Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018276.D
Acq On : 30 Dec 2021 01:26
Operator : CG/JU
Sample : M5107-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:04:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.642	152	23199	0.400	ng	0.00
7) Naphthalene-d8	10.419	136	98769	0.400	ng	0.00
13) Acenaphthene-d10	14.269	164	67462	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	116388	0.400	ng	# 0.00
29) Chrysene-d12	21.227	240	58660	0.400	ng	# 0.03
35) Perylene-d12	23.491	264	49515	0.400	ng	# 0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	87	0.002	ng	0.04
5) Phenol-d6	6.840	99	435	0.010	ng	0.00
8) Nitrobenzene-d5	8.784	82	23313	0.455	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	52069	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	190	0.310	ng	0.03
15) 2-Fluorobiphenyl	12.886	172	80216	0.314	ng	-0.01
27) Fluoranthene-d10	19.043	212	71131	0.192	ng	0.00
31) Terphenyl-d14	19.659	244	51136	0.343	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.493	42	28466	1.494	ng	# 1
9) Naphthalene	10.470	128	25249	0.103	ng	96
12) 2-Methylnaphthalene	12.083	142	15573	0.099	ng	97
16) Acenaphthylene	13.977	152	8395	0.035	ng	# 84
18) Fluorene	15.309	166	6036	0.029	ng	# 68
20) 4,6-Dinitro-2-methylph...	15.436	198	186	0.281	ng	# 1
23) Atrazine	16.470	200	958	0.151	ng	# 1
24) Pentachlorophenol	16.677	266	823	0.253	ng	# 71
25) Phenanthrene	17.042	178	122588	0.400	ng	# 96
26) Anthracene	17.139	178	10998	0.082	ng	# 77
28) Fluoranthene	19.073	202	106470	0.296	ng	# 89
30) Pyrene	19.440	202	89162	0.388	ng	# 69
32) Benzo(a)anthracene	21.259	228	63971	0.394	ng	# 1
33) Chrysene	21.259	228	51590	0.273	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.164	149	3654124	49.905	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.754	276	12869	0.109	ng	# 71
37) Benzo(b)fluoranthene	22.827	252	71352	0.453	ng	# 1
39) Benzo(a)pyrene	23.399	252	18300	0.134	ng	# 1
40) Dibenzo(a,h)anthracene	25.764	278	5620	0.067	ng	# 1
41) Benzo(g,h,i)perylene	26.442	276	17986	0.152	ng	# 1

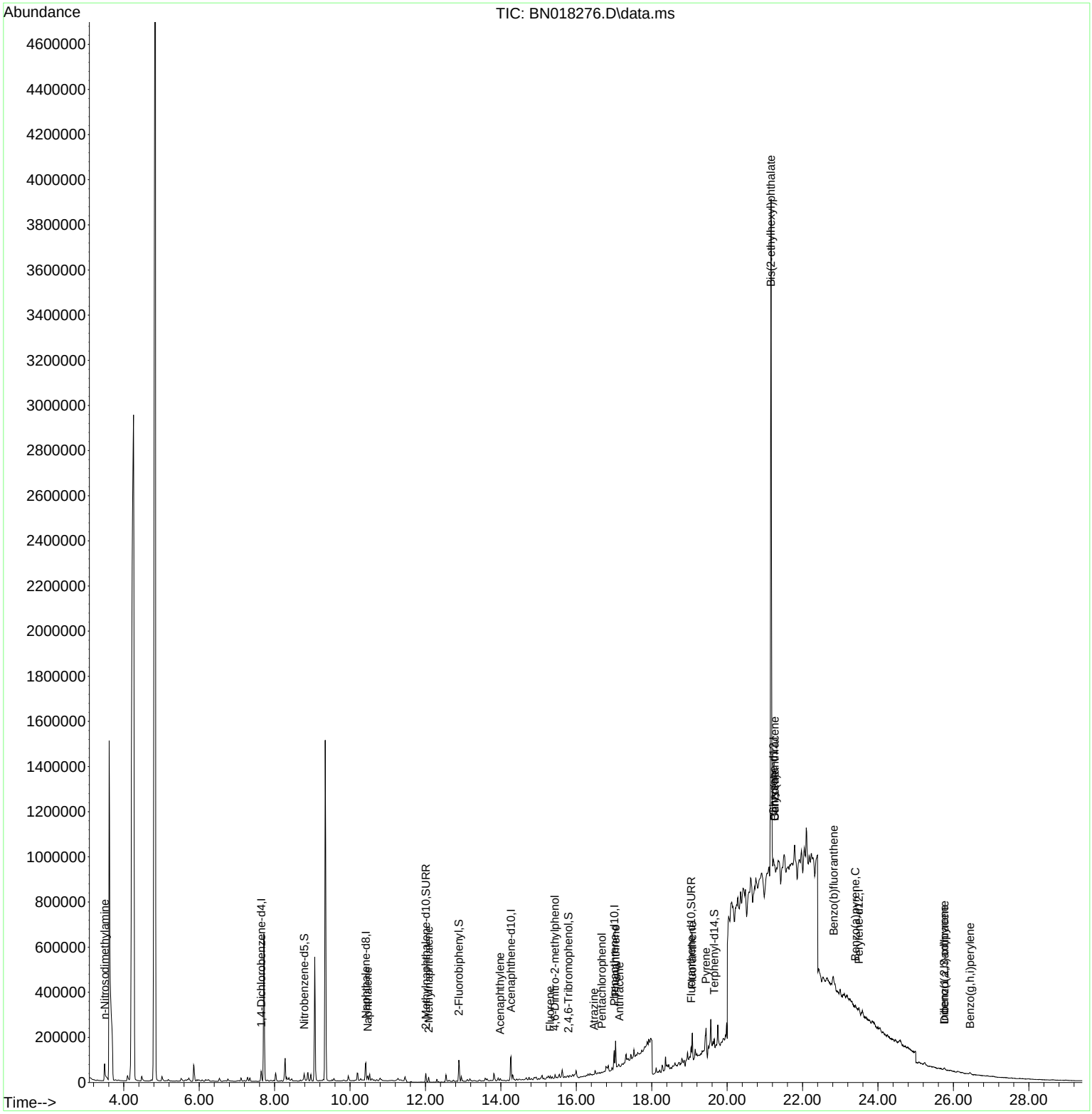
(#) = qualifier out of range (m) = manual integration (+) = signals summed

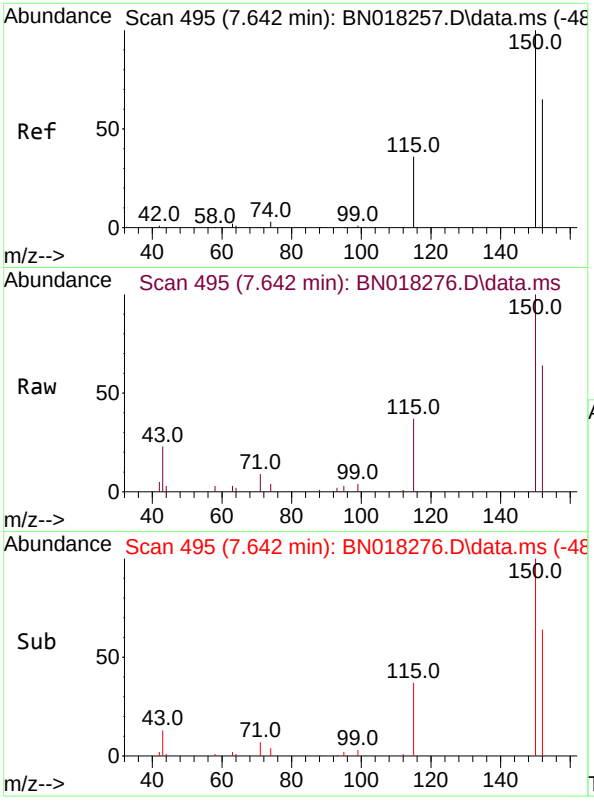
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018276.D
Acq On : 30 Dec 2021 01:26
Operator : CG/JU
Sample : M5107-04
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 03:04:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration



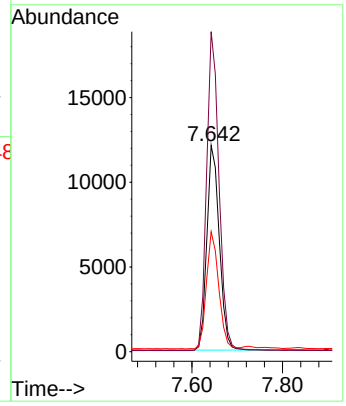


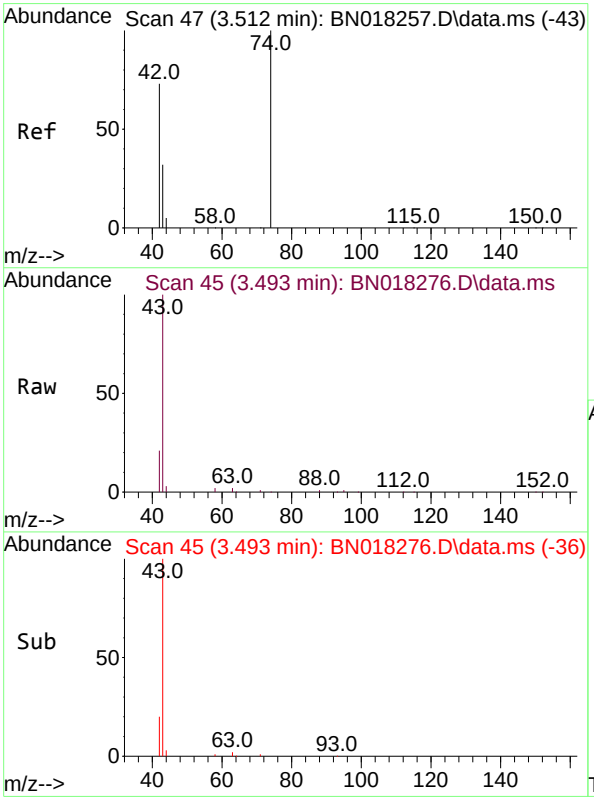
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23199

Ion	Ratio	Lower	Upper
152	100		
150	155.2	121.7	182.5
115	58.2	43.8	65.8

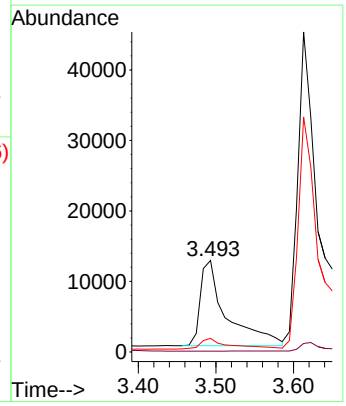


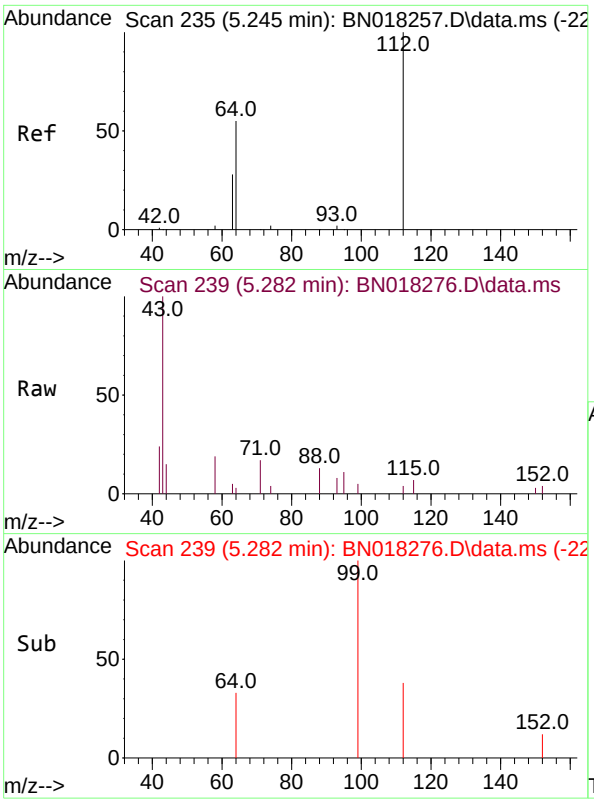


#3
n-Nitrosodimethylamine
Concen: 1.494 ng
RT: 3.493 min Scan# 45
Delta R.T. -0.018 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion: 42 Resp: 28466

Ion	Ratio	Lower	Upper
42	100		
74	0.0	108.6	163.0#
44	13.8	5.8	8.8#



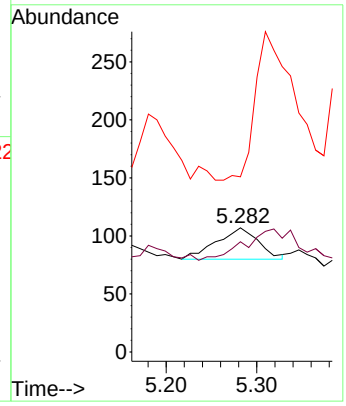


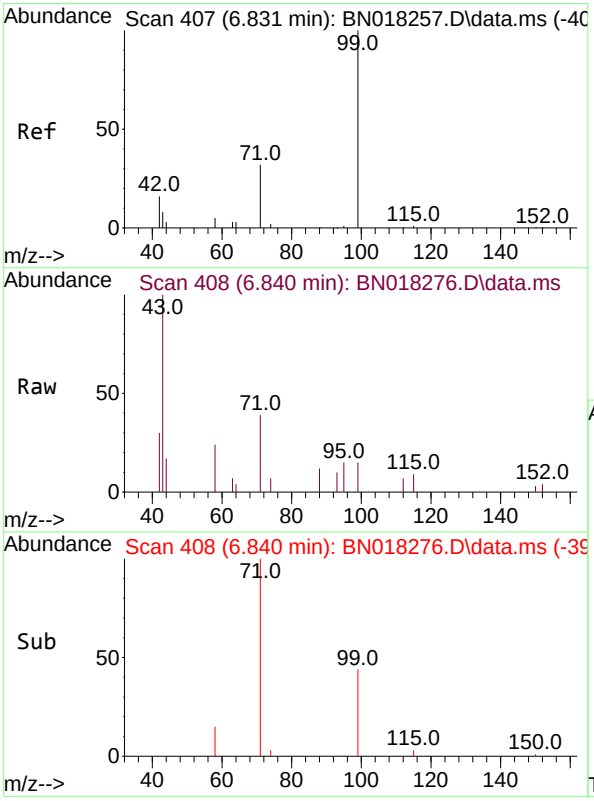
#4
2-Fluorophenol
Concen: 0.002 ng
RT: 5.282 min Scan# 2
Delta R.T. 0.037 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 87

Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.0	72.0#
63	0.0	25.3	37.9#

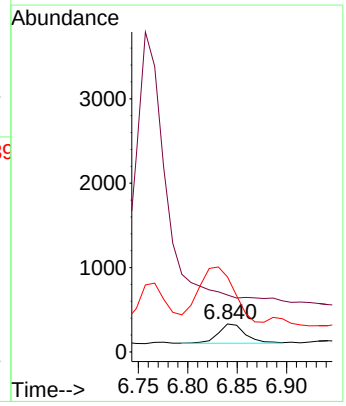


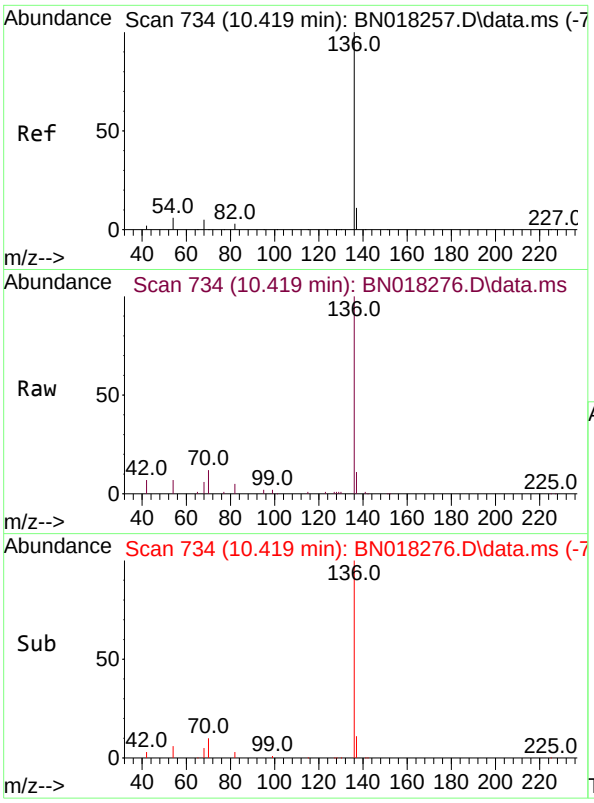


#5
Phenol-d6
Concen: 0.010 ng
RT: 6.840 min Scan# 408
Delta R.T. 0.009 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion: 99 Resp: 435

Ion	Ratio	Lower	Upper
99	100		
42	0.0	16.3	24.5#
71	366.2	26.8	40.2#



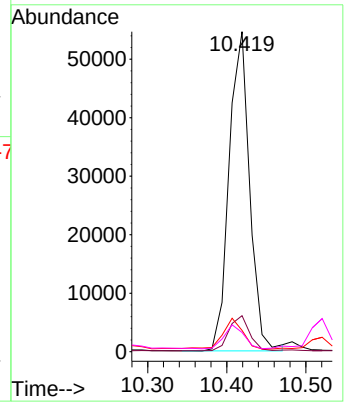


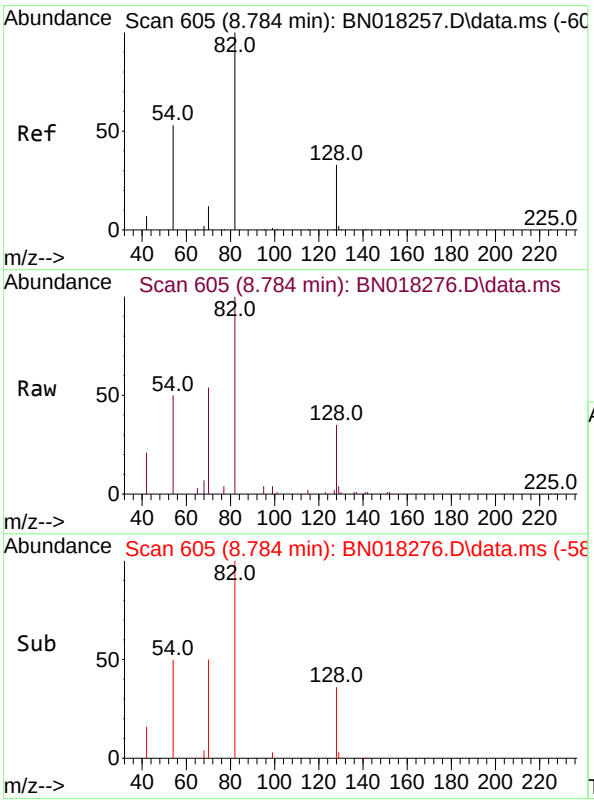
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 98769

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	6.7	5.0	7.6
68	6.0	4.4	6.6

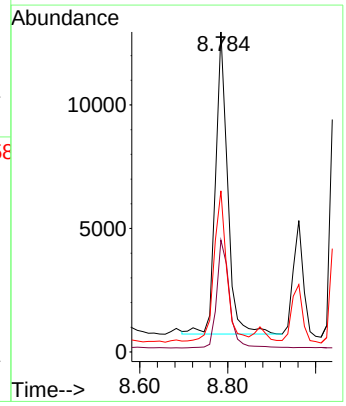


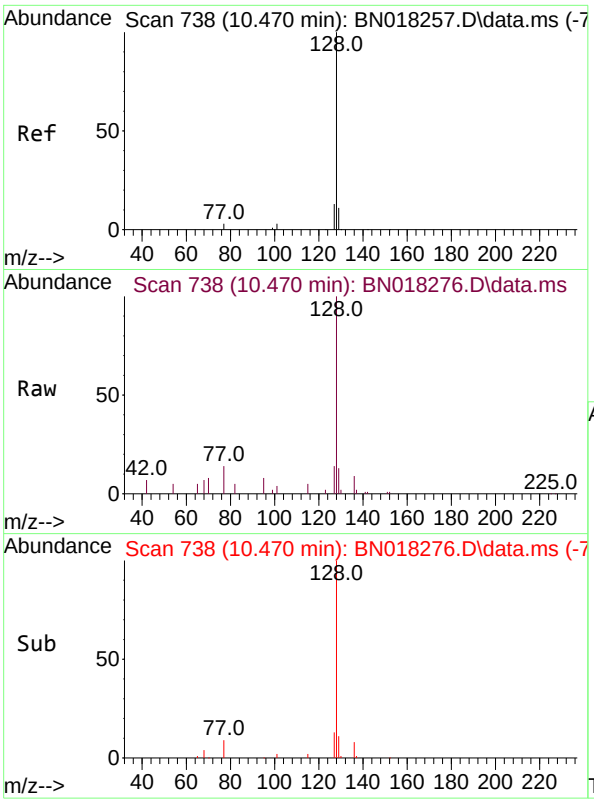


#8
Nitrobenzene-d5
Concen: 0.455 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion: 82 Resp: 23313

Ion	Ratio	Lower	Upper
82	100		
128	35.0	33.7	50.5
54	50.3	36.6	55.0



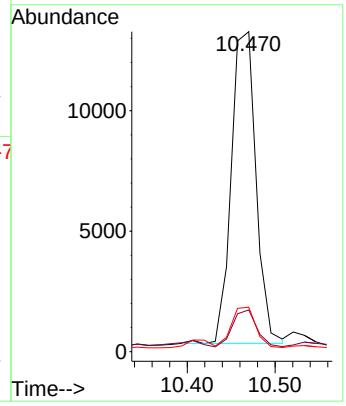


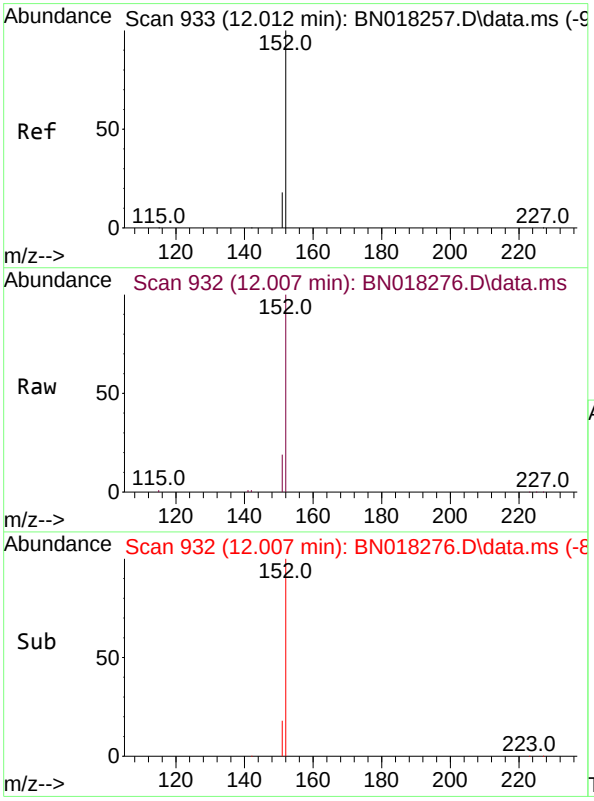
#9
Naphthalene
Concen: 0.103 ng
RT: 10.470 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 25249

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.7	13.1
127	13.9	10.4	15.6

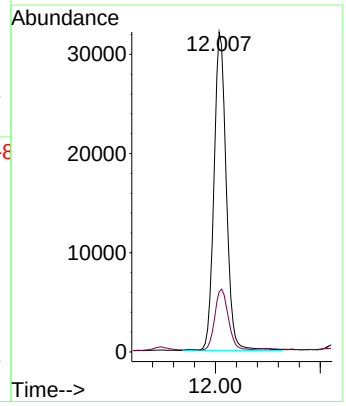


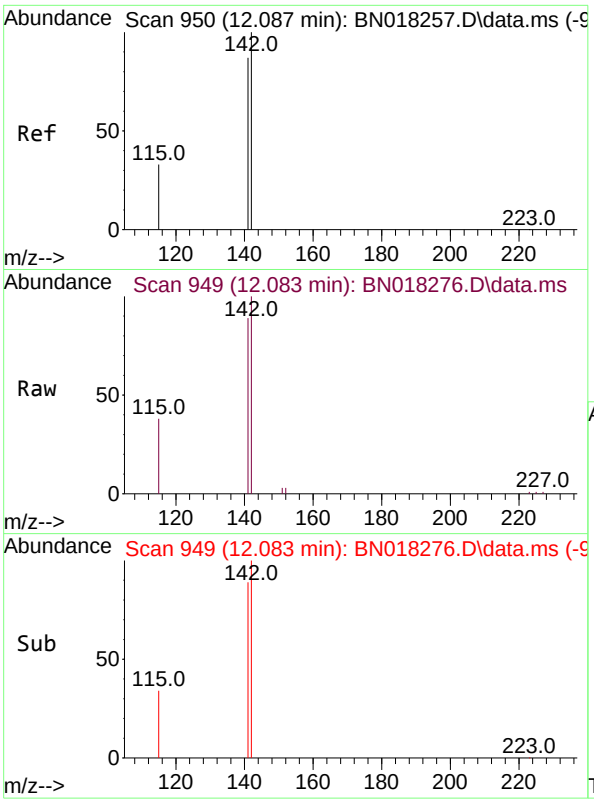


#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.007 min Scan# 932
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:152 Resp: 52069

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2



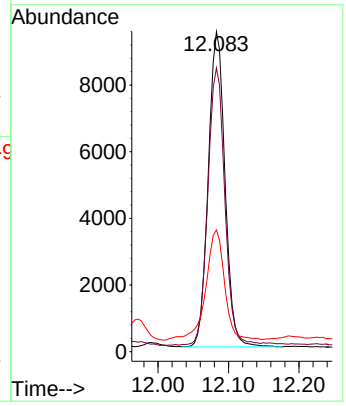


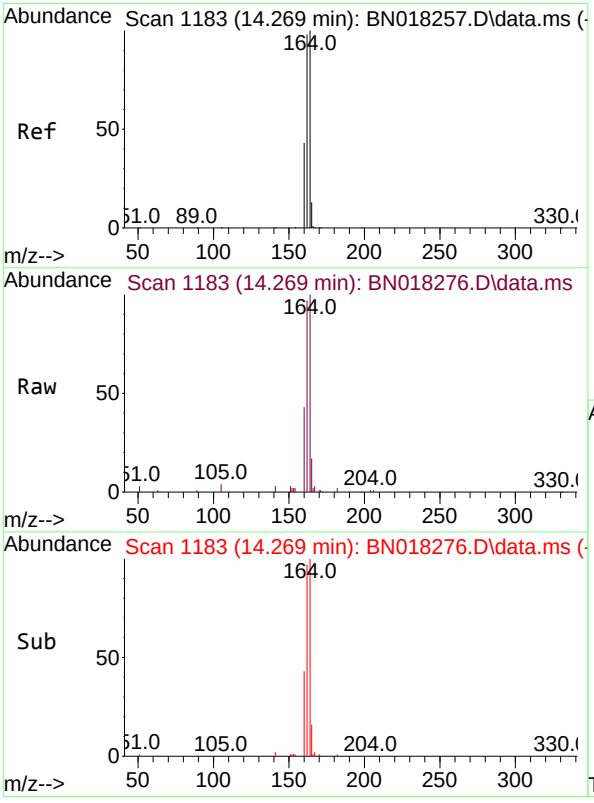
#12
2-Methylnaphthalene
Concen: 0.099 ng
RT: 12.083 min Scan# 94
Delta R.T. -0.004 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 15573

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.0	105.0
115	38.0	27.8	41.8

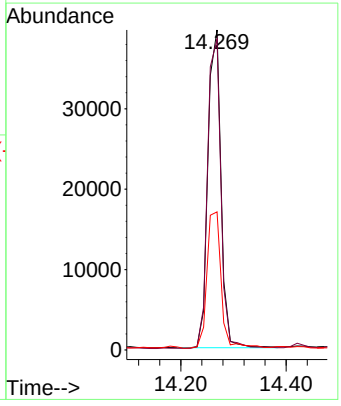


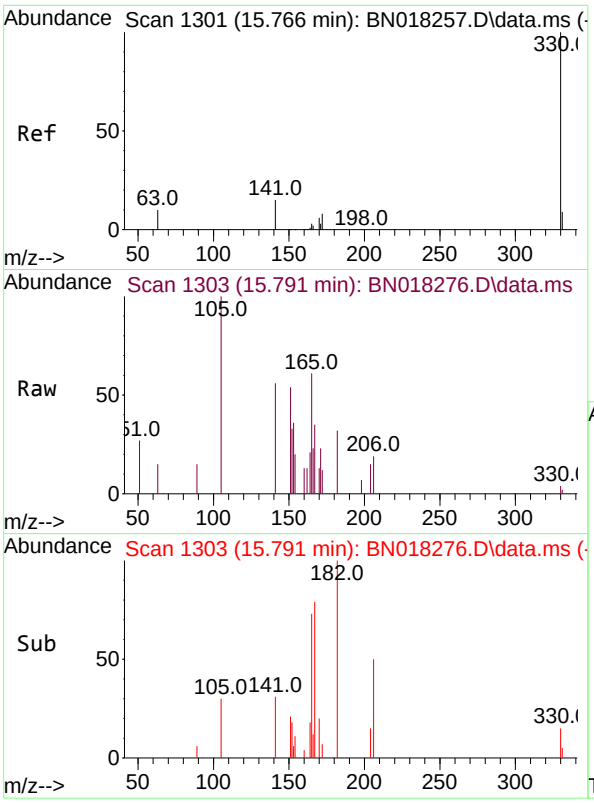


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 1183
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:164 Resp: 67462

Ion	Ratio	Lower	Upper
164	100		
162	97.1	80.2	120.2
160	43.1	36.9	55.3



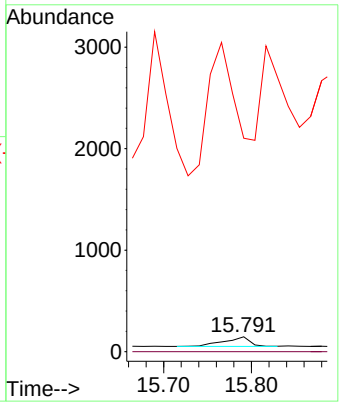


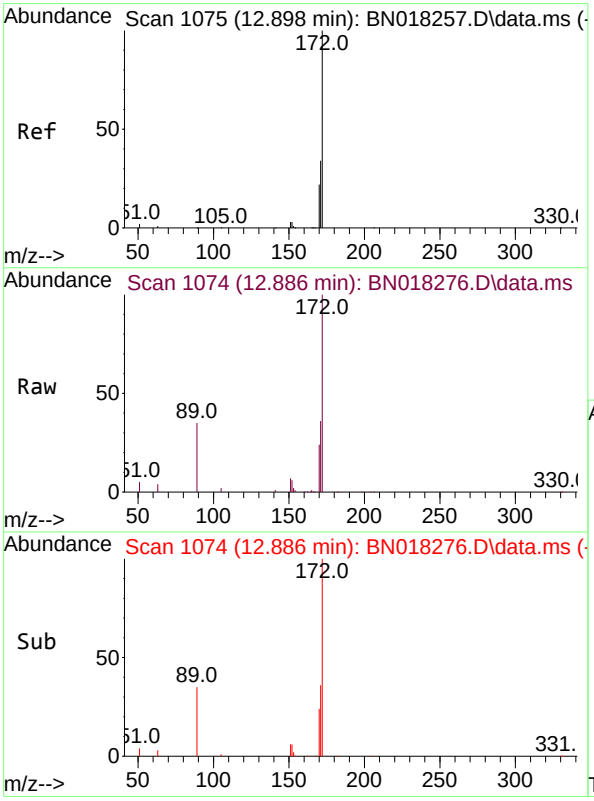
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.791 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 190

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	21.3	31.9#

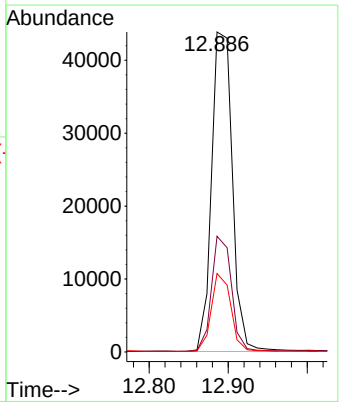


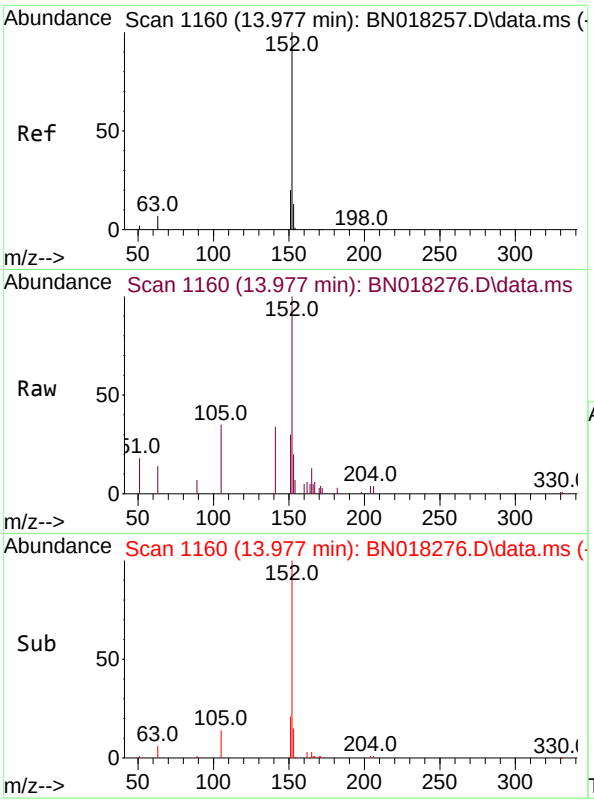


#15
2-Fluorobiphenyl
Concen: 0.314 ng
RT: 12.886 min Scan# 1074
Delta R.T. -0.013 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:172 Resp: 80216

Ion	Ratio	Lower	Upper
172	100		
171	36.1	27.4	41.0
170	24.5	18.4	27.6



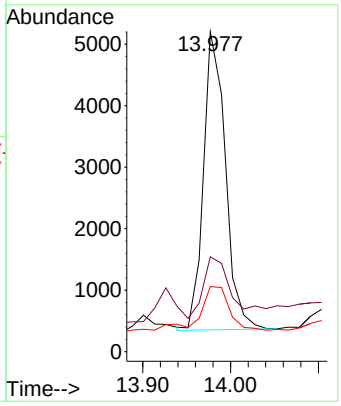


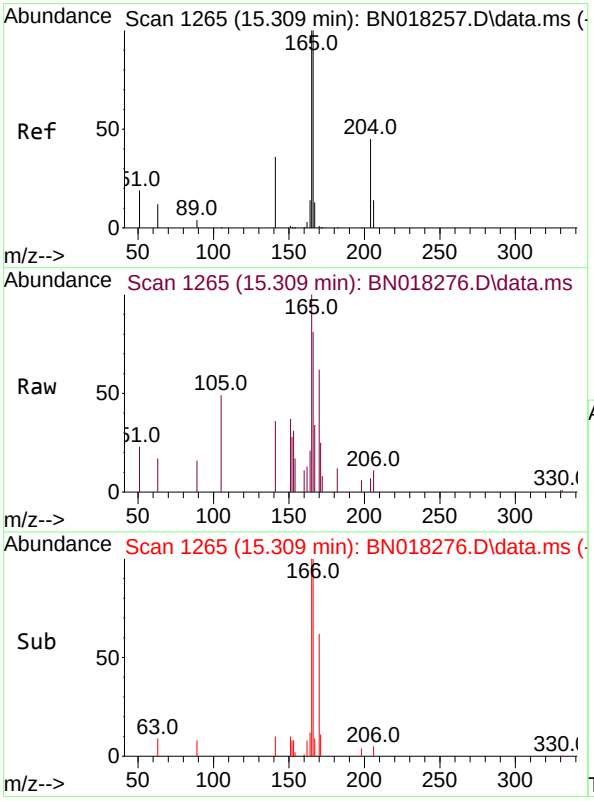
#16
Acenaphthylene
Concen: 0.035 ng
RT: 13.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 8395

Ion	Ratio	Lower	Upper
152	100		
151	27.1	15.8	23.6#
153	19.3	10.5	15.7#

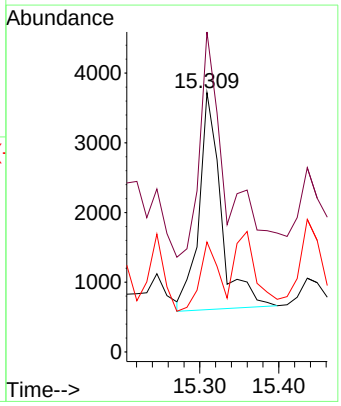


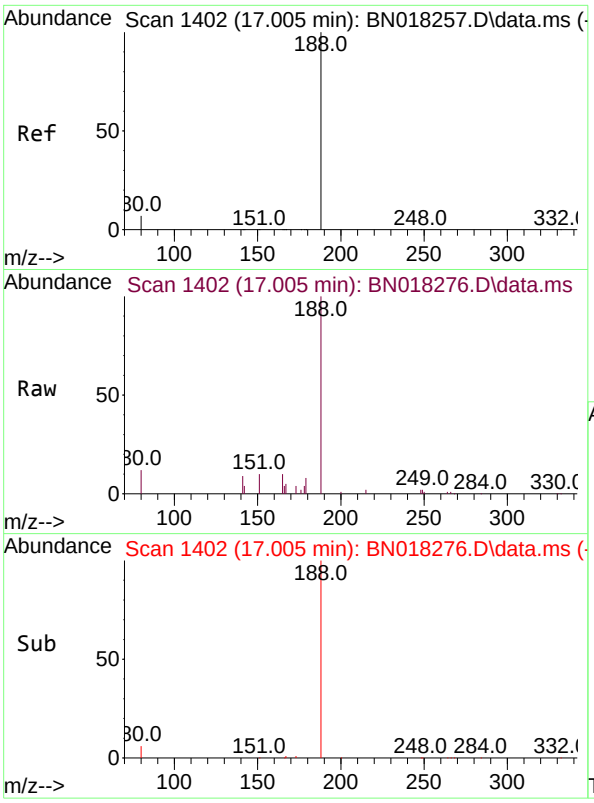


#18
Fluorene
Concen: 0.029 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:166 Resp: 6036

Ion	Ratio	Lower	Upper
166	100		
165	127.8	77.8	116.6#
167	27.6	10.9	16.3#



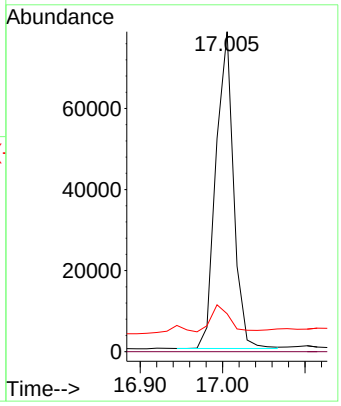


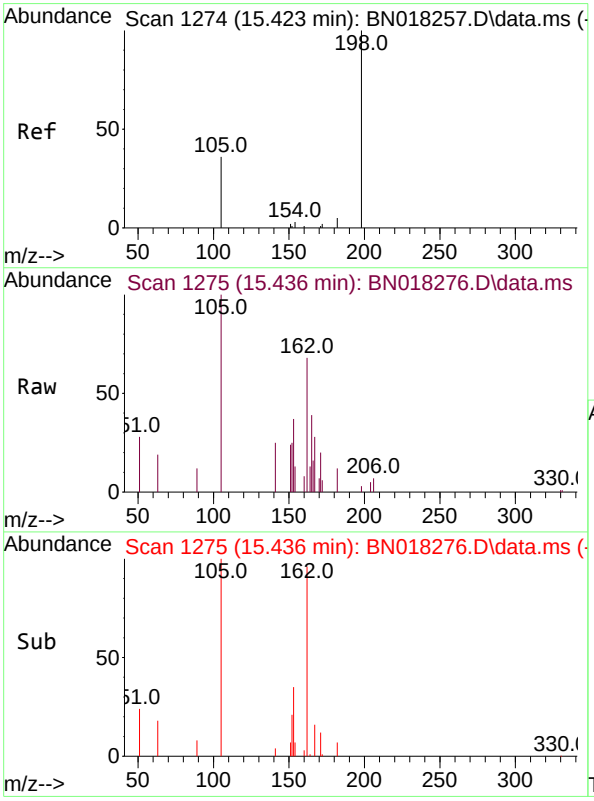
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 116388

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.8	7.0	10.4#

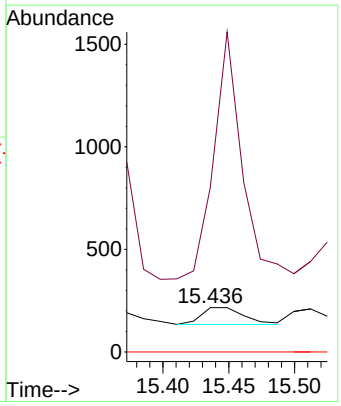


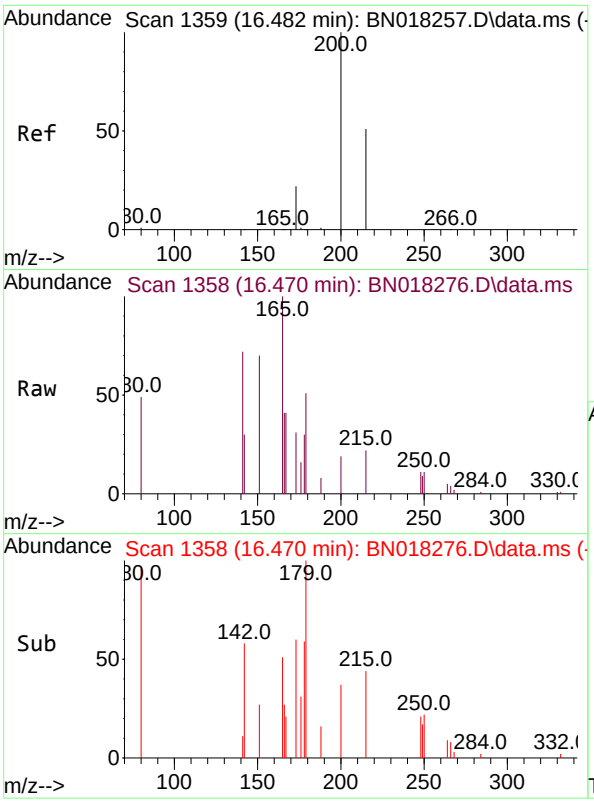


#20
4,6-Dinitro-2-methylphenol
Concen: 0.281 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:198 Resp: 186

Ion	Ratio	Lower	Upper
198	100		
182	371.8	15.5	23.3#
77	0.0	0.0	0.0



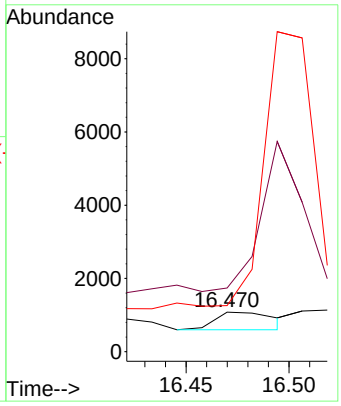


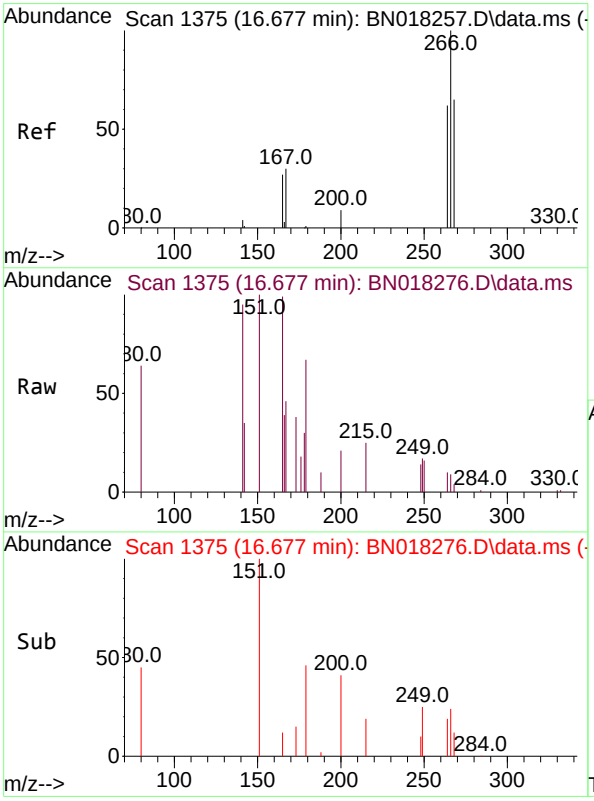
#23
Atrazine
Concen: 0.151 ng
RT: 16.470 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 958

Ion	Ratio	Lower	Upper
200	100		
173	160.8	20.3	30.5#
215	116.4	40.4	60.6#

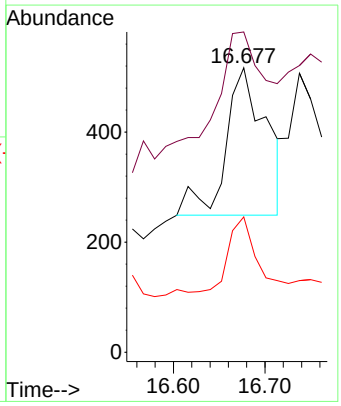


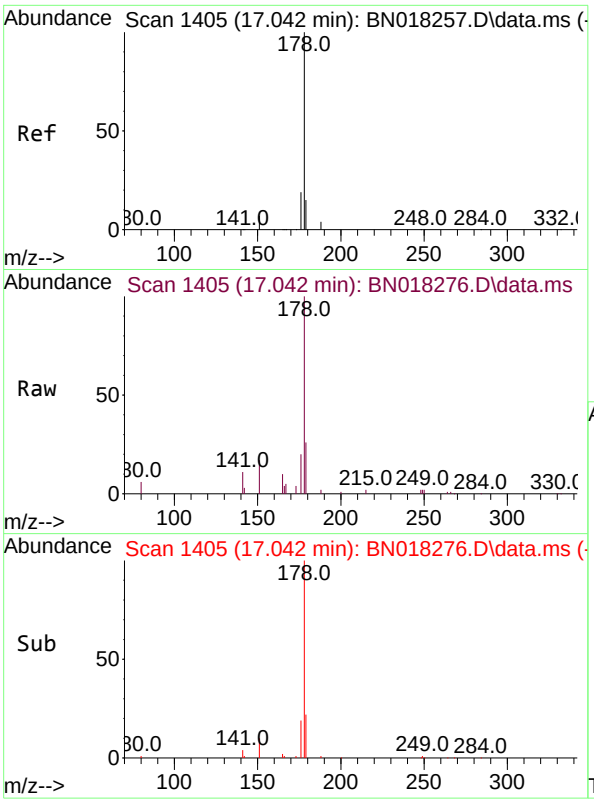


#24
Pentachlorophenol
Concen: 0.253 ng
RT: 16.677 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:266 Resp: 823

Ion	Ratio	Lower	Upper
266	100		
264	78.9	49.5	74.3#
268	35.7	50.6	76.0#



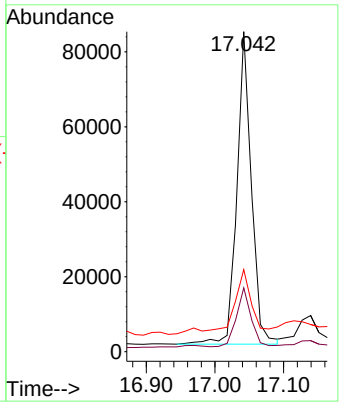


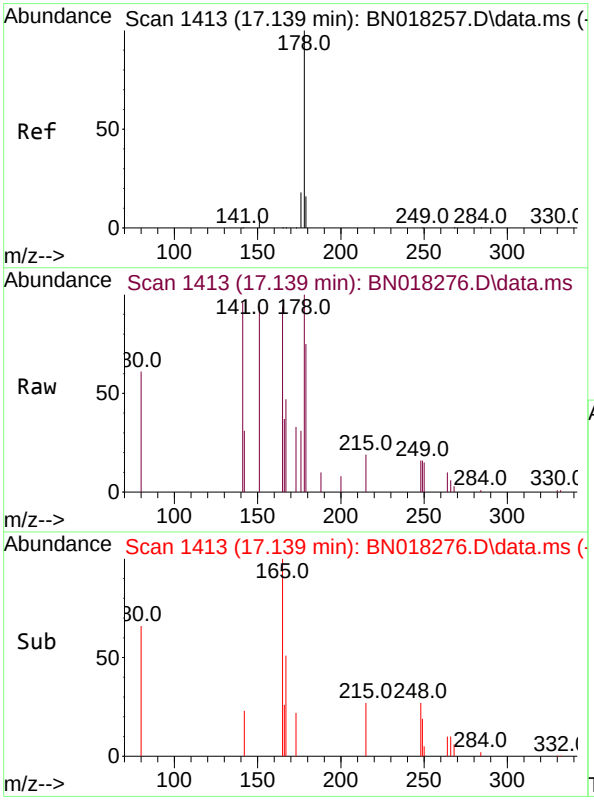
#25
Phenanthrene
Concen: 0.400 ng
RT: 17.042 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 122588

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	19.2	12.3	18.5#

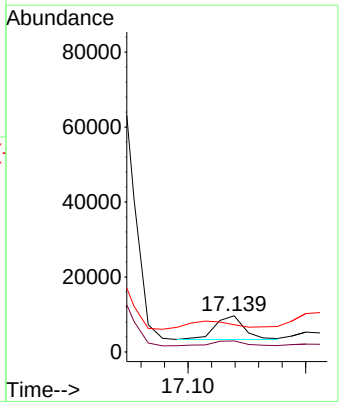


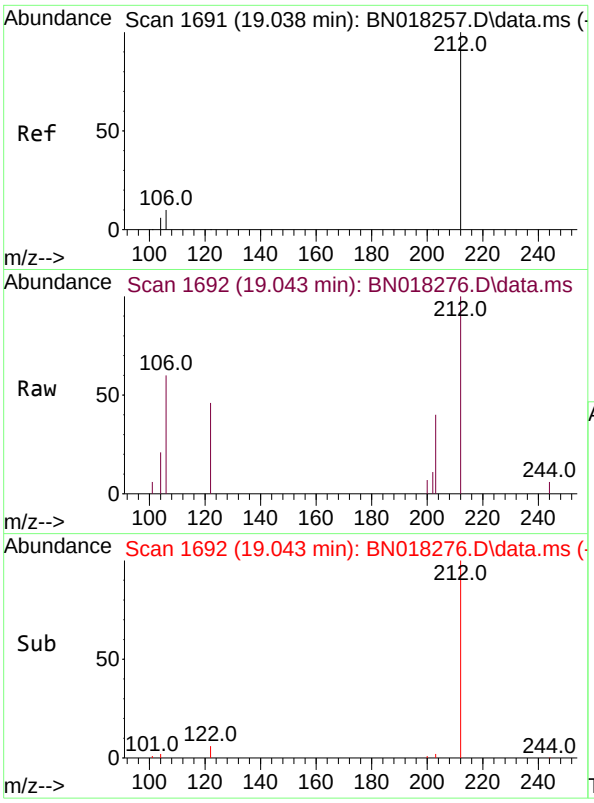


#26
Anthracene
Concen: 0.082 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:178 Resp: 10998

Ion	Ratio	Lower	Upper
178	100		
176	23.9	14.8	22.2#
179	0.0	12.2	18.4#



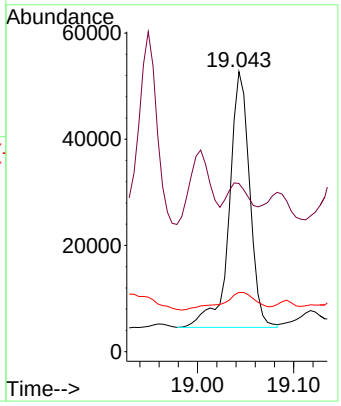


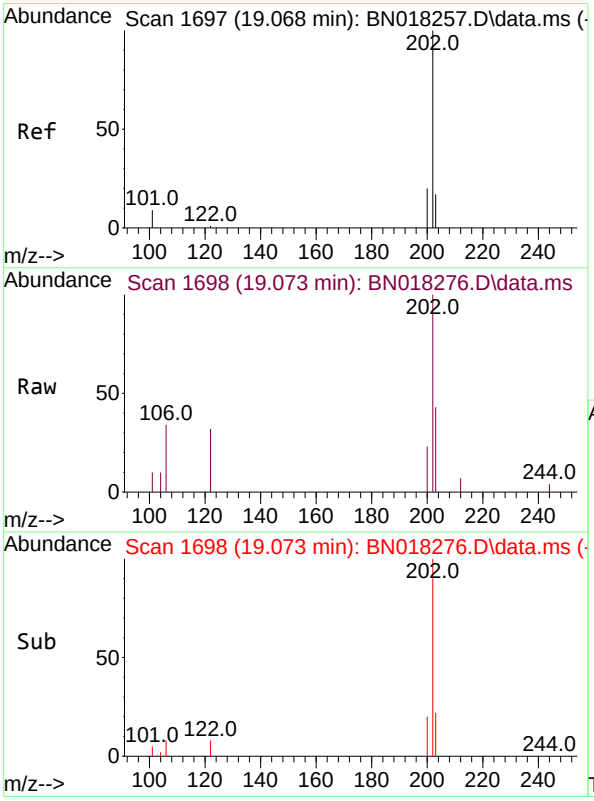
#27
Fluoranthene-d10
Concen: 0.192 ng
RT: 19.043 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 71131

Ion	Ratio	Lower	Upper
212	100		
106	14.7	8.4	12.6#
104	11.0	4.5	6.7#

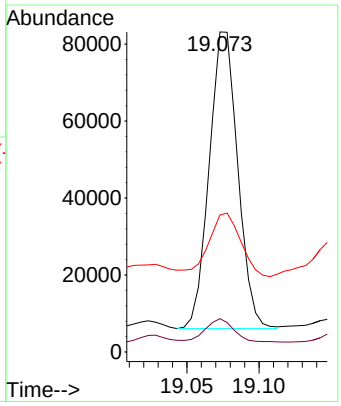


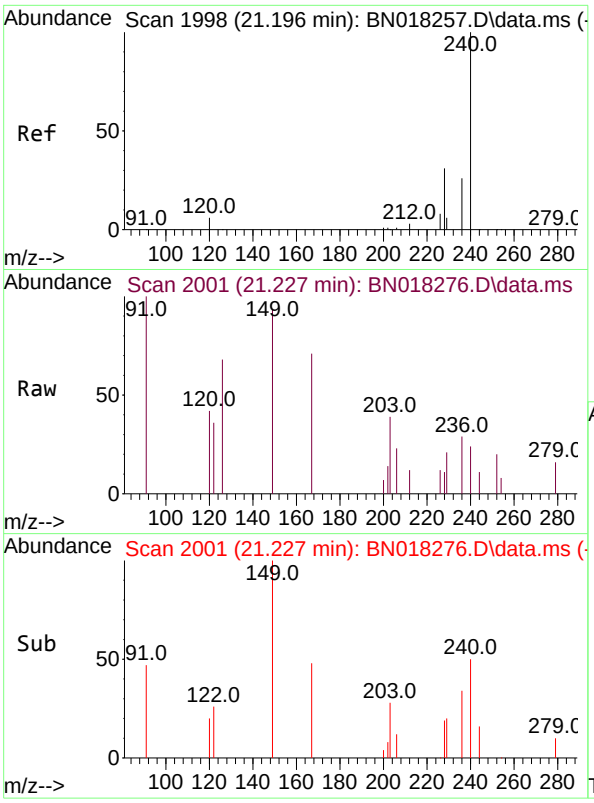


#28
Fluoranthene
Concen: 0.296 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:202 Resp: 106470

Ion	Ratio	Lower	Upper
202	100		
101	7.8	7.2	10.8
203	23.7	13.7	20.5#



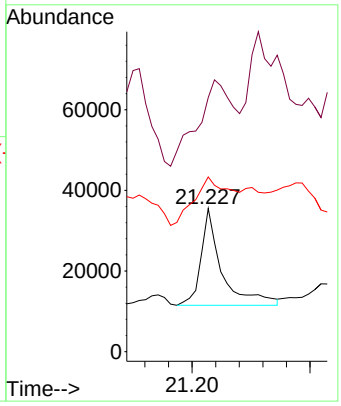


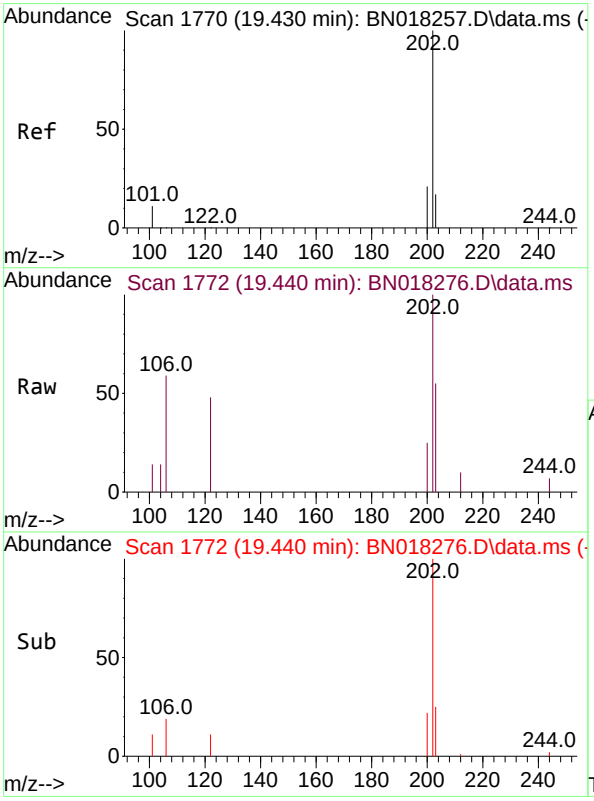
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.227 min Scan# 2
Delta R.T. 0.031 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 58660

Ion	Ratio	Lower	Upper
240	100		
120	177.4	6.0	9.0#
236	122.0	21.4	32.2#

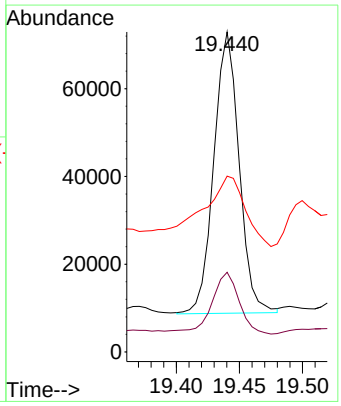


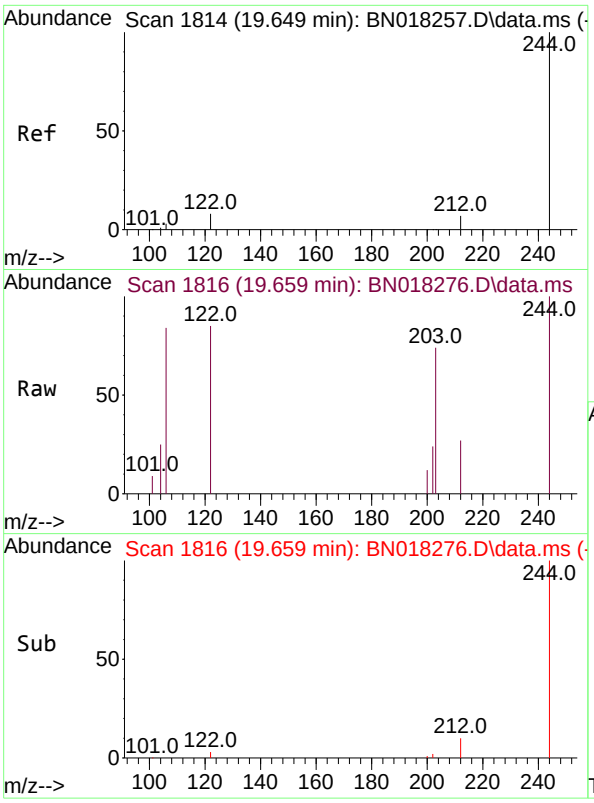


#30
Pyrene
Concen: 0.388 ng
RT: 19.440 min Scan# 1772
Delta R.T. 0.010 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:202 Resp: 89162

Ion	Ratio	Lower	Upper
202	100		
200	23.9	16.6	25.0
203	44.0	14.1	21.1#



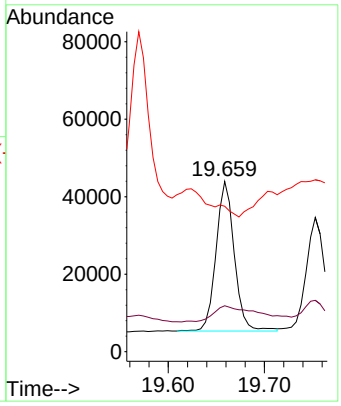


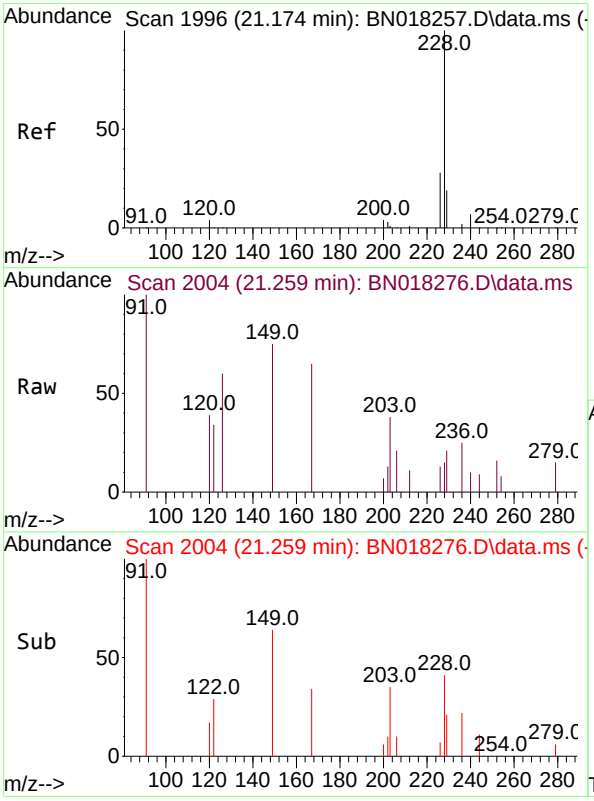
#31
Terphenyl-d14
Concen: 0.343 ng
RT: 19.659 min Scan# 1
Delta R.T. 0.010 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 51136

Ion	Ratio	Lower	Upper
244	100		
212	26.9	6.2	9.2#
122	85.4	7.9	11.9#

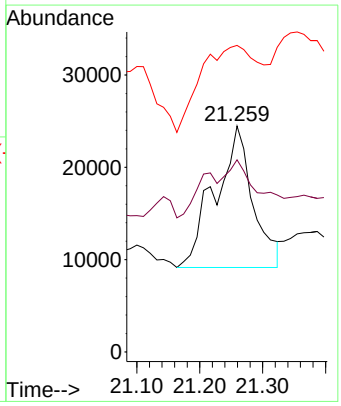


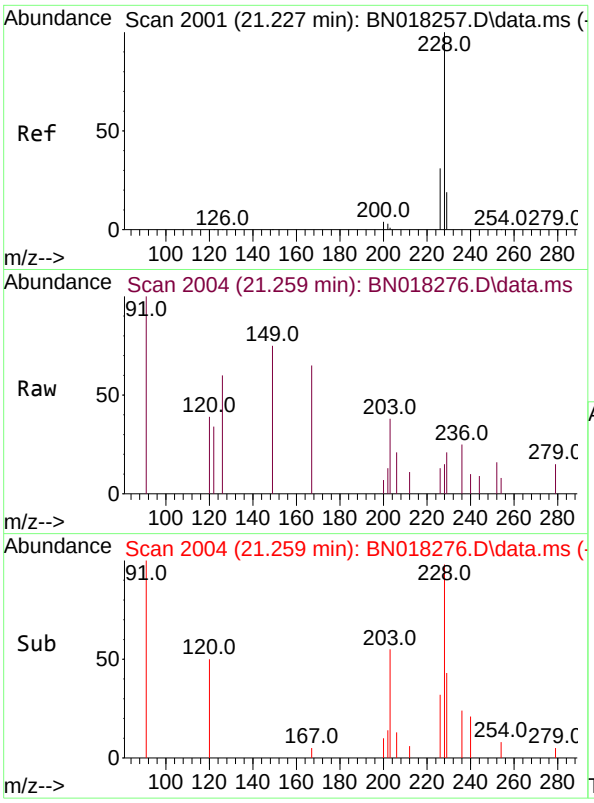


#32
Benzo(a)anthracene
Concen: 0.394 ng
RT: 21.259 min Scan# 2004
Delta R.T. 0.085 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:228 Resp: 63971

Ion	Ratio	Lower	Upper
228	100		
226	85.0	21.3	31.9#
229	135.7	15.9	23.9#



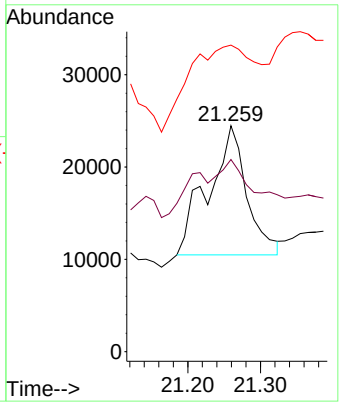


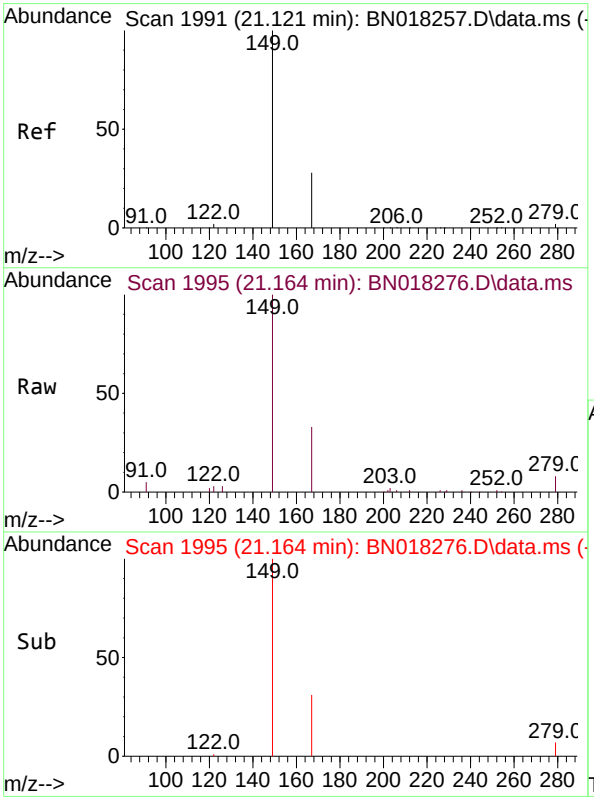
#33
Chrysene
Concen: 0.273 ng
RT: 21.259 min Scan# 2
Delta R.T. 0.032 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 51590

Ion	Ratio	Lower	Upper
228	100		
226	85.0	24.2	36.4#
229	135.7	15.5	23.3#

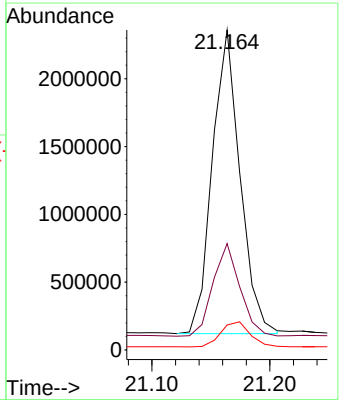


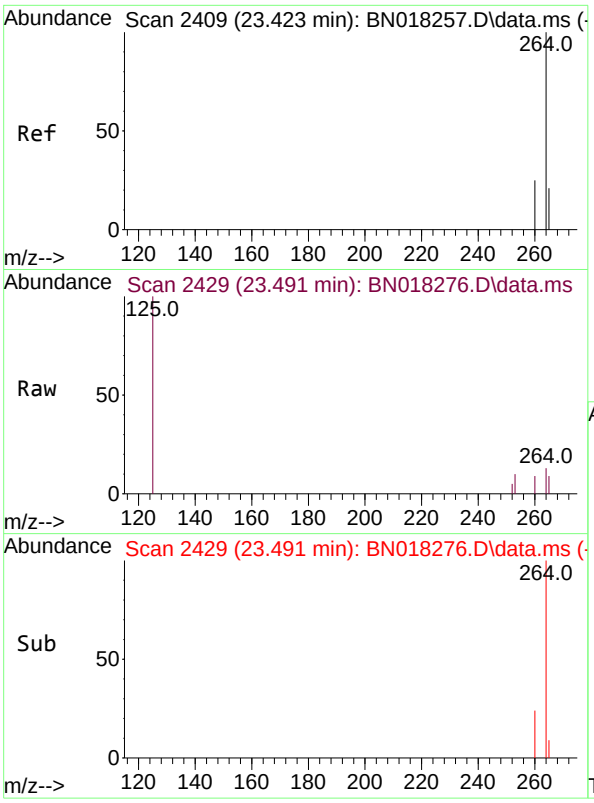


#34
Bis(2-ethylhexyl)phthalate
Concen: 49.905 ng
RT: 21.164 min Scan# 1995
Delta R.T. 0.042 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:149 Resp: 3654124

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.7	35.5
279	8.7	3.6	5.4#



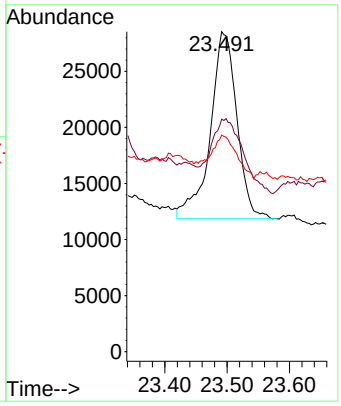


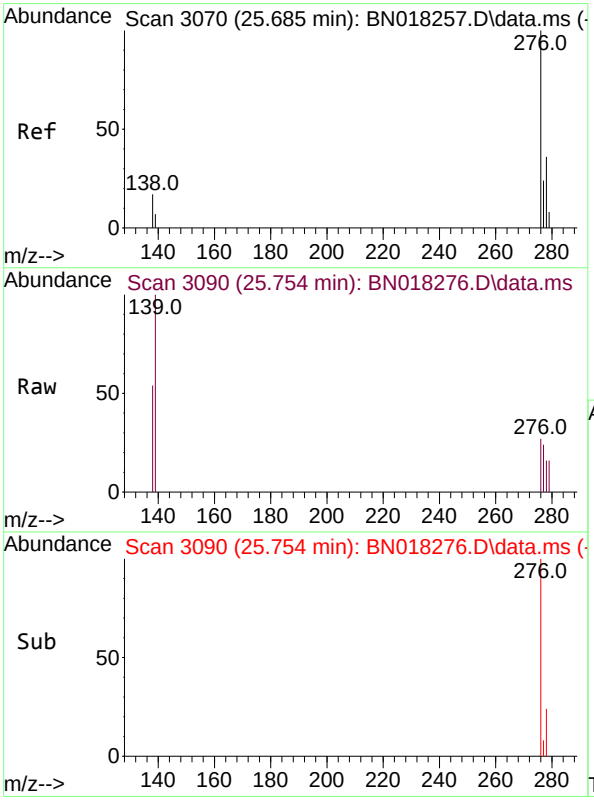
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.491 min Scan# 24
Delta R.T. 0.068 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 49515

Ion	Ratio	Lower	Upper
264	100		
260	72.7	20.2	30.4#
265	67.7	18.2	27.2#

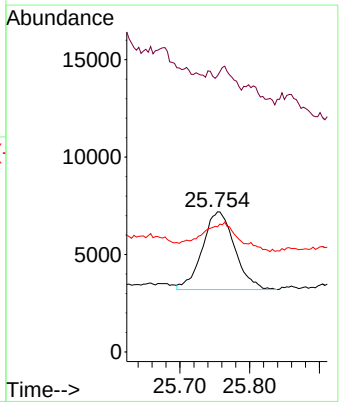


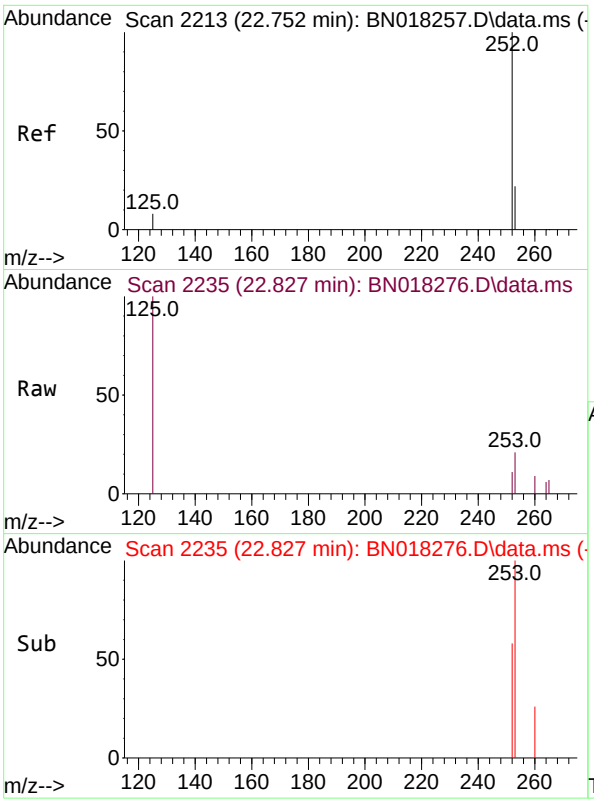


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.109 ng
RT: 25.754 min Scan# 3090
Delta R.T. 0.068 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:276 Resp: 12869

Ion	Ratio	Lower	Upper
276	100		
138	11.2	14.9	22.3#
277	44.2	19.9	29.9#



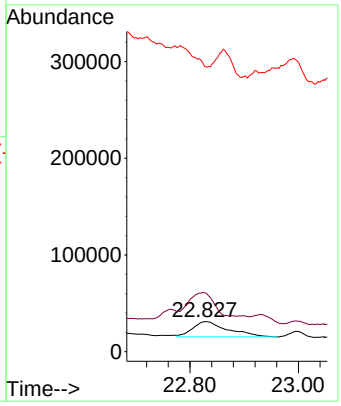


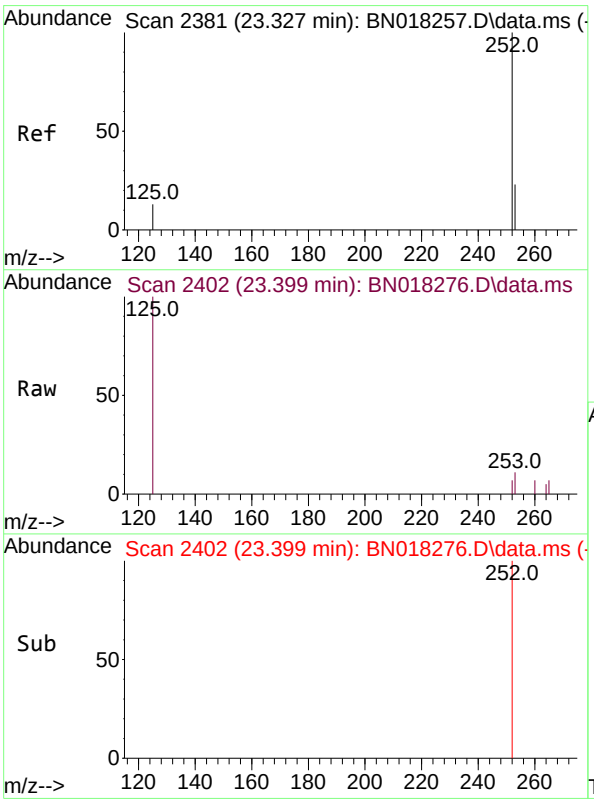
#37
Benzo(b)fluoranthene
Concen: 0.453 ng
RT: 22.827 min Scan# 2
Delta R.T. 0.075 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 71352

Ion	Ratio	Lower	Upper
252	100		
253	195.4	17.8	26.6#
125	946.9	6.0	9.0#

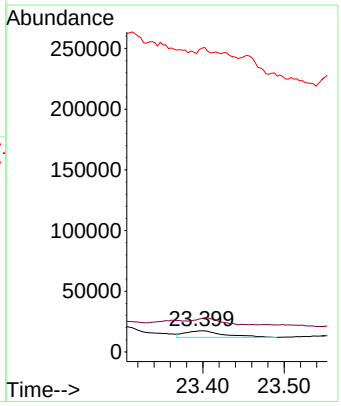


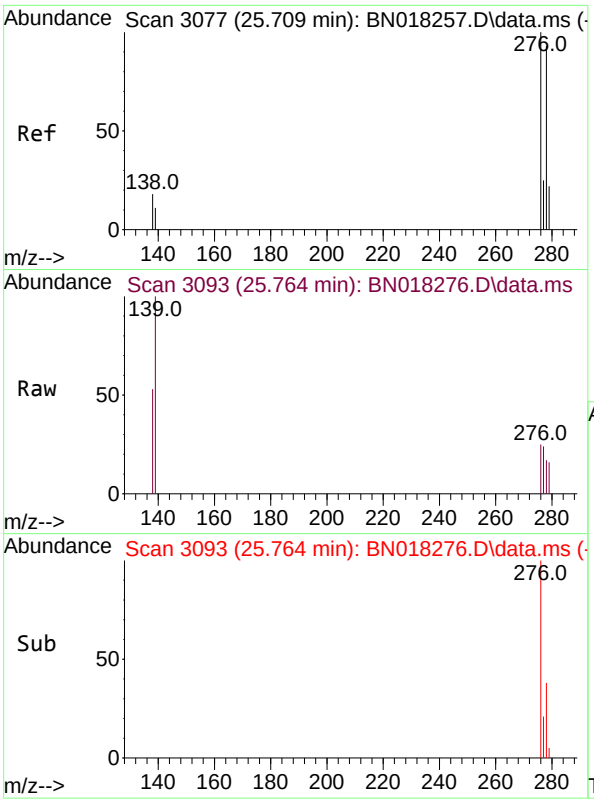


#39
Benzo(a)pyrene
Concen: 0.134 ng
RT: 23.399 min Scan# 2402
Delta R.T. 0.072 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:252 Resp: 18300

Ion	Ratio	Lower	Upper
252	100		
253	157.4	17.8	26.6#
125	1431.9	7.0	10.4#



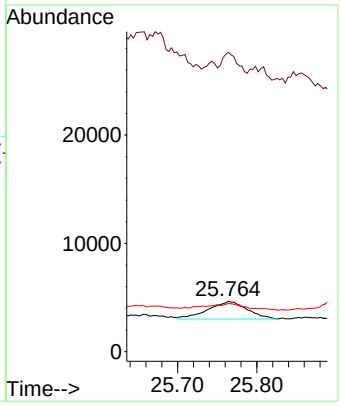


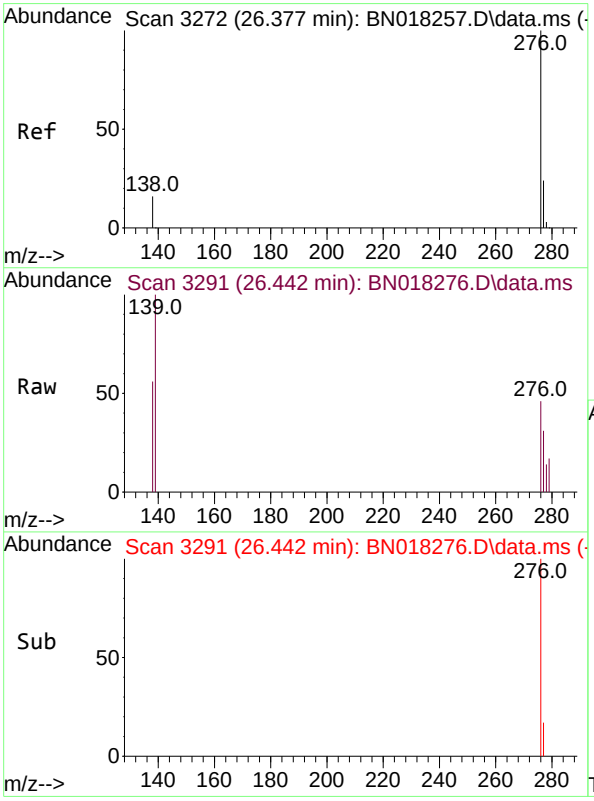
#40
Dibenzo(a,h)anthracene
Concen: 0.067 ng
RT: 25.764 min Scan# 3
Delta R.T. 0.055 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 5620

Ion	Ratio	Lower	Upper
278	100		
139	591.7	10.8	16.2#
279	96.0	19.0	28.4#





#41
Benzo(g,h,i)perylene
Concen: 0.152 ng
RT: 26.442 min Scan# 3291
Delta R.T. 0.065 min
Lab File: BN018276.D
Acq: 30 Dec 2021 01:26

Tgt Ion:276 Resp: 17986

Ion	Ratio	Lower	Upper
276	100		
277	66.9	19.0	28.6#
138	119.9	12.6	19.0#