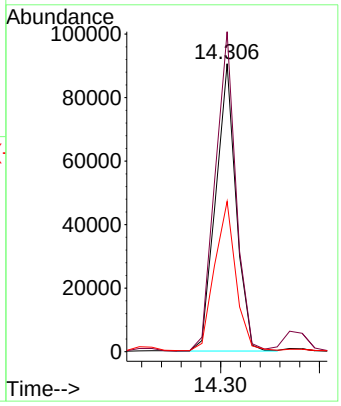
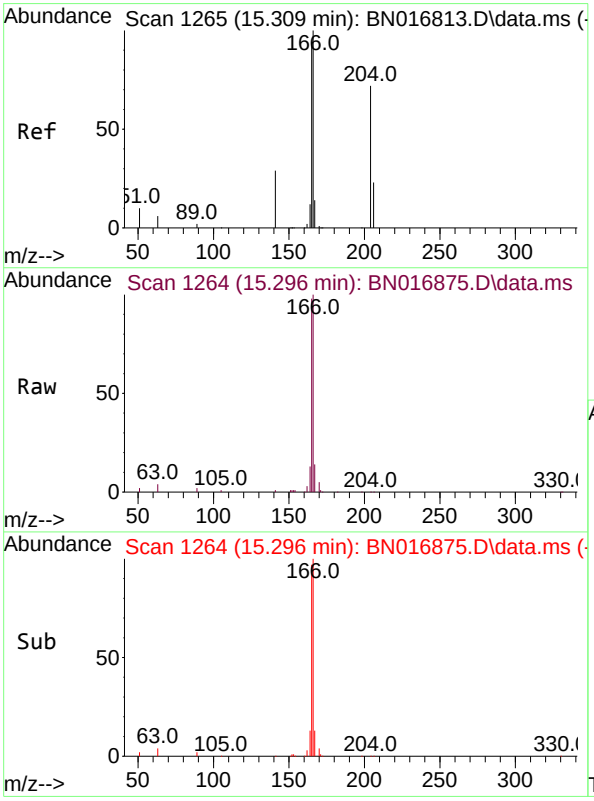


#17
Acenaphthene
Concen: 0.748 ng
RT: 14.306 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:154 Resp: 129735

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.1	135.1
152	54.0	43.6	65.4

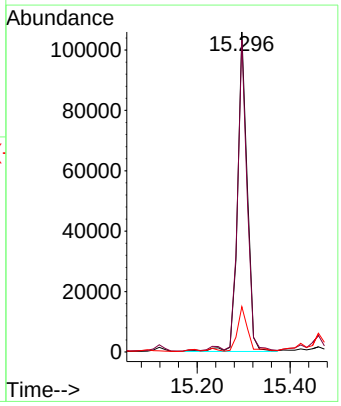


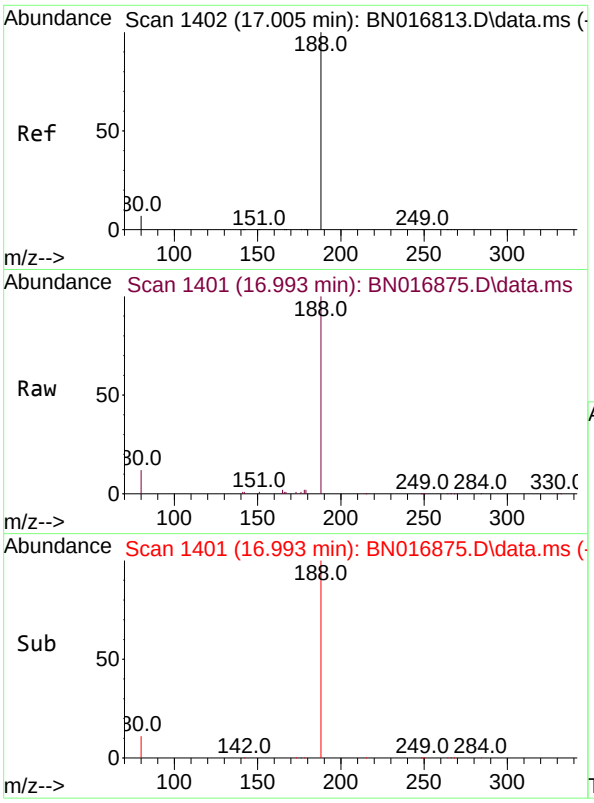


#18
Fluorene
Concen: 0.721 ng
RT: 15.296 min Scan# 1264
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:166 Resp: 152177

Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.1	117.1
167	14.7	10.7	16.1

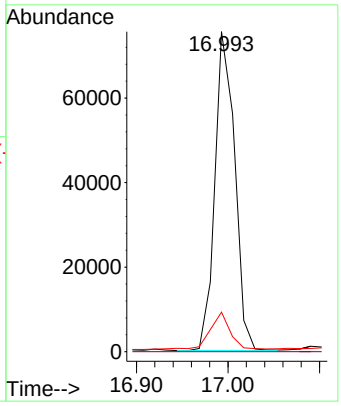




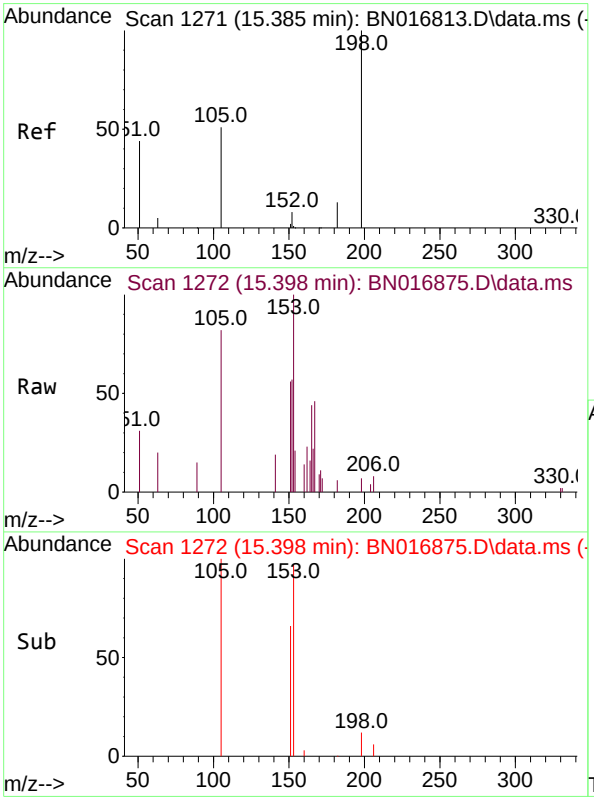
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 1401
Delta R.T. -0.012 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:188 Resp: 113919

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	5.8	8.8#



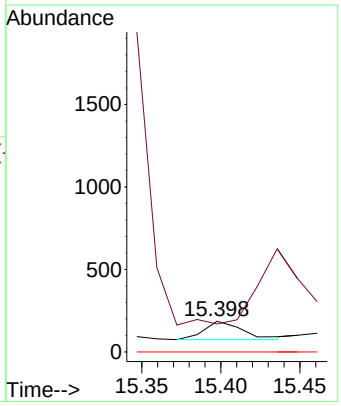
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



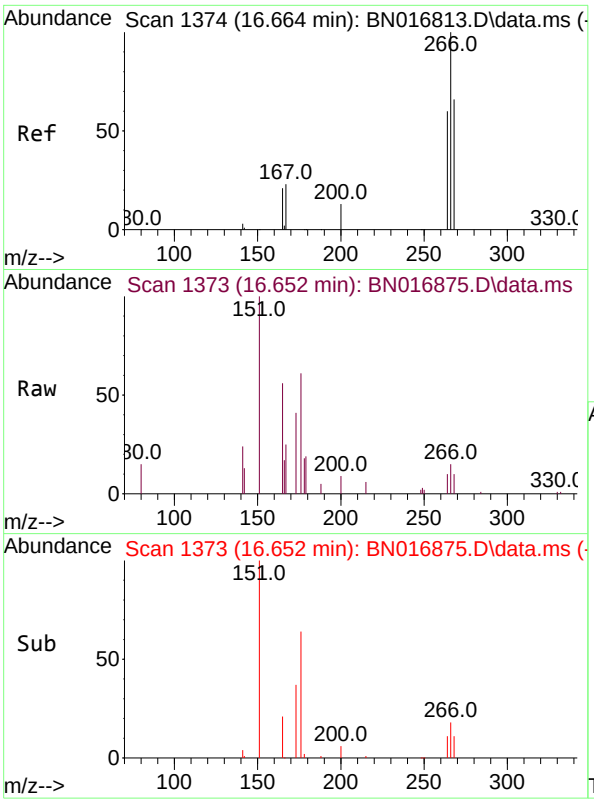
#20
4,6-Dinitro-2-methylphenol
Concen: 0.213 ng
RT: 15.398 min Scan# 1272
Delta R.T. 0.013 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:198 Resp: 190

Ion	Ratio	Lower	Upper
198	100		
182	91.4	26.2	39.2#
77	0.0	0.0	0.0



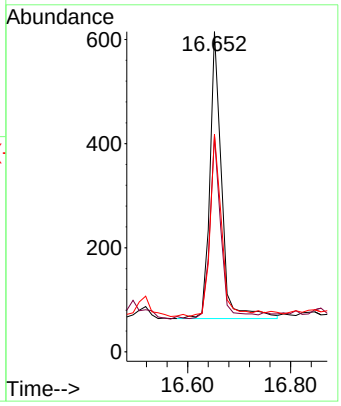
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

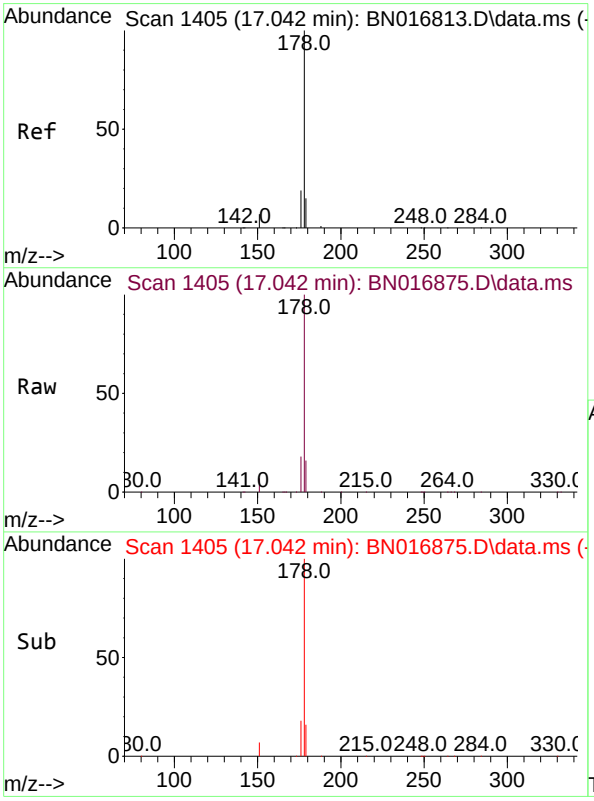


#24
Pentachlorophenol
Concen: 0.126 ng
RT: 16.652 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:266 Resp: 871

Ion	Ratio	Lower	Upper
266	100		
264	60.7	49.3	73.9
268	62.1	51.8	77.8

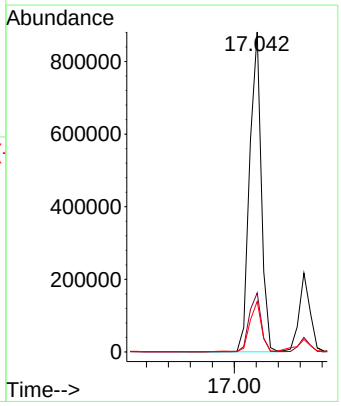




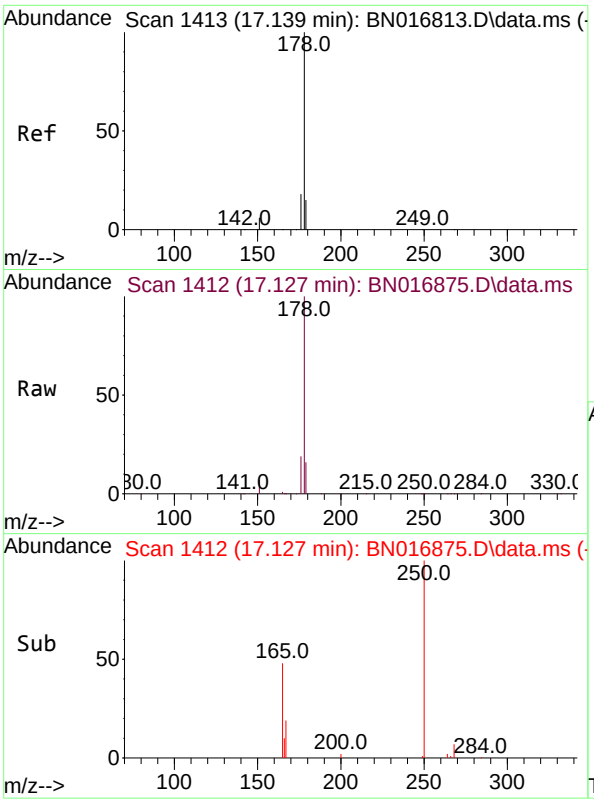
#25
Phenanthrene
Concen: 3.822 ng
RT: 17.042 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:178 Resp: 1293196

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.9	12.4	18.6



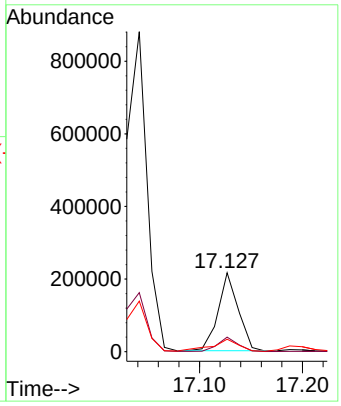
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

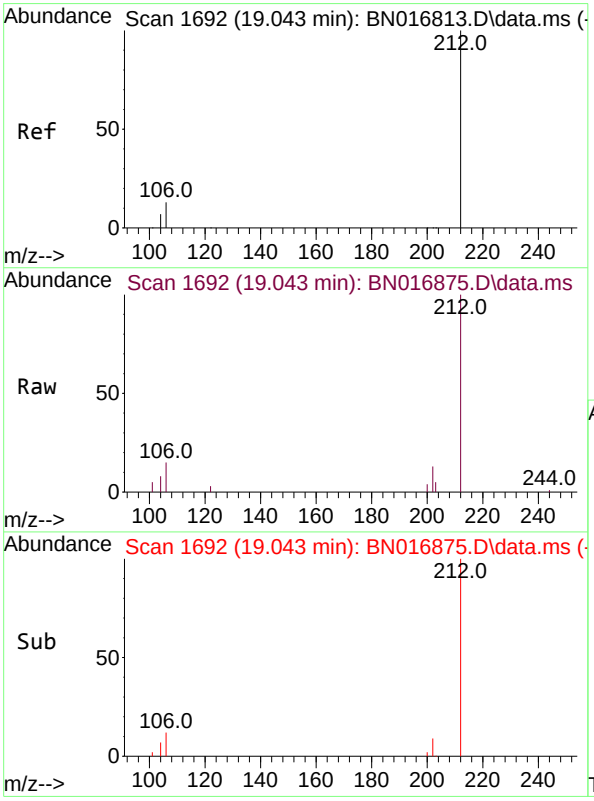


#26
Anthracene
Concen: 0.968 ng
RT: 17.127 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:178 Resp: 291021

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.5	21.7
179	20.0	12.2	18.4#

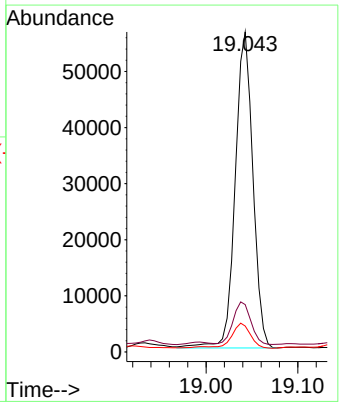




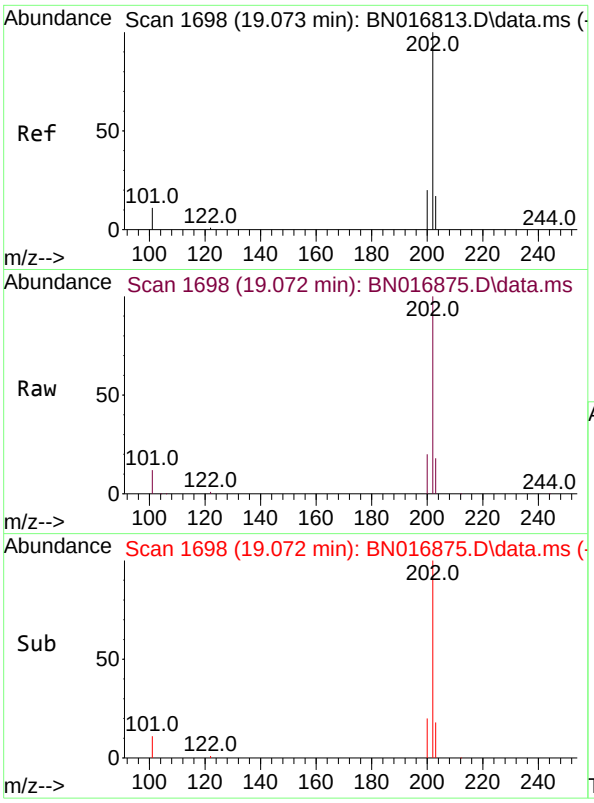
#27
Fluoranthene-d10
Concen: 0.238 ng
RT: 19.043 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:212 Resp: 75271

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	8.2	5.8	8.8



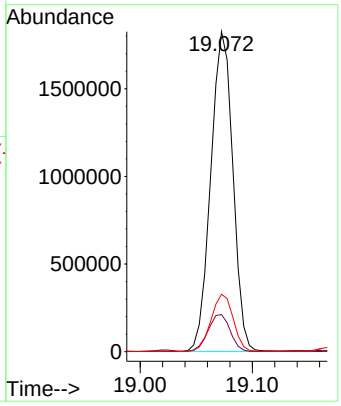
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

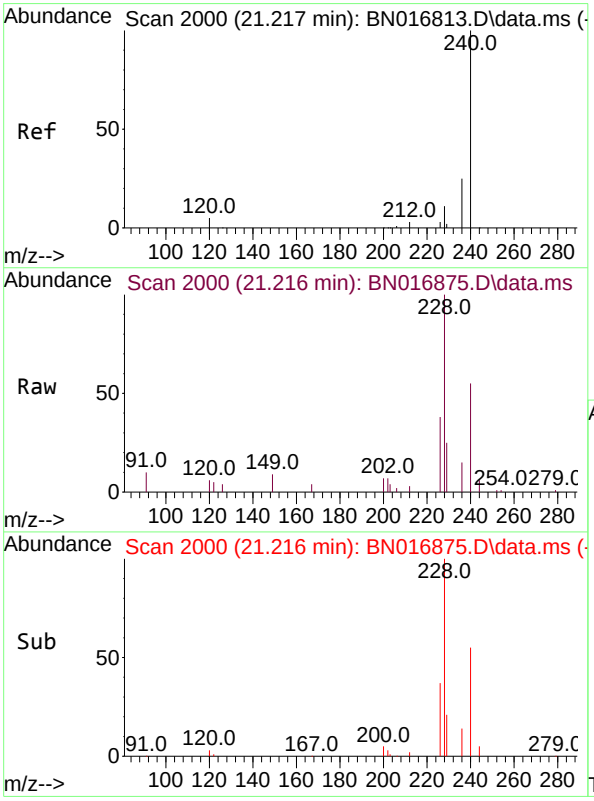


#28
Fluoranthene
Concen: 6.580 ng
RT: 19.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:202 Resp: 2500092

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	17.8	13.8	20.8

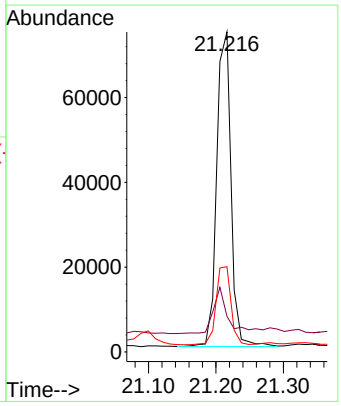


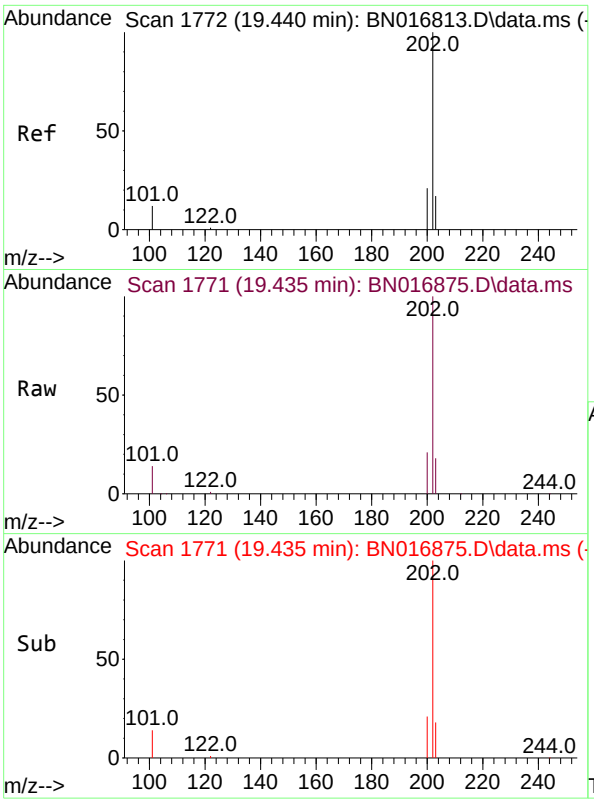


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.216 min Scan# 2000
Delta R.T. 0.011 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:240 Resp: 109739

Ion	Ratio	Lower	Upper
240	100		
120	11.2	6.6	10.0#
236	26.7	20.7	31.1

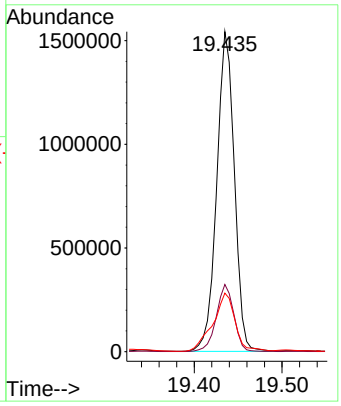




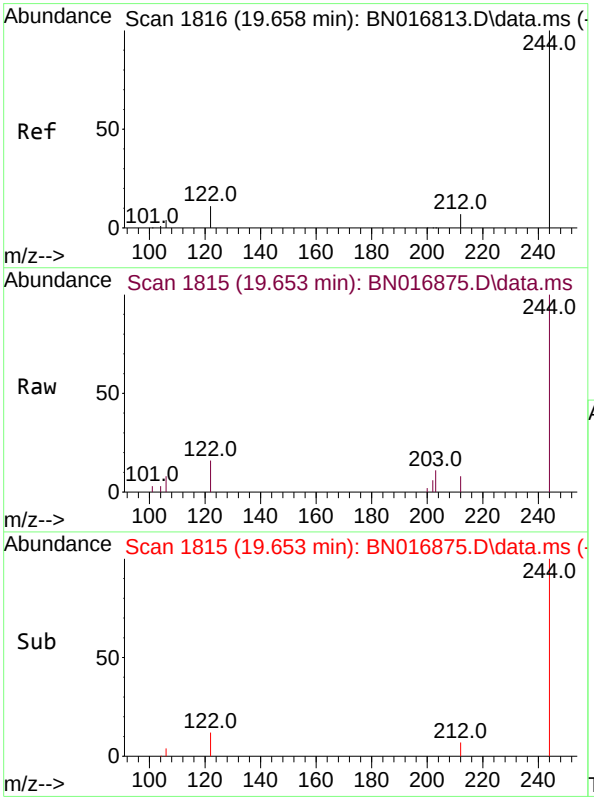
#30
Pyrene
Concen: 6.363 ng
RT: 19.435 min Scan# 1771
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:202 Resp: 2147260

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.5	24.7
203	22.7	13.9	20.9#



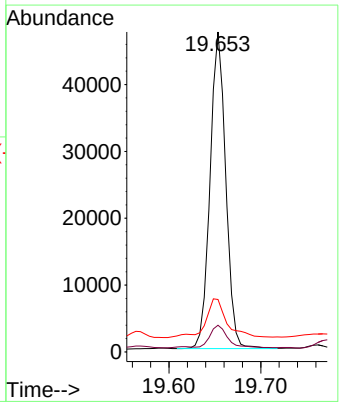
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

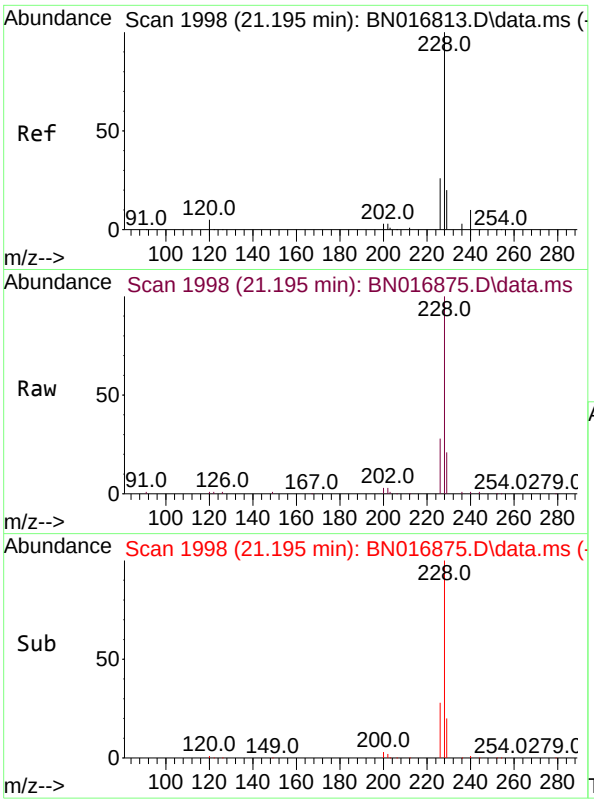


#31
Terphenyl-d14
Concen: 0.236 ng
RT: 19.653 min Scan# 1815
Delta R.T. -0.005 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:244 Resp: 56483

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	16.4	8.9	13.3#

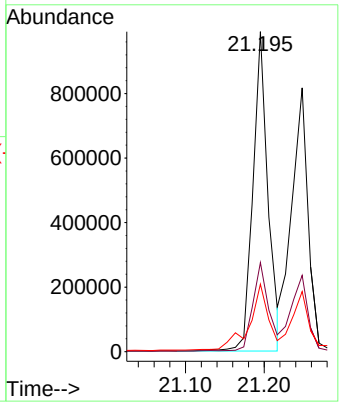




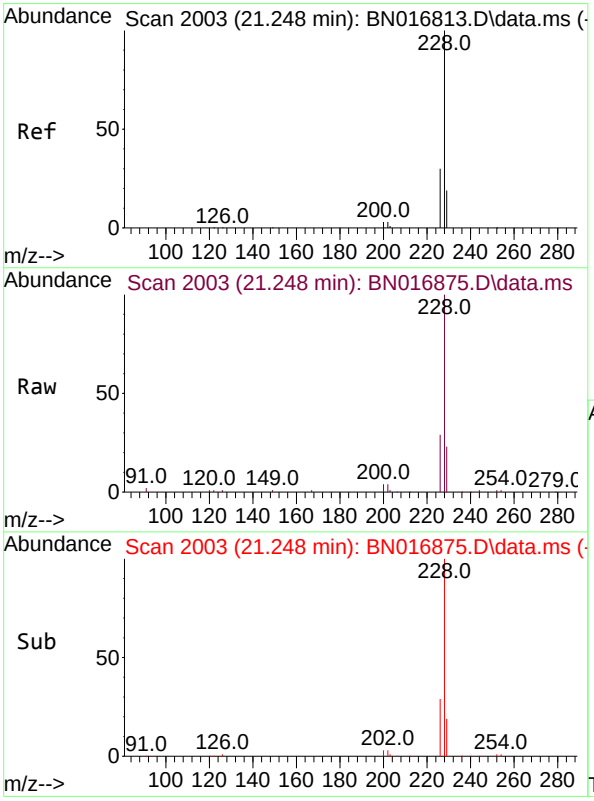
#32
Benzo(a)anthracene
Concen: 3.873 ng
RT: 21.195 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:228 Resp: 1314338

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.3	33.5
229	21.1	15.4	23.0



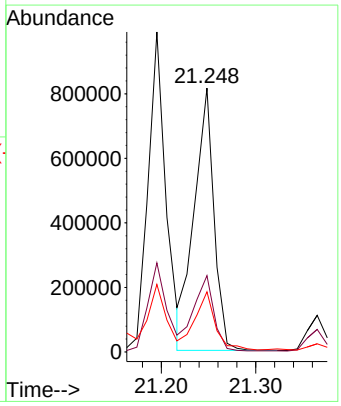
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721



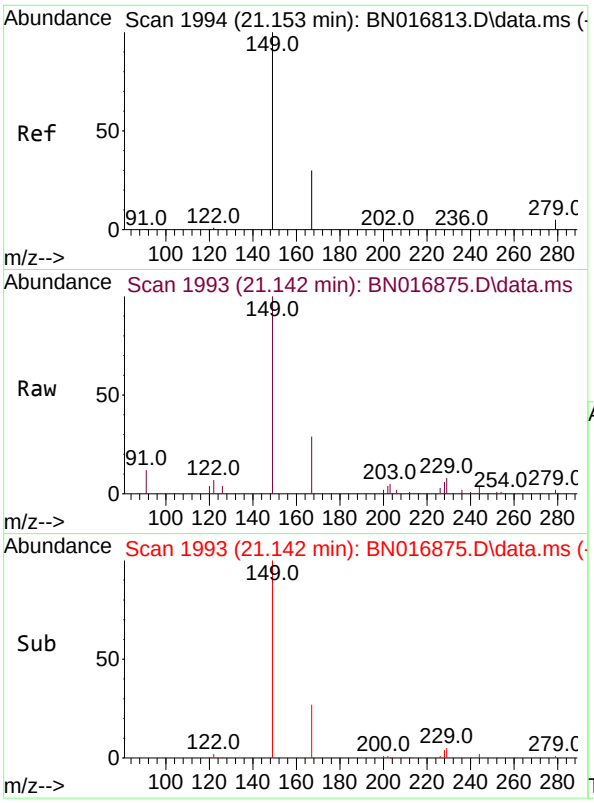
#33
Chrysene
Concen: 3.417 ng
RT: 21.248 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:228 Resp: 1181015

Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.2	36.4
229	22.8	15.4	23.0



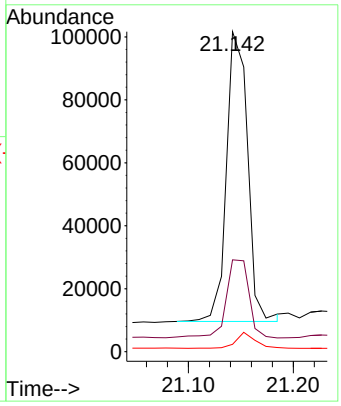
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

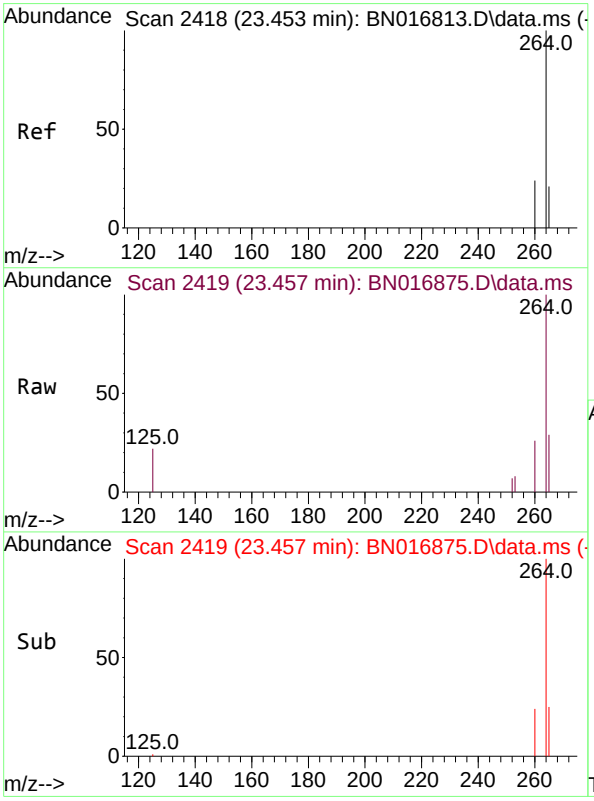


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.745 ng
RT: 21.142 min Scan# 1993
Delta R.T. -0.011 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:149 Resp: 128523

Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.2	33.4
279	5.0	3.4	5.2

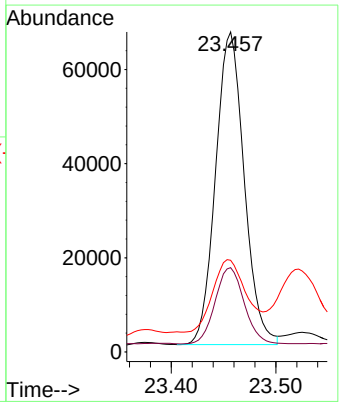


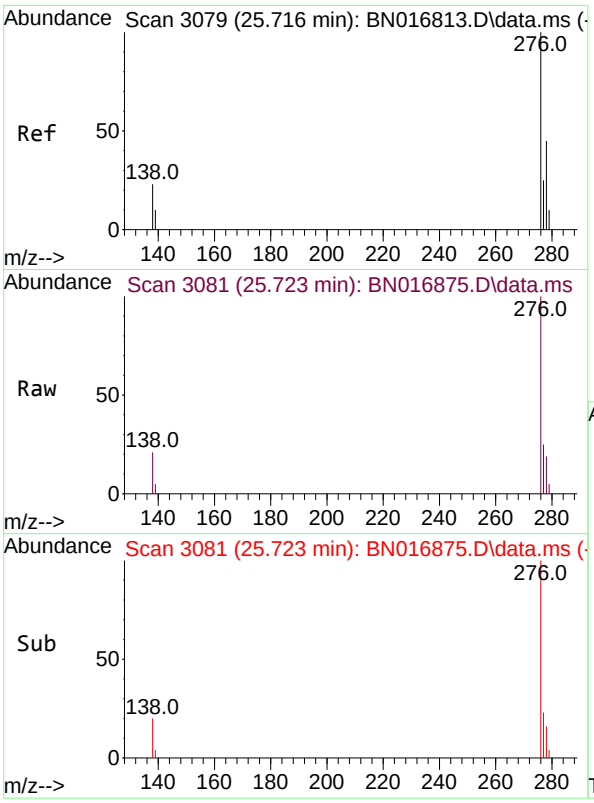


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.457 min Scan# 2419
Delta R.T. 0.003 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:264 Resp: 126163

Ion	Ratio	Lower	Upper
264	100		
260	26.4	19.8	29.6
265	28.6	20.3	30.5

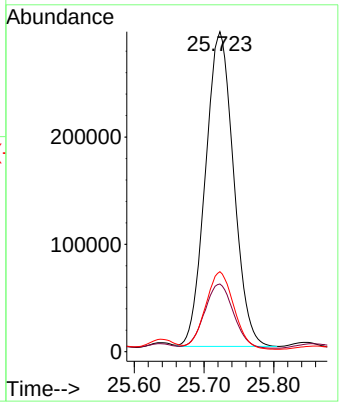




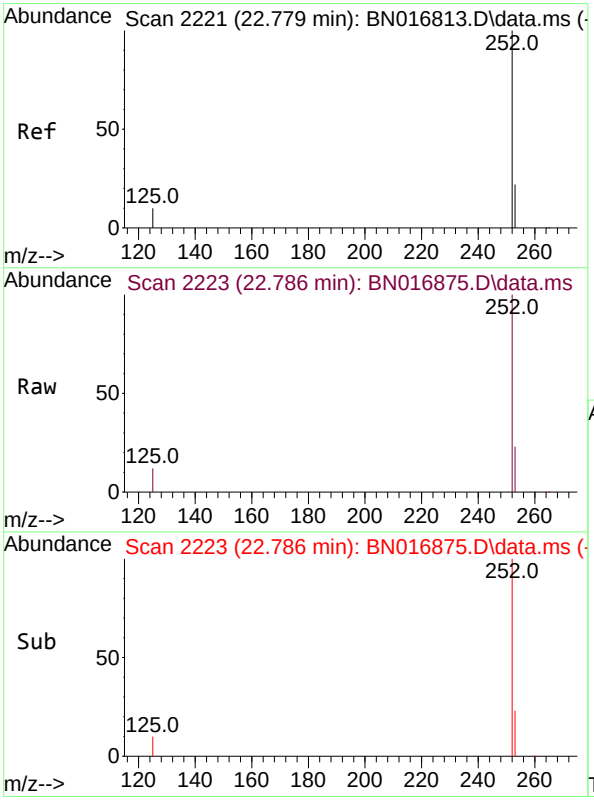
#36
Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng
RT: 25.723 min Scan# 3081
Delta R.T. 0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:276 Resp: 822441

Ion	Ratio	Lower	Upper
276	100		
138	21.2	19.2	28.8
277	24.9	20.0	30.0



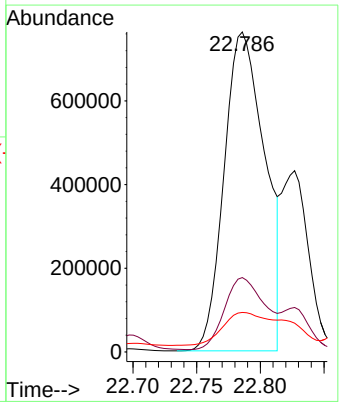
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

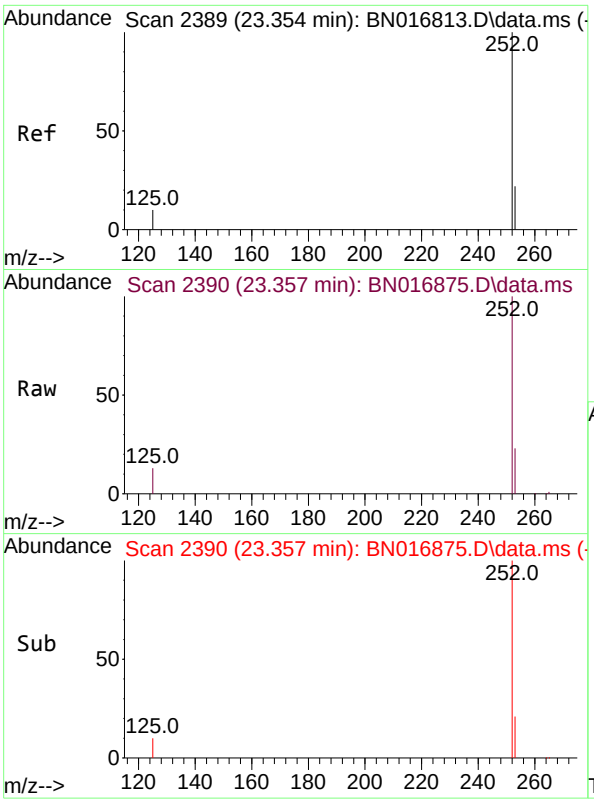


#37
Benzo(b)fluoranthene
Concen: 4.246 ng
RT: 22.786 min Scan# 2223
Delta R.T. 0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:252 Resp: 1695781

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.8
125	12.3	8.3	12.5

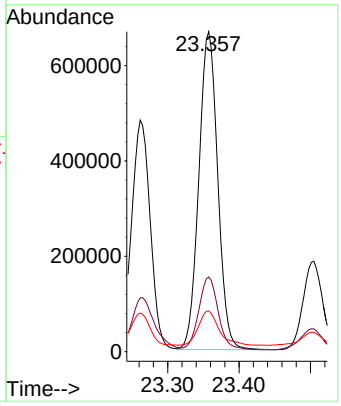




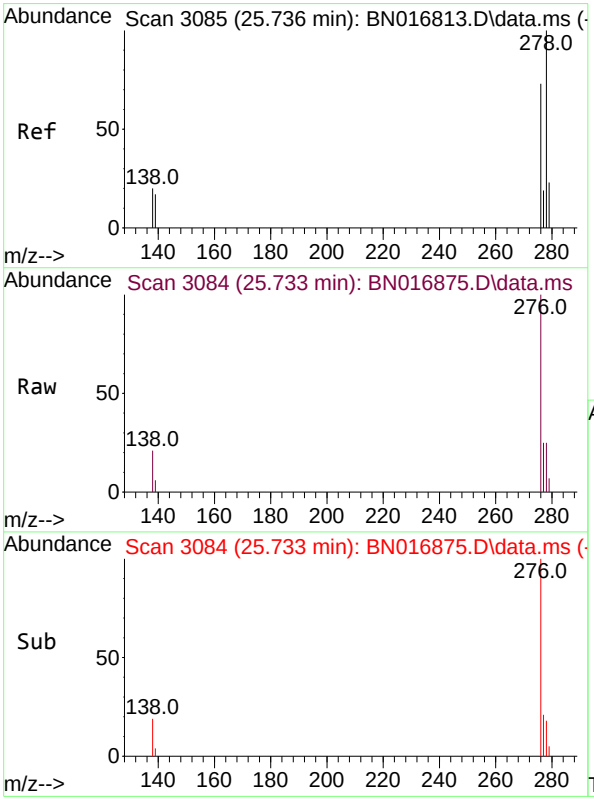
#39
Benzo(a)pyrene
Concen: 3.351 ng
RT: 23.357 min Scan# 2390
Delta R.T. 0.003 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:252 Resp: 1222662

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	12.7	9.4	14.2



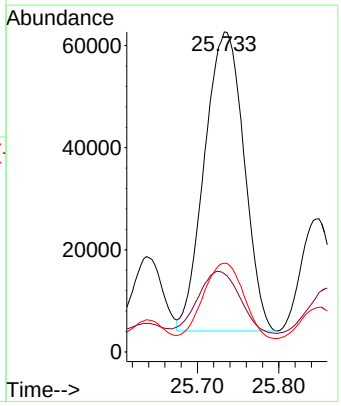
Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721

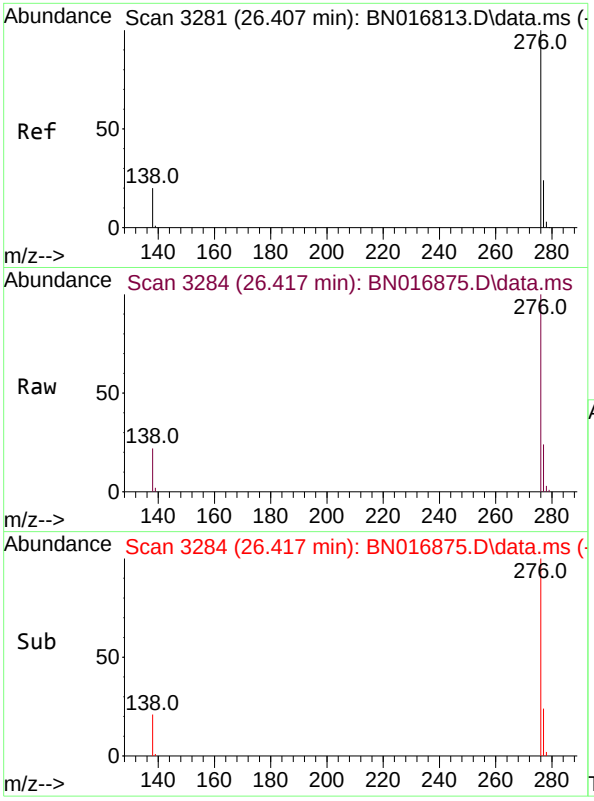


#40
Dibenzo(a,h)anthracene
Concen: 0.504 ng
RT: 25.733 min Scan# 3084
Delta R.T. -0.007 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:278 Resp: 197216

Ion	Ratio	Lower	Upper
278	100		
139	24.5	13.1	19.7#
279	27.8	19.3	28.9

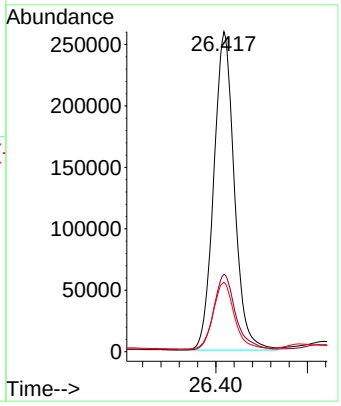




#41
Benzo(g,h,i)perylene
Concen: 1.941 ng
RT: 26.417 min Scan# 3284
Delta R.T. 0.010 min
Lab File: BN016875.D
Acq: 09 Oct 2021 11:00

Tgt Ion:276 Resp: 806364

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.4
138	21.7	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
S-830-J-SO-3-3.5-092721