Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010722\
Data File : BN018362.D
Acq On : 07 Jan 2022 10:26
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 07 13:18:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 13:11:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.624	152	31516	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	142539	0.400	ng	0.00
13) Acenaphthene-d10	14.256	164	69189	0.400	ng	0.00
19) Phenanthrene-d10	16.993	188	112128	0.400	ng	# 0.00
29) Chrysene-d12	21.185	240	90215	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	92261	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	13554	0.215	ng	0.00
5) Phenol-d6	6.813	99	12568	0.206	ng	0.00
8) Nitrobenzene-d5	8.772	82	12486	0.147	ng	0.00
11) 2-Methylnaphthalene-d10	11.998	152	40791	0.170	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	3038	0.131	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	45886	0.175	ng	0.00
27) Fluoranthene-d10	19.033	212	55168	0.155	ng	0.00
31) Terphenyl-d14	19.644	244	35709	0.156	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.171	88	3505	0.195	ng	# 54
3) n-Nitrosodimethylamine	3.502	42	4727	0.183	ng	# 89
6) bis(2-Chloroethyl)ether	7.062	93	14811	0.198	ng	97
9) Naphthalene	10.445	128	67846	0.192	ng	99
10) Hexachlorobutadiene	10.749	225	12581	0.128	ng	# 100
12) 2-Methylnaphthalene	12.074	142	40851	0.181	ng	99
16) Acenaphthylene	13.977	152	42992	0.177	ng	100
17) Acenaphthene	14.320	154	34832	0.195	ng	100
18) Fluorene	15.309	166	37452	0.178	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	365	0.172	ng	# 40
21) 4-Bromophenyl-phenylether	16.202	248	10104	0.148	ng	94
22) Hexachlorobenzene	16.312	284	15306	0.176	ng	# 91
23) Atrazine	16.470	200	5467	0.134	ng	# 89
24) Pentachlorophenol	16.677	266	1419	0.118	ng	98
25) Phenanthrene	17.030	178	56439	0.191	ng	100
26) Anthracene	17.127	178	40878	0.175	ng	100
28) Fluoranthene	19.063	202	58315	0.168	ng	# 95
30) Pyrene	19.425	202	59291	0.168	ng	99
32) Benzo(a)anthracene	21.174	228	39798	0.165	ng	100
33) Chrysene	21.228	228	57300	0.197	ng	98
34) Bis(2-ethylhexyl)phtha...	21.121	149	20868	0.185	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.675	276	47422	0.215	ng	# 88
37) Benzo(b)fluoranthene	22.745	252	50616	0.173	ng	# 94
38) Benzo(k)fluoranthene	22.786	252	50186	0.181	ng	# 94
39) Benzo(a)pyrene	23.313	252	48212	0.189	ng	# 90
40) Dibenzo(a,h)anthracene	25.692	278	33067	0.211	ng	# 92
41) Benzo(g,h,i)perylene	26.367	276	46404	0.211	ng	# 91

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

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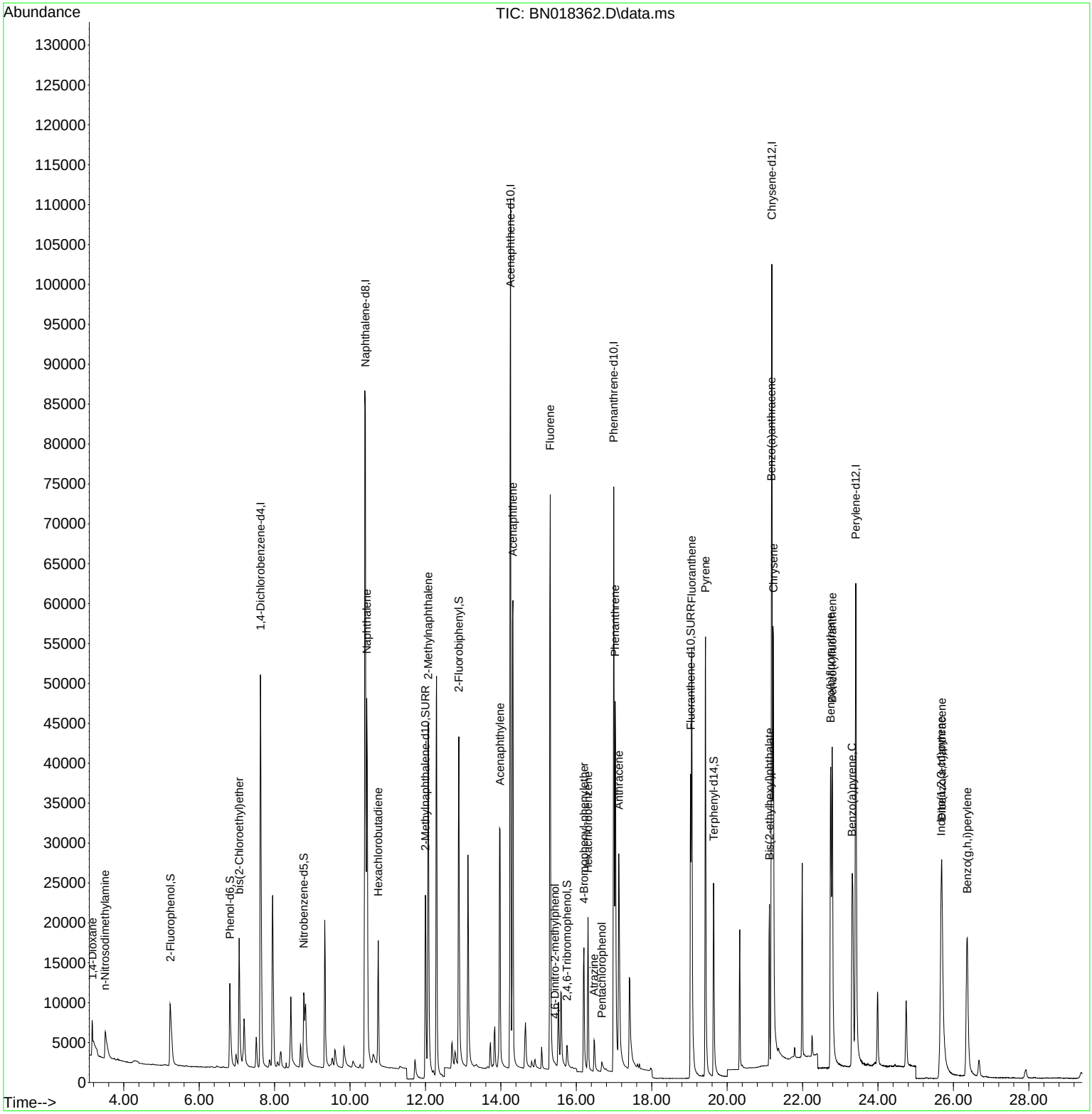
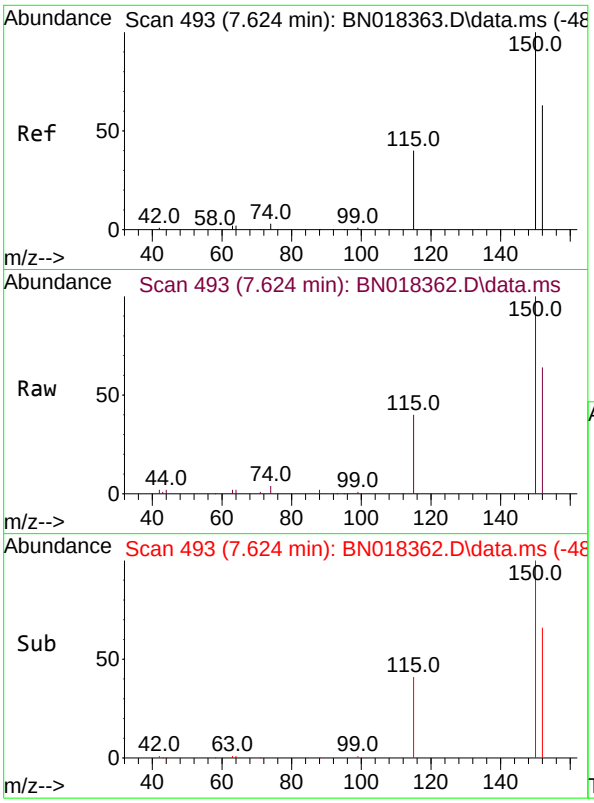
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Jan 07 13:18:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 13:11:58 2022
Response via : Initial Calibration



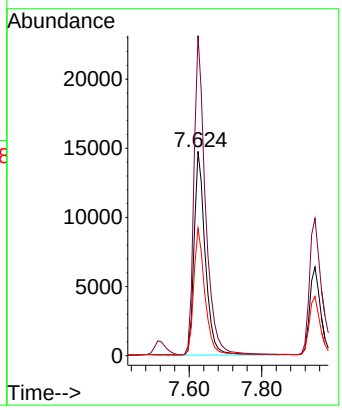


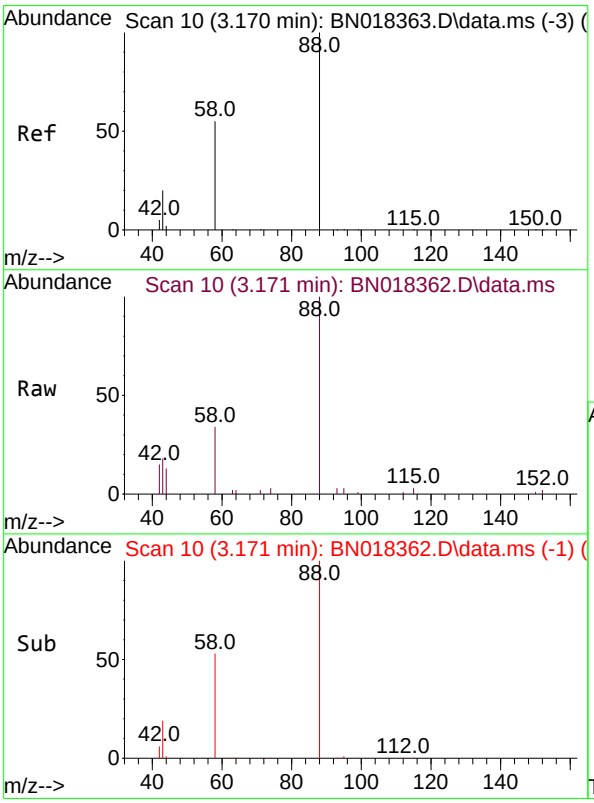
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.624 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 31516

Ion	Ratio	Lower	Upper
152	100		
150	156.7	121.7	182.5
115	62.3	43.8	65.8

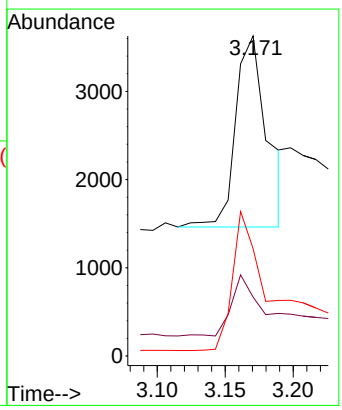


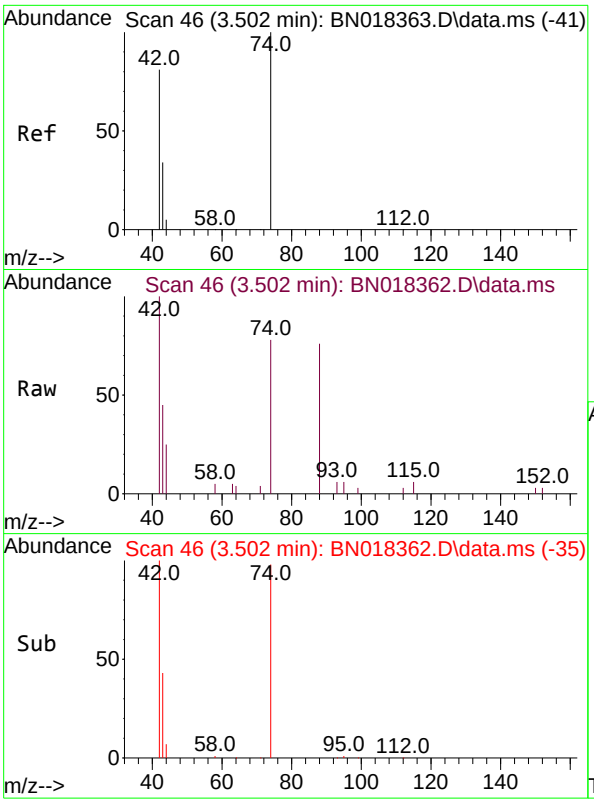


#2
1,4-Dioxane
Concen: 0.195 ng
RT: 3.171 min Scan# 10
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion: 88 Resp: 3505

Ion	Ratio	Lower	Upper
88	100		
43	33.9	69.7	104.5#
58	67.8	83.8	125.8#



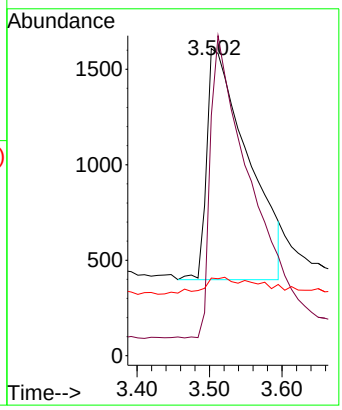


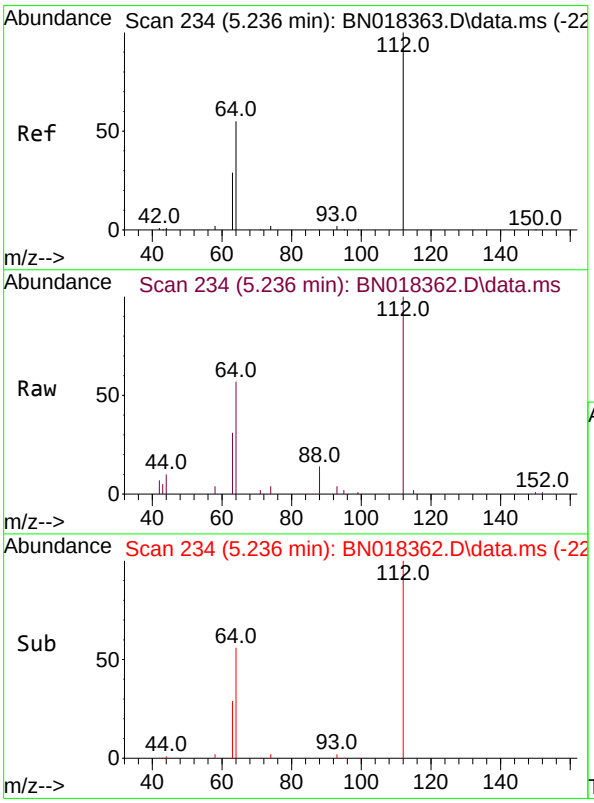
#3
n-Nitrosodimethylamine
Concen: 0.183 ng
RT: 3.502 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 4727

Ion	Ratio	Lower	Upper
42	100		
74	122.5	108.6	163.0
44	5.7	5.8	8.8#

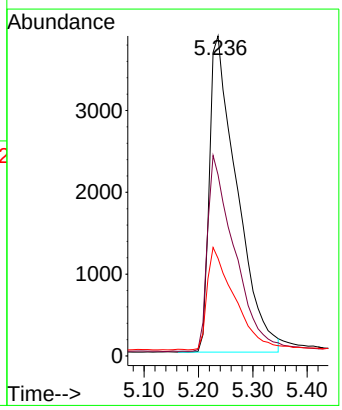


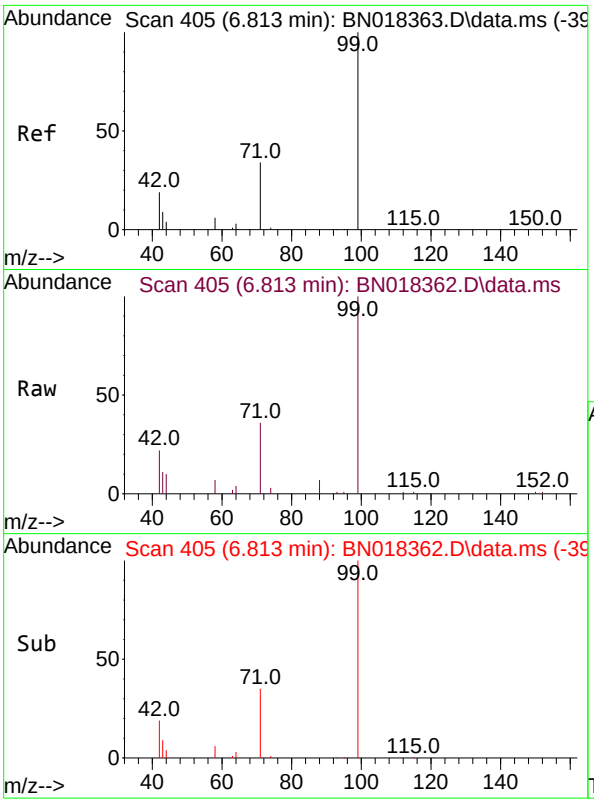


#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.236 min Scan# 234
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:112 Resp: 13554

Ion	Ratio	Lower	Upper
112	100		
64	60.7	48.0	72.0
63	32.1	25.3	37.9



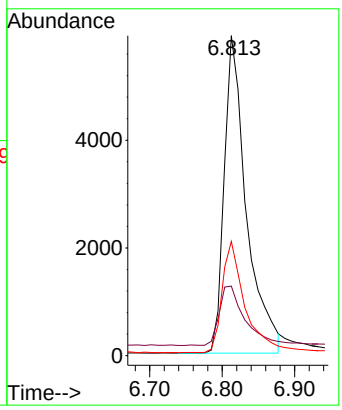


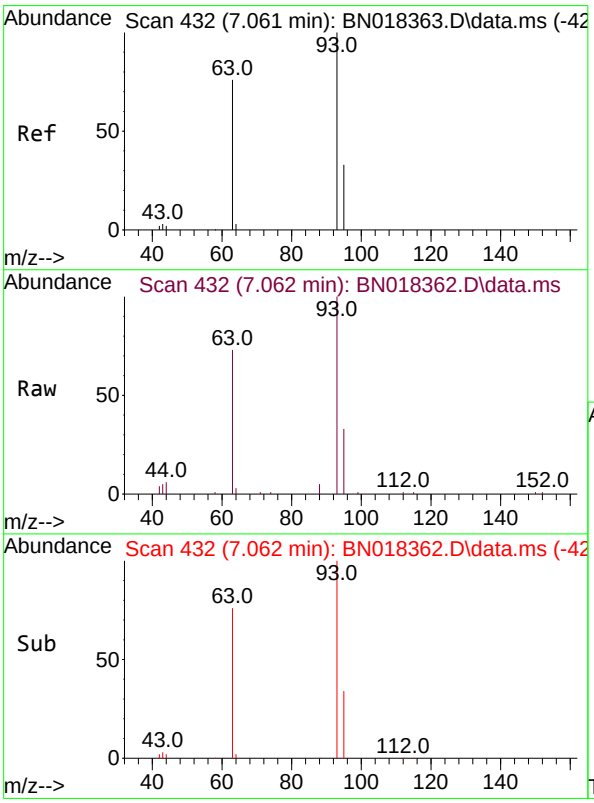
#5
Phenol-d6
Concen: 0.206 ng
RT: 6.813 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 12568

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.3	24.5
71	35.4	26.8	40.2

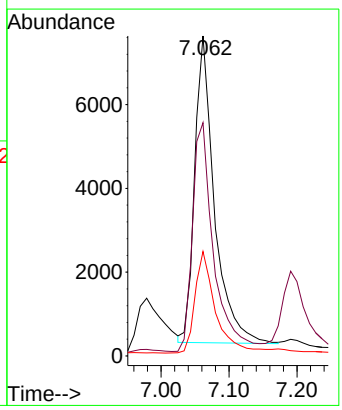


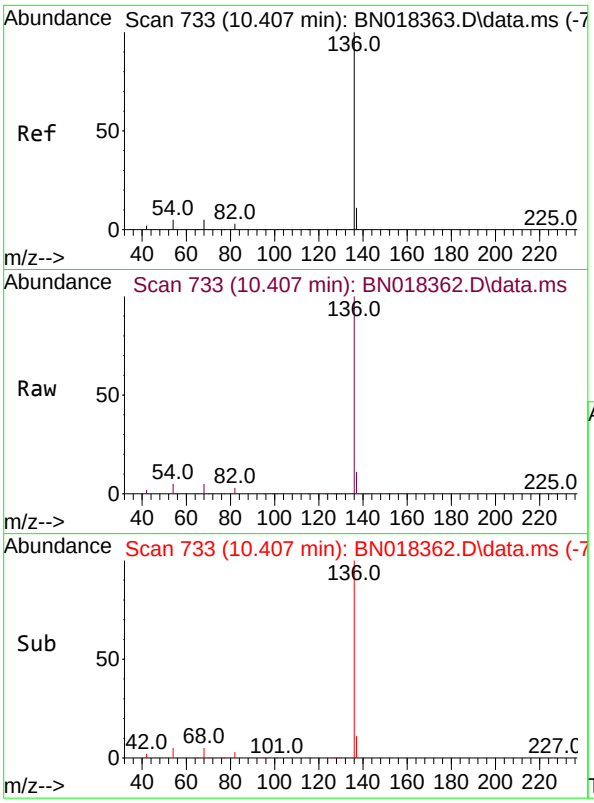


#6
bis(2-Chloroethyl)ether
Concen: 0.198 ng
RT: 7.062 min Scan# 432
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion: 93 Resp: 14811

Ion	Ratio	Lower	Upper
93	100		
63	79.8	61.7	92.5
95	34.3	26.2	39.4



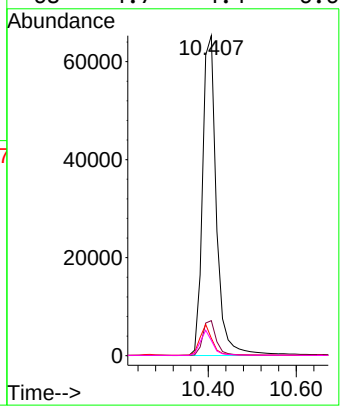


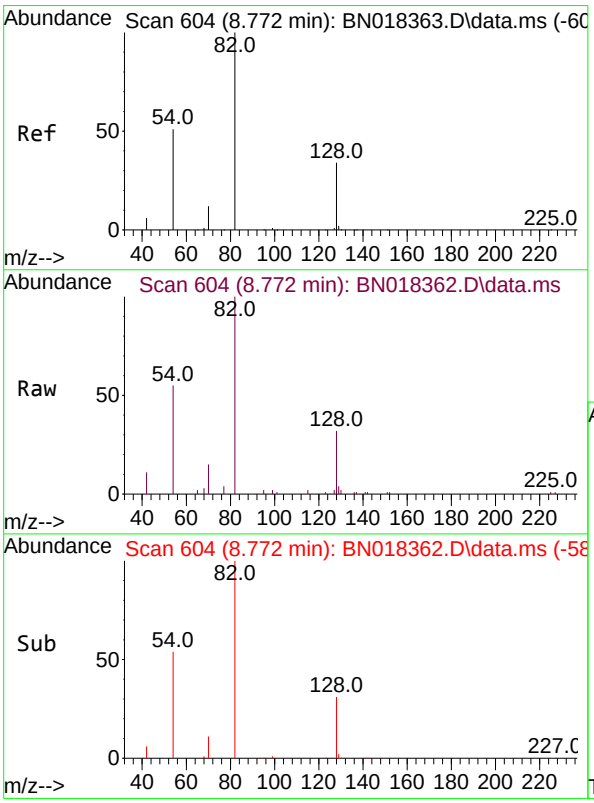
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.407 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 142539

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	5.5	5.0	7.6
68	4.7	4.4	6.6

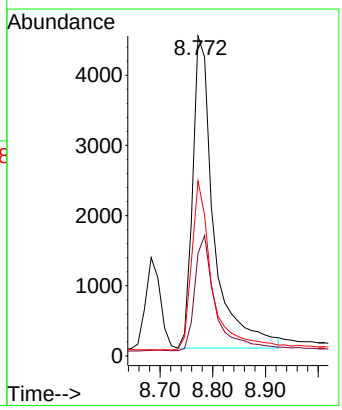


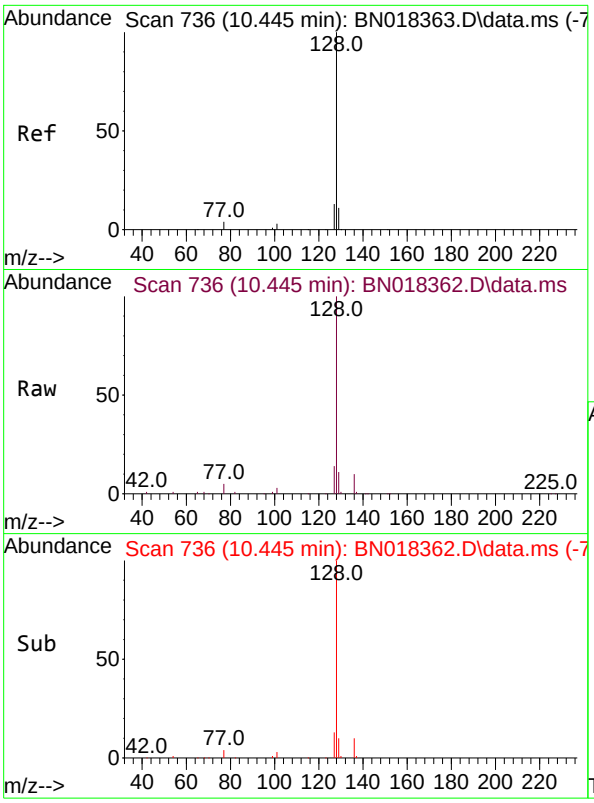


#8
Nitrobenzene-d5
Concen: 0.147 ng
RT: 8.772 min Scan# 604
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion: 82 Resp: 12486

Ion	Ratio	Lower	Upper
82	100		
128	32.1	33.7	50.5#
54	54.7	36.6	55.0



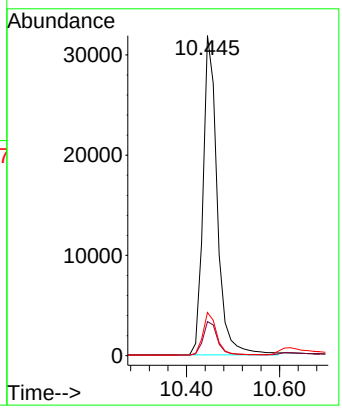


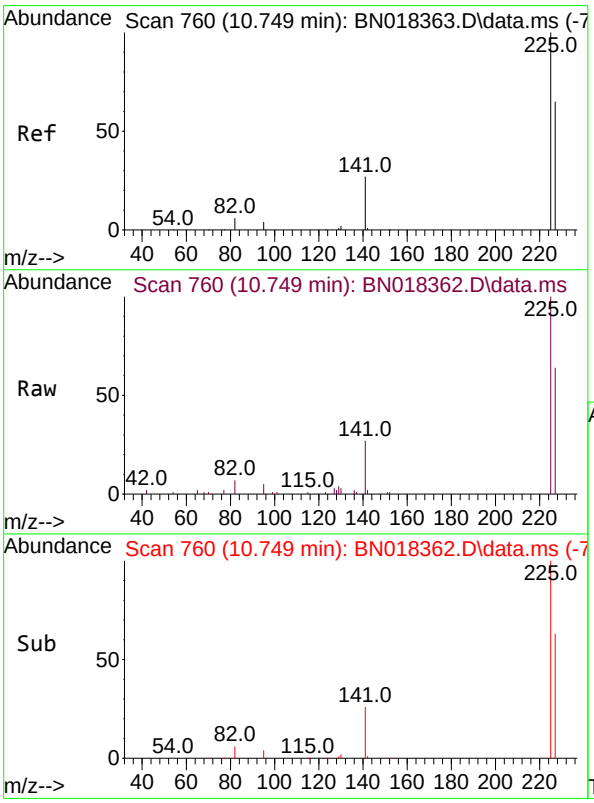
#9
Naphthalene
Concen: 0.192 ng
RT: 10.445 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 67846

Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.7	13.1
127	13.5	10.4	15.6

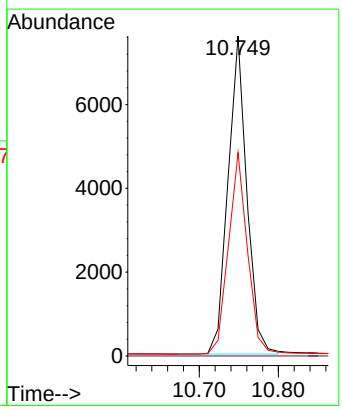


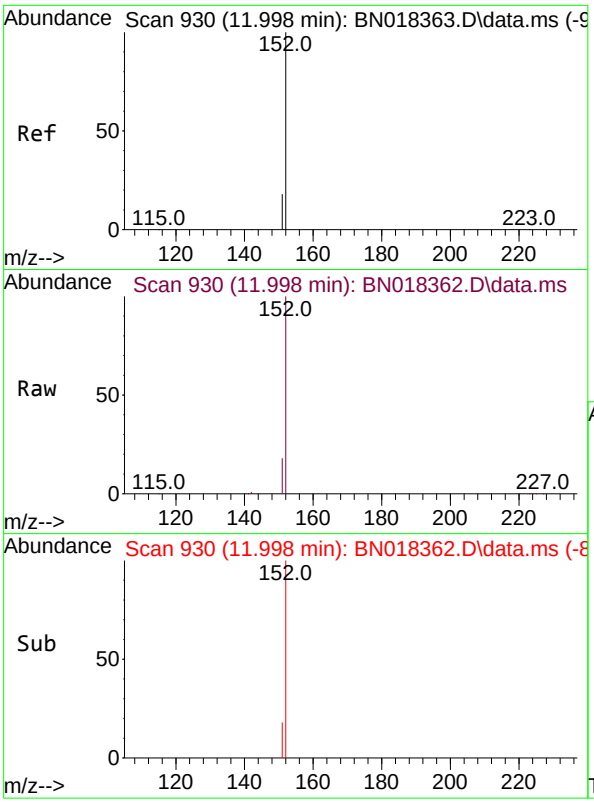


#10
Hexachlorobutadiene
Concen: 0.128 ng
RT: 10.749 min Scan# 760
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:225 Resp: 12581

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.0	76.6



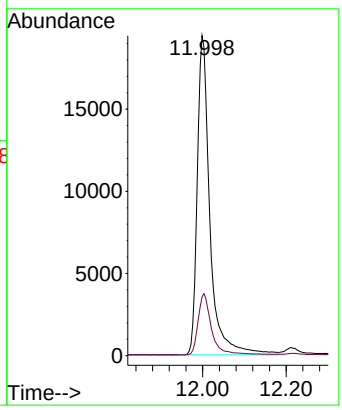


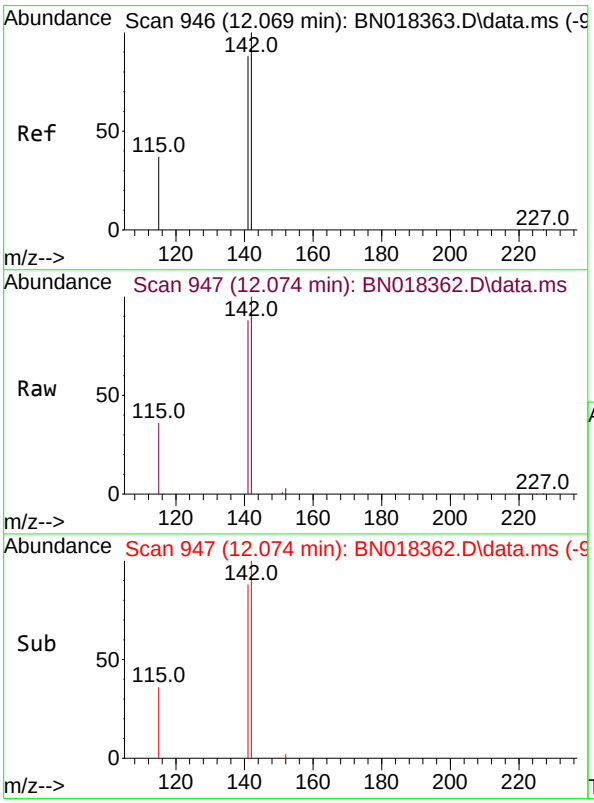
#11
2-Methylnaphthalene-d10
Concen: 0.170 ng
RT: 11.998 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 40791

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2

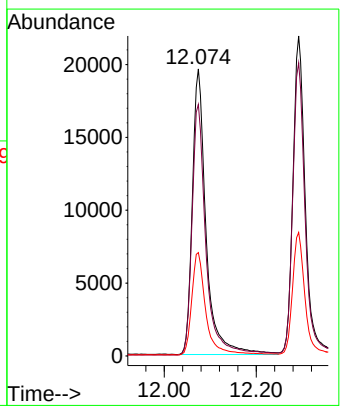


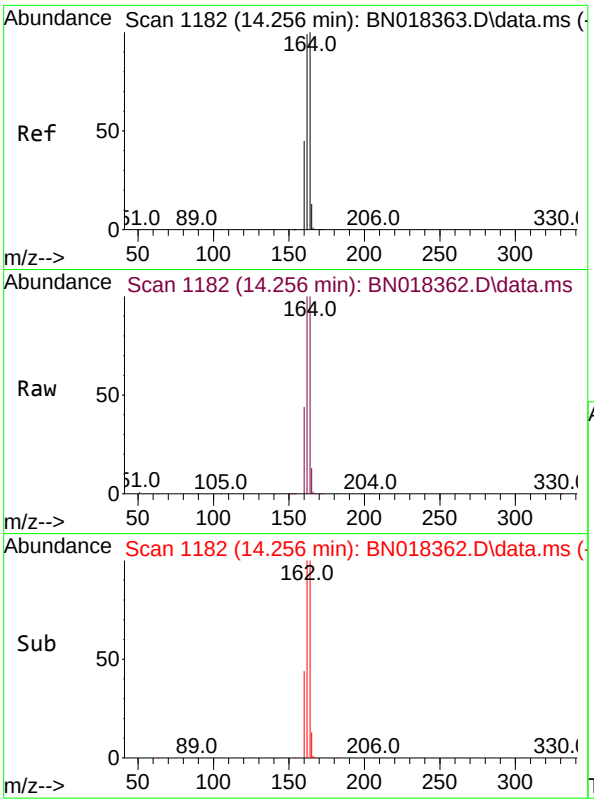


#12
2-Methylnaphthalene
Concen: 0.181 ng
RT: 12.074 min Scan# 947
Delta R.T. 0.005 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:142 Resp: 40851

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.0	105.0
115	36.0	27.8	41.8



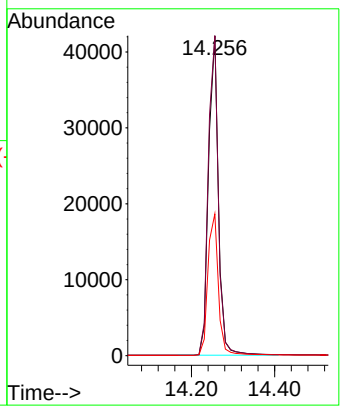


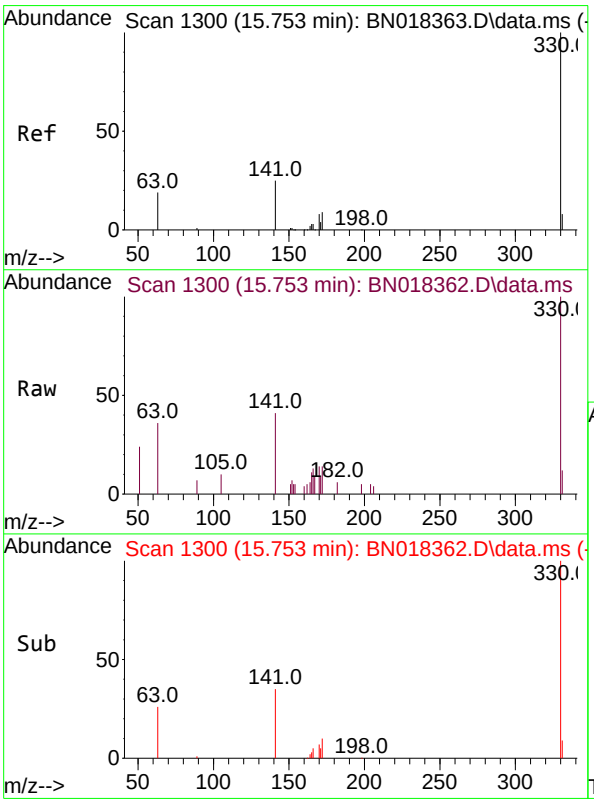
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 69189

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.2	120.2
160	44.3	36.9	55.3

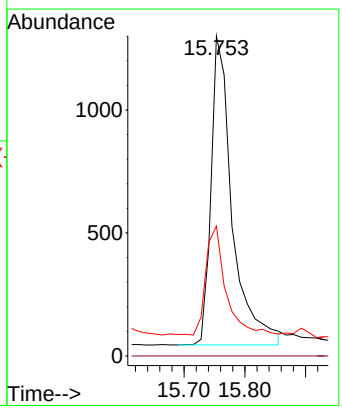


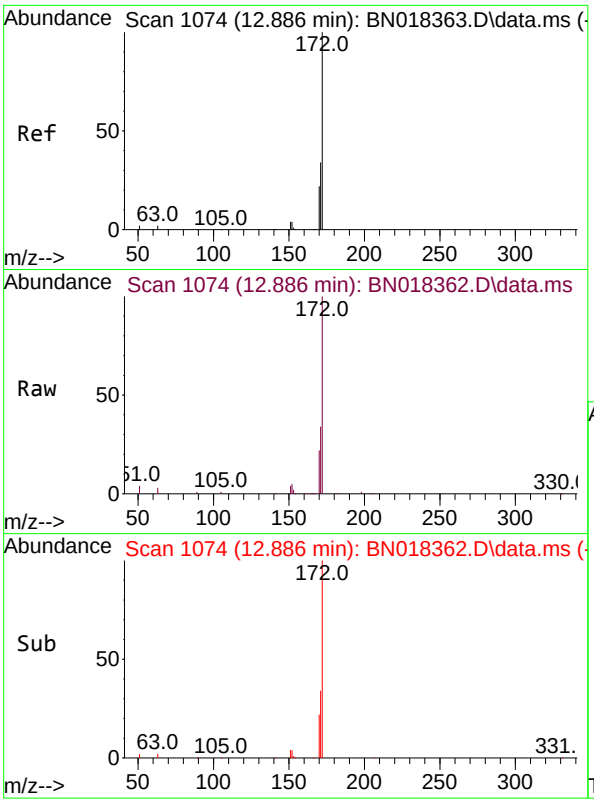


#14
2,4,6-Tribromophenol
Concen: 0.131 ng
RT: 15.753 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:330 Resp: 3038

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	32.7	21.3	31.9#



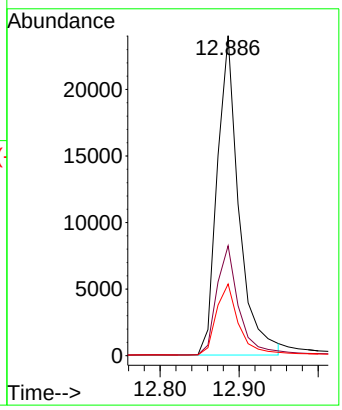


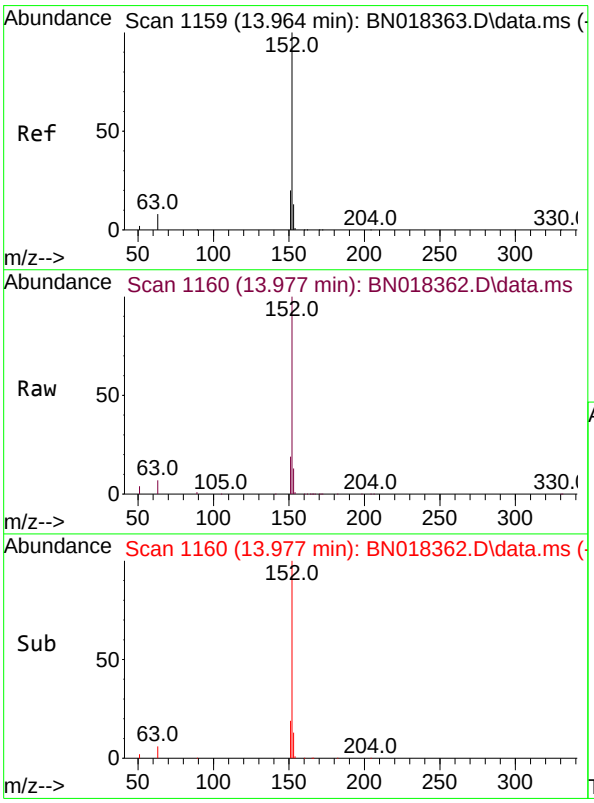
#15
2-Fluorobiphenyl
Concen: 0.175 ng
RT: 12.886 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 45886

Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.4	41.0
170	22.4	18.4	27.6

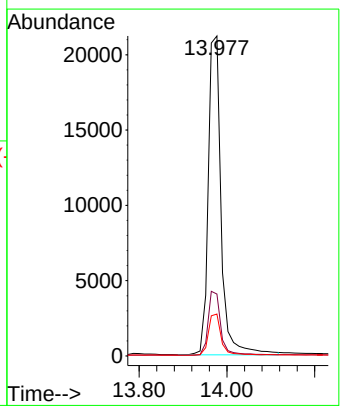


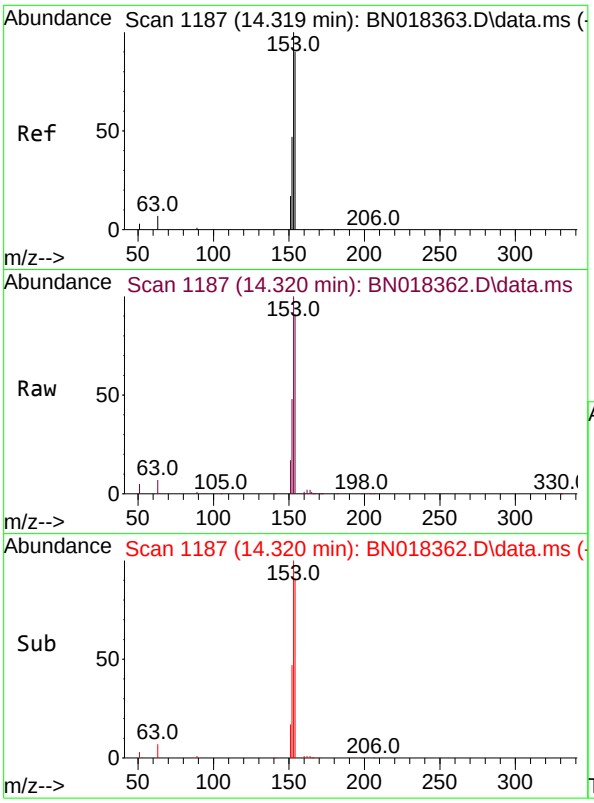


#16
Acenaphthylene
Concen: 0.177 ng
RT: 13.977 min Scan# 1160
Delta R.T. 0.013 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:152 Resp: 42992

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.8	23.6
153	12.9	10.5	15.7



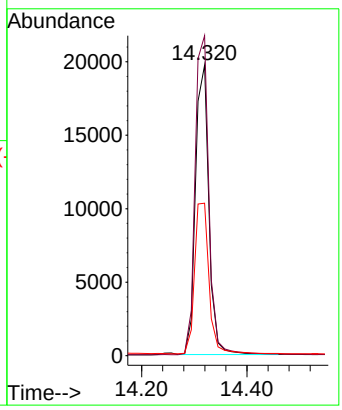


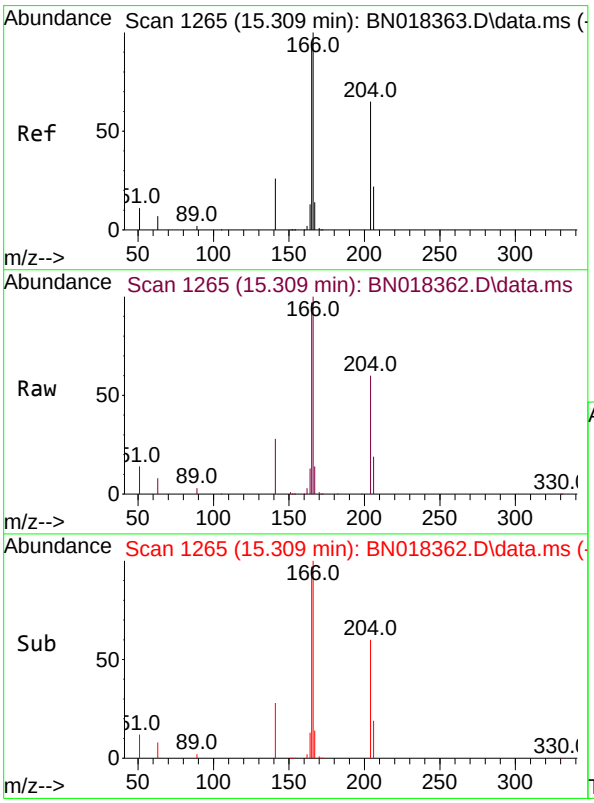
#17
Acenaphthene
Concen: 0.195 ng
RT: 14.320 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 34832

Ion	Ratio	Lower	Upper
154	100		
153	114.1	90.9	136.3
152	56.1	45.0	67.4

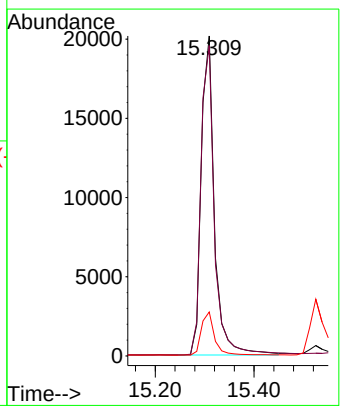


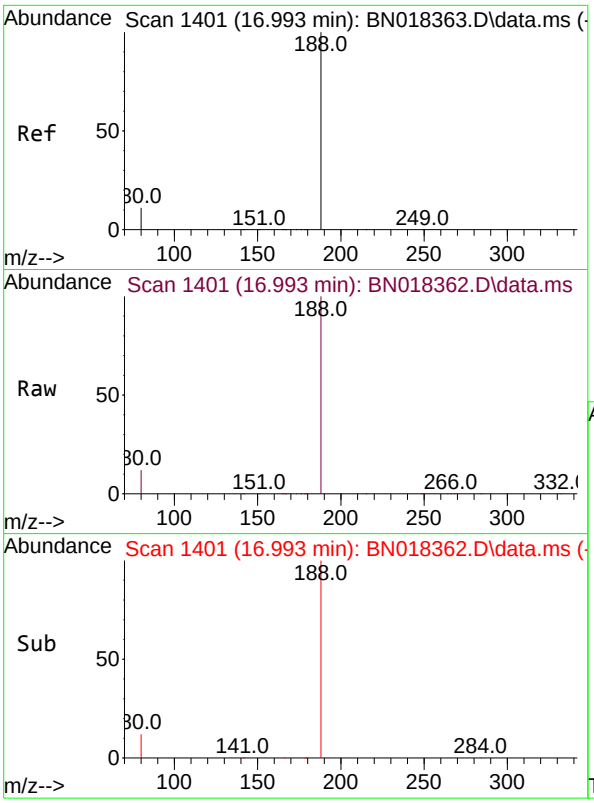


#18
Fluorene
Concen: 0.178 ng
RT: 15.309 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:166 Resp: 37452

Ion	Ratio	Lower	Upper
166	100		
165	98.9	77.8	116.6
167	13.6	10.9	16.3



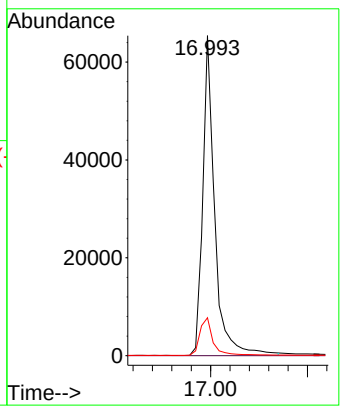


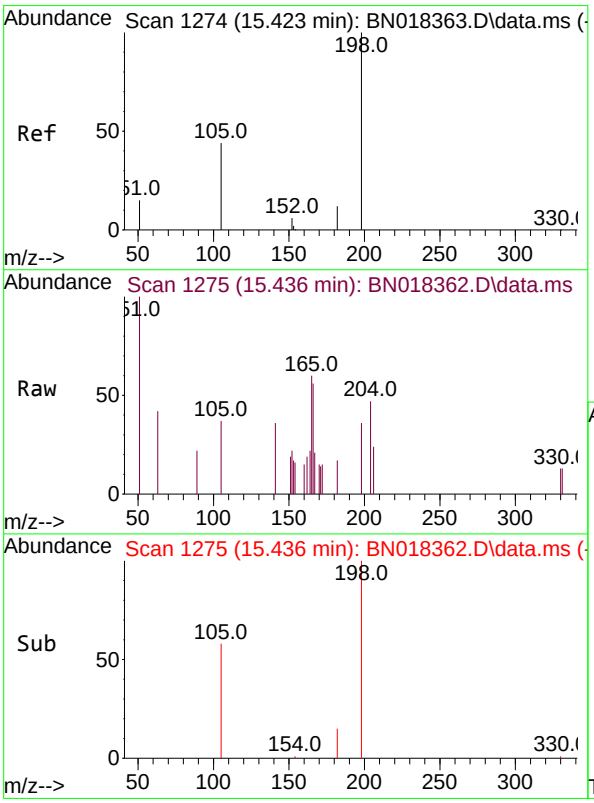
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.993 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 112128

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

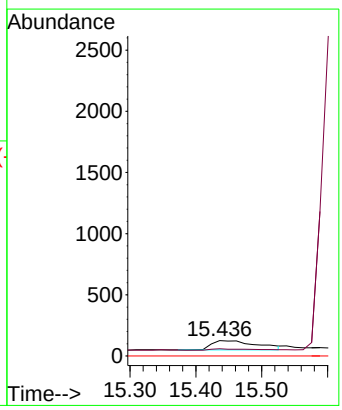


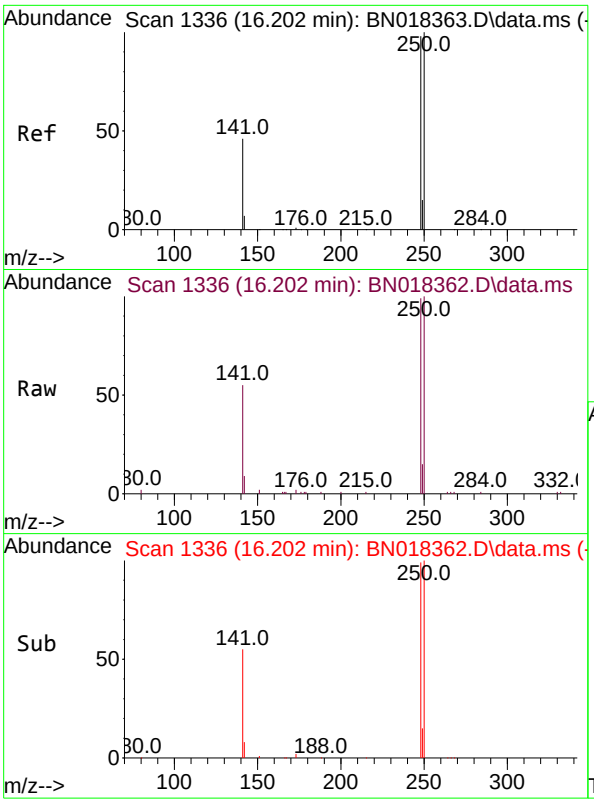


#20
4,6-Dinitro-2-methylphenol
Concen: 0.172 ng
RT: 15.436 min Scan# 1275
Delta R.T. 0.013 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:198 Resp: 365

Ion	Ratio	Lower	Upper
198	100		
182	46.8	15.5	23.3#
77	0.0	0.0	0.0



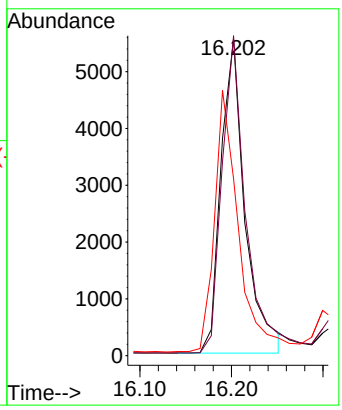


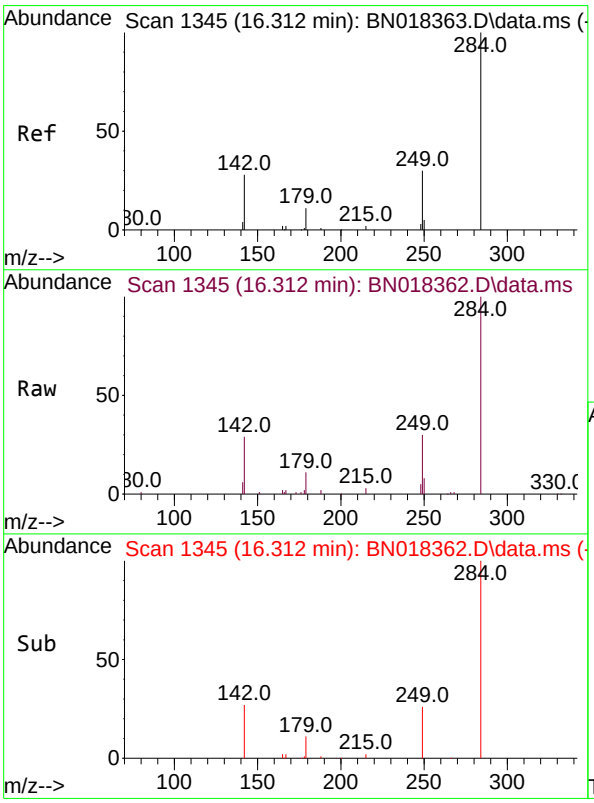
#21
4-Bromophenyl-phenylether
Concen: 0.148 ng
RT: 16.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:248 Resp: 10104

Ion	Ratio	Lower	Upper
248	100		
250	100.9	74.4	111.6
141	55.8	43.7	65.5

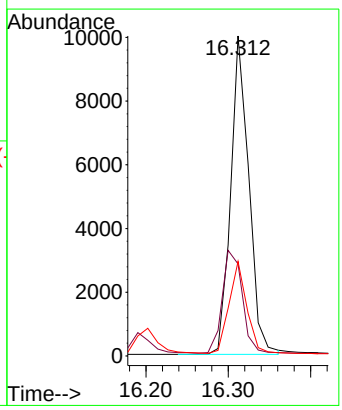


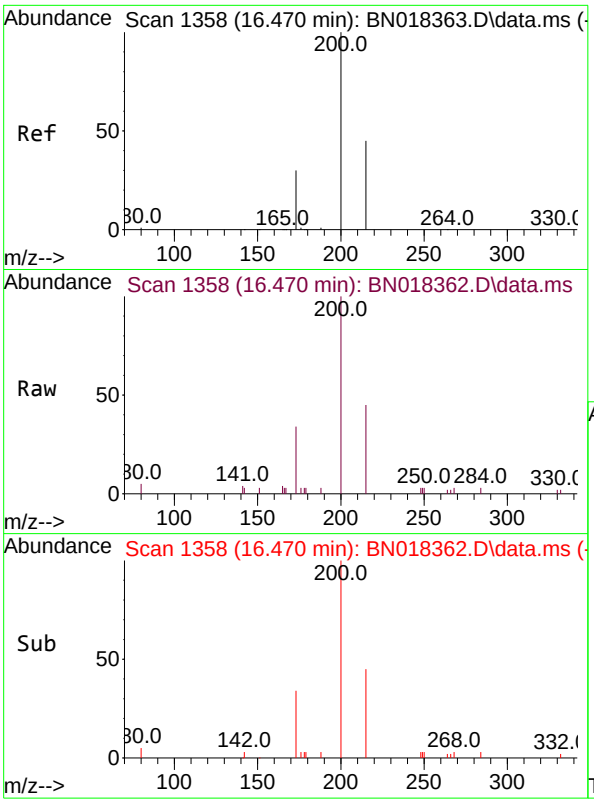


#22
Hexachlorobenzene
Concen: 0.176 ng
RT: 16.312 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:284 Resp: 15306

Ion	Ratio	Lower	Upper
284	100		
142	35.6	21.6	32.4#
249	28.2	23.5	35.3



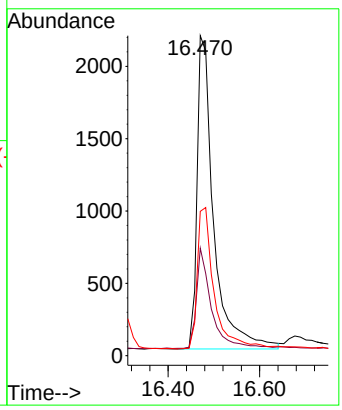


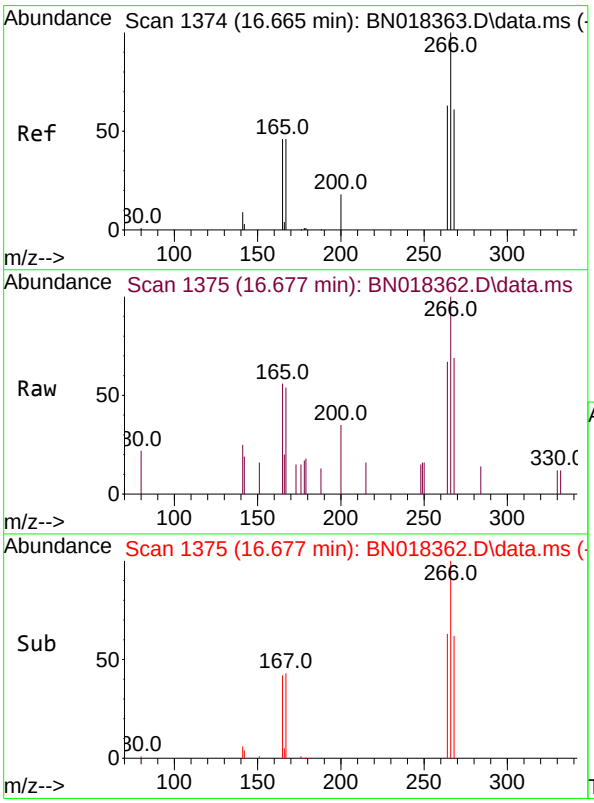
#23
Atrazine
Concen: 0.134 ng
RT: 16.470 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:200 Resp: 5467

Ion	Ratio	Lower	Upper
200	100		
173	33.6	20.3	30.5#
215	45.1	40.4	60.6

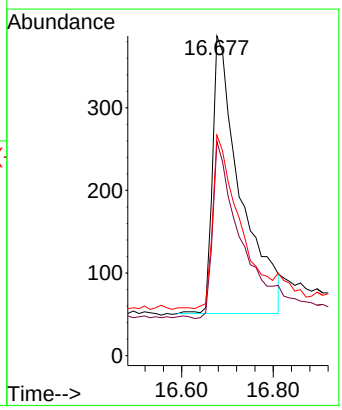


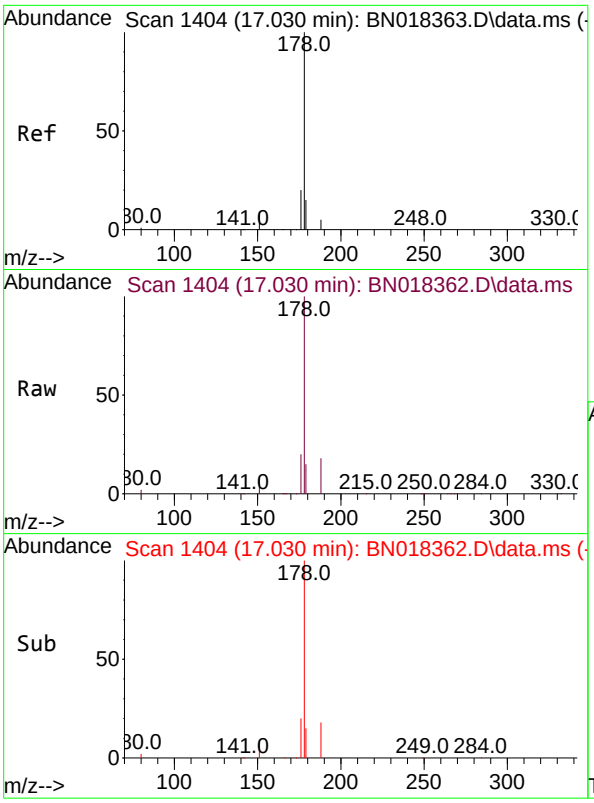


#24
Pentachlorophenol
Concen: 0.118 ng
RT: 16.677 min Scan# 1375
Delta R.T. 0.012 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:266 Resp: 1419

Ion	Ratio	Lower	Upper
266	100		
264	61.9	49.5	74.3
268	60.5	50.6	76.0



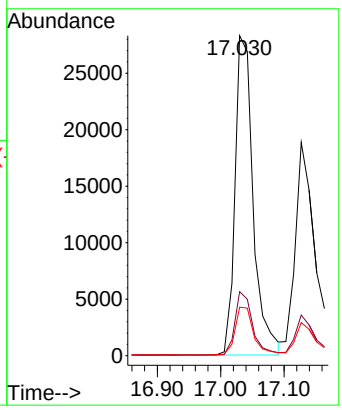


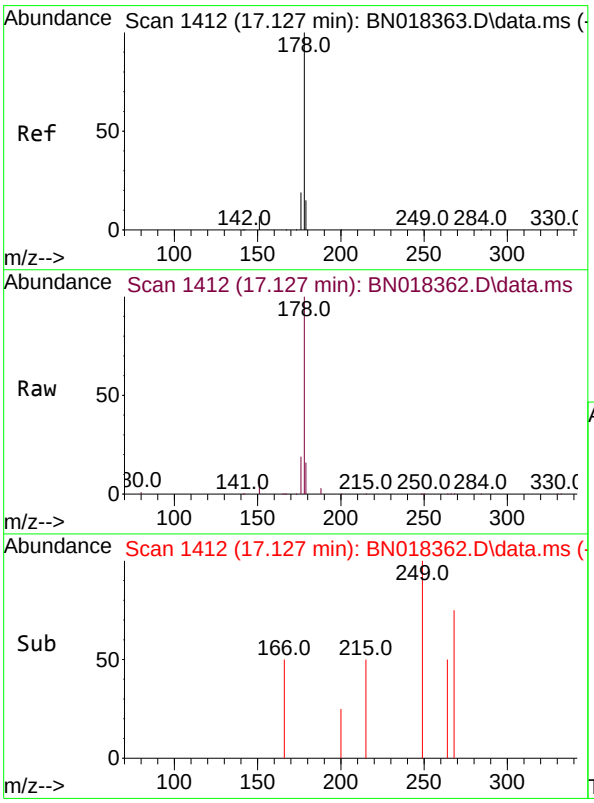
#25
Phenanthrene
Concen: 0.191 ng
RT: 17.030 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 56439

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.3	18.5

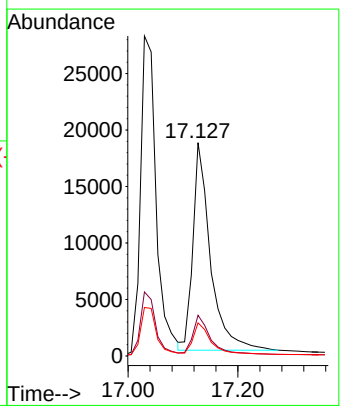


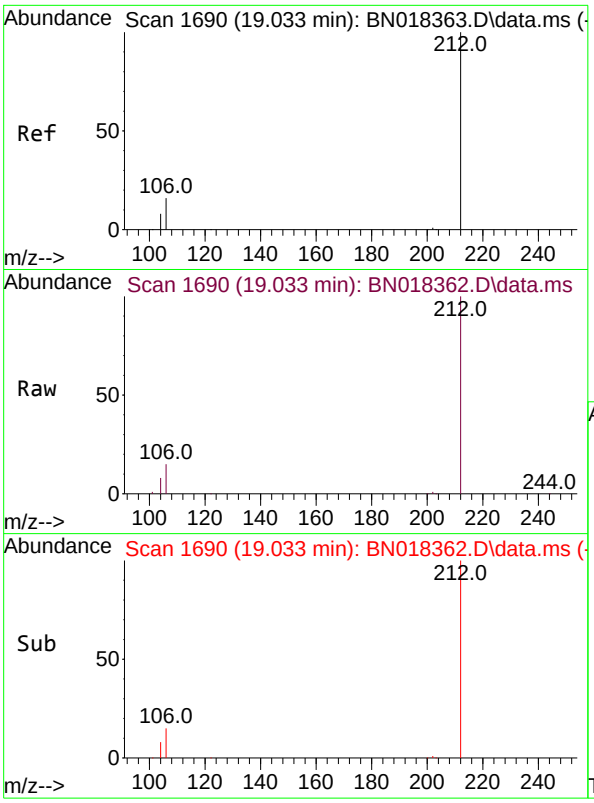


#26
Anthracene
Concen: 0.175 ng
RT: 17.127 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:178 Resp: 40878

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	15.1	12.2	18.4



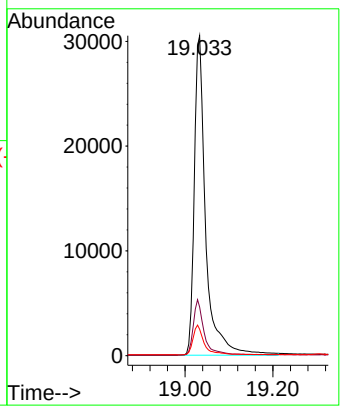


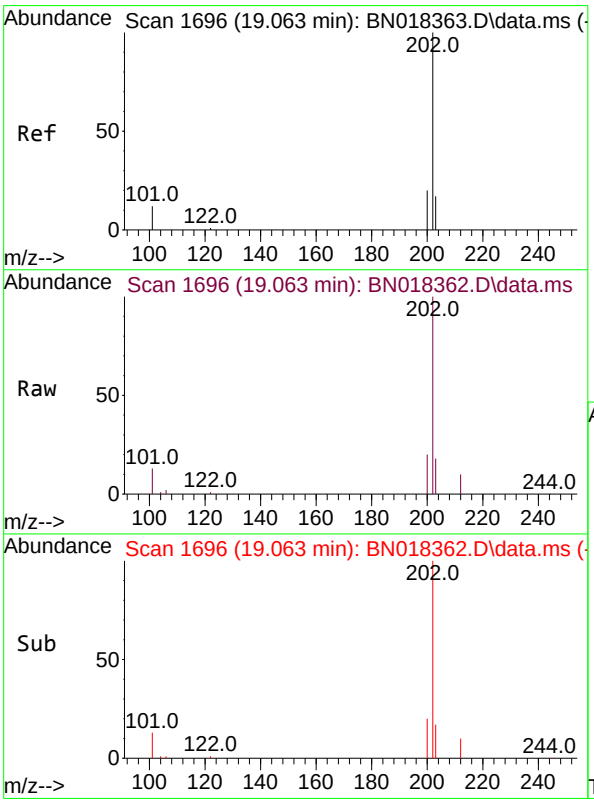
#27
Fluoranthene-d10
Concen: 0.155 ng
RT: 19.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:212 Resp: 55168

Ion	Ratio	Lower	Upper
212	100		
106	16.5	8.4	12.6#
104	9.2	4.5	6.7#

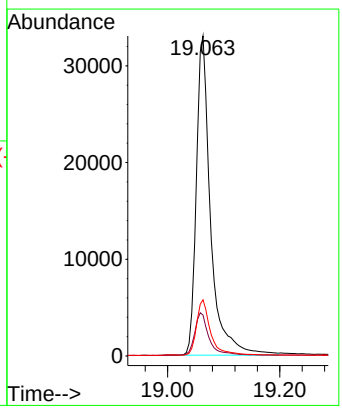


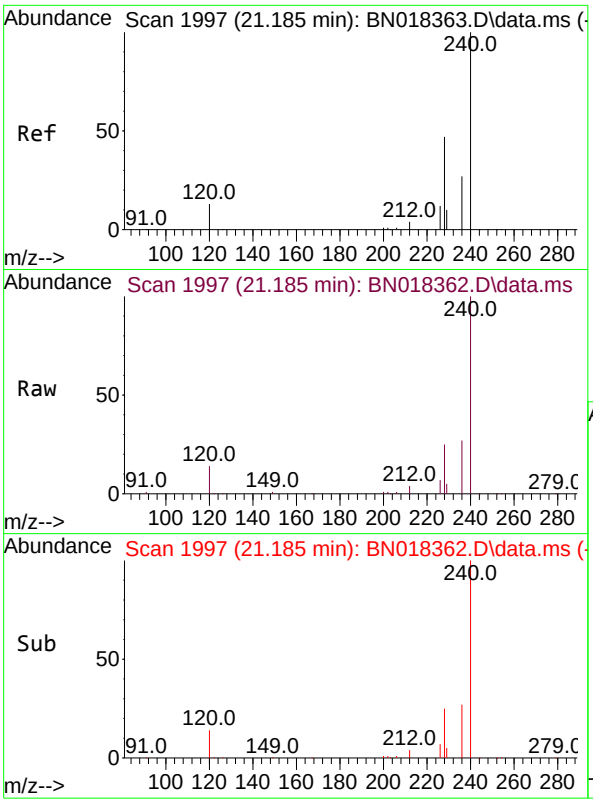


#28
Fluoranthene
Concen: 0.168 ng
RT: 19.063 min Scan# 1696
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:202 Resp: 58315

Ion	Ratio	Lower	Upper
202	100		
101	13.7	7.2	10.8#
203	17.0	13.7	20.5



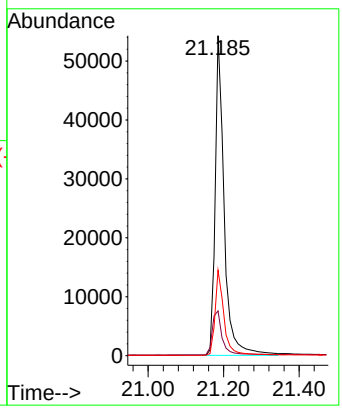


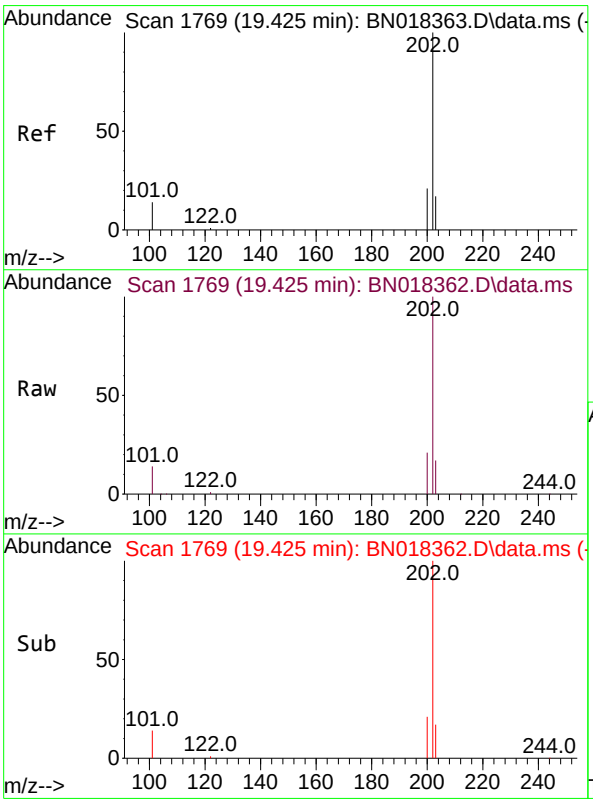
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:240 Resp: 90215

Ion	Ratio	Lower	Upper
240	100		
120	14.0	6.0	9.0#
236	26.7	21.4	32.2

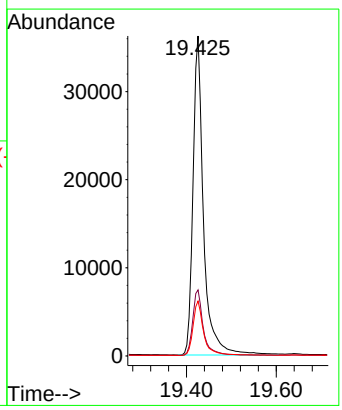


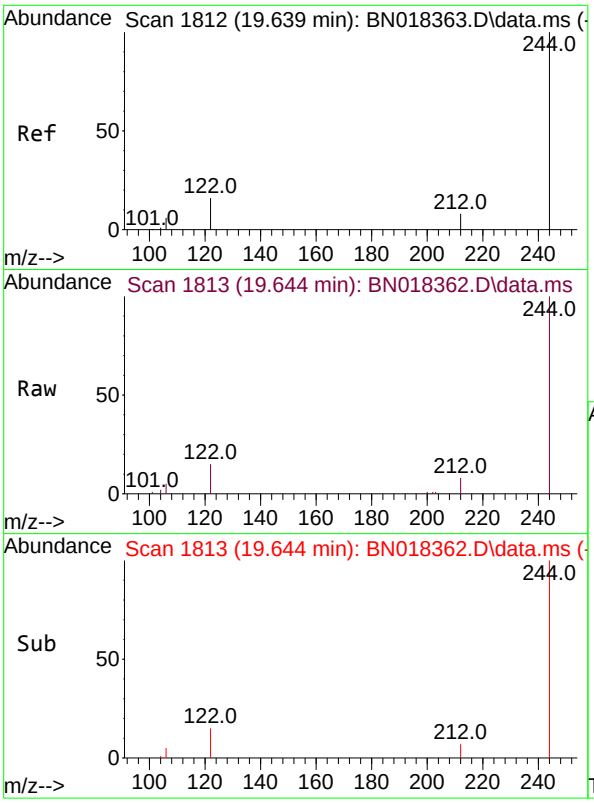


#30
Pyrene
Concen: 0.168 ng
RT: 19.425 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:202 Resp: 59291

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.2	14.1	21.1



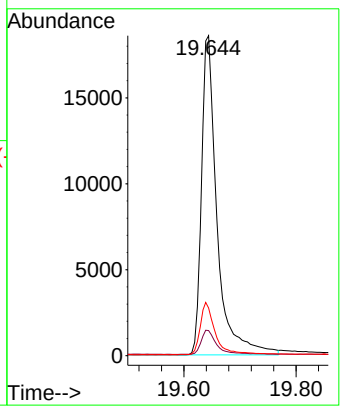


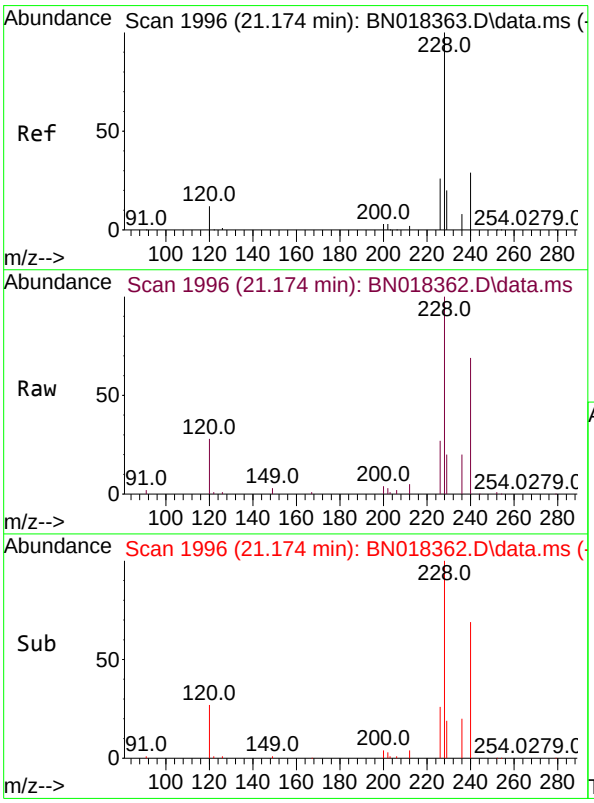
#31
Terphenyl-d14
Concen: 0.156 ng
RT: 19.644 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:244 Resp: 35709

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	14.9	7.9	11.9#

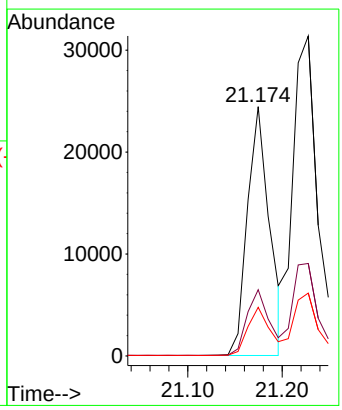


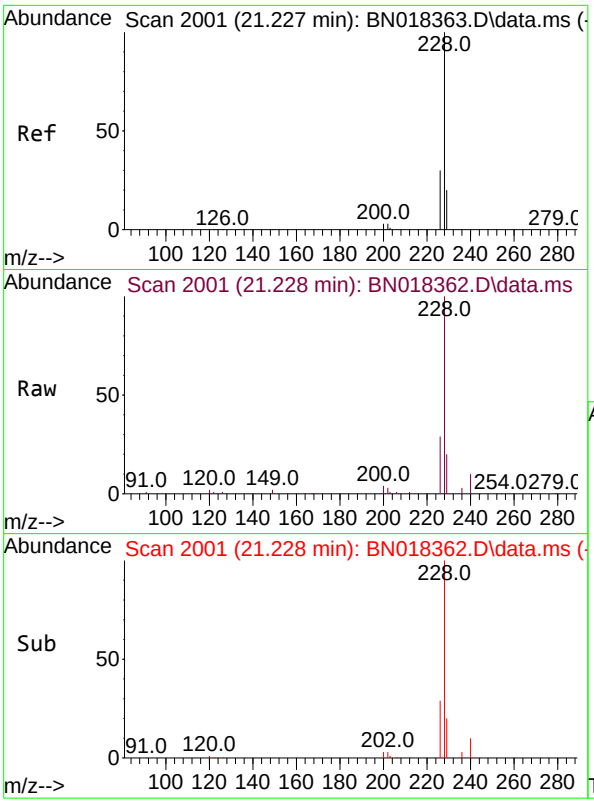


#32
Benzo(a)anthracene
Concen: 0.165 ng
RT: 21.174 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:228 Resp: 39798

Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.3	31.9
229	19.5	15.9	23.9



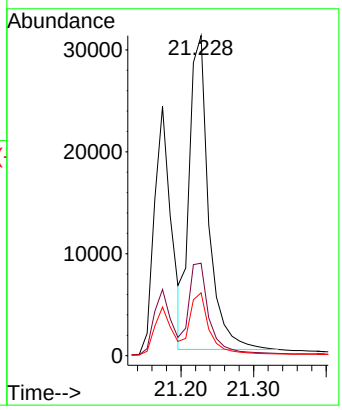


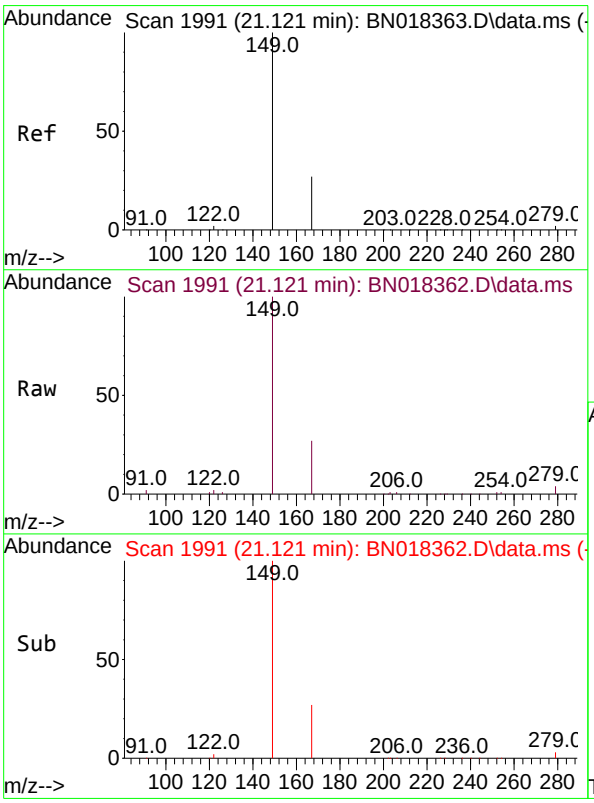
#33
Chrysene
Concen: 0.197 ng
RT: 21.228 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 57300

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.2	36.4
229	19.7	15.5	23.3

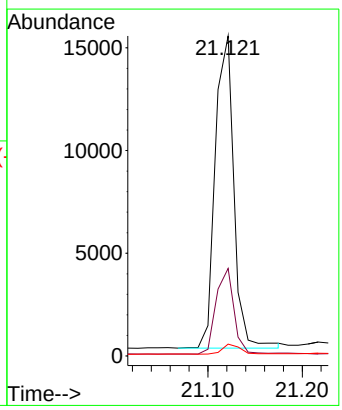


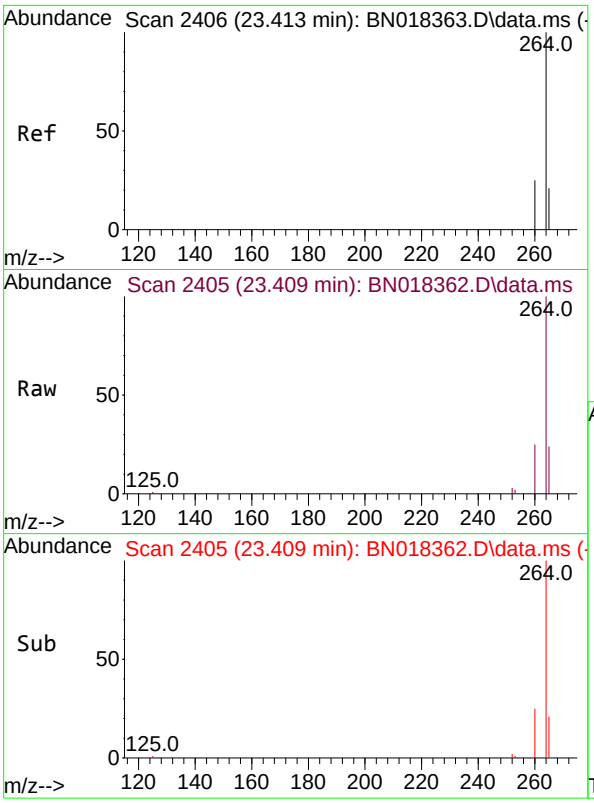


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.185 ng
RT: 21.121 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:149 Resp: 20868

Ion	Ratio	Lower	Upper
149	100		
167	26.1	23.7	35.5
279	3.1	3.6	5.4#



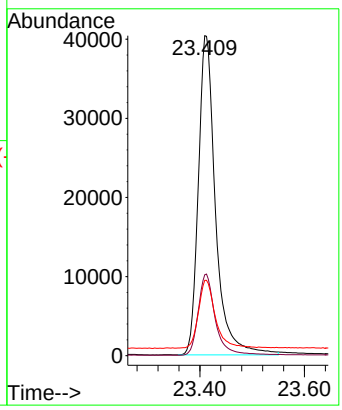


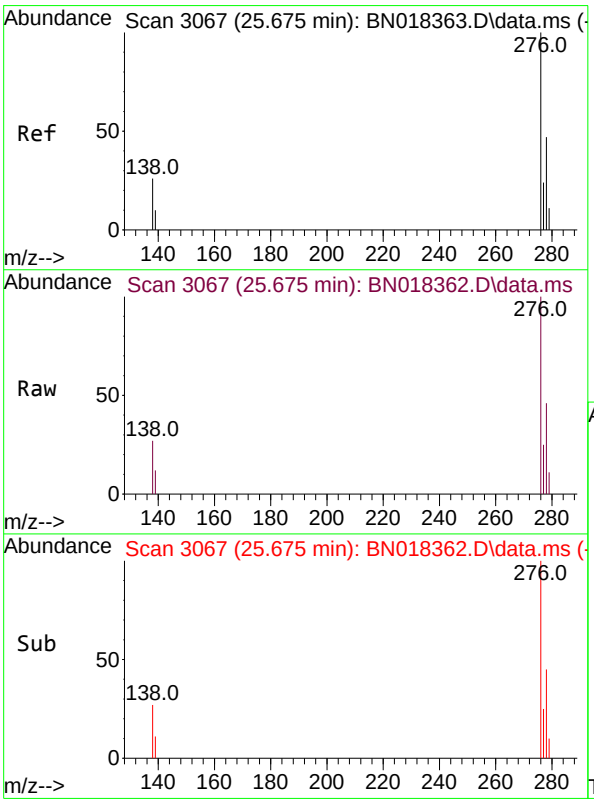
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.409 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:264 Resp: 92261

Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.2	30.4
265	23.6	18.2	27.2

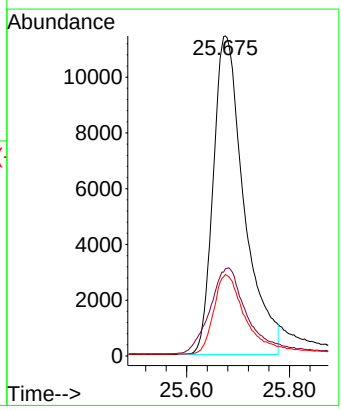


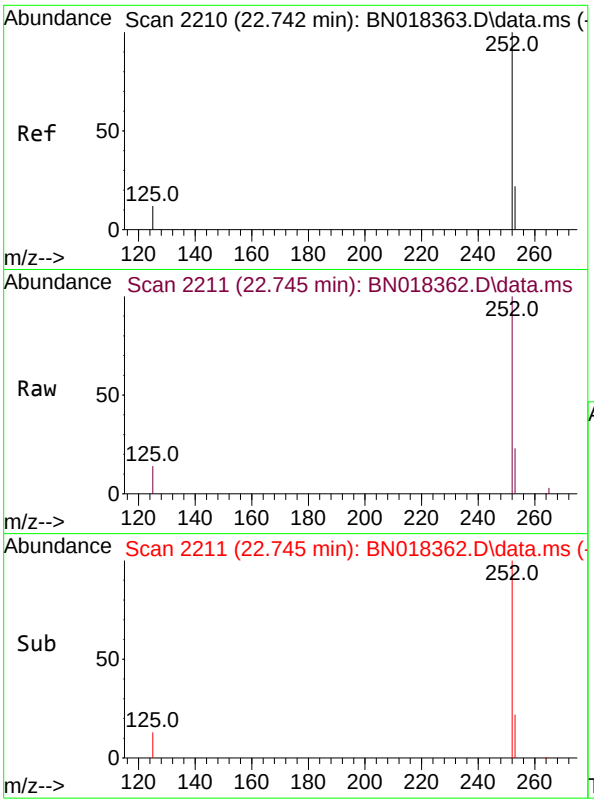


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.215 ng
RT: 25.675 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:276 Resp: 47422

Ion	Ratio	Lower	Upper
276	100		
138	31.4	14.9	22.3#
277	25.1	19.9	29.9



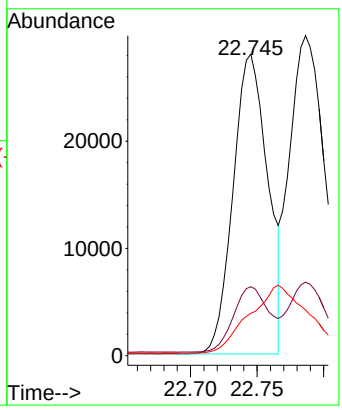


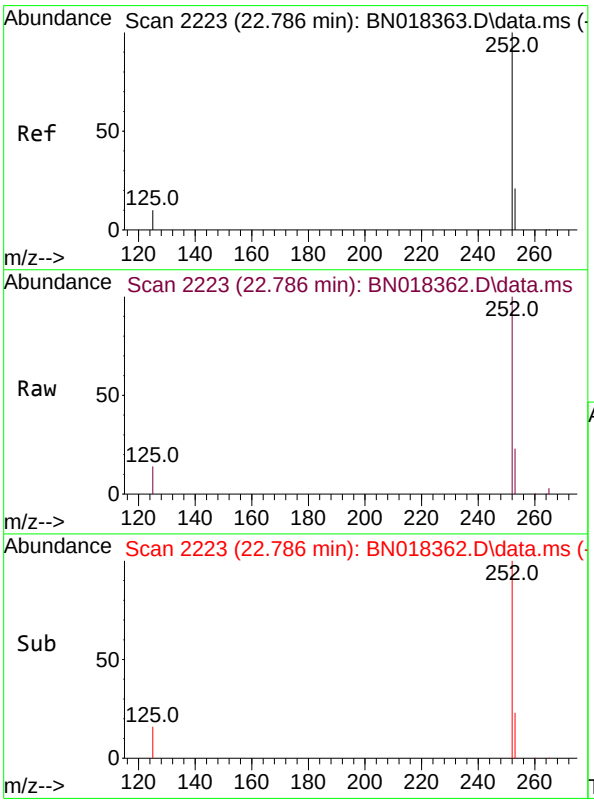
#37
Benzo(b)fluoranthene
Concen: 0.173 ng
RT: 22.745 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 50616

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.6
125	14.1	6.0	9.0#

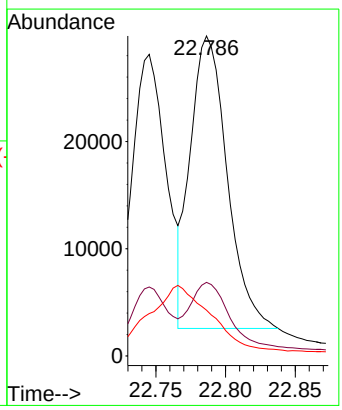


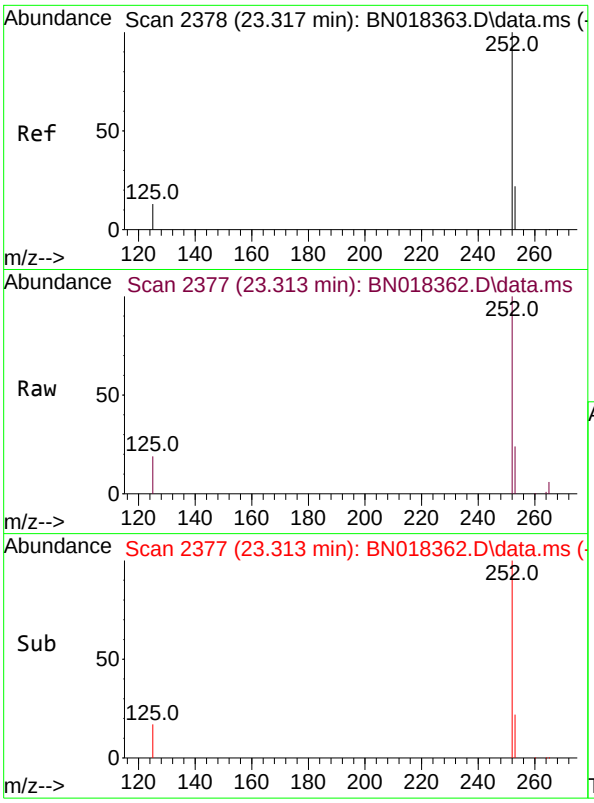


#38
Benzo(k)fluoranthene
Concen: 0.181 ng
RT: 22.786 min Scan# 2223
Delta R.T. 0.000 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:252 Resp: 50186

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	14.3	6.2	9.2#



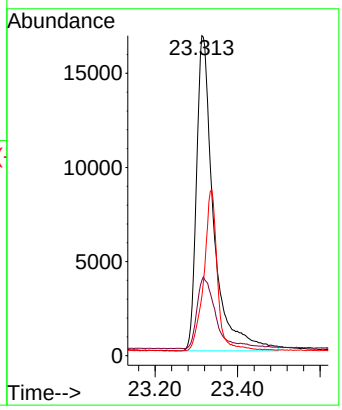


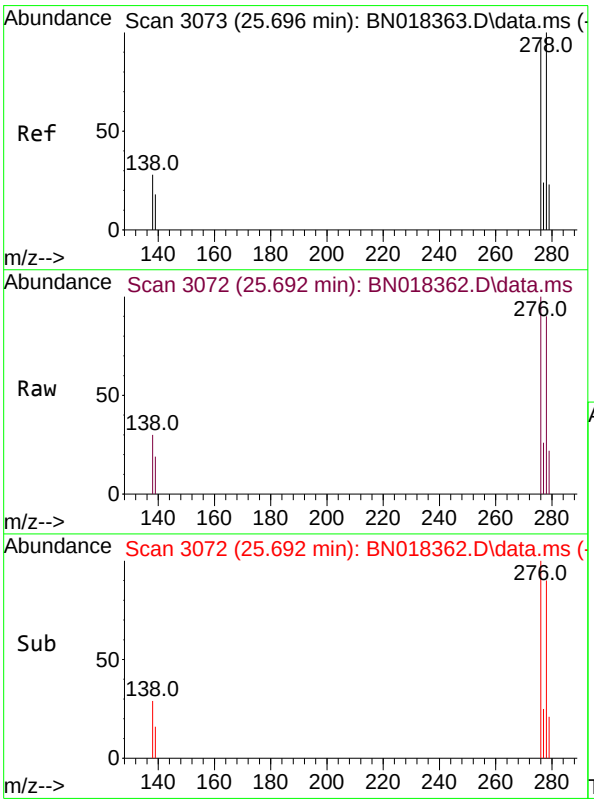
#39
Benzo(a)pyrene
Concen: 0.189 ng
RT: 23.313 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 48212

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.8	26.6
125	18.6	7.0	10.4#

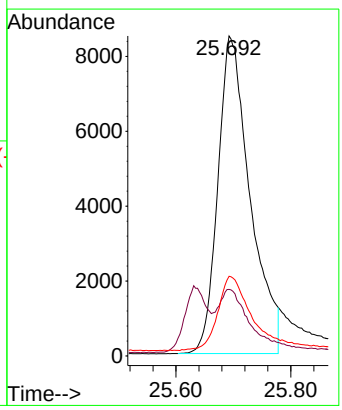


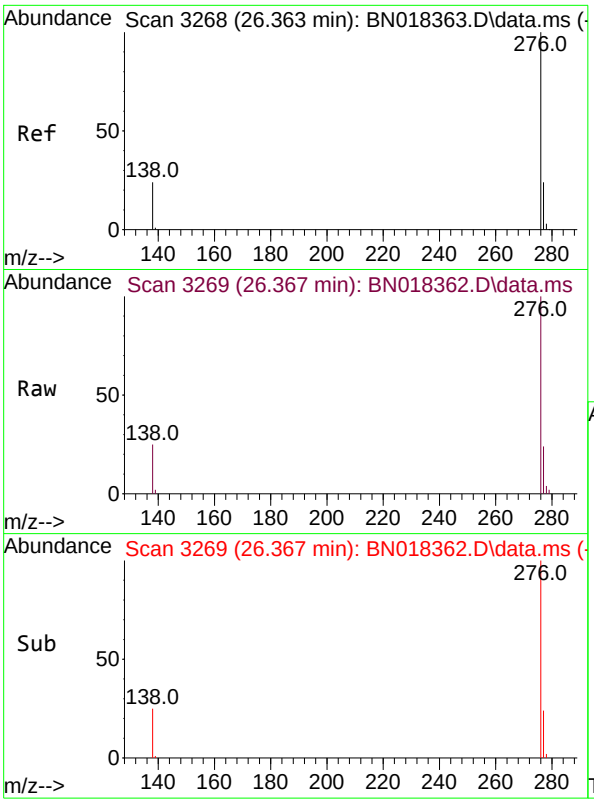


#40
Dibenzo(a,h)anthracene
Concen: 0.211 ng
RT: 25.692 min Scan# 3072
Delta R.T. -0.003 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Tgt Ion:278 Resp: 33067

Ion	Ratio	Lower	Upper
278	100		
139	20.8	10.8	16.2#
279	24.9	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.211 ng
RT: 26.367 min Scan# 3
Delta R.T. 0.004 min
Lab File: BN018362.D
Acq: 07 Jan 2022 10:26

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 46404

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.0	28.6
138	25.2	12.6	19.0#