Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100621\
Data File : BN016805.D
Acq On : 07 Oct 2021 07:55
Operator : CG/JU
Sample : M3945-09
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : S-816-N-SO-0-0.5-092421

Quant Time: Oct 07 08:28:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 14:22:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	21327	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	102353	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	59922	0.400	ng	-0.01
19) Phenanthrene-d10	17.017	188	121566	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	109978	0.400	ng	# 0.00
35) Perylene-d12	23.481	264	117070	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.273	112	11552	0.212	ng	0.03
5) Phenol-d6	6.822	99	14176	0.235	ng	0.00
8) Nitrobenzene-d5	8.772	82	18708	0.261	ng	0.00
11) 2-Methylnaphthalene-d10	11.994	152	41139	0.270	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8539	0.364	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	51929	0.217	ng	0.00
27) Fluoranthene-d10	19.058	212	72128	0.217	ng	0.00
31) Terphenyl-d14	19.673	244	51654	0.210	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.502	42	4885	0.304	ng	# 1
9) Naphthalene	10.445	128	9511	0.034	ng	95
12) 2-Methylnaphthalene	12.069	142	5898	0.033	ng	97
16) Acenaphthylene	13.977	152	15373	0.058	ng	95
17) Acenaphthene	14.319	154	18023	0.103	ng	100
18) Fluorene	15.322	166	25593	0.121	ng	96
20) 4,6-Dinitro-2-methylph...	15.423	198	16	0.267	ng	# 1
24) Pentachlorophenol	16.677	266	212	0.344	ng	92
25) Phenanthrene	17.054	178	841545	2.355	ng	100
26) Anthracene	17.151	178	148160	0.464	ng	# 92
28) Fluoranthene	19.093	202	2537389	6.398	ng	99
30) Pyrene	19.455	202	2203721	6.094	ng	# 94
32) Benzo(a)anthracene	21.217	228	1416894	4.154	ng	98
33) Chrysene	21.270	228	1439569	4.160	ng	96
34) Bis(2-ethylhexyl)phtha...	21.164	149	107696	0.521	ng	100
36) Indeno(1,2,3-cd)pyrene	25.757	276	869853	2.340	ng	97
37) Benzo(b)fluoranthene	22.810	252	2155214	5.693	ng	99
39) Benzo(a)pyrene	23.385	252	1284404	3.792	ng	99
40) Dibenzo(a,h)anthracene	25.771	278	208002	0.705	ng	# 94
41) Benzo(g,h,i)perylene	26.455	276	792700	2.403	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 : Wed Oct 06 14:22:07 2021
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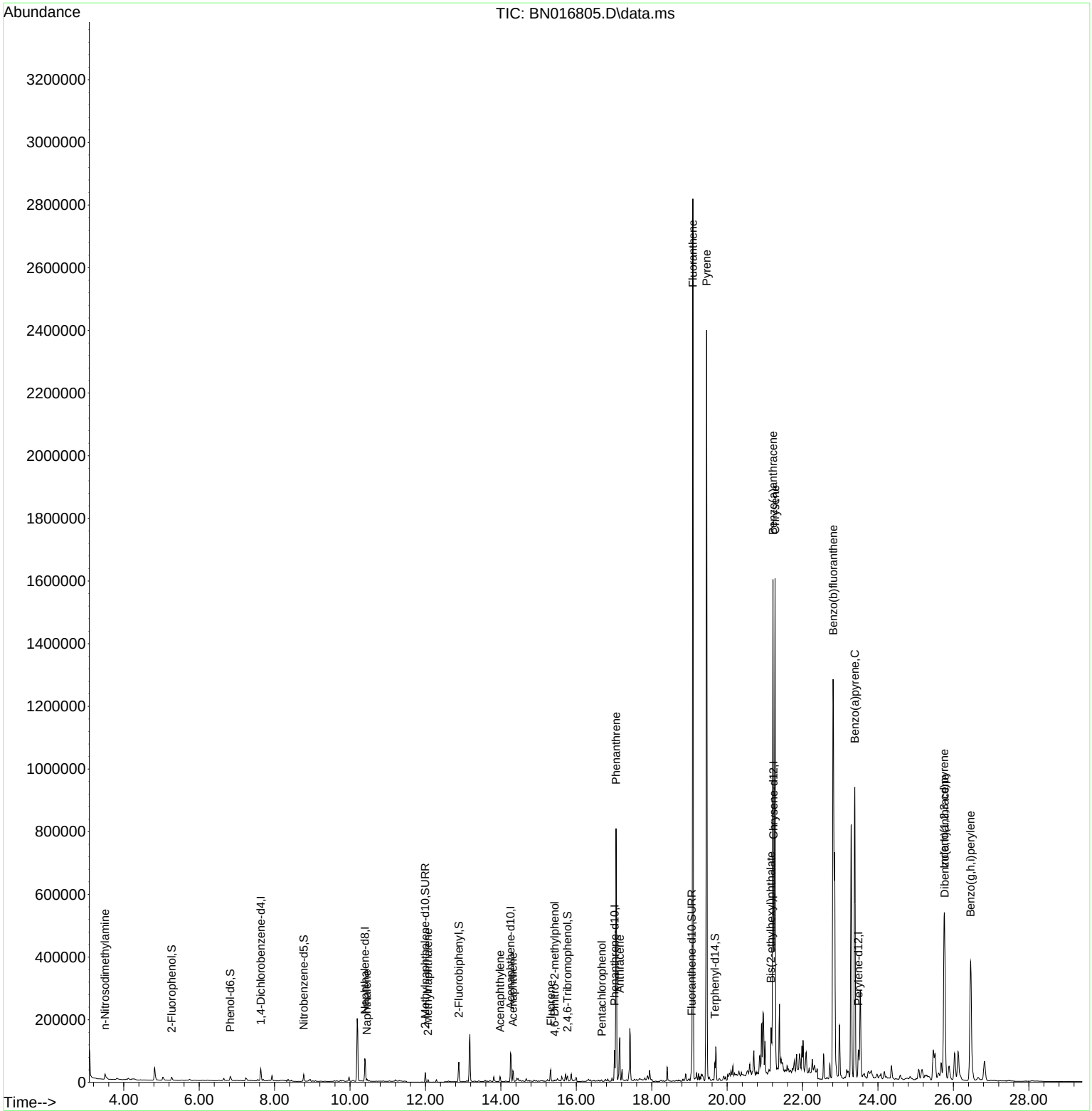
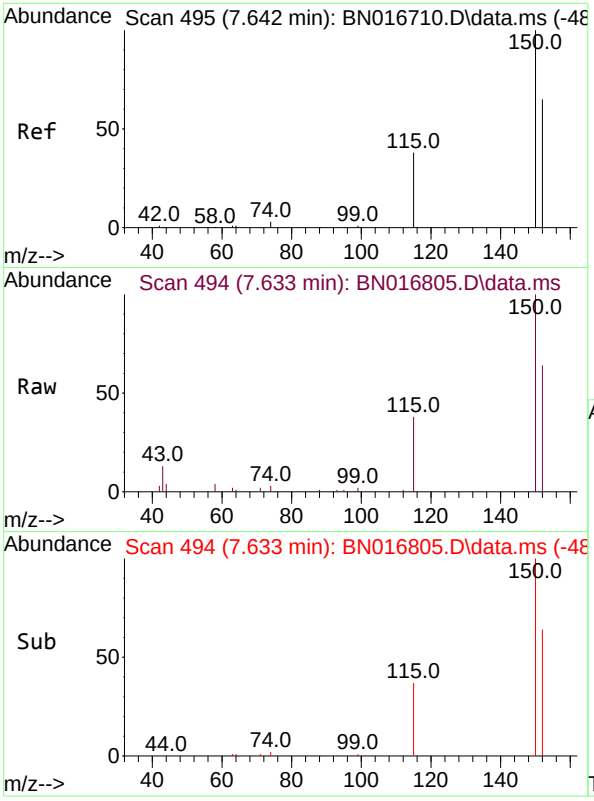
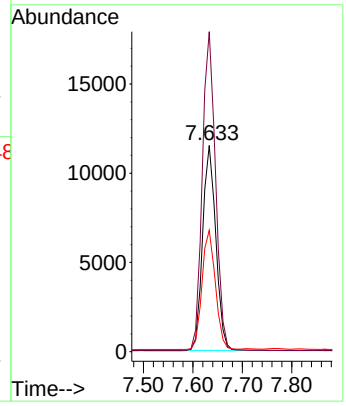


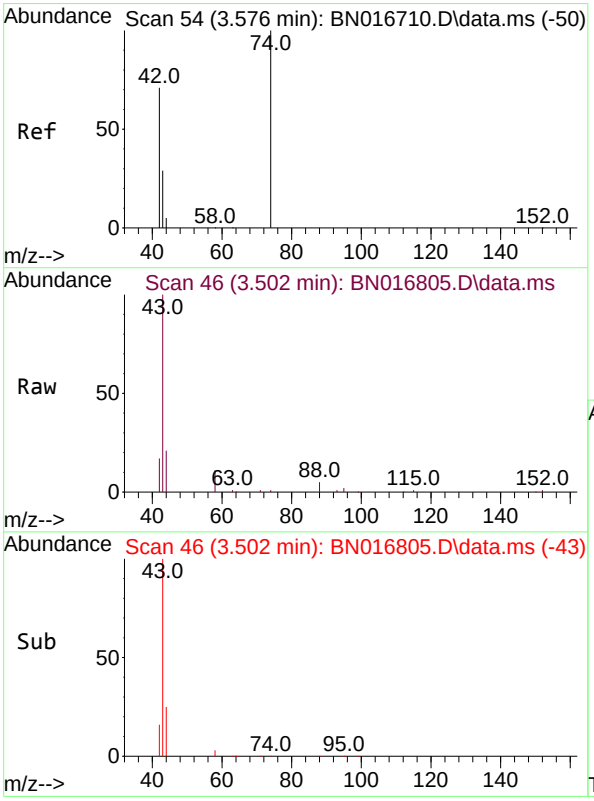


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.633 min Scan# 494
Delta R.T. 0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:152 Resp: 21327

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.3	184.9
115	58.9	47.0	70.6

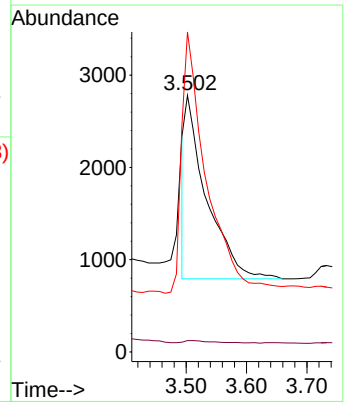




#3
n-Nitrosodimethylamine
Concen: 0.304 ng
RT: 3.502 min Scan# 46
Delta R.T. -0.074 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion: 42 Resp: 4885

Ion	Ratio	Lower	Upper
42	100		
74	1.9	124.0	186.0#
44	129.2	5.6	8.4#



Instrument :
BNA_N
ClientSampleId :
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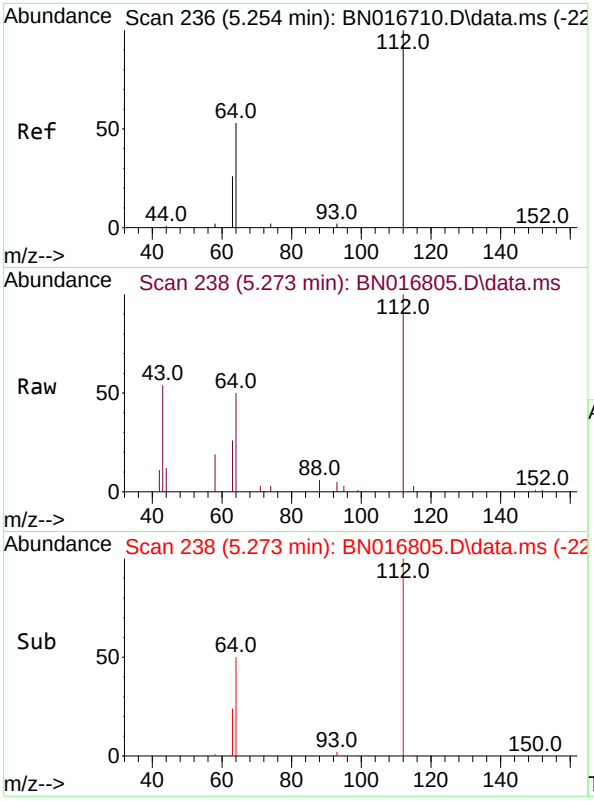
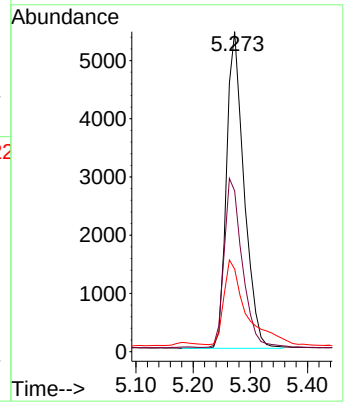
ClientSampleId :
S-816-N-SO-0-0.5-092421

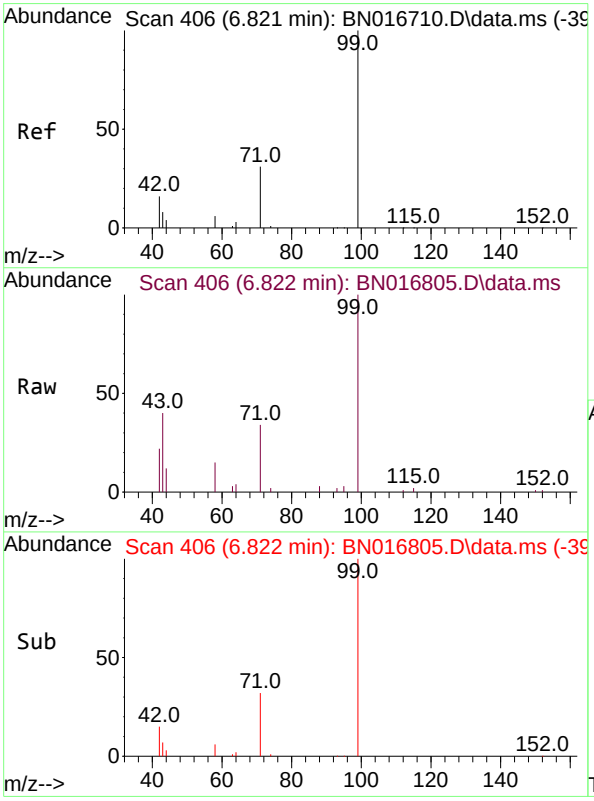


#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.273 min Scan# 238
Delta R.T. 0.028 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:112 Resp: 11552

Ion	Ratio	Lower	Upper
112	100		
64	55.2	42.9	64.3
63	32.9	21.5	32.3#

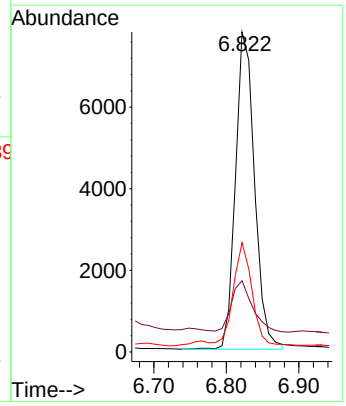


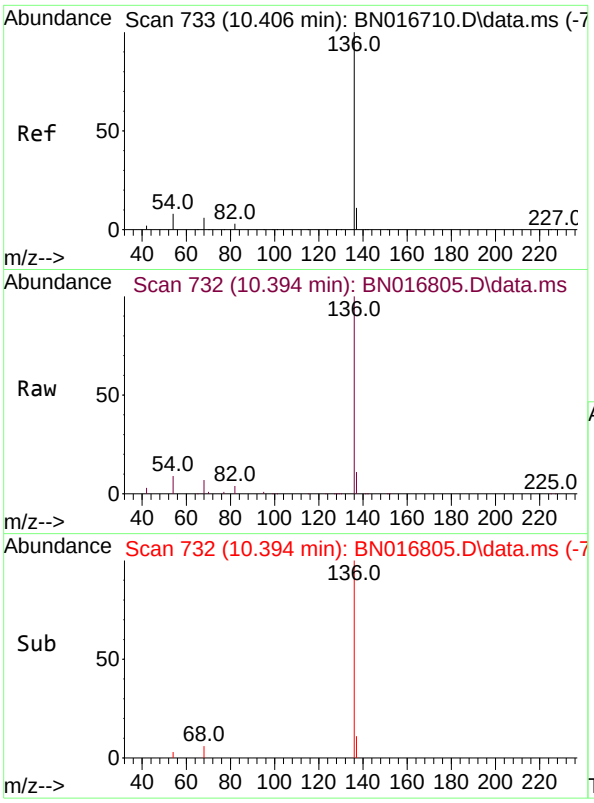


#5
Phenol-d6
Concen: 0.235 ng
RT: 6.822 min Scan# 406
Delta R.T. 0.009 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion: 99 Resp: 14176

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.4	20.2
71	31.0	24.0	36.0

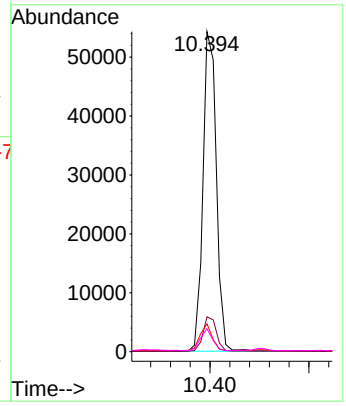




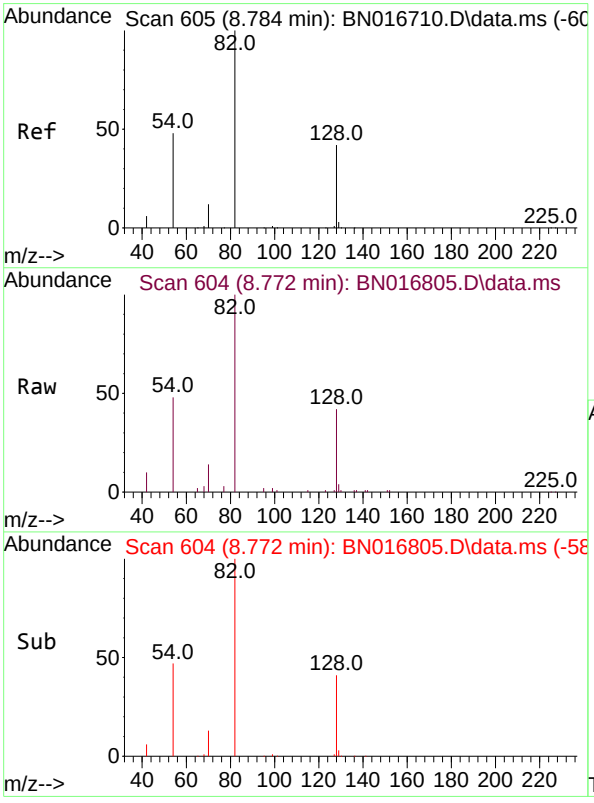
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 732
Delta R.T. -0.013 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:136 Resp: 102353

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.7	6.5	9.7
68	7.2	5.3	7.9



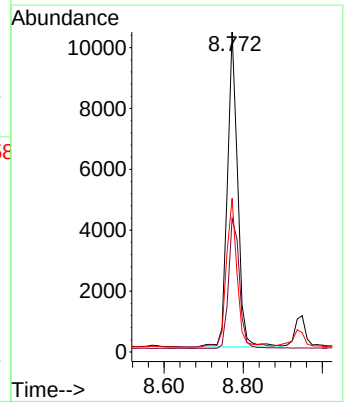
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

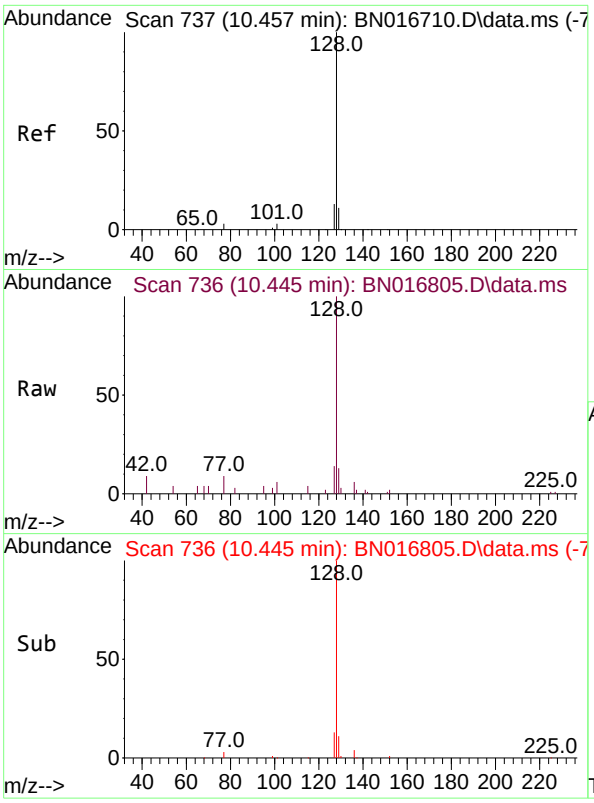


#8
Nitrobenzene-d5
Concen: 0.261 ng
RT: 8.772 min Scan# 604
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion: 82 Resp: 18708

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.8	50.6
54	48.0	38.5	57.7

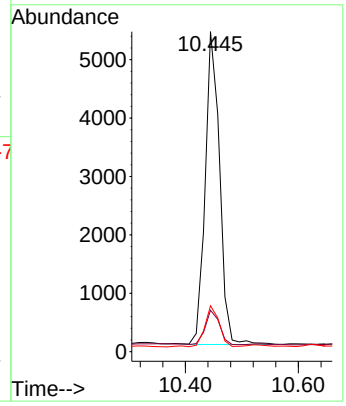




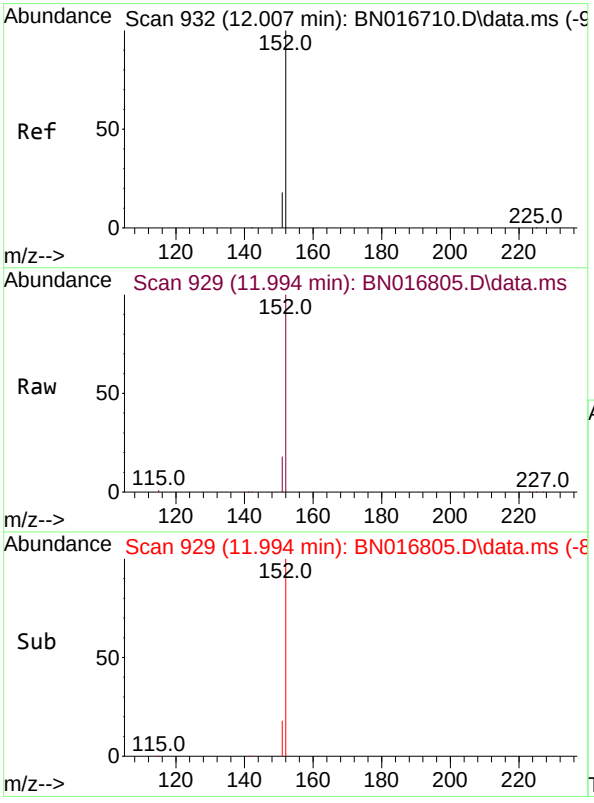
#9
Naphthalene
Concen: 0.034 ng
RT: 10.445 min Scan# 736
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:128 Resp: 9511

Ion	Ratio	Lower	Upper
128	100		
129	13.0	8.7	13.1
127	14.4	10.3	15.5



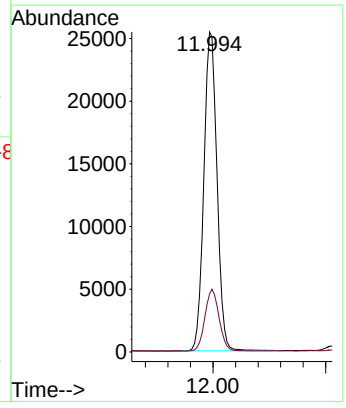
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421



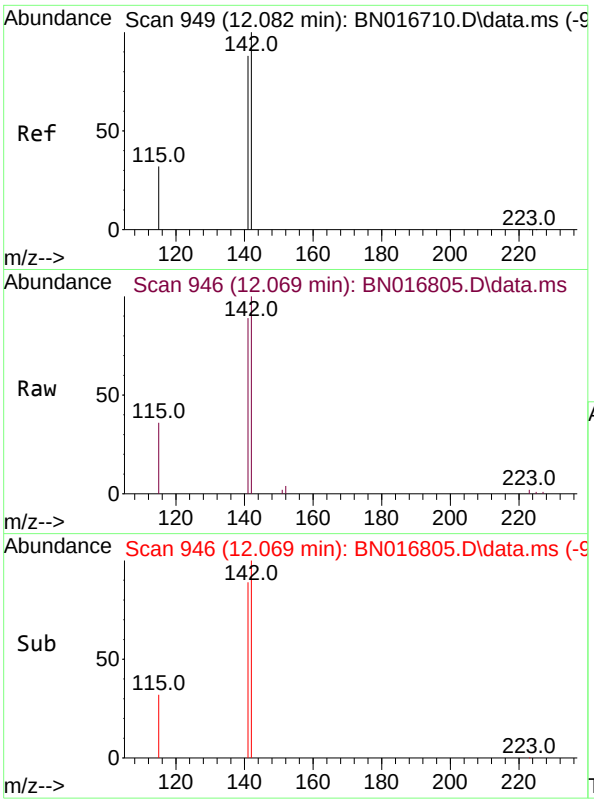
#11
2-Methylnaphthalene-d10
Concen: 0.270 ng
RT: 11.994 min Scan# 929
Delta R.T. -0.005 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:152 Resp: 41139

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4



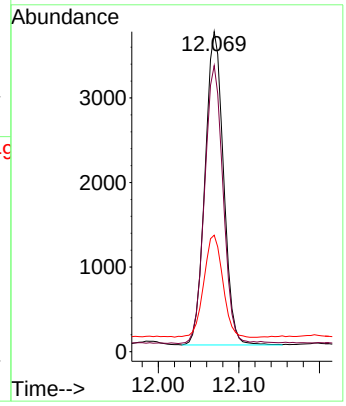
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

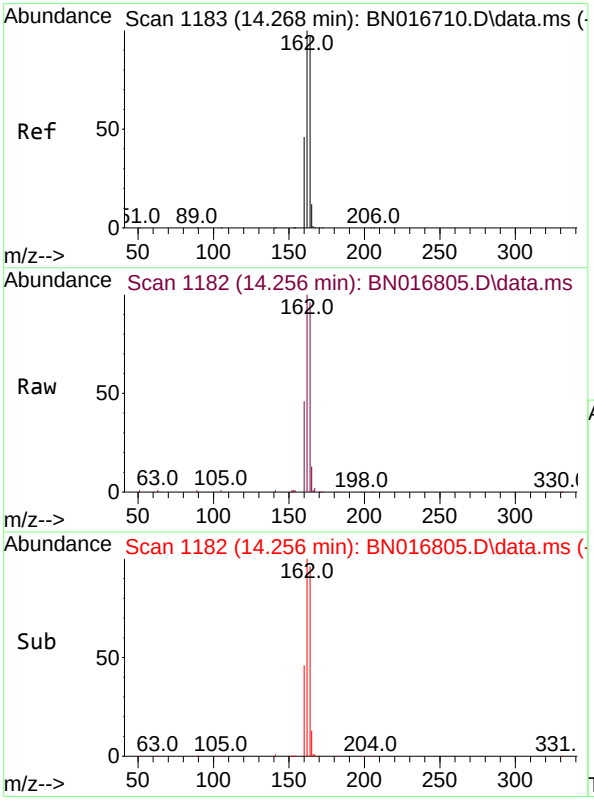


#12
2-Methylnaphthalene
Concen: 0.033 ng
RT: 12.069 min Scan# 946
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:142 Resp: 5898

Ion	Ratio	Lower	Upper
142	100		
141	89.4	70.6	106.0
115	36.4	26.1	39.1

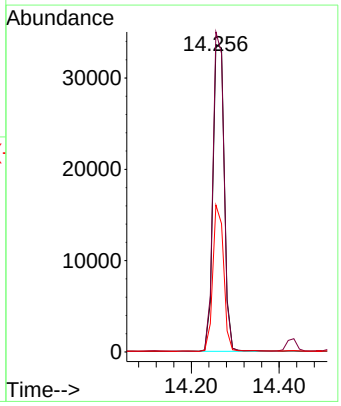


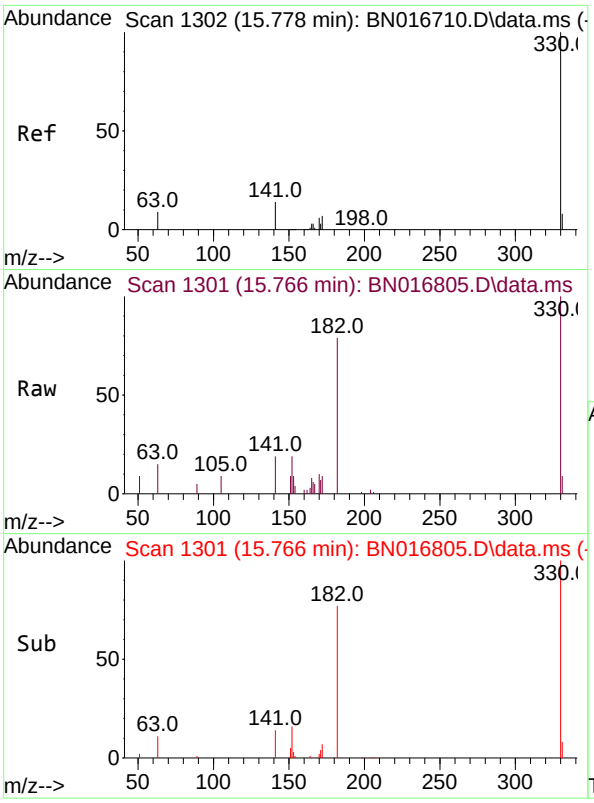


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1182
Delta R.T. -0.013 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:164 Resp: 59922

Ion	Ratio	Lower	Upper
164	100		
162	104.1	82.6	124.0
160	47.8	38.2	57.2

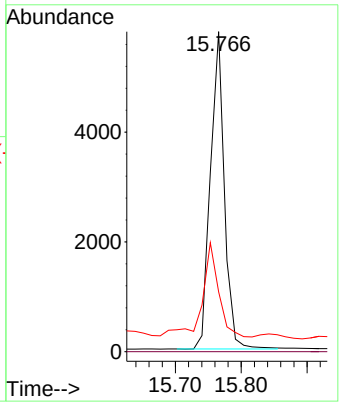




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 15.766 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:330 Resp: 8539

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	24.2	36.2



Instrument :
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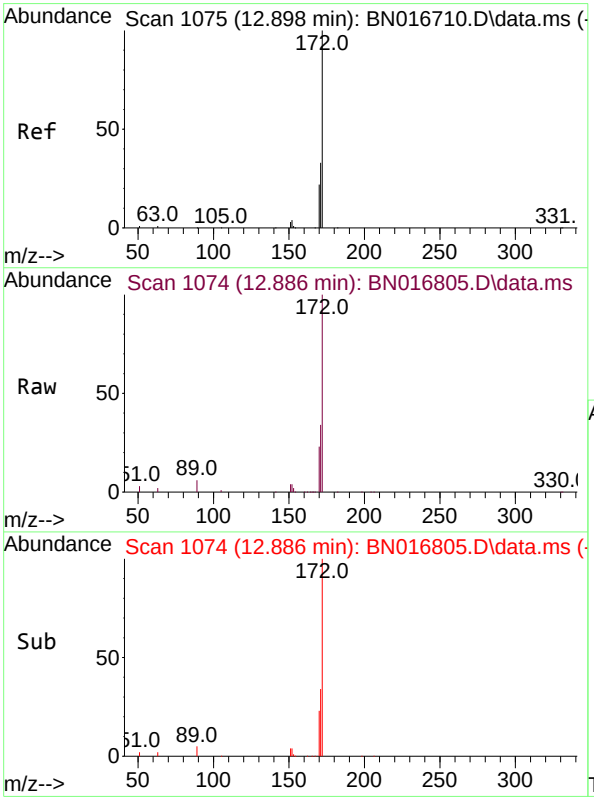
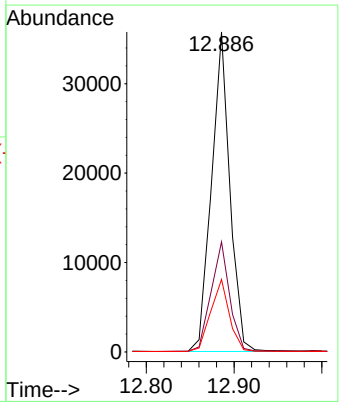
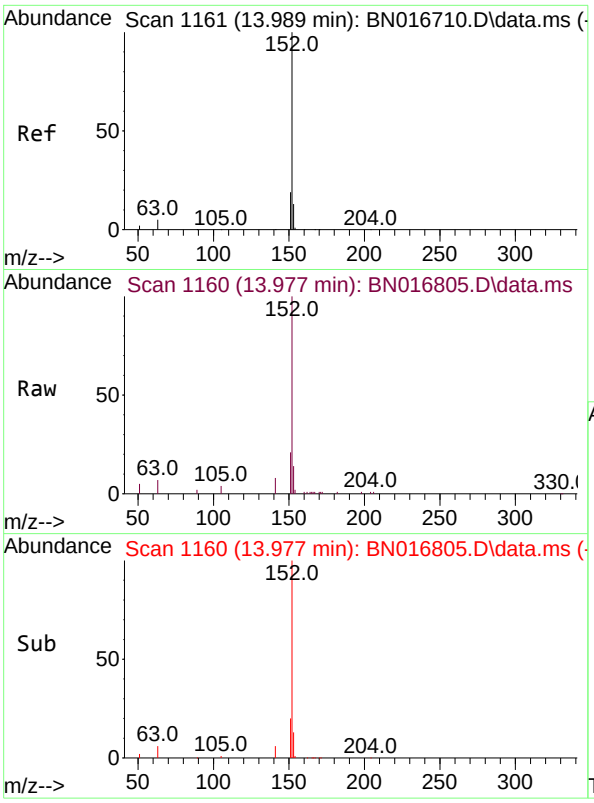


#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:172 Resp: 51929

Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.9	40.3
170	22.7	17.4	26.0

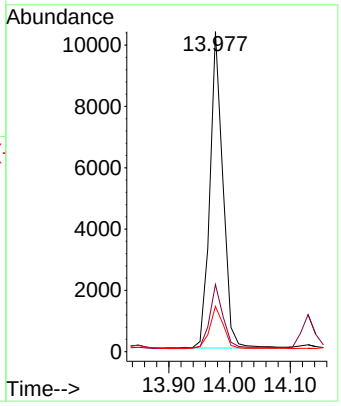




#16
Acenaphthylene
Concen: 0.058 ng
RT: 13.977 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:152 Resp: 15373

Ion	Ratio	Lower	Upper
152	100		
151	22.0	15.5	23.3
153	14.3	10.4	15.6



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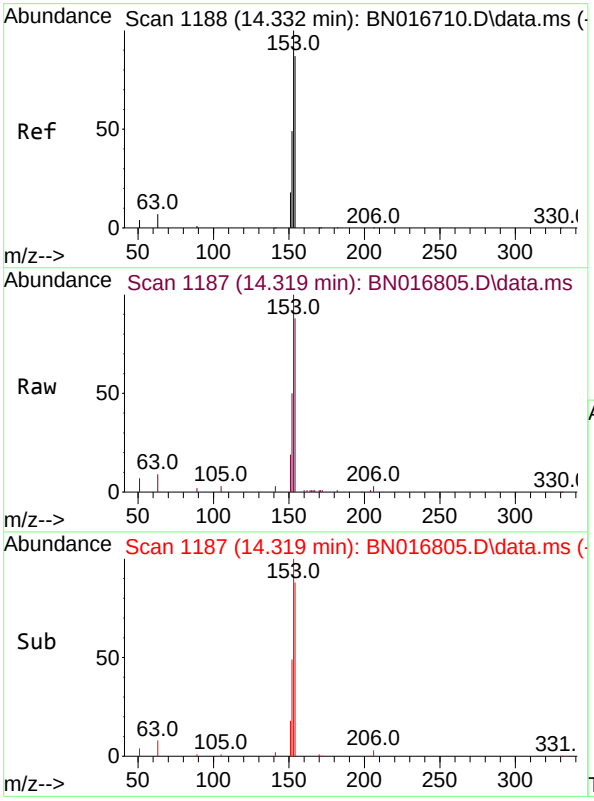
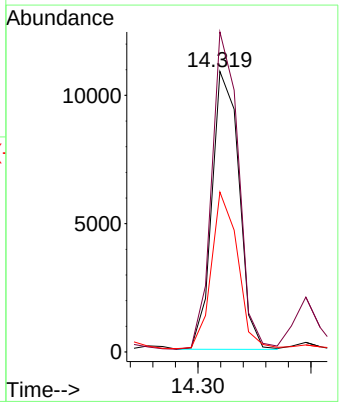
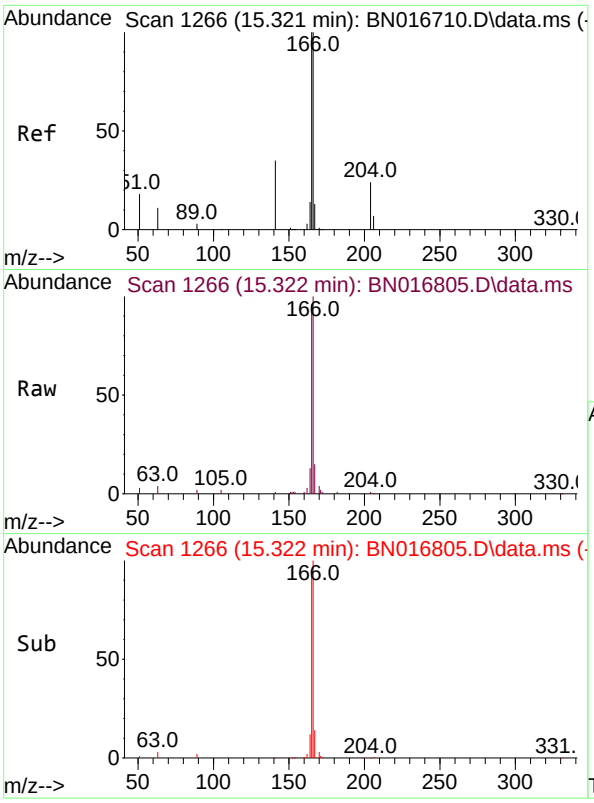


#17
Acenaphthene
Concen: 0.103 ng
RT: 14.319 min Scan# 1187
Delta R.T. -0.013 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:154 Resp: 18023

Ion	Ratio	Lower	Upper
154	100		
153	113.1	90.1	135.1
152	54.5	43.6	65.4

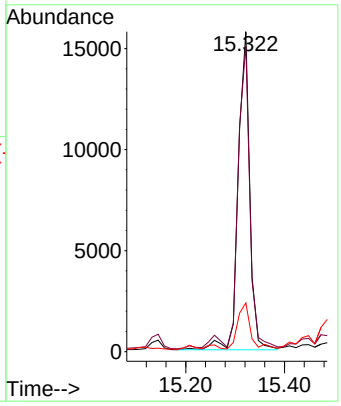




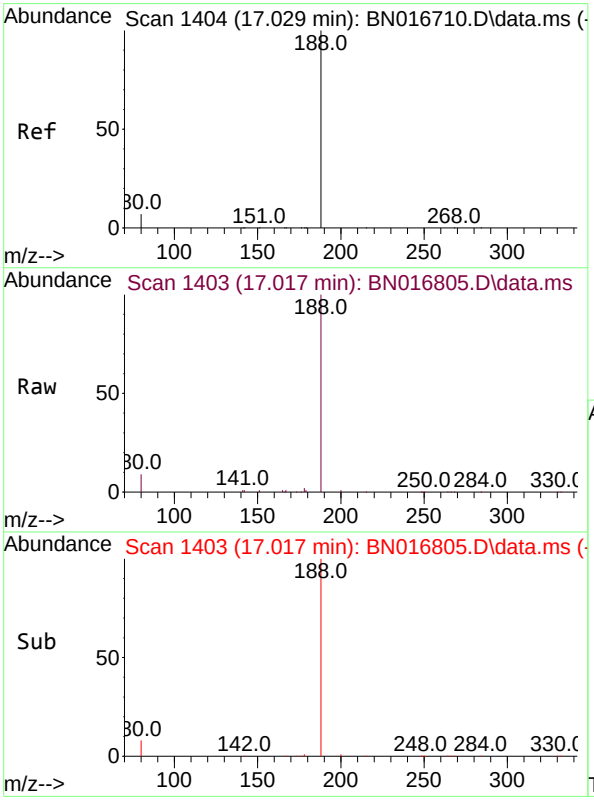
#18
Fluorene
Concen: 0.121 ng
RT: 15.322 min Scan# 1266
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:166 Resp: 25593

Ion	Ratio	Lower	Upper
166	100		
165	93.5	78.1	117.1
167	15.9	10.7	16.1



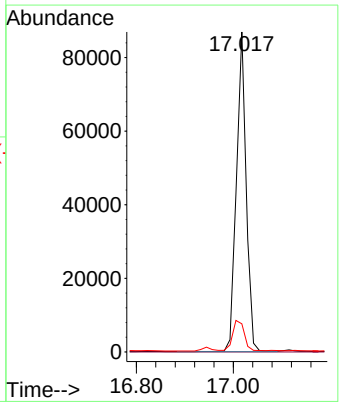
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421



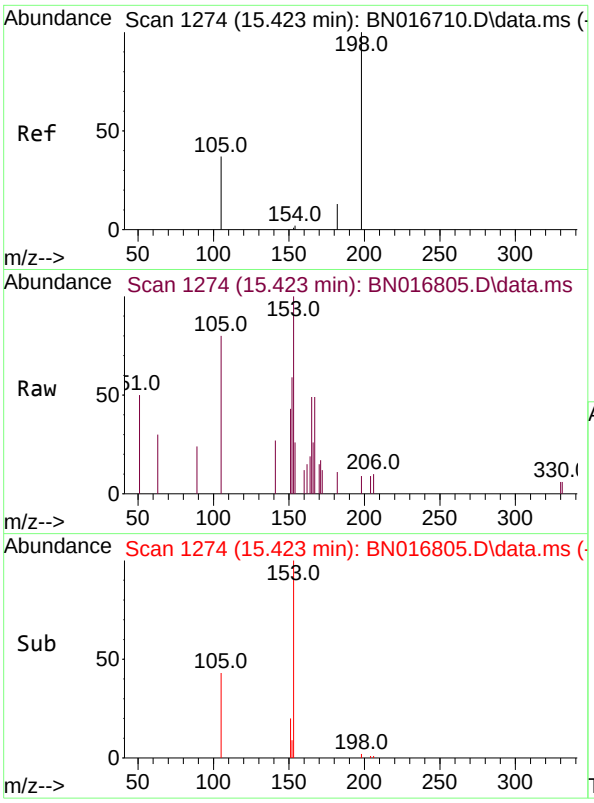
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.017 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:188 Resp: 121566

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



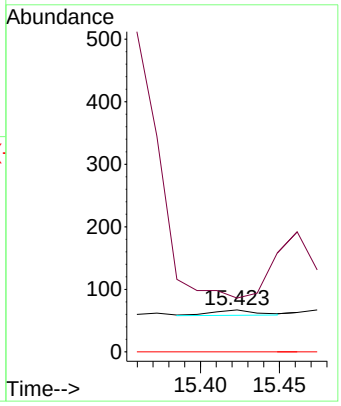
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

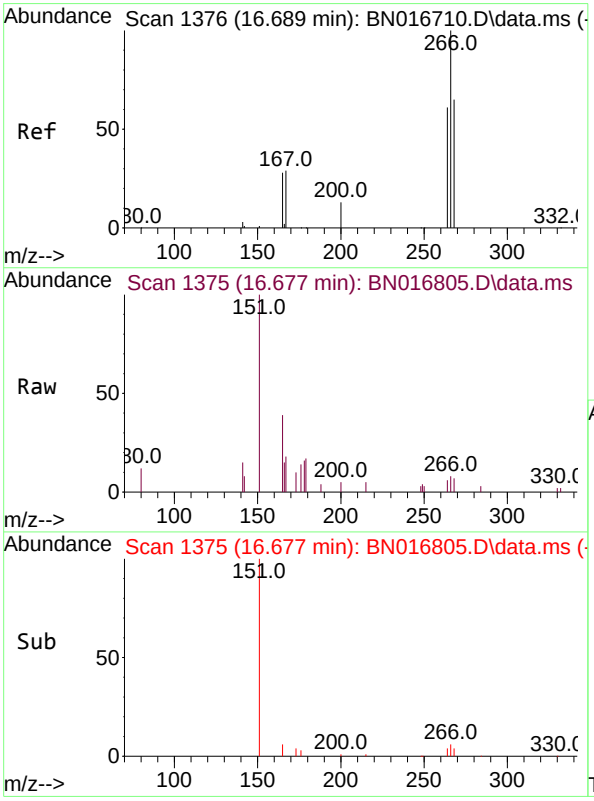


#20
4,6-Dinitro-2-methylphenol
Concen: 0.267 ng
RT: 15.423 min Scan# 1274
Delta R.T. 0.013 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:198 Resp: 16

Ion	Ratio	Lower	Upper
198	100		
182	128.4	26.2	39.2#
77	0.0	0.0	0.0

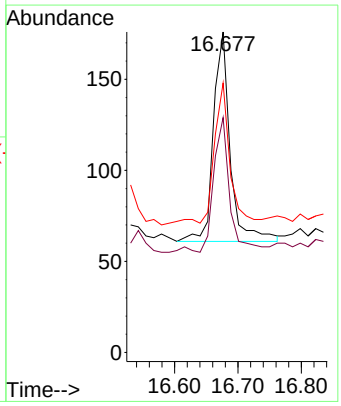


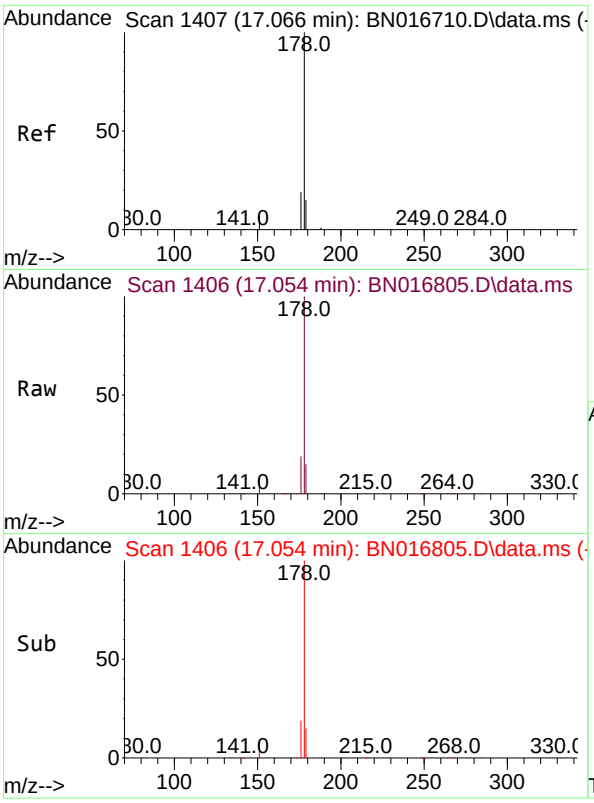


#24
Pentachlorophenol
Concen: 0.344 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:266 Resp: 212

Ion	Ratio	Lower	Upper
266	100		
264	58.0	49.3	73.9
268	56.6	51.8	77.8

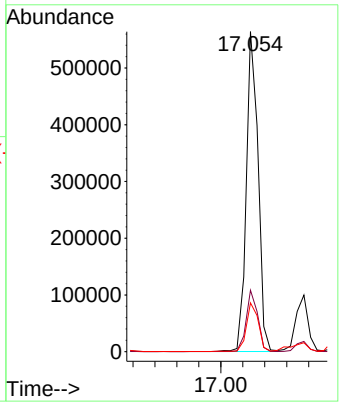




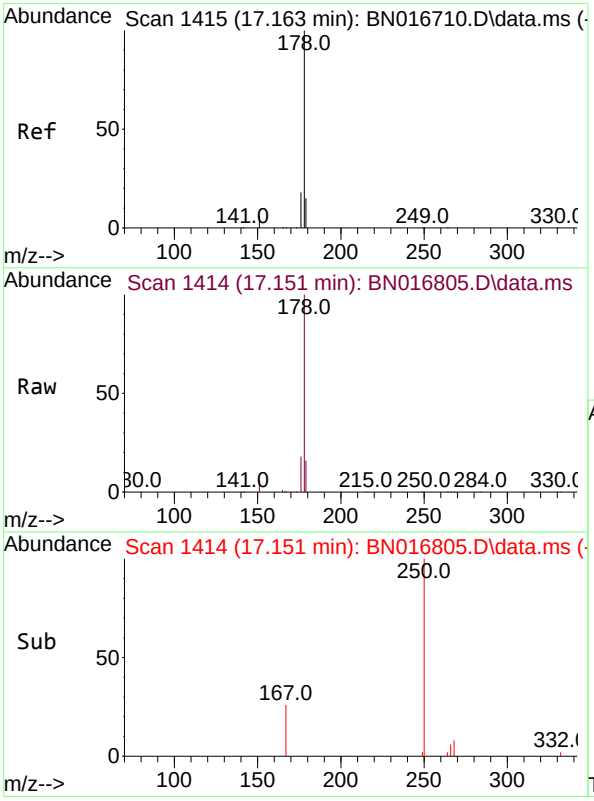
#25
Phenanthrene
Concen: 2.355 ng
RT: 17.054 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:178 Resp: 841545

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	12.4	18.6



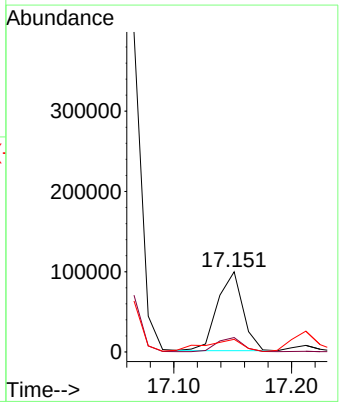
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

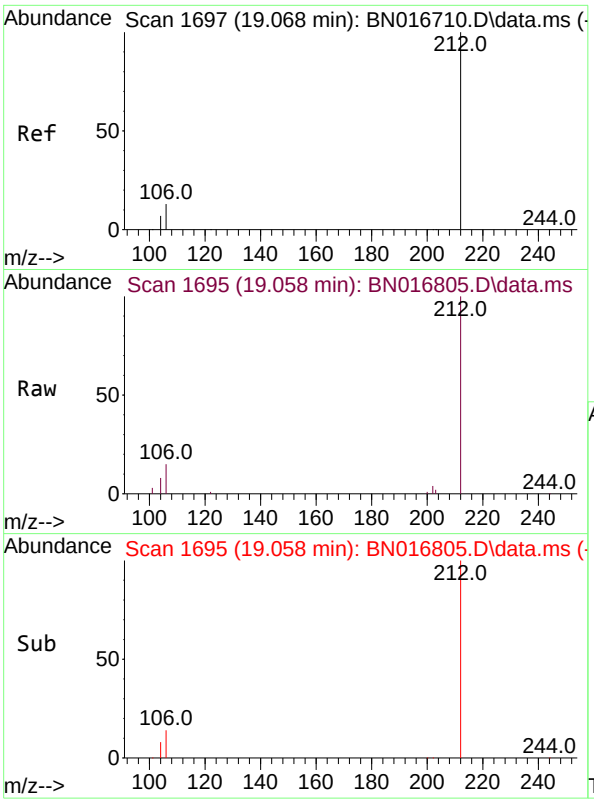


#26
Anthracene
Concen: 0.464 ng
RT: 17.151 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:178 Resp: 148160

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	22.7	12.2	18.4#

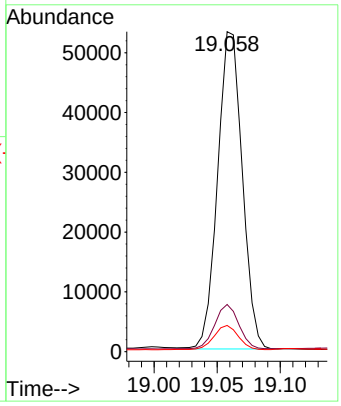


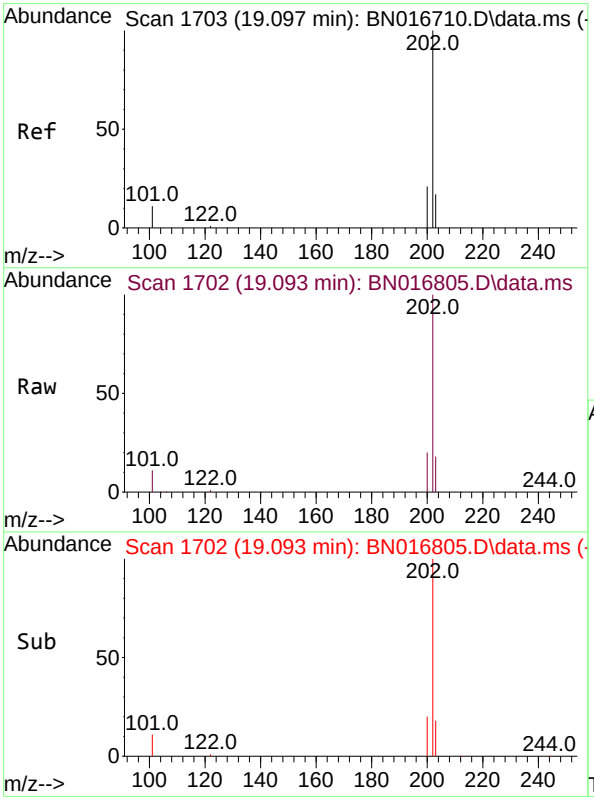


#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.058 min Scan# 1695
Delta R.T. -0.005 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:212 Resp: 72128

Ion	Ratio	Lower	Upper
212	100		
106	13.6	10.6	16.0
104	7.6	5.8	8.8

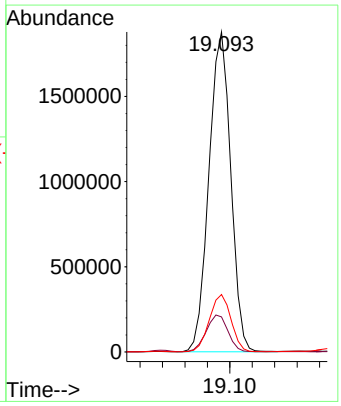




#28
Fluoranthene
Concen: 6.398 ng
RT: 19.093 min Scan# 1702
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:202 Resp: 2537389

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.8	13.8	20.8



Instrument :
BNA_N
ClientSampleId :
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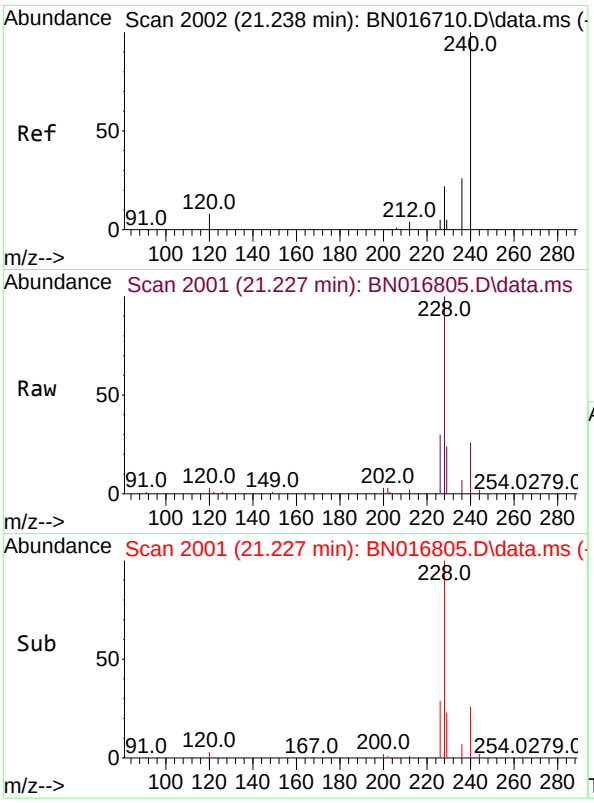
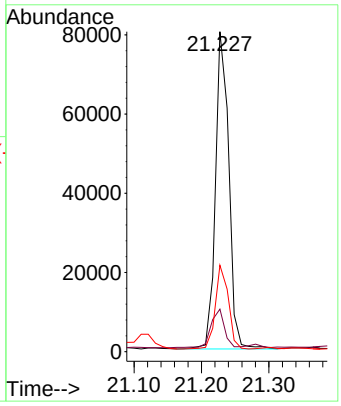
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

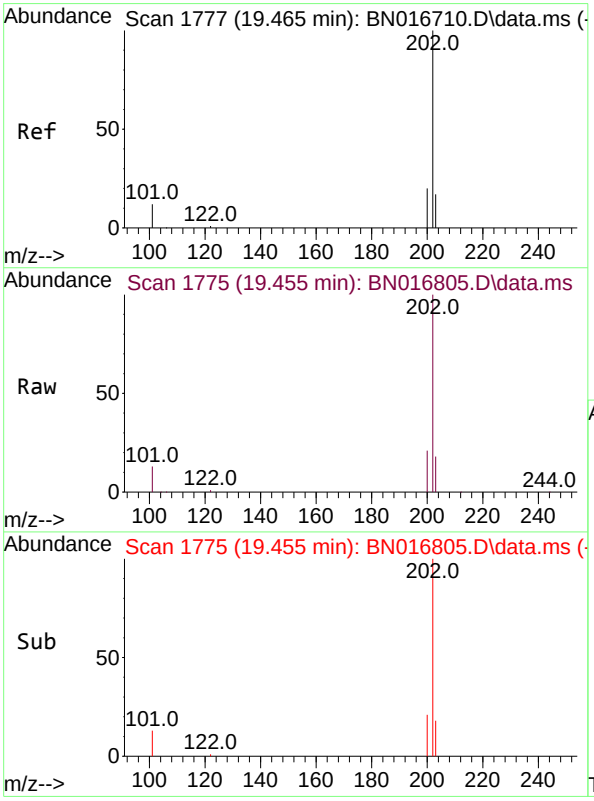


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:240 Resp: 109978

Ion	Ratio	Lower	Upper
240	100		
120	13.3	6.6	10.0#
236	27.0	20.7	31.1

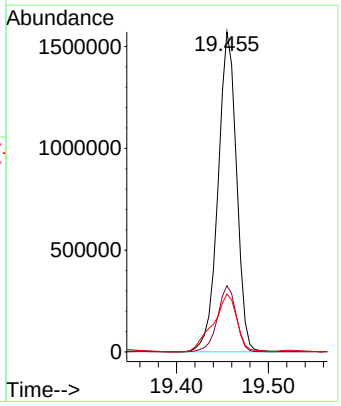


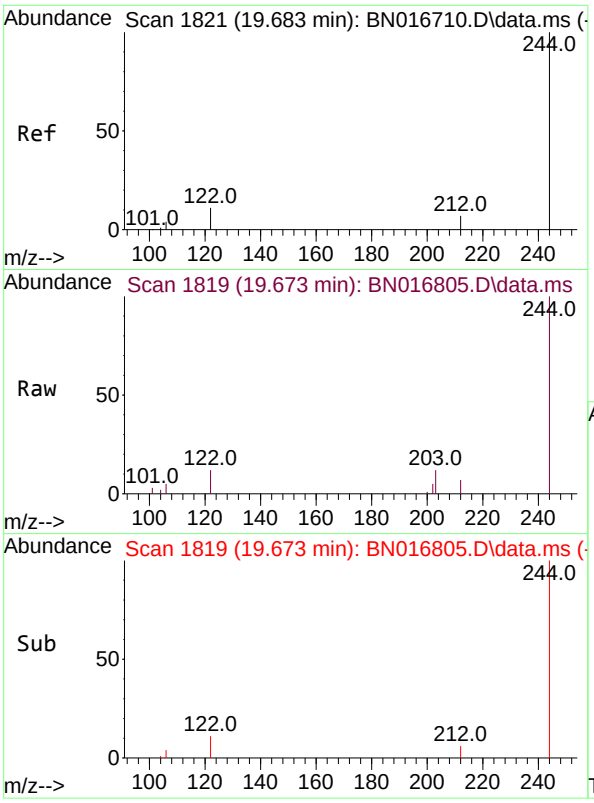


#30
Pyrene
Concen: 6.094 ng
RT: 19.455 min Scan# 1775
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:202 Resp: 2203721

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.5	24.7
203	23.1	13.9	20.9#

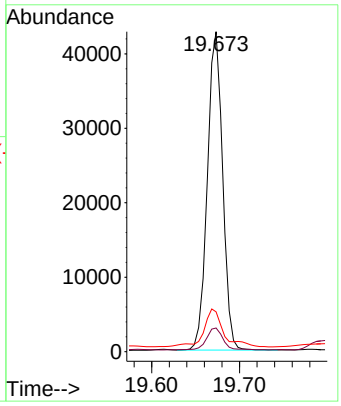




#31
Terphenyl-d14
Concen: 0.210 ng
RT: 19.673 min Scan# 1819
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:244 Resp: 51654

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.5	8.9	13.3



Instrument :
BNA_N
ClientSampleId :
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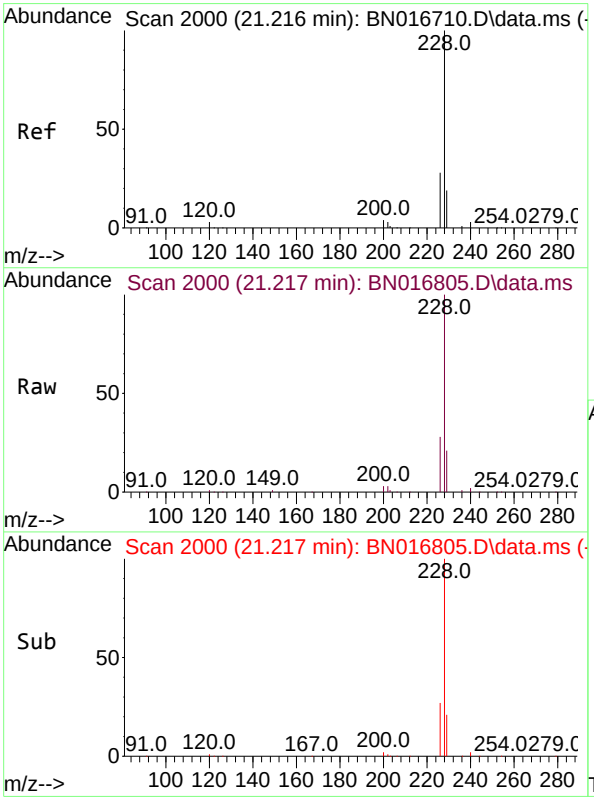
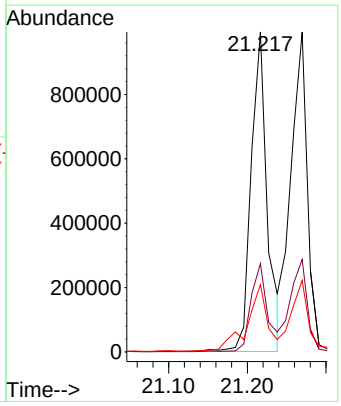


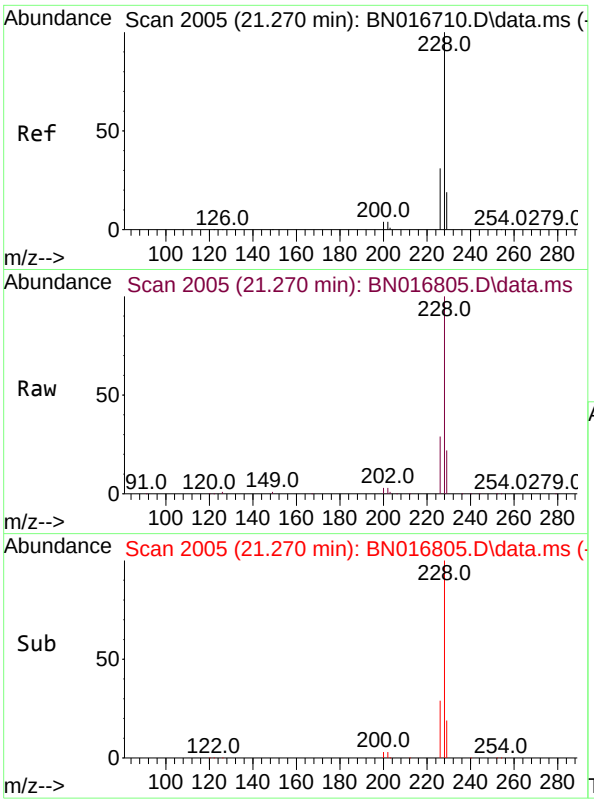
#32
Benzo(a)anthracene
Concen: 4.154 ng
RT: 21.217 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:228 Resp: 1416894

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.3	33.5
229	21.0	15.4	23.0



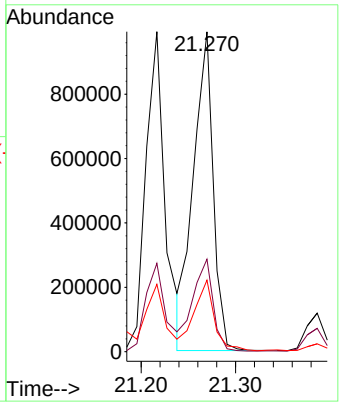
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

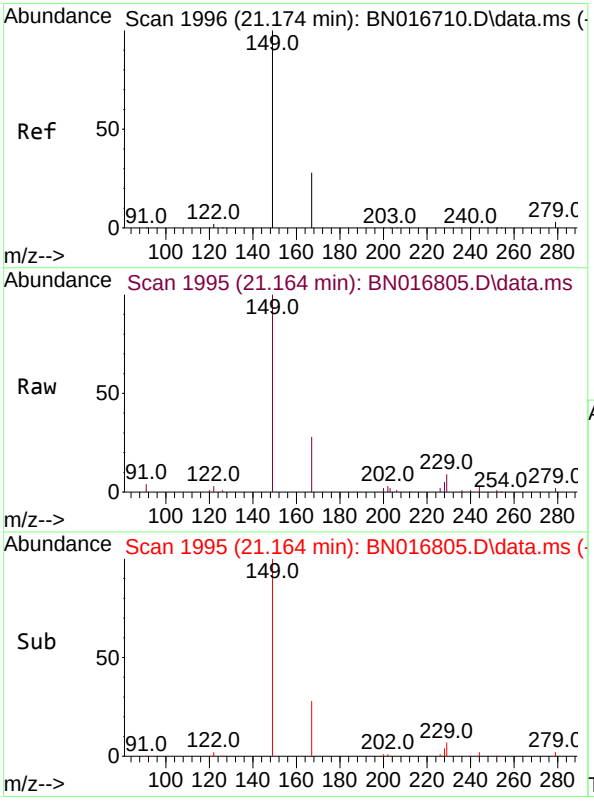


#33
Chrysene
Concen: 4.160 ng
RT: 21.270 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:228 Resp: 1439569

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.4
229	22.4	15.4	23.0

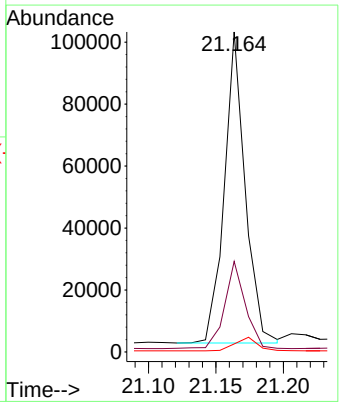


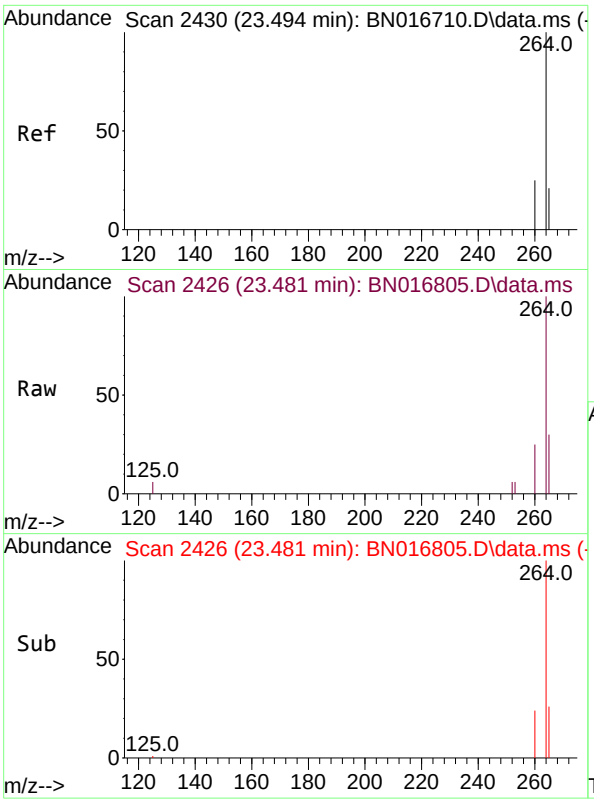


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.521 ng
RT: 21.164 min Scan# 1995
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:149 Resp: 107696

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.2	33.4
279	4.6	3.4	5.2

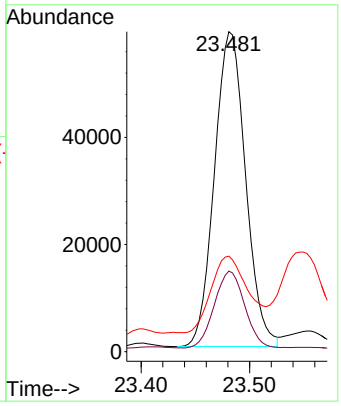




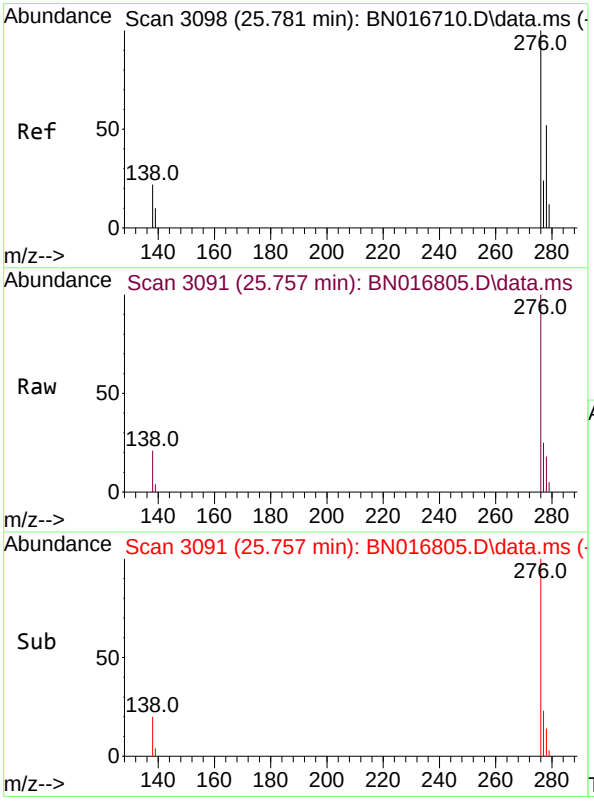
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.481 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:264 Resp: 117070

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.8	29.6
265	29.8	20.3	30.5



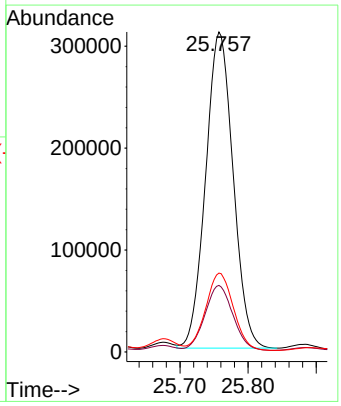
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

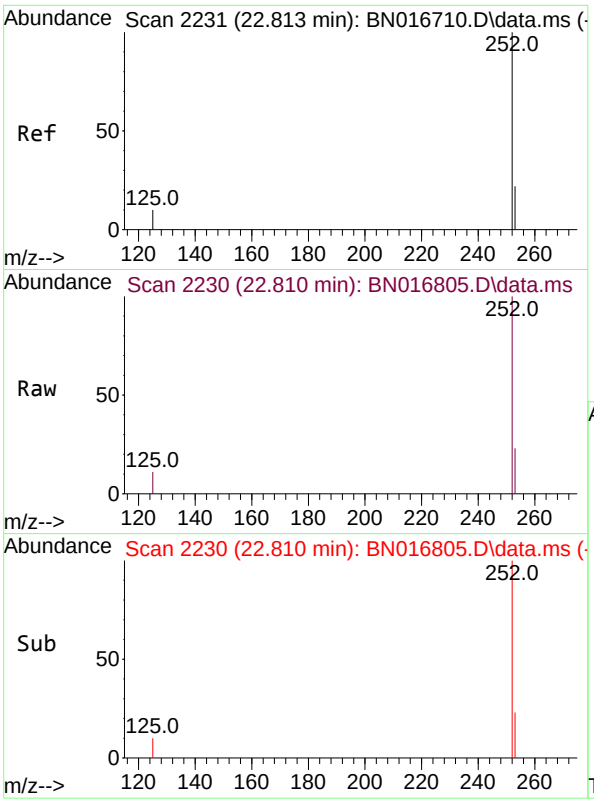


#36
Indeno(1,2,3-cd)pyrene
Concen: 2.340 ng
RT: 25.757 min Scan# 3091
Delta R.T. 0.003 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:276 Resp: 869853

Ion	Ratio	Lower	Upper
276	100		
138	20.9	19.2	28.8
277	24.7	20.0	30.0

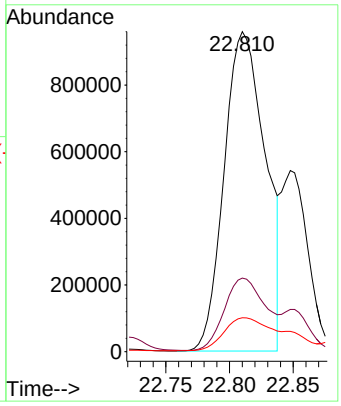




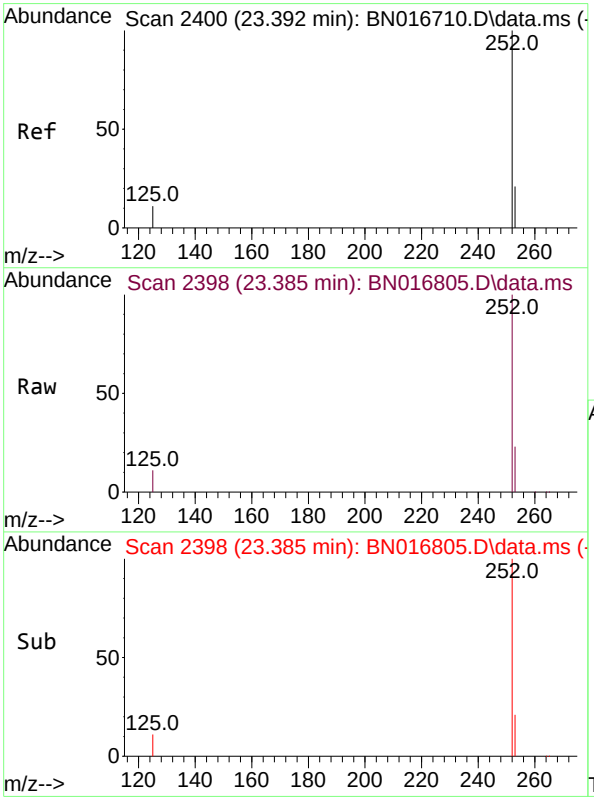
#37
Benzo(b)fluoranthene
Concen: 5.693 ng
RT: 22.810 min Scan# 2230
Delta R.T. 0.007 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:252 Resp: 2155214

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	10.6	8.3	12.5



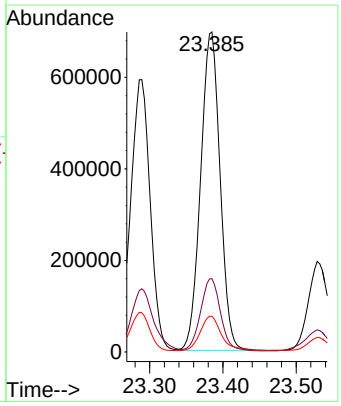
Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421

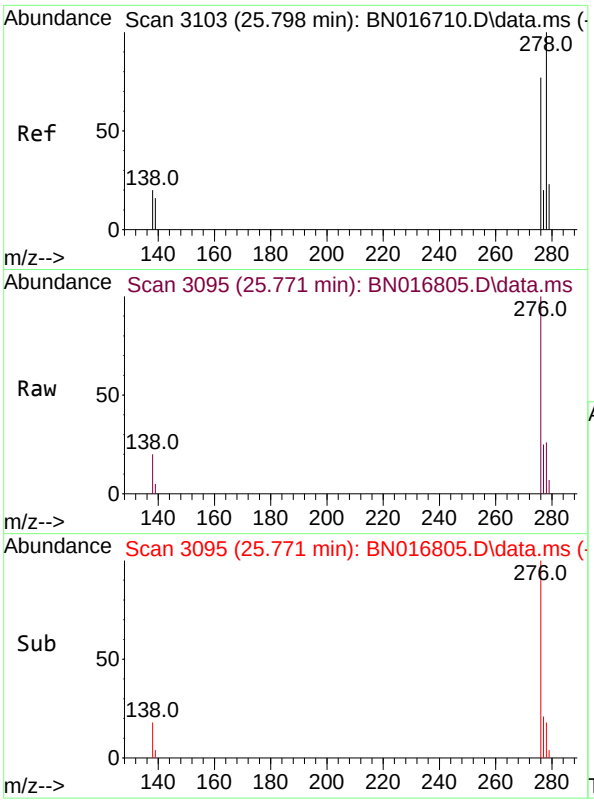


#39
Benzo(a)pyrene
Concen: 3.792 ng
RT: 23.385 min Scan# 2398
Delta R.T. 0.003 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:252 Resp: 1284404

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	11.2	9.4	14.2

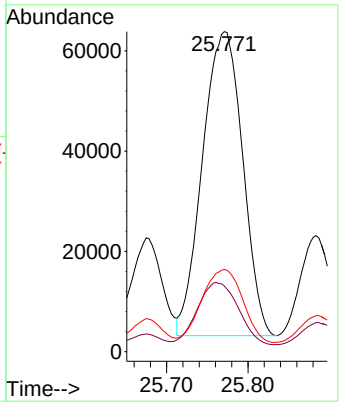




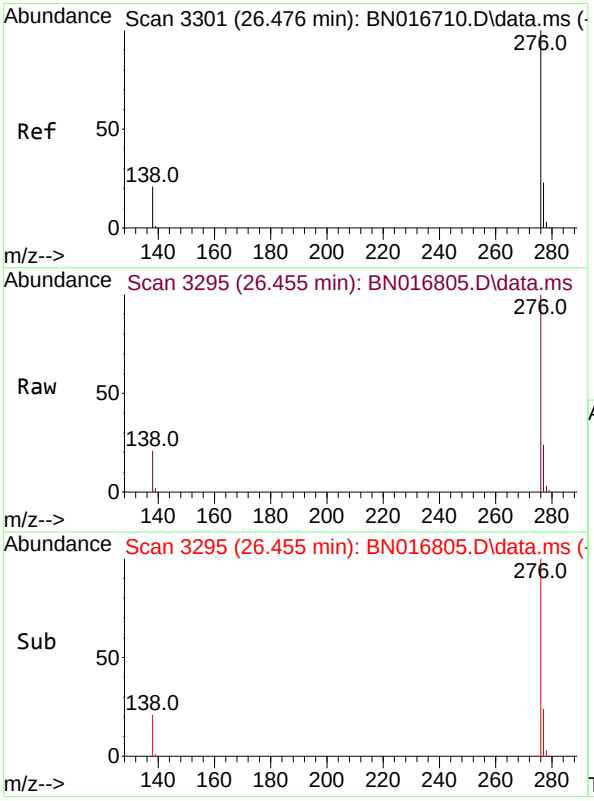
#40
Dibenzo(a,h)anthracene
Concen: 0.705 ng
RT: 25.771 min Scan# 3095
Delta R.T. -0.007 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:278 Resp: 208002

Ion	Ratio	Lower	Upper
278	100		
139	20.6	13.1	19.7#
279	25.7	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
S-816-N-SO-0-0.5-092421



#41
Benzo(g,h,i)perylene
Concen: 2.403 ng
RT: 26.455 min Scan# 3295
Delta R.T. 0.003 min
Lab File: BN016805.D
Acq: 07 Oct 2021 07:55

Tgt Ion:276 Resp: 792700

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	21.1	17.0	25.6