Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018479.D
Acq On : 26 Jan 2022 17:15
Operator : CG/JU
Sample : N1245-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Quant Time: Jan 27 05:35:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.947	152	36279	0.400	ng	-0.02
7) Naphthalene-d8	10.749	136	158979	0.400	ng	#-0.01
13) Acenaphthene-d10	14.573	164	91649	0.400	ng	0.00
19) Phenanthrene-d10	17.310	188	178101	0.400	ng	# 0.00
29) Chrysene-d12	21.482	240	164115	0.400	ng	-0.01
35) Perylene-d12	23.888	264	155671	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.512	112	10663	0.118	ng	0.00
5) Phenol-d6	7.098	99	10973	0.112	ng	0.00
8) Nitrobenzene-d5	9.101	82	12611	0.137	ng	-0.01
11) 2-Methylnaphthalene-d10	12.336	152	29005	0.109	ng	-0.01
14) 2,4,6-Tribromophenol	16.044	330	3310	0.120	ng	-0.01
15) 2-Fluorobiphenyl	13.203	172	39843	0.121	ng	-0.01
27) Fluoranthene-d10	19.331	212	57261	0.107	ng	0.00
31) Terphenyl-d14	19.927	244	46612	0.091	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.641	42	1055	0.035	ng	# 1
9) Naphthalene	10.799	128	54537	0.141	ng	100
12) 2-Methylnaphthalene	12.407	142	23001	0.085	ng	99
16) Acenaphthylene	14.281	152	17050	0.050	ng	# 97
17) Acenaphthene	14.624	154	59926	0.248	ng	99
18) Fluorene	15.614	166	77602	0.267	ng	97
20) 4,6-Dinitro-2-methylph...	15.677	198	53	0.079	ng	# 1
24) Pentachlorophenol	16.957	266	435	0.197	ng	96
25) Phenanthrene	17.346	178	1139552	2.410	ng	99
26) Anthracene	17.431	178	258136	0.646	ng	# 93
28) Fluoranthene	19.361	202	1231663	2.384	ng	# 97
30) Pyrene	19.723	202	1026319	1.465	ng	# 95
32) Benzo(a)anthracene	21.461	228	740377	1.425	ng	98
33) Chrysene	21.514	228	553304	1.076	ng	97
34) Bis(2-ethylhexyl)phtha...	21.397	149	19744	0.048	ng	100
36) Indeno(1,2,3-cd)pyrene	26.384	276	239966	0.867	ng	97
37) Benzo(b)fluoranthene	23.156	252	741843	1.323	ng	# 96
39) Benzo(a)pyrene	23.779	252	489676	1.193	ng	# 97
40) Dibenzo(a,h)anthracene	26.394	278	70236	0.423	ng	# 88
41) Benzo(g,h,i)perylene	27.150	276	203738	0.724	ng	# 94

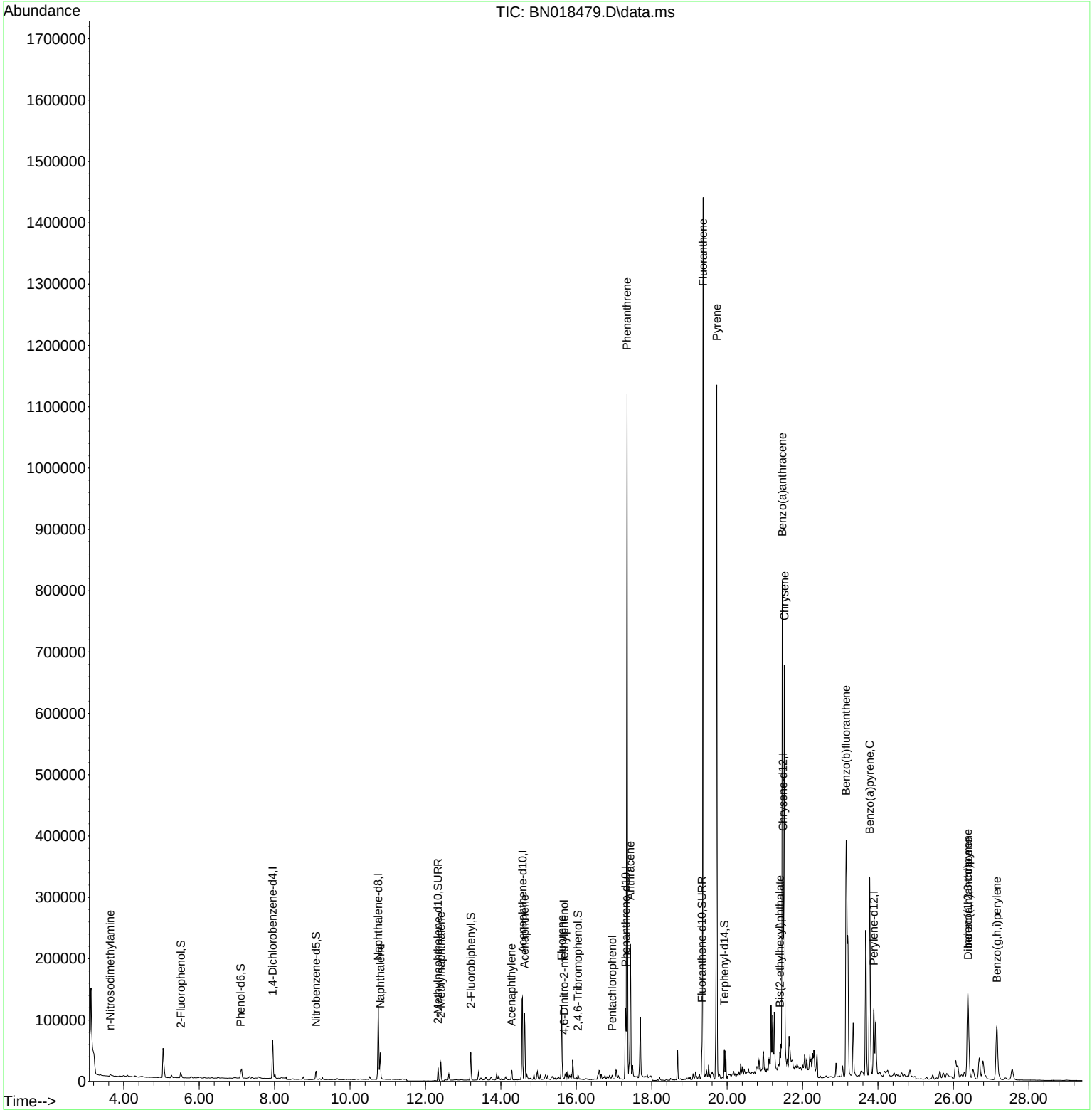
(#) = qualifier out of range (m) = manual integration (+) = signals summed

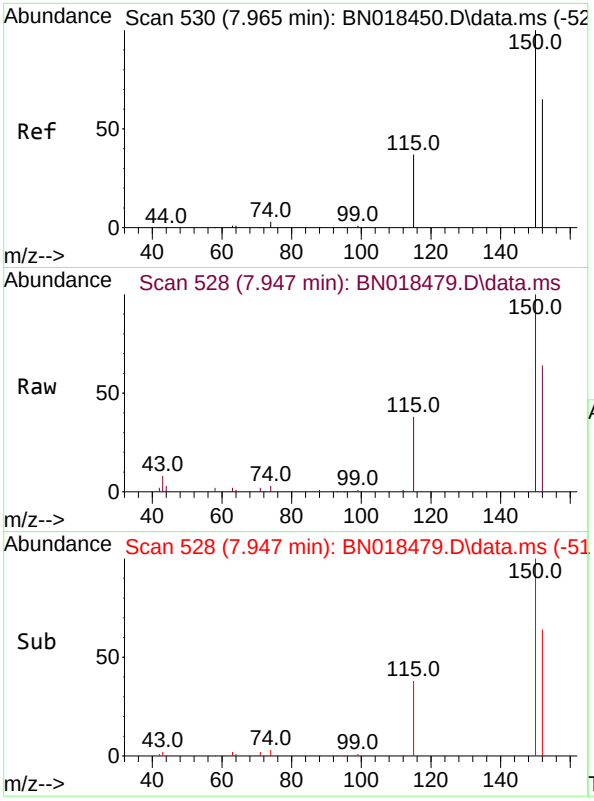
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012622\
Data File : BN018479.D
Acq On : 26 Jan 2022 17:15
Operator : CG/JU
Sample : N1245-04DL 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Quant Time: Jan 27 05:35:44 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN012422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 24 18:25:49 2022
Response via : Initial Calibration



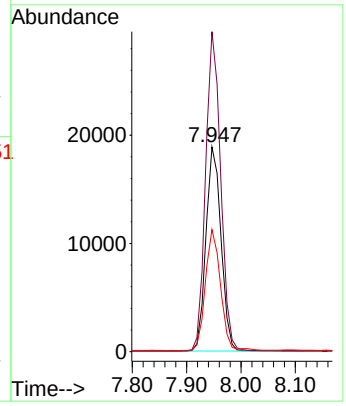


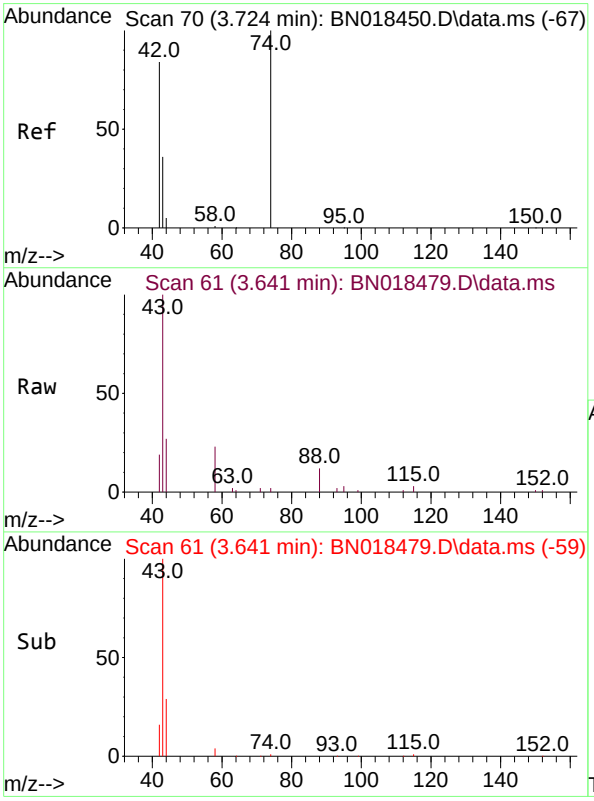
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.947 min Scan# 5
Delta R.T. -0.018 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:152 Resp: 36279

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.7	182.5
115	59.6	43.8	65.8

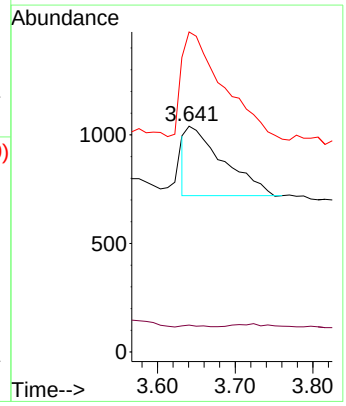


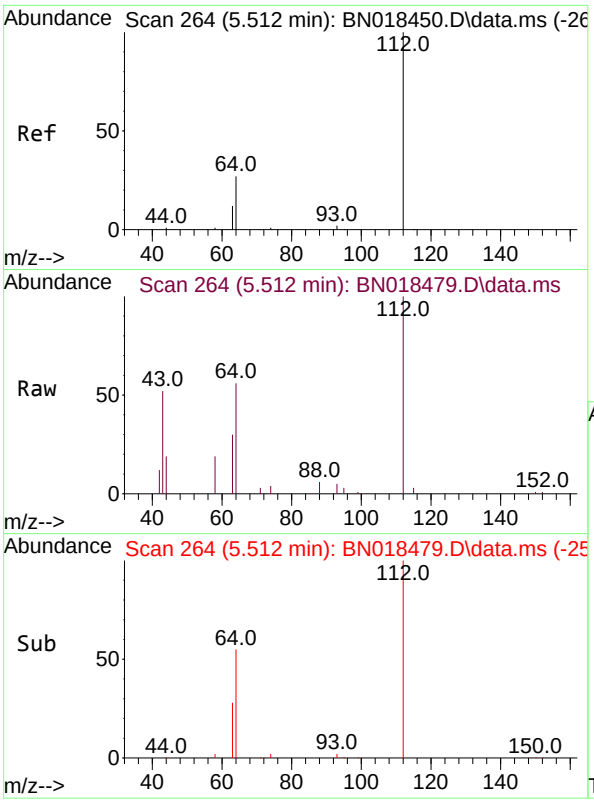


#3
n-Nitrosodimethylamine
Concen: 0.035 ng
RT: 3.641 min Scan# 61
Delta R.T. -0.083 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion: 42 Resp: 1055

Ion	Ratio	Lower	Upper
42	100		
74	0.7	108.6	163.0#
44	158.1	5.8	8.8#



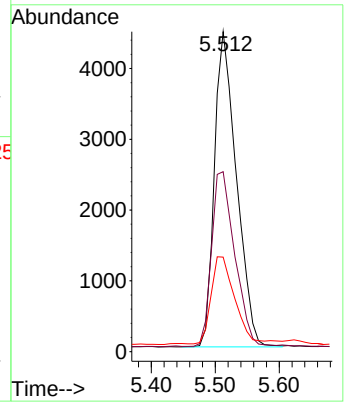


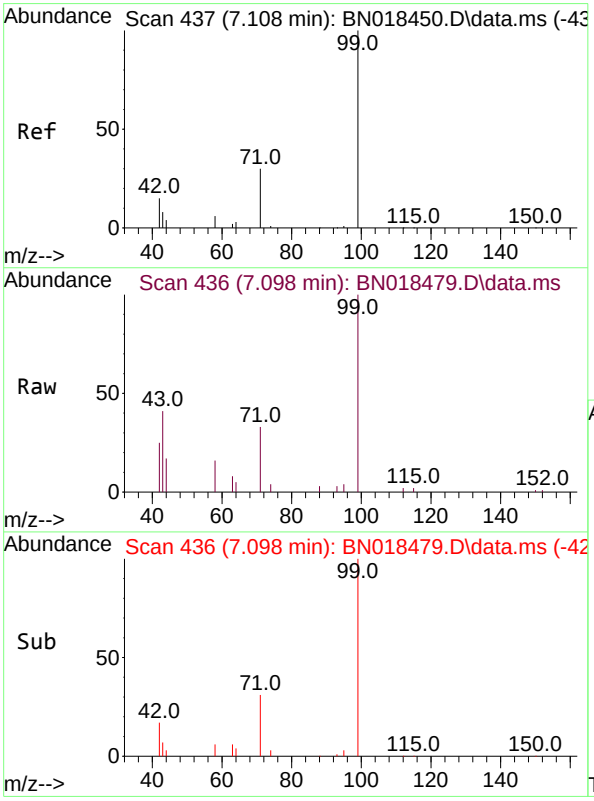
#4
2-Fluorophenol
Concen: 0.118 ng
RT: 5.512 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:112 Resp: 10663

Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.0	72.0
63	29.3	25.3	37.9

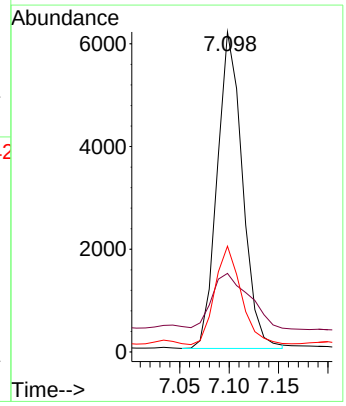


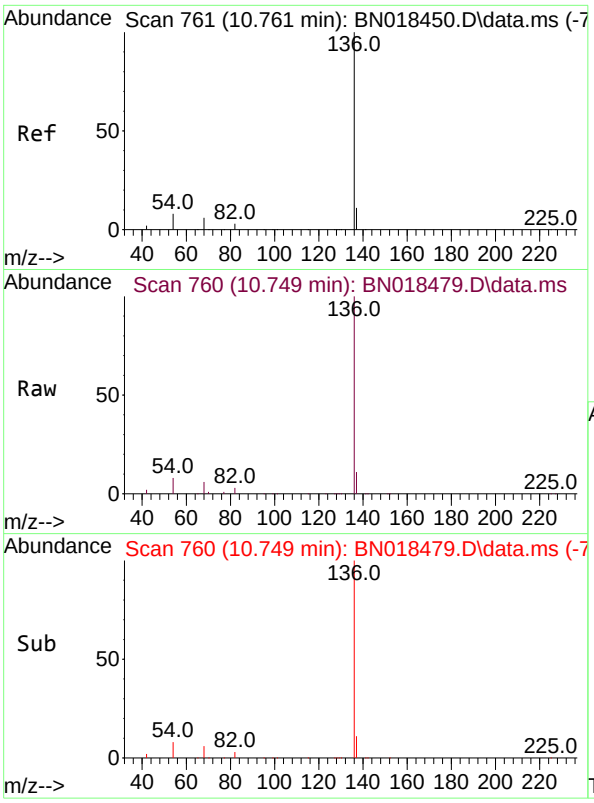


#5
Phenol-d6
Concen: 0.112 ng
RT: 7.098 min Scan# 436
Delta R.T. -0.009 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion: 99 Resp: 10973

Ion	Ratio	Lower	Upper
99	100		
42	25.0	16.3	24.5#
71	32.5	26.8	40.2



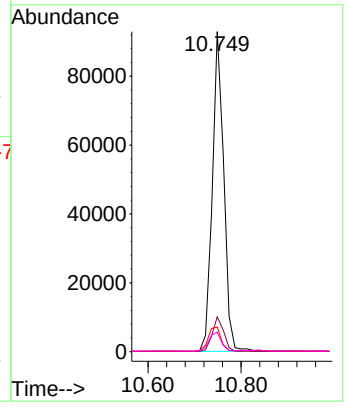


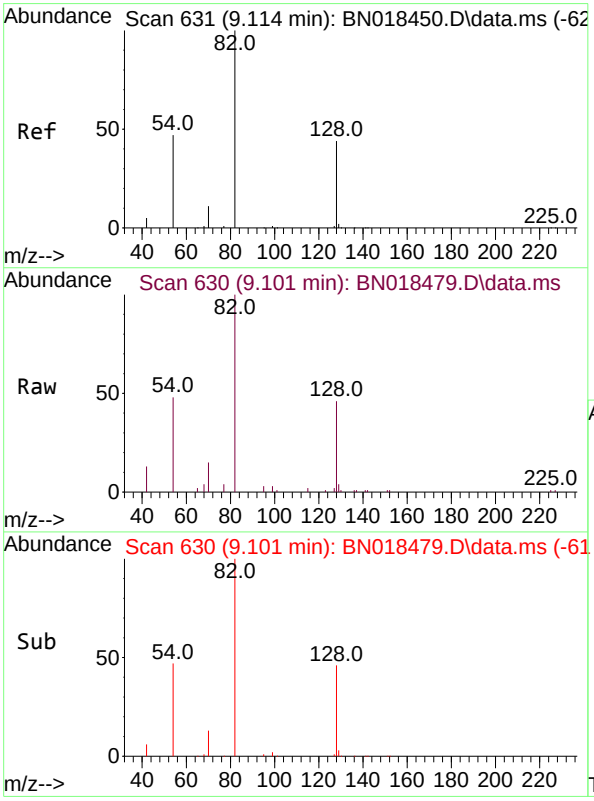
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.749 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:136 Resp: 158979

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.0	7.6#
68	6.1	4.4	6.6

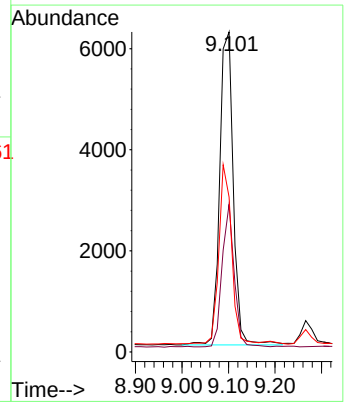


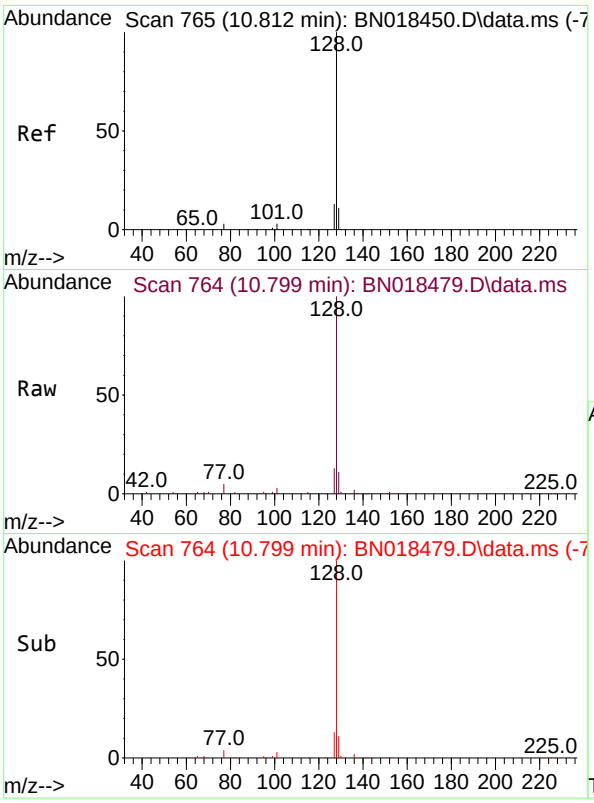


#8
Nitrobenzene-d5
Concen: 0.137 ng
RT: 9.101 min Scan# 630
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion: 82 Resp: 12611

Ion	Ratio	Lower	Upper
82	100		
128	46.2	33.7	50.5
54	48.4	36.6	55.0



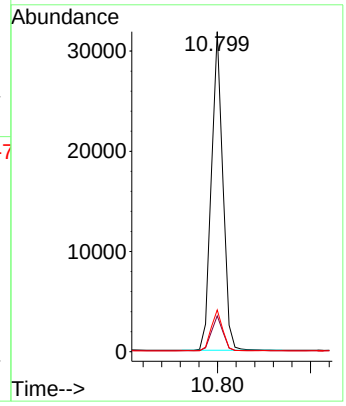


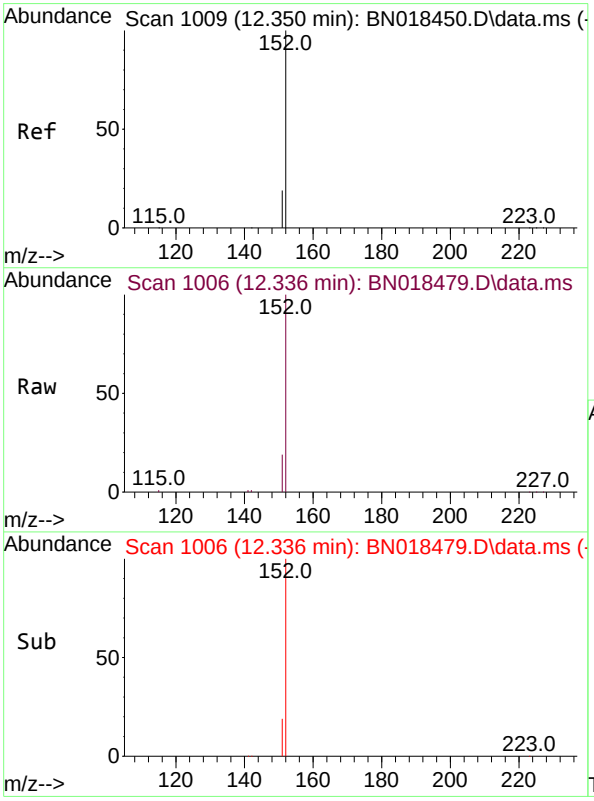
#9
Naphthalene
Concen: 0.141 ng
RT: 10.799 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:128 Resp: 54537

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.1	10.4	15.6

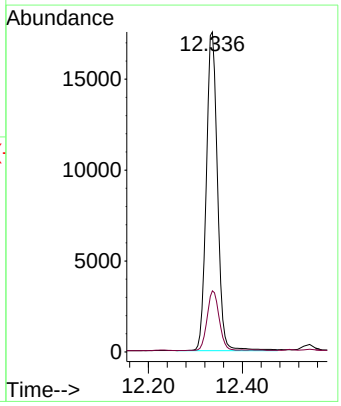


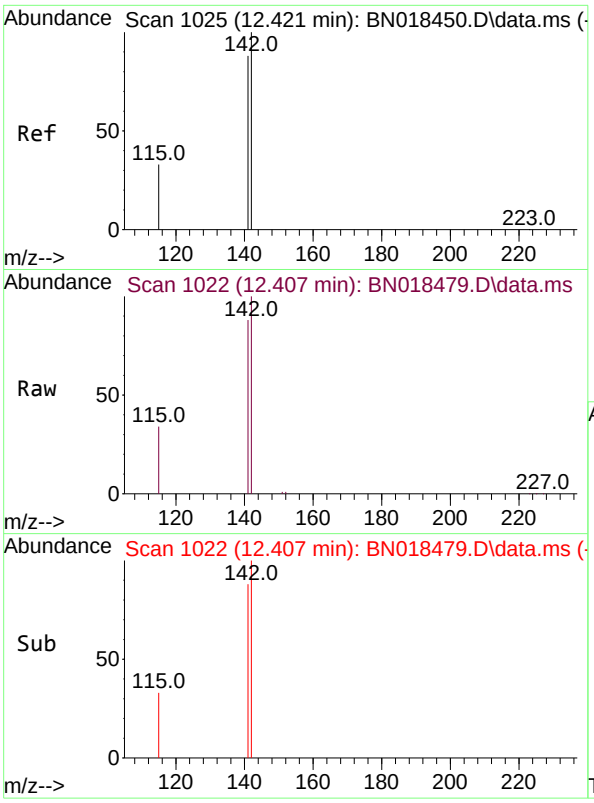


#11
2-Methylnaphthalene-d10
Concen: 0.109 ng
RT: 12.336 min Scan# 1006
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:152 Resp: 29005

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2



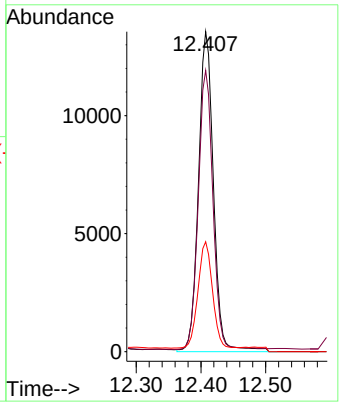


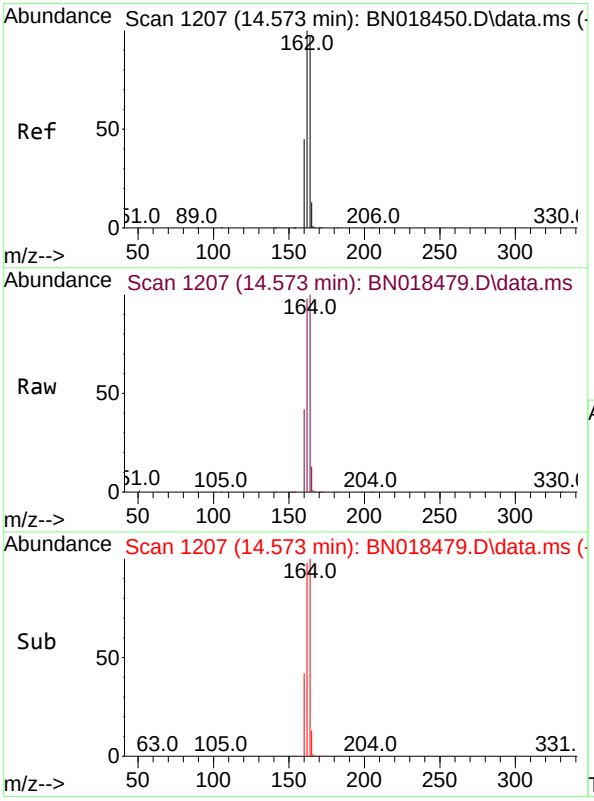
#12
2-Methylnaphthalene
Concen: 0.085 ng
RT: 12.407 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:142 Resp: 23001

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.0	105.0
115	34.4	27.8	41.8

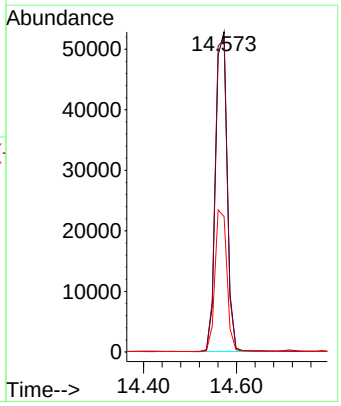


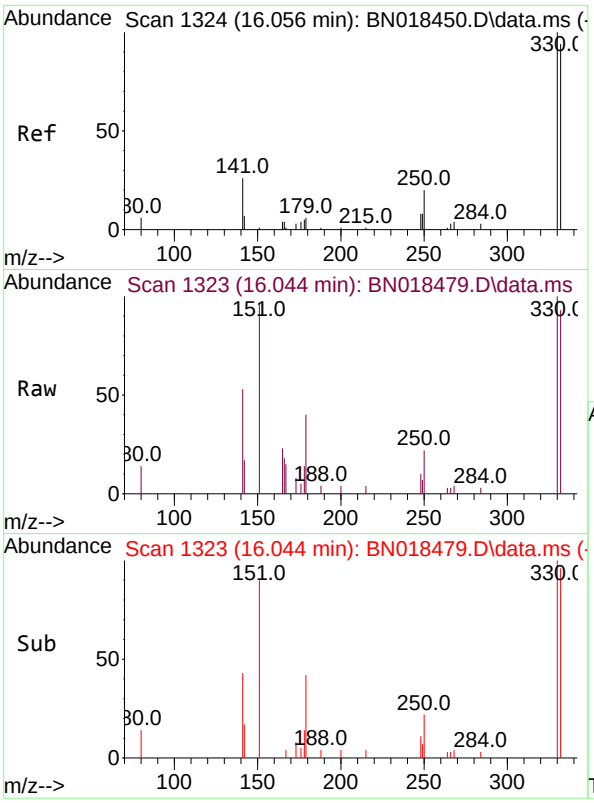


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.573 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:164 Resp: 91649

Ion	Ratio	Lower	Upper
164	100		
162	97.7	80.2	120.2
160	42.3	36.9	55.3



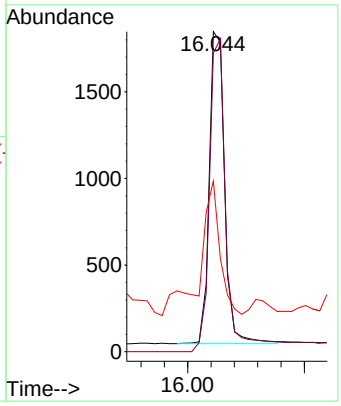


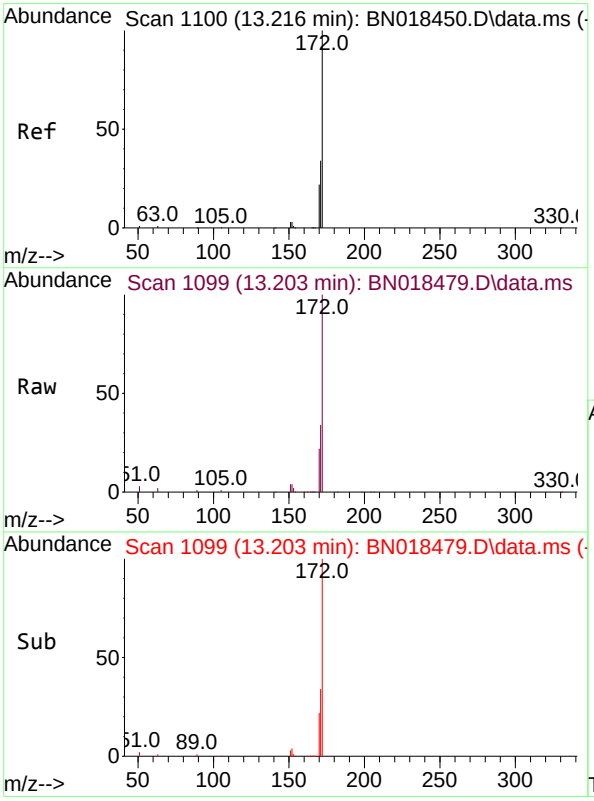
#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 16.044 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:330 Resp: 3310

Ion	Ratio	Lower	Upper
330	100		
332	108.8	0.0	0.0#
141	42.7	21.3	31.9#

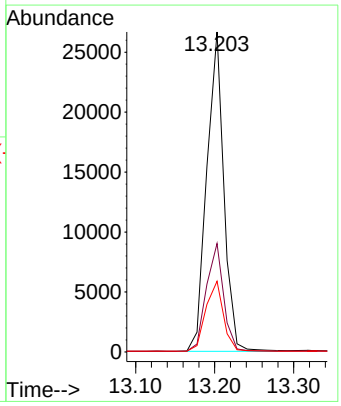


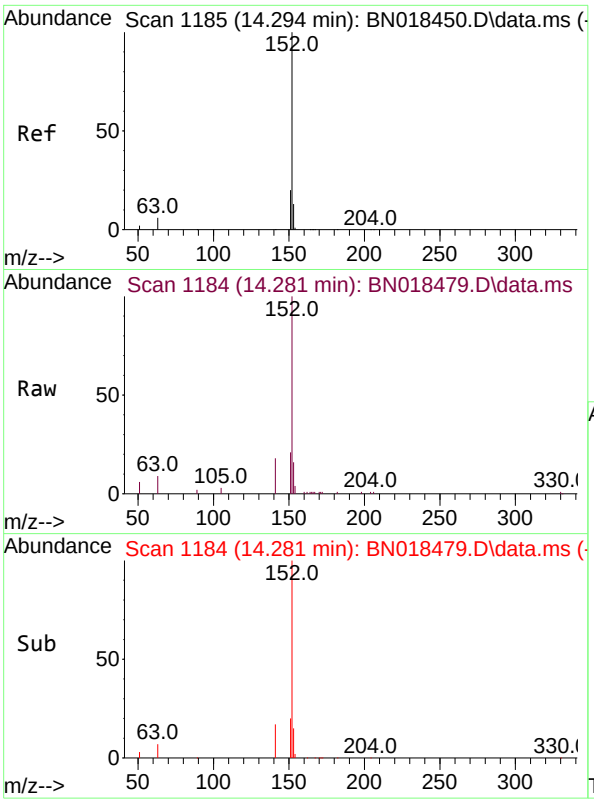


#15
2-Fluorobiphenyl
Concen: 0.121 ng
RT: 13.203 min Scan# 1099
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:172 Resp: 39843

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.4	41.0
170	22.1	18.4	27.6



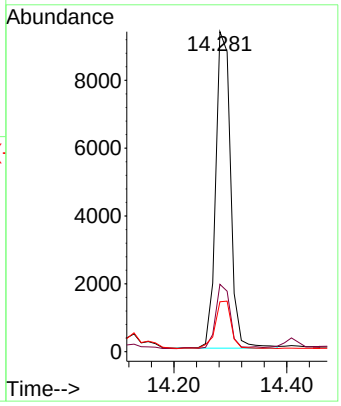


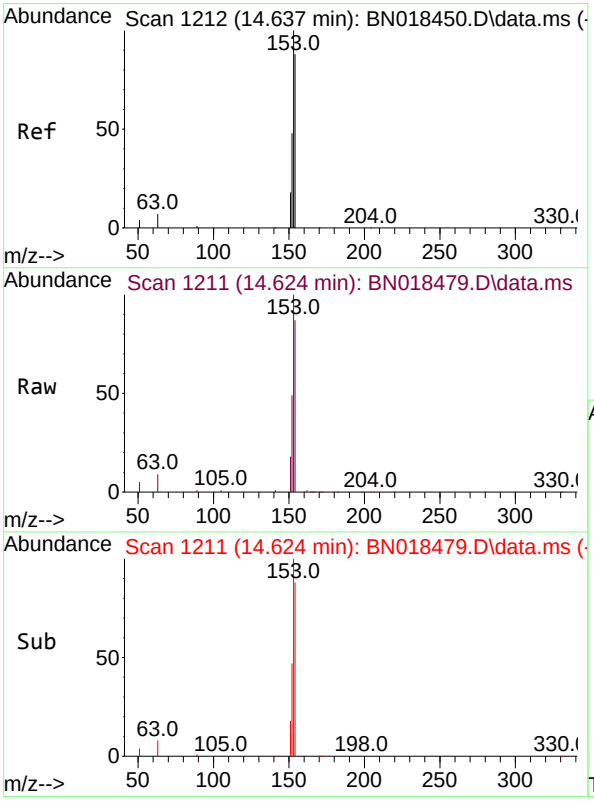
#16
Acenaphthylene
Concen: 0.050 ng
RT: 14.281 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:152 Resp: 17050

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	16.1	10.5	15.7#

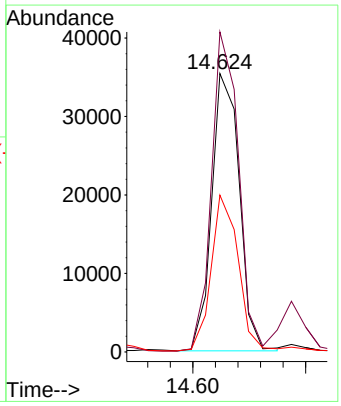


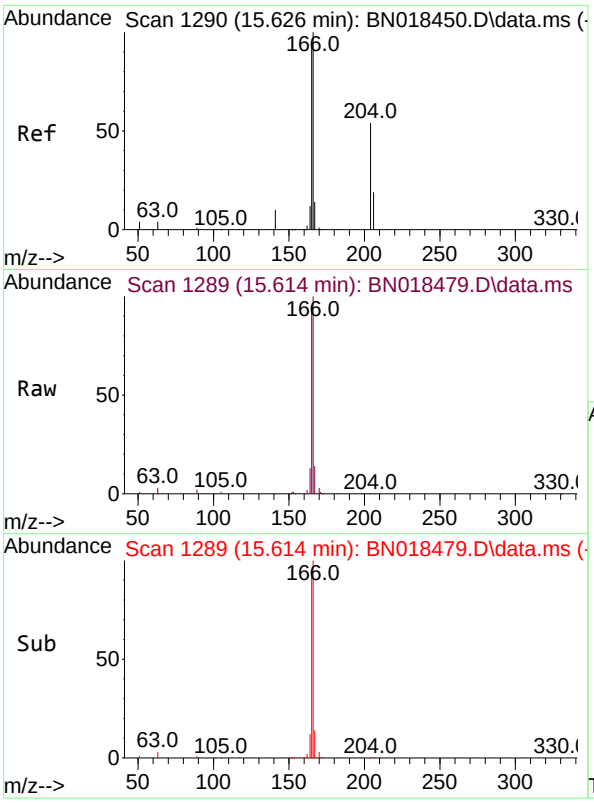


#17
Acenaphthene
Concen: 0.248 ng
RT: 14.624 min Scan# 1211
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:154 Resp: 59926

Ion	Ratio	Lower	Upper
154	100		
153	112.6	90.9	136.3
152	55.9	45.0	67.4



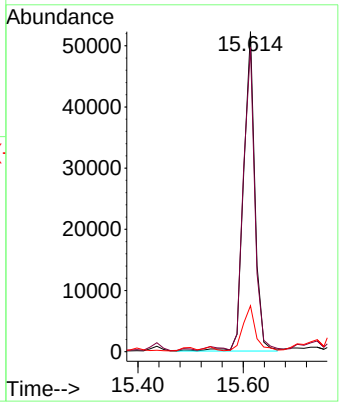


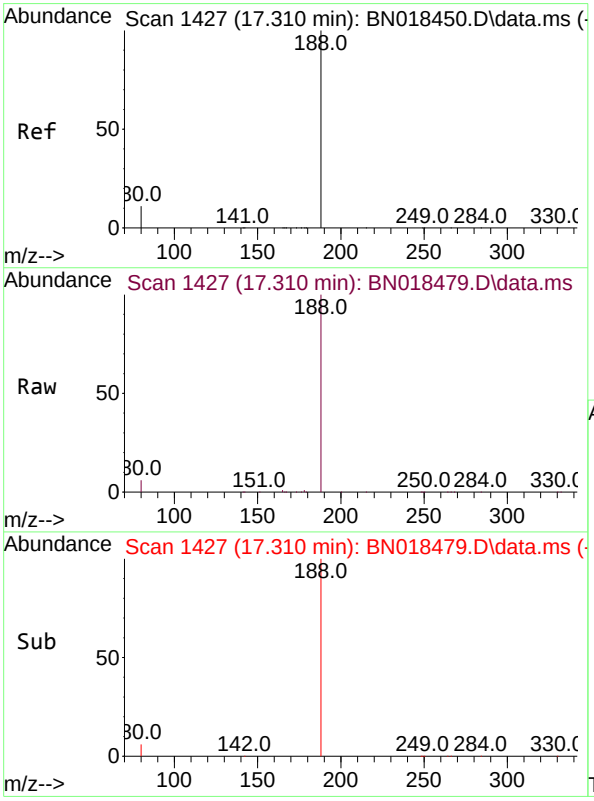
#18
Fluorene
Concen: 0.267 ng
RT: 15.614 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:166 Resp: 77602

Ion	Ratio	Lower	Upper
166	100		
165	94.5	77.8	116.6
167	15.6	10.9	16.3

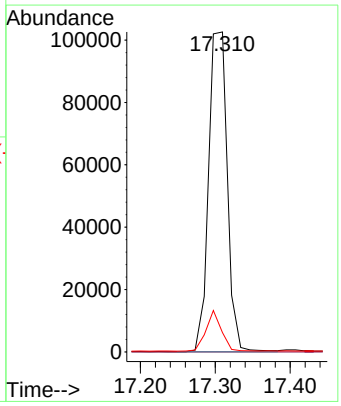


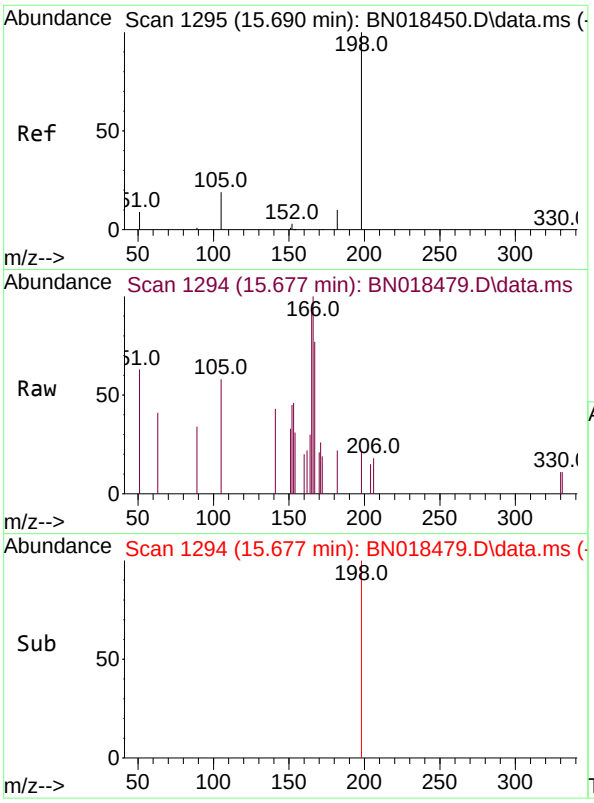


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.310 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:188 Resp: 178101

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	7.0	10.4#



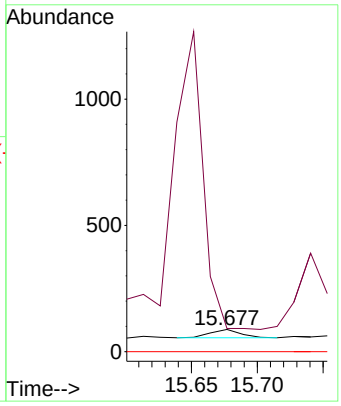


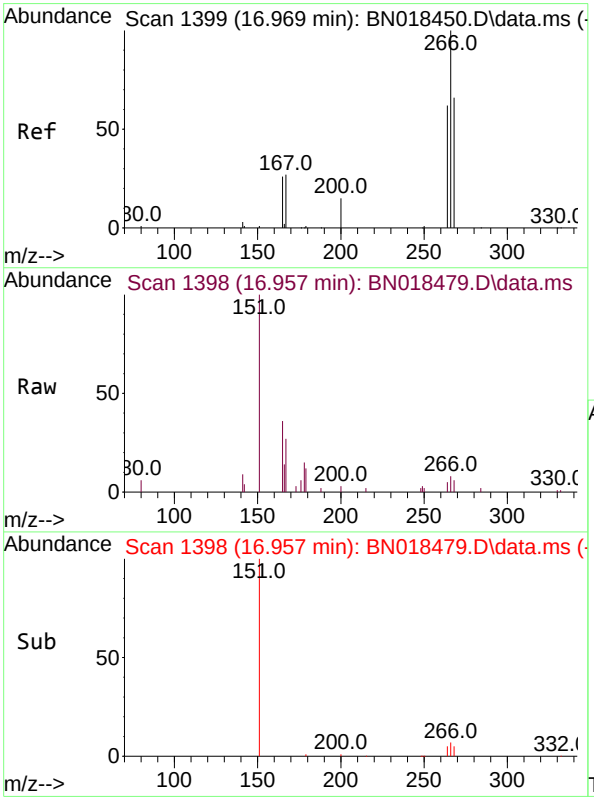
#20
4,6-Dinitro-2-methylphenol
Concen: 0.079 ng
RT: 15.677 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:198 Resp: 53

Ion	Ratio	Lower	Upper
198	100		
182	104.5	15.5	23.3#
77	0.0	0.0	0.0

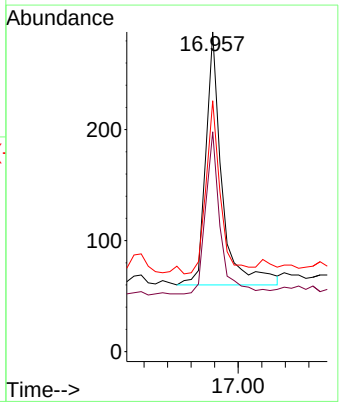


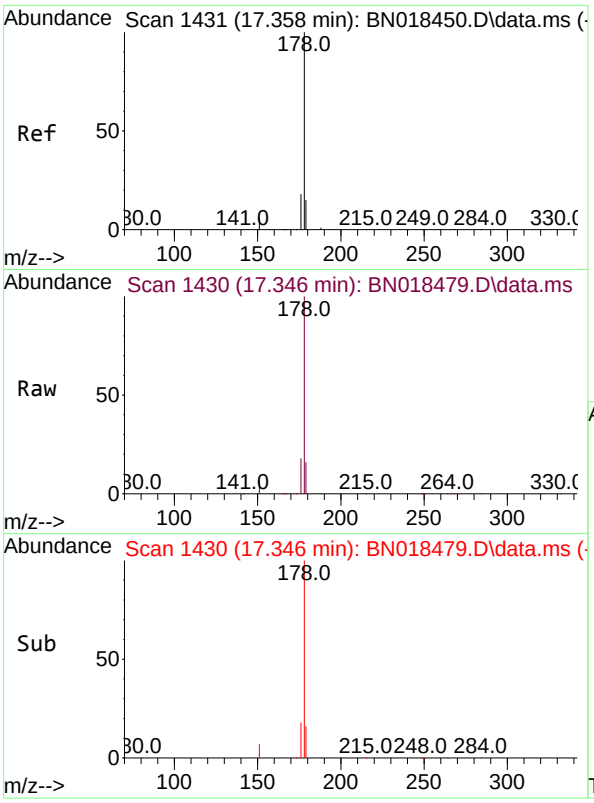


#24
Pentachlorophenol
Concen: 0.197 ng
RT: 16.957 min Scan# 1398
Delta R.T. -0.012 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:266 Resp: 435

Ion	Ratio	Lower	Upper
266	100		
264	58.2	49.5	74.3
268	60.2	50.6	76.0



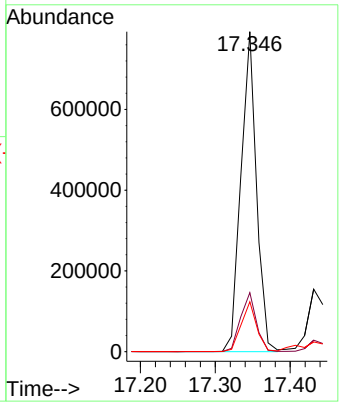


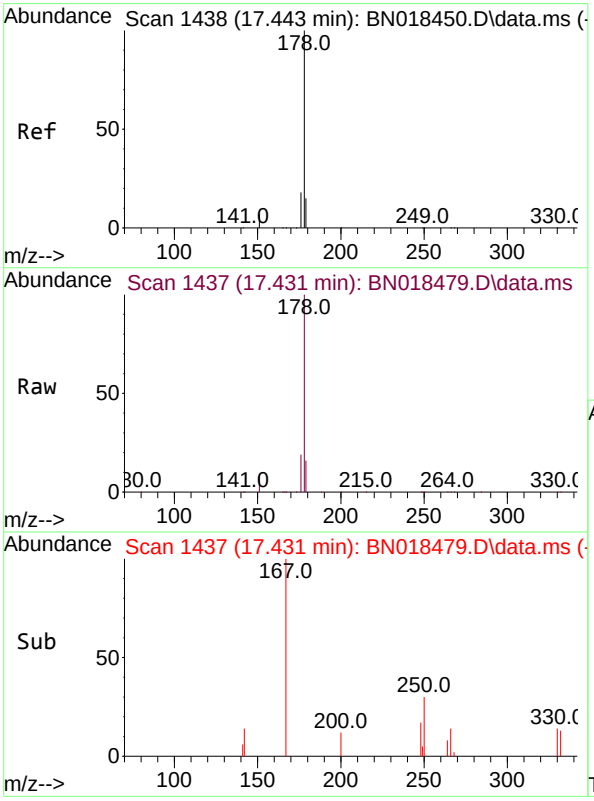
#25
Phenanthrene
Concen: 2.410 ng
RT: 17.346 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:178 Resp: 1139552

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	15.6	12.3	18.5

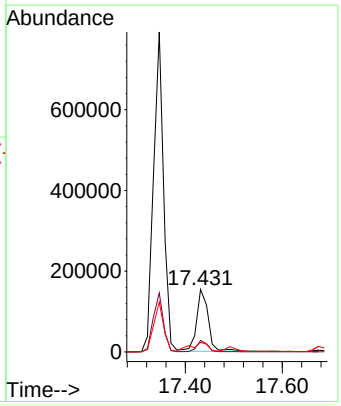


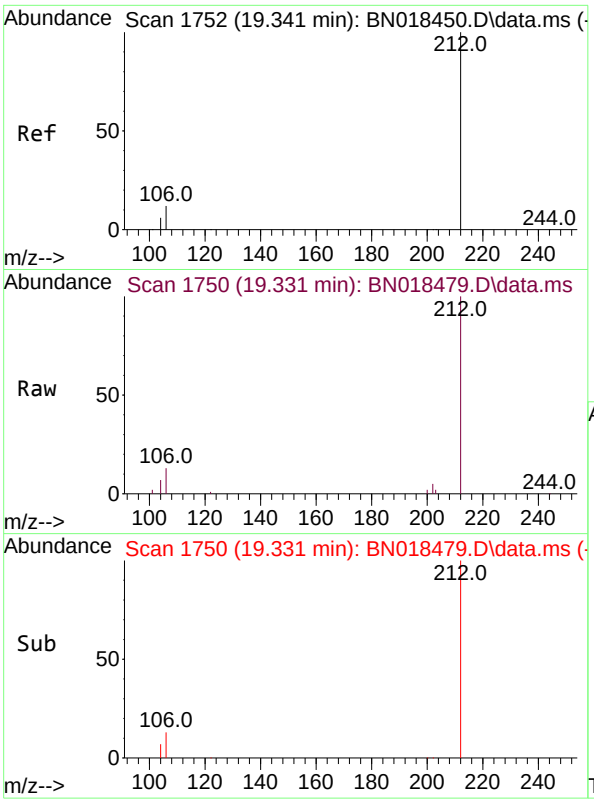


#26
Anthracene
Concen: 0.646 ng
RT: 17.431 min Scan# 1437
Delta R.T. -0.012 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:178 Resp: 258136

Ion	Ratio	Lower	Upper
178	100		
176	17.4	14.8	22.2
179	20.5	12.2	18.4#



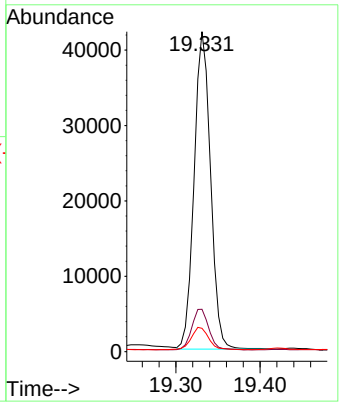


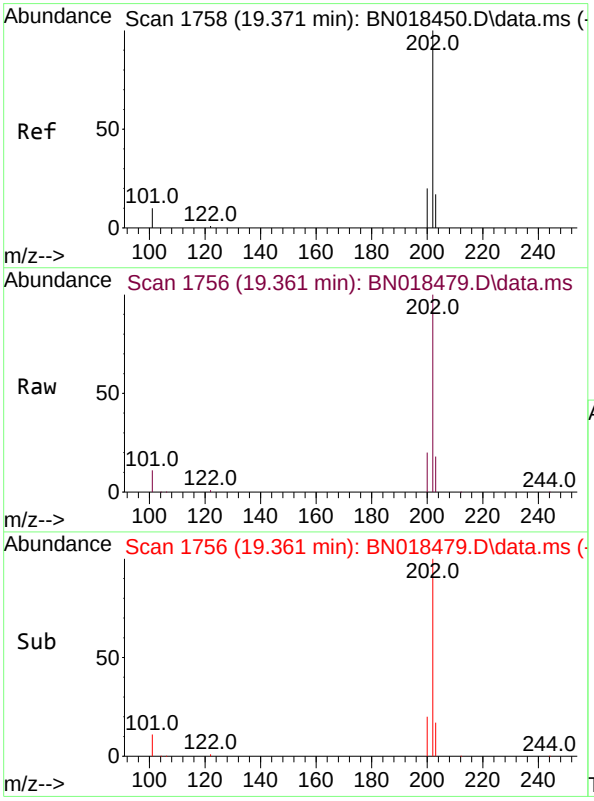
#27
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.331 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:212 Resp: 57261

Ion	Ratio	Lower	Upper
212	100		
106	13.3	8.4	12.6#
104	7.6	4.5	6.7#

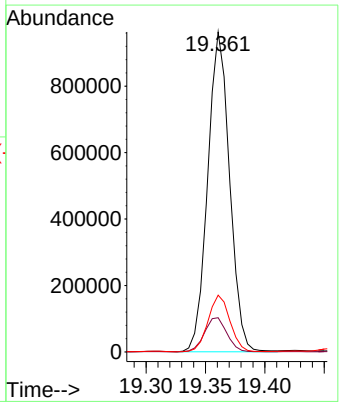


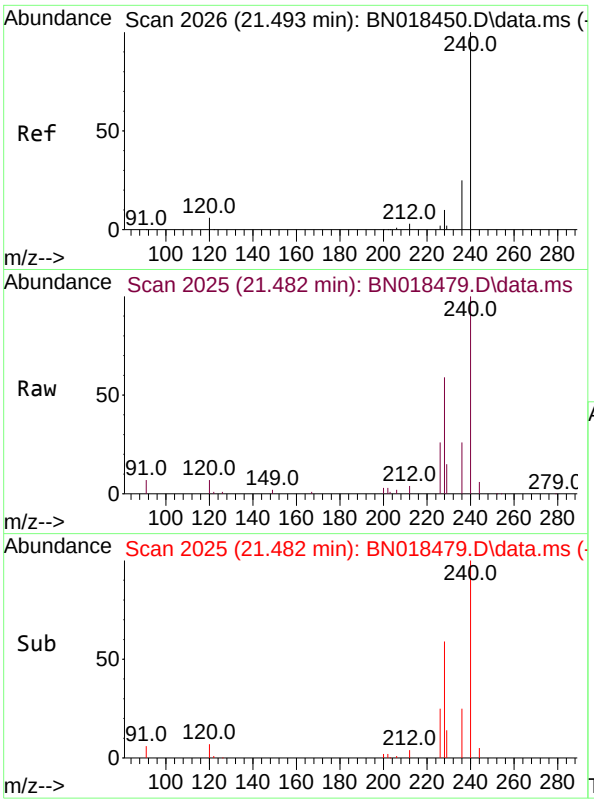


#28
Fluoranthene
Concen: 2.384 ng
RT: 19.361 min Scan# 1756
Delta R.T. -0.010 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:202 Resp: 1231663

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.2	10.8#
203	17.6	13.7	20.5



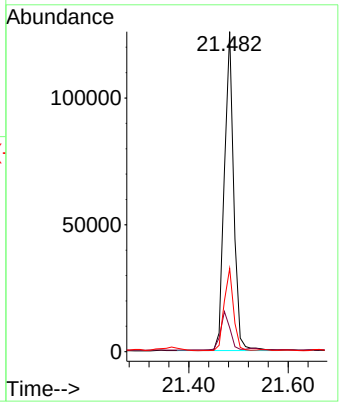


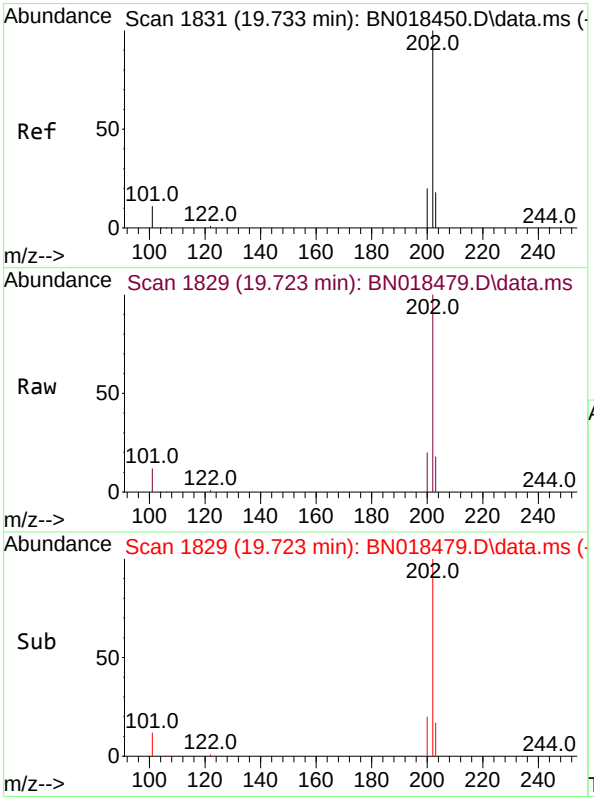
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.482 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:240 Resp: 164115

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.0	9.0
236	26.0	21.4	32.2

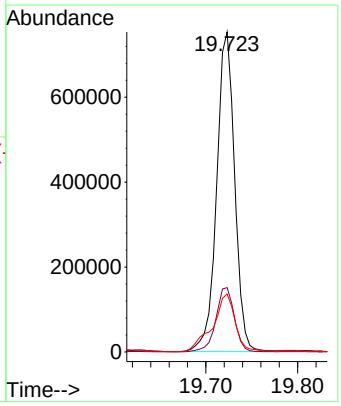


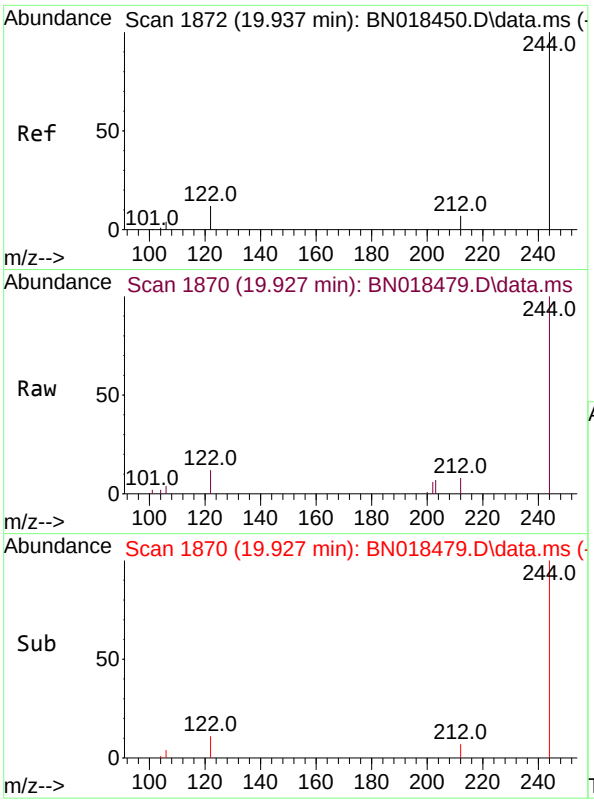


#30
Pyrene
Concen: 1.465 ng
RT: 19.723 min Scan# 1829
Delta R.T. -0.010 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:202 Resp: 1026319

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	22.6	14.1	21.1#



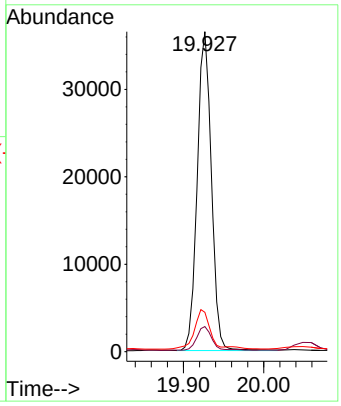


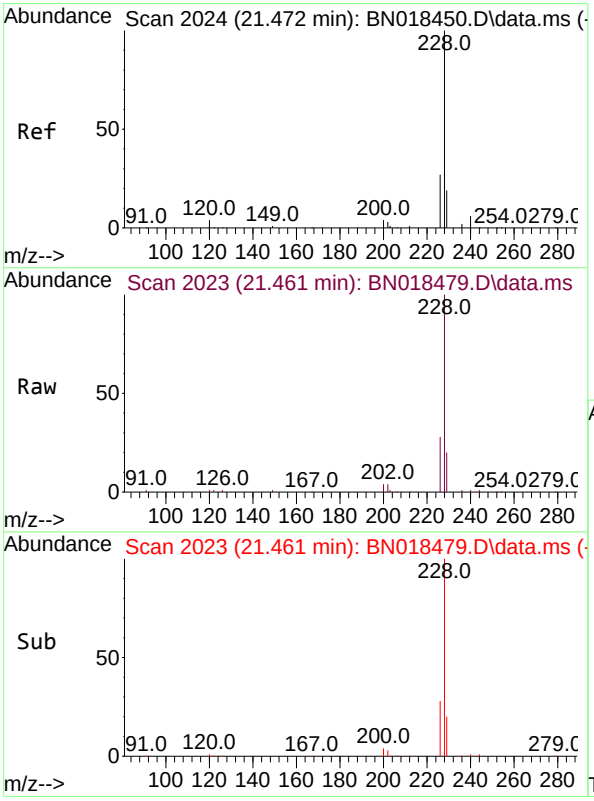
#31
Terphenyl-d14
Concen: 0.091 ng
RT: 19.927 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:244 Resp: 46612

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	12.3	7.9	11.9#

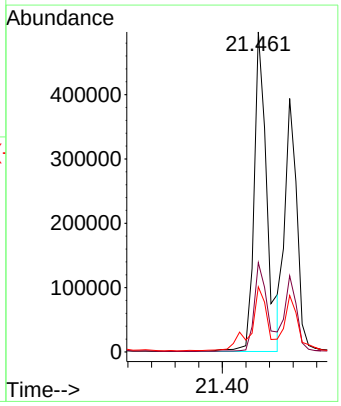


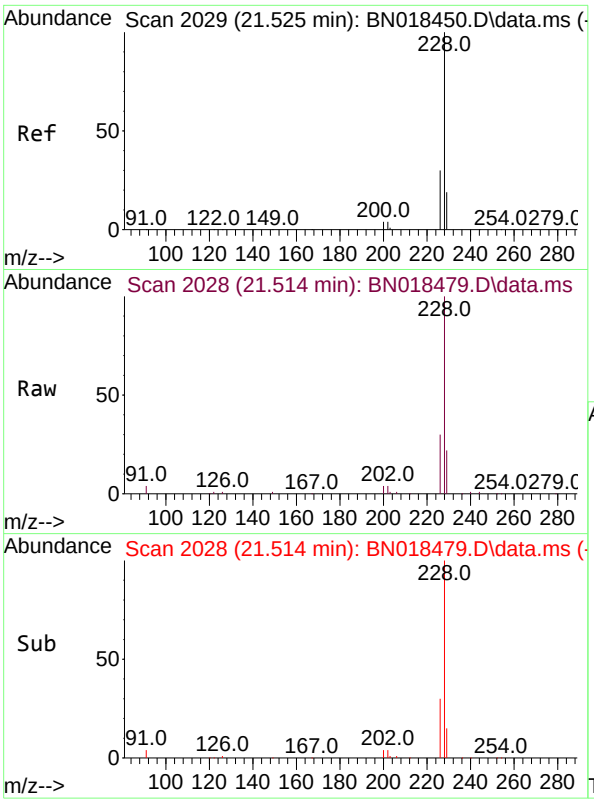


#32
Benzo(a)anthracene
Concen: 1.425 ng
RT: 21.461 min Scan# 2023
Delta R.T. -0.011 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:228 Resp: 740377

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.3	31.9
229	20.4	15.9	23.9



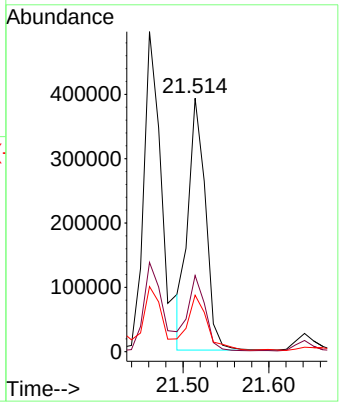


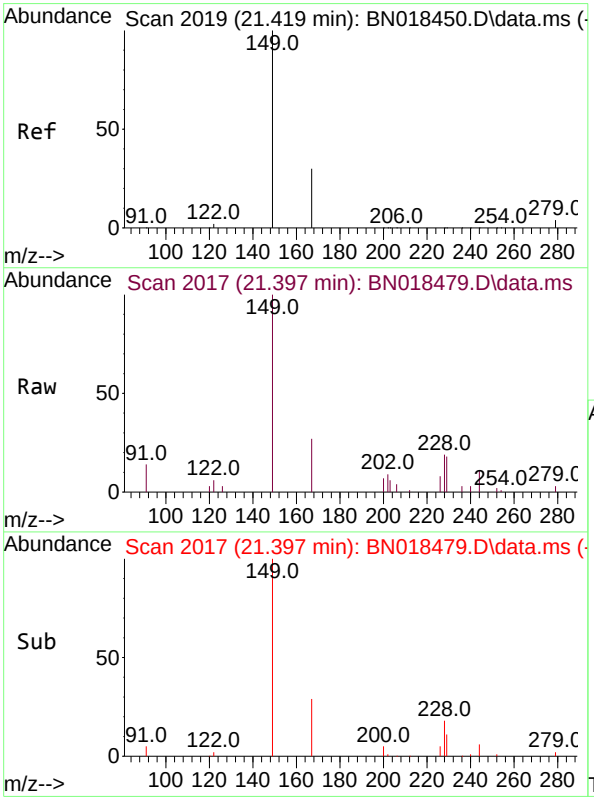
#33
Chrysene
Concen: 1.076 ng
RT: 21.514 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:228 Resp: 553304

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	22.3	15.5	23.3

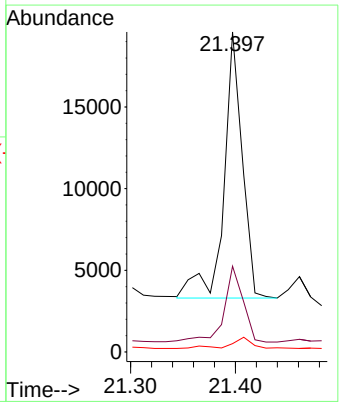


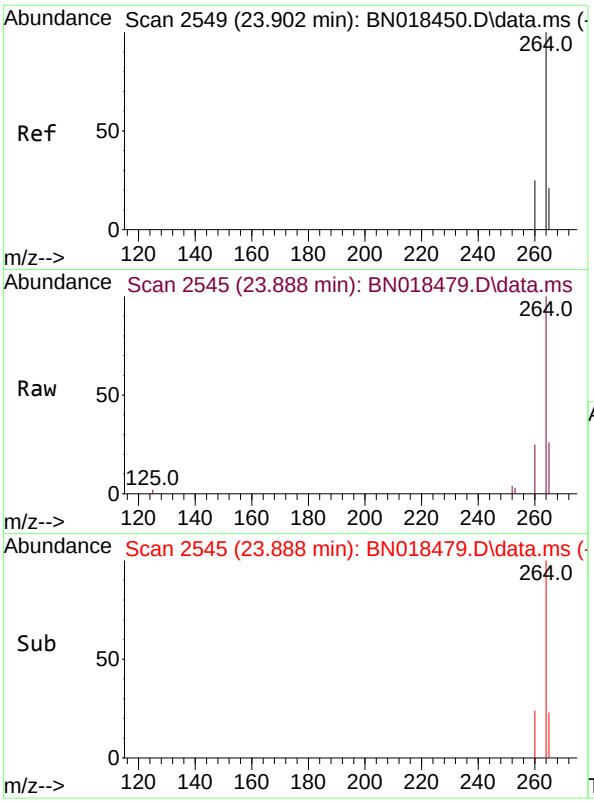


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.048 ng
RT: 21.397 min Scan# 2017
Delta R.T. -0.021 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:149 Resp: 19744

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.1	3.6	5.4



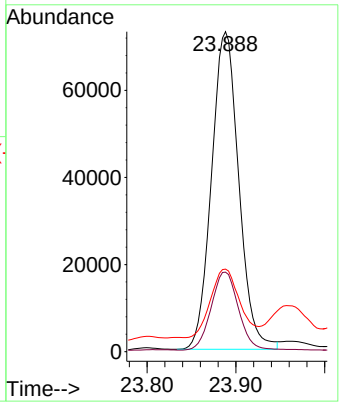


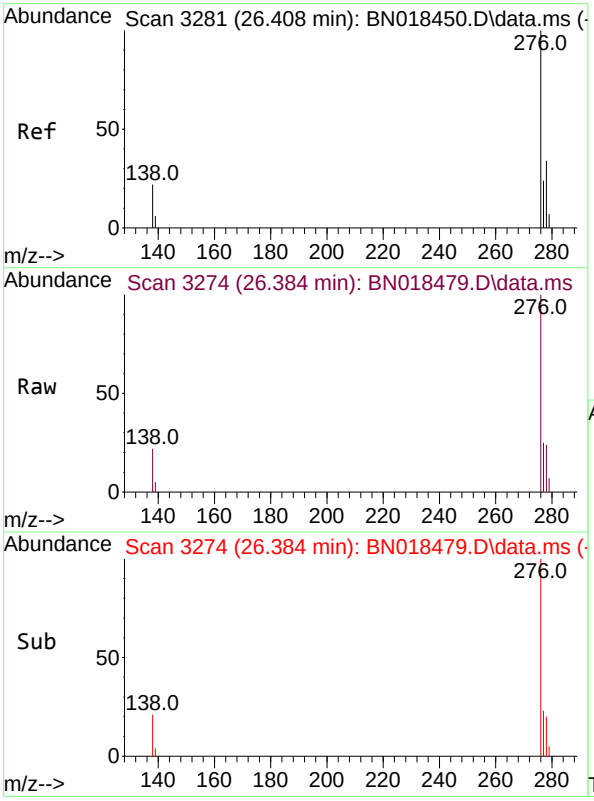
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.888 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:264 Resp: 155671

Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.4
265	25.8	18.2	27.2

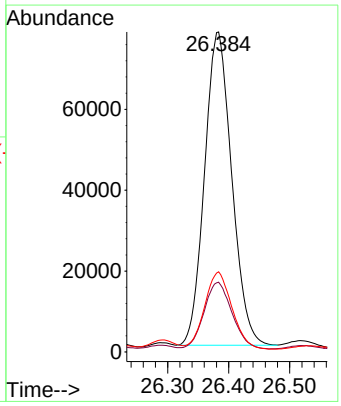


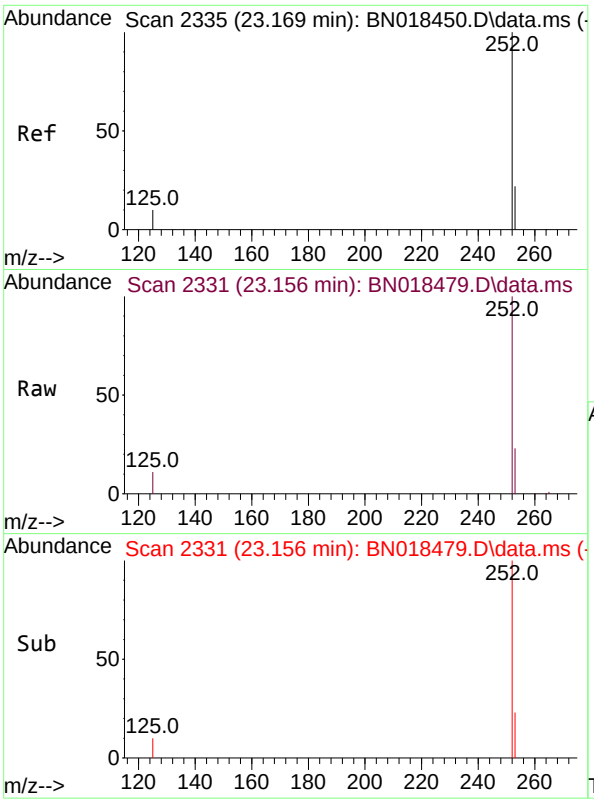


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.867 ng
RT: 26.384 min Scan# 3274
Delta R.T. -0.024 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:276 Resp: 239966

Ion	Ratio	Lower	Upper
276	100		
138	21.8	14.9	22.3
277	24.7	19.9	29.9



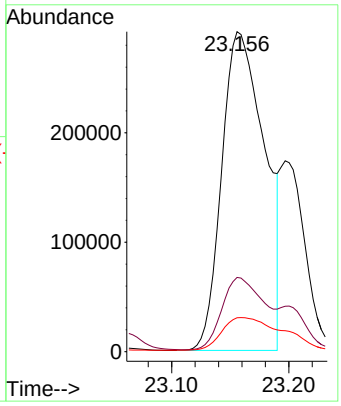


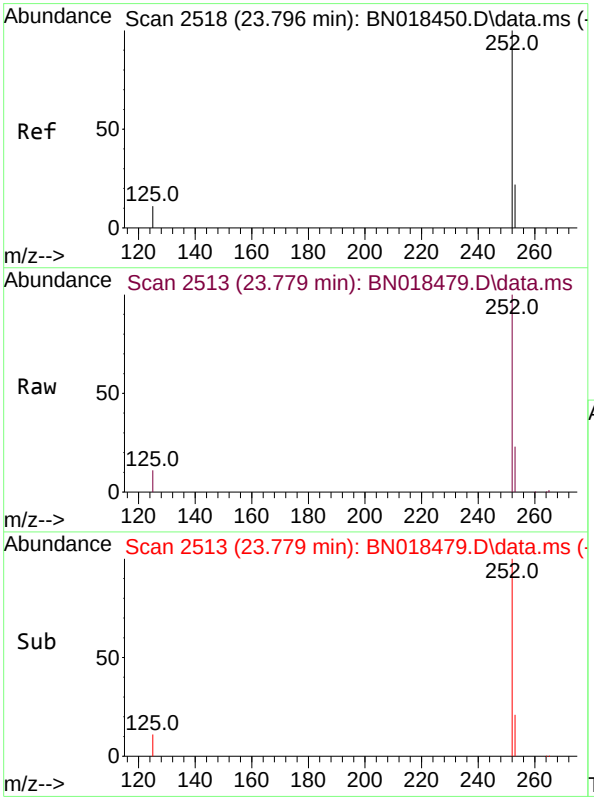
#37
Benzo(b)fluoranthene
Concen: 1.323 ng
RT: 23.156 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:252 Resp: 741843

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.8	26.6
125	10.6	6.0	9.0#

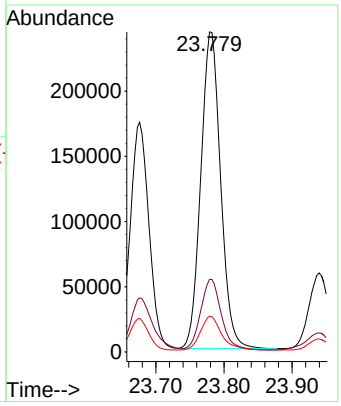


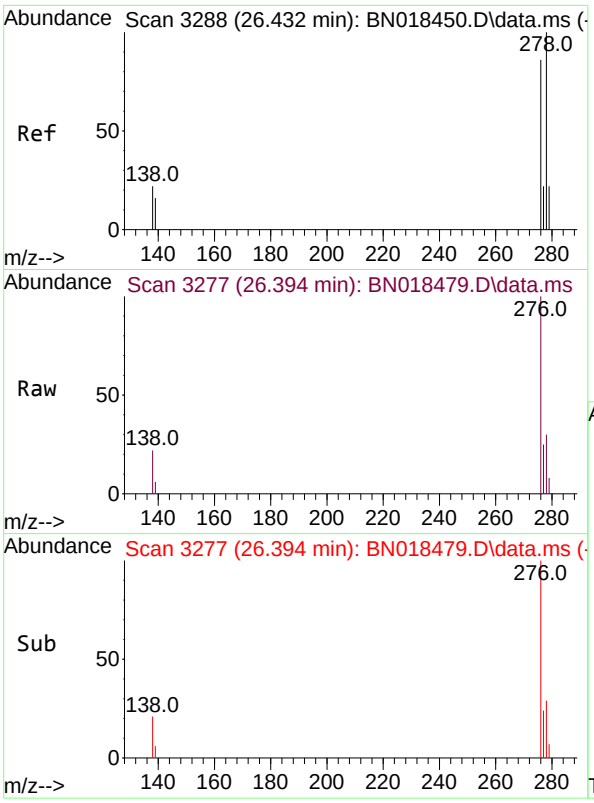


#39
Benzo(a)pyrene
Concen: 1.193 ng
RT: 23.779 min Scan# 2513
Delta R.T. -0.017 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:252 Resp: 489676

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	11.2	7.0	10.4#



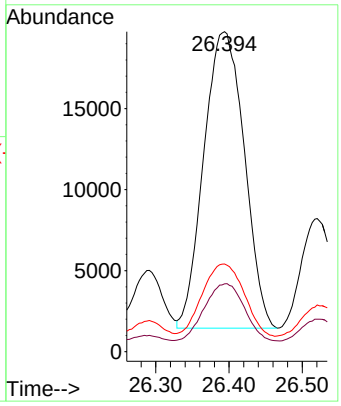


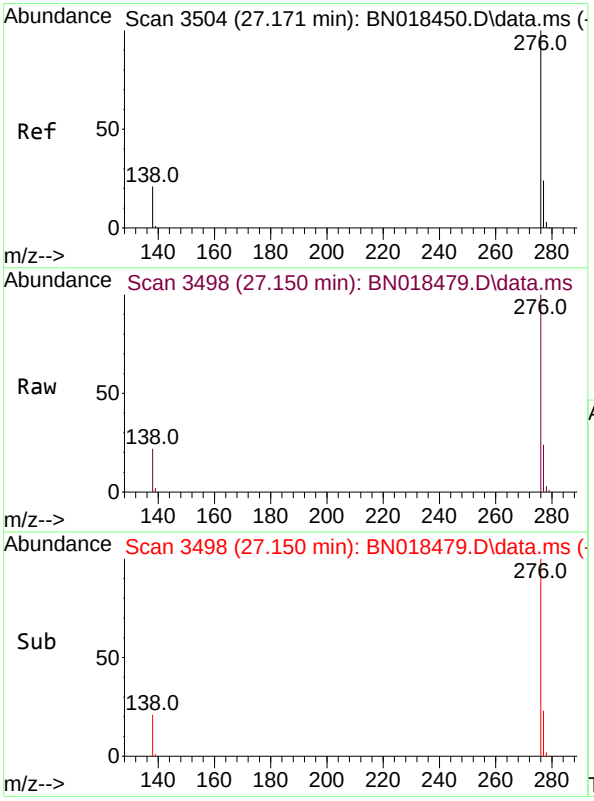
#40
Dibenzo(a,h)anthracene
Concen: 0.423 ng
RT: 26.394 min Scan# 3
Delta R.T. -0.038 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Instrument :
BNA_N
ClientSampleId :
SB-2(2.5-3)DL

Tgt Ion:278 Resp: 70236

Ion	Ratio	Lower	Upper
278	100		
139	21.2	10.8	16.2#
279	27.4	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.724 ng
RT: 27.150 min Scan# 3498
Delta R.T. -0.021 min
Lab File: BN018479.D
Acq: 26 Jan 2022 17:15

Tgt Ion:276 Resp: 203738

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	22.0	12.6	19.0#