Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018268.D
Acq On : 29 Dec 2021 19:25
Operator : CG/JU
Sample : M5224-06MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 02:23:46 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	31327	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	129956	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	78455	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	159775	0.400	ng	#	0.00
29) Chrysene-d12	21.196	240	166871	0.400	ng	#	0.00
35) Perylene-d12	23.420	264	170403	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.264	112	4383	0.070	ng		0.02
5) Phenol-d6	6.831	99	4282	0.071	ng		0.00
8) Nitrobenzene-d5	8.784	82	5070	0.190	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	16623	0.076	ng		0.00
14) 2,4,6-Tribromophenol	15.753	330	1833	0.348	ng		-0.01
15) 2-Fluorobiphenyl	12.899	172	20260	0.068	ng		0.00
27) Fluoranthene-d10	19.038	212	31874	0.063	ng		0.00
31) Terphenyl-d14	19.644	244	30196	0.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	1589	0.089	ng	#	60
3) n-Nitrosodimethylamine	3.521	42	2072	0.081	ng	#	80
6) bis(2-Chloroethyl)ether	7.080	93	6932	0.093	ng		98
9) Naphthalene	10.457	128	1115142	3.470	ng		99
10) Hexachlorobutadiene	10.762	225	7266	0.081	ng	#	99
12) 2-Methylnaphthalene	12.083	142	339263	1.647	ng		99
16) Acenaphthylene	13.977	152	288229	1.044	ng		97
17) Acenaphthene	14.320	154	451104	2.226	ng		99
18) Fluorene	15.309	166	554109	2.322	ng		98
20) 4,6-Dinitro-2-methylph...	15.461	198	241	0.277	ng	#	1
21) 4-Bromophenyl-phenylether	16.202	248	8350	0.086	ng	#	91
22) Hexachlorobenzene	16.324	284	9802	0.079	ng	#	95
23) Atrazine	16.482	200	6290	0.213	ng		96
24) Pentachlorophenol	16.665	266	4049	0.438	ng		98
25) Phenanthrene	17.042	178	6717255	15.947	ng		99
26) Anthracene	17.139	178	1534251	3.980	ng	#	92
28) Fluoranthene	19.073	202	7015742	14.222	ng		97
30) Pyrene	19.430	202	6783151	10.366	ng	#	93
32) Benzo(a)anthracene	21.174	228	3590226	6.717	ng		97
33) Chrysene	21.227	228	3519272	6.551	ng		97
34) Bis(2-ethylhexyl)phtha...	21.121	149	878986	4.220	ng		98
36) Indeno(1,2,3-cd)pyrene	25.679	276	1464997	3.600	ng		97
37) Benzo(b)fluoranthene	22.755	252	3822189	7.058	ng		99
39) Benzo(a)pyrene	23.324	252	2859914	6.070	ng		98
40) Dibenzo(a,h)anthracene	25.689	278	392910	1.354	ng		97
41) Benzo(g,h,i)perylene	26.373	276	1410139	3.474	ng		99

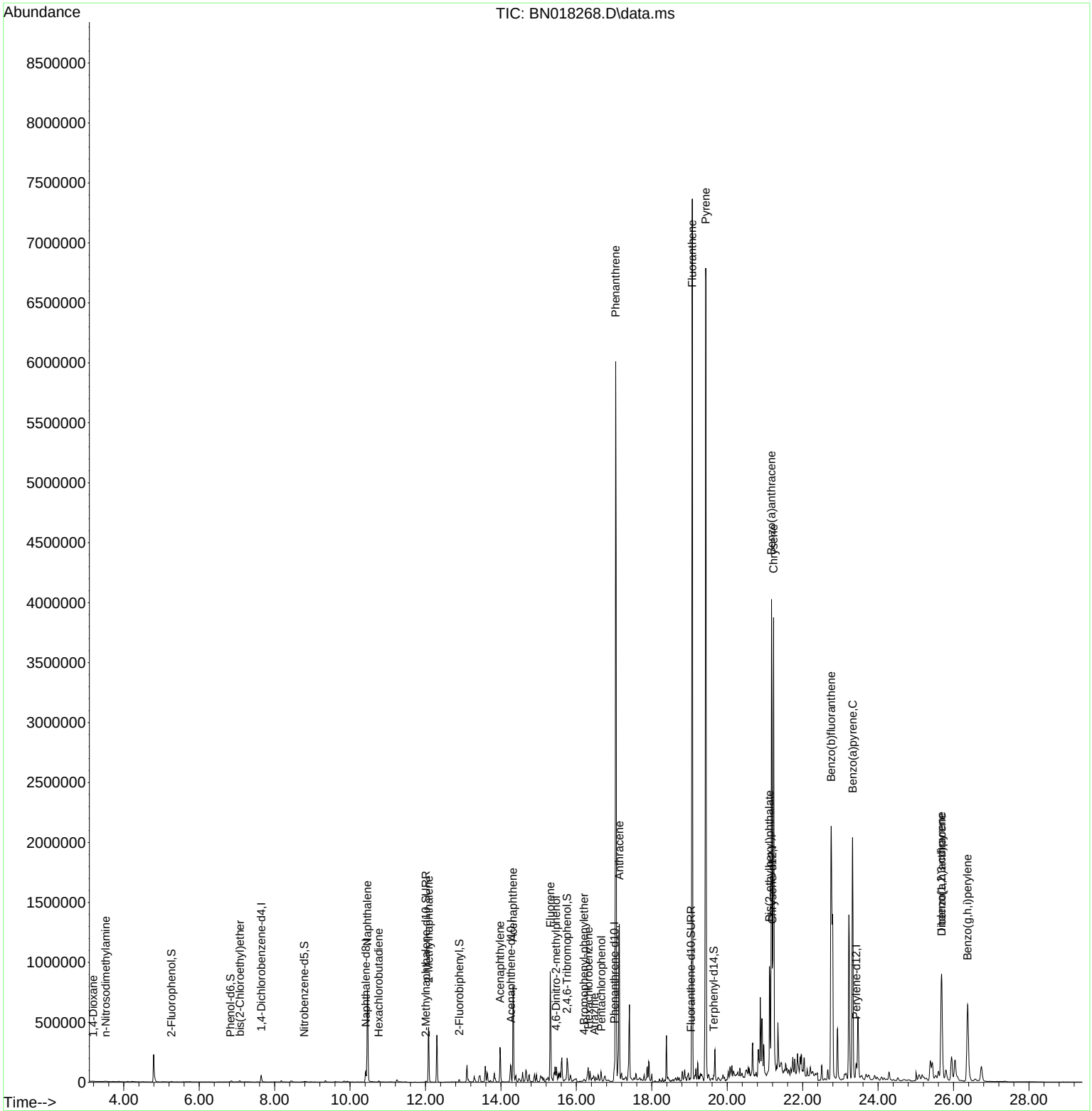
(#) = qualifier out of range (m) = manual integration (+) = signals summed

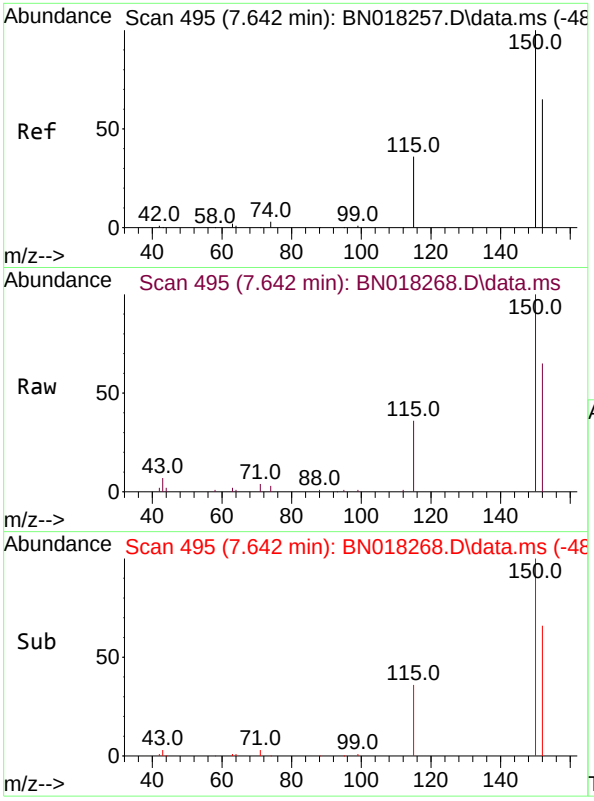
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018268.D
Acq On : 29 Dec 2021 19:25
Operator : CG/JU
Sample : M5224-06MSD 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Dec 30 02:23:46 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



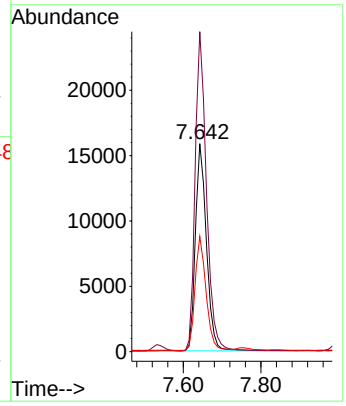


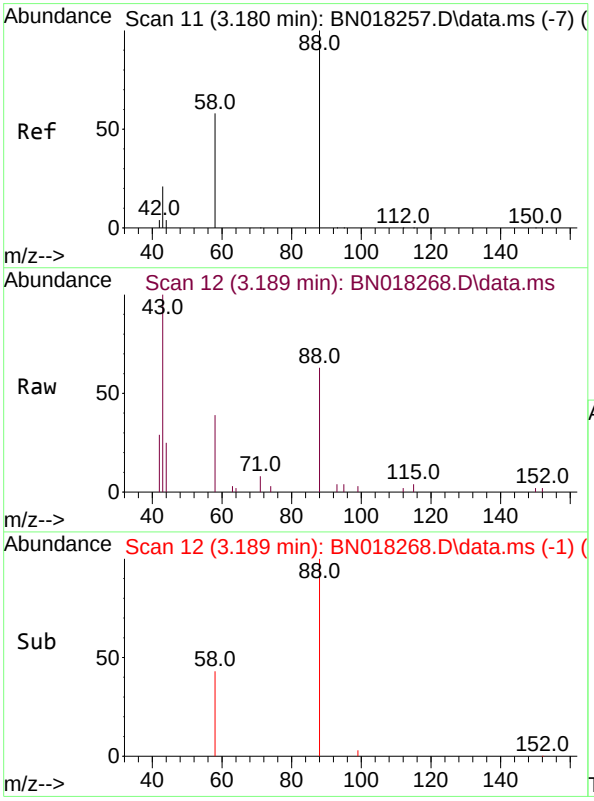
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 31327

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.7	182.5
115	55.4	43.8	65.8

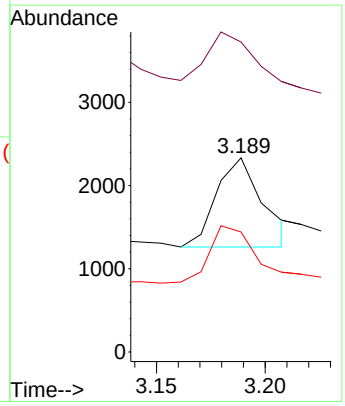


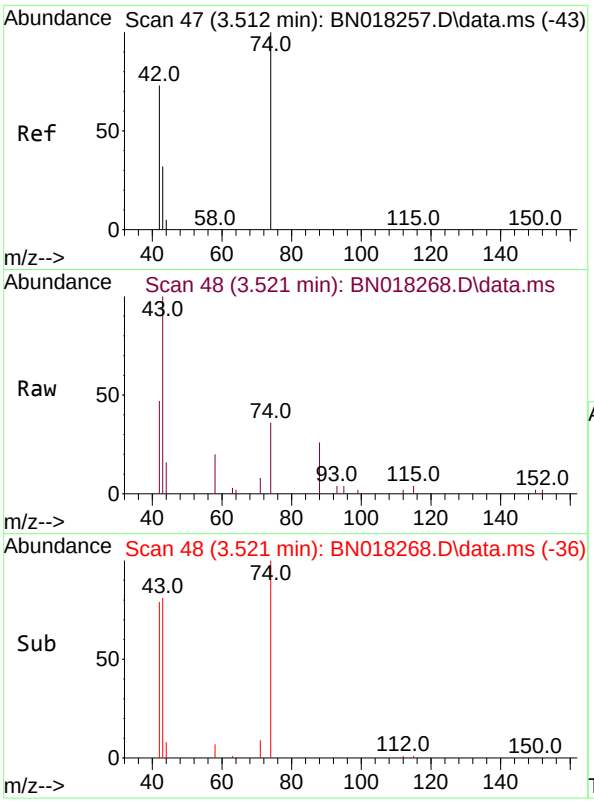


#2
1,4-Dioxane
Concen: 0.089 ng
RT: 3.189 min Scan# 12
Delta R.T. 0.009 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion: 88 Resp: 1589

Ion	Ratio	Lower	Upper
88	100		
43	50.5	69.7	104.5#
58	63.1	83.8	125.8#



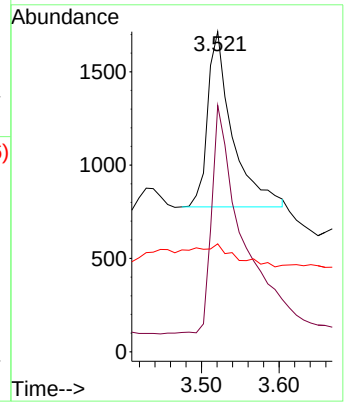


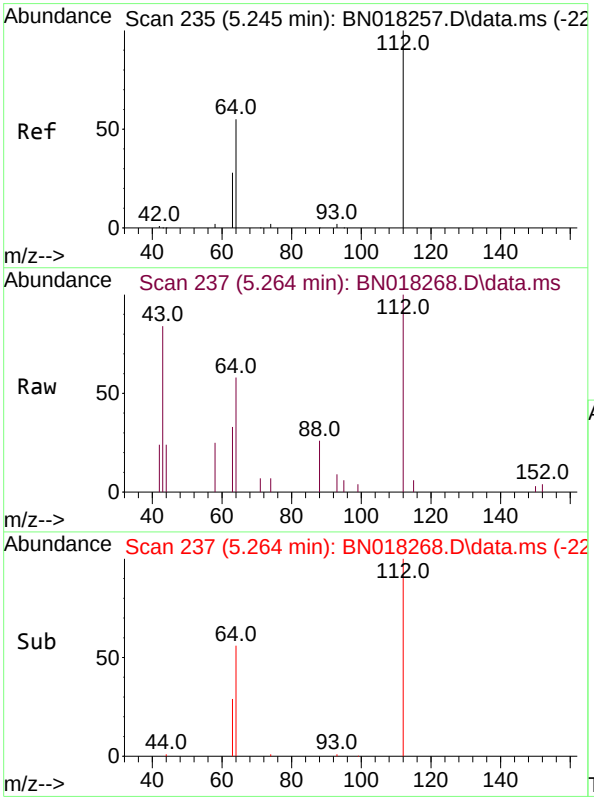
#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.521 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 2072

Ion	Ratio	Lower	Upper
42	100		
74	160.2	108.6	163.0
44	0.0	5.8	8.8#

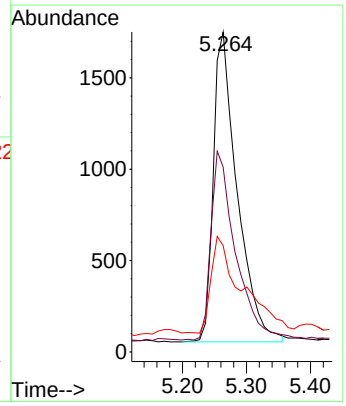


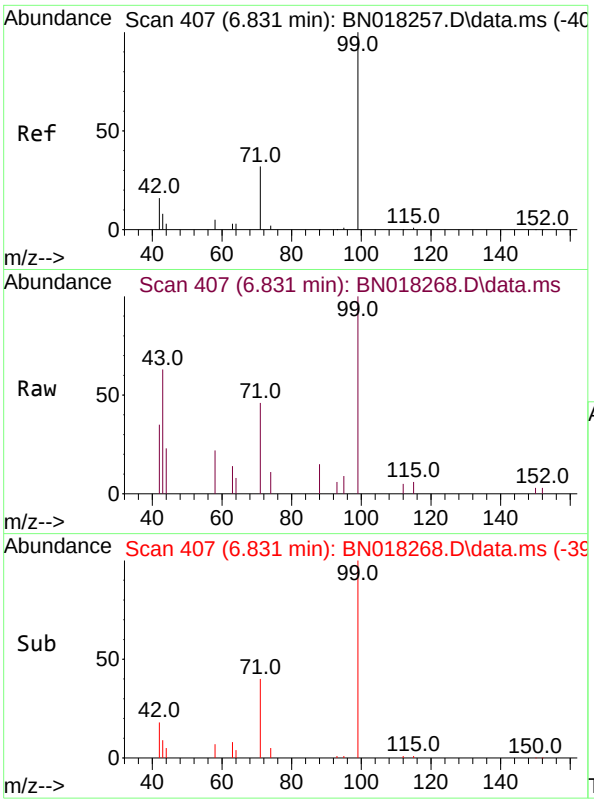


#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.264 min Scan# 237
Delta R.T. 0.019 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:112 Resp: 4383

Ion	Ratio	Lower	Upper
112	100		
64	62.8	48.0	72.0
63	40.5	25.3	37.9#



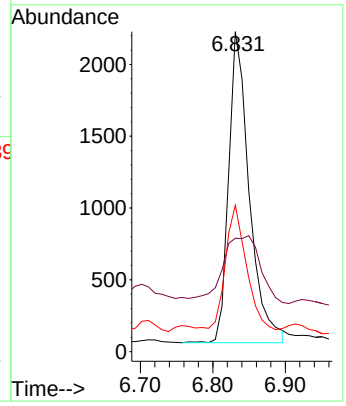


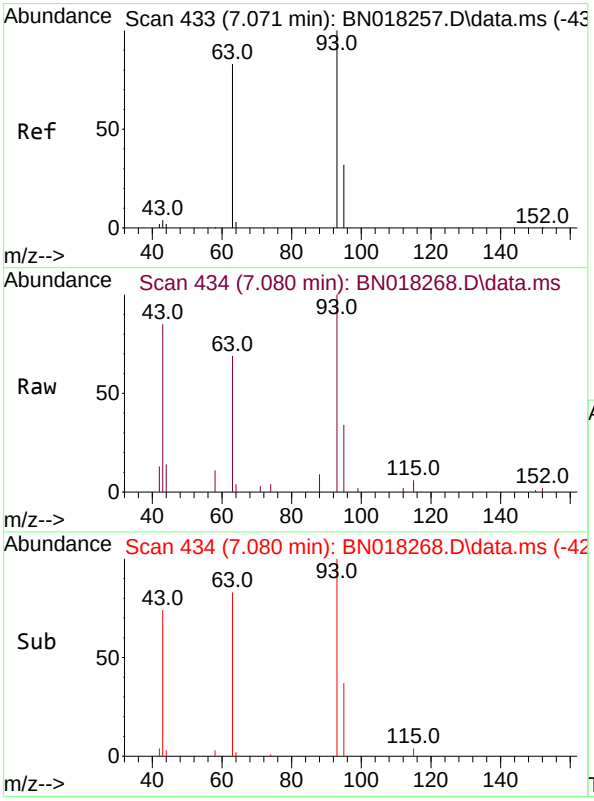
#5
Phenol-d6
Concen: 0.071 ng
RT: 6.831 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 4282

Ion	Ratio	Lower	Upper
99	100		
42	38.5	16.3	24.5#
71	40.2	26.8	40.2

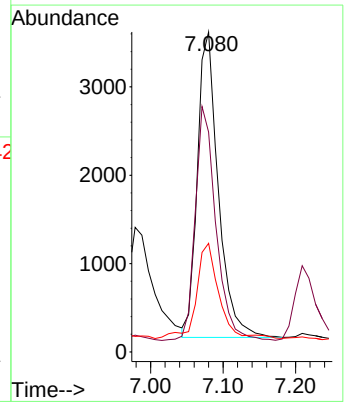


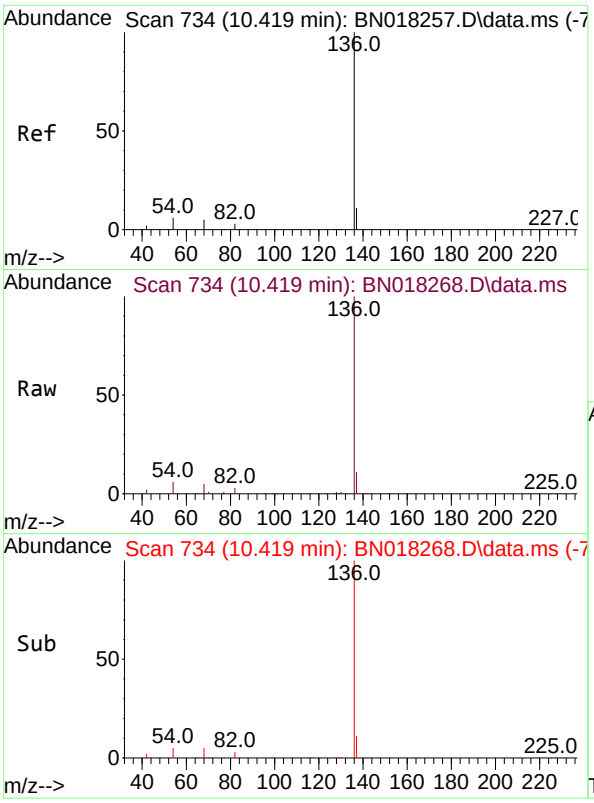


#6
bis(2-Chloroethyl)ether
Concen: 0.093 ng
RT: 7.080 min Scan# 434
Delta R.T. 0.009 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion: 93 Resp: 6932

Ion	Ratio	Lower	Upper
93	100		
63	75.8	61.7	92.5
95	33.9	26.2	39.4



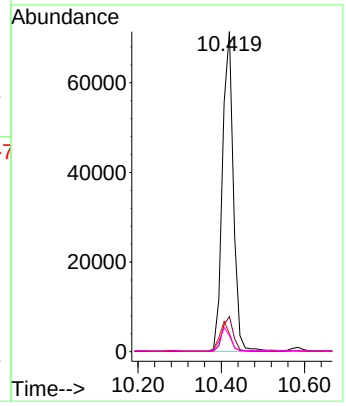


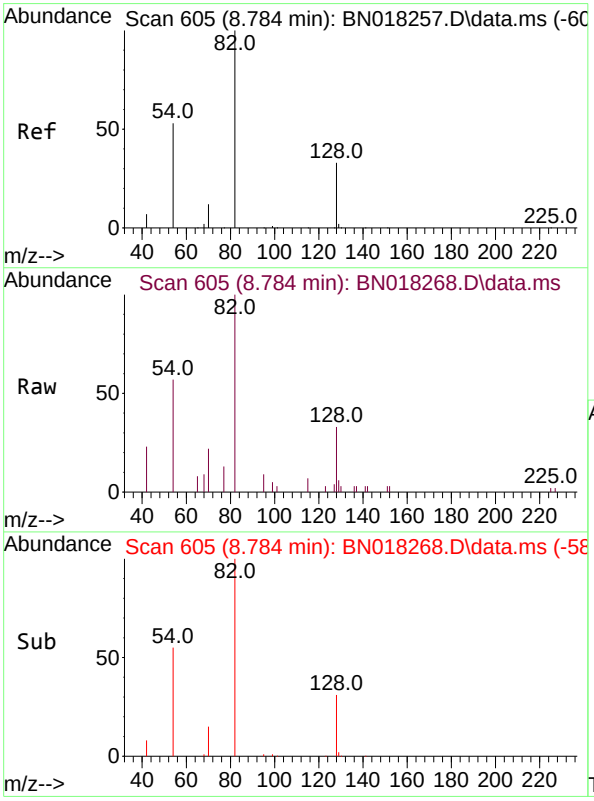
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 129956

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.6	5.0	7.6
68	5.0	4.4	6.6

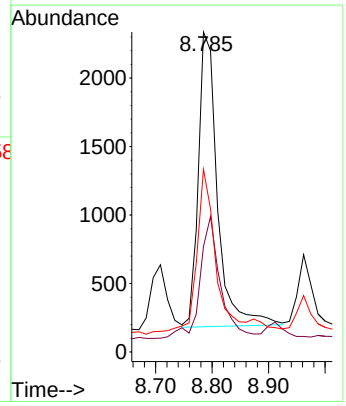


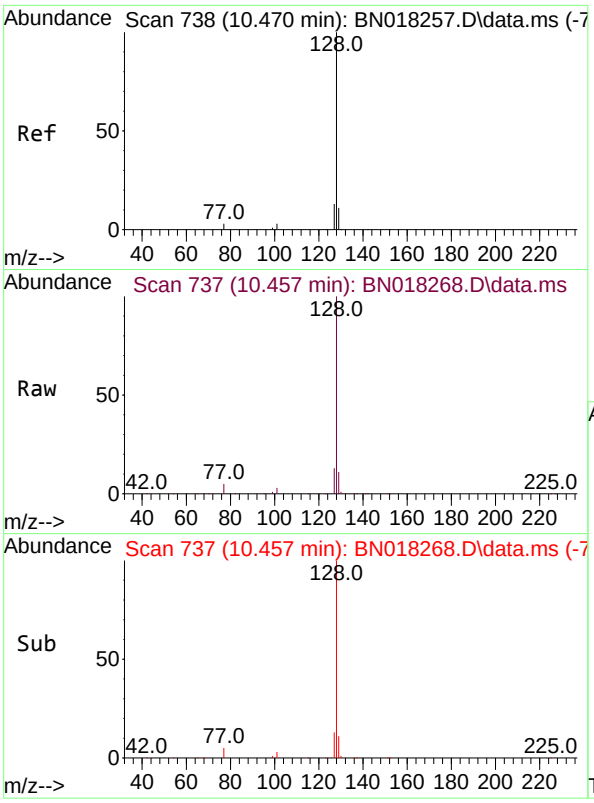


#8
Nitrobenzene-d5
Concen: 0.190 ng
RT: 8.784 min Scan# 605
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion: 82 Resp: 5070

Ion	Ratio	Lower	Upper
82	100		
128	33.0	33.7	50.5#
54	57.0	36.6	55.0#



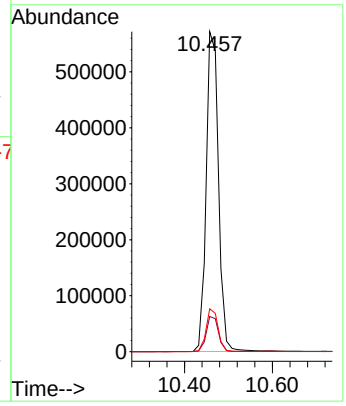


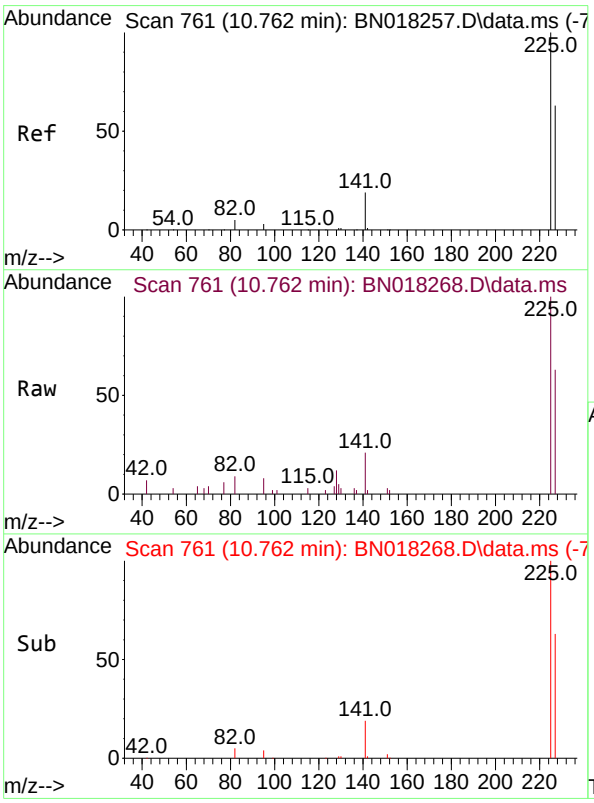
#9
Naphthalene
Concen: 3.470 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 1115142

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.4	10.4	15.6

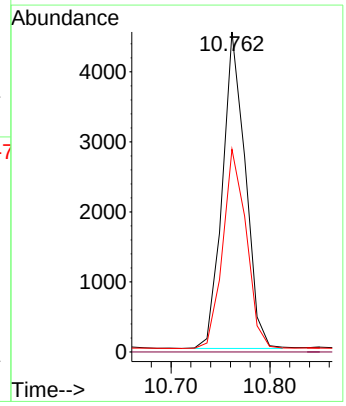


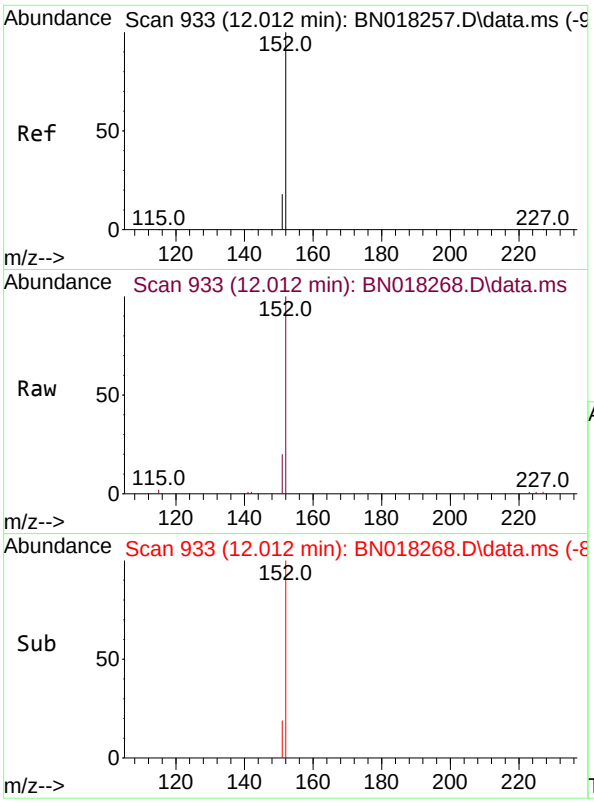


#10
Hexachlorobutadiene
Concen: 0.081 ng
RT: 10.762 min Scan# 761
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:225 Resp: 7266

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.0	76.6



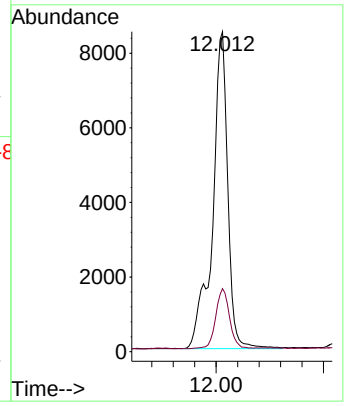


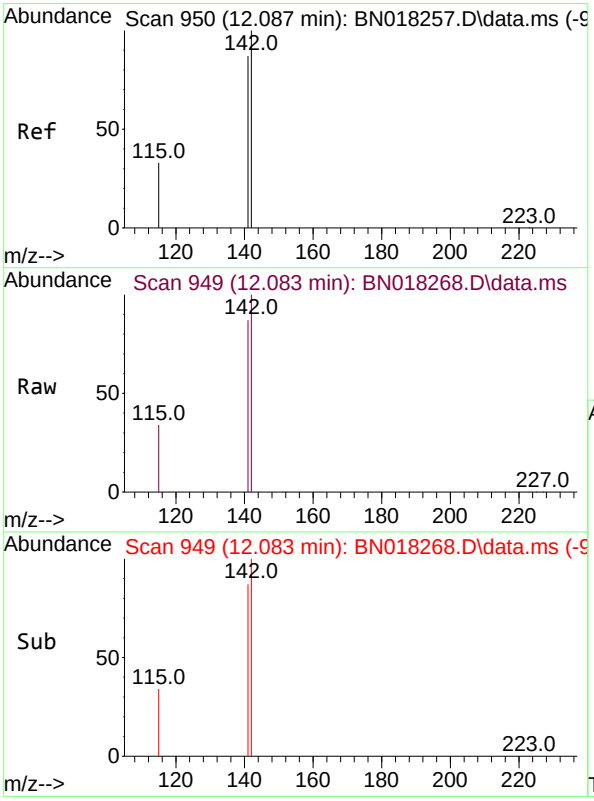
#11
2-Methylnaphthalene-d10
Concen: 0.076 ng
RT: 12.012 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 16623

Ion	Ratio	Lower	Upper
152	100		
151	17.3	16.2	24.2

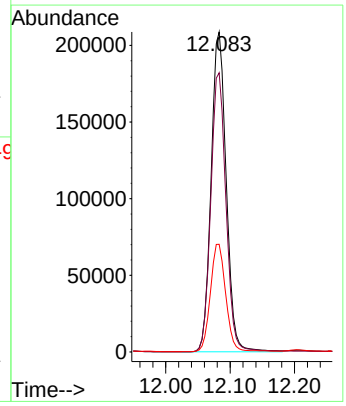


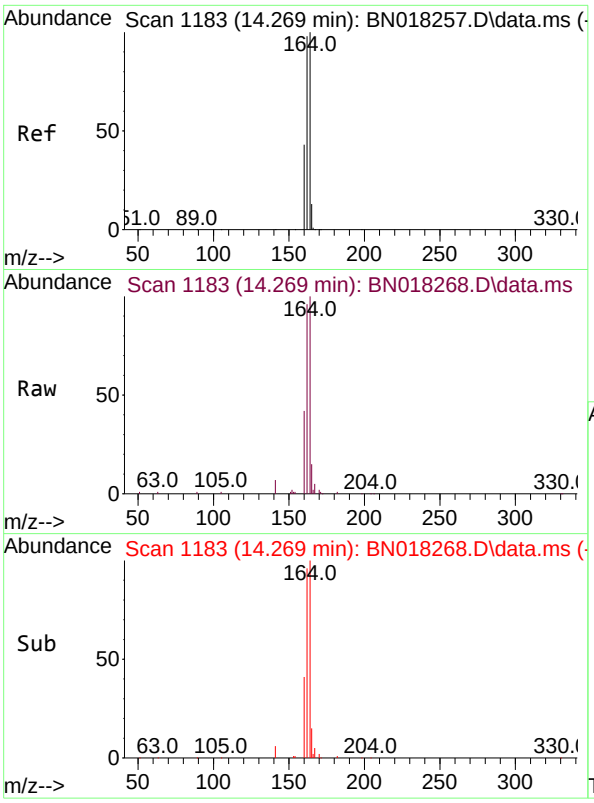


#12
2-Methylnaphthalene
Concen: 1.647 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:142 Resp: 339263

Ion	Ratio	Lower	Upper
142	100		
141	87.2	70.0	105.0
115	33.7	27.8	41.8



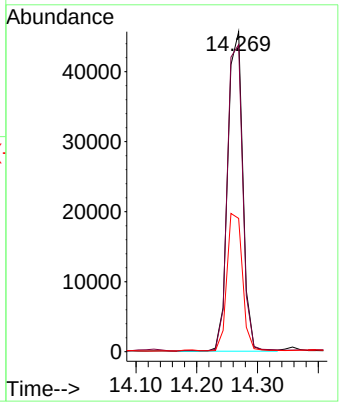


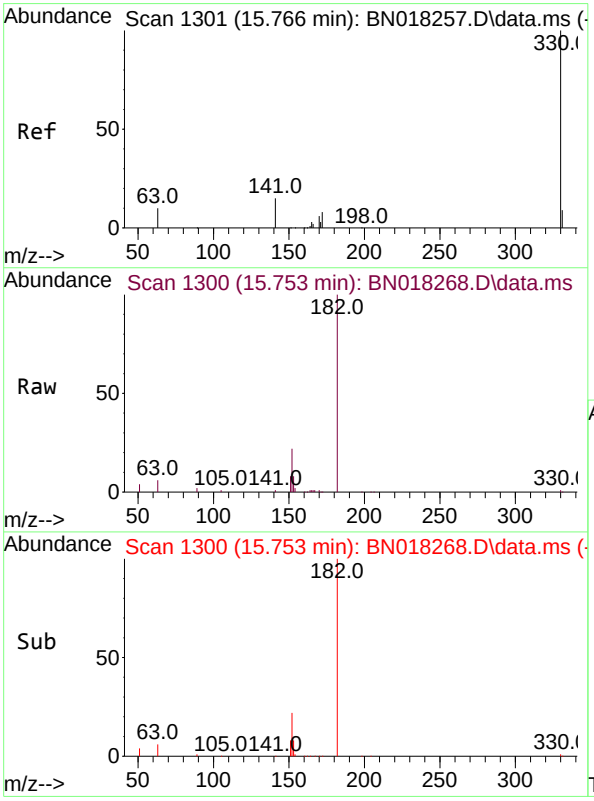
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 78455

Ion	Ratio	Lower	Upper
164	100		
162	96.0	80.2	120.2
160	41.7	36.9	55.3

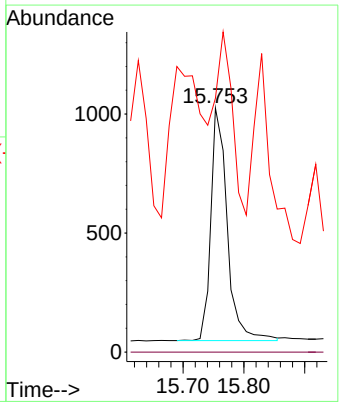


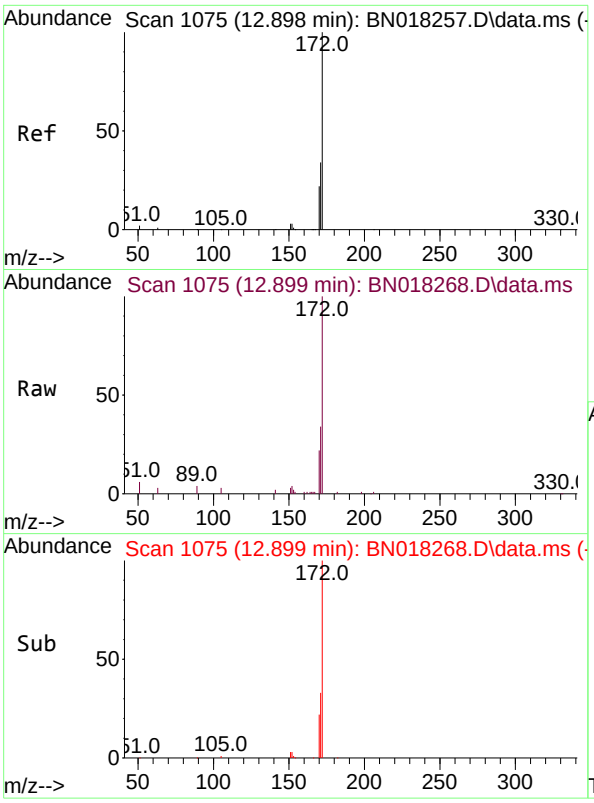


#14
2,4,6-Tribromophenol
Concen: 0.348 ng
RT: 15.753 min Scan# 1300
Delta R.T. -0.013 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:330 Resp: 1833

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	78.5	21.3	31.9#



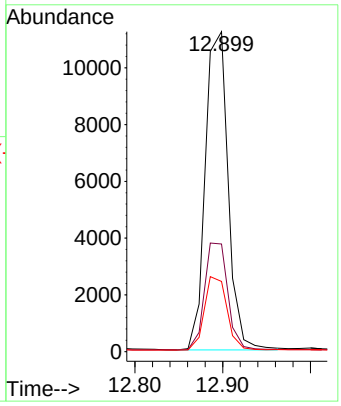


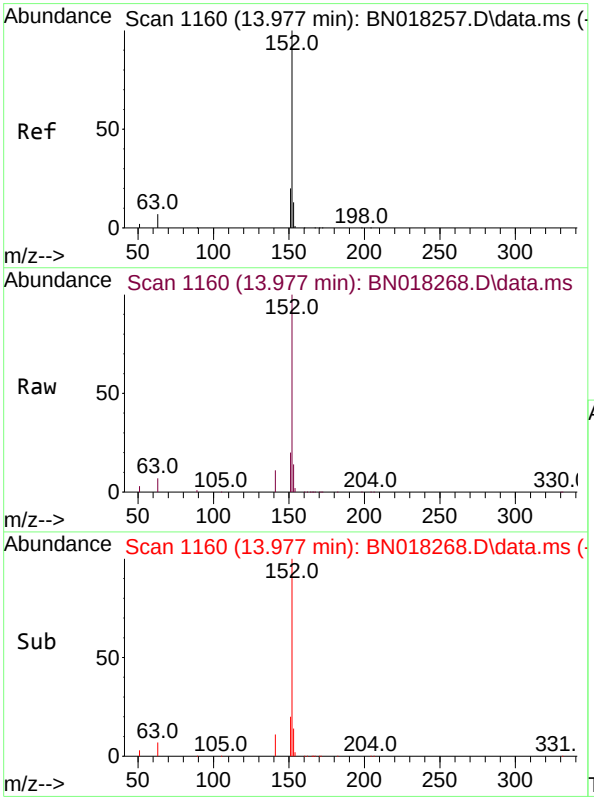
#15
2-Fluorobiphenyl
Concen: 0.068 ng
RT: 12.899 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 20260

Ion	Ratio	Lower	Upper
172	100		
171	33.6	27.4	41.0
170	22.0	18.4	27.6

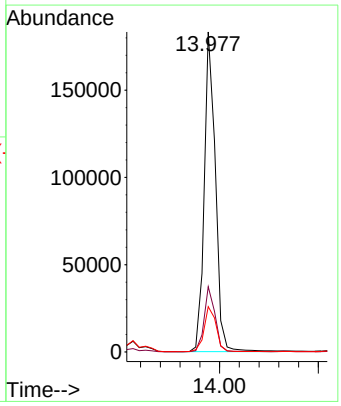


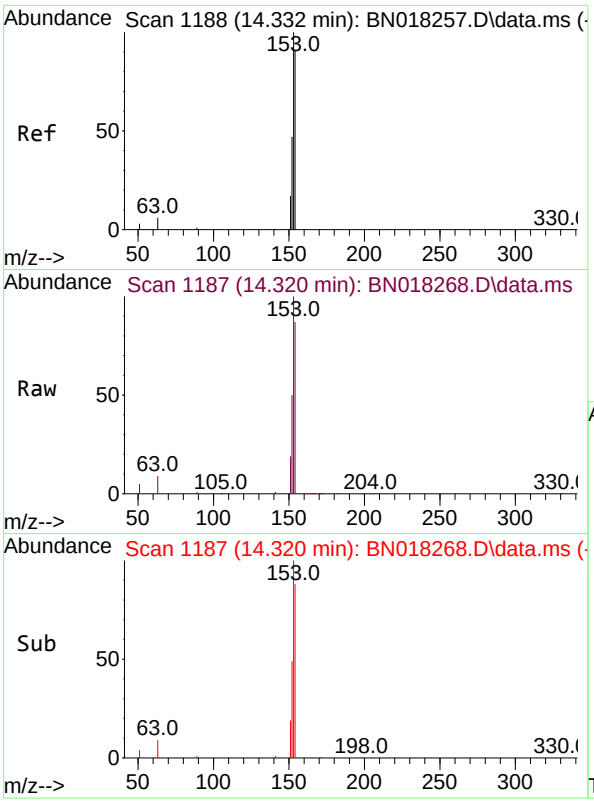


#16
Acenaphthylene
Concen: 1.044 ng
RT: 13.977 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:152 Resp: 288229

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	15.3	10.5	15.7



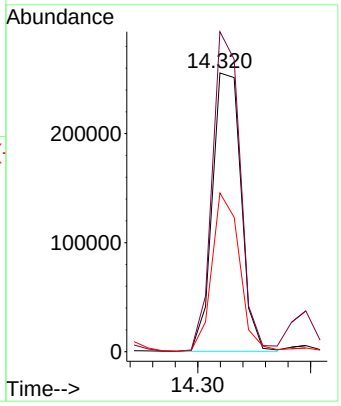


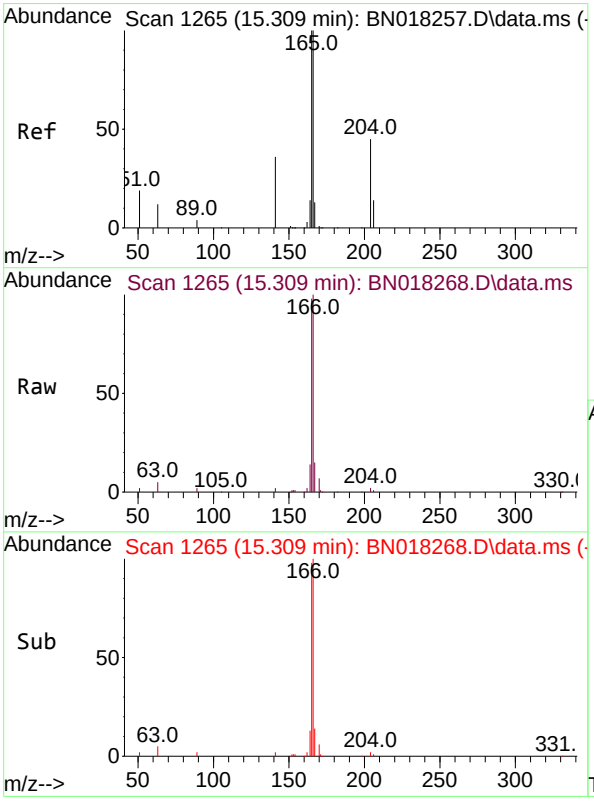
#17
Acenaphthene
Concen: 2.226 ng
RT: 14.320 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 451104

Ion	Ratio	Lower	Upper
154	100		
153	112.2	90.9	136.3
152	55.3	45.0	67.4

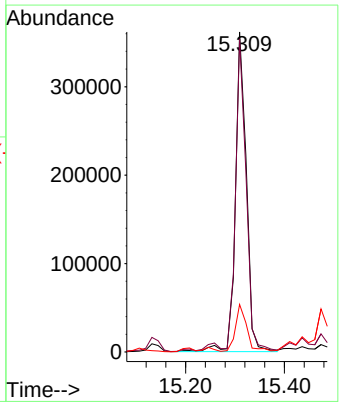


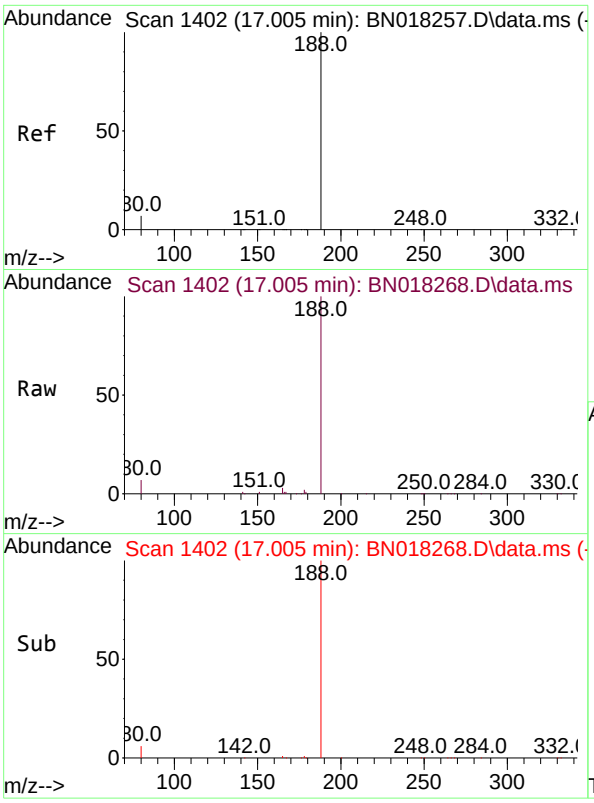


#18
Fluorene
Concen: 2.322 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:166 Resp: 554109

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	15.2	10.9	16.3



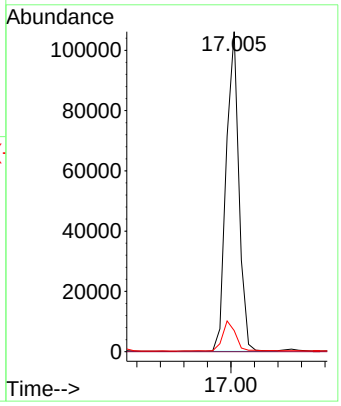


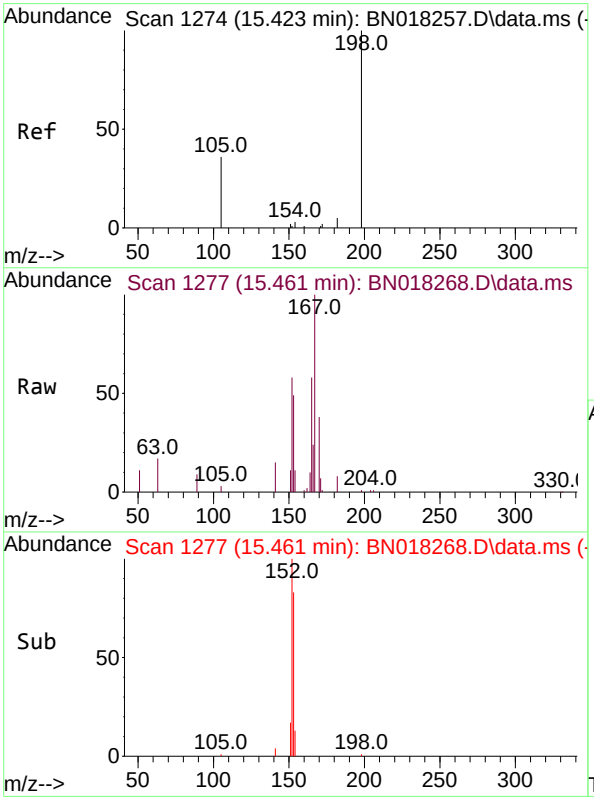
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 159775

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.6	7.0	10.4#

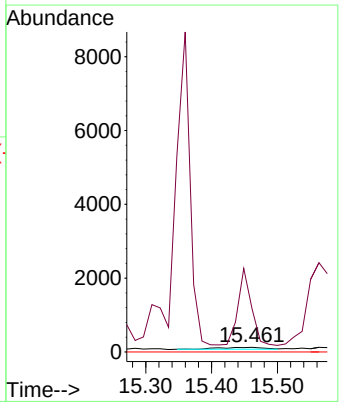


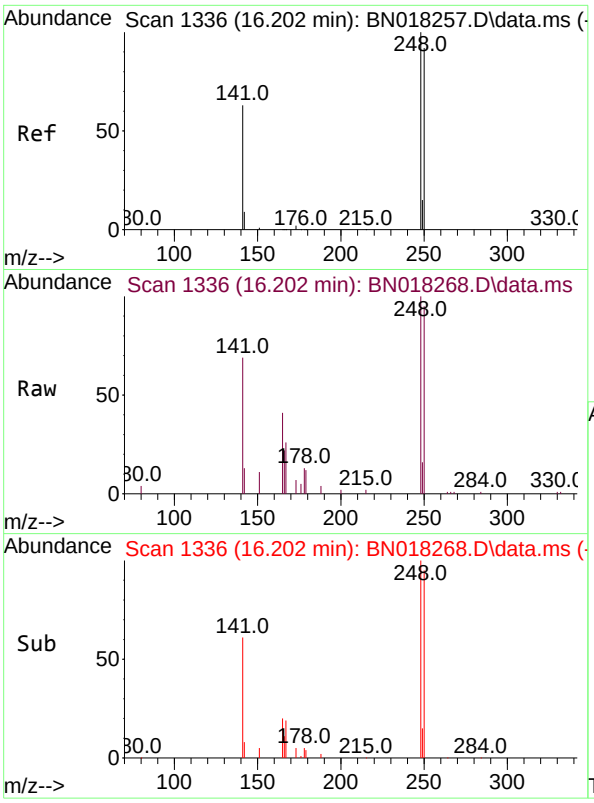


#20
4,6-Dinitro-2-methylphenol
Concen: 0.277 ng
RT: 15.461 min Scan# 1277
Delta R.T. 0.038 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:198 Resp: 241

Ion	Ratio	Lower	Upper
198	100		
182	927.0	15.5	23.3#
77	0.0	0.0	0.0



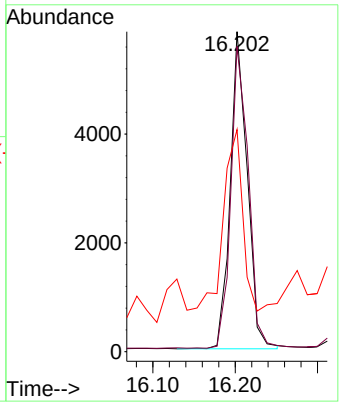


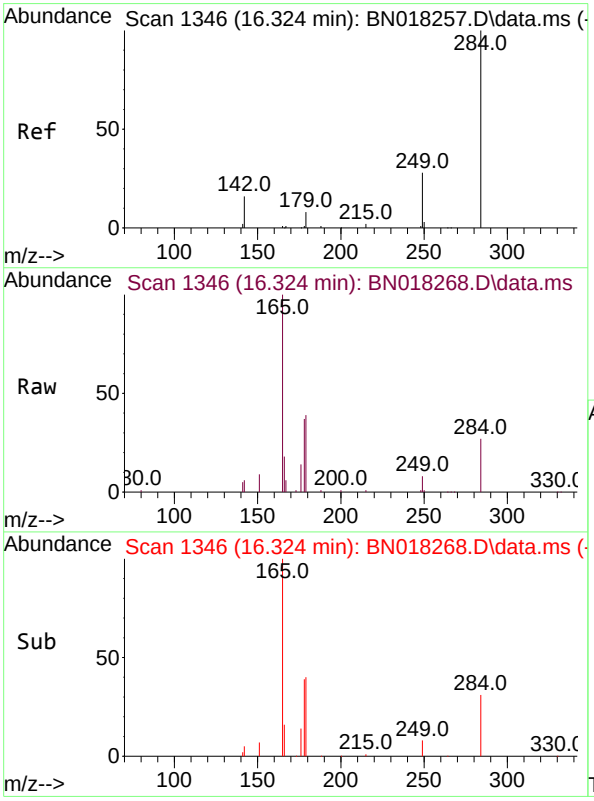
#21
4-Bromophenyl-phenylether
Concen: 0.086 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 8350

Ion	Ratio	Lower	Upper
248	100		
250	95.4	74.4	111.6
141	69.4	43.7	65.5#

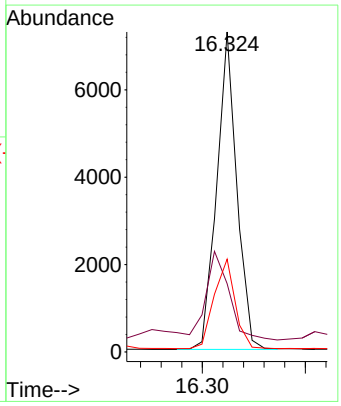


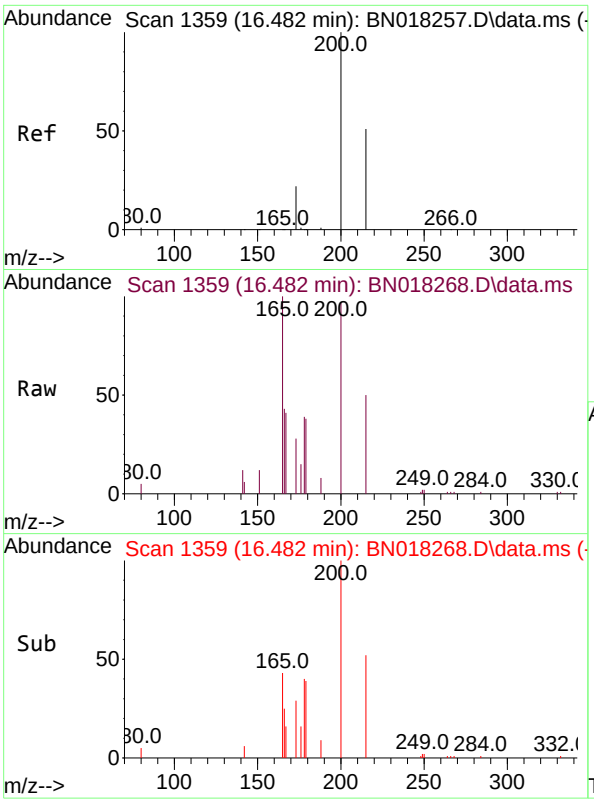


#22
Hexachlorobenzene
Concen: 0.079 ng
RT: 16.324 min Scan# 1346
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:284 Resp: 9802

Ion	Ratio	Lower	Upper
284	100		
142	32.6	21.6	32.4#
249	29.6	23.5	35.3



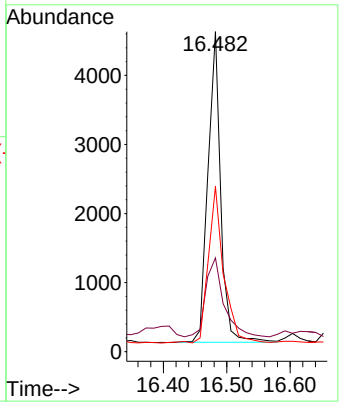


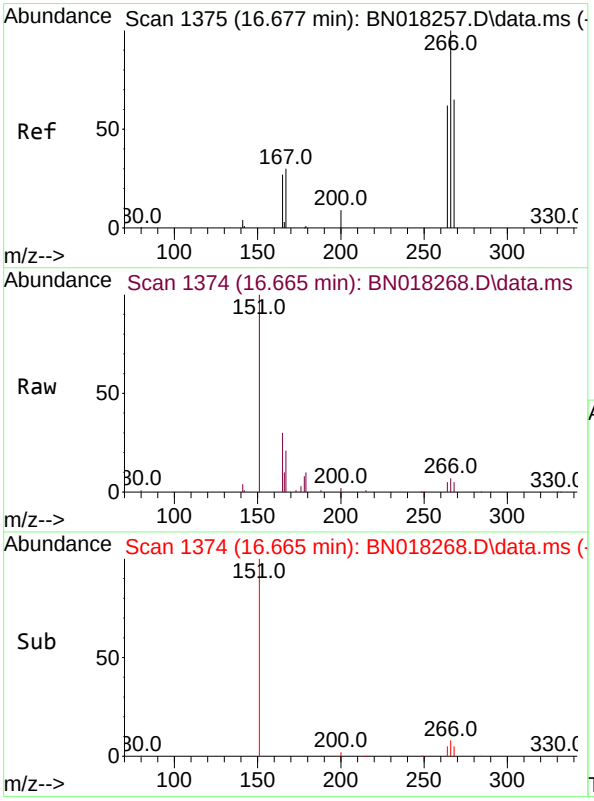
#23
Atrazine
Concen: 0.213 ng
RT: 16.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 6290

Ion	Ratio	Lower	Upper
200	100		
173	29.3	20.3	30.5
215	51.7	40.4	60.6

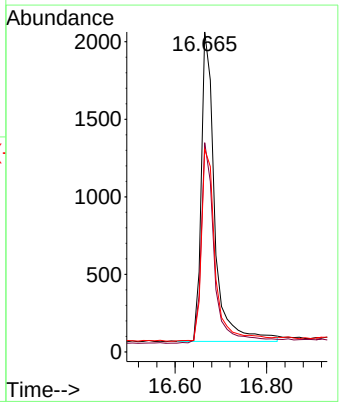


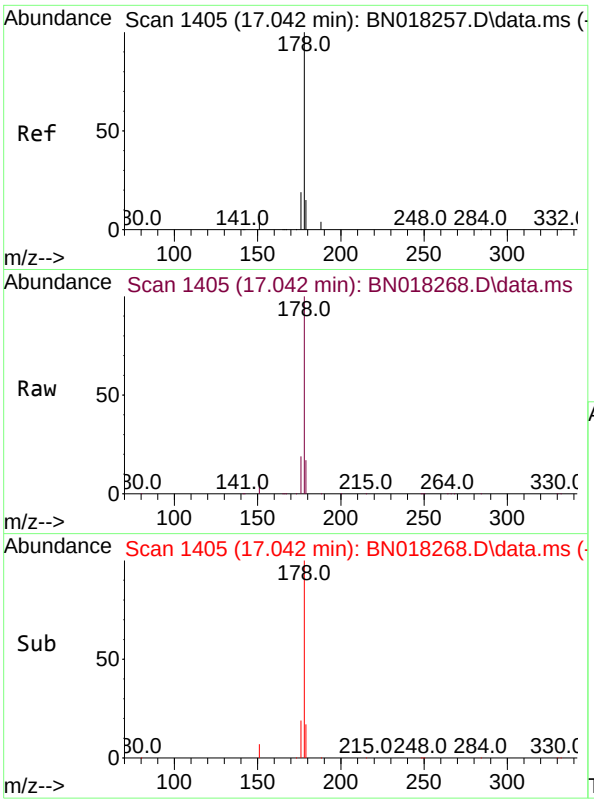


#24
Pentachlorophenol
Concen: 0.438 ng
RT: 16.665 min Scan# 1374
Delta R.T. -0.012 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:266 Resp: 4049

Ion	Ratio	Lower	Upper
266	100		
264	64.4	49.5	74.3
268	63.9	50.6	76.0



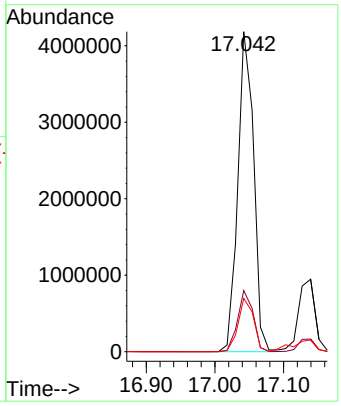


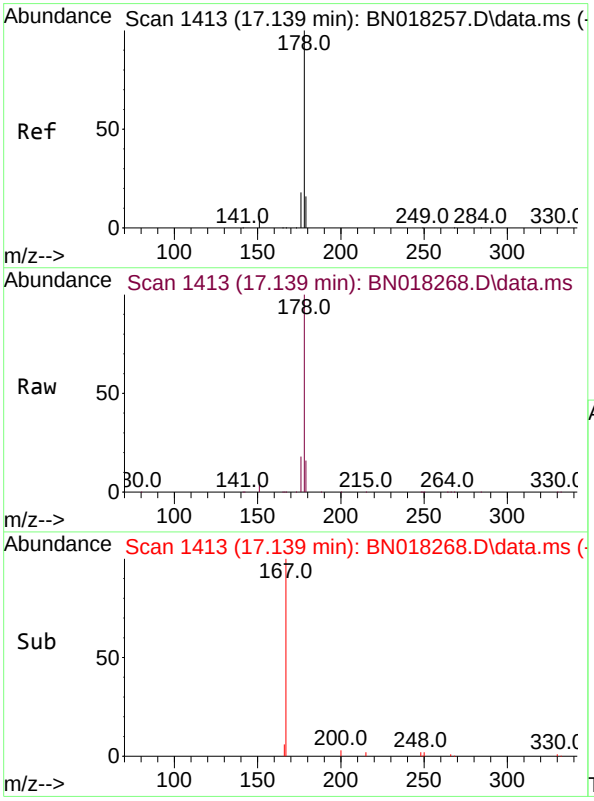
#25
Phenanthrene
Concen: 15.947 ng
RT: 17.042 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 6717255

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	16.4	12.3	18.5

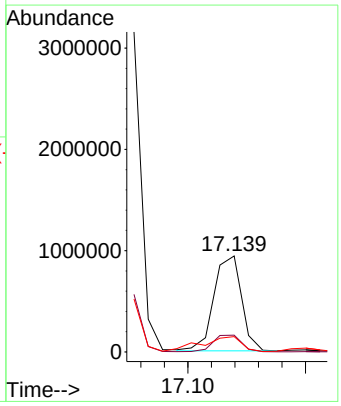


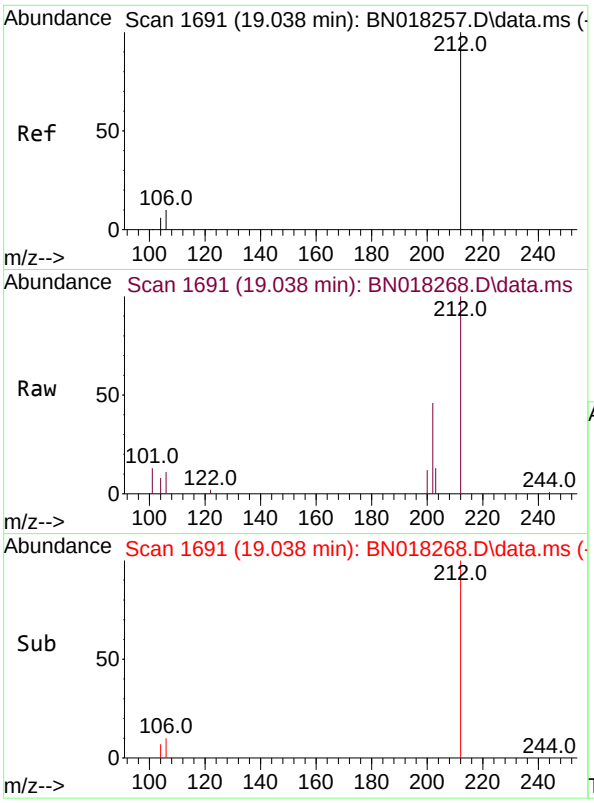


#26
Anthracene
Concen: 3.980 ng
RT: 17.139 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:178 Resp: 1534251

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	22.5	12.2	18.4#



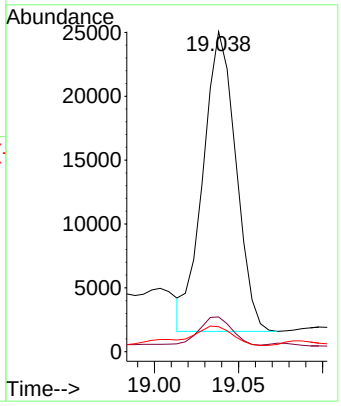


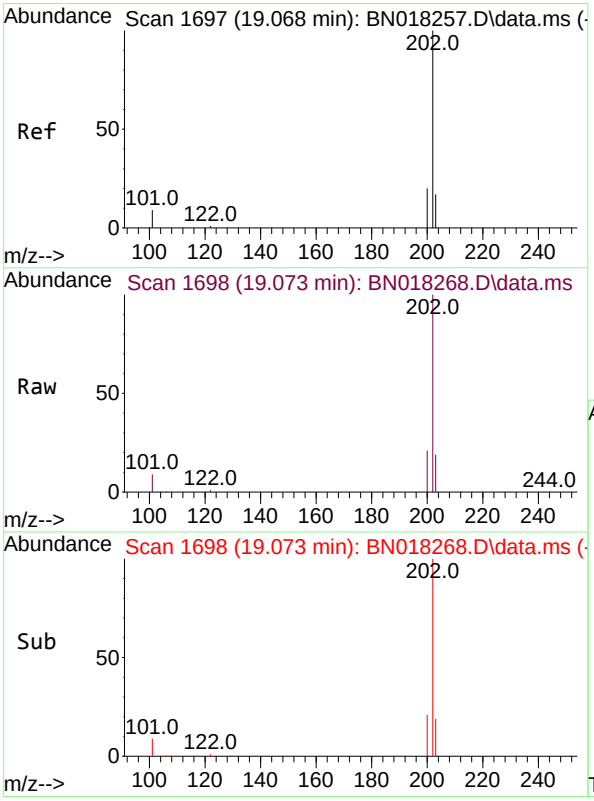
#27
Fluoranthene-d10
Concen: 0.063 ng
RT: 19.038 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 31874

Ion	Ratio	Lower	Upper
212	100		
106	9.4	8.4	12.6
104	9.5	4.5	6.7#

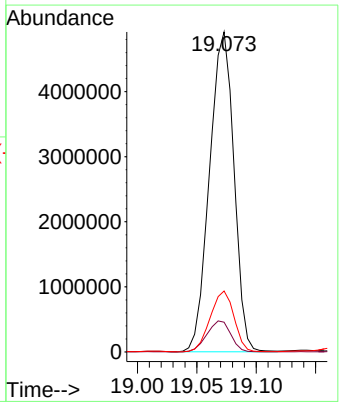


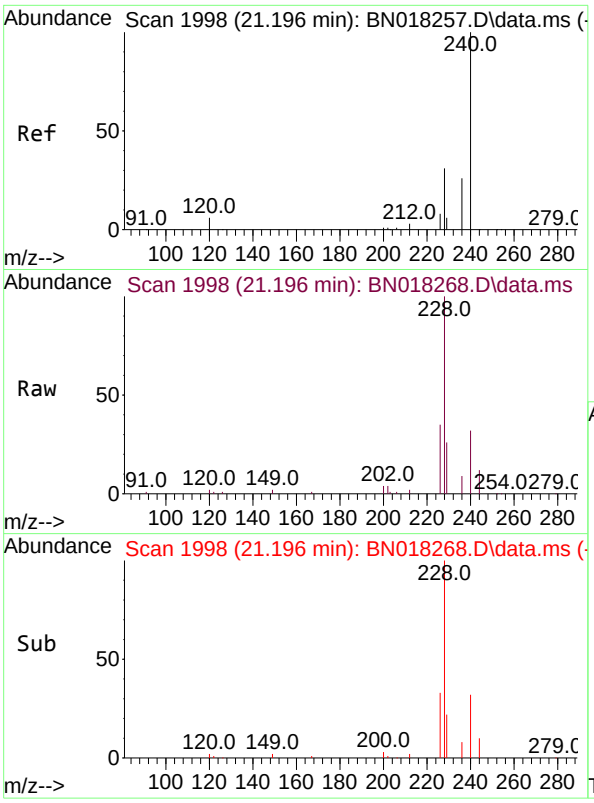


#28
Fluoranthene
Concen: 14.222 ng
RT: 19.073 min Scan# 1698
Delta R.T. 0.005 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:202 Resp: 7015742

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.2	10.8
203	18.5	13.7	20.5



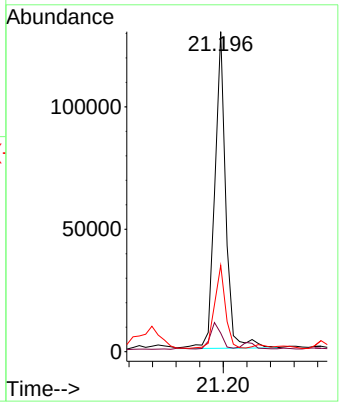


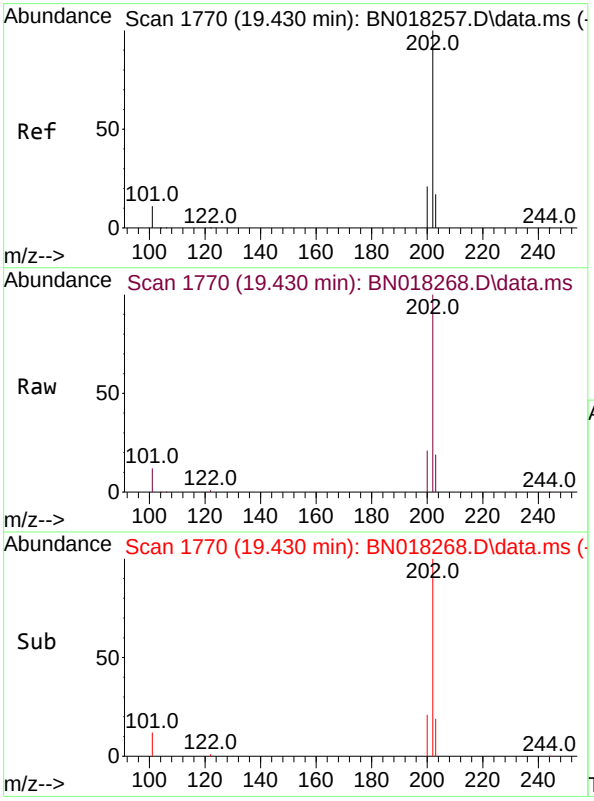
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 166871

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.0	9.0#
236	26.9	21.4	32.2

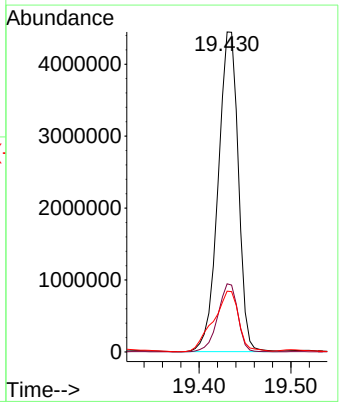


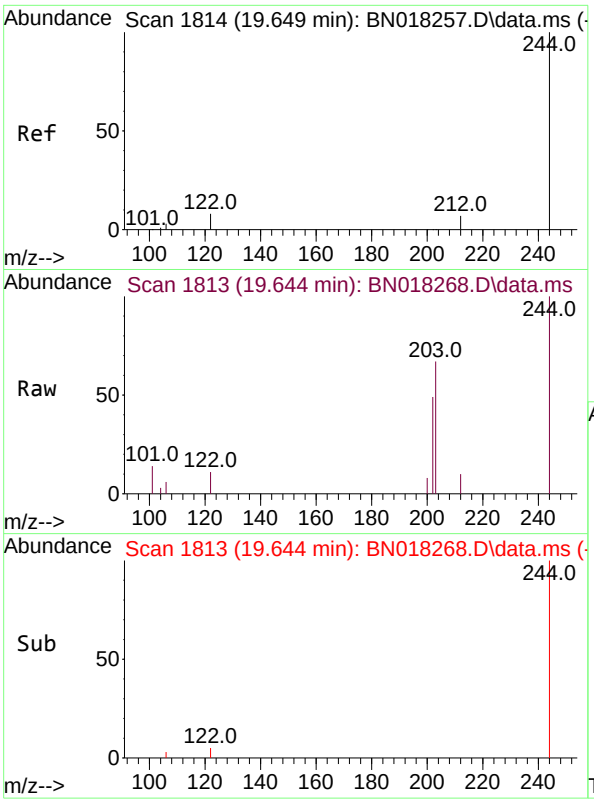


#30
Pyrene
Concen: 10.366 ng
RT: 19.430 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:202 Resp: 6783151

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	23.8	14.1	21.1#



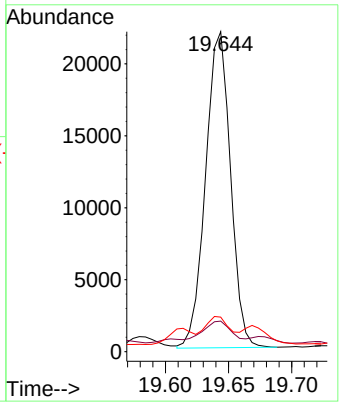


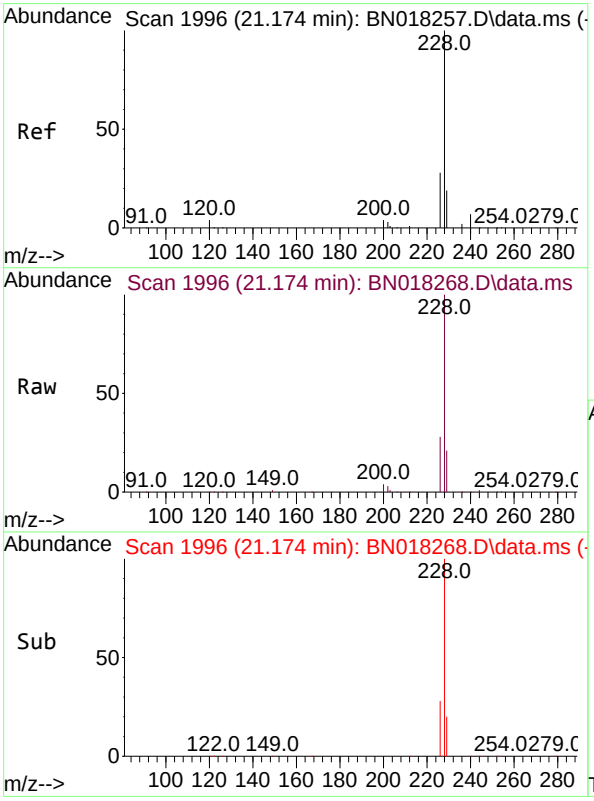
#31
Terphenyl-d14
Concen: 0.071 ng
RT: 19.644 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 30196

Ion	Ratio	Lower	Upper
244	100		
212	9.5	6.2	9.2#
122	10.8	7.9	11.9

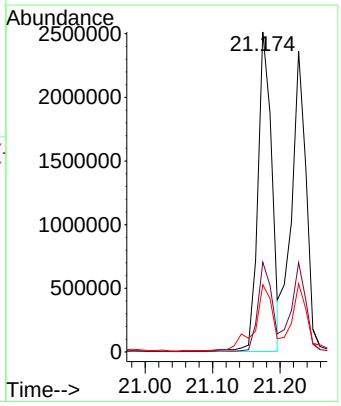


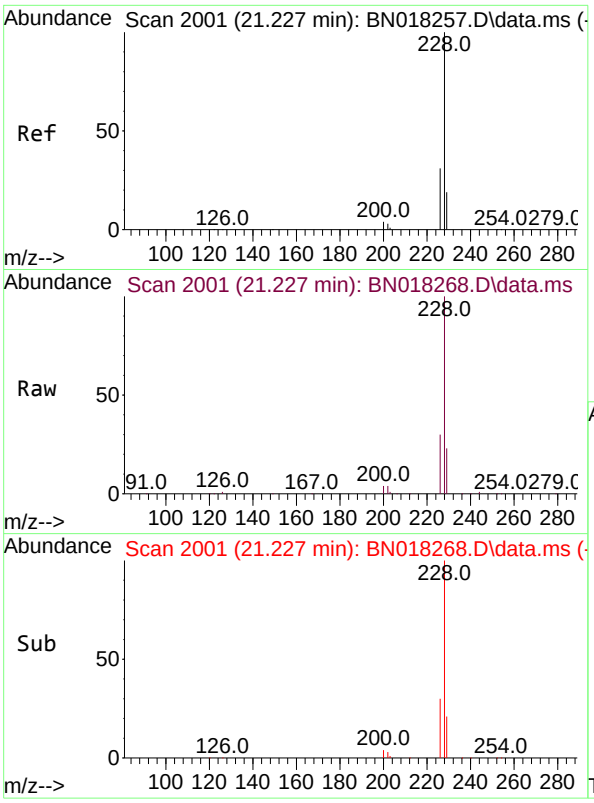


#32
Benzo(a)anthracene
Concen: 6.717 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:228 Resp: 3590226

Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.3	31.9
229	21.0	15.9	23.9



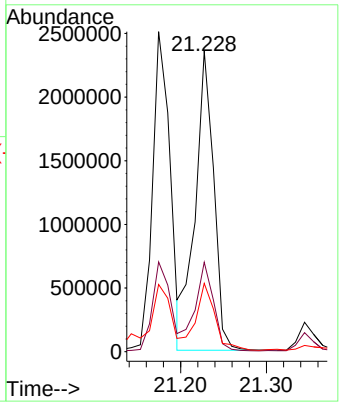


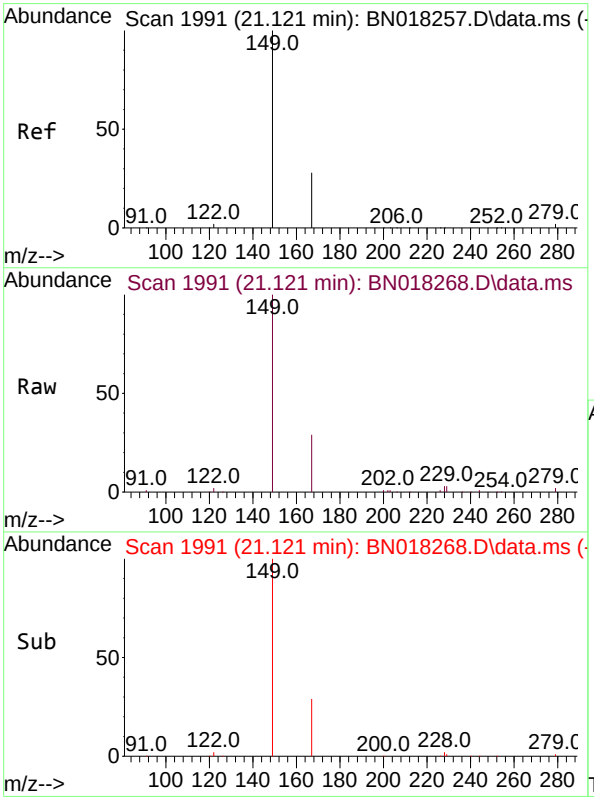
#33
Chrysene
Concen: 6.551 ng
RT: 21.227 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 3519272

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.4
229	22.7	15.5	23.3

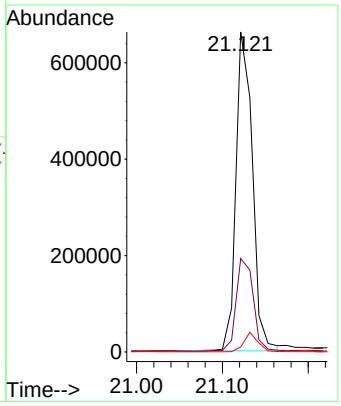


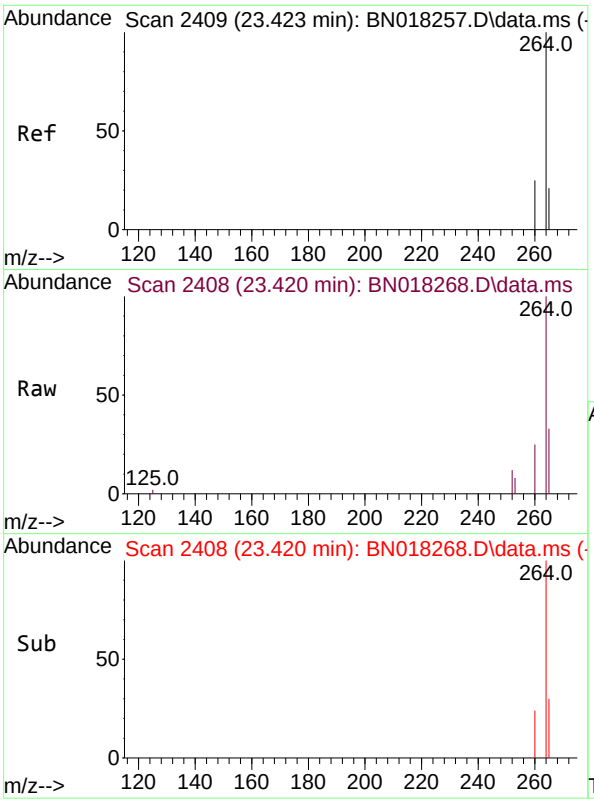


#34
Bis(2-ethylhexyl)phthalate
Concen: 4.220 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:149 Resp: 878986

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.7	35.5
279	5.2	3.6	5.4



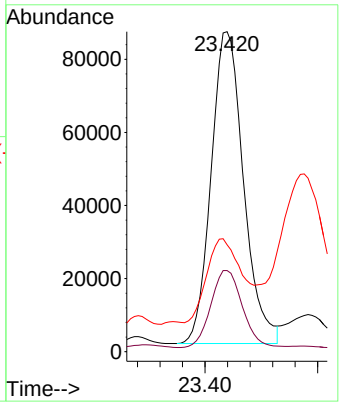


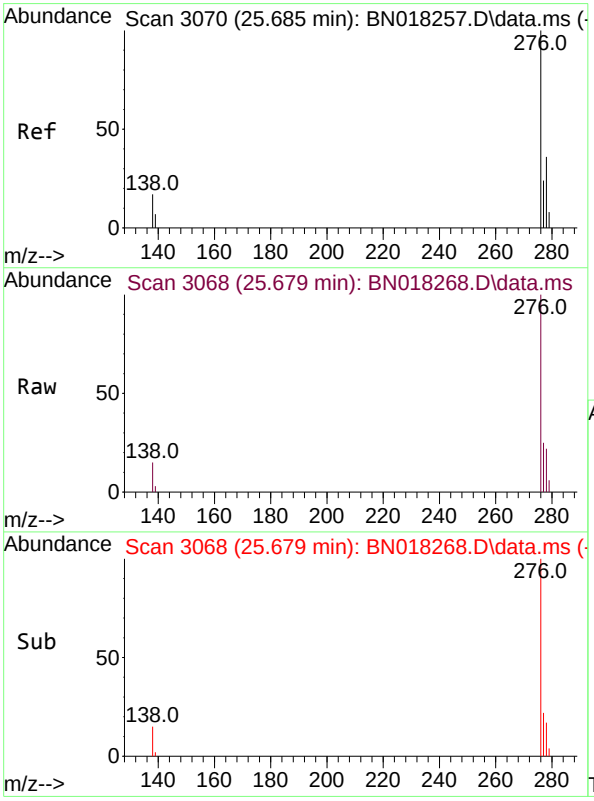
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.420 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 170403

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	33.4	18.2	27.2#

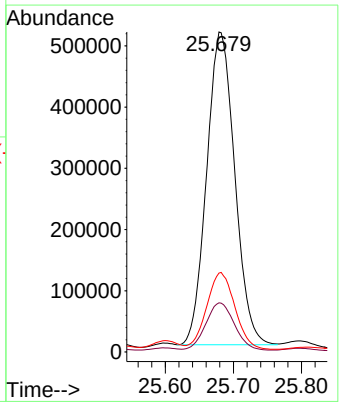


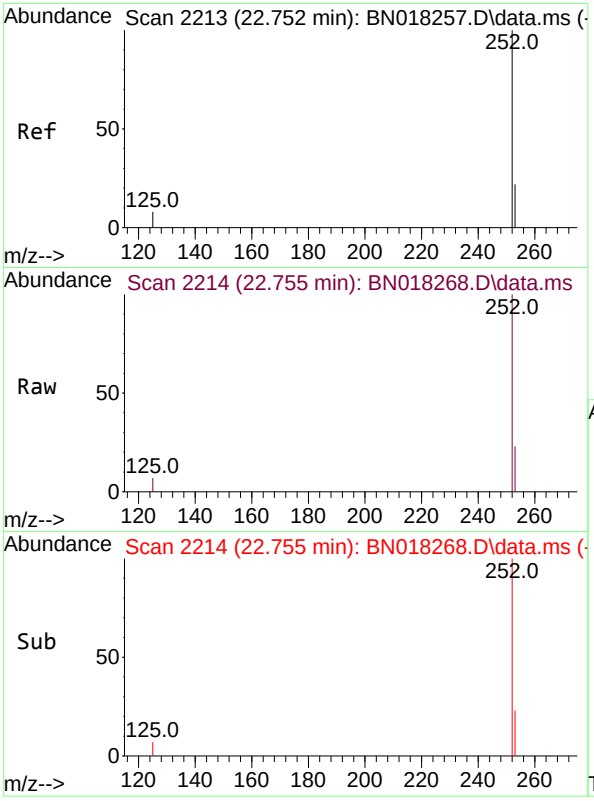


#36
Indeno(1,2,3-cd)pyrene
Concen: 3.600 ng
RT: 25.679 min Scan# 3068
Delta R.T. -0.007 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:276 Resp: 1464997

Ion	Ratio	Lower	Upper
276	100		
138	15.4	14.9	22.3
277	24.6	19.9	29.9



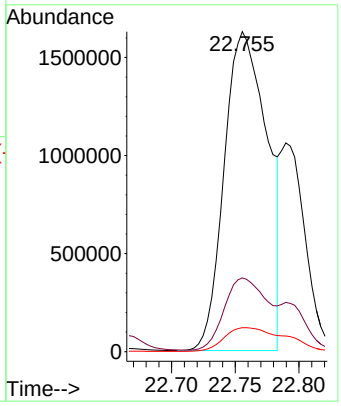


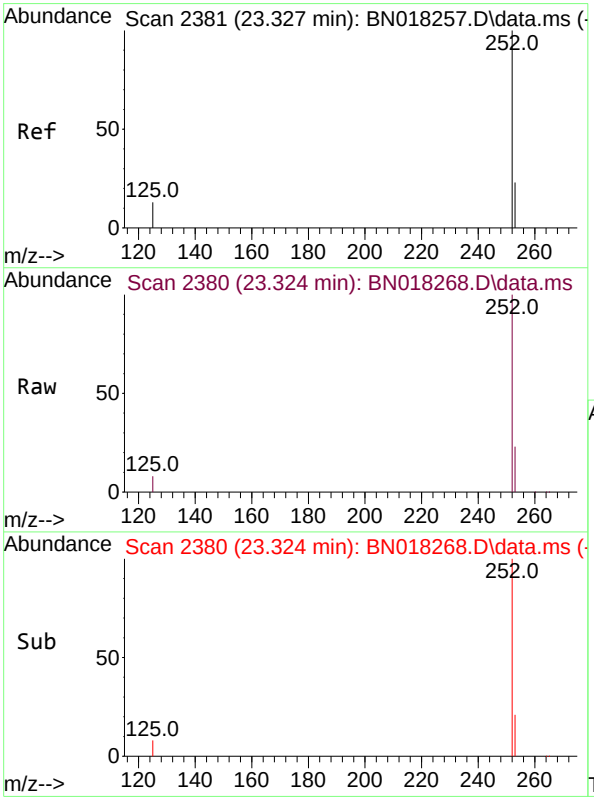
#37
Benzo(b)fluoranthene
Concen: 7.058 ng
RT: 22.755 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 3822189

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	7.5	6.0	9.0

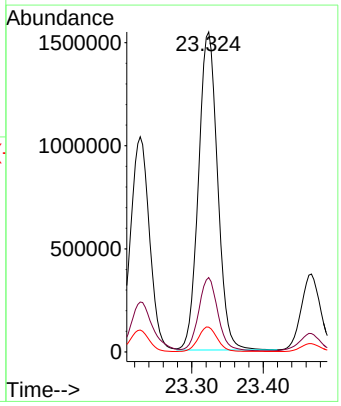


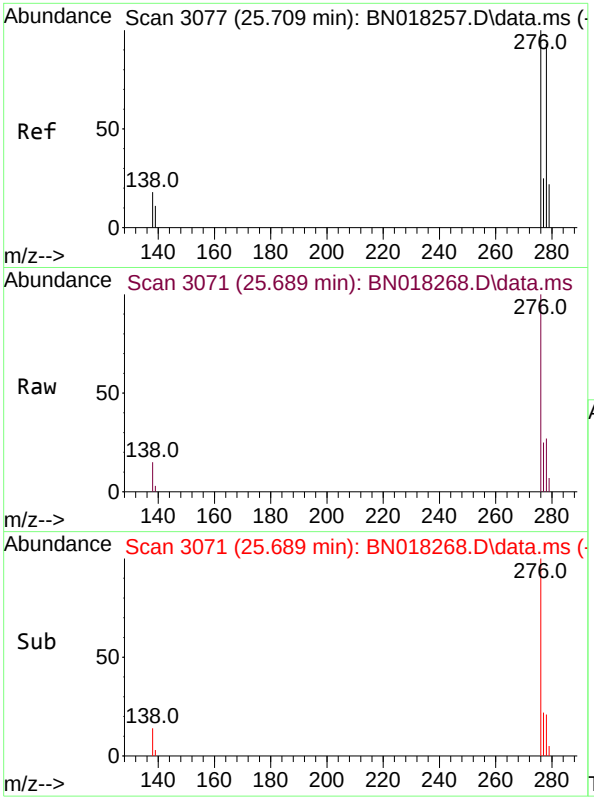


#39
Benzo(a)pyrene
Concen: 6.070 ng
RT: 23.324 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:252 Resp: 2859914

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	7.7	7.0	10.4



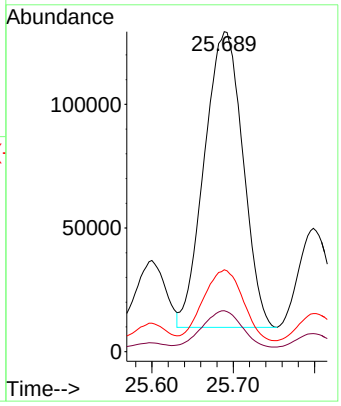


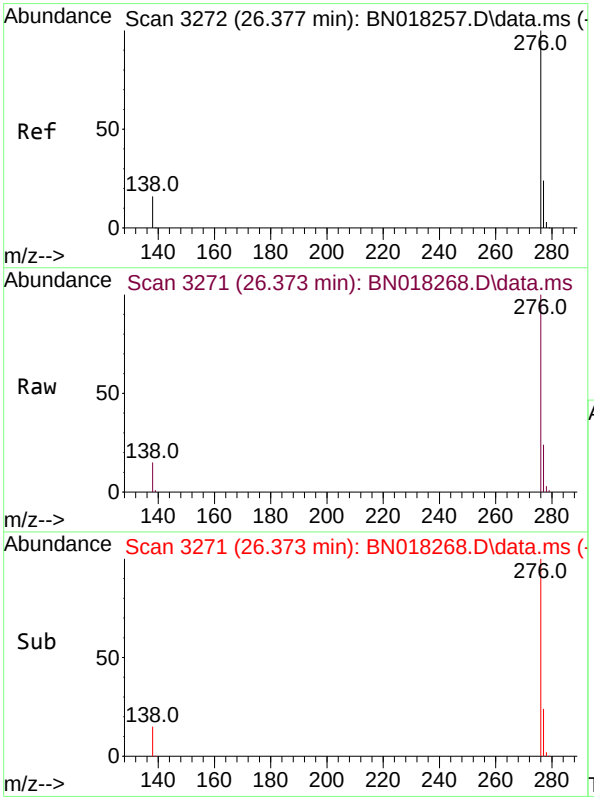
#40
Dibenzo(a,h)anthracene
Concen: 1.354 ng
RT: 25.689 min Scan# 3
Delta R.T. -0.020 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 392910

Ion	Ratio	Lower	Upper
278	100		
139	12.8	10.8	16.2
279	25.6	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 3.474 ng
RT: 26.373 min Scan# 3271
Delta R.T. -0.003 min
Lab File: BN018268.D
Acq: 29 Dec 2021 19:25

Tgt Ion:276 Resp: 1410139

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	15.5	12.6	19.0