Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016698.D
Acq On : 03 Oct 2021 08:48
Operator : CG/JU
Sample : M3892-18
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-832-J-SO-2-2.5-092221

Quant Time: Oct 04 03:37:45 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	7.642	152	30709	0.400	ng	0.00
7) Naphthalene-d8	10.406	136	142548	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	81898	0.400	ng	0.00
19) Phenanthrene-d10	17.029	188	157023	0.400	ng	# 0.00
29) Chrysene-d12	21.238	240	146277	0.400	ng	# 0.00
35) Perylene-d12	23.505	264	116436	0.400	ng	# 0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.272	112	20261	0.259	ng	0.02
5) Phenol-d6	6.831	99	21388	0.250	ng	0.00
8) Nitrobenzene-d5	8.784	82	24738	0.266	ng	0.00
11) 2-Methylnaphthalene-d10	12.003	152	52563	0.249	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	11990	0.322	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	65189	0.197	ng	-0.01
27) Fluoranthene-d10	19.068	212	99840	0.239	ng	0.00
31) Terphenyl-d14	19.678	244	85589	0.269	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.502	42	5315	0.234	ng	# 1
9) Naphthalene	10.457	128	48242	0.125	ng	99
12) 2-Methylnaphthalene	12.074	142	21868	0.088	ng	98
16) Acenaphthylene	13.989	152	24716	0.069	ng	# 93
17) Acenaphthene	14.332	154	110792	0.459	ng	99
18) Fluorene	15.322	166	129855	0.455	ng	97
20) 4,6-Dinitro-2-methylph...	15.423	198	121	0.142	ng	# 1
25) Phenanthrene	17.066	178	2051590	4.342	ng	99
26) Anthracene	17.151	178	688808	1.688	ng	# 96
28) Fluoranthene	19.102	202	6252427	12.257	ng	98
30) Pyrene	19.465	202	6048464	12.780	ng	# 90
32) Benzo(a)anthracene	21.227	228	4434927	9.878	ng	97
33) Chrysene	21.227	228	4202034	9.243	ng	95
34) Bis(2-ethylhexyl)phtha...	21.174	149	374249	2.091	ng	99
36) Indeno(1,2,3-cd)pyrene	25.788	276	897625	2.161	ng	97
37) Benzo(b)fluoranthene	22.827	252	4146605	11.082	ng	# 96
39) Benzo(a)pyrene	23.406	252	2609791	7.831	ng	96
40) Dibenzo(a,h)anthracene	25.798	278	268461	0.801	ng	# 80
41) Benzo(g,h,i)perylene	26.490	276	718299	1.955	ng	96

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

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ALS Vial : 66 Sample Multiplier: 1

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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
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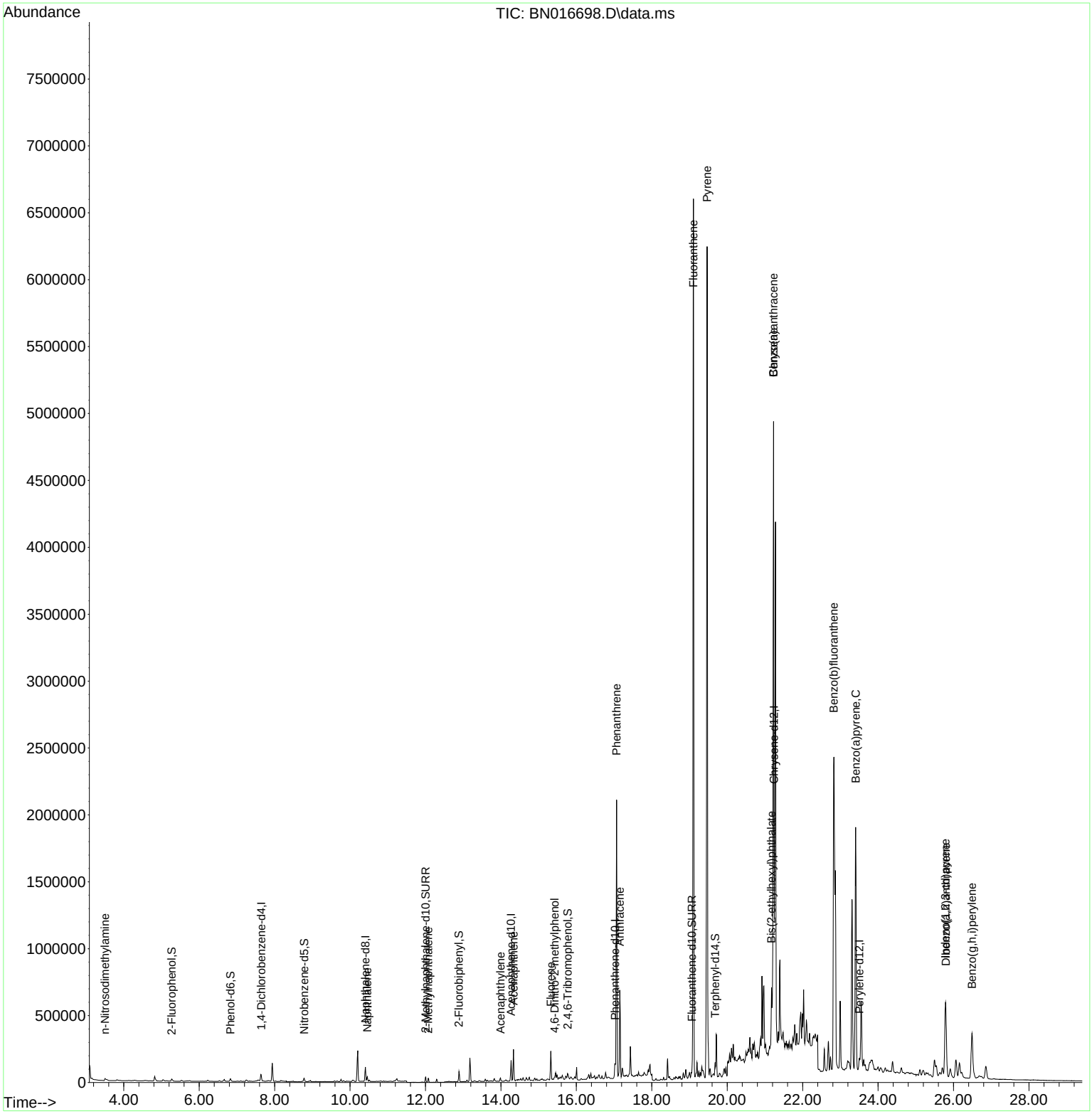
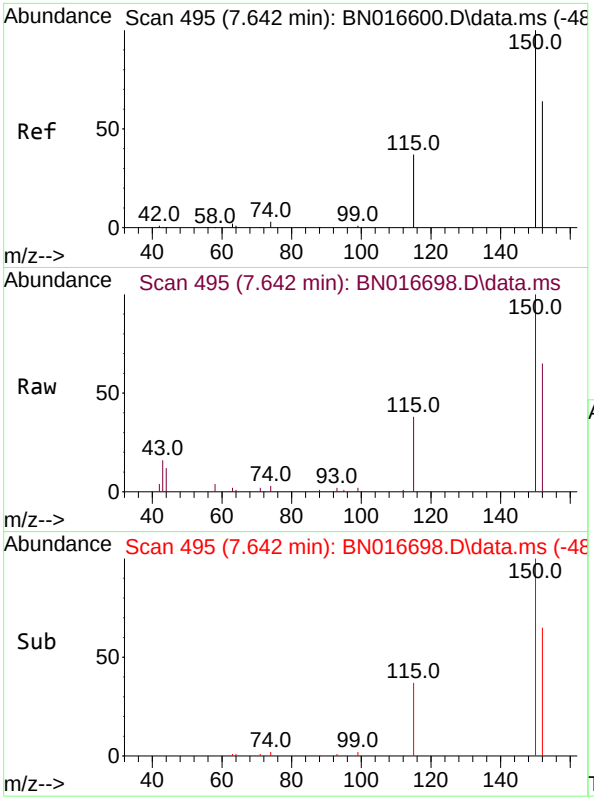
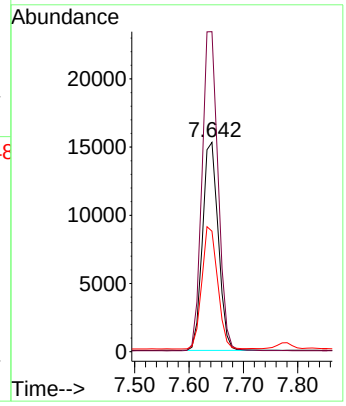




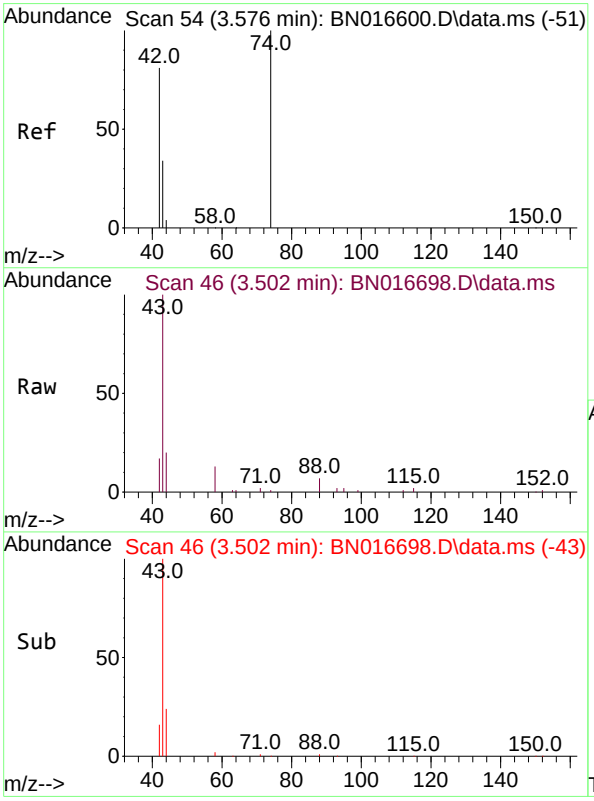
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 495
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:152 Resp: 30709

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.6	186.8
115	57.6	46.5	69.7



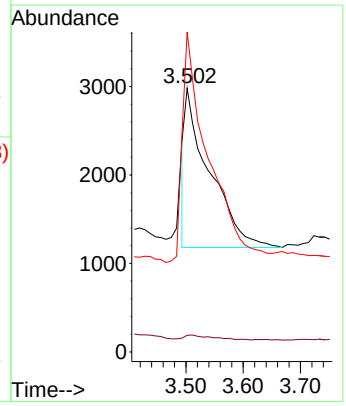
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

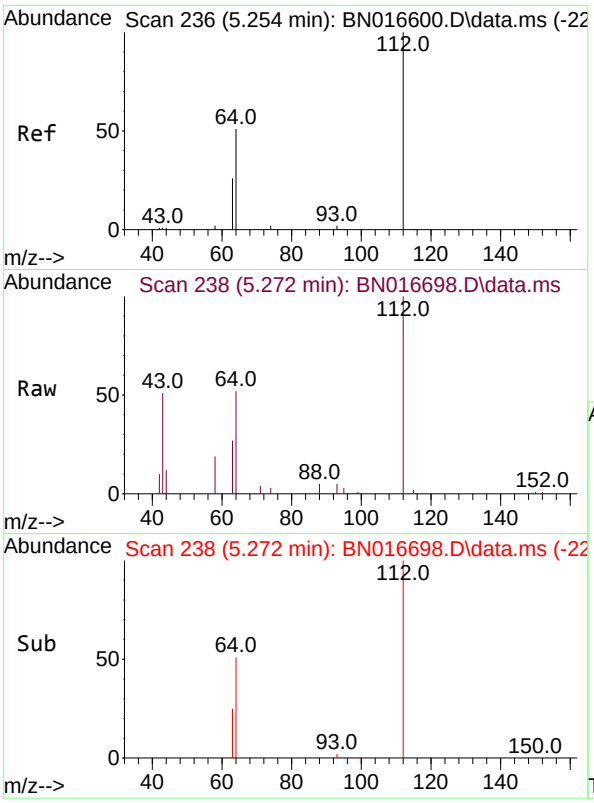


#3
n-Nitrosodimethylamine
Concen: 0.234 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion: 42 Resp: 5315

Ion	Ratio	Lower	Upper
42	100		
74	3.4	121.6	182.4#
44	123.6	6.3	9.5#

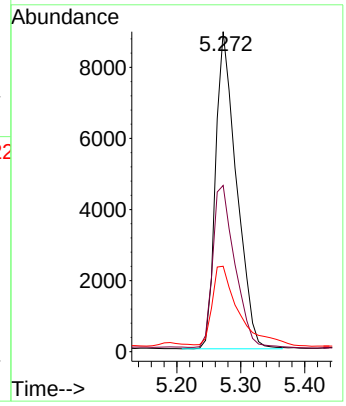




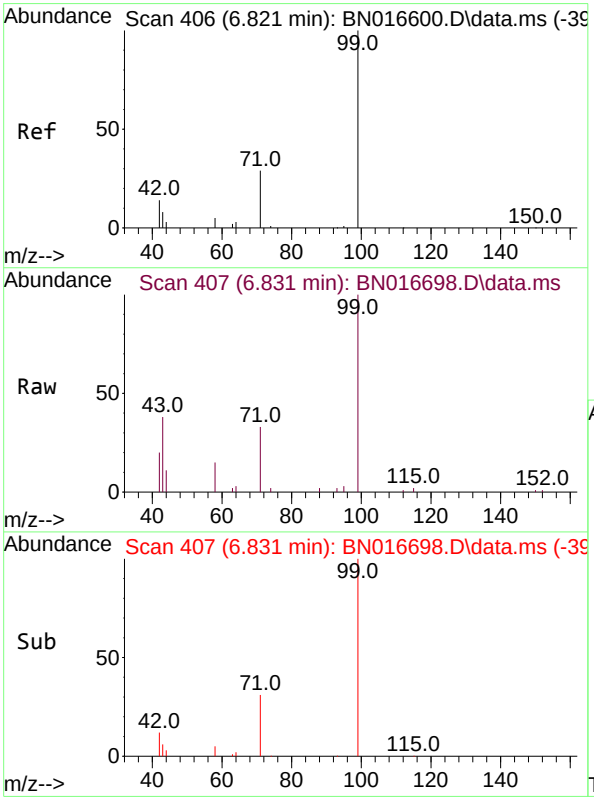
#4
2-Fluorophenol
Concen: 0.259 ng
RT: 5.272 min Scan# 238
Delta R.T. 0.018 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:112 Resp: 20261

Ion	Ratio	Lower	Upper
112	100		
64	53.7	43.1	64.7
63	30.1	21.6	32.4



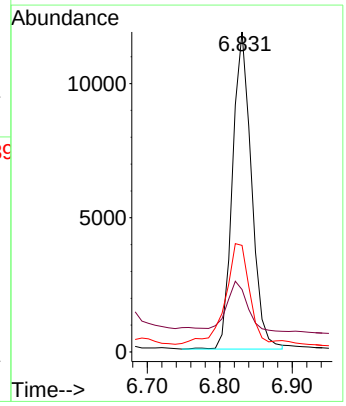
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

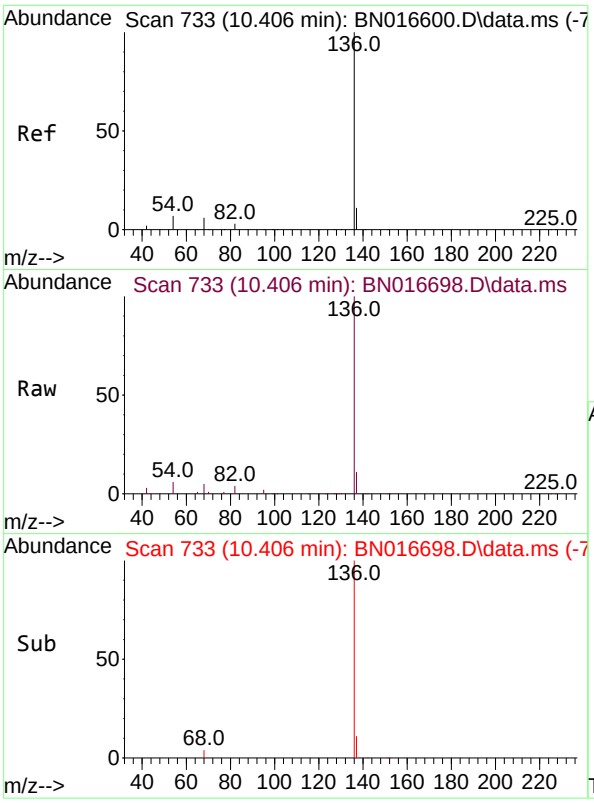


#5
Phenol-d6
Concen: 0.250 ng
RT: 6.831 min Scan# 407
Delta R.T. 0.009 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion: 99 Resp: 21388

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.0	19.6
71	40.5	23.5	35.3#

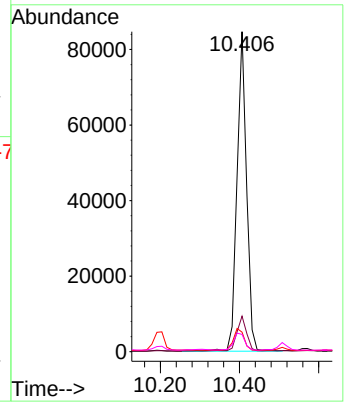




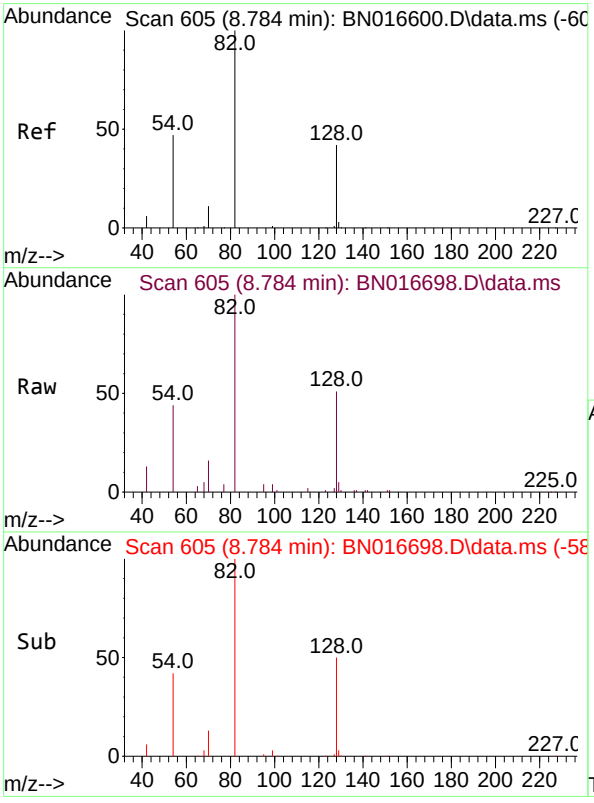
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.406 min Scan# 733
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:136 Resp: 142548

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	6.1	5.9	8.9
68	5.4	5.0	7.6



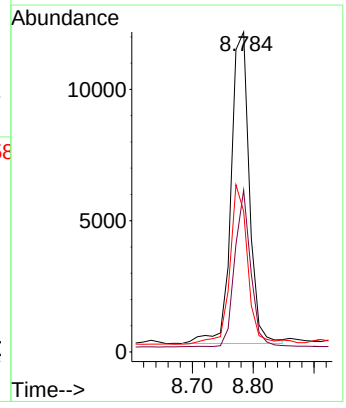
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

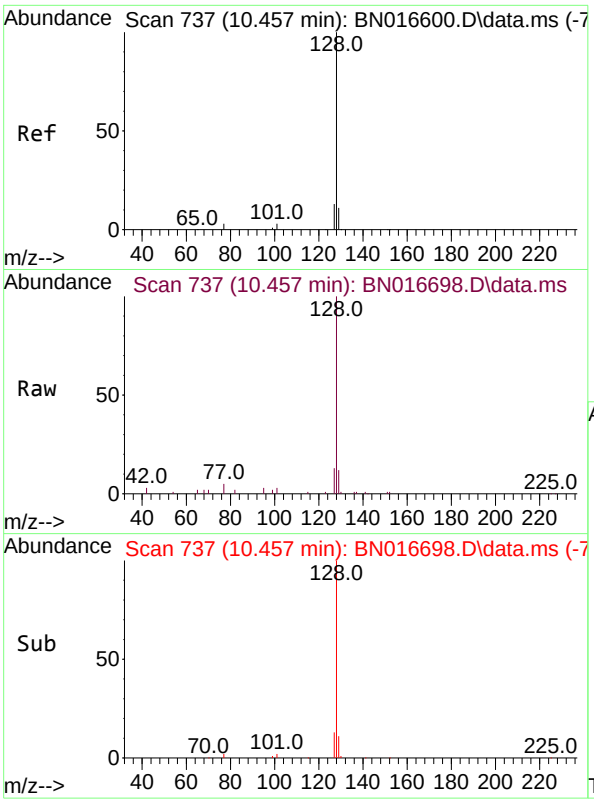


#8
Nitrobenzene-d5
Concen: 0.266 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion: 82 Resp: 24738

Ion	Ratio	Lower	Upper
82	100		
128	50.5	33.6	50.4#
54	44.0	37.6	56.4

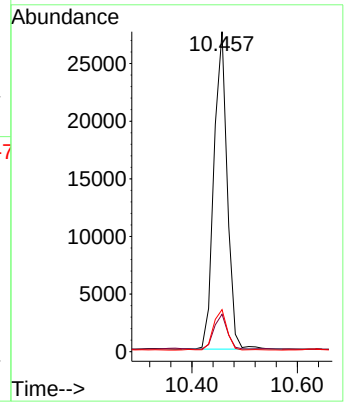




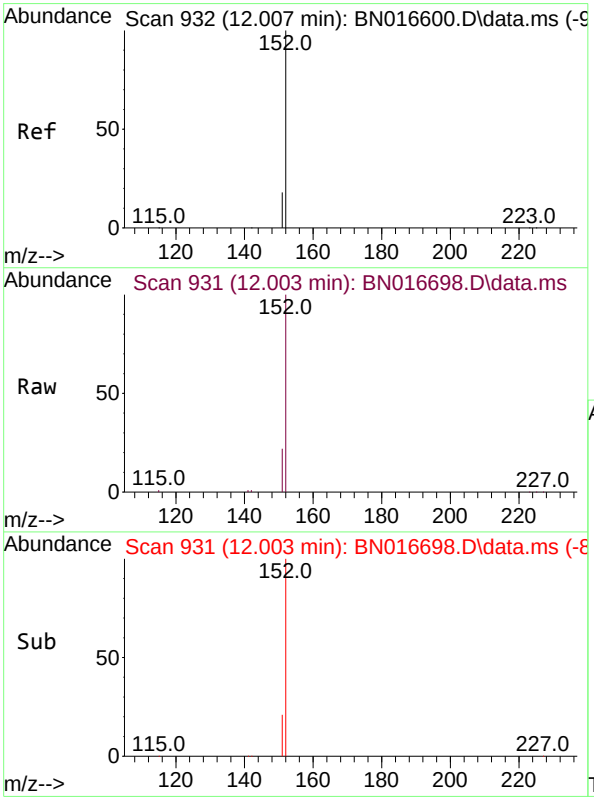
#9
Naphthalene
Concen: 0.125 ng
RT: 10.457 min Scan# 737
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:128 Resp: 48242

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.8	13.2
127	13.2	10.3	15.5



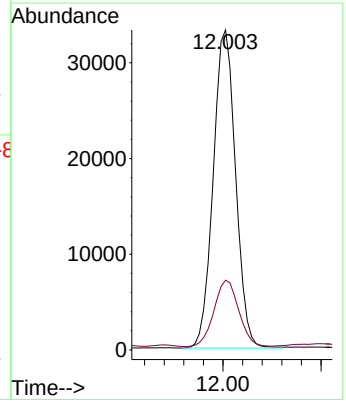
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221



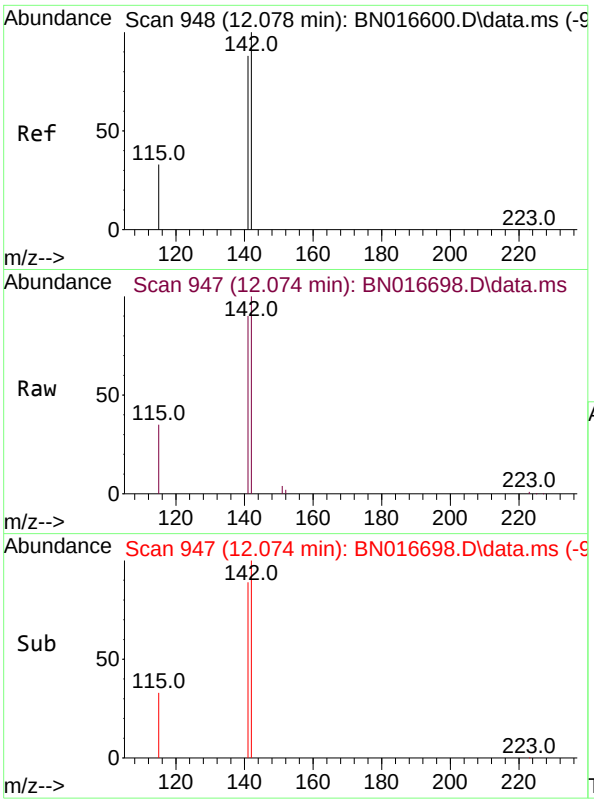
#11
2-Methylnaphthalene-d10
Concen: 0.249 ng
RT: 12.003 min Scan# 931
Delta R.T. -0.004 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:152 Resp: 52563

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.2	24.4



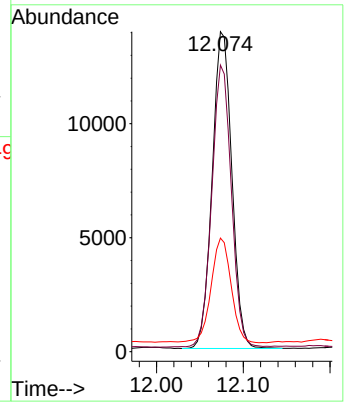
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

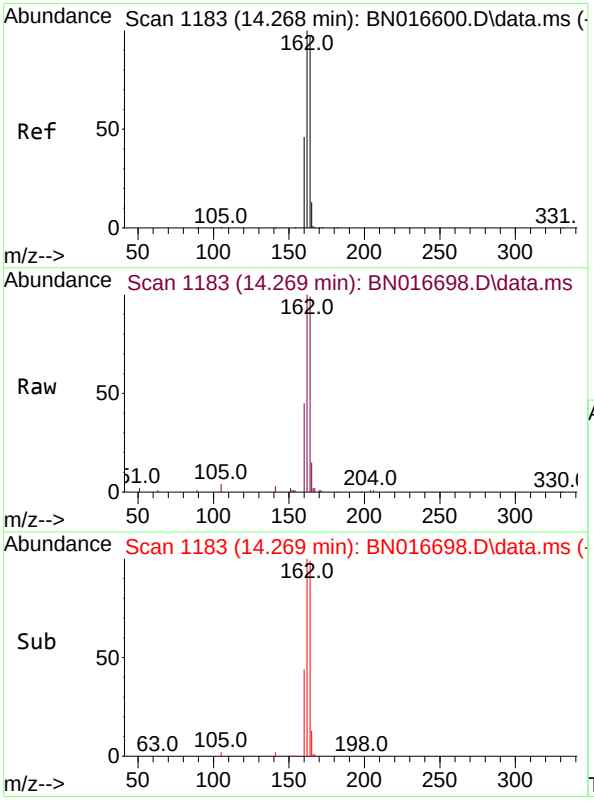


#12
2-Methylnaphthalene
Concen: 0.088 ng
RT: 12.074 min Scan# 947
Delta R.T. -0.004 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:142 Resp: 21868

Ion	Ratio	Lower	Upper
142	100		
141	89.6	70.6	105.8
115	35.5	26.6	39.8

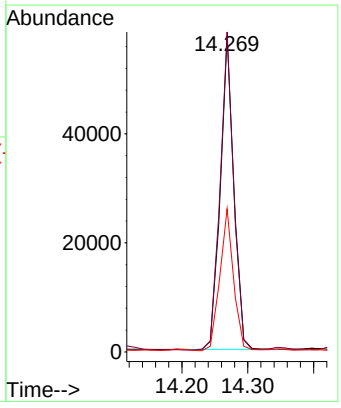


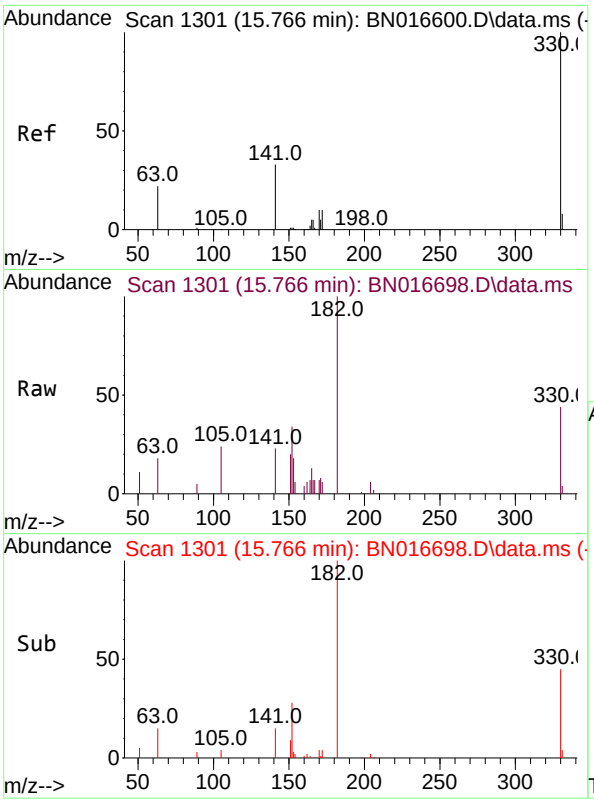


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:164 Resp: 81898

Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.2	123.2
160	45.3	37.7	56.5

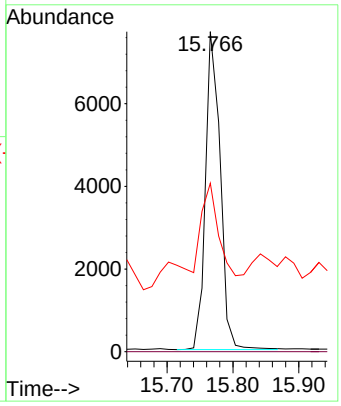




#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 15.766 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:330 Resp: 11990

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.6	25.2	37.8



Instrument :
BNA_N
ClientSampleId :
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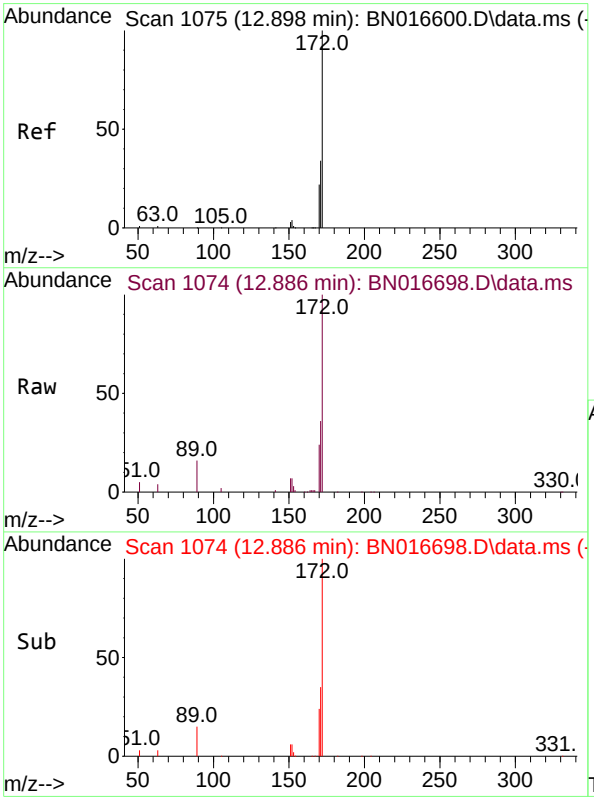
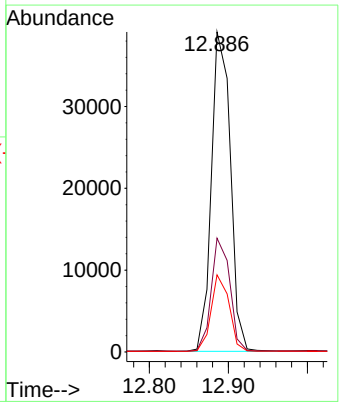
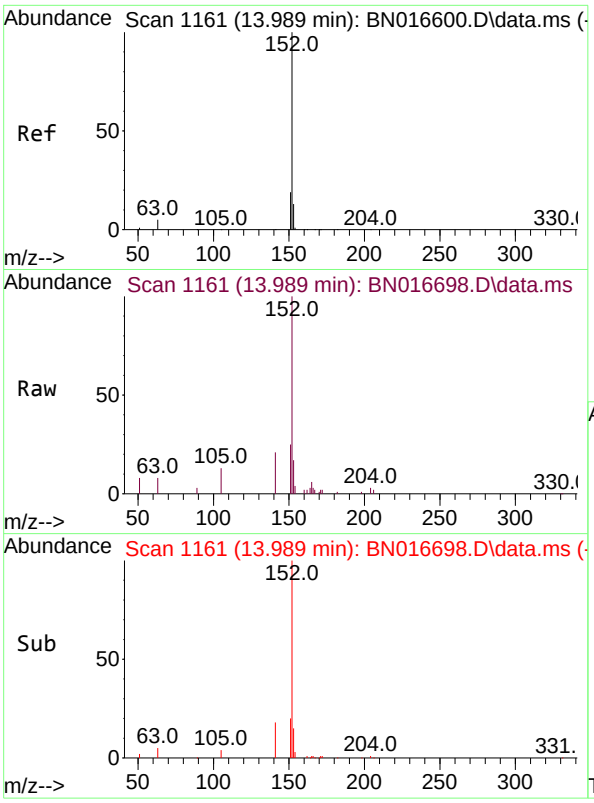


#15
2-Fluorobiphenyl
Concen: 0.197 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:172 Resp: 65189

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.0	40.4
170	24.1	17.4	26.2

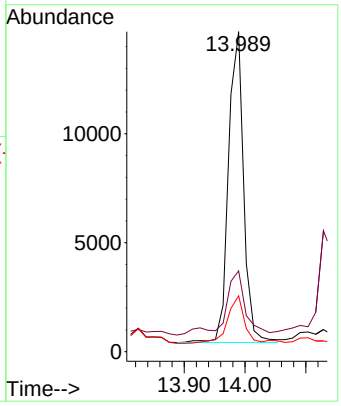




#16
Acenaphthylene
Concen: 0.069 ng
RT: 13.989 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:152 Resp: 24716

Ion	Ratio	Lower	Upper
152	100		
151	21.3	15.5	23.3
153	17.0	10.4	15.6#



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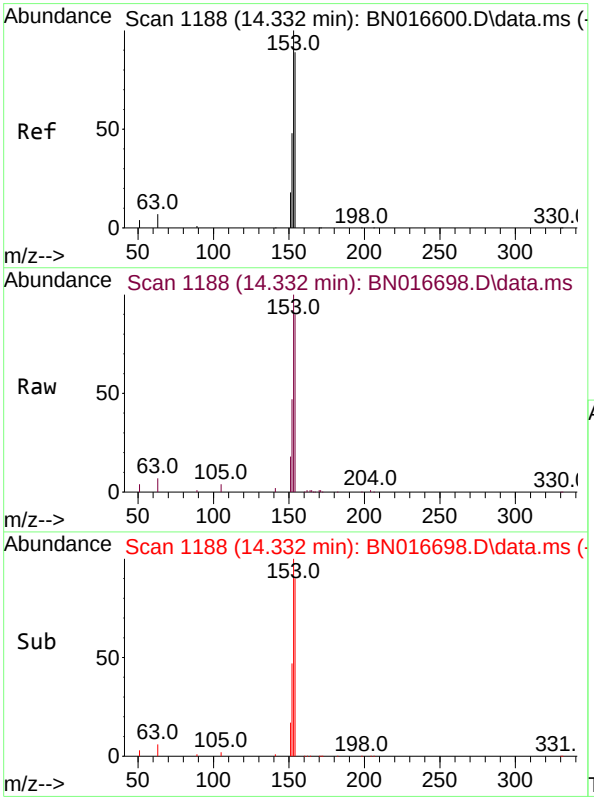
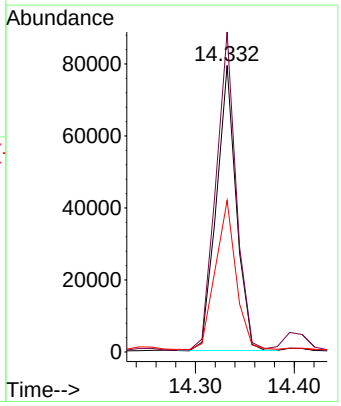
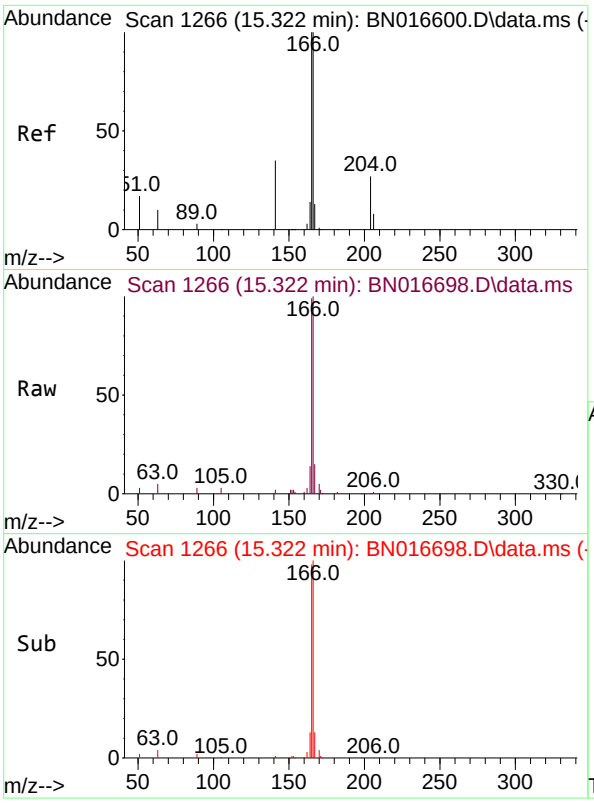


#17
Acenaphthene
Concen: 0.459 ng
RT: 14.332 min Scan# 1188
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:154 Resp: 110792

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.2	135.2
152	53.8	44.0	66.0

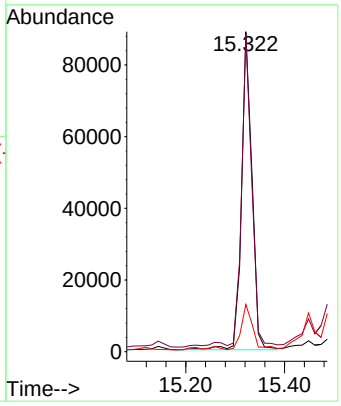




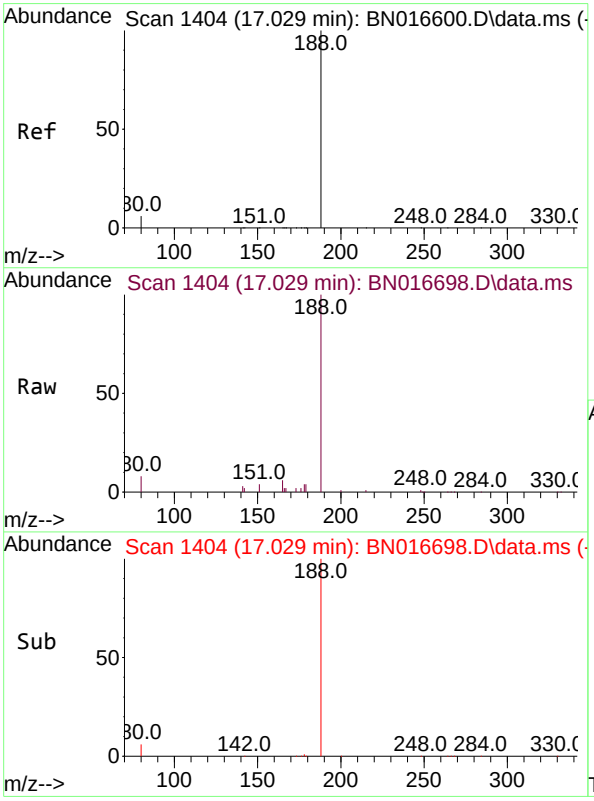
#18
Fluorene
Concen: 0.455 ng
RT: 15.322 min Scan# 1266
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:166 Resp: 129855

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.9	116.9
167	15.5	10.7	16.1



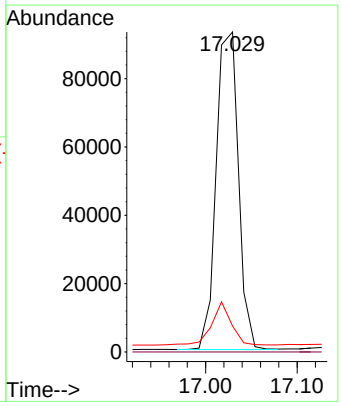
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

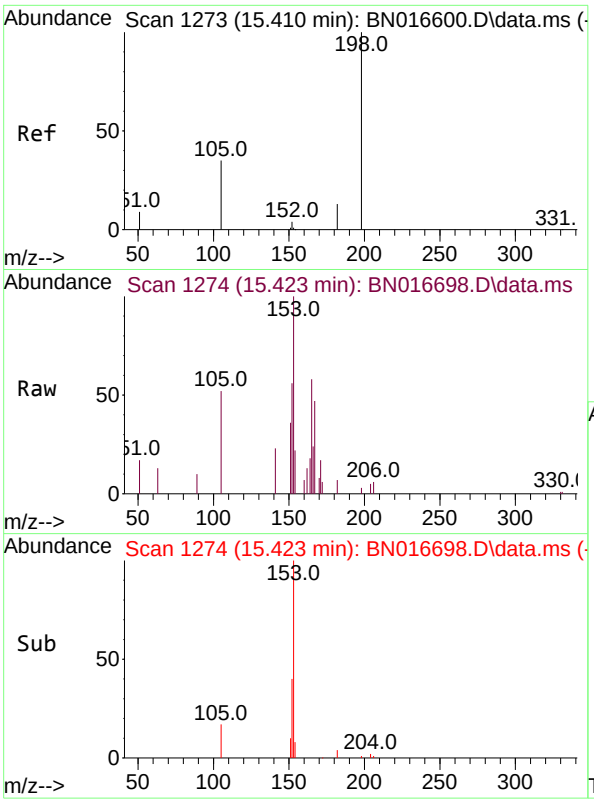


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.029 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:188 Resp: 157023

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.1	5.0	7.6#

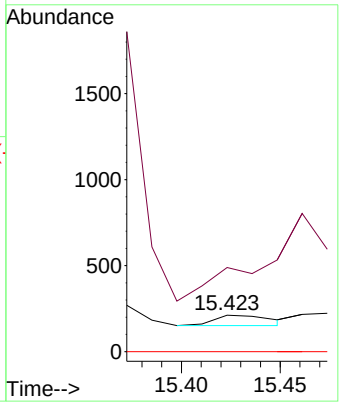




#20
4,6-Dinitro-2-methylphenol
Concen: 0.142 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:198 Resp: 121

Ion	Ratio	Lower	Upper
198	100		
182	230.7	11.8	17.8#
77	0.0	0.0	0.0



Instrument :
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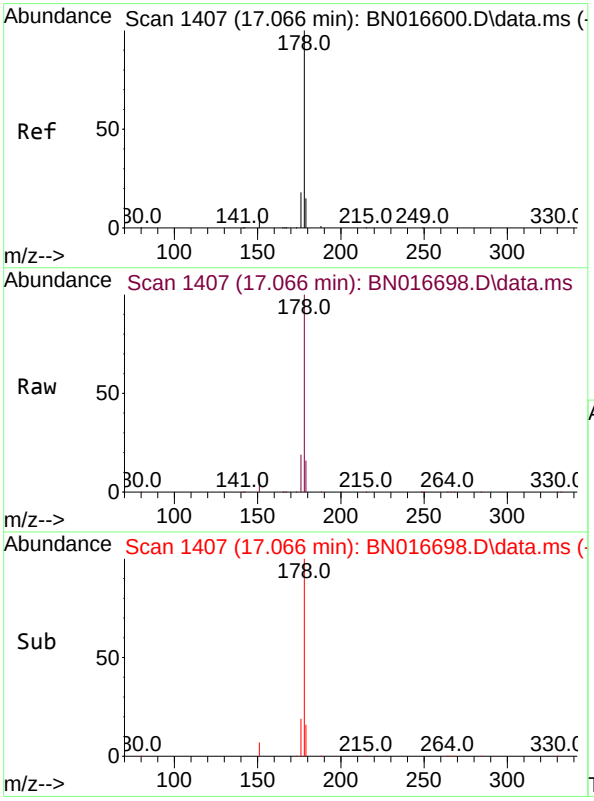
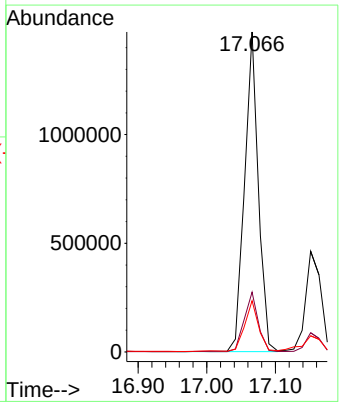
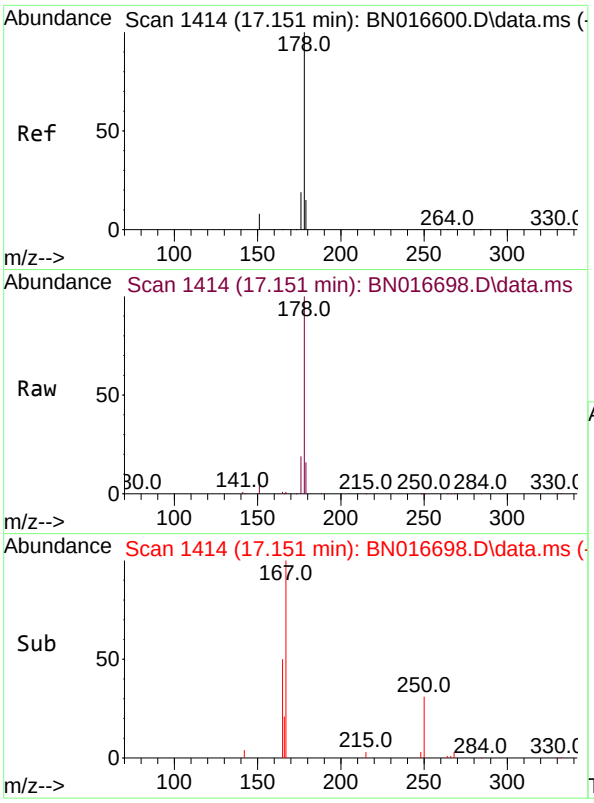


#25
Phenanthrene
Concen: 4.342 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:178 Resp: 2051590

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	16.2	12.2	18.4

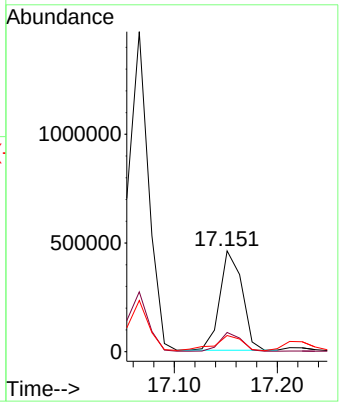




#26
Anthracene
Concen: 1.688 ng
RT: 17.151 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:178 Resp: 688808

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	18.8	12.2	18.4#



Instrument :
BNA_N
ClientSampleId :
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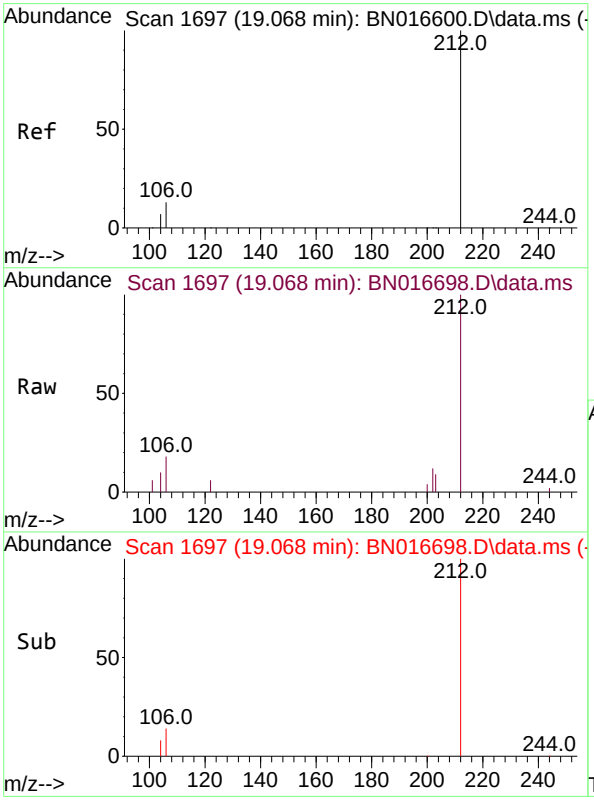
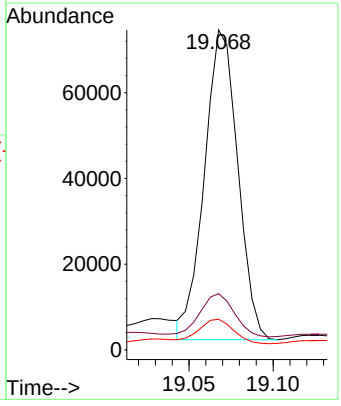
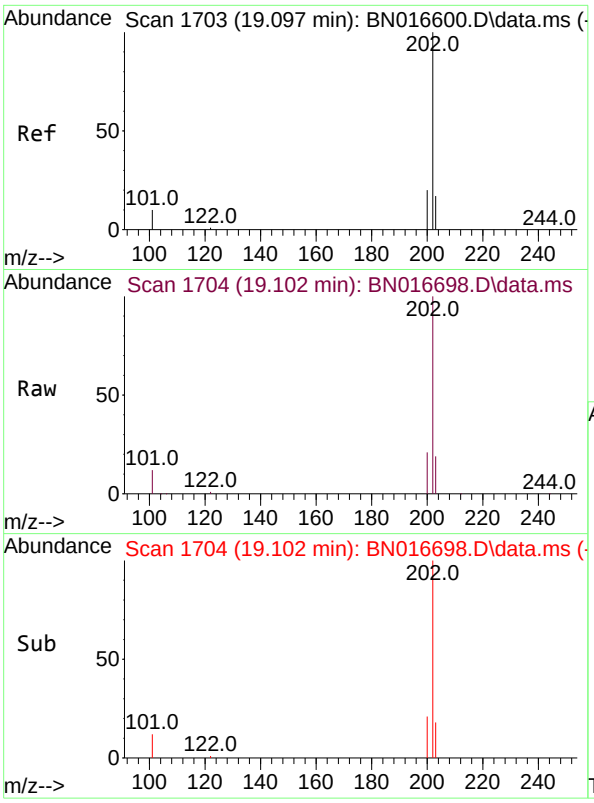


#27
Fluoranthene-d10
Concen: 0.239 ng
RT: 19.068 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:212 Resp: 99840

Ion	Ratio	Lower	Upper
212	100		
106	14.5	10.6	16.0
104	8.3	5.9	8.9

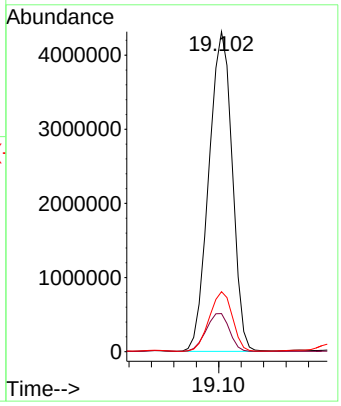




#28
Fluoranthene
Concen: 12.257 ng
RT: 19.102 min Scan# 1704
Delta R.T. 0.005 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:202 Resp: 6252427

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.0	13.4
203	18.3	13.8	20.6



Instrument :
BNA_N
ClientSampleId :
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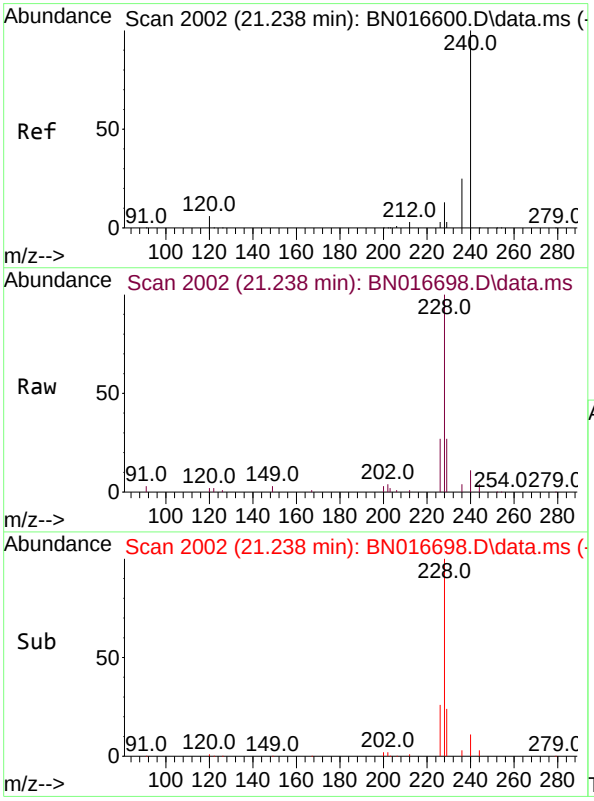
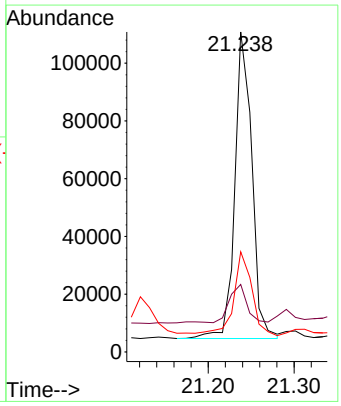


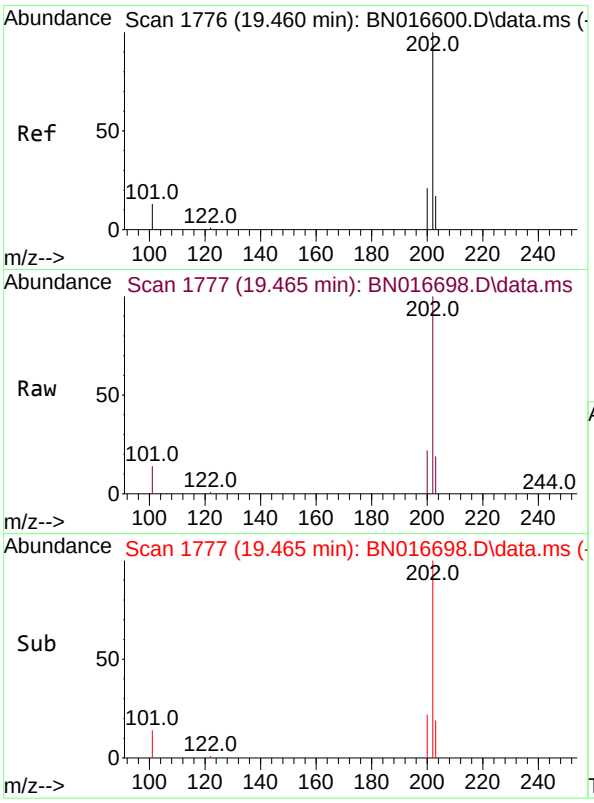
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.238 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:240 Resp: 146277

Ion	Ratio	Lower	Upper
240	100		
120	21.1	5.0	7.4#
236	31.3	20.4	30.6#



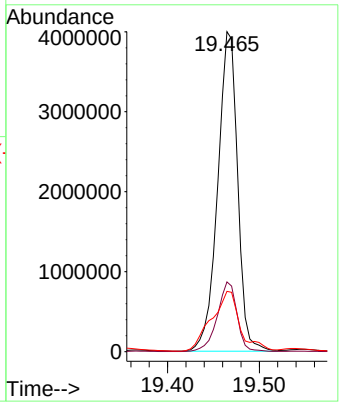
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

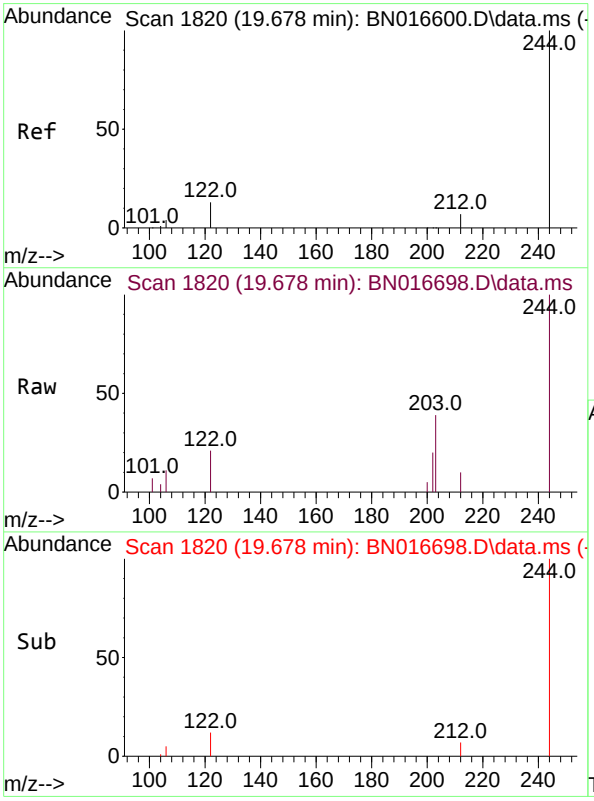


#30
Pyrene
Concen: 12.780 ng
RT: 19.465 min Scan# 1777
Delta R.T. 0.005 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:202 Resp: 6048464

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.5	24.7
203	26.4	14.0	21.0#

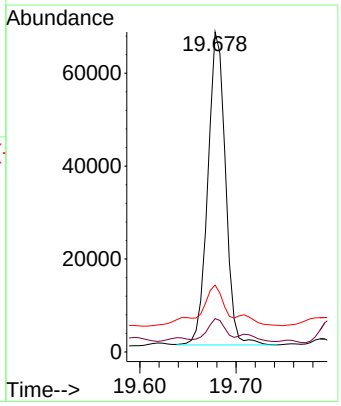




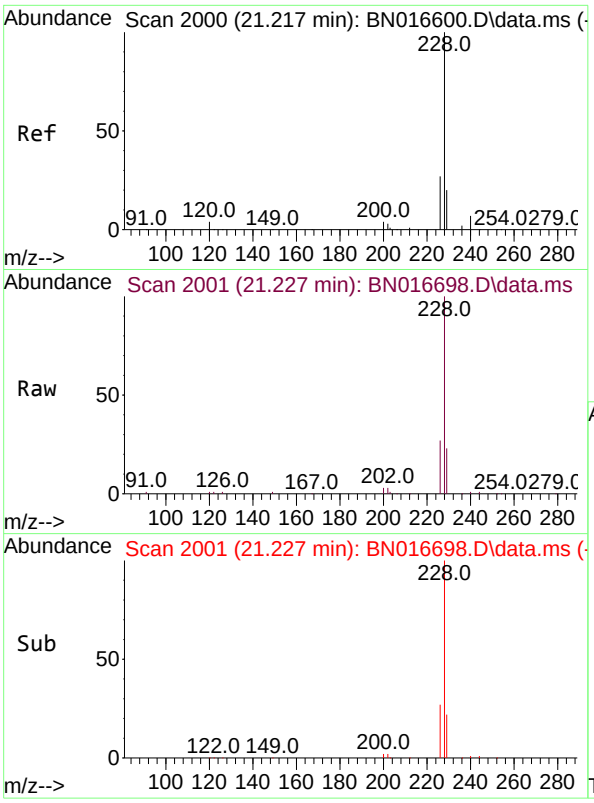
#31
Terphenyl-d14
Concen: 0.269 ng
RT: 19.678 min Scan# 1820
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:244 Resp: 85589

Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.0	9.0#
122	20.9	10.1	15.1#



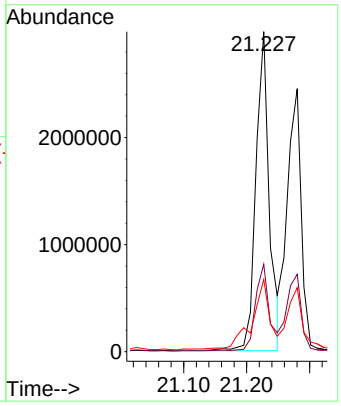
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

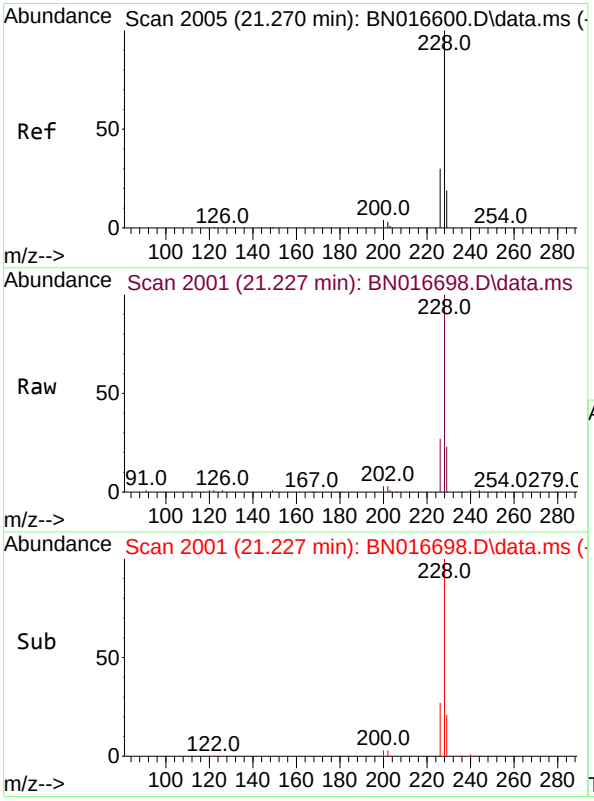


#32
Benzo(a)anthracene
Concen: 9.878 ng
RT: 21.227 min Scan# 2001
Delta R.T. 0.011 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:228 Resp: 4434927

Ion	Ratio	Lower	Upper
228	100		
226	27.4	21.9	32.9
229	22.5	15.7	23.5

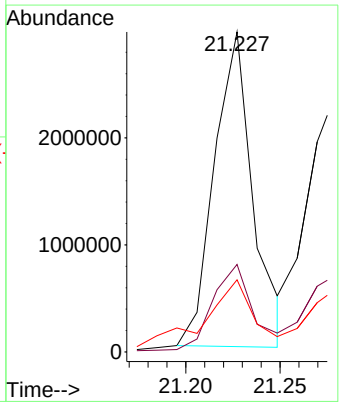


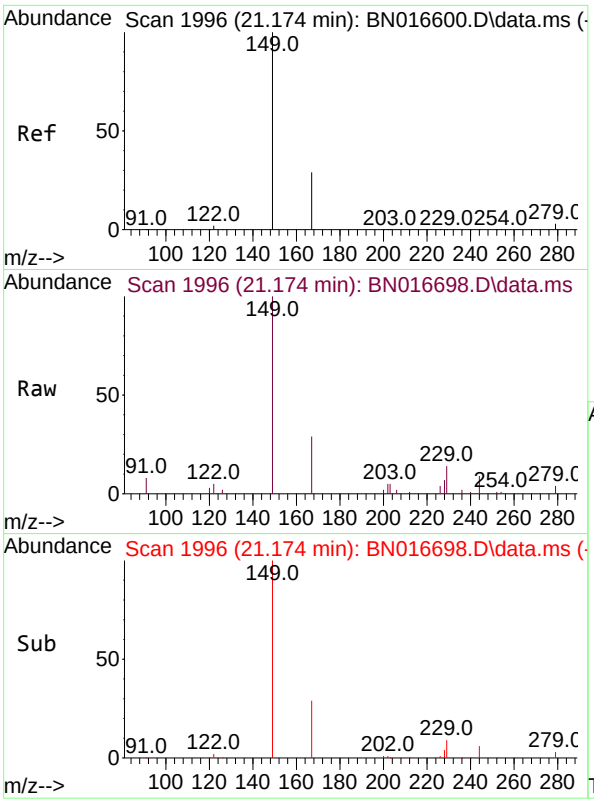


#33
Chrysene
Concen: 9.243 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.042 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:228 Resp: 4202034

Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.7	35.5
229	22.5	15.5	23.3

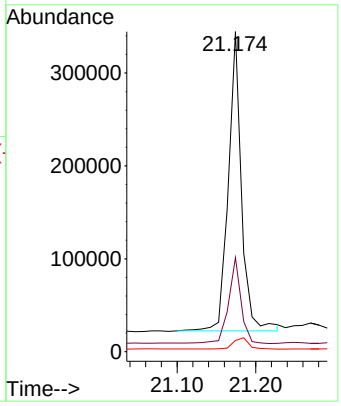




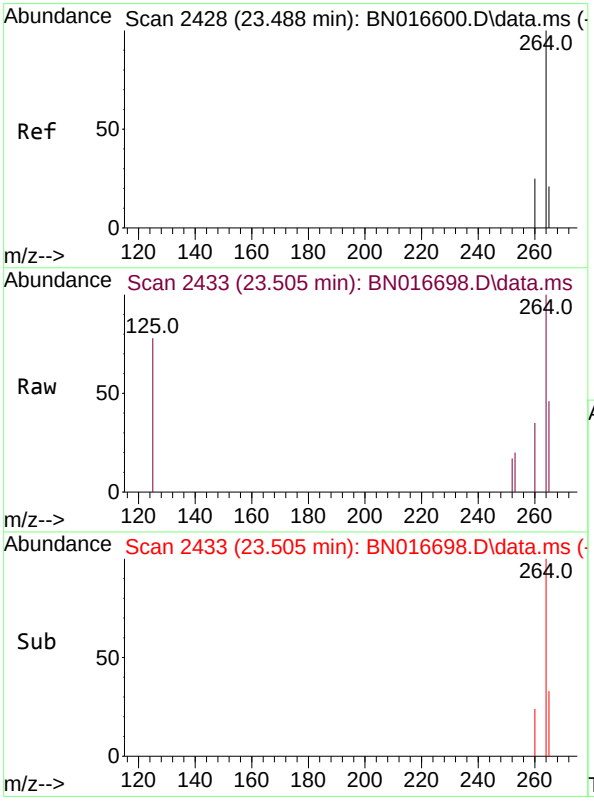
#34
Bis(2-ethylhexyl)phthalate
Concen: 2.091 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:149 Resp: 374249

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.4
279	4.6	3.2	4.8



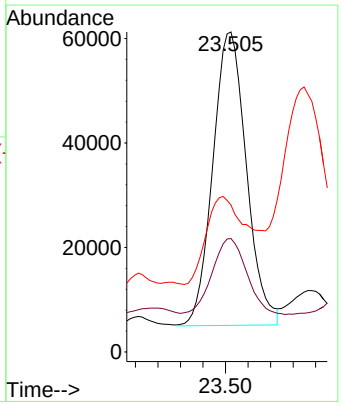
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221



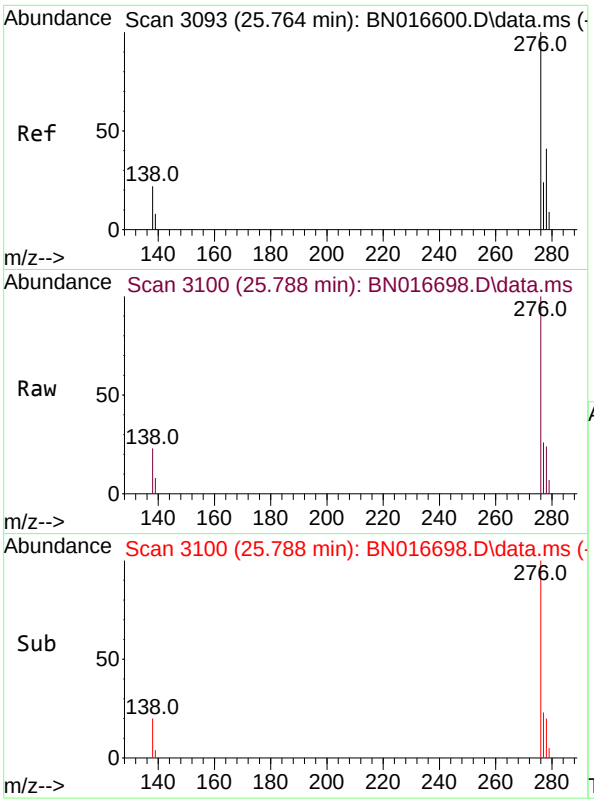
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.505 min Scan# 2433
Delta R.T. 0.017 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:264 Resp: 116436

Ion	Ratio	Lower	Upper
264	100		
260	35.5	19.9	29.9#
265	46.0	19.2	28.8#



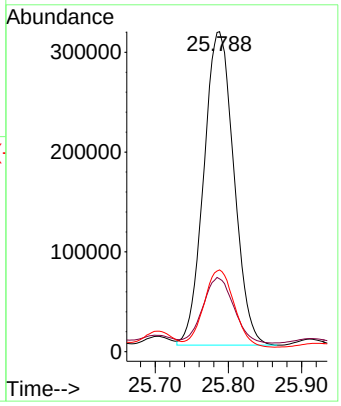
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

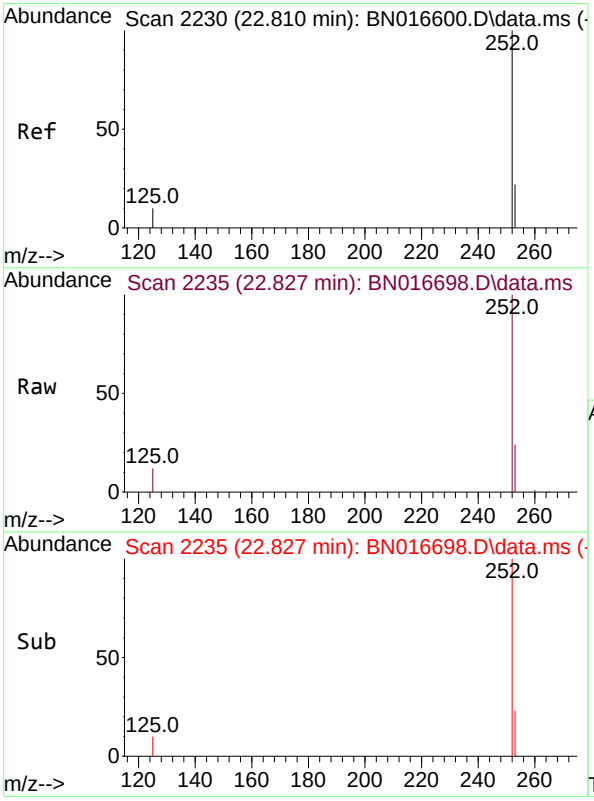


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.161 ng
RT: 25.788 min Scan# 3100
Delta R.T. 0.024 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:276 Resp: 897625

Ion	Ratio	Lower	Upper
276	100		
138	21.4	19.5	29.3
277	25.0	19.9	29.9

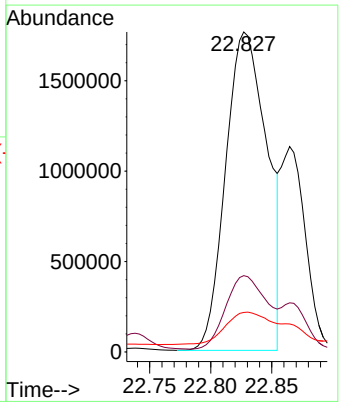




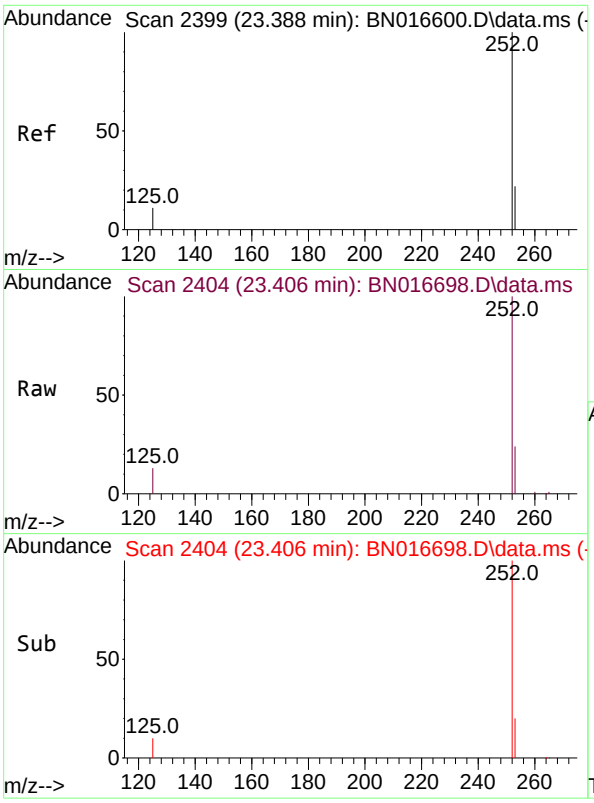
#37
Benzo(b)fluoranthene
Concen: 11.082 ng
RT: 22.827 min Scan# 2235
Delta R.T. 0.017 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:252 Resp: 4146605

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	12.4	8.0	12.0#



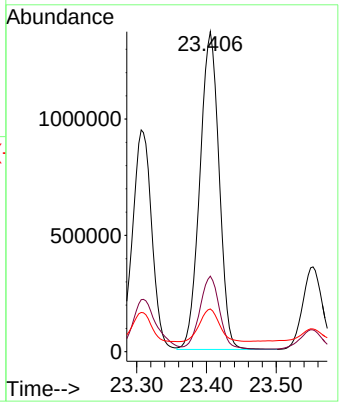
Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221

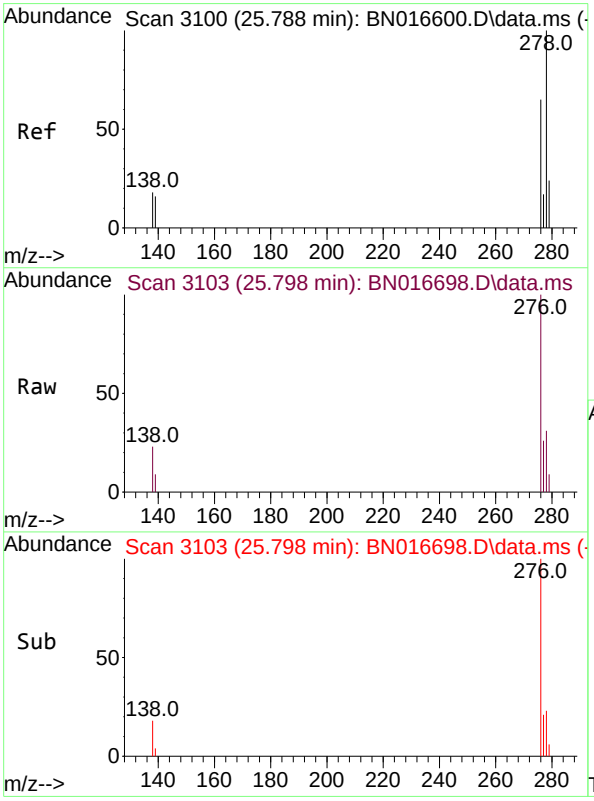


#39
Benzo(a)pyrene
Concen: 7.831 ng
RT: 23.406 min Scan# 2404
Delta R.T. 0.017 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:252 Resp: 2609791

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.8
125	13.3	9.0	13.4

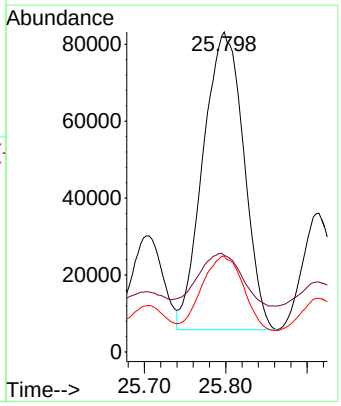


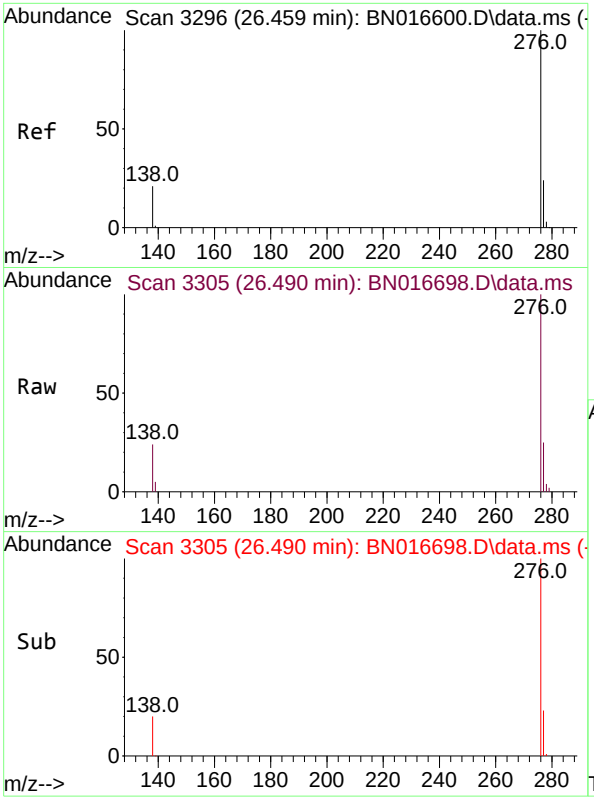


#40
Dibenzo(a,h)anthracene
Concen: 0.801 ng
RT: 25.798 min Scan# 3103
Delta R.T. 0.010 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:278 Resp: 268461

Ion	Ratio	Lower	Upper
278	100		
139	30.2	13.1	19.7#
279	29.9	19.1	28.7#

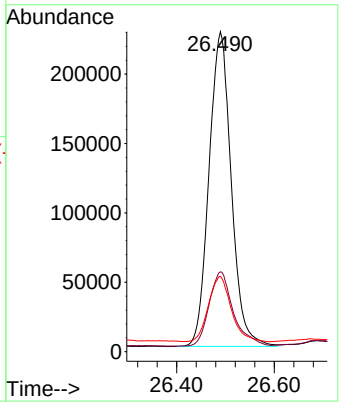




#41
Benzo(g,h,i)perylene
Concen: 1.955 ng
RT: 26.490 min Scan# 3305
Delta R.T. 0.031 min
Lab File: BN016698.D
Acq: 03 Oct 2021 08:48

Tgt Ion:276 Resp: 718299

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.0	28.6
138	23.5	16.9	25.3



Instrument :
BNA_N
ClientSampleId :
S-832-J-SO-2-2.5-092221