Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020501.D
Acq On : 27 Jun 2022 15:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 28 01:28:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.739	152	2814	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	9129	0.400	ng	# 0.00
13) Acenaphthene-d10	14.367	164	5613	0.400	ng	0.00
19) Phenanthrene-d10	17.113	188	12359	0.400	ng	0.00
29) Chrysene-d12	21.306	240	8890	0.400	ng	# 0.00
35) Perylene-d12	23.586	264	6919	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3271	0.419	ng	0.00
5) Phenol-d6	6.944	99	4033	0.432	ng	0.00
8) Nitrobenzene-d5	8.897	82	2759	0.373	ng	0.00
11) 2-Methylnaphthalene-d10	12.117	152	6226	0.398	ng	0.00
14) 2,4,6-Tribromophenol	15.861	330	803	0.380	ng	0.00
15) 2-Fluorobiphenyl	12.999	172	8930	0.385	ng	0.00
27) Fluoranthene-d10	19.147	212	12823	0.349	ng	0.00
31) Terphenyl-d14	19.746	244	9118	0.429	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	1394	0.378	ng	97
3) n-Nitrosodimethylamine	3.564	42	1182	0.352	ng	# 90
6) bis(2-Chloroethyl)ether	7.168	93	3248	0.404	ng	99
9) Naphthalene	10.573	128	10770	0.395	ng	99
10) Hexachlorobutadiene	10.872	225	1942	0.391	ng	# 100
12) 2-Methylnaphthalene	12.193	142	7186	0.397	ng	99
16) Acenaphthylene	14.089	152	10256	0.380	ng	99
17) Acenaphthene	14.431	154	7140	0.389	ng	96
18) Fluorene	15.415	166	9358	0.391	ng	100
20) 4,6-Dinitro-2-methylph...	15.522	198	487	0.426	ng	# 70
21) 4-Bromophenyl-phenylether	16.313	248	2672	0.372	ng	# 83
22) Hexachlorobenzene	16.426	284	2954	0.371	ng	99
23) Atrazine	16.579	200	1930	0.341	ng	98
24) Pentachlorophenol	16.785	266	815	0.503	ng	96
25) Phenanthrene	17.154	178	15401	0.370	ng	100
26) Anthracene	17.246	178	13160	0.366	ng	100
28) Fluoranthene	19.177	202	15993	0.352	ng	100
30) Pyrene	19.539	202	16162	0.429	ng	99
32) Benzo(a)anthracene	21.288	228	12312	0.388	ng	98
33) Chrysene	21.342	228	13646	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.225	149	7073	0.395	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.922	276	10407	0.338	ng	98
37) Benzo(b)fluoranthene	22.896	252	10691	0.401	ng	95
38) Benzo(k)fluoranthene	22.940	252	10876	0.383	ng	94
39) Benzo(a)pyrene	23.486	252	8824	0.382	ng	# 90
40) Dibenzo(a,h)anthracene	25.931	278	8398	0.340	ng	96
41) Benzo(g,h,i)perylene	26.629	276	9241	0.342	ng	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
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Misc :
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Instrument :
BNA_N
ClientSampleId :
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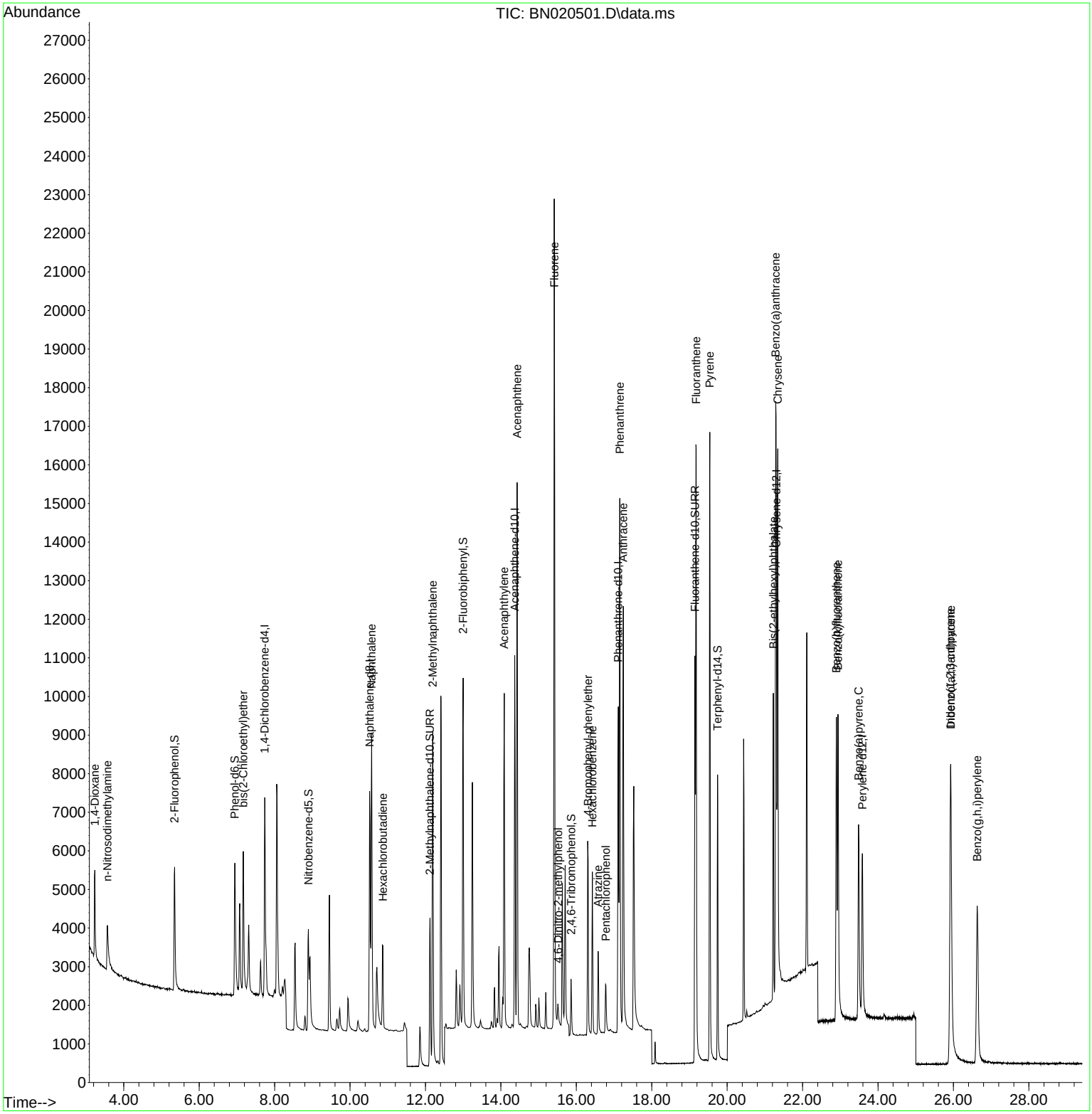
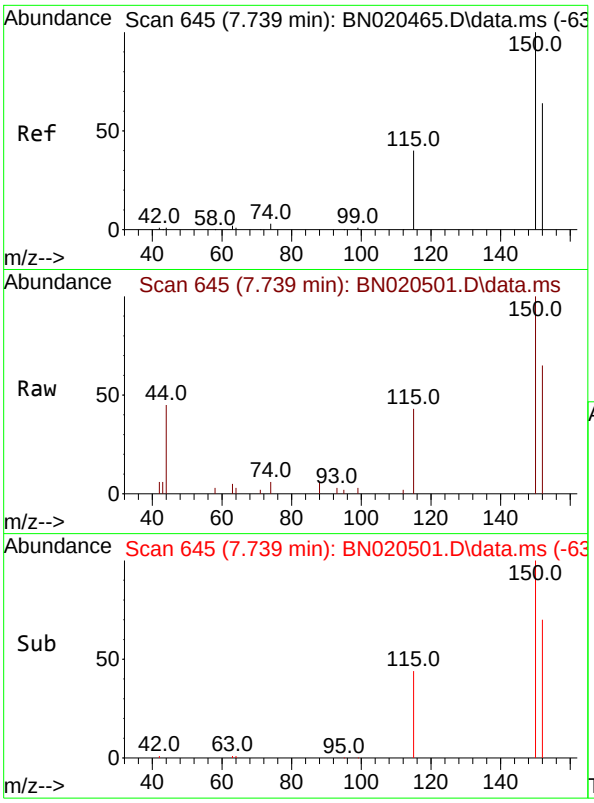
Quant Time: Jun 28 01:28:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 27 02:03:21 2022
Response via : Initial Calibration



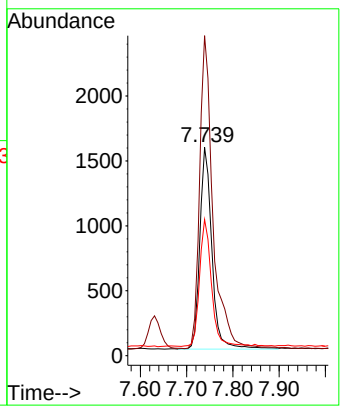


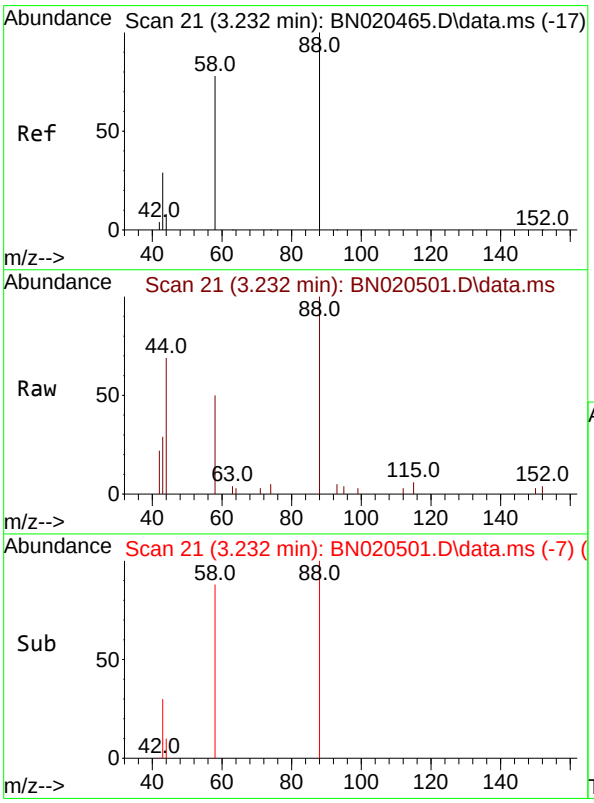
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 2814

Ion	Ratio	Lower	Upper
152	100		
150	153.6	127.9	191.9
115	65.4	51.4	77.2

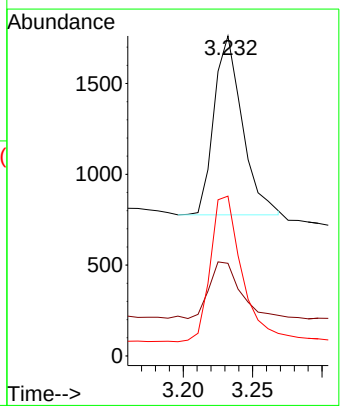


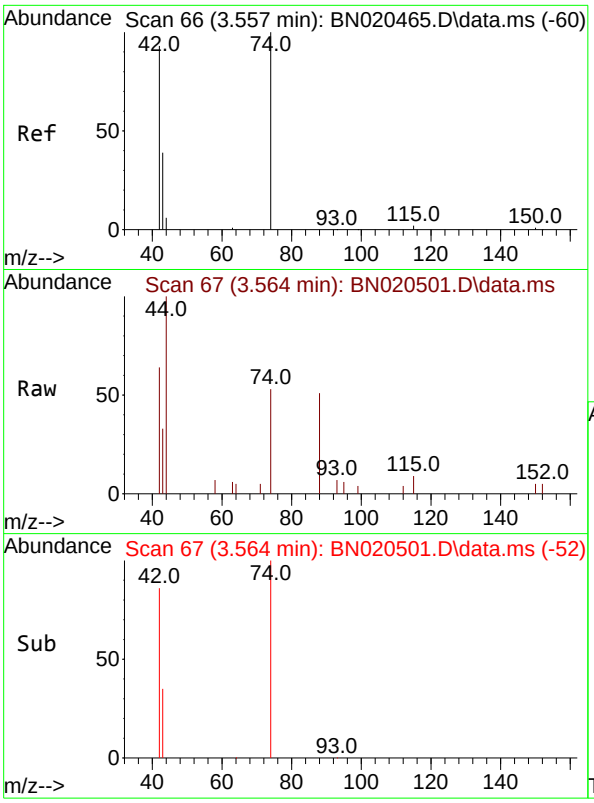


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.232 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion: 88 Resp: 1394

Ion	Ratio	Lower	Upper
88	100		
43	34.6	30.2	45.2
58	89.7	73.0	109.6



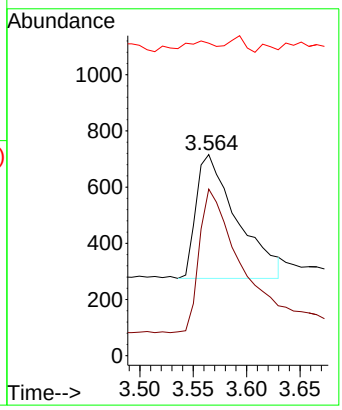


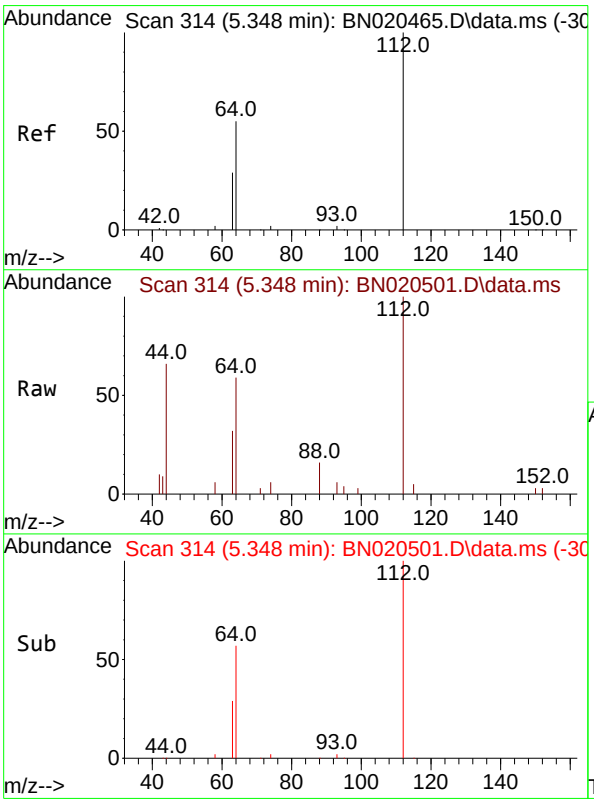
#3
n-Nitrosodimethylamine
Concen: 0.352 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1182

Ion	Ratio	Lower	Upper
42	100		
74	115.2	84.0	126.0
44	6.9	9.8	14.8#

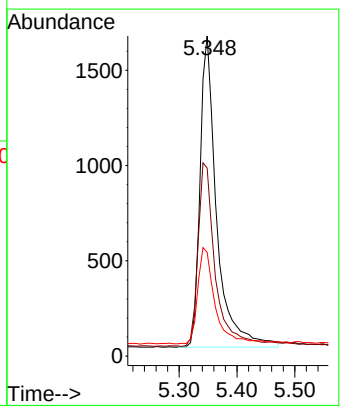


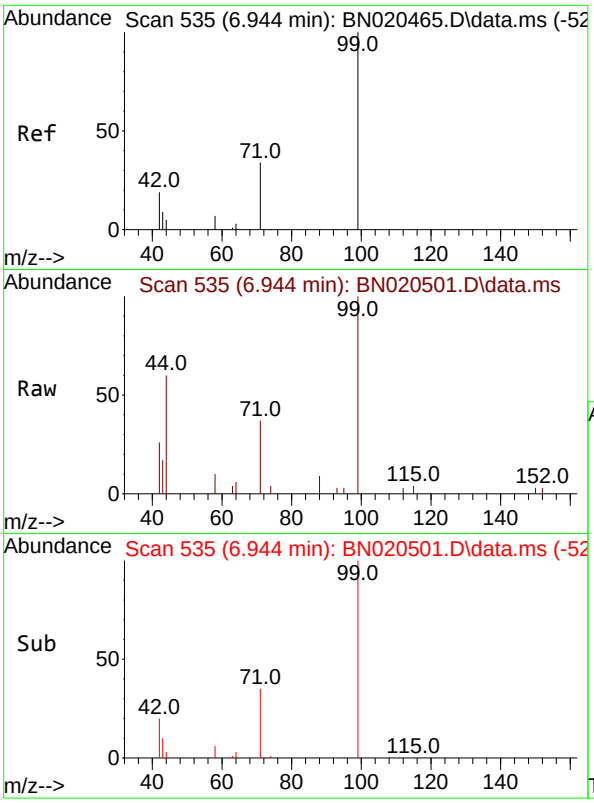


#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.348 min Scan# 314
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:112 Resp: 3271

Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.1	73.7
63	32.6	26.3	39.5



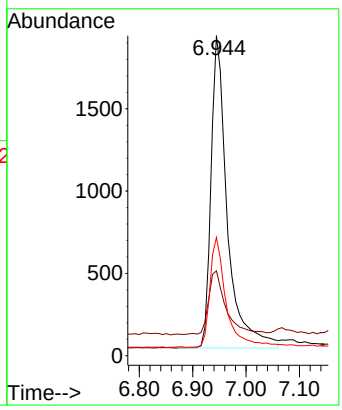


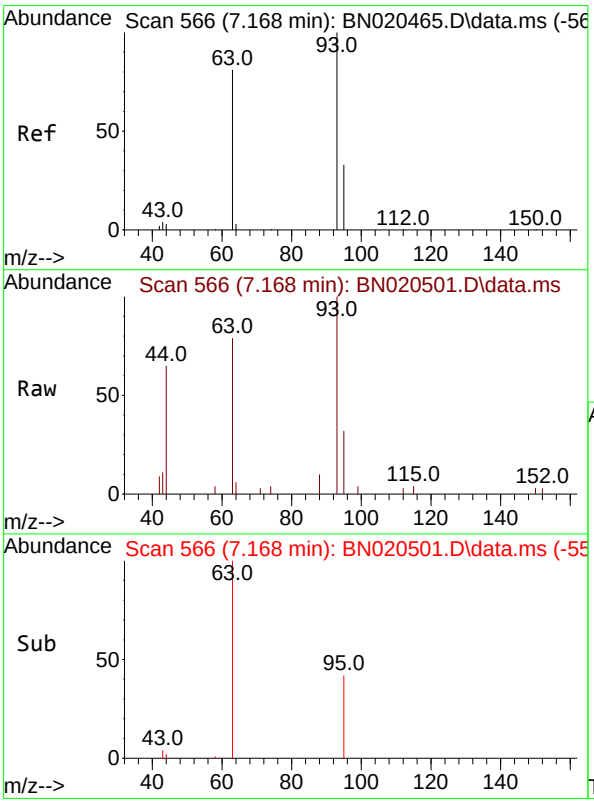
#5
Phenol-d6
Concen: 0.432 ng
RT: 6.944 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 4033

Ion	Ratio	Lower	Upper
99	100		
42	21.5	19.3	28.9
71	35.1	27.5	41.3

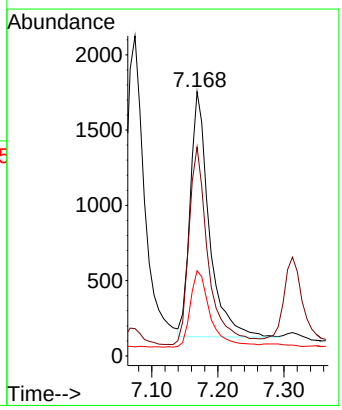


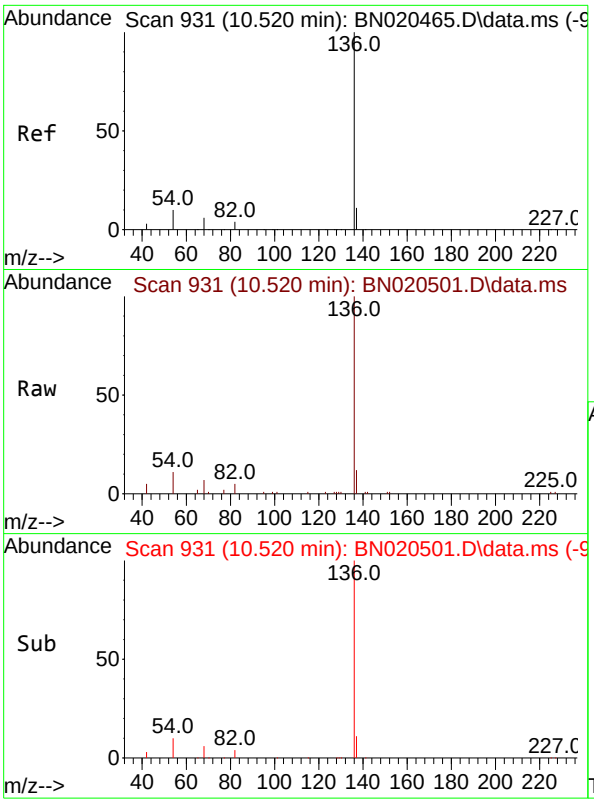


#6
bis(2-Chloroethyl)ether
Concen: 0.404 ng
RT: 7.168 min Scan# 566
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion: 93 Resp: 3248

Ion	Ratio	Lower	Upper
93	100		
63	82.5	67.4	101.0
95	33.1	26.5	39.7



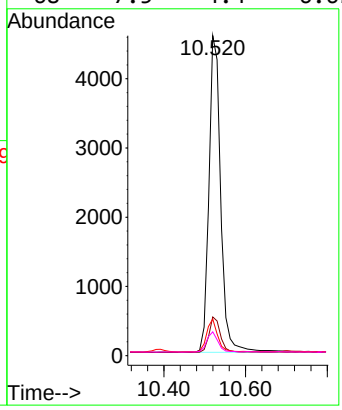


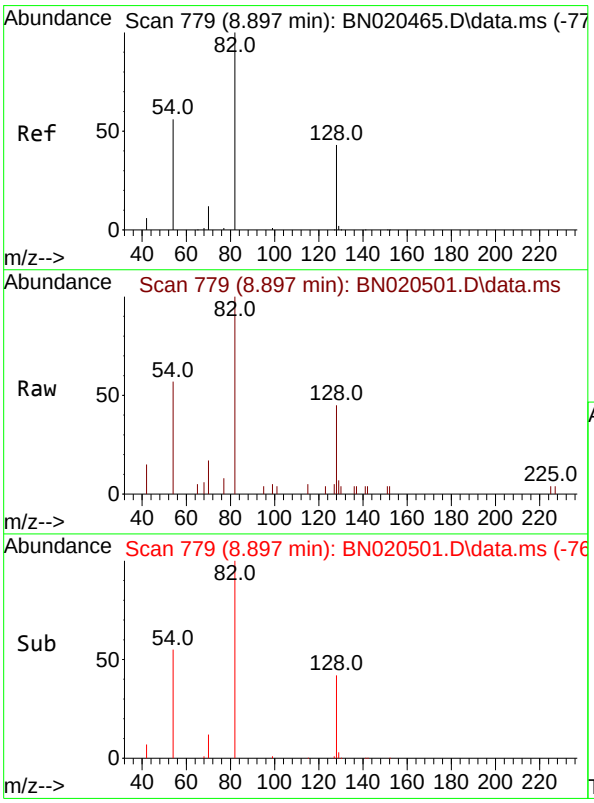
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 9129

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.6
54	11.4	6.2	9.2#
68	7.5	4.4	6.6#

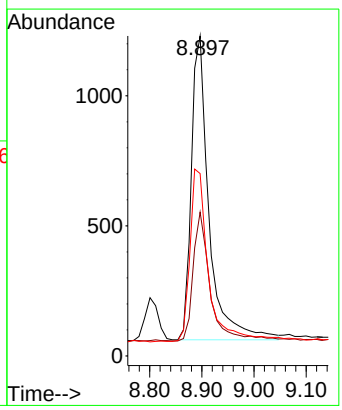


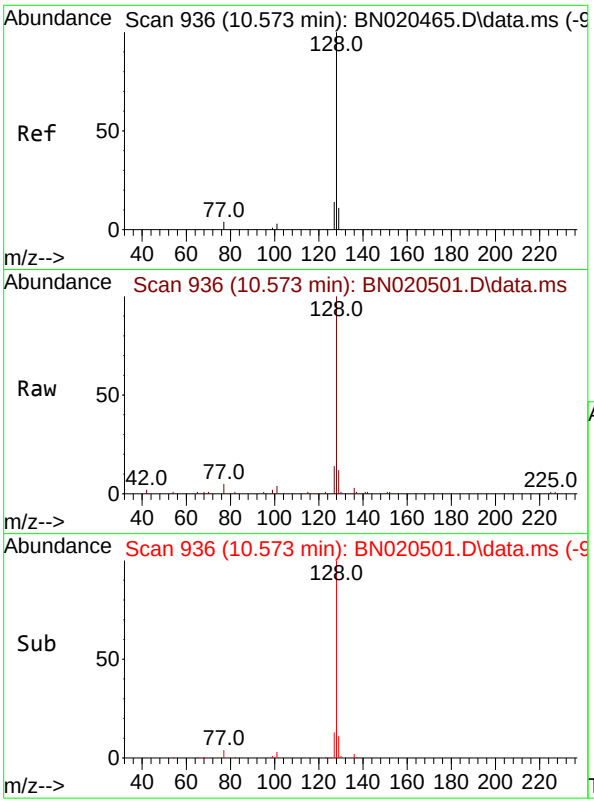


#8
Nitrobenzene-d5
Concen: 0.373 ng
RT: 8.897 min Scan# 779
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion: 82 Resp: 2759

Ion	Ratio	Lower	Upper
82	100		
128	45.0	35.0	52.6
54	57.0	46.2	69.4



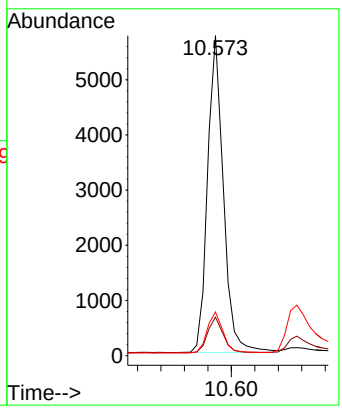


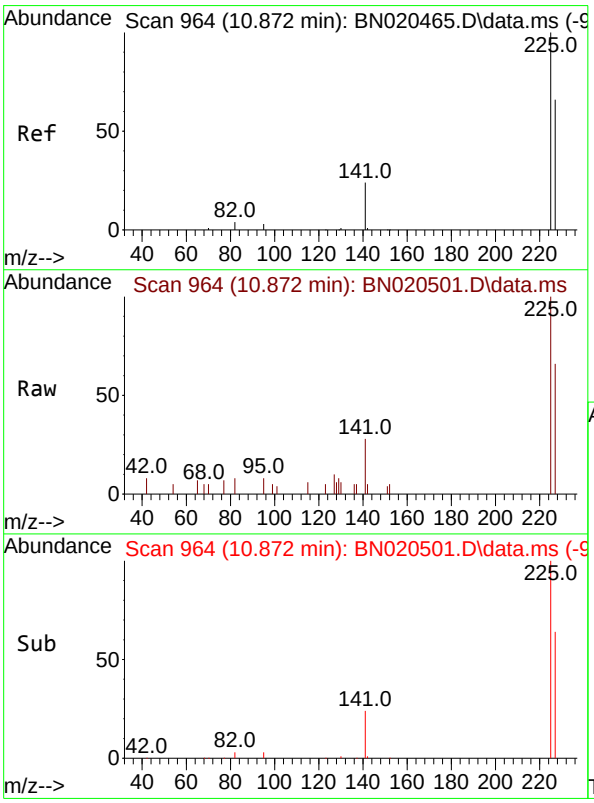
#9
Naphthalene
Concen: 0.395 ng
RT: 10.573 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 10770

Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.9	13.3
127	13.6	10.8	16.2

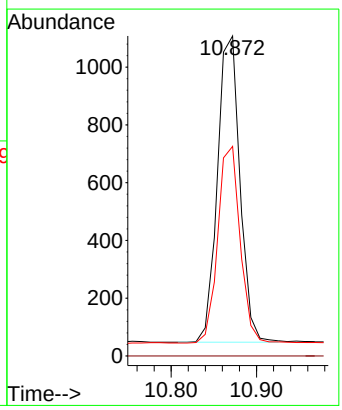


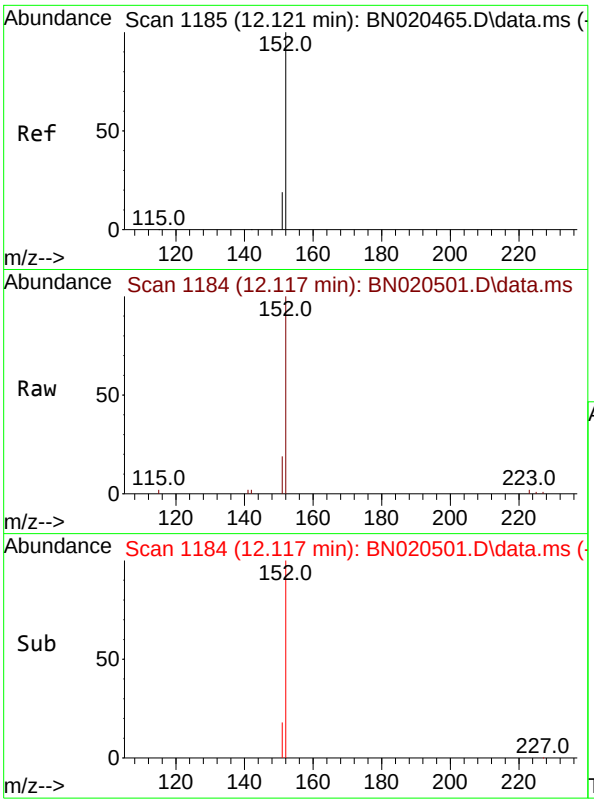


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 10.872 min Scan# 964
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:225 Resp: 1942

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



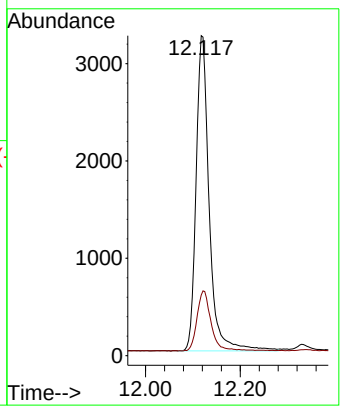


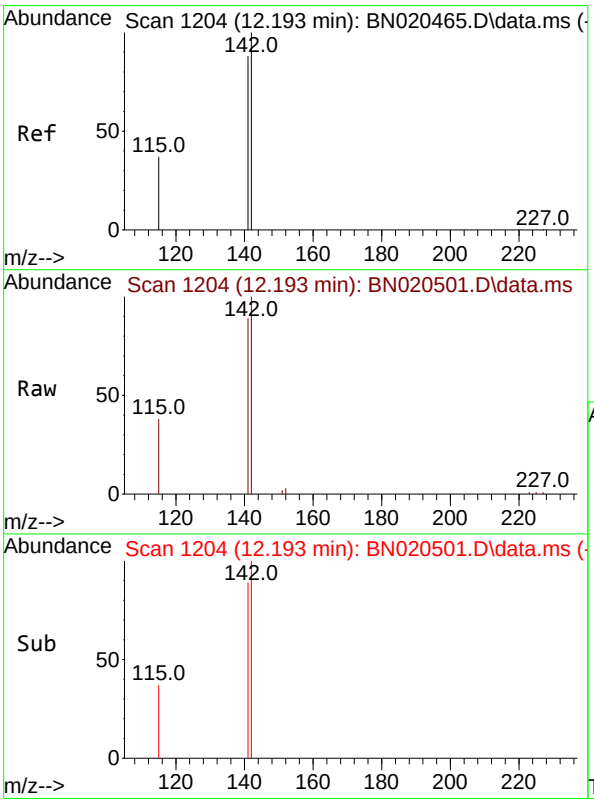
#11
2-Methylnaphthalene-d10
Concen: 0.398 ng
RT: 12.117 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6226

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

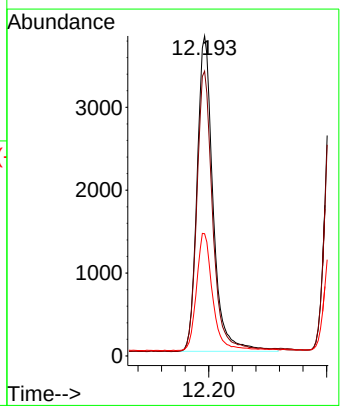


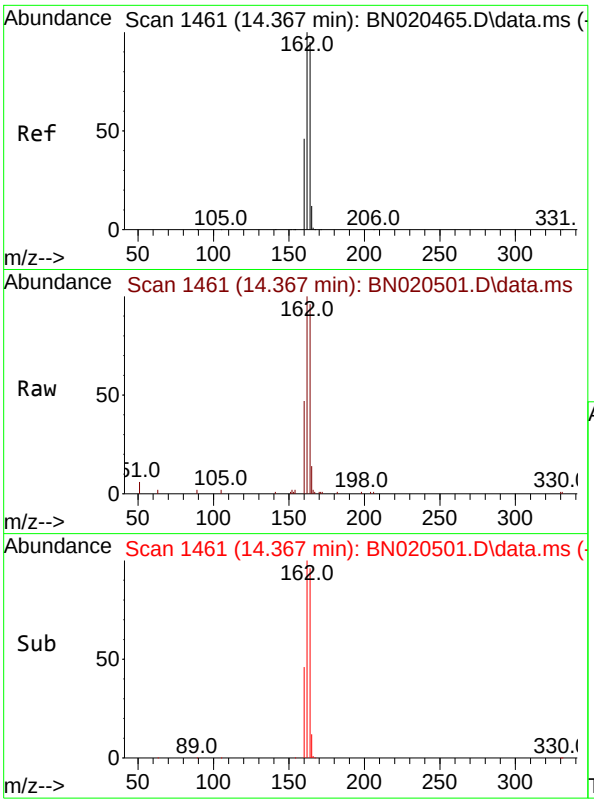


#12
2-Methylnaphthalene
Concen: 0.397 ng
RT: 12.193 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:142 Resp: 7186

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4
115	38.2	29.8	44.8



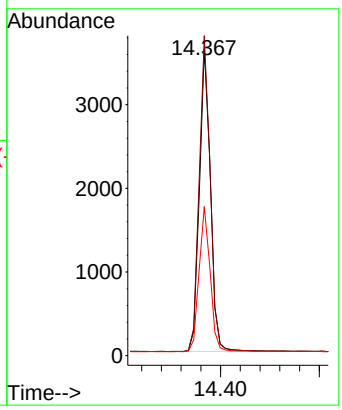


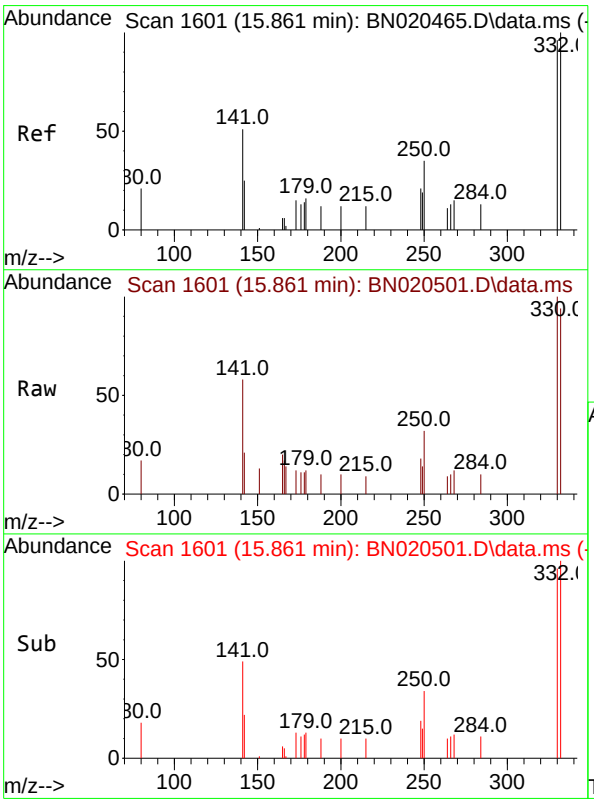
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 5613

Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.1	123.1
160	48.7	38.6	58.0

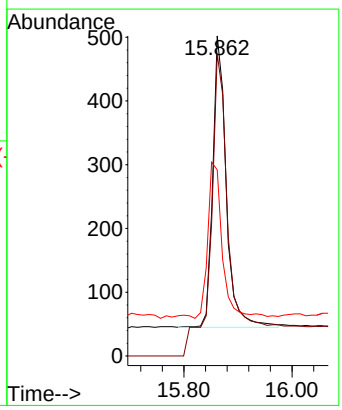


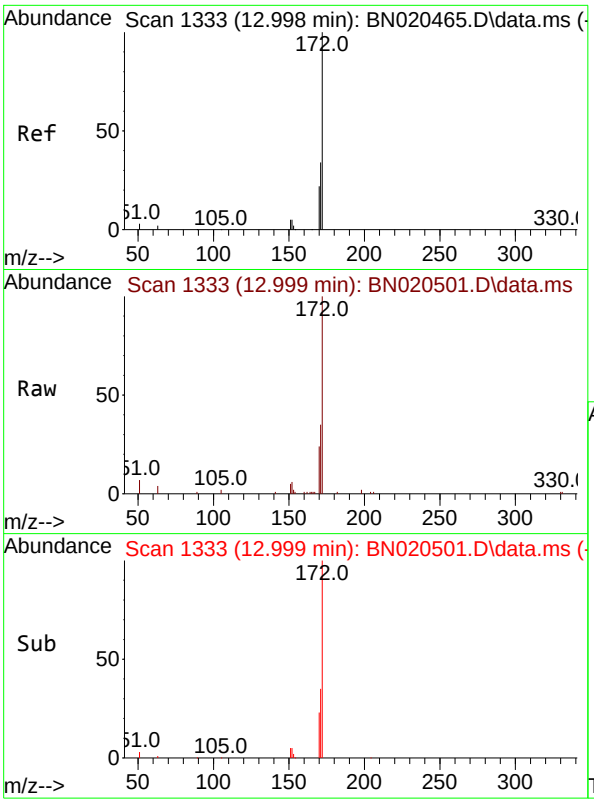


#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.861 min Scan# 1601
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:330 Resp: 803

Ion	Ratio	Lower	Upper
330	100		
332	150.8	77.6	116.4#
141	57.8	41.0	61.4



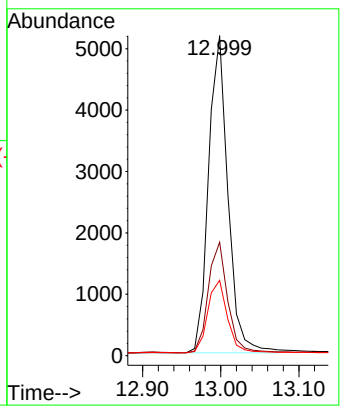


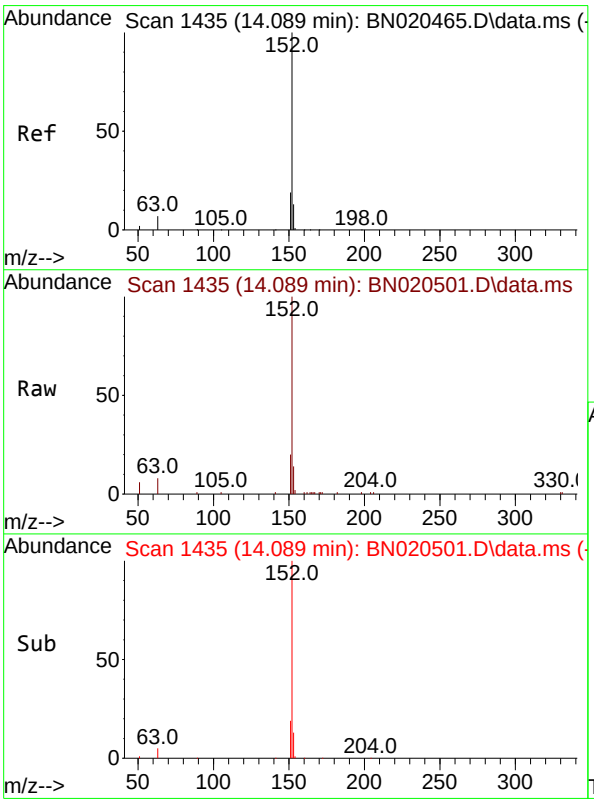
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 12.999 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 8930

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.2	40.8
170	23.6	18.2	27.4

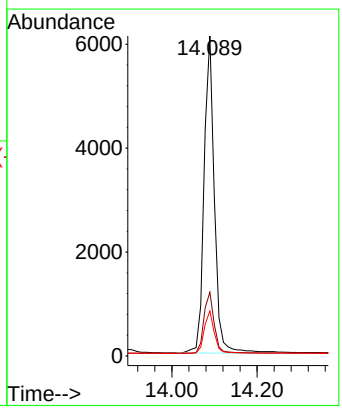


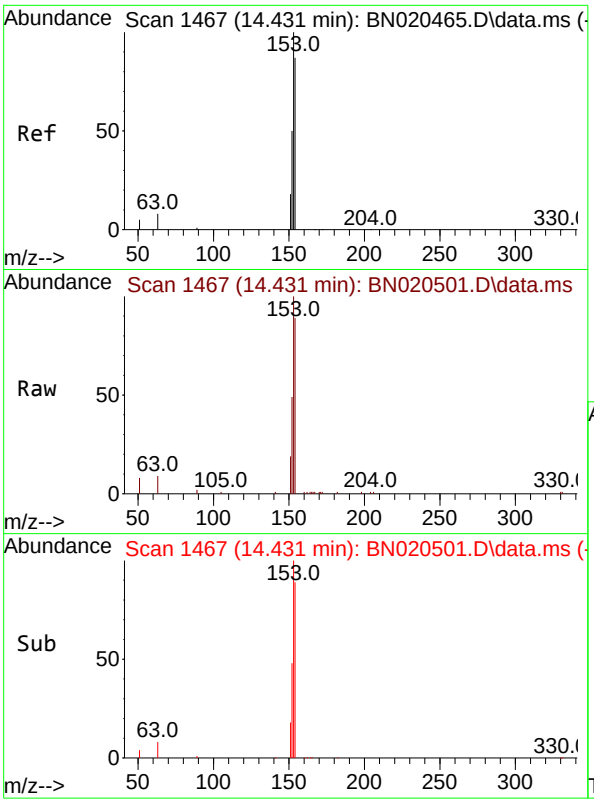


#16
Acenaphthylene
Concen: 0.380 ng
RT: 14.089 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:152 Resp: 10256

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.3	10.7	16.1



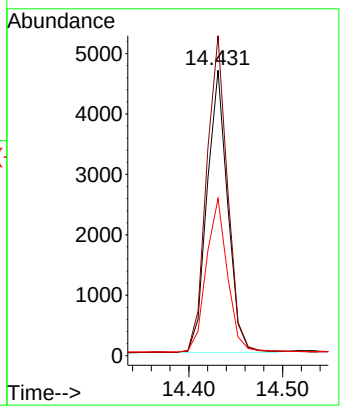


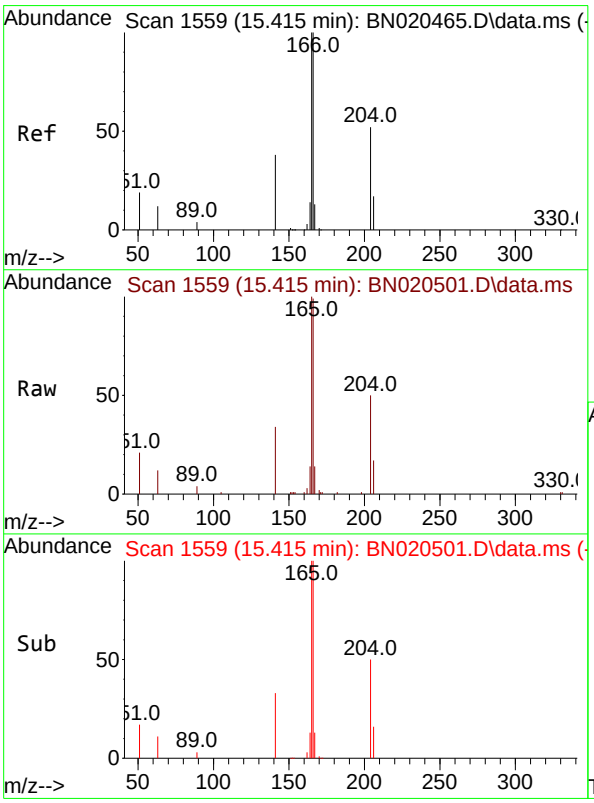
#17
Acenaphthene
Concen: 0.389 ng
RT: 14.431 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 7140

Ion	Ratio	Lower	Upper
154	100		
153	114.6	87.5	131.3
152	55.7	43.8	65.6

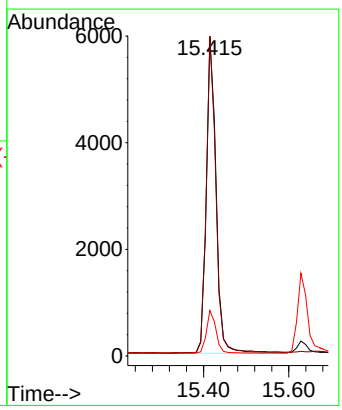


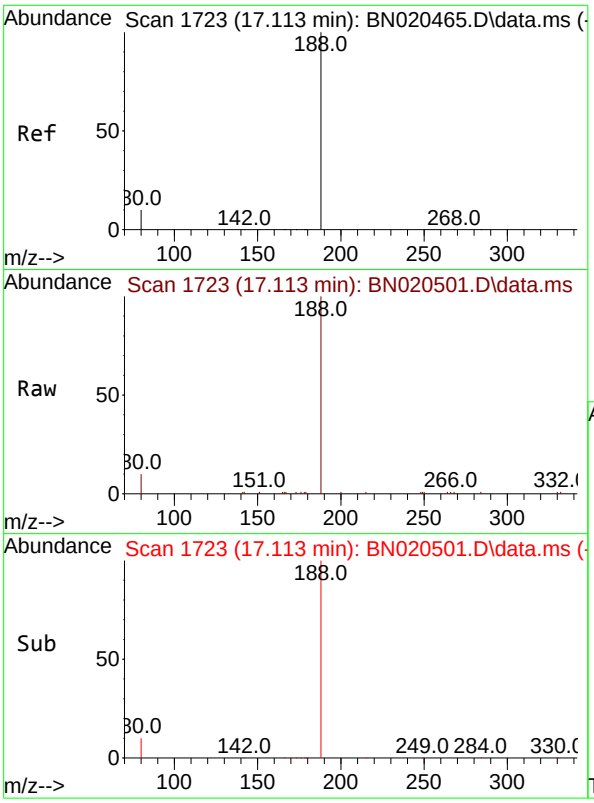


#18
Fluorene
Concen: 0.391 ng
RT: 15.415 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:166 Resp: 9358

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	13.6	10.8	16.2



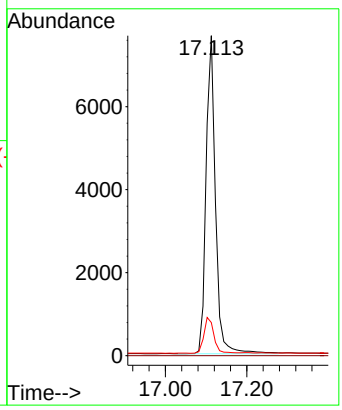


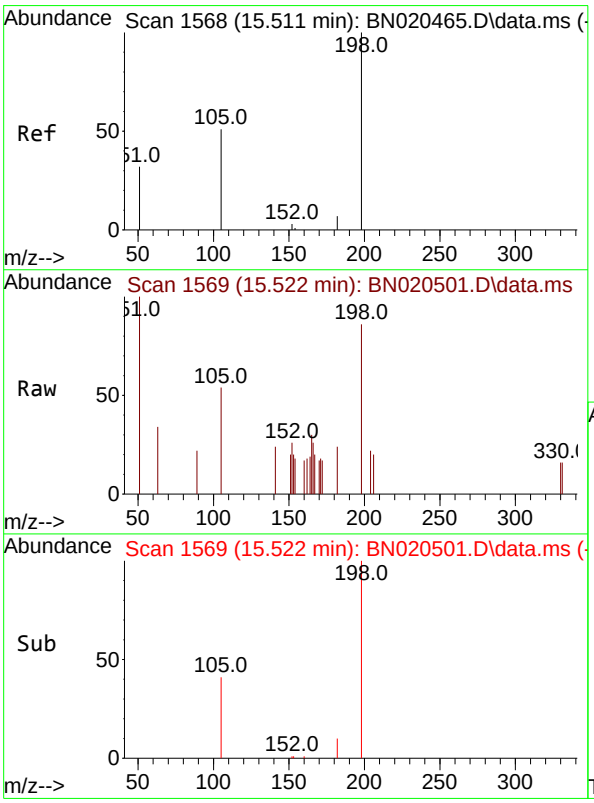
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 12359

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	7.4	11.2

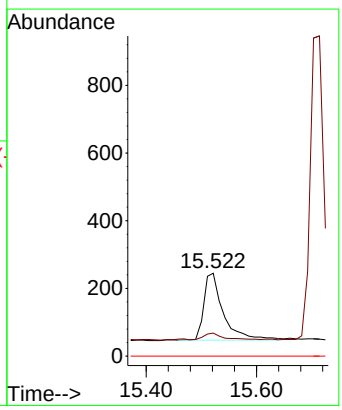


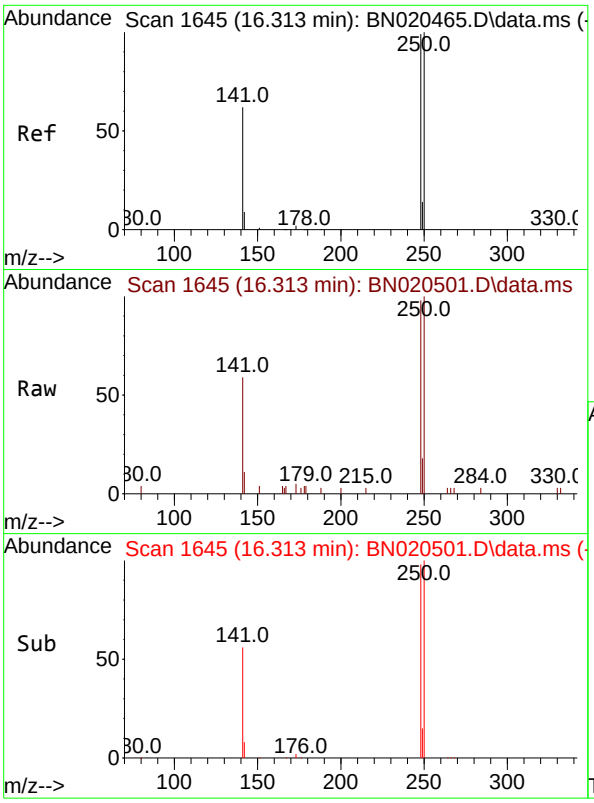


#20
4,6-Dinitro-2-methylphenol
Concen: 0.426 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.011 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:198 Resp: 487

Ion	Ratio	Lower	Upper
198	100		
182	27.8	12.1	18.1#
77	0.0	0.0	0.0



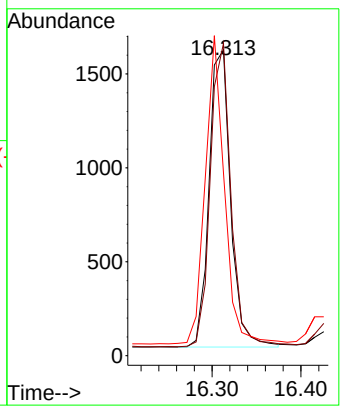


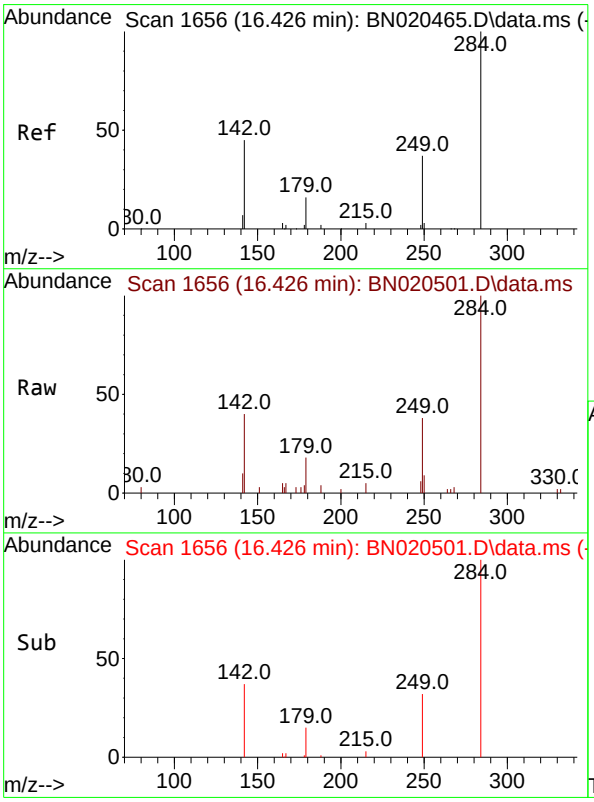
#21
4-Bromophenyl-phenylether
Concen: 0.372 ng
RT: 16.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 2672

Ion	Ratio	Lower	Upper
248	100		
250	102.1	75.3	112.9
141	59.7	67.3	100.9#

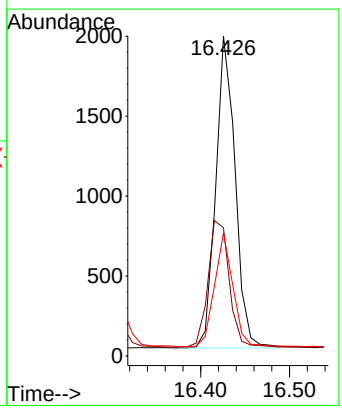


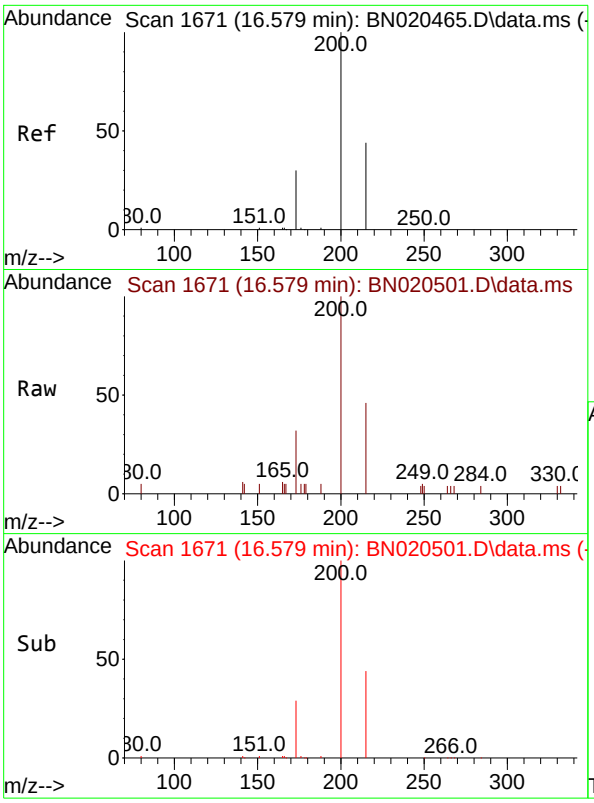


#22
Hexachlorobenzene
Concen: 0.371 ng
RT: 16.426 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:284 Resp: 2954

Ion	Ratio	Lower	Upper
284	100		
142	44.2	35.2	52.8
249	34.7	26.6	40.0



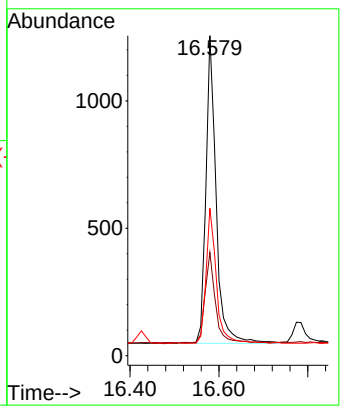


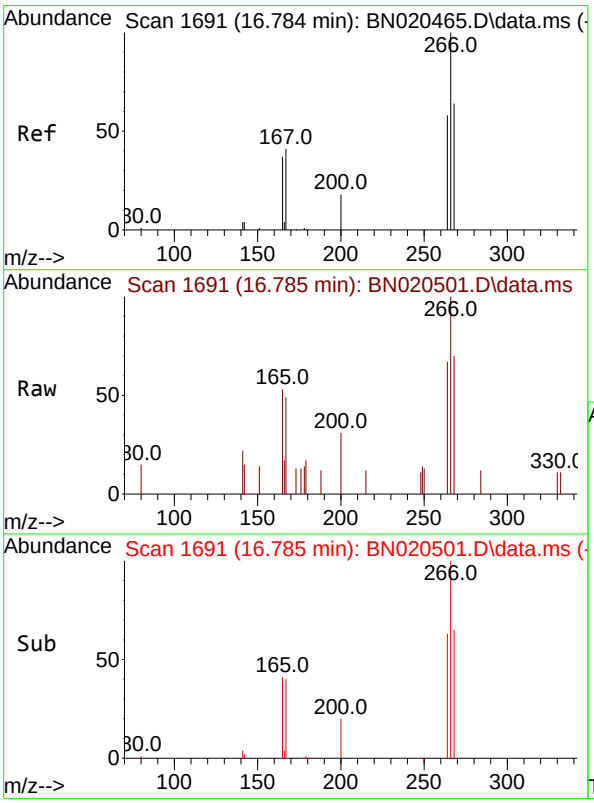
#23
Atrazine
Concen: 0.341 ng
RT: 16.579 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 1930

Ion	Ratio	Lower	Upper
200	100		
173	32.2	23.6	35.4
215	46.0	36.6	54.8

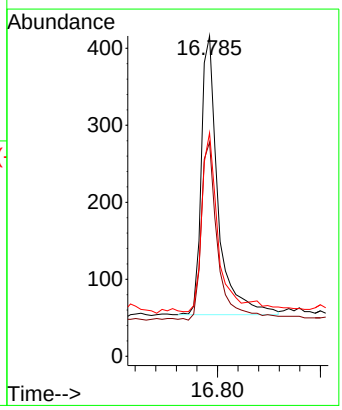


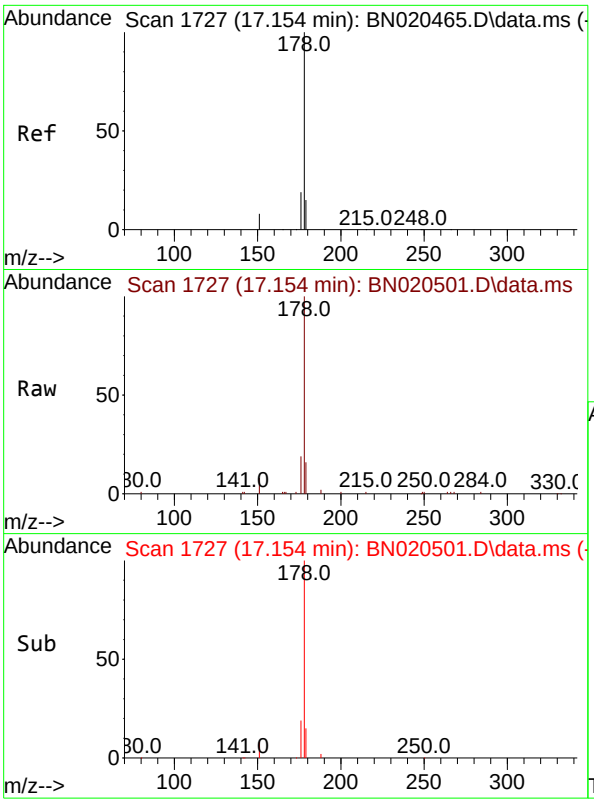


#24
Pentachlorophenol
Concen: 0.503 ng
RT: 16.785 min Scan# 1691
Delta R.T. 0.001 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:266 Resp: 815

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.3	76.9
268	60.7	52.6	79.0



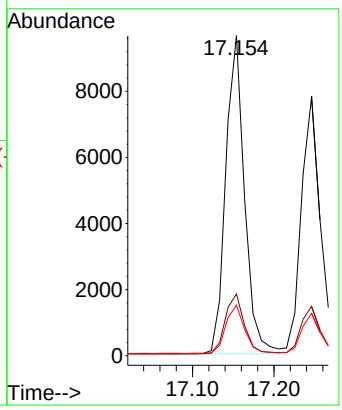


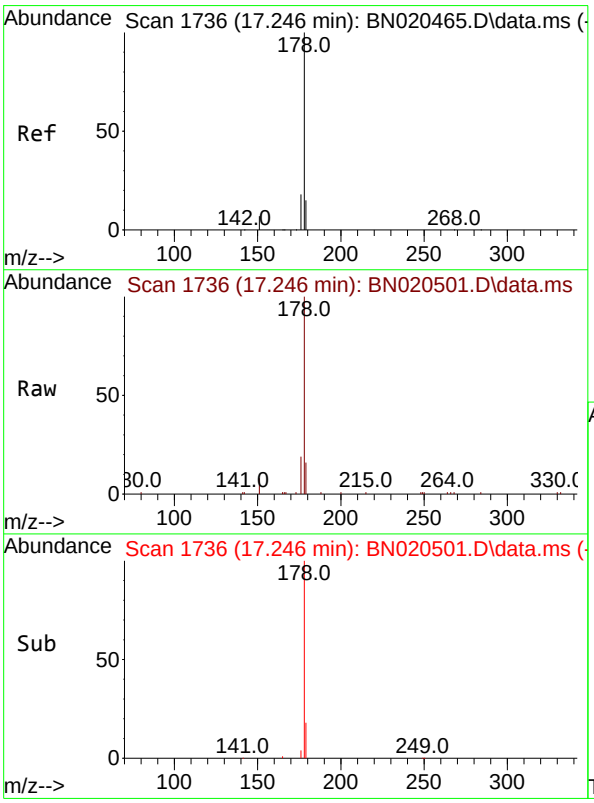
#25
Phenanthrene
Concen: 0.370 ng
RT: 17.154 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 15401

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.4	12.2	18.4

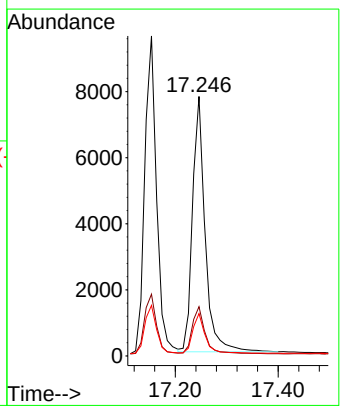


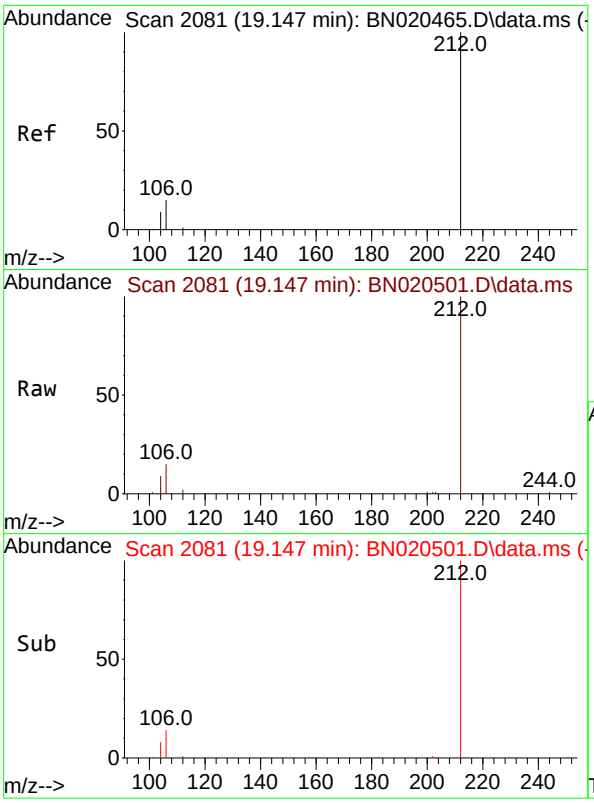


#26
Anthracene
Concen: 0.366 ng
RT: 17.246 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:178 Resp: 13160

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.2	18.4



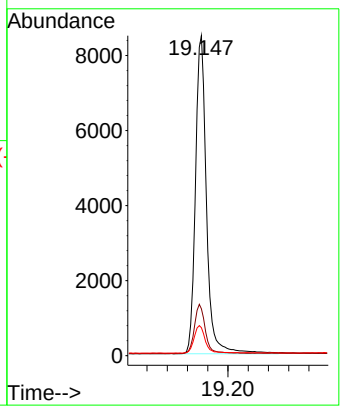


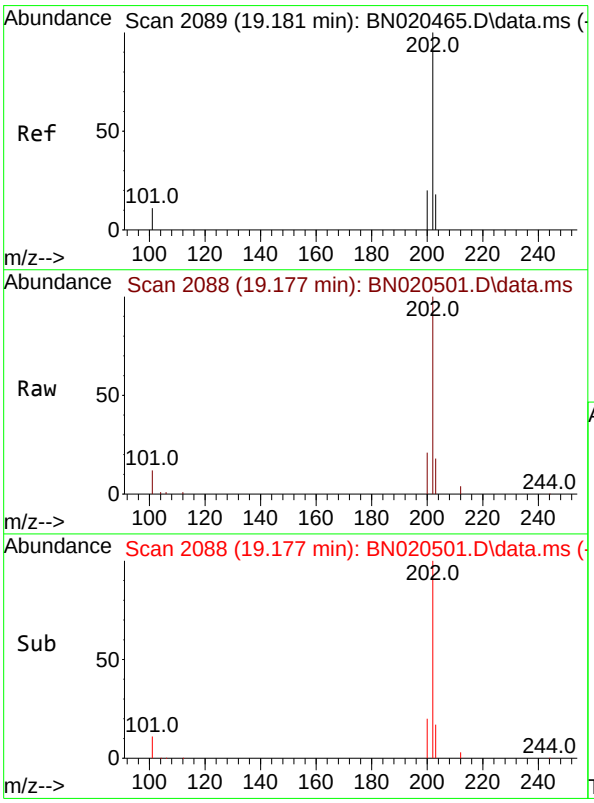
#27
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.147 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 12823

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	8.7	7.2	10.8

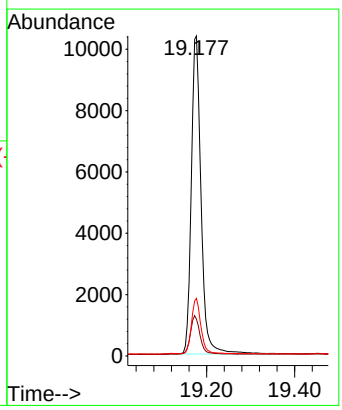


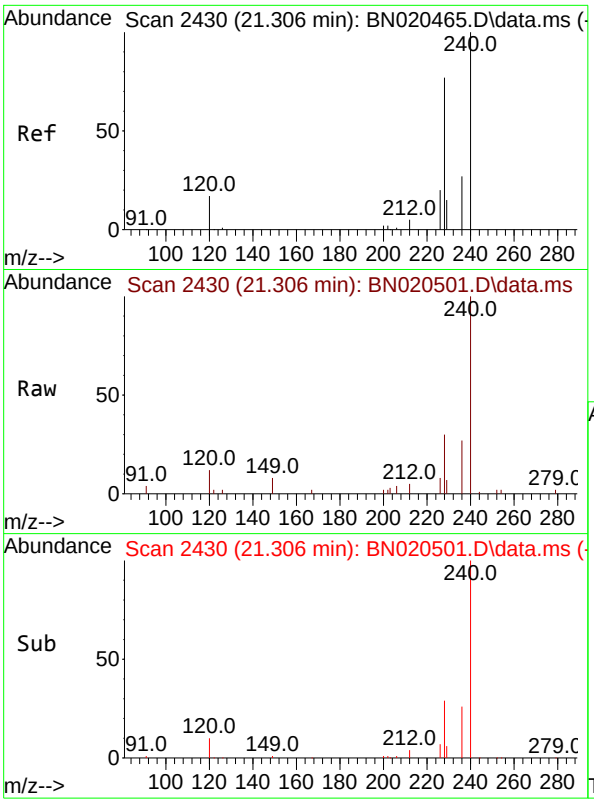


#28
Fluoranthene
Concen: 0.352 ng
RT: 19.177 min Scan# 2088
Delta R.T. -0.004 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:202 Resp: 15993

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.6	14.4
203	16.6	13.5	20.3



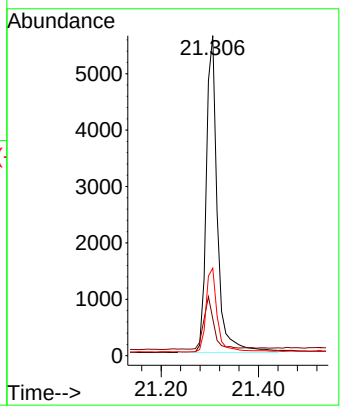


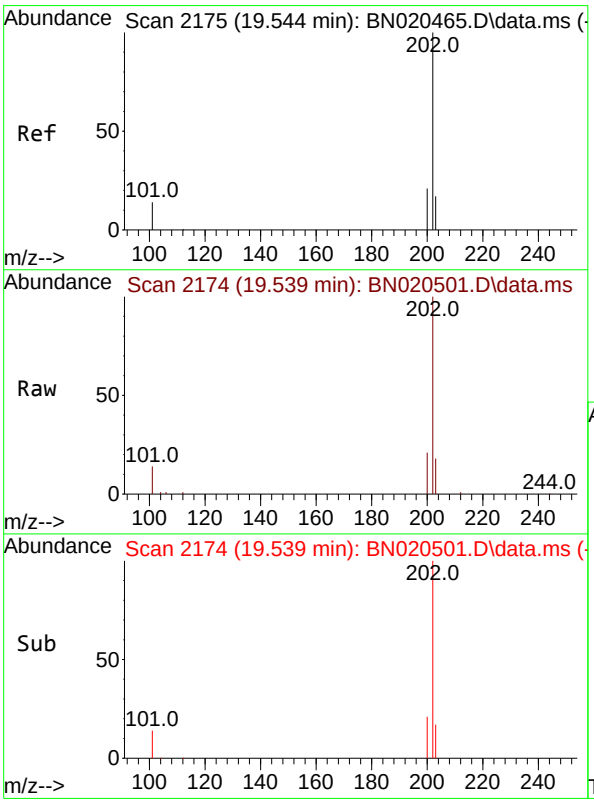
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.306 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 8890

Ion	Ratio	Lower	Upper
240	100		
120	11.5	14.6	21.8#
236	27.4	22.6	33.8

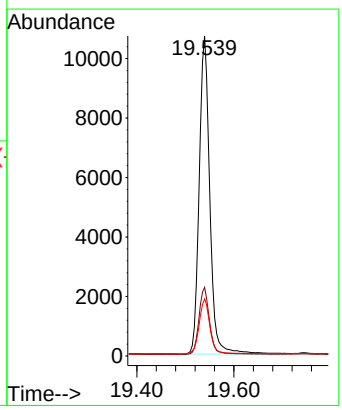


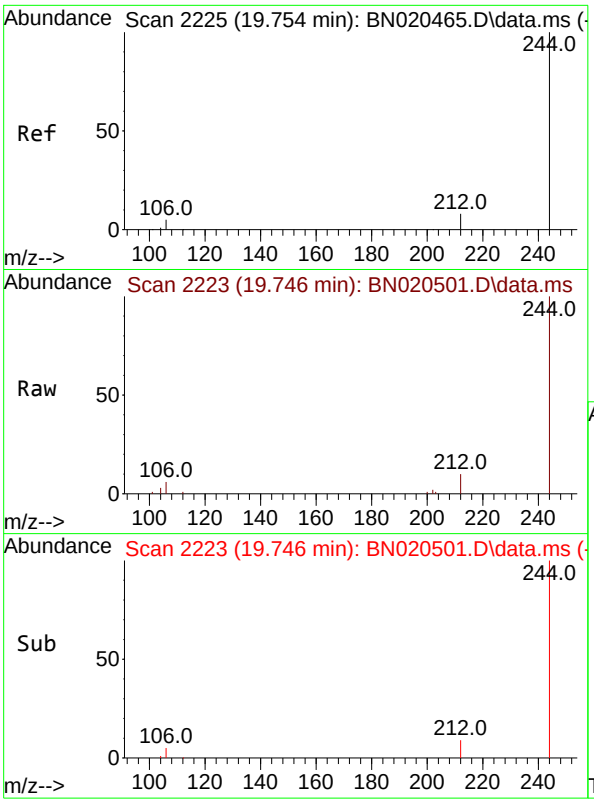


#30
Pyrene
Concen: 0.429 ng
RT: 19.539 min Scan# 2174
Delta R.T. -0.004 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:202 Resp: 16162

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.6	25.0
203	17.5	14.2	21.2



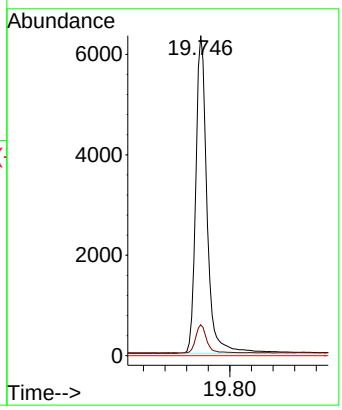


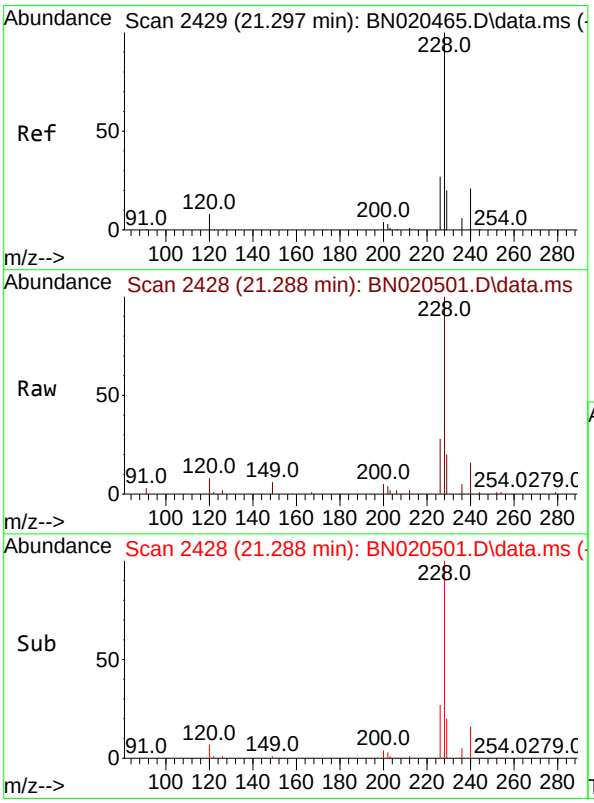
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 19.746 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 9118

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.1	10.7
122	0.0	0.0	0.0

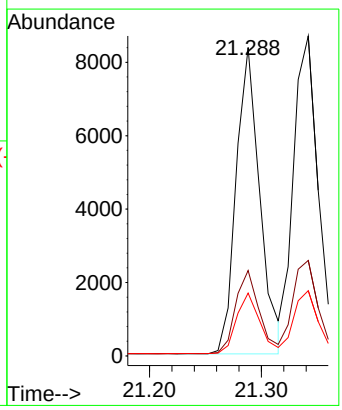


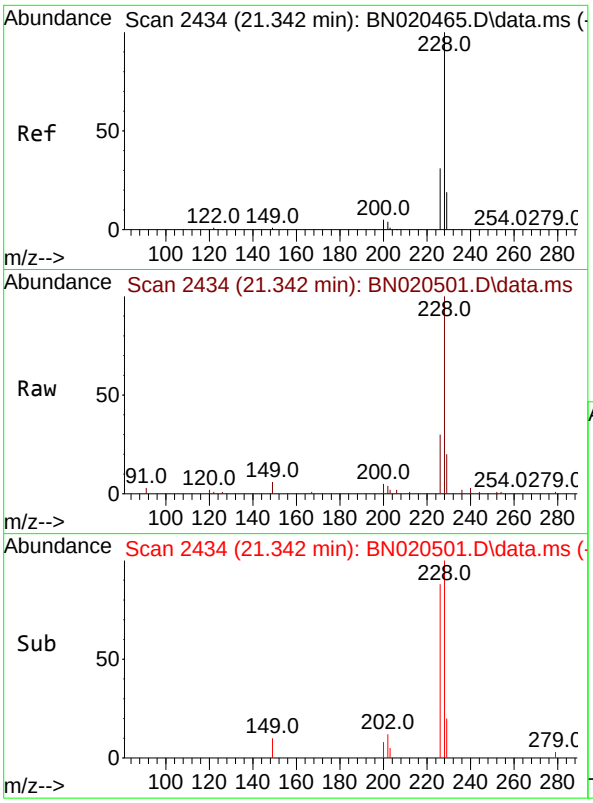


#32
Benzo(a)anthracene
Concen: 0.388 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:228 Resp: 12312

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.2	31.8
229	20.4	15.6	23.4



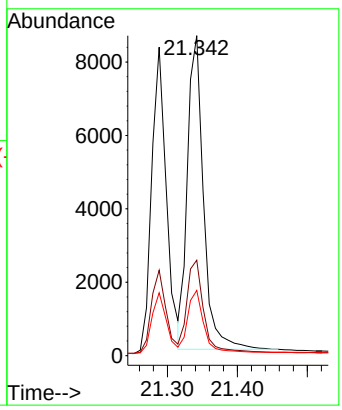


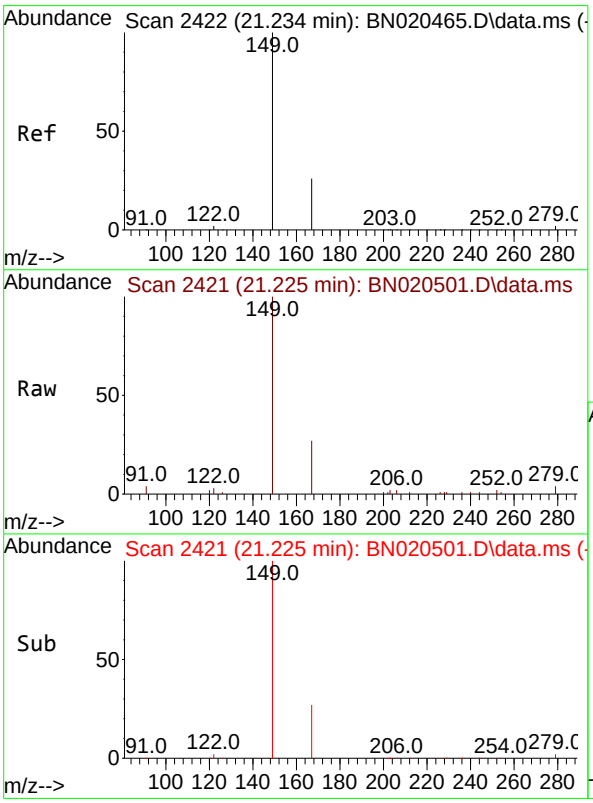
#33
Chrysene
Concen: 0.388 ng
RT: 21.342 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 13646

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	20.4	15.7	23.5

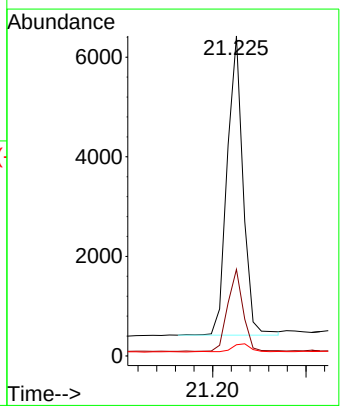


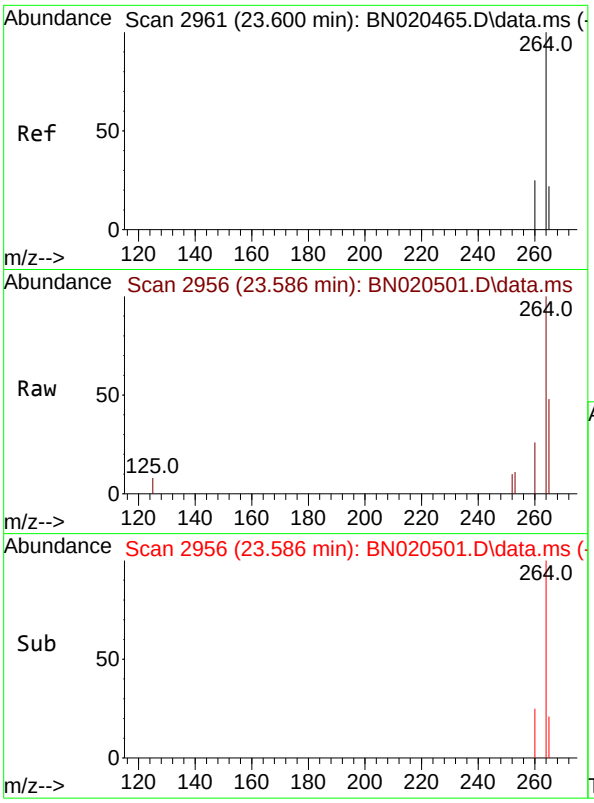


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.395 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:149 Resp: 7073

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.7	32.5
279	3.4	2.2	3.2#



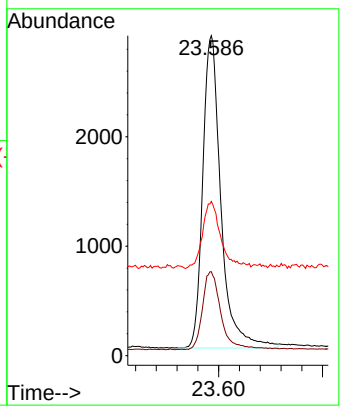


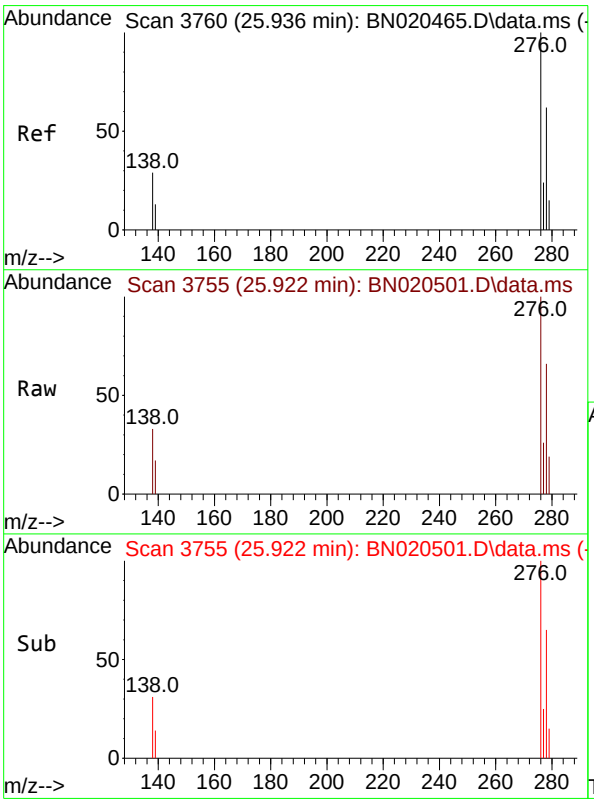
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 6919

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.9	31.3
265	48.2	28.0	42.0#

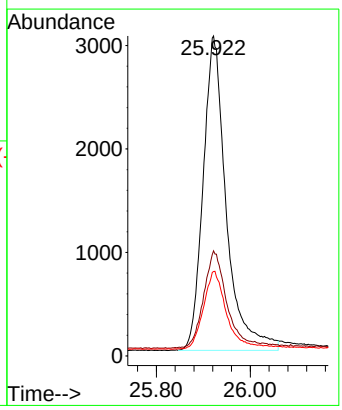


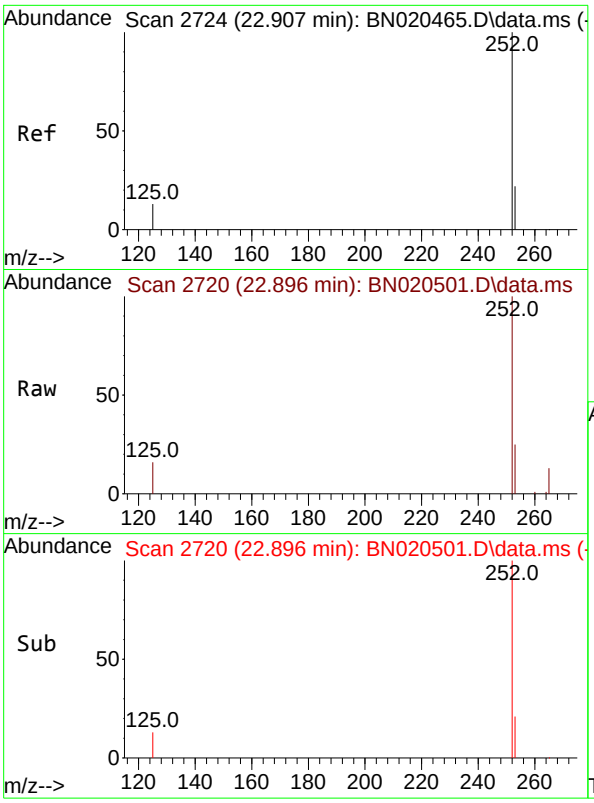


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 25.922 min Scan# 3755
Delta R.T. -0.015 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:276 Resp: 10407

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.9	38.9
277	24.7	19.8	29.8



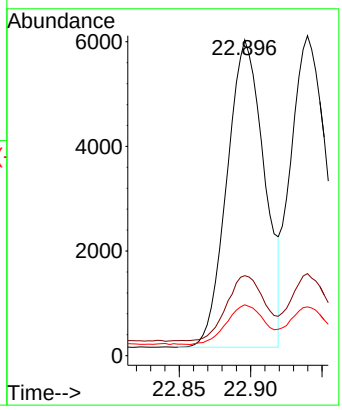


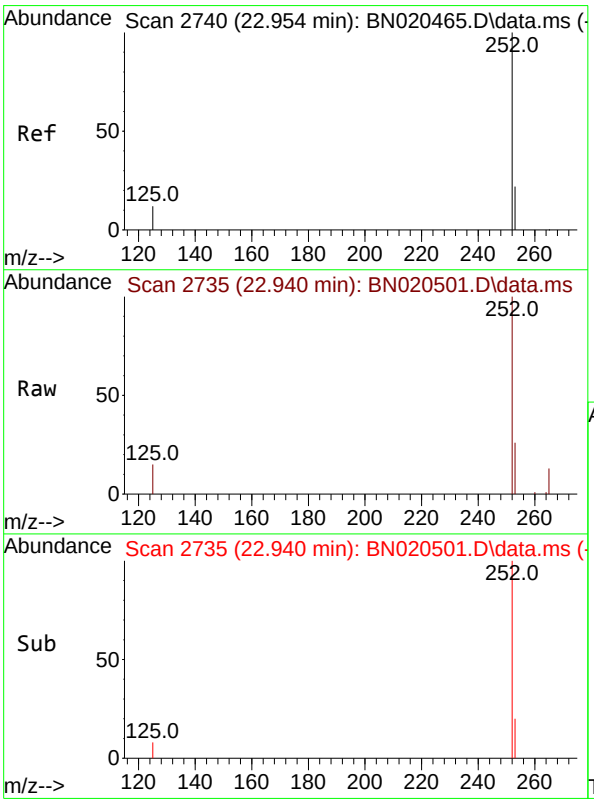
#37
Benzo(b)fluoranthene
Concen: 0.401 ng
RT: 22.896 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 10691

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.5	27.7
125	16.1	11.4	17.0

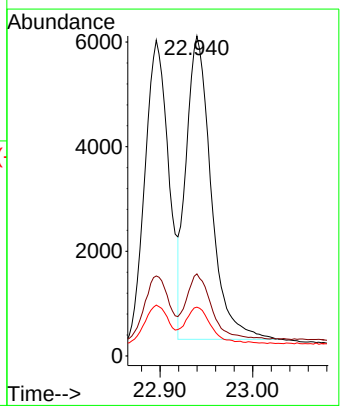


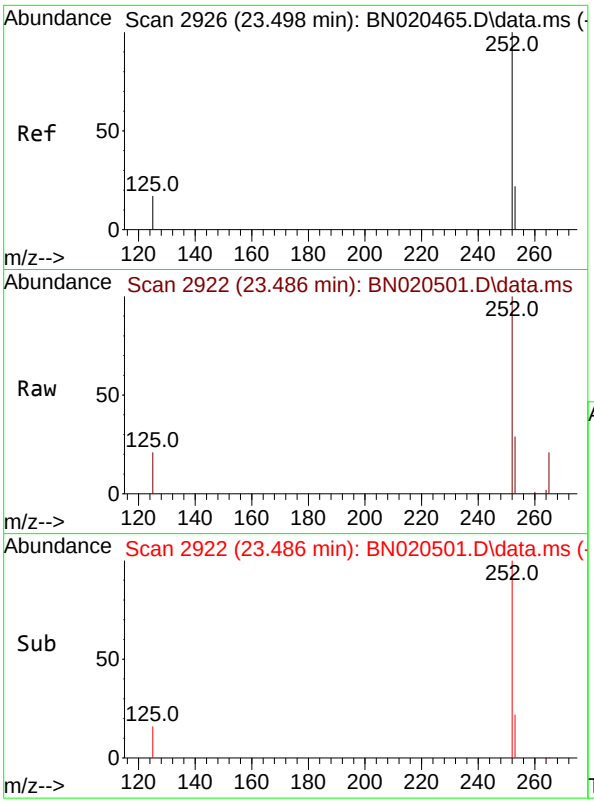


#38
Benzo(k)fluoranthene
Concen: 0.383 ng
RT: 22.940 min Scan# 2735
Delta R.T. -0.015 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:252 Resp: 10876

Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.0	27.0
125	15.3	11.0	16.4



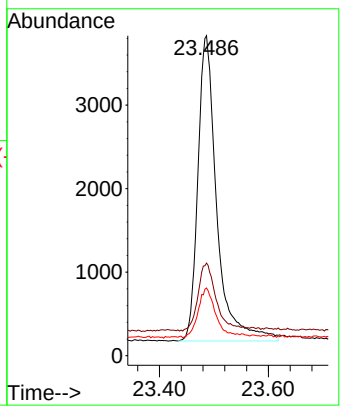


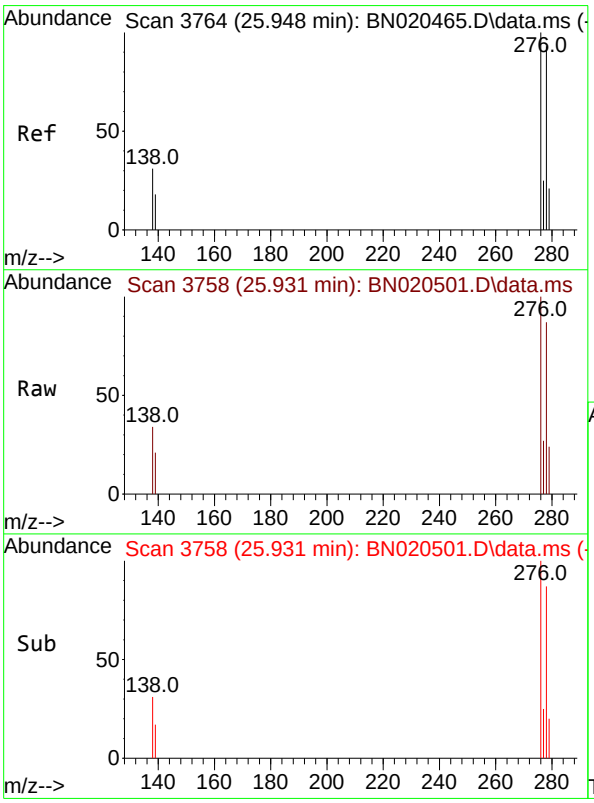
#39
Benzo(a)pyrene
Concen: 0.382 ng
RT: 23.486 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 8824

Ion	Ratio	Lower	Upper
252	100		
253	29.0	19.0	28.4#
125	21.2	13.8	20.8#

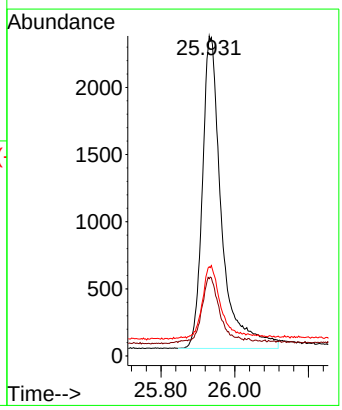


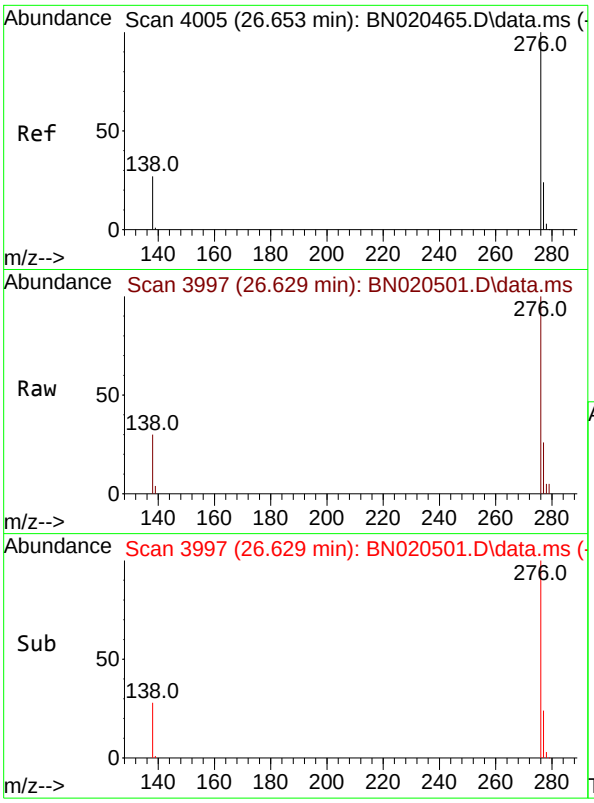


#40
Dibenzo(a,h)anthracene
Concen: 0.340 ng
RT: 25.931 min Scan# 3758
Delta R.T. -0.017 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Tgt Ion:278 Resp: 8398

Ion	Ratio	Lower	Upper
278	100		
139	24.2	18.6	28.0
279	27.9	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.342 ng
RT: 26.629 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN020501.D
Acq: 27 Jun 2022 15:27

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 9241

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.5	29.3
138	30.4	22.6	34.0