Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019029.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01MSD 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Quant Time: Mar 22 02:31:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	8179	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	23464	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	13634	0.400	ng	-0.01
19) Phenanthrene-d10	17.225	188	24094	0.400	ng	-0.01
29) Chrysene-d12	21.413	240	13881	0.400	ng	# 0.00
35) Perylene-d12	23.785	264	13184	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.413	112	816	0.045	ng	0.00
5) Phenol-d6	7.017	99	735	0.038	ng	0.00
8) Nitrobenzene-d5	8.939	82	195	0.012	ng	-0.07
11) 2-Methylnaphthalene-d10	12.250	152	1380	0.035	ng	0.00
14) 2,4,6-Tribromophenol	15.974	330	206	0.031	ng	-0.01
15) 2-Fluorobiphenyl	13.116	172	1985	0.036	ng	-0.01
27) Fluoranthene-d10	19.261	212	2037	0.028	ng	0.00
31) Terphenyl-d14	19.860	244	1526	0.045	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.254	88	518	0.051	ng	# 72
3) n-Nitrosodimethylamine	3.579	42	735	0.062	ng	# 94
6) bis(2-Chloroethyl)ether	7.269	93	1298	0.057	ng	# 84
9) Naphthalene	10.712	128	7183	0.108	ng	96
10) Hexachlorobutadiene	11.011	225	1016	0.062	ng	# 99
12) 2-Methylnaphthalene	12.321	142	5029	0.111	ng	98
16) Acenaphthylene	14.206	152	8855	0.140	ng	98
17) Acenaphthene	14.549	154	11152	0.251	ng	99
18) Fluorene	15.532	166	14298	0.256	ng	96
20) 4,6-Dinitro-2-methylph...	15.618	198	66	0.124	ng	# 1
21) 4-Bromophenyl-phenylether	16.425	248	990	0.065	ng	# 88
22) Hexachlorobenzene	16.549	284	1276	0.065	ng	96
23) Atrazine	16.682	200	741	0.065	ng	# 83
24) Pentachlorophenol	16.887	266	663	0.110	ng	97
25) Phenanthrene	17.267	178	176563	2.343	ng	100
26) Anthracene	17.359	178	31737	0.498	ng	99
28) Fluoranthene	19.291	202	230253	2.604	ng	100
30) Pyrene	19.653	202	195319	2.825	ng	# 96
32) Benzo(a)anthracene	21.404	228	66323	1.550	ng	97
33) Chrysene	21.449	228	70072	1.215	ng	97
34) Bis(2-ethylhexyl)phtha...	21.333	149	13196	0.465	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.229	276	33148	0.697	ng	# 88
37) Benzo(b)fluoranthene	23.065	252	70932	1.475	ng	97
38) Benzo(k)fluoranthene	23.252	252	8280	0.126	ng	# 71
39) Benzo(a)pyrene	23.679	252	49998	1.143	ng	97
40) Dibenzo(a,h)anthracene	26.246	278	8208	0.221	ng	# 78
41) Benzo(g,h,i)perylene	26.983	276	38053	0.815	ng	99

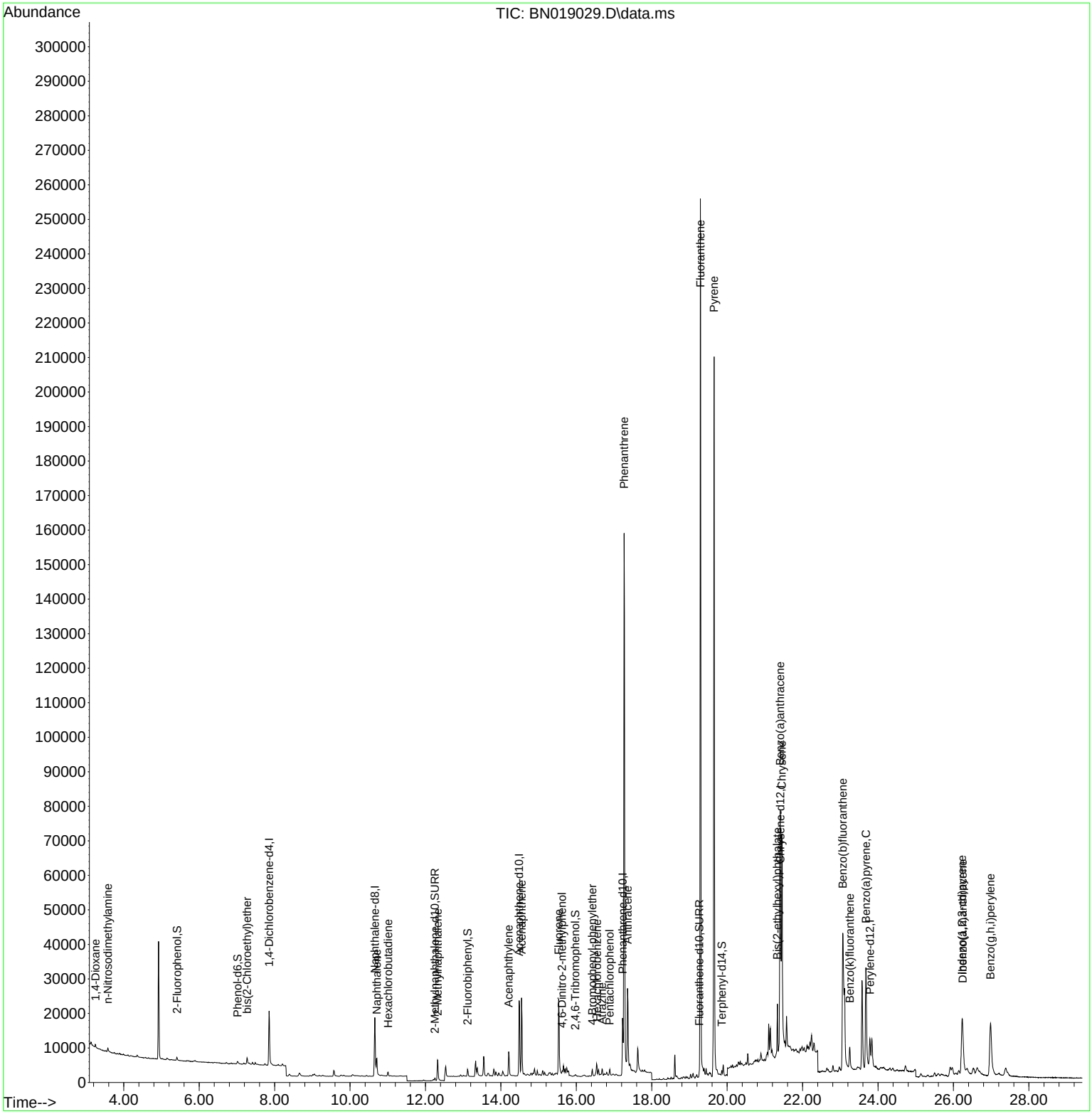
(#) = qualifier out of range (m) = manual integration (+) = signals summed

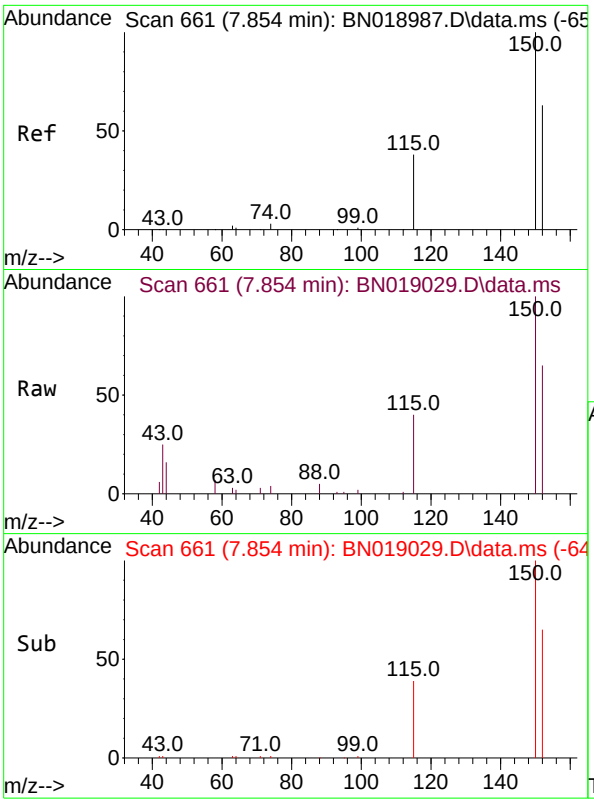
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019029.D
Acq On : 21 Mar 2022 19:07
Operator : CG/JU
Sample : N2007-01MSD 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Quant Time: Mar 22 02:31:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration



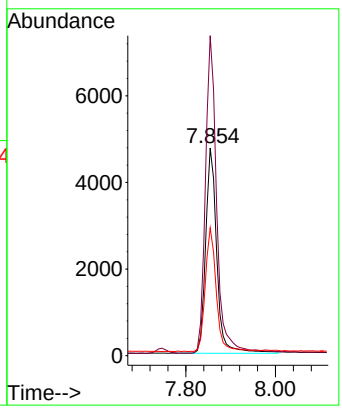


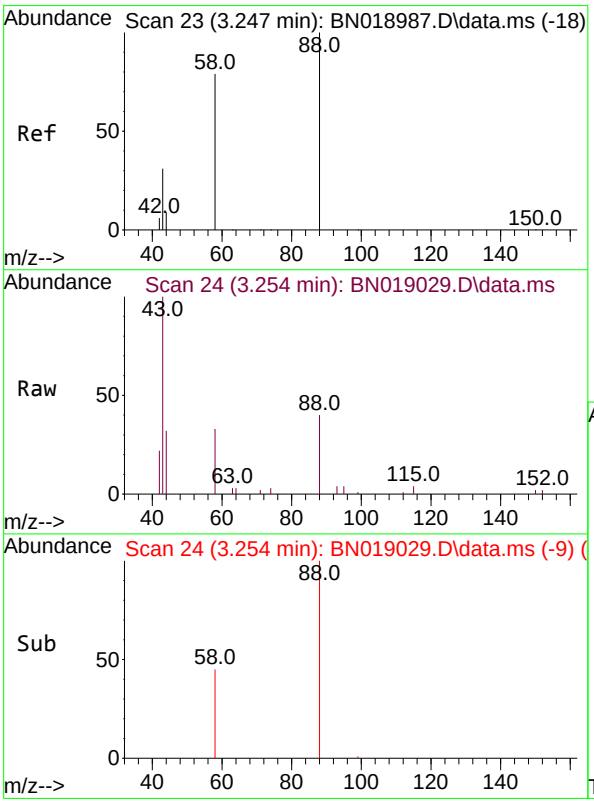
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.854 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:152 Resp: 8179

Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.9	185.9
115	61.6	48.2	72.4

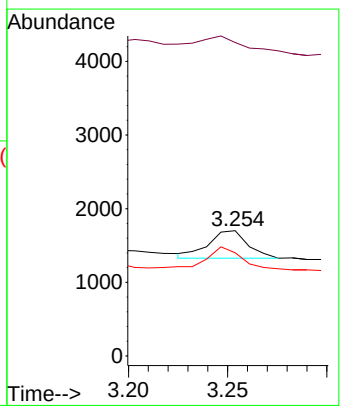


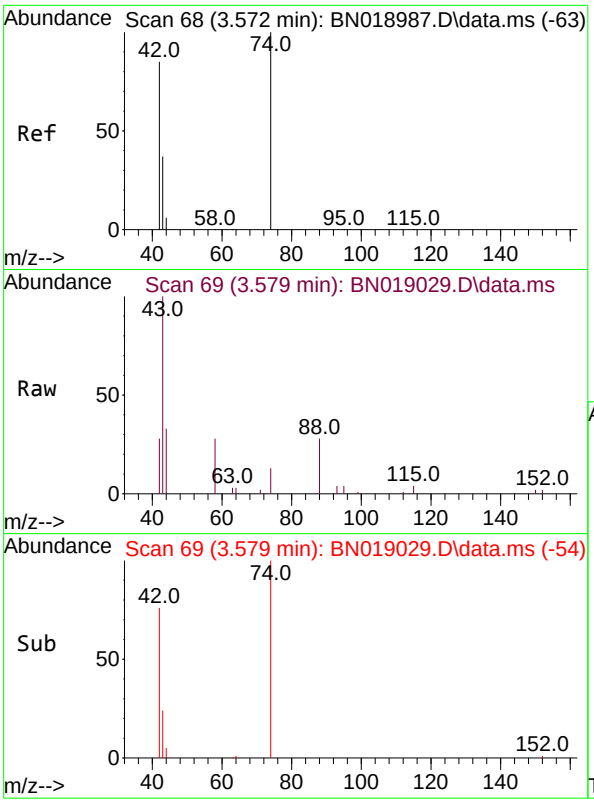


#2
1,4-Dioxane
Concen: 0.051 ng
RT: 3.254 min Scan# 24
Delta R.T. 0.007 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion: 88 Resp: 518

Ion	Ratio	Lower	Upper
88	100		
43	76.1	24.6	37.0#
58	75.5	65.4	98.2



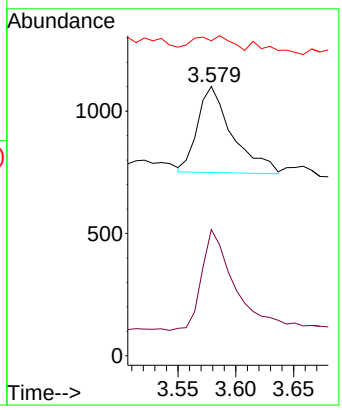


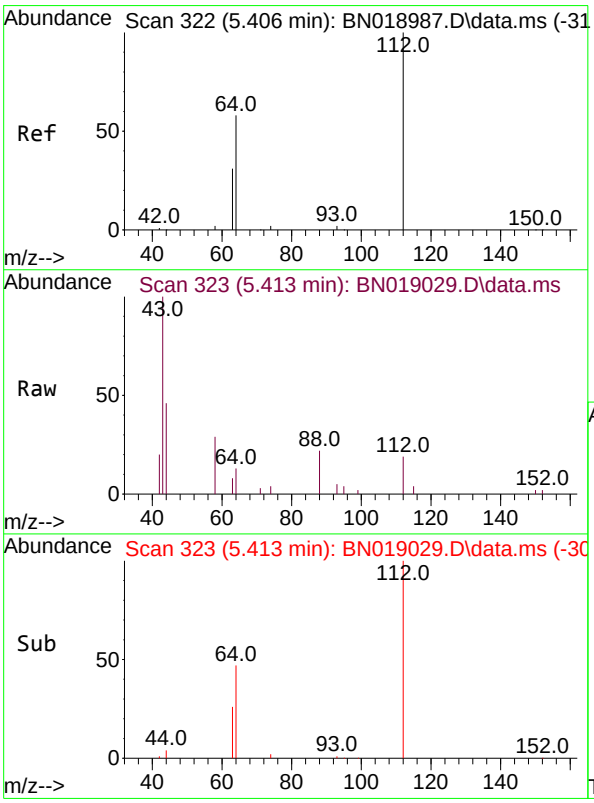
#3
n-Nitrosodimethylamine
Concen: 0.062 ng
RT: 3.579 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion: 42 Resp: 735

Ion	Ratio	Lower	Upper
42	100		
74	116.1	96.9	145.3
44	20.3	7.3	10.9#

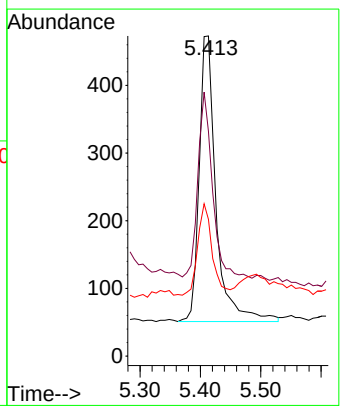


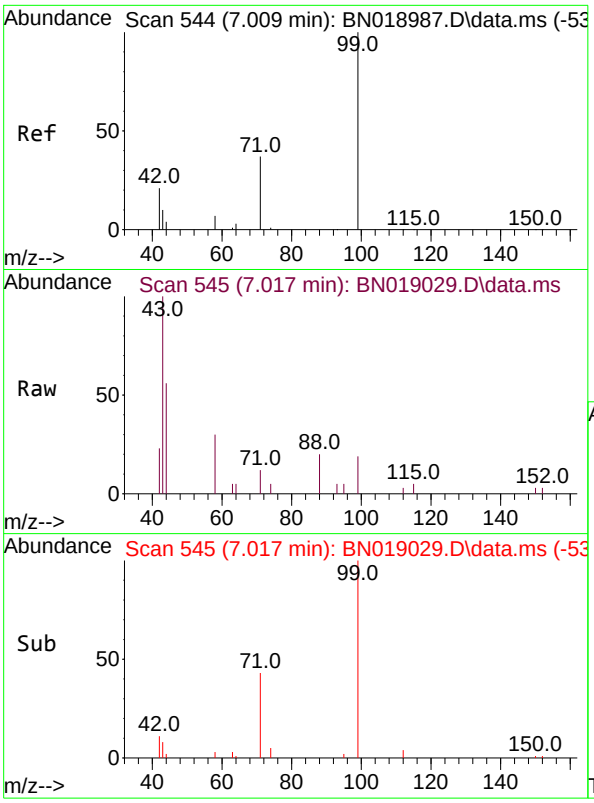


#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.413 min Scan# 323
Delta R.T. 0.007 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:112 Resp: 816

Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.8	71.8
63	27.5	25.7	38.5



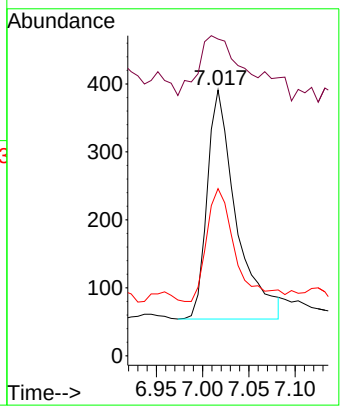


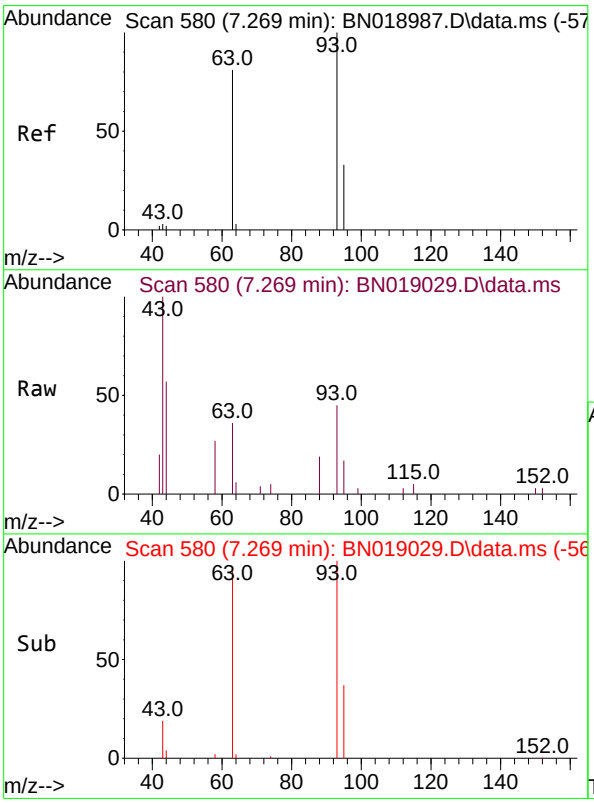
#5
Phenol-d6
Concen: 0.038 ng
RT: 7.017 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion: 99 Resp: 735

Ion	Ratio	Lower	Upper
99	100		
42	35.4	16.2	24.4#
71	47.5	27.7	41.5#

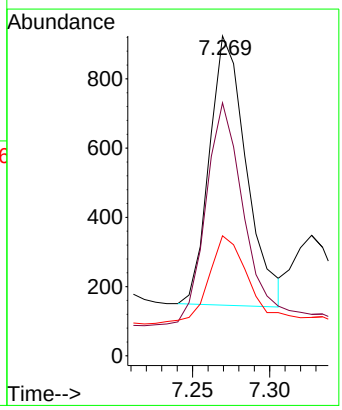


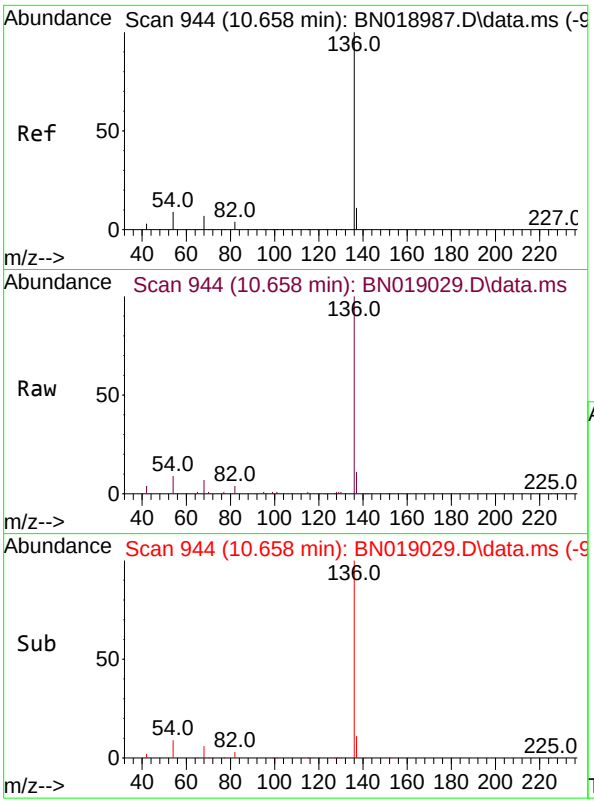


#6
bis(2-Chloroethyl)ether
Concen: 0.057 ng
RT: 7.269 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion: 93 Resp: 1298

Ion	Ratio	Lower	Upper
93	100		
63	93.4	62.8	94.2
95	40.5	26.2	39.4#



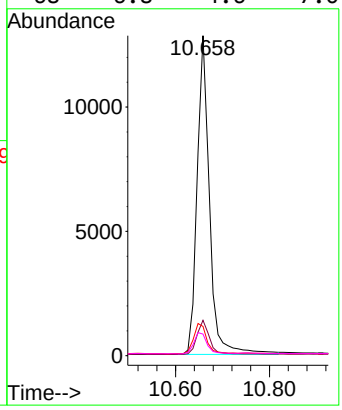


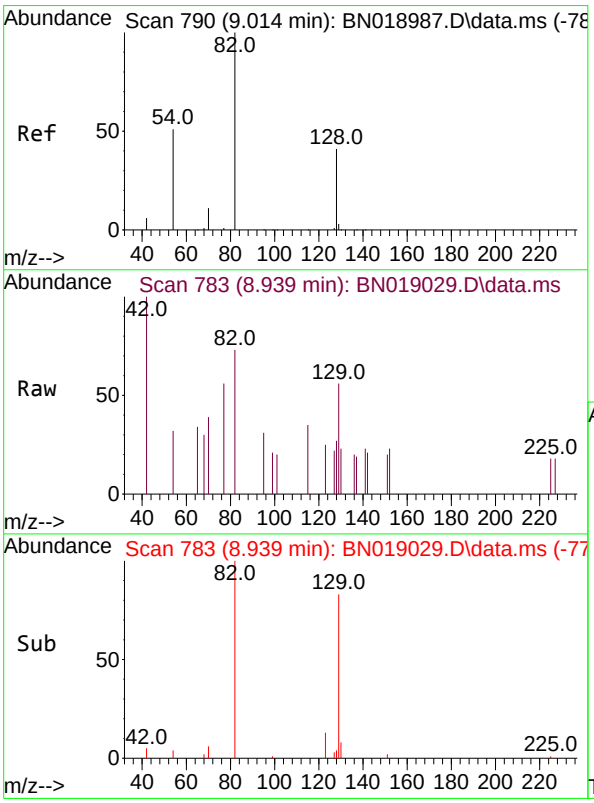
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:136 Resp: 23464

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	9.2	5.8	8.6#
68	6.8	4.6	7.0

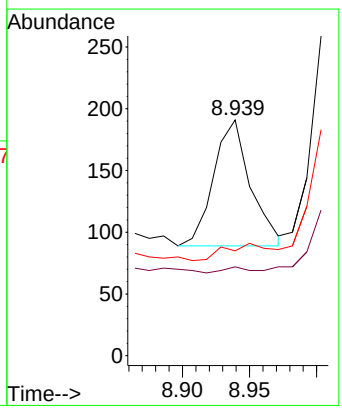


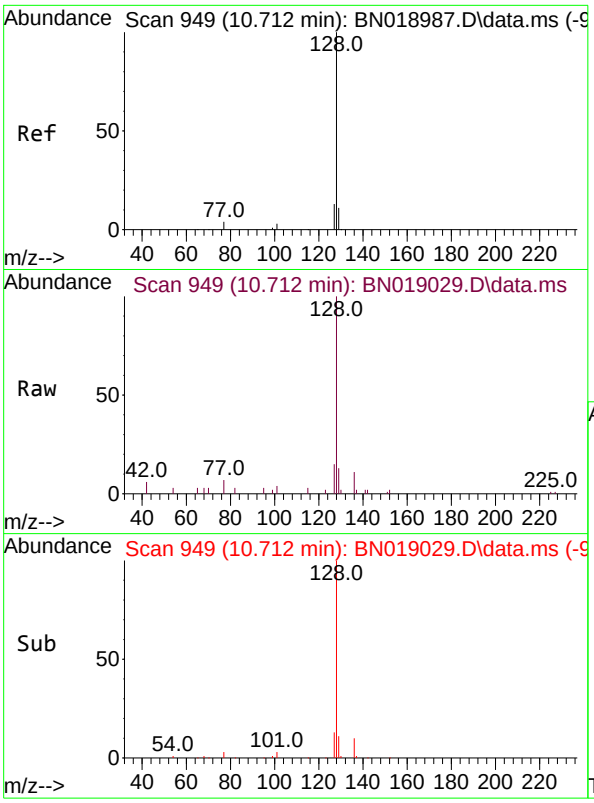


#8
Nitrobenzene-d5
Concen: 0.012 ng
RT: 8.939 min Scan# 783
Delta R.T. -0.075 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion: 82 Resp: 195

Ion	Ratio	Lower	Upper
82	100		
128	37.7	33.0	49.6
54	44.5	42.5	63.7



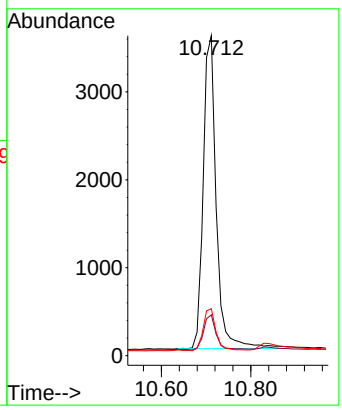


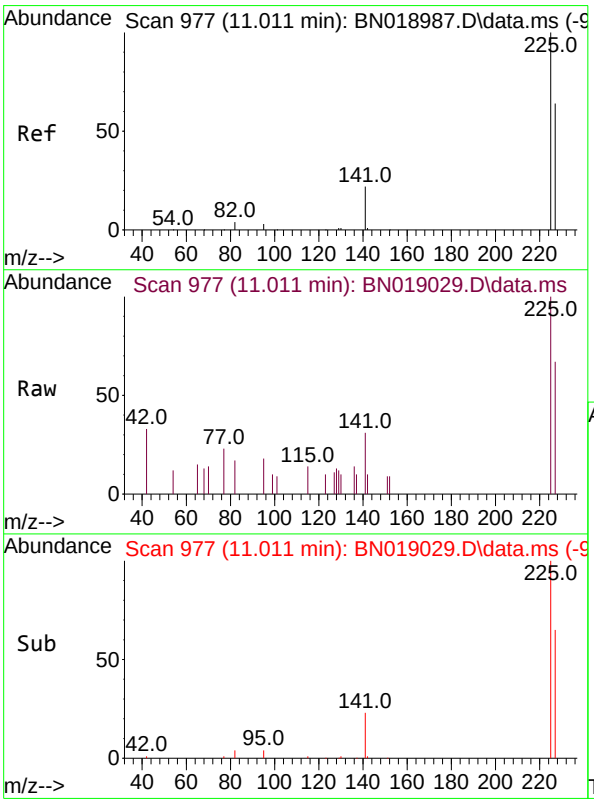
#9
Naphthalene
Concen: 0.108 ng
RT: 10.712 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:128 Resp: 7183

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.0	13.4
127	14.7	10.7	16.1

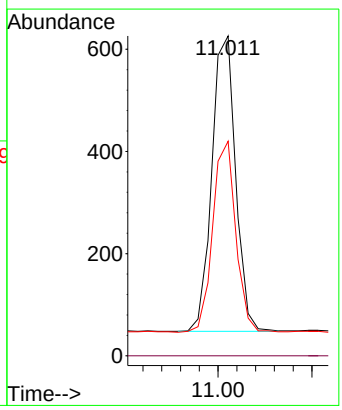


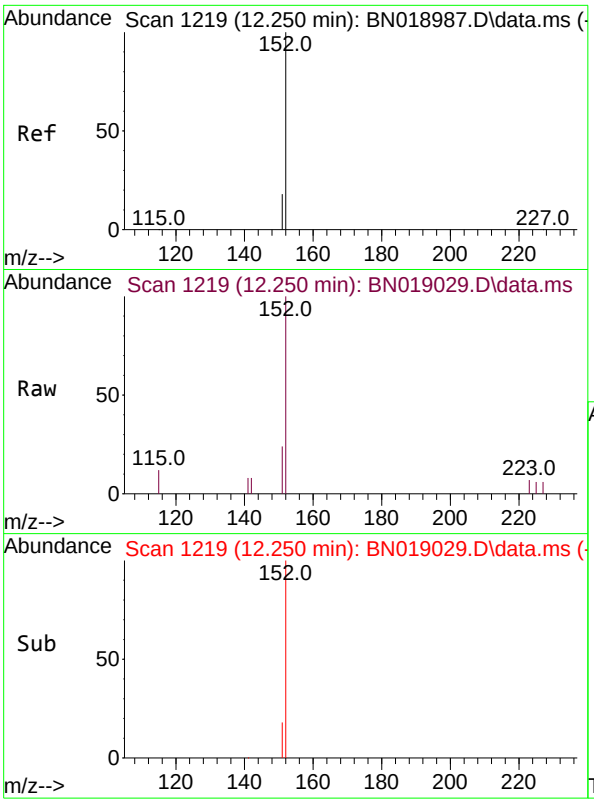


#10
Hexachlorobutadiene
Concen: 0.062 ng
RT: 11.011 min Scan# 977
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:225 Resp: 1016

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.0	76.6



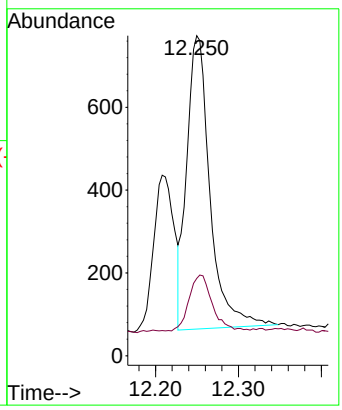


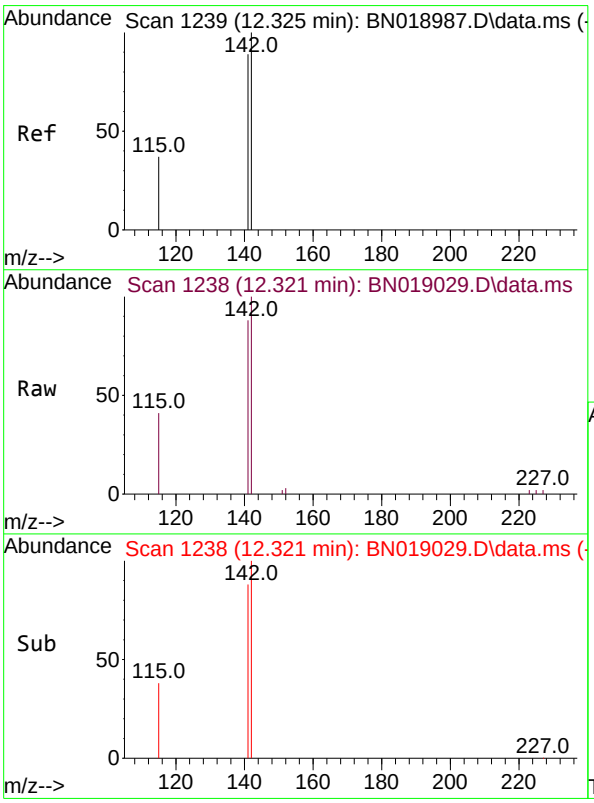
#11
2-Methylnaphthalene-d10
Concen: 0.035 ng
RT: 12.250 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:152 Resp: 1380

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.5	24.7

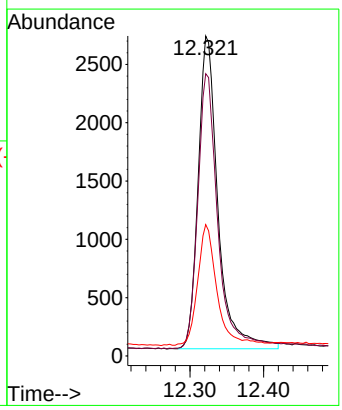


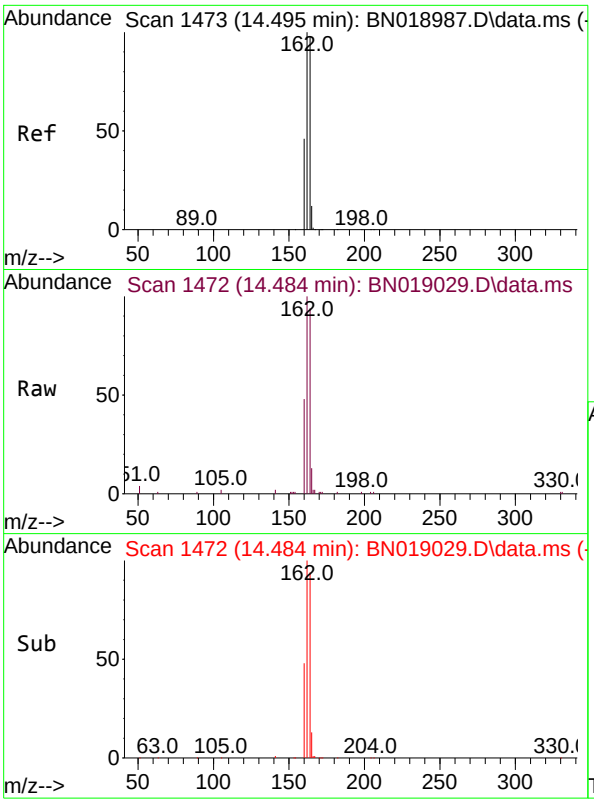


#12
2-Methylnaphthalene
Concen: 0.111 ng
RT: 12.321 min Scan# 1238
Delta R.T. -0.004 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:142 Resp: 5029

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.0	105.0
115	41.0	29.8	44.8



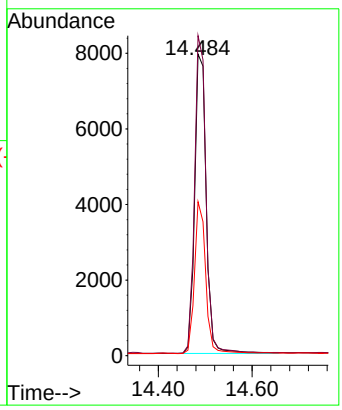


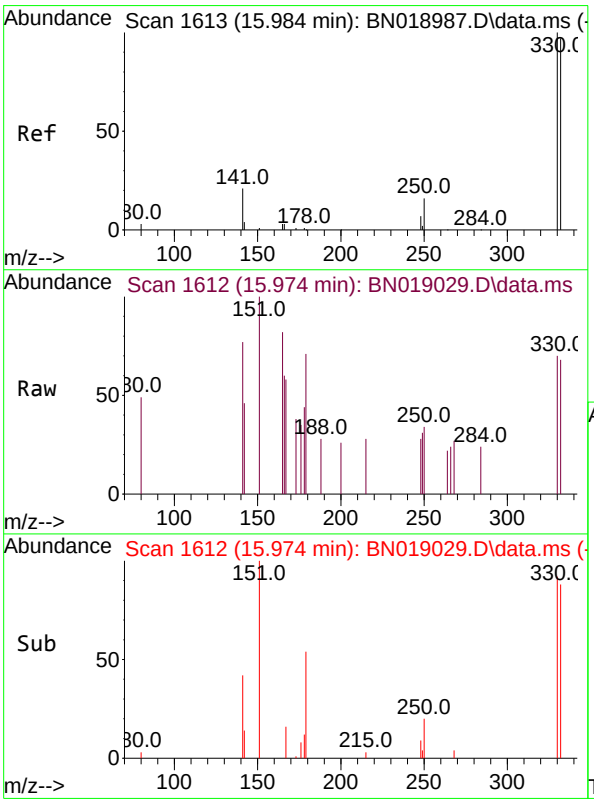
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:164 Resp: 13634

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.2	127.8
160	51.0	41.5	62.3

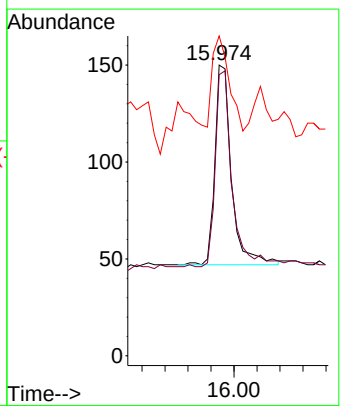


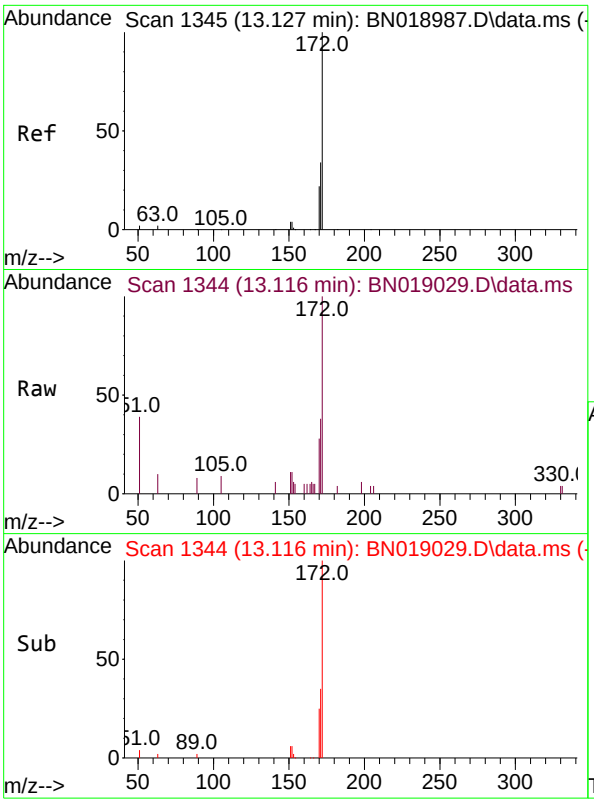


#14
2,4,6-Tribromophenol
Concen: 0.031 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:330 Resp: 206

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	48.1	32.2	48.2



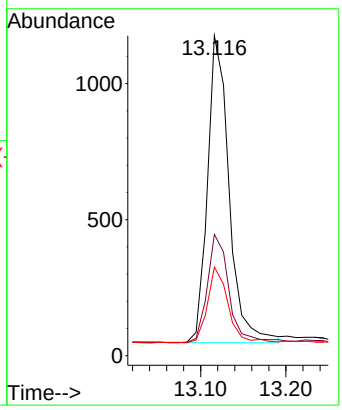


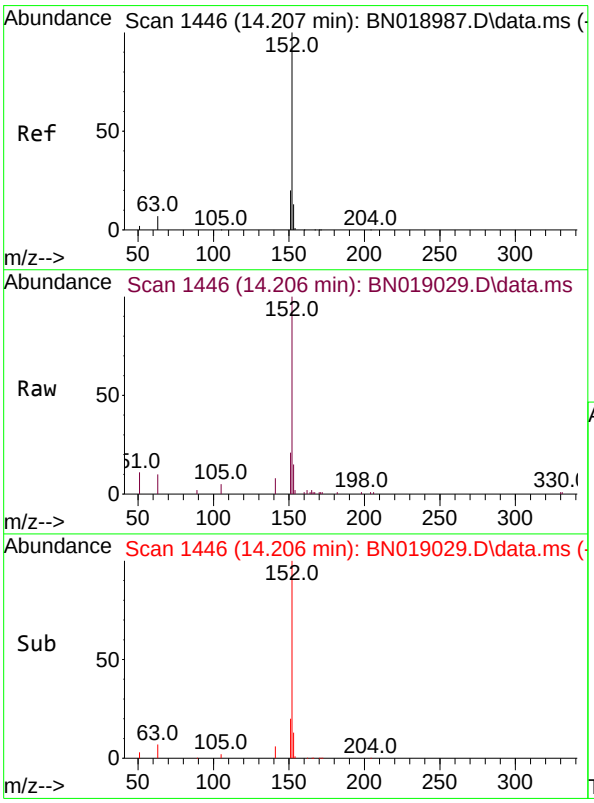
#15
2-Fluorobiphenyl
Concen: 0.036 ng
RT: 13.116 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:172 Resp: 1985

Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.2	42.2
170	27.7	18.7	28.1

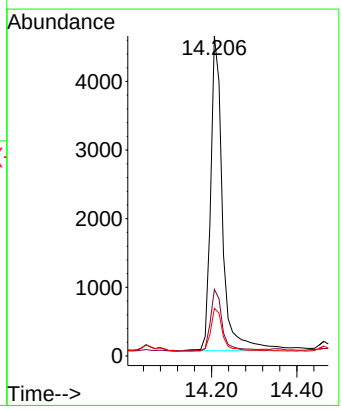


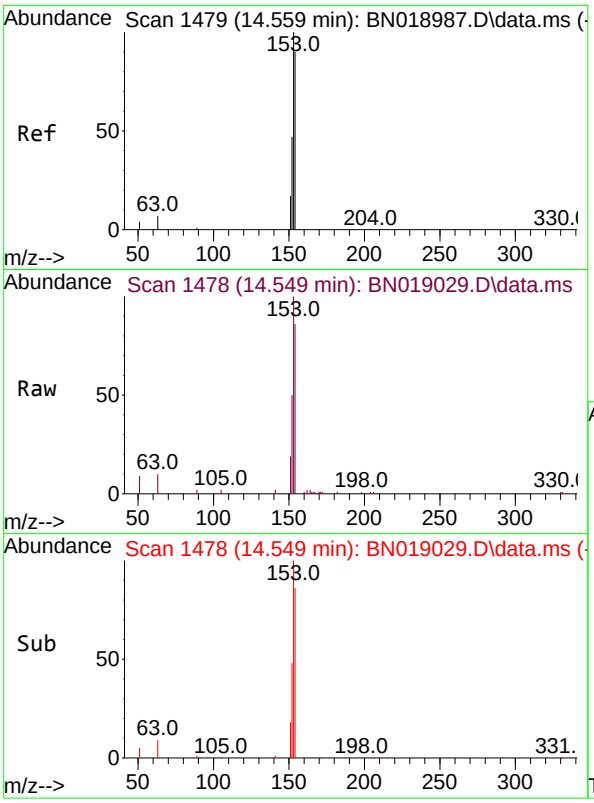


#16
Acenaphthylene
Concen: 0.140 ng
RT: 14.206 min Scan# 1446
Delta R.T. -0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:152 Resp: 8855

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.9	23.9
153	13.9	10.6	15.8



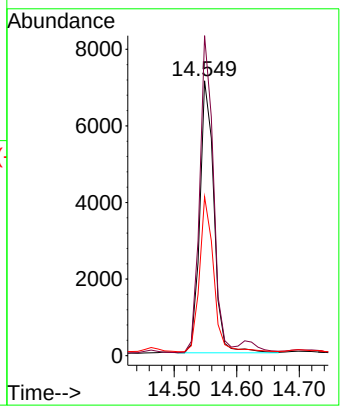


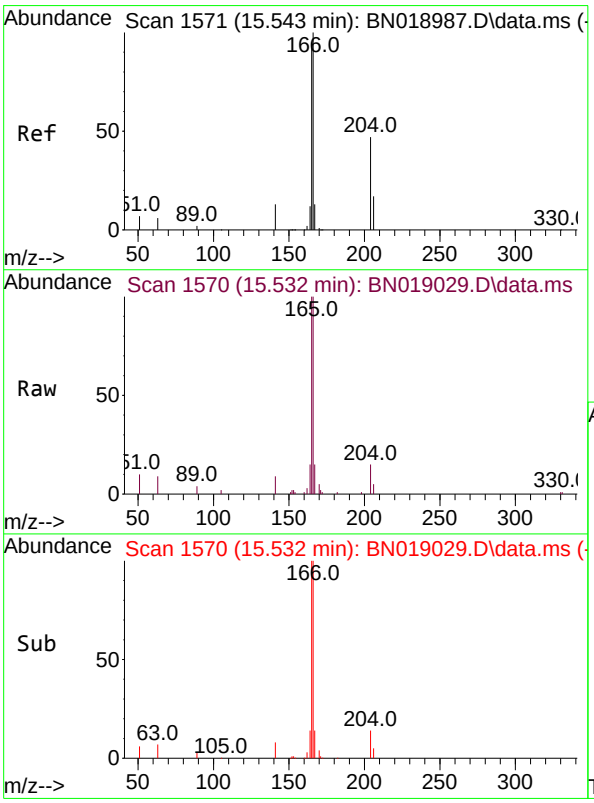
#17
Acenaphthene
Concen: 0.251 ng
RT: 14.549 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:154 Resp: 11152

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.7	134.5
152	56.5	44.7	67.1

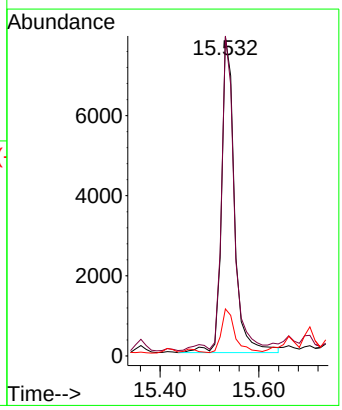


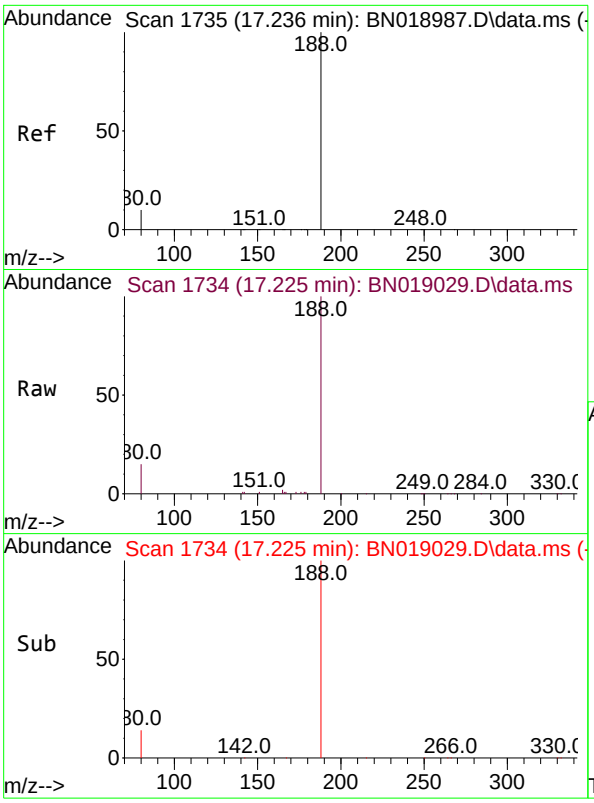


#18
Fluorene
Concen: 0.256 ng
RT: 15.532 min Scan# 1570
Delta R.T. -0.011 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:166 Resp: 14298

Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.2	118.8
167	14.5	10.7	16.1



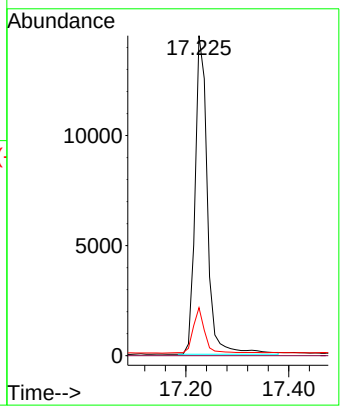


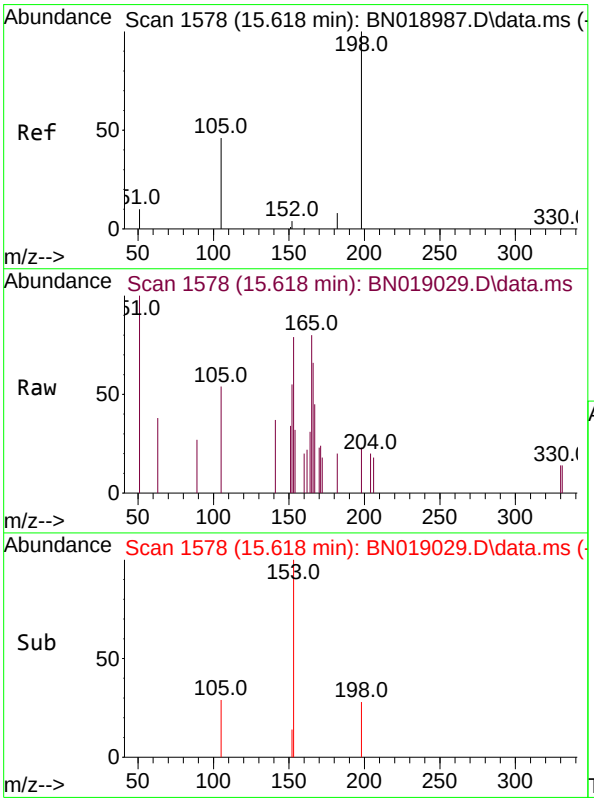
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:188 Resp: 24094

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.0	11.8	17.8

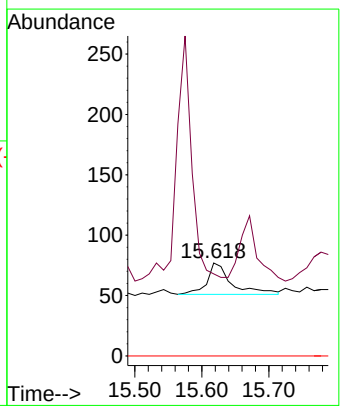


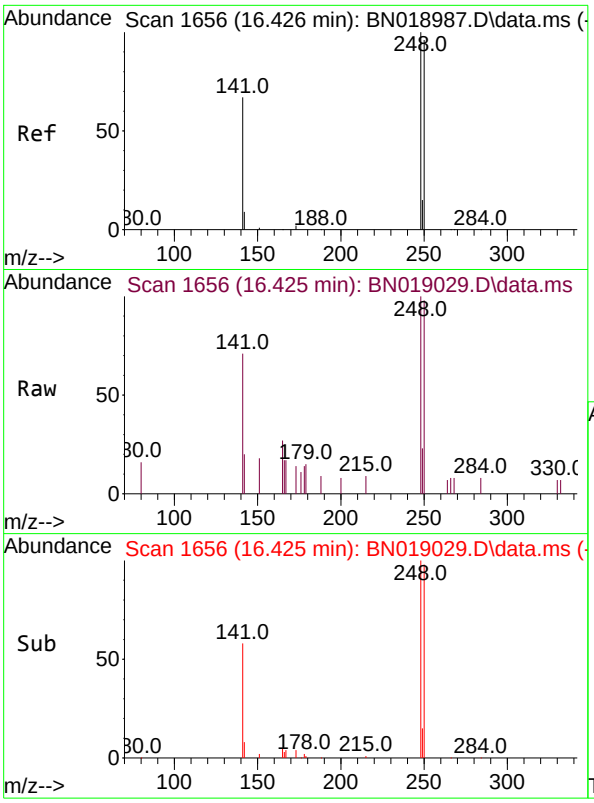


#20
4,6-Dinitro-2-methylphenol
Concen: 0.124 ng
RT: 15.618 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:198 Resp: 66

Ion	Ratio	Lower	Upper
198	100		
182	88.3	13.0	19.4#
77	0.0	0.0	0.0



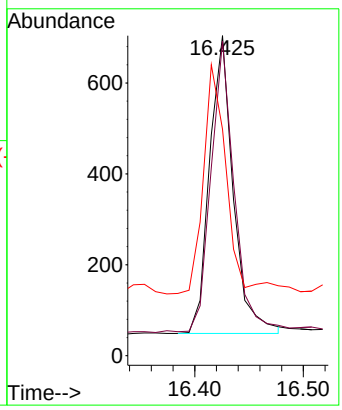


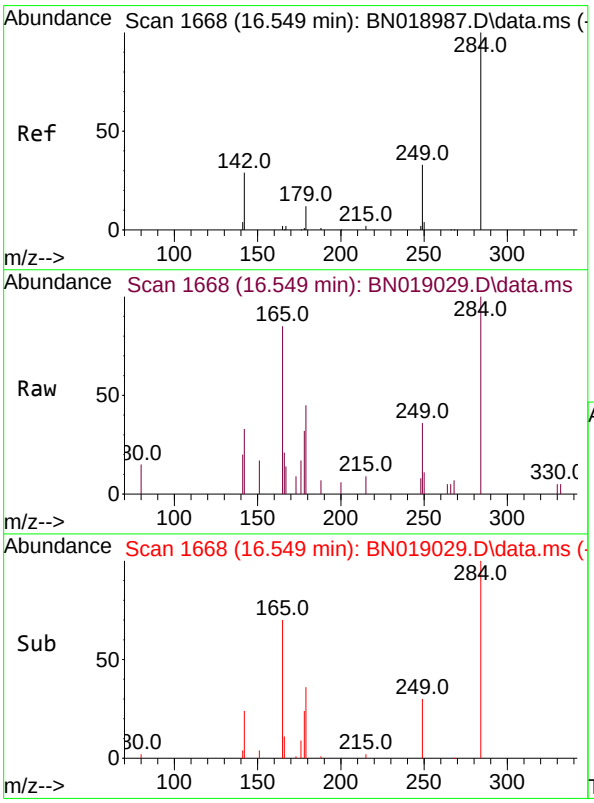
#21
4-Bromophenyl-phenylether
Concen: 0.065 ng
RT: 16.425 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:248 Resp: 990

Ion	Ratio	Lower	Upper
248	100		
250	98.3	80.7	121.1
141	70.7	39.6	59.4#

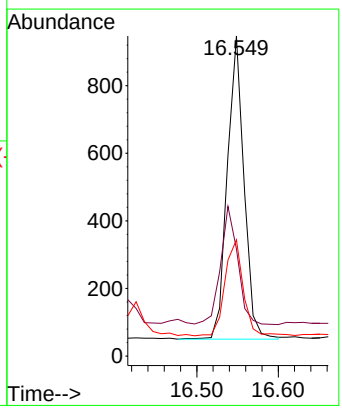


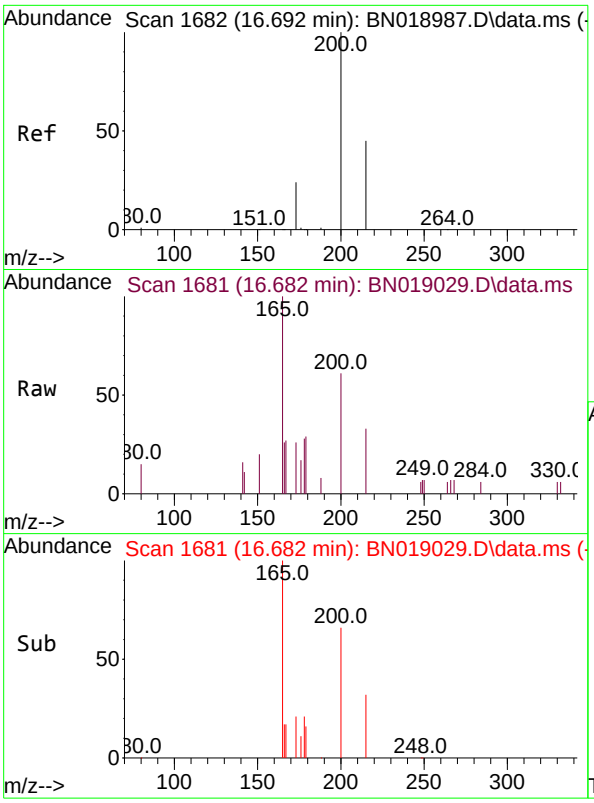


#22
Hexachlorobenzene
Concen: 0.065 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:284 Resp: 1276

Ion	Ratio	Lower	Upper
284	100		
142	40.0	29.8	44.8
249	34.4	26.2	39.2



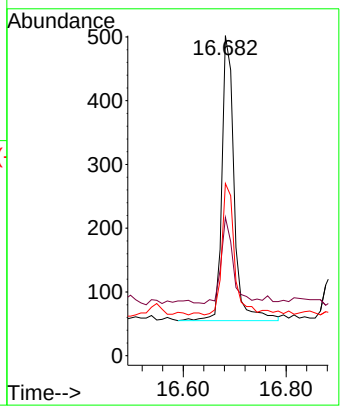


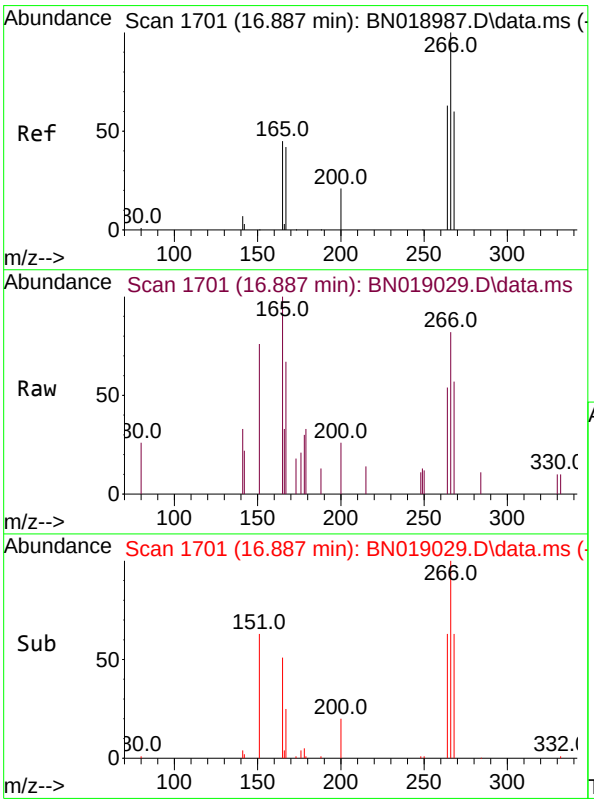
#23
Atrazine
Concen: 0.065 ng
RT: 16.682 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:200 Resp: 741

Ion	Ratio	Lower	Upper
200	100		
173	43.2	23.9	35.9#
215	53.8	36.6	54.8

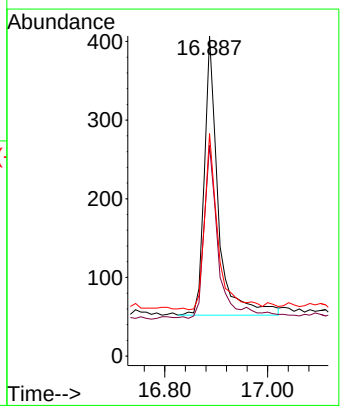


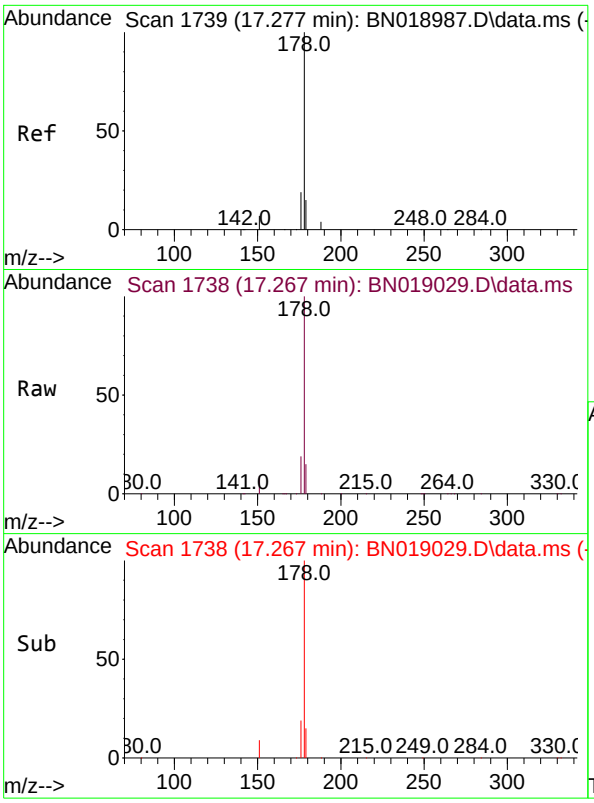


#24
Pentachlorophenol
Concen: 0.110 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:266 Resp: 663

Ion	Ratio	Lower	Upper
266	100		
264	64.1	50.2	75.4
268	60.8	51.9	77.9



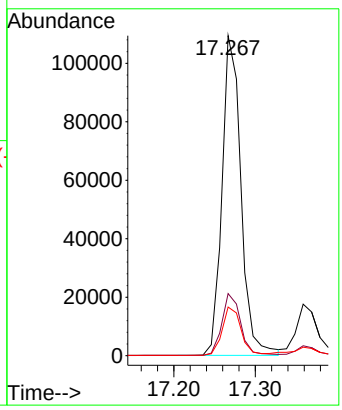


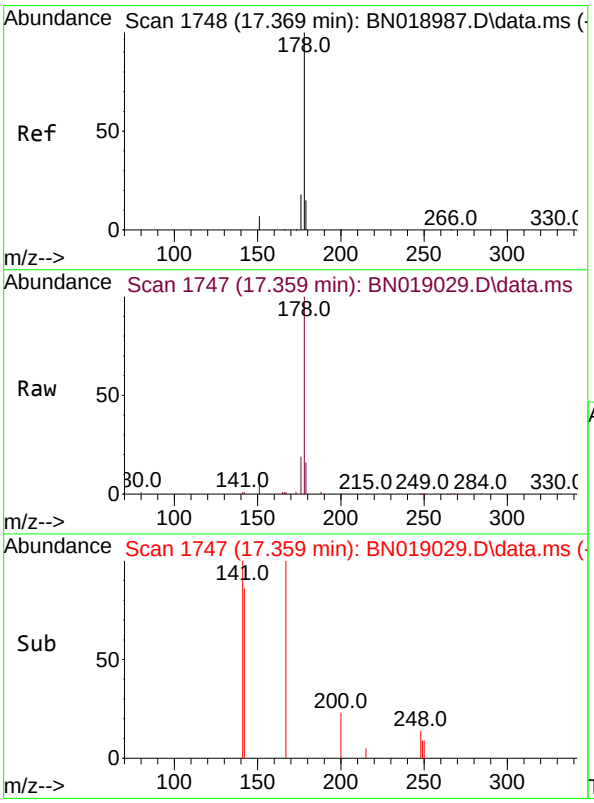
#25
Phenanthrene
Concen: 2.343 ng
RT: 17.267 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:178 Resp: 176563

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.0	12.2	18.2

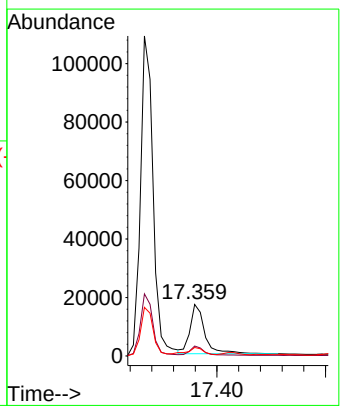


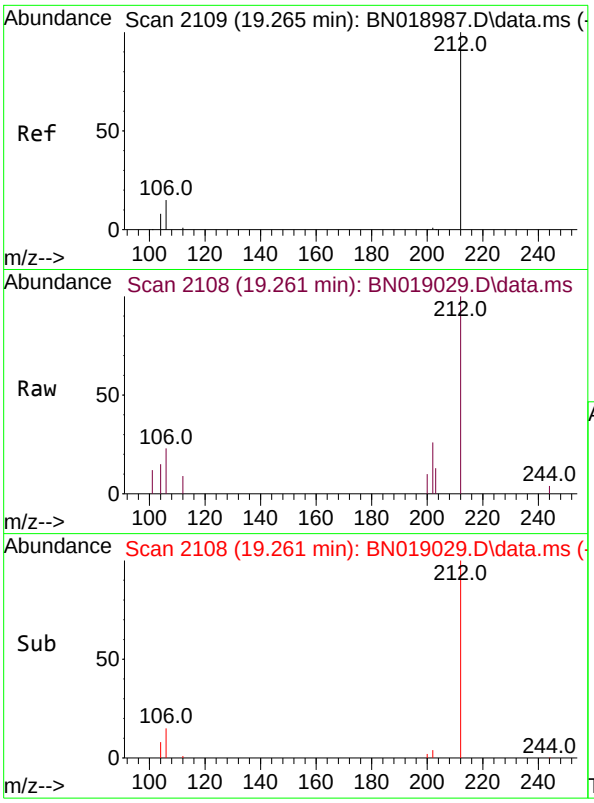


#26
Anthracene
Concen: 0.498 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.010 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:178 Resp: 31737

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.8	22.2
179	14.7	12.2	18.4



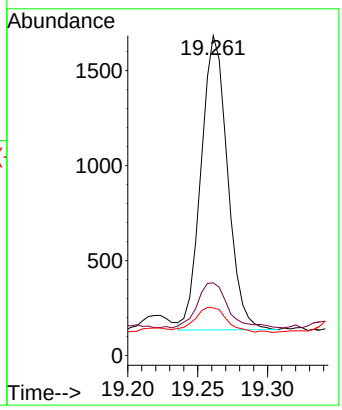


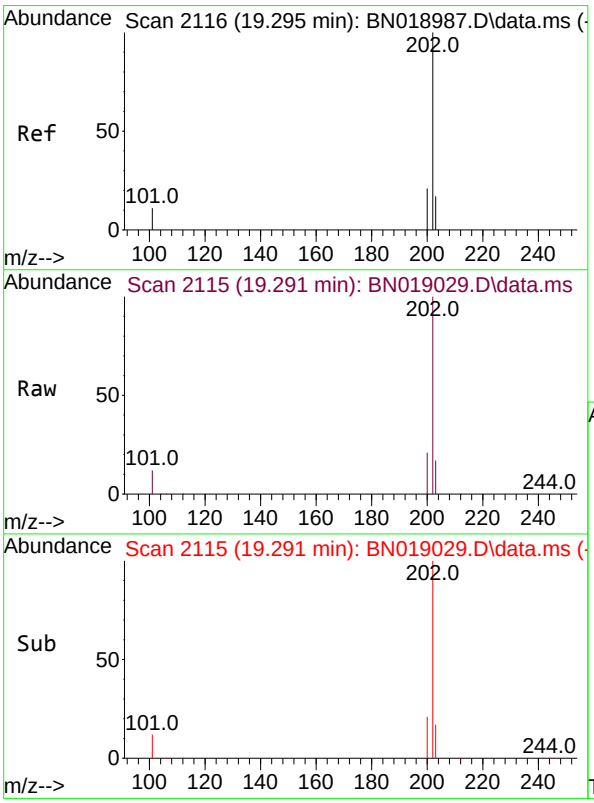
#27
Fluoranthene-d10
Concen: 0.028 ng
RT: 19.261 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:212 Resp: 2037

Ion	Ratio	Lower	Upper
212	100		
106	17.7	12.7	19.1
104	10.7	7.1	10.7

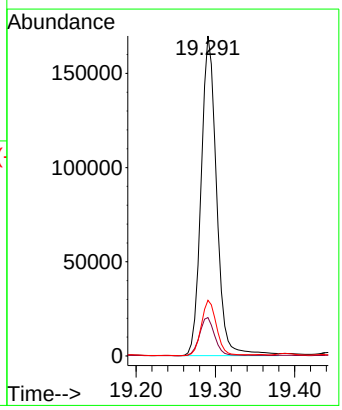


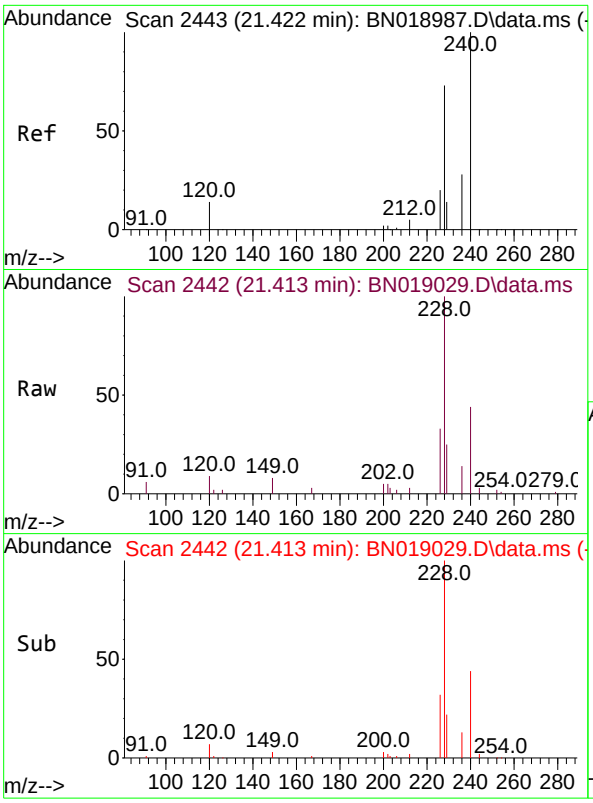


#28
Fluoranthene
Concen: 2.604 ng
RT: 19.291 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:202 Resp: 230253

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.8	14.6
203	17.0	13.7	20.5



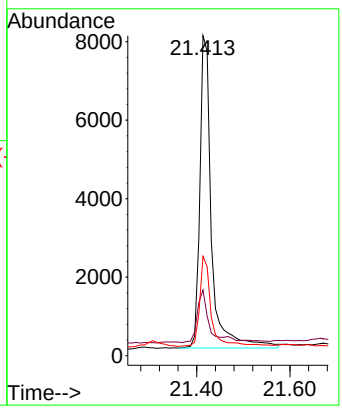


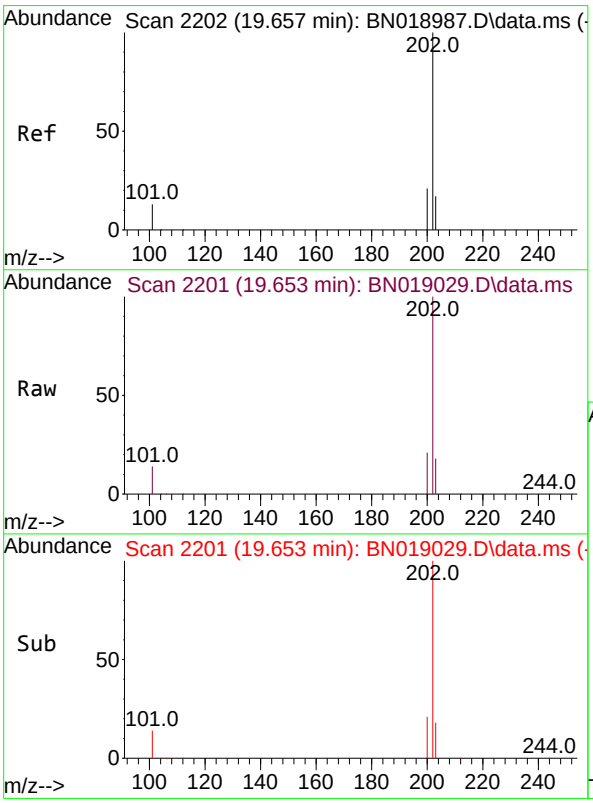
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:240 Resp: 13881

Ion	Ratio	Lower	Upper
240	100		
120	20.5	8.5	12.7#
236	31.1	22.4	33.6

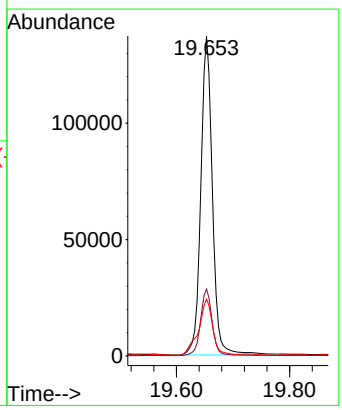


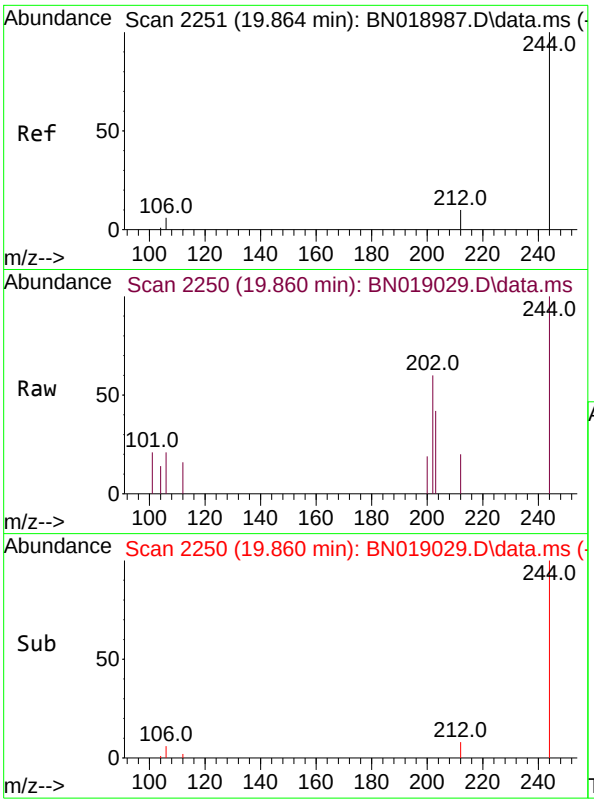


#30
Pyrene
Concen: 2.825 ng
RT: 19.653 min Scan# 2201
Delta R.T. -0.004 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:202 Resp: 195319

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	21.3	14.2	21.2#



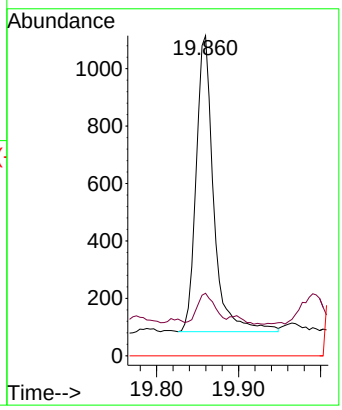


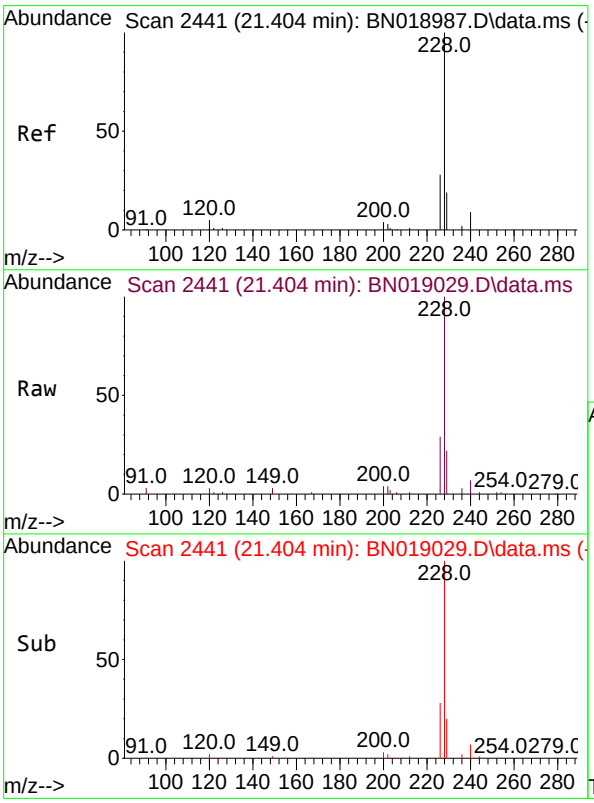
#31
Terphenyl-d14
Concen: 0.045 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:244 Resp: 1526

Ion	Ratio	Lower	Upper
244	100		
212	19.6	8.2	12.4#
122	0.0	0.0	0.0

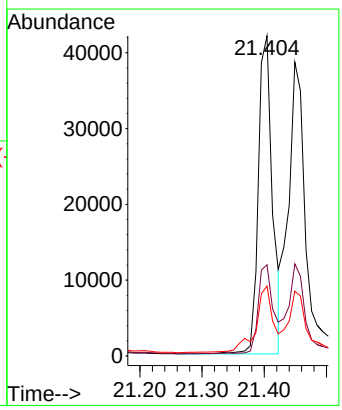


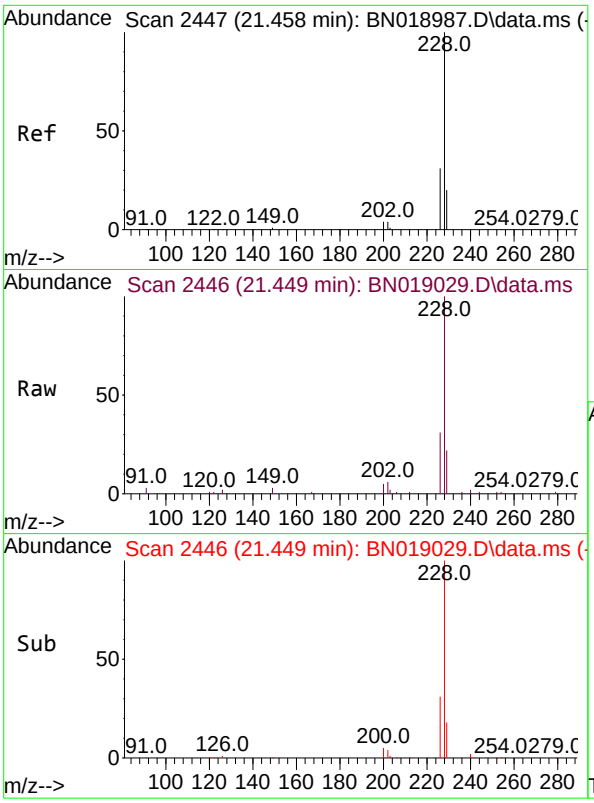


#32
Benzo(a)anthracene
Concen: 1.550 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:228 Resp: 66323

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	21.8	16.0	24.0



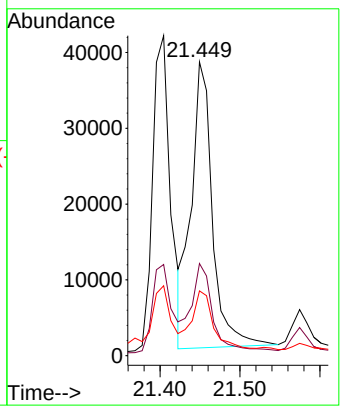


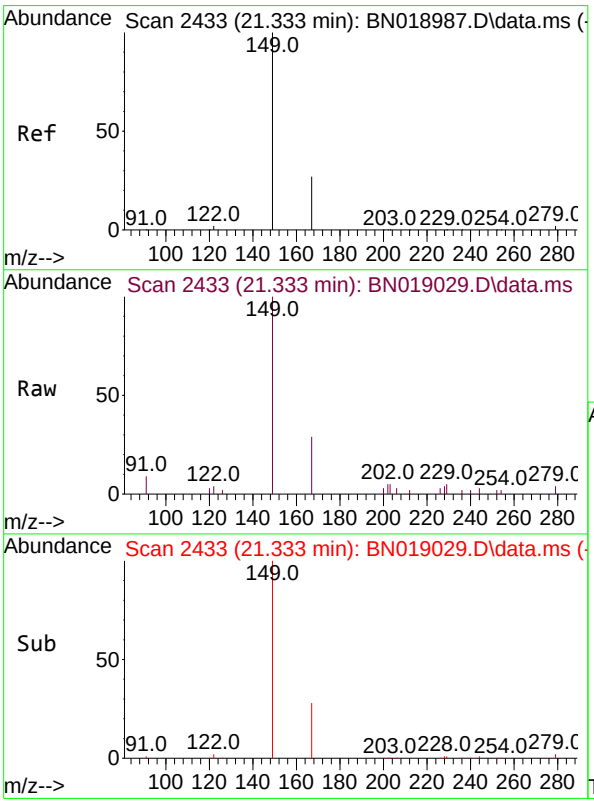
#33
Chrysene
Concen: 1.215 ng
RT: 21.449 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:228 Resp: 70072

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	22.0	15.9	23.9

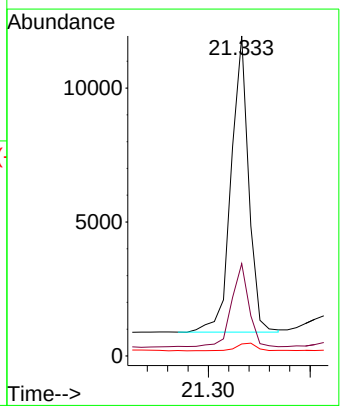


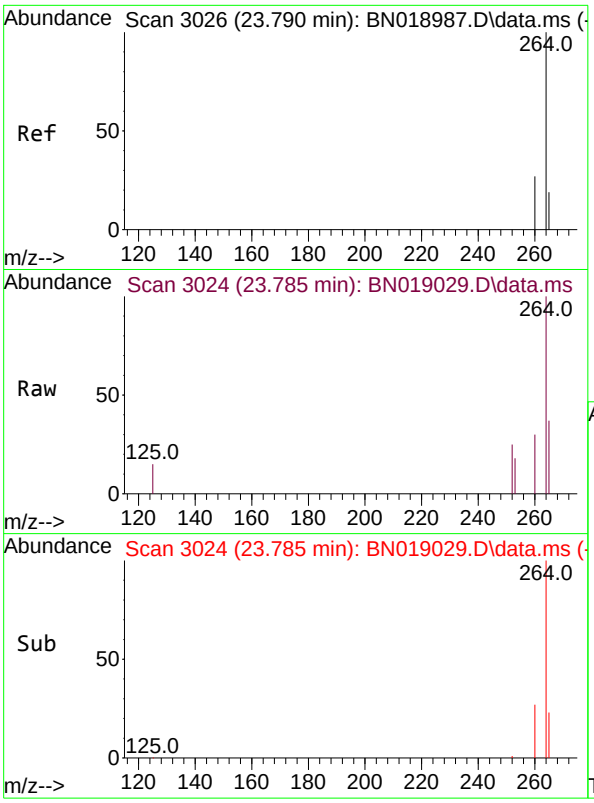


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.465 ng
RT: 21.333 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:149 Resp: 13196

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	3.3	2.0	3.0#



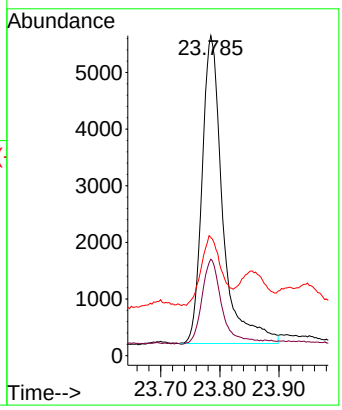


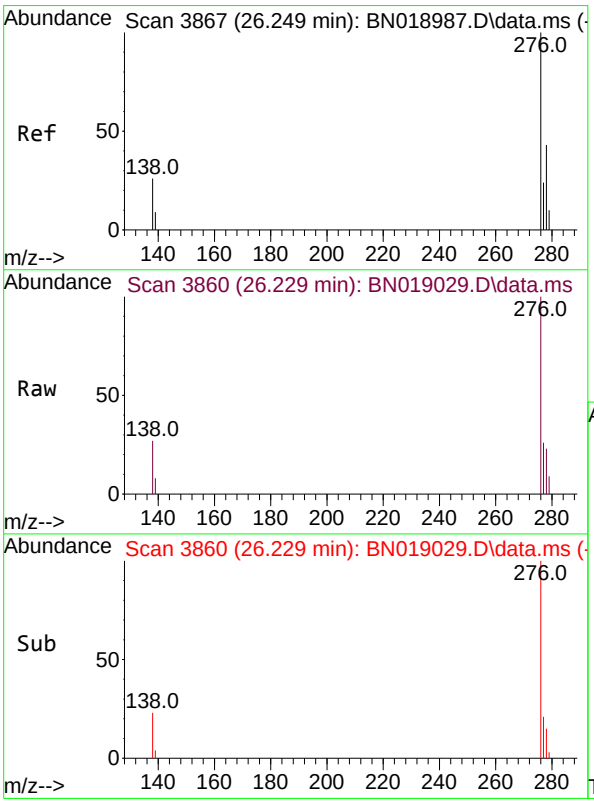
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.785 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:264 Resp: 13184

Ion	Ratio	Lower	Upper
264	100		
260	30.1	22.4	33.6
265	37.0	25.3	37.9

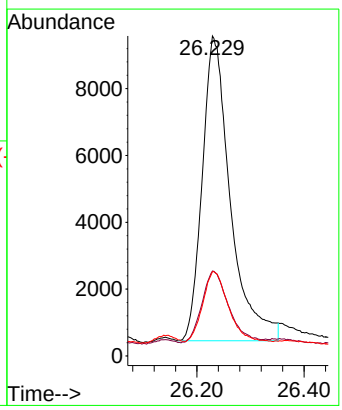


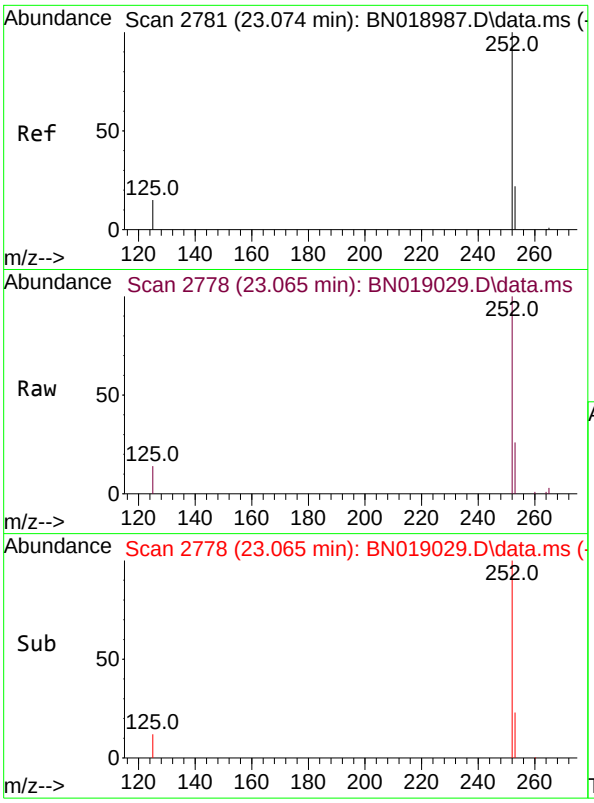


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.697 ng
RT: 26.229 min Scan# 3860
Delta R.T. -0.020 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:276 Resp: 33148

Ion	Ratio	Lower	Upper
276	100		
138	22.6	24.5	36.7#
277	20.7	19.8	29.8



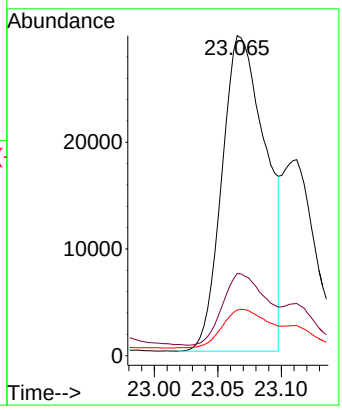


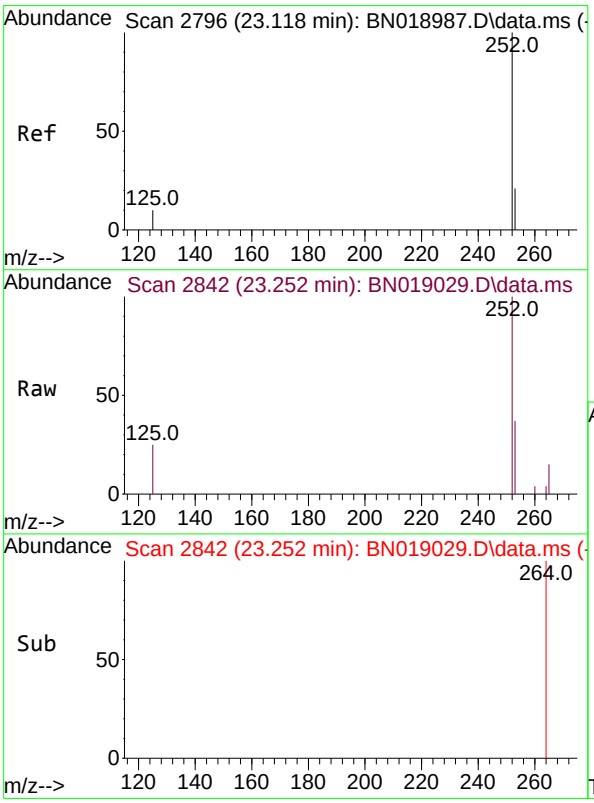
#37
Benzo(b)fluoranthene
Concen: 1.475 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:252 Resp: 70932

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.9	28.3
125	14.3	12.1	18.1

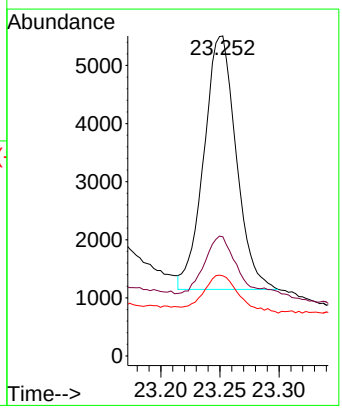


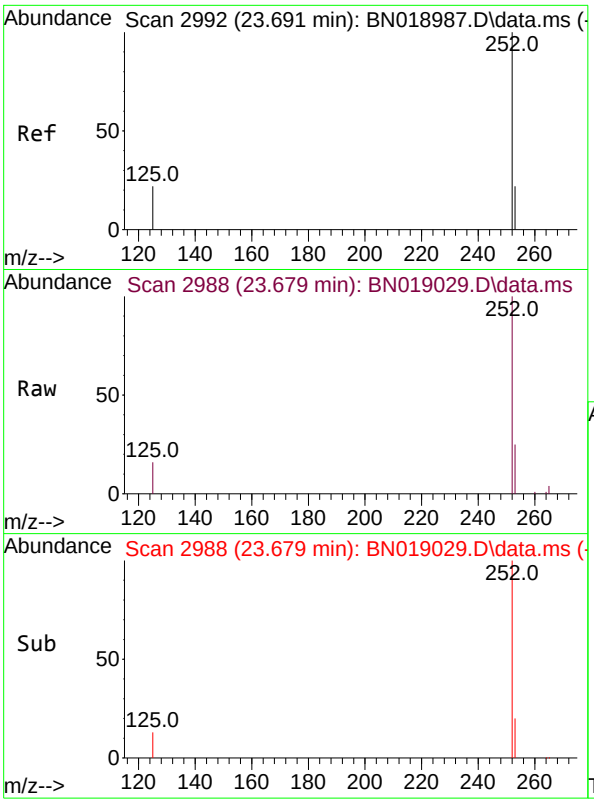


#38
Benzo(k)fluoranthene
Concen: 0.126 ng
RT: 23.252 min Scan# 2842
Delta R.T. 0.134 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:252 Resp: 8280

Ion	Ratio	Lower	Upper
252	100		
253	37.2	18.9	28.3#
125	25.1	10.3	15.5#



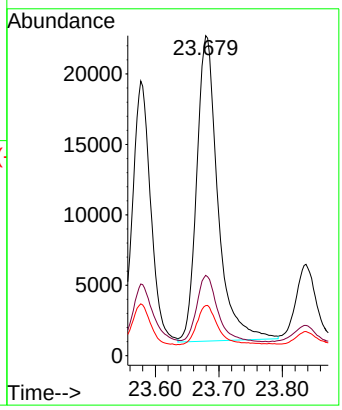


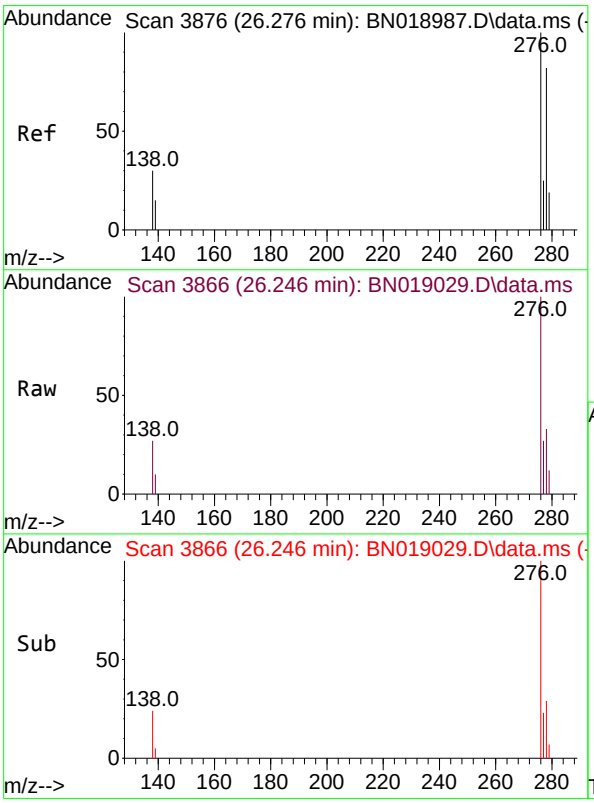
#39
Benzo(a)pyrene
Concen: 1.143 ng
RT: 23.679 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:252 Resp: 49998

Ion	Ratio	Lower	Upper
252	100		
253	25.1	20.1	30.1
125	15.7	15.2	22.8

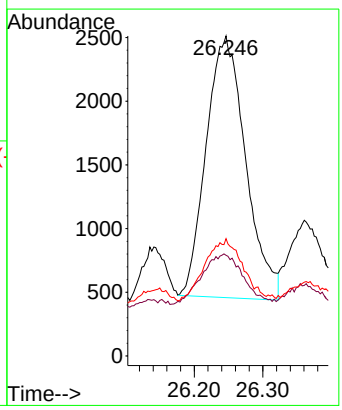


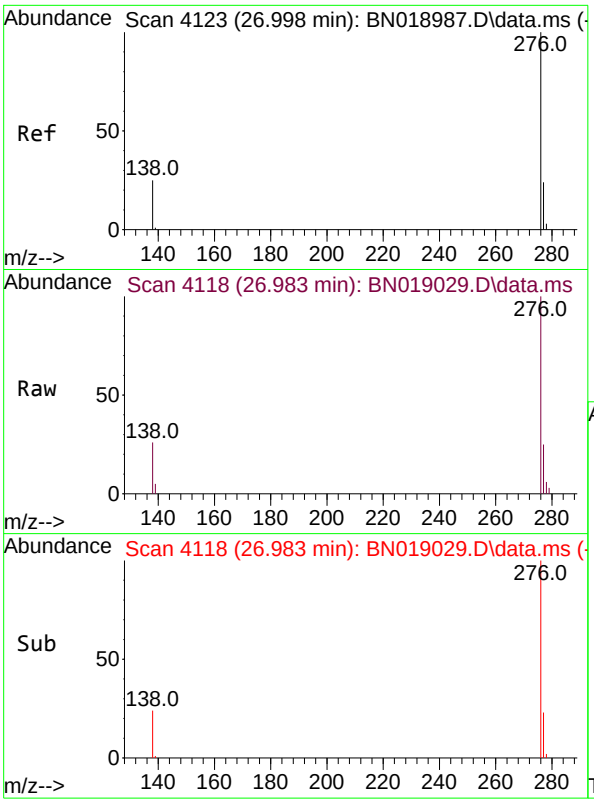


#40
Dibenzo(a,h)anthracene
Concen: 0.221 ng
RT: 26.246 min Scan# 3866
Delta R.T. -0.029 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Tgt Ion:278 Resp: 8208

Ion	Ratio	Lower	Upper
278	100		
139	31.4	17.2	25.8#
279	36.7	19.9	29.9#





#41
Benzo(g,h,i)perylene
Concen: 0.815 ng
RT: 26.983 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN019029.D
Acq: 21 Mar 2022 19:07

Instrument :
BNA_N
ClientSampleId :
SP1MSD

Tgt Ion:276 Resp: 38053

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.4	29.0
138	26.1	21.0	31.6