Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
Data File : BN020555.D
Acq On : 29 Jun 2022 05:48
Operator : CG/JU
Sample : PB145790BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Quant Time: Jun 29 06:22:41 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	3809	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	11552	0.400	ng	#	0.00
13) Acenaphthene-d10	14.367	164	6743	0.400	ng		0.00
19) Phenanthrene-d10	17.102	188	14090	0.400	ng	#	-0.01
29) Chrysene-d12	21.297	240	11430	0.400	ng		0.00
35) Perylene-d12	23.580	264	8576	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	3391	0.321	ng		0.00
5) Phenol-d6	6.937	99	4111	0.325	ng		0.00
8) Nitrobenzene-d5	8.896	82	3004	0.321	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	7082	0.358	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	787	0.310	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	10291	0.370	ng		-0.01
27) Fluoranthene-d10	19.143	212	14710	0.351	ng		0.00
31) Terphenyl-d14	19.746	244	10329	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	1698	0.340	ng		99
3) n-Nitrosodimethylamine	3.564	42	1315	0.289	ng		94
6) bis(2-Chloroethyl)ether	7.168	93	3691	0.340	ng		99
9) Naphthalene	10.573	128	12649	0.367	ng		99
10) Hexachlorobutadiene	10.861	225	2260	0.360	ng	#	100
12) 2-Methylnaphthalene	12.189	142	8250	0.360	ng		99
16) Acenaphthylene	14.078	152	11120	0.343	ng		99
17) Acenaphthene	14.431	154	7995	0.363	ng		96
18) Fluorene	15.414	166	10315	0.359	ng		100
20) 4,6-Dinitro-2-methylph...	15.521	198	368	0.359	ng	#	59
21) 4-Bromophenyl-phenylether	16.302	248	2901	0.354	ng		98
22) Hexachlorobenzene	16.425	284	3289	0.363	ng		99
23) Atrazine	16.579	200	1831	0.284	ng		97
24) Pentachlorophenol	16.774	266	684	0.419	ng		92
25) Phenanthrene	17.143	178	17055	0.359	ng		100
26) Anthracene	17.246	178	13732	0.335	ng		100
28) Fluoranthene	19.172	202	18593	0.359	ng		99
30) Pyrene	19.535	202	18745	0.387	ng		100
32) Benzo(a)anthracene	21.288	228	14105	0.345	ng		99
33) Chrysene	21.333	228	16493	0.365	ng		98
34) Bis(2-ethylhexyl)phtha...	21.216	149	7036	0.306	ng		98
36) Indeno(1,2,3-cd)pyrene	25.910	276	12732	0.333	ng		99
37) Benzo(b)fluoranthene	22.890	252	13136	0.397	ng		97
38) Benzo(k)fluoranthene	22.939	252	13750	0.391	ng		97
39) Benzo(a)pyrene	23.480	252	10861	0.379	ng	#	92
40) Dibenzo(a,h)anthracene	25.925	278	9884	0.323	ng		98
41) Benzo(g,h,i)perylene	26.620	276	11216	0.335	ng		98

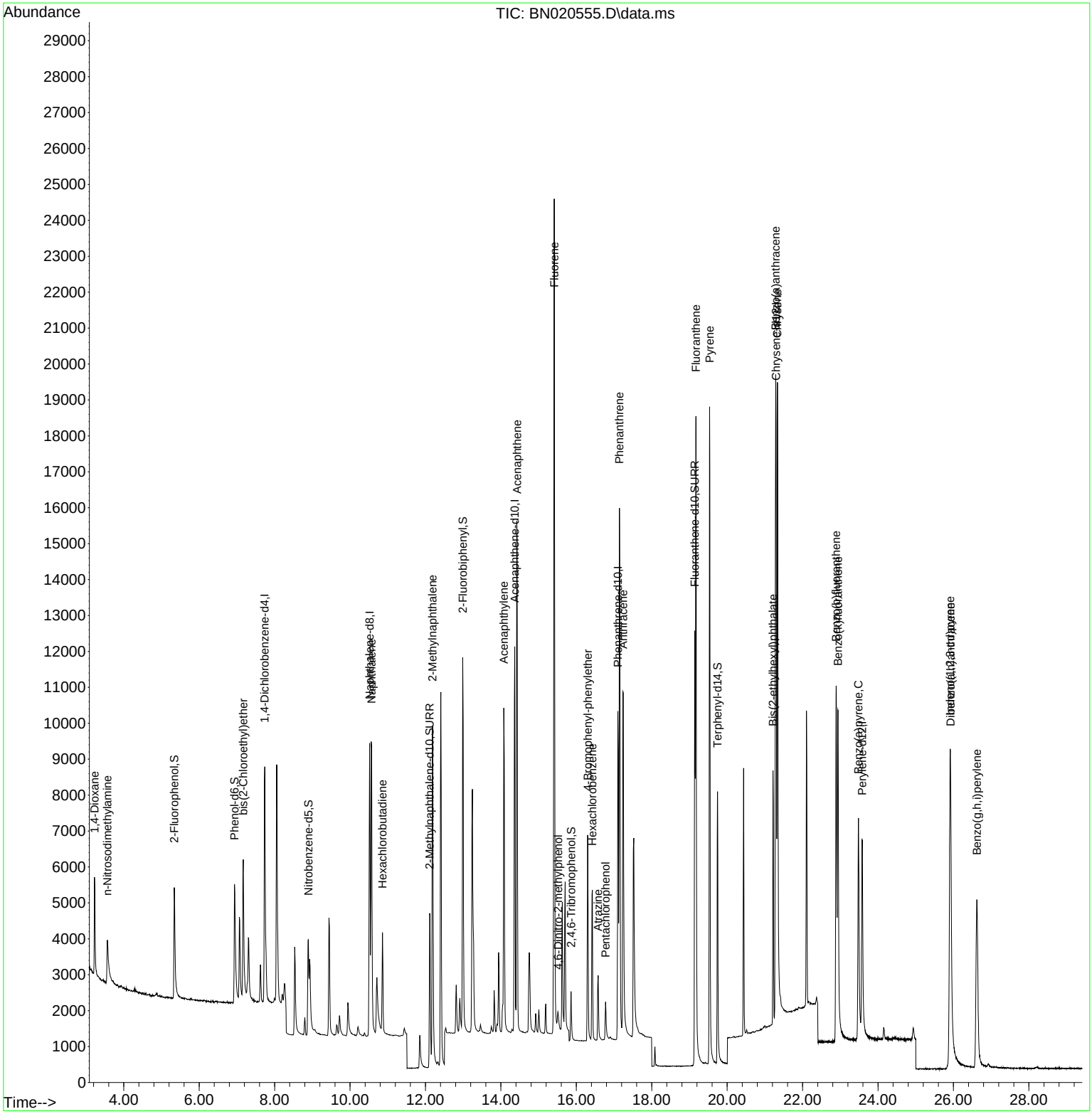
(#) = qualifier out of range (m) = manual integration (+) = signals summed

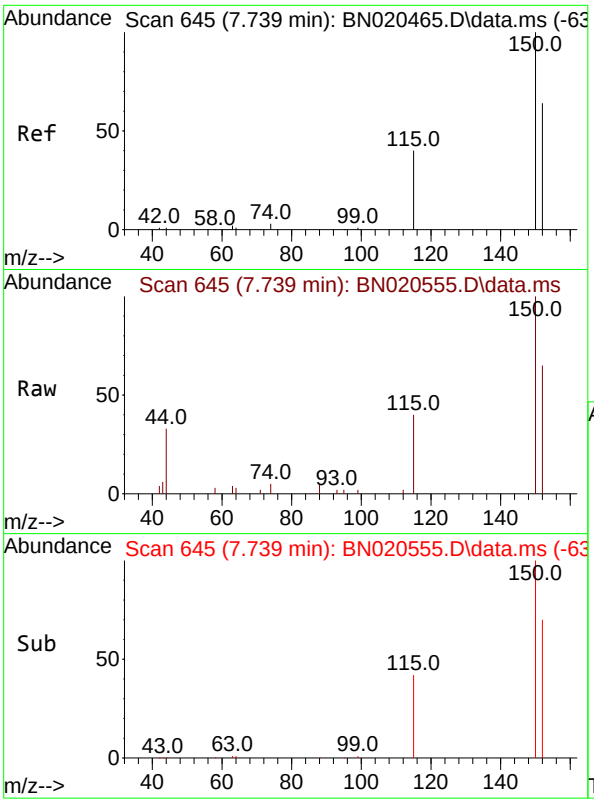
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062822\
Data File : BN020555.D
Acq On : 29 Jun 2022 05:48
Operator : CG/JU
Sample : PB145790BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Quant Time: Jun 29 06:22:41 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



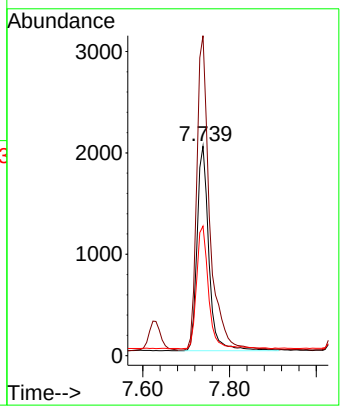


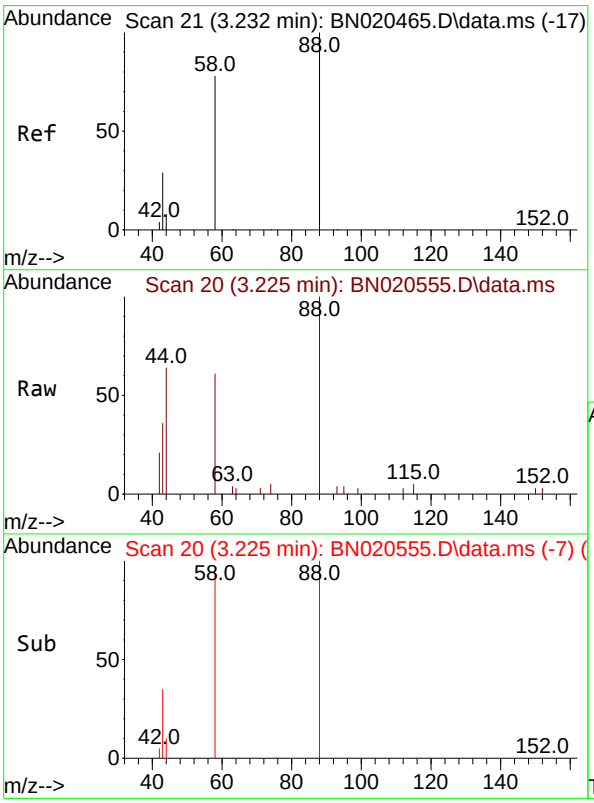
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:152 Resp: 3809

Ion	Ratio	Lower	Upper
152	100		
150	152.8	127.9	191.9
115	61.9	51.4	77.2

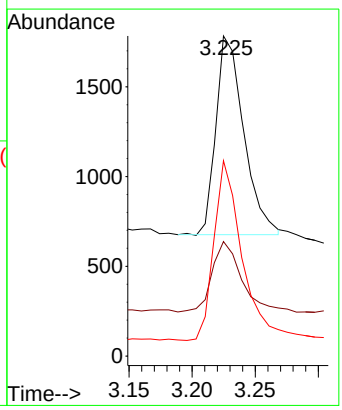


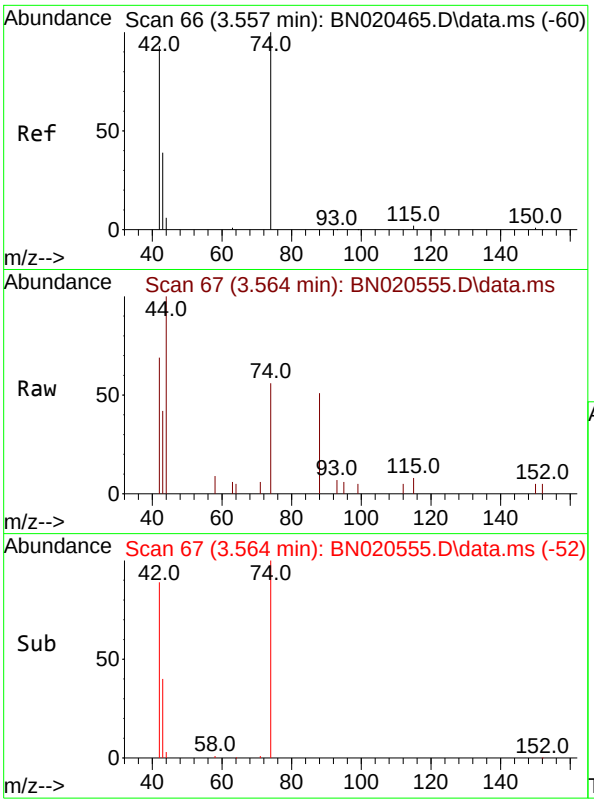


#2
1,4-Dioxane
Concen: 0.340 ng
RT: 3.225 min Scan# 20
Delta R.T. -0.007 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion: 88 Resp: 1698

Ion	Ratio	Lower	Upper
88	100		
43	36.9	30.2	45.2
58	90.2	73.0	109.6



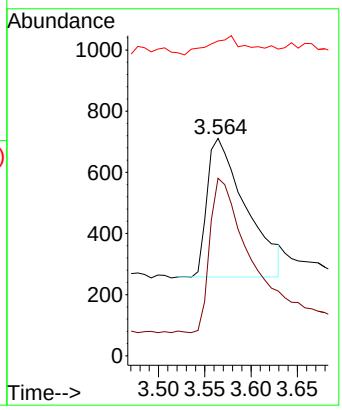


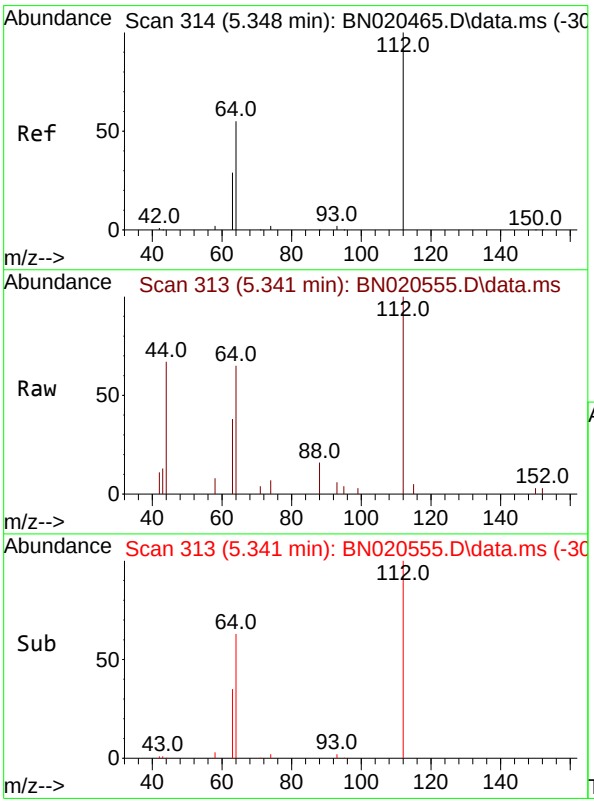
#3
n-Nitrosodimethylamine
Concen: 0.289 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion: 42 Resp: 1315

Ion	Ratio	Lower	Upper
42	100		
74	112.0	84.0	126.0
44	12.9	9.8	14.8

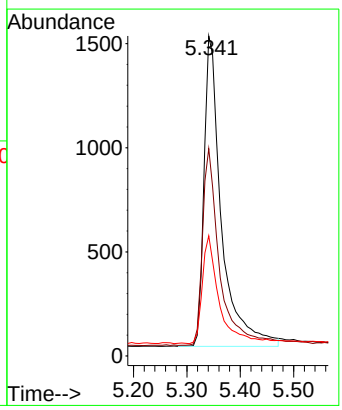


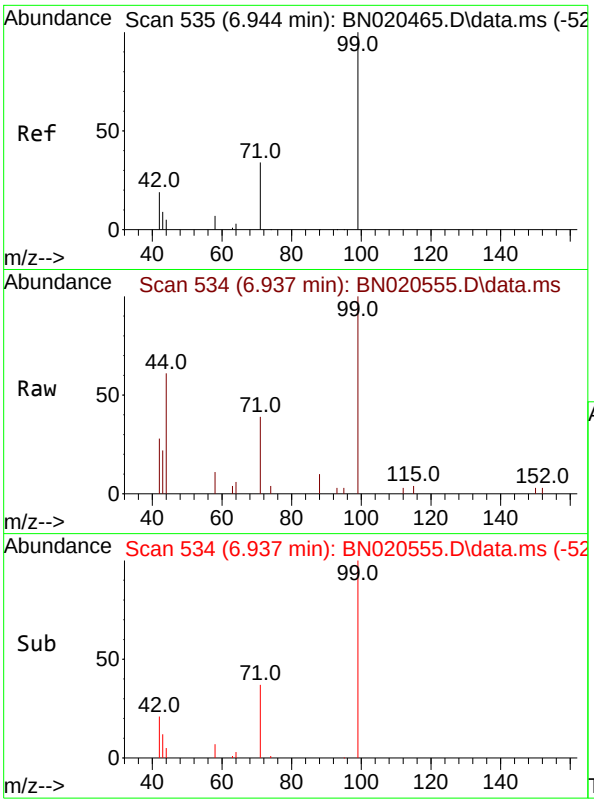


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.341 min Scan# 313
Delta R.T. -0.007 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:112 Resp: 3391

Ion	Ratio	Lower	Upper
112	100		
64	62.3	49.1	73.7
63	33.9	26.3	39.5



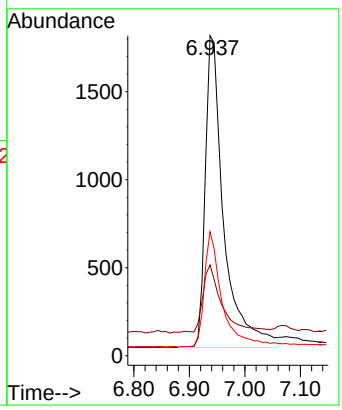


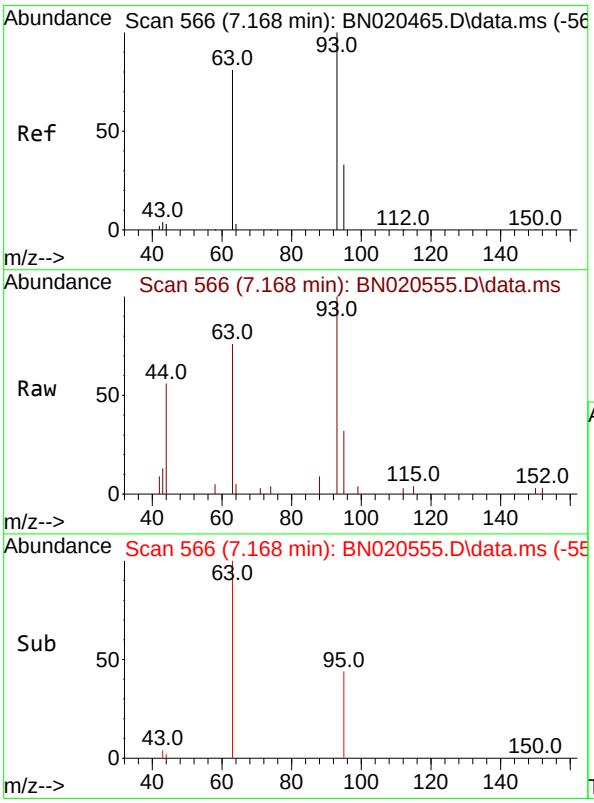
#5
Phenol-d6
Concen: 0.325 ng
RT: 6.937 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion: 99 Resp: 4111

Ion	Ratio	Lower	Upper
99	100		
42	23.3	19.3	28.9
71	35.5	27.5	41.3

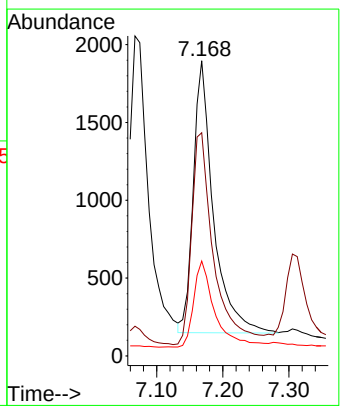


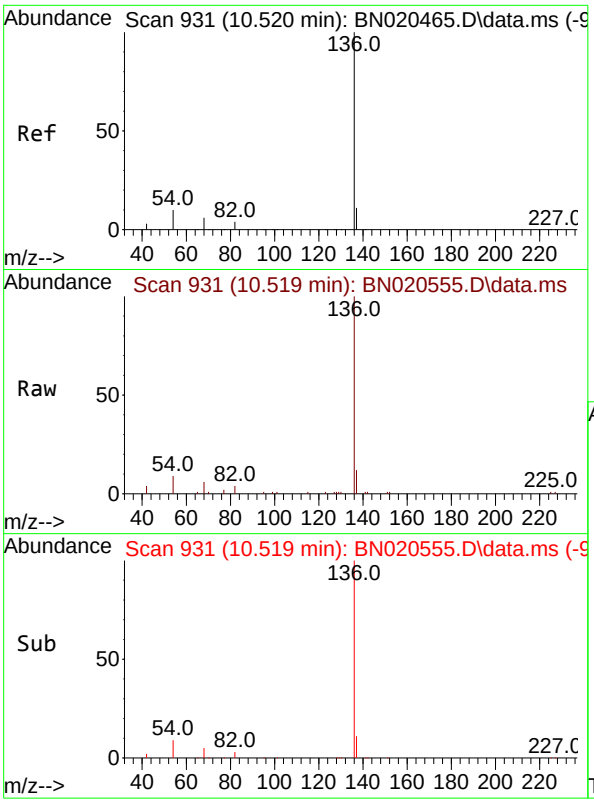


#6
bis(2-Chloroethyl)ether
Concen: 0.340 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion: 93 Resp: 3691

Ion	Ratio	Lower	Upper
93	100		
63	85.4	67.4	101.0
95	33.6	26.5	39.7



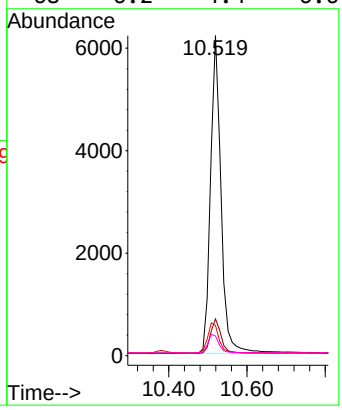


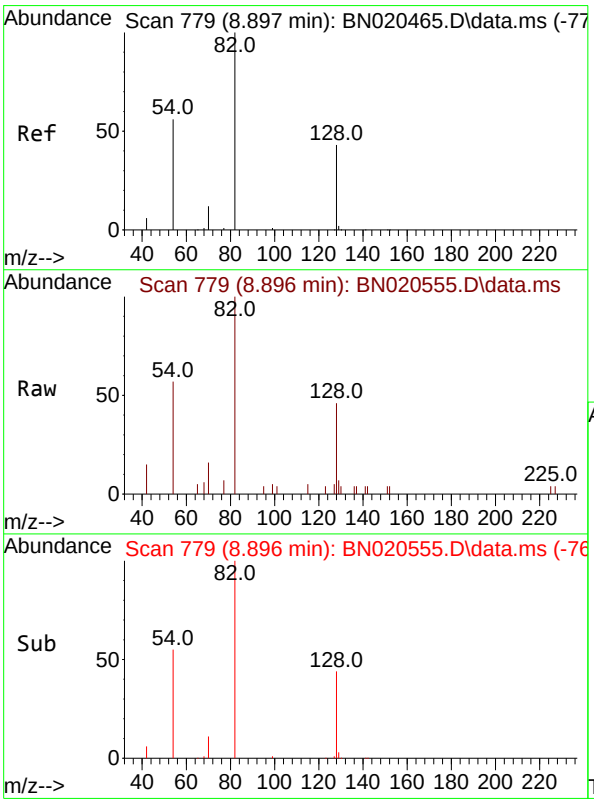
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:136 Resp: 11552

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	9.5	6.2	9.2#
68	6.2	4.4	6.6

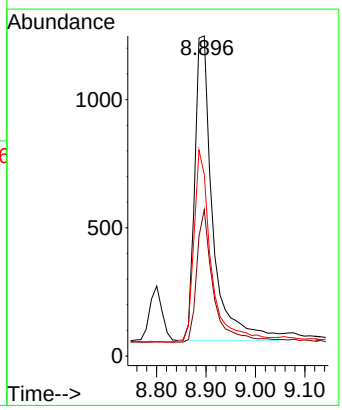


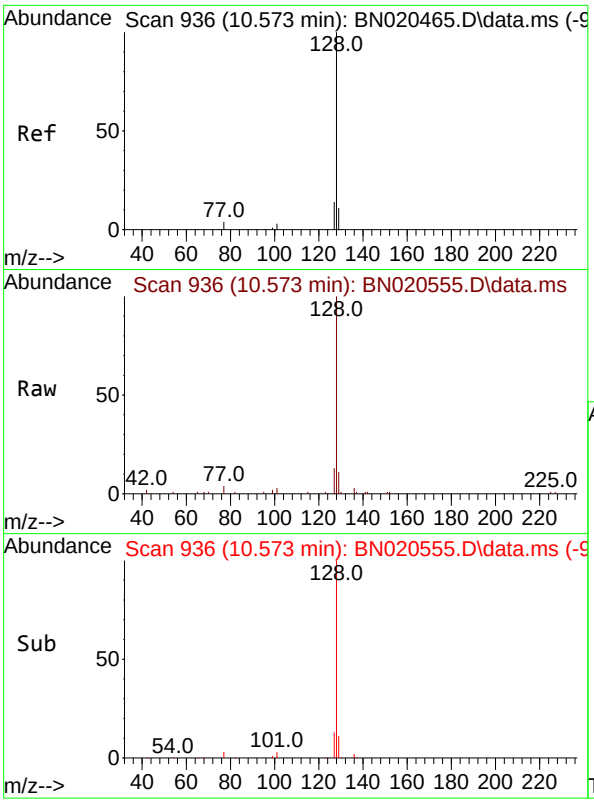


#8
Nitrobenzene-d5
Concen: 0.321 ng
RT: 8.896 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion: 82 Resp: 3004

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.0	52.6
54	56.7	46.2	69.4



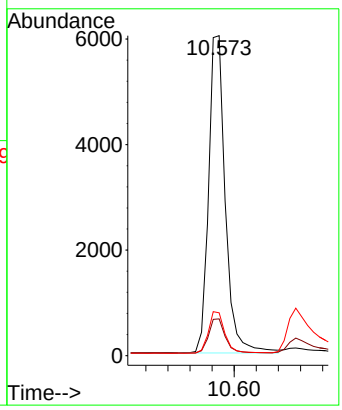


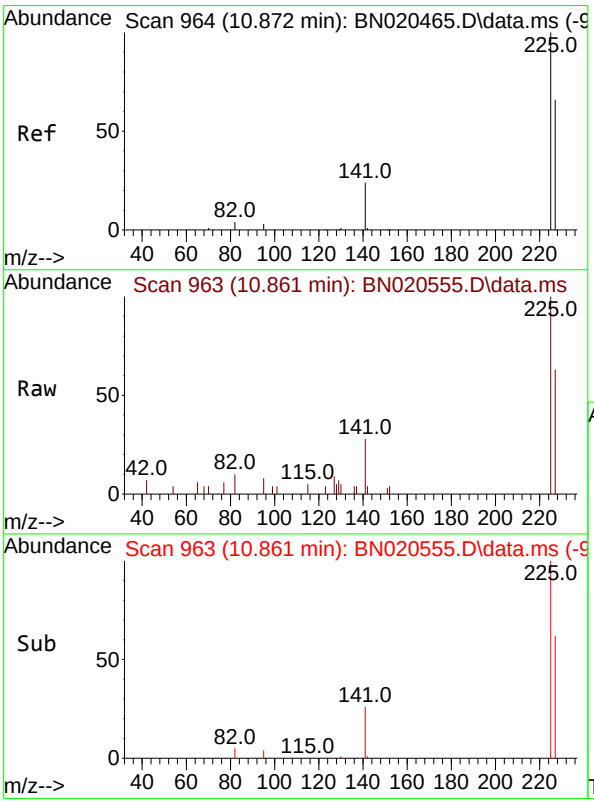
#9
Naphthalene
Concen: 0.367 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:128 Resp: 12649

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.9	13.3
127	13.4	10.8	16.2

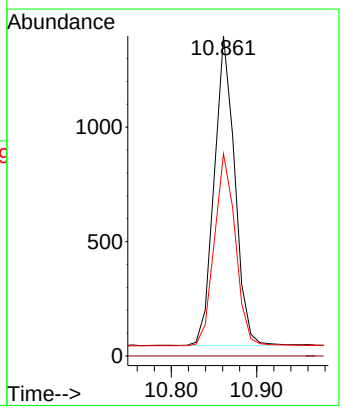


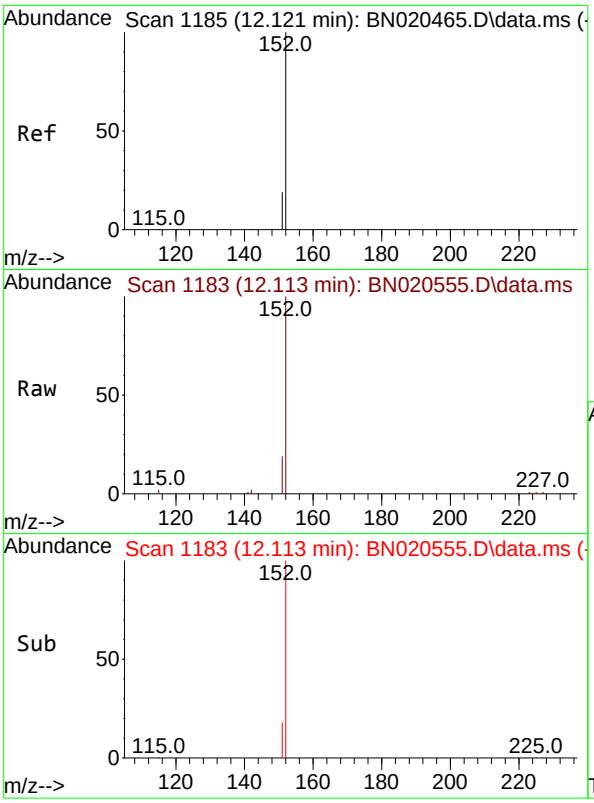


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:225 Resp: 2260

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.9	76.3



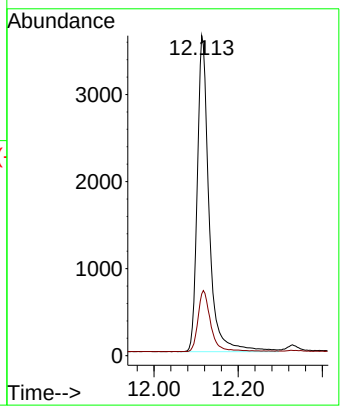


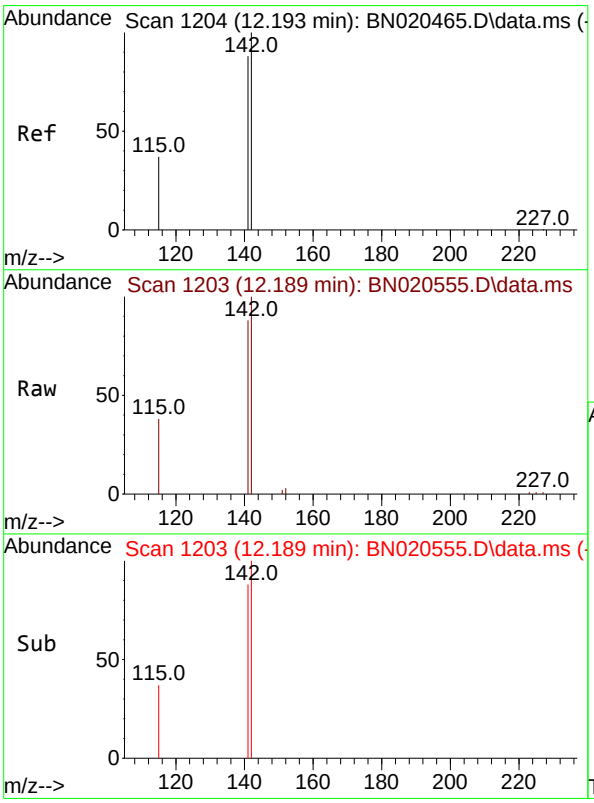
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.113 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:152 Resp: 7082

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

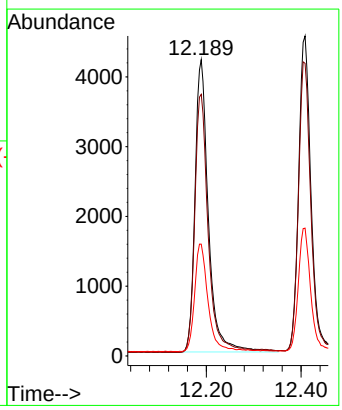


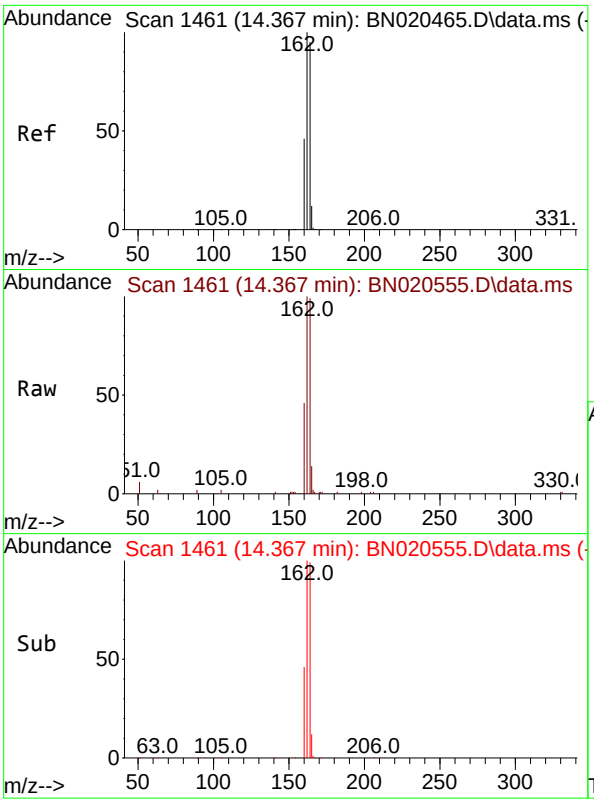


#12
2-Methylnaphthalene
Concen: 0.360 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:142 Resp: 8250

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	37.7	29.8	44.8



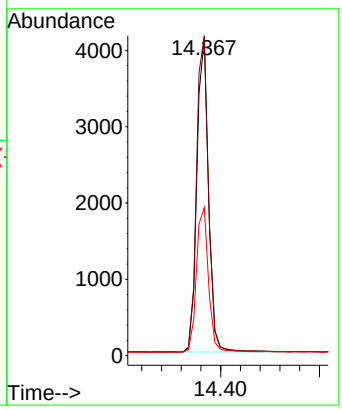


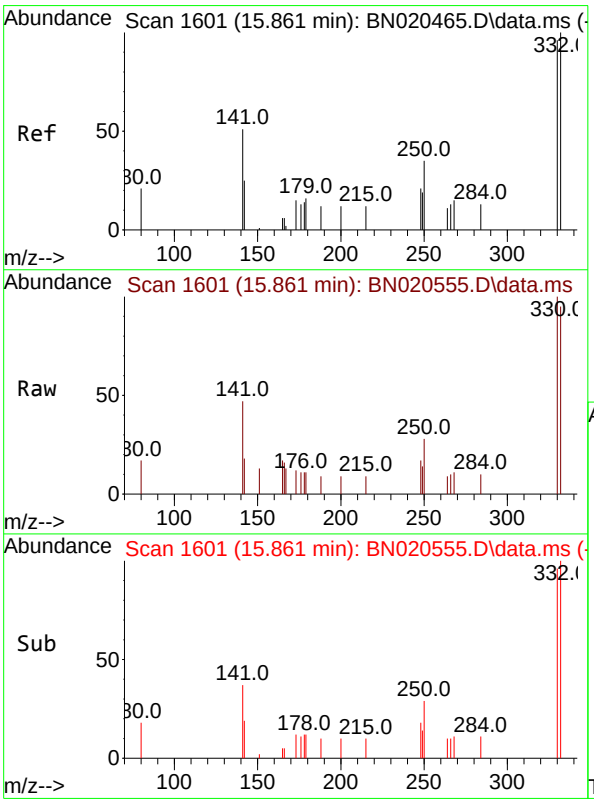
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:164 Resp: 6743

Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.1	123.1
160	46.7	38.6	58.0

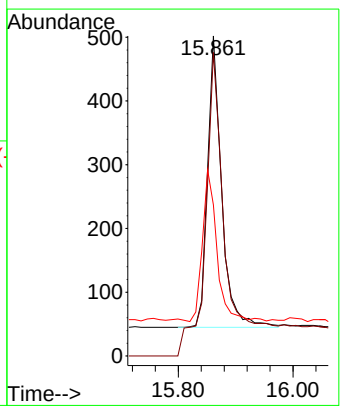


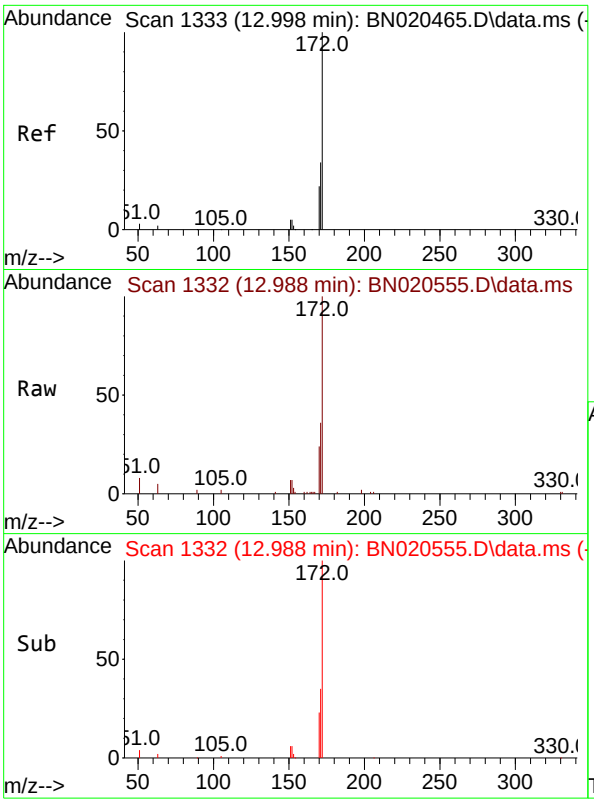


#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:330 Resp: 787

Ion	Ratio	Lower	Upper
330	100		
332	155.3	77.6	116.4#
141	52.2	41.0	61.4



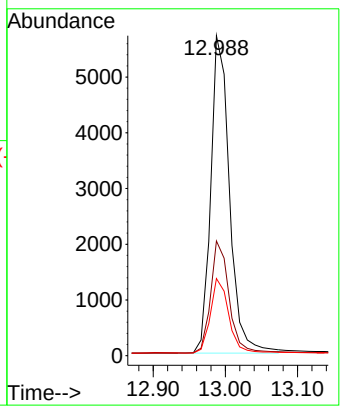


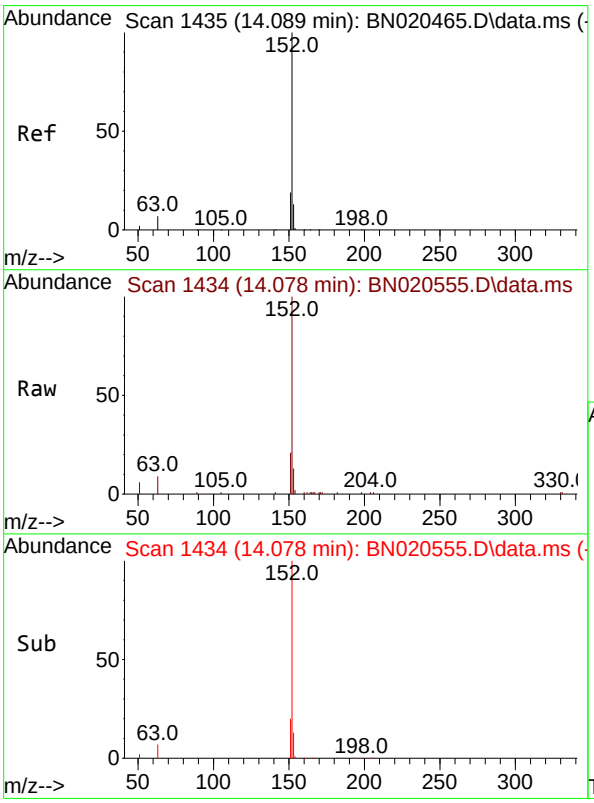
#15
2-Fluorobiphenyl
Concen: 0.370 ng
RT: 12.988 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:172 Resp: 10291

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	24.1	18.2	27.4

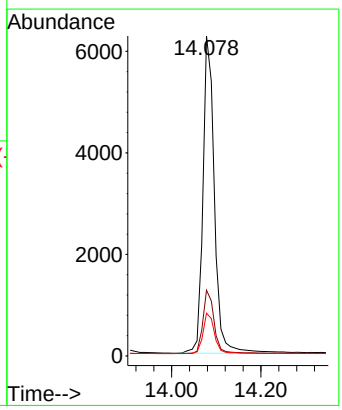


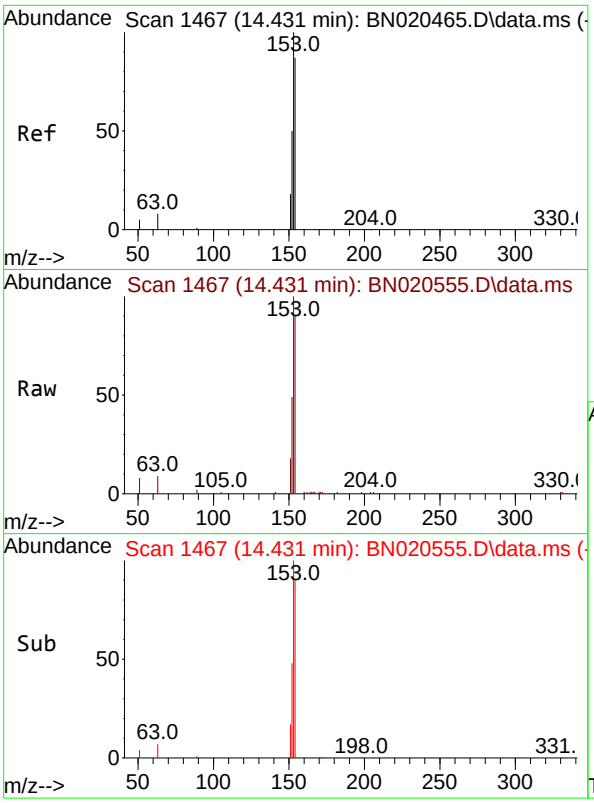


#16
Acenaphthylene
Concen: 0.343 ng
RT: 14.078 min Scan# 1434
Delta R.T. -0.011 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:152 Resp: 11120

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.9	10.7	16.1



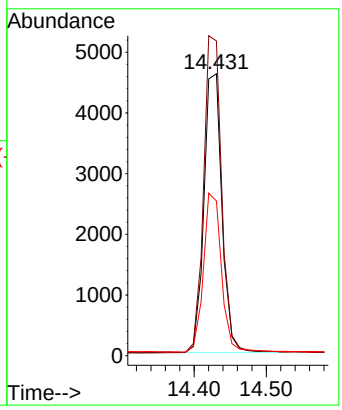


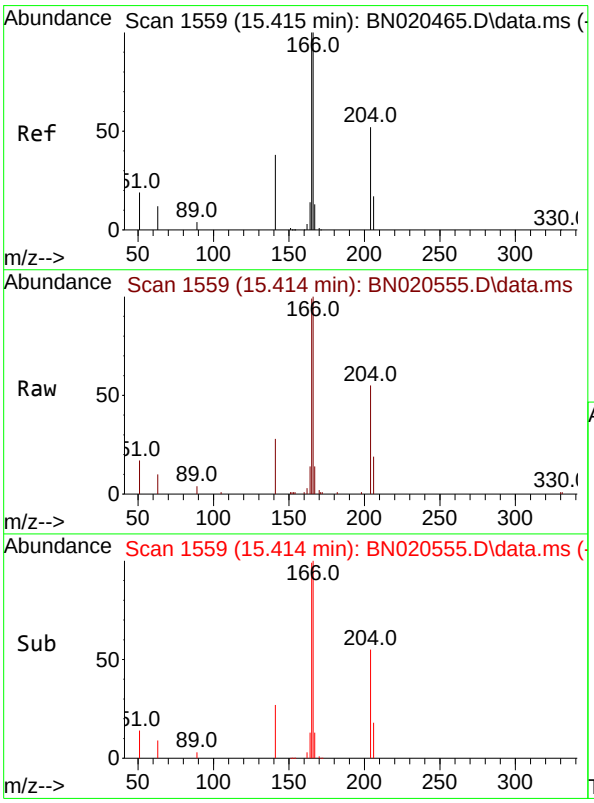
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:154 Resp: 7995

Ion	Ratio	Lower	Upper
154	100		
153	114.6	87.5	131.3
152	57.0	43.8	65.6

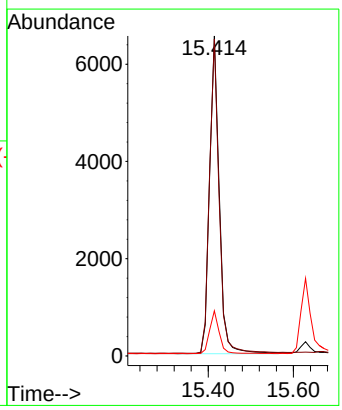


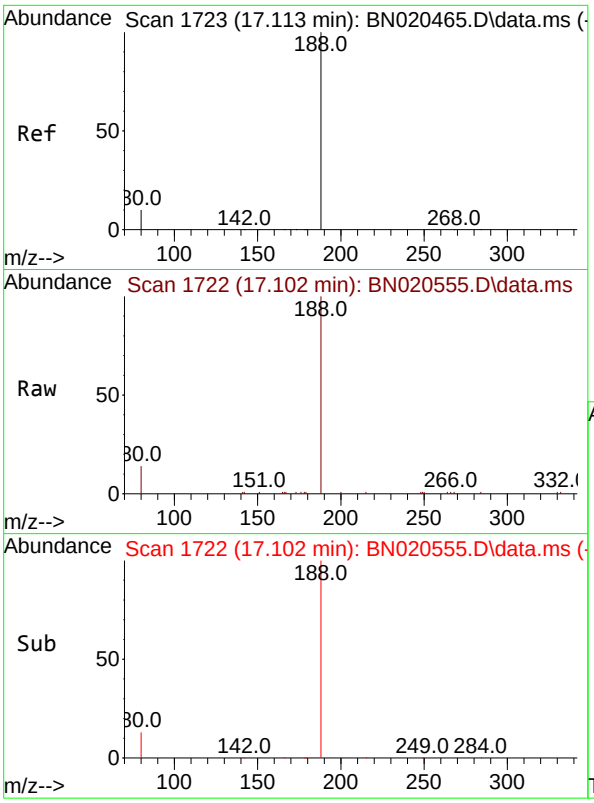


#18
Fluorene
Concen: 0.359 ng
RT: 15.414 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:166 Resp: 10315

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	118.0
167	13.4	10.8	16.2



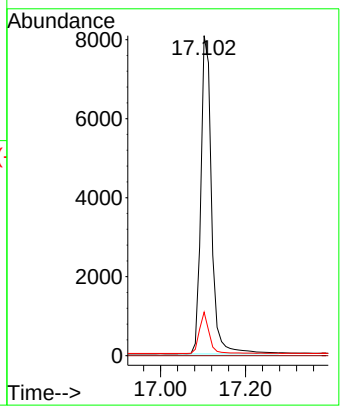


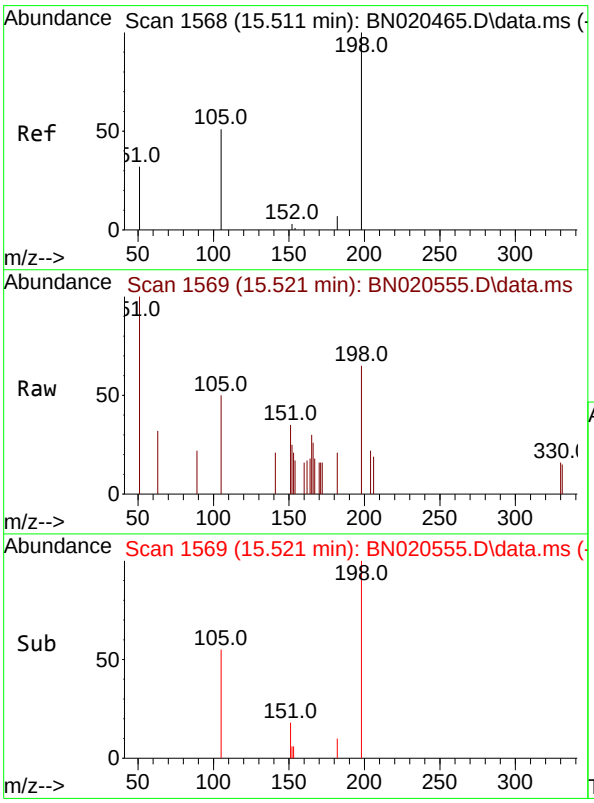
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.102 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:188 Resp: 14090

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	7.4	11.2#

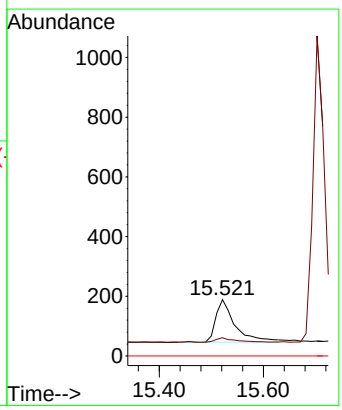


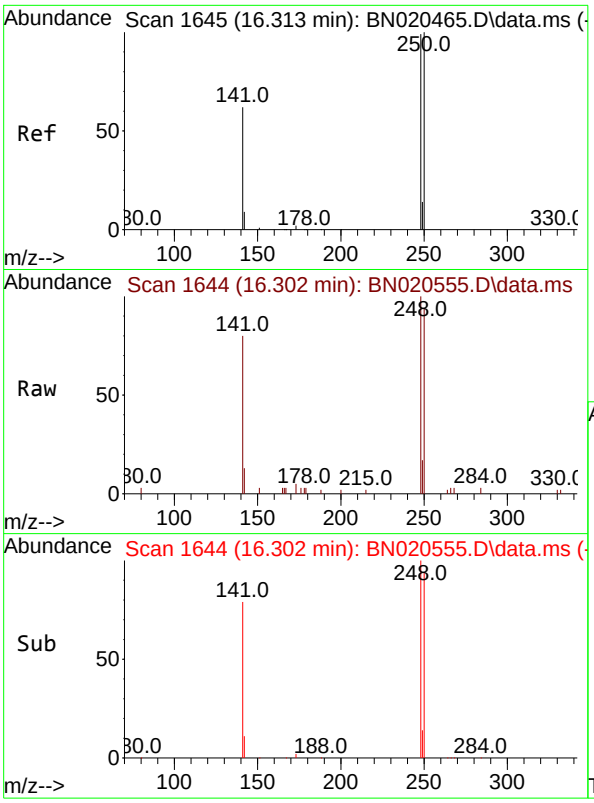


#20
4,6-Dinitro-2-methylphenol
Concen: 0.359 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.010 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:198 Resp: 368

Ion	Ratio	Lower	Upper
198	100		
182	32.3	12.1	18.1#
77	0.0	0.0	0.0



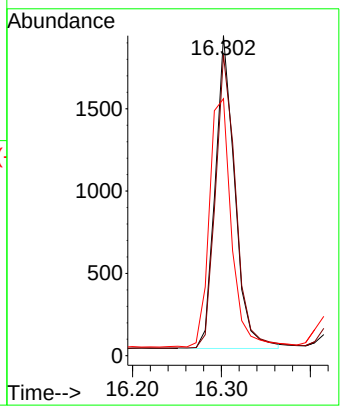


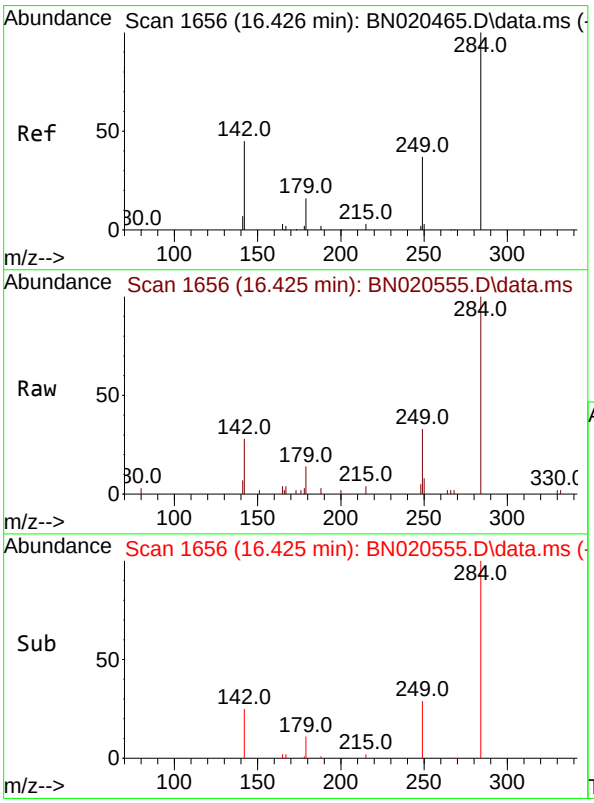
#21
4-Bromophenyl-phenylether
Concen: 0.354 ng
RT: 16.302 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:248 Resp: 2901

Ion	Ratio	Lower	Upper
248	100		
250	94.0	75.3	112.9
141	80.3	67.3	100.9

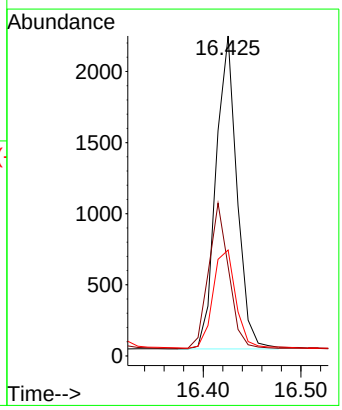


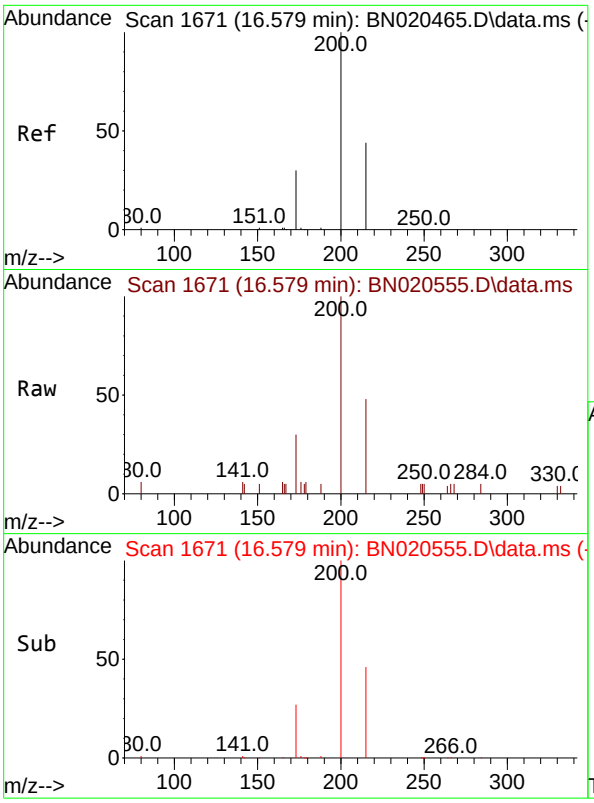


#22
Hexachlorobenzene
Concen: 0.363 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:284 Resp: 3289

Ion	Ratio	Lower	Upper
284	100		
142	44.7	35.2	52.8
249	34.0	26.6	40.0



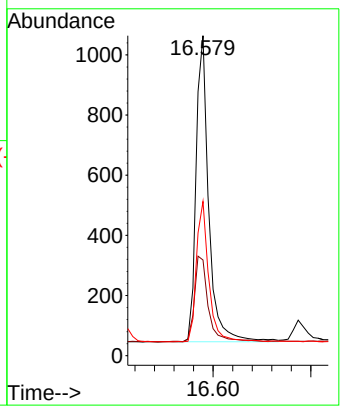


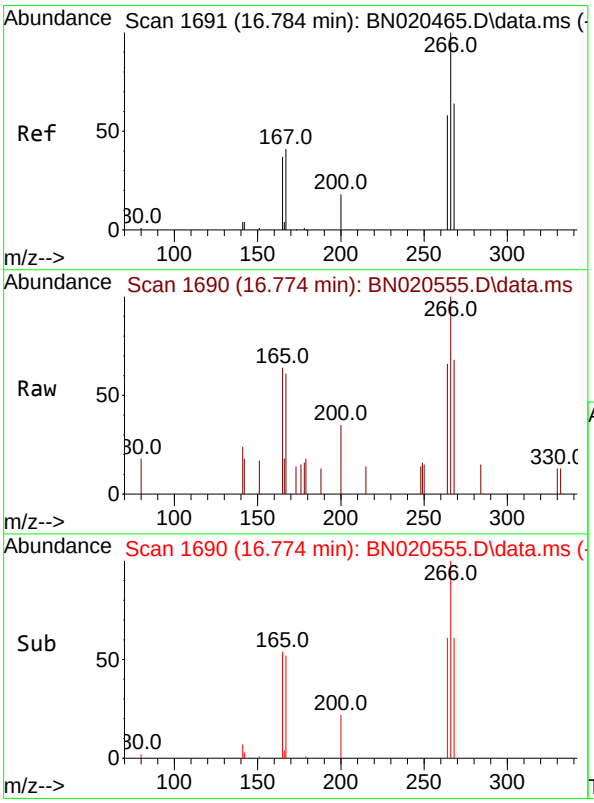
#23
Atrazine
Concen: 0.284 ng
RT: 16.579 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:200 Resp: 1831

Ion	Ratio	Lower	Upper
200	100		
173	29.9	23.6	35.4
215	48.2	36.6	54.8

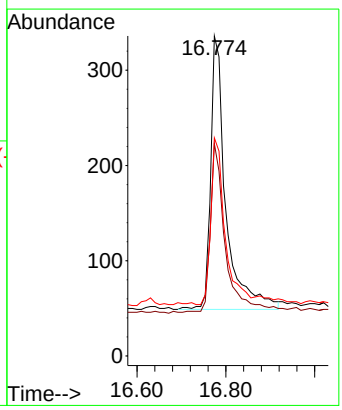


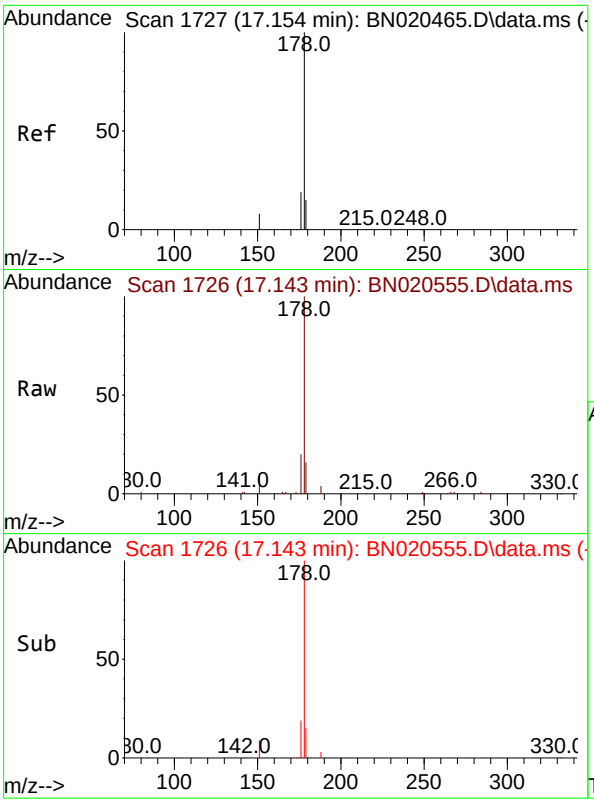


#24
Pentachlorophenol
Concen: 0.419 ng
RT: 16.774 min Scan# 1690
Delta R.T. -0.010 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:266 Resp: 684

Ion	Ratio	Lower	Upper
266	100		
264	59.9	51.3	76.9
268	57.5	52.6	79.0





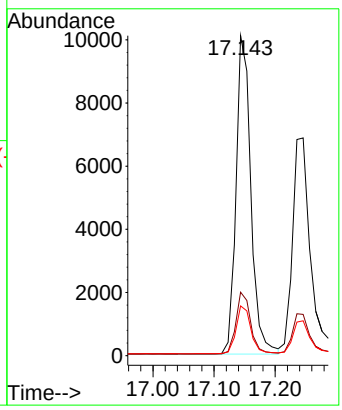
#25
Phenanthrene
Concen: 0.359 ng
RT: 17.143 min Scan# 1

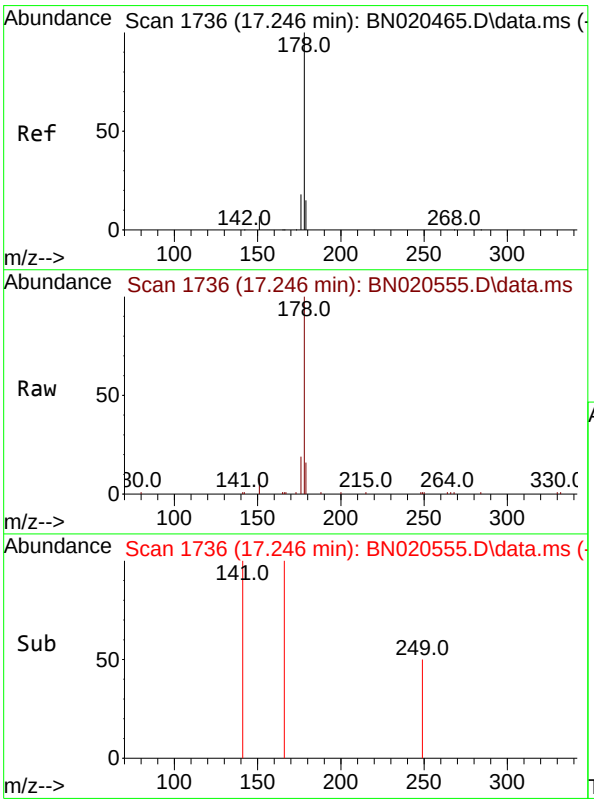
Instrument :
BNA_N
ClientSampleId :
PB145790BS

Delta R.T. -0.010 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:178 Resp: 17055

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.1	12.2	18.4

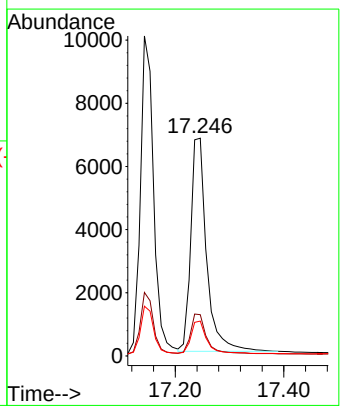


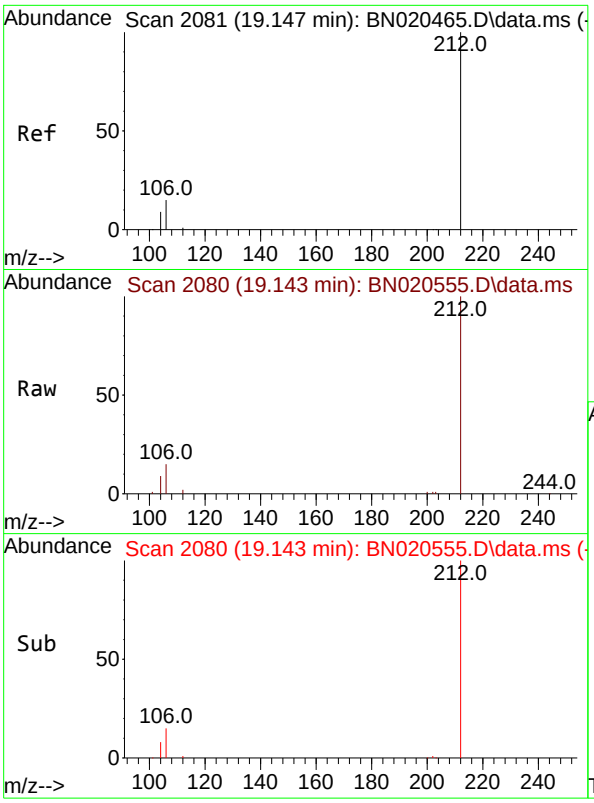


#26
Anthracene
Concen: 0.335 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:178 Resp: 13732

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.1	12.2	18.4



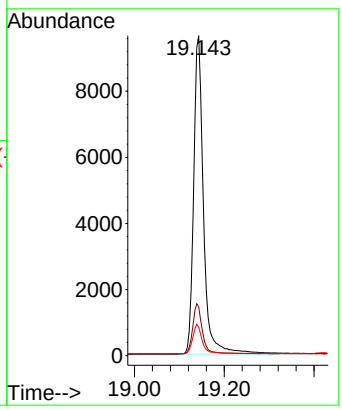


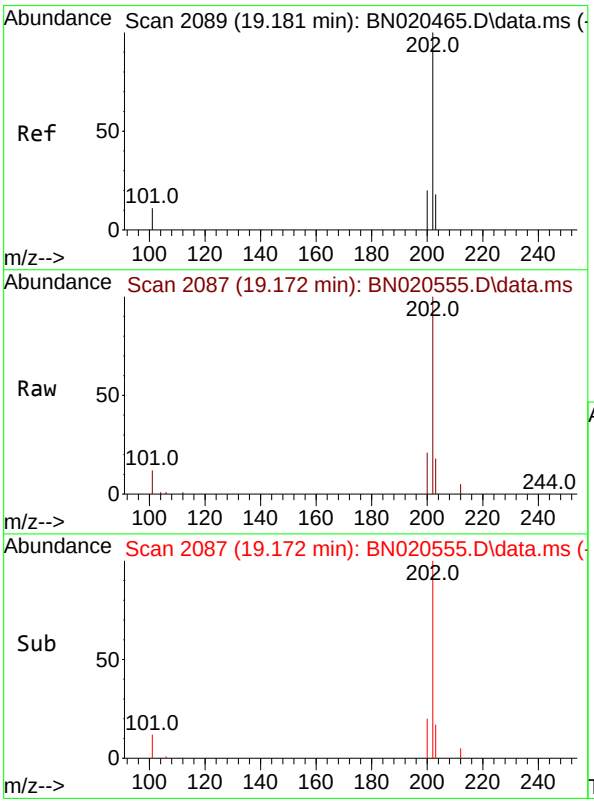
#27
Fluoranthene-d10
Concen: 0.351 ng
RT: 19.143 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:212 Resp: 14710

Ion	Ratio	Lower	Upper
212	100		
106	15.5	12.6	19.0
104	8.8	7.2	10.8

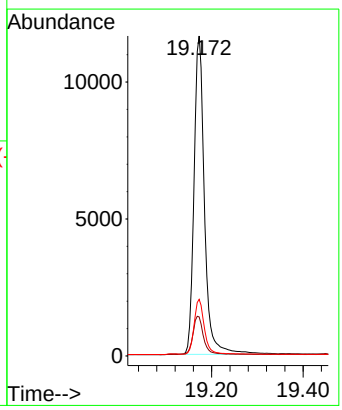


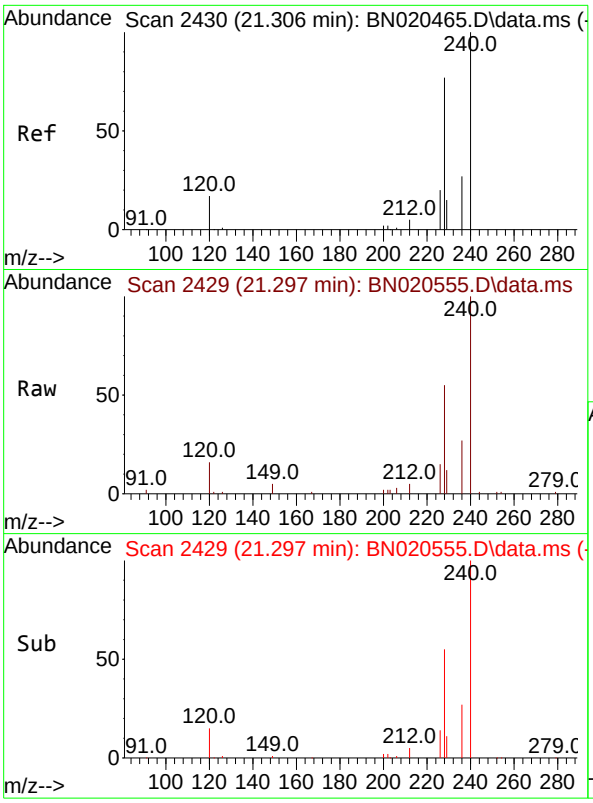


#28
Fluoranthene
Concen: 0.359 ng
RT: 19.172 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:202 Resp: 18593

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	16.8	13.5	20.3



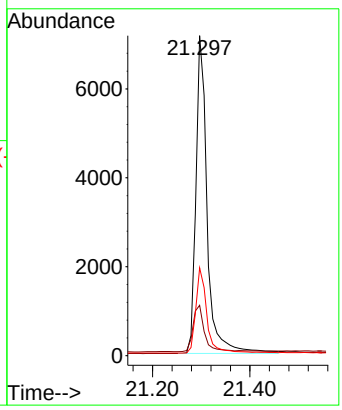


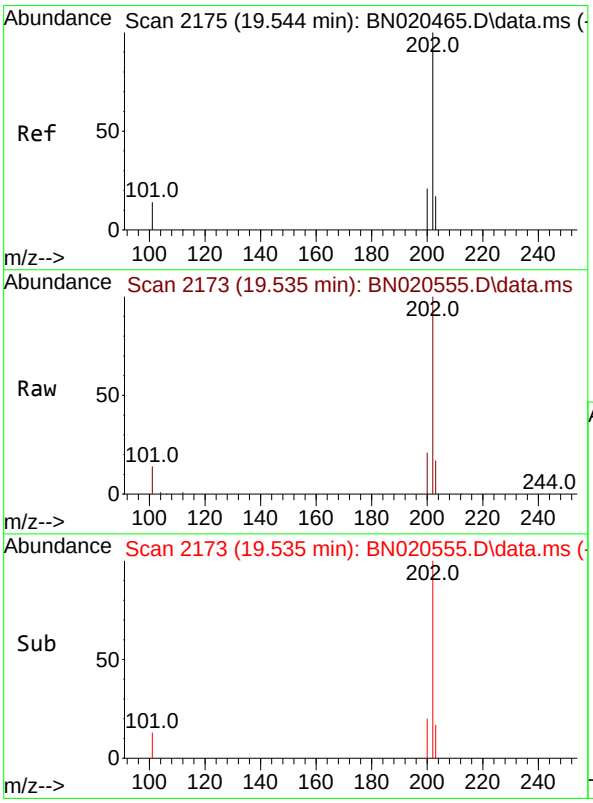
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:240 Resp: 11430

Ion	Ratio	Lower	Upper
240	100		
120	15.8	14.6	21.8
236	27.4	22.6	33.8

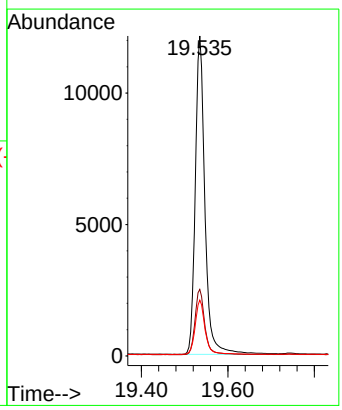


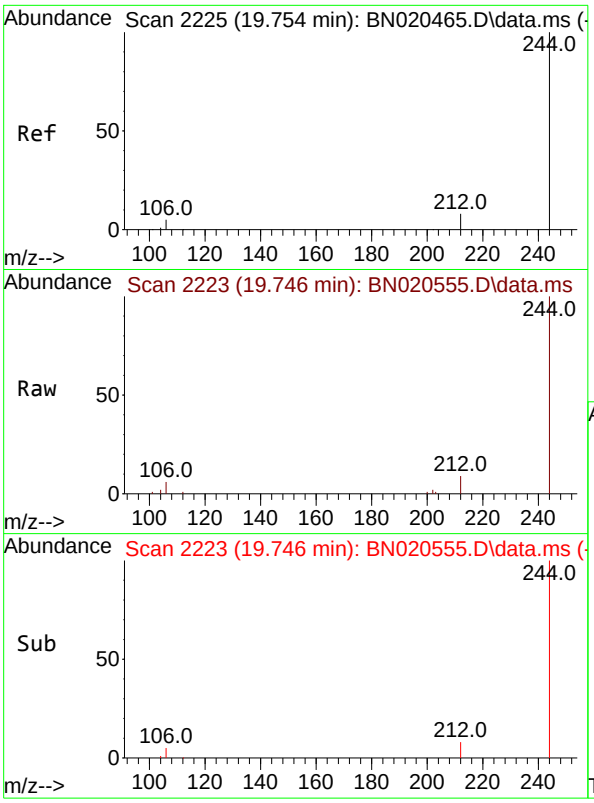


#30
Pyrene
Concen: 0.387 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:202 Resp: 18745

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.5	14.2	21.2



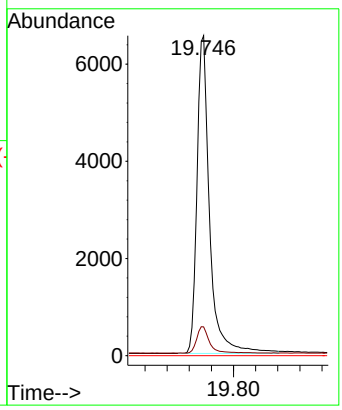


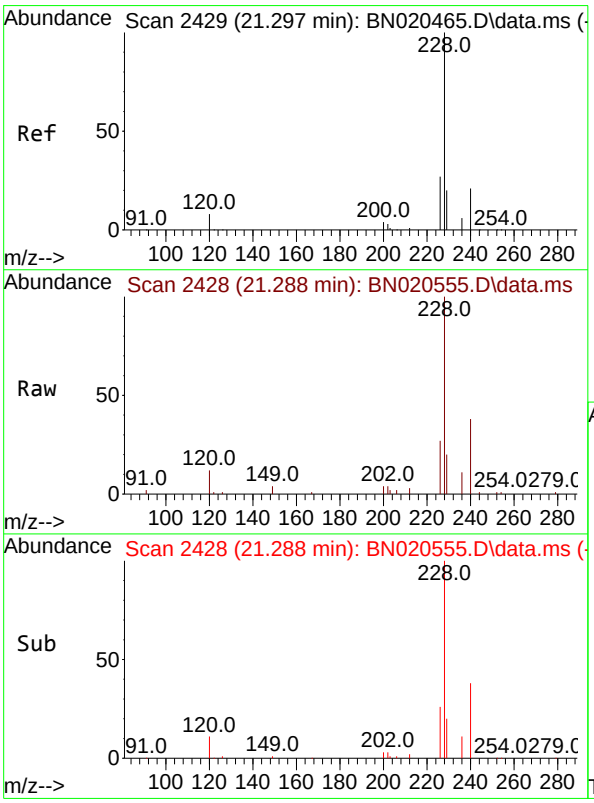
#31
Terphenyl-d14
Concen: 0.378 ng
RT: 19.746 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:244 Resp: 10329

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.1	10.7
122	0.0	0.0	0.0

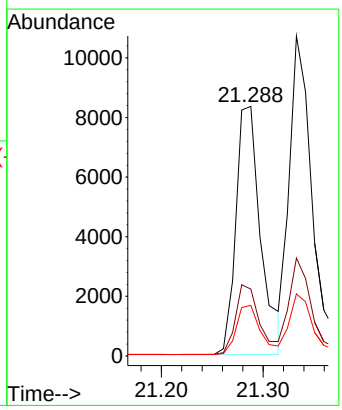


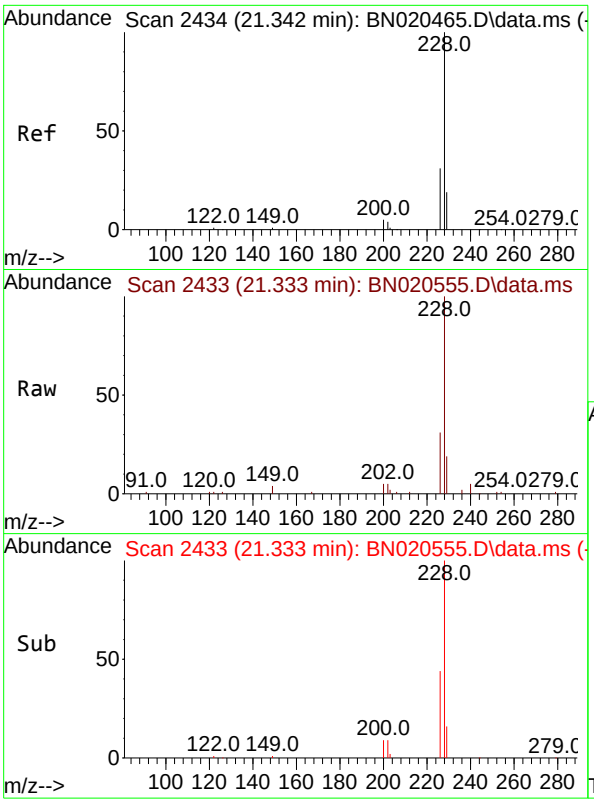


#32
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:228 Resp: 14105

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.2	31.8
229	20.3	15.6	23.4



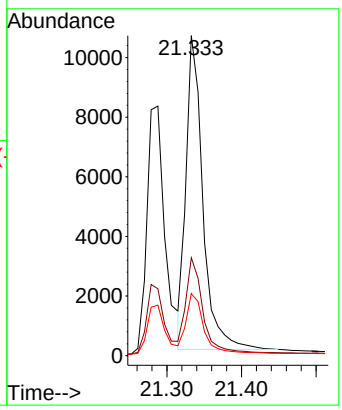


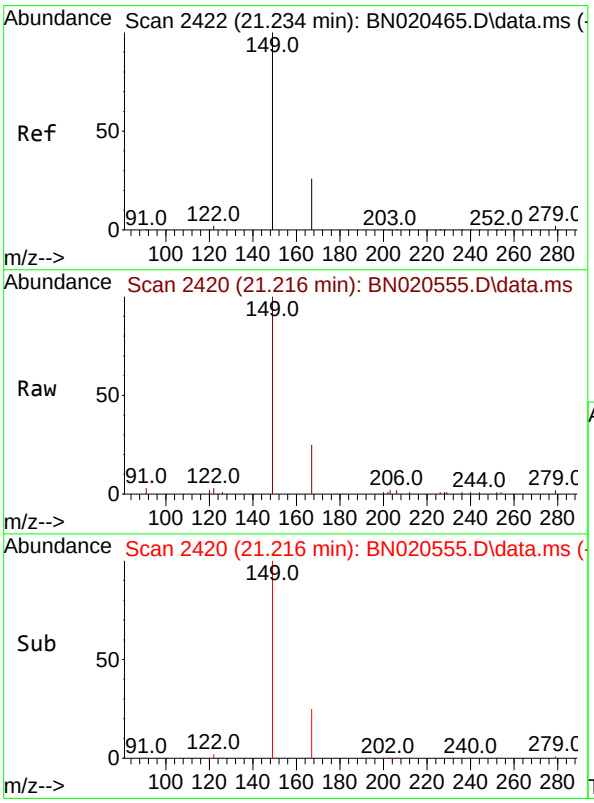
#33
Chrysene
Concen: 0.365 ng
RT: 21.333 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:228 Resp: 16493

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	19.4	15.7	23.5

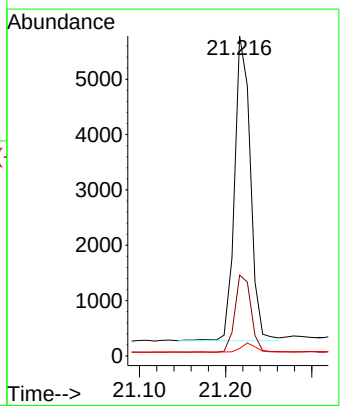


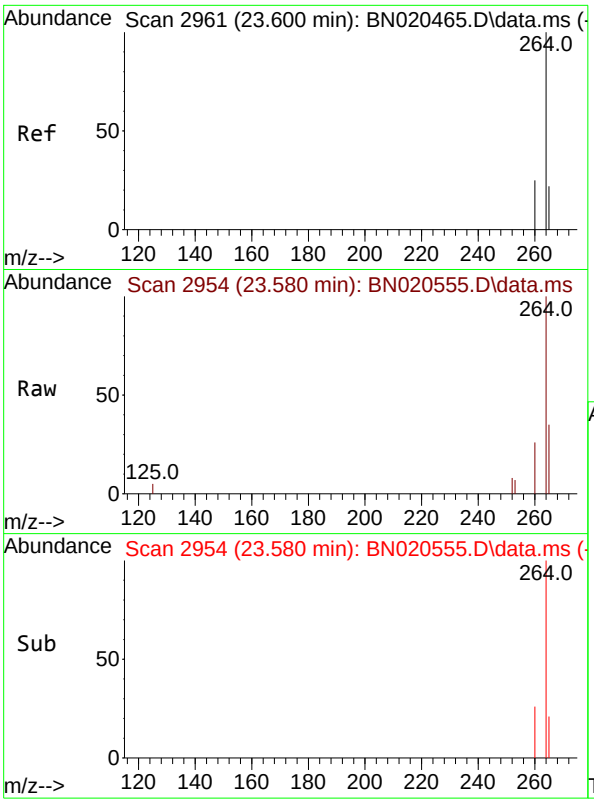


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.306 ng
RT: 21.216 min Scan# 2420
Delta R.T. -0.018 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:149 Resp: 7036

Ion	Ratio	Lower	Upper
149	100		
167	25.9	21.7	32.5
279	2.9	2.2	3.2



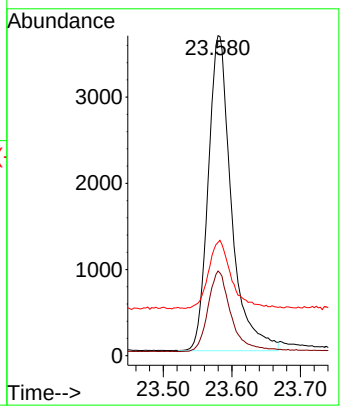


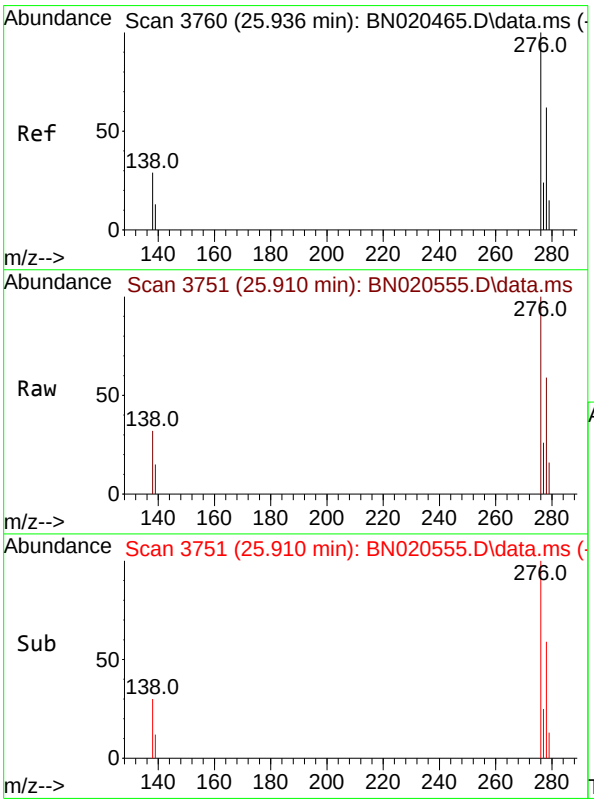
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.580 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:264 Resp: 8576

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.9	31.3
265	35.4	28.0	42.0

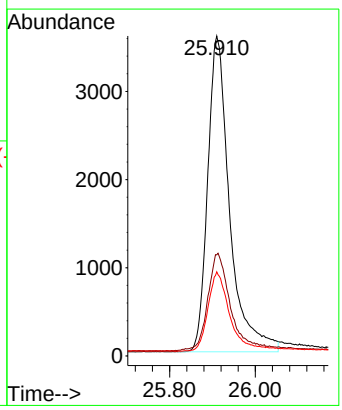


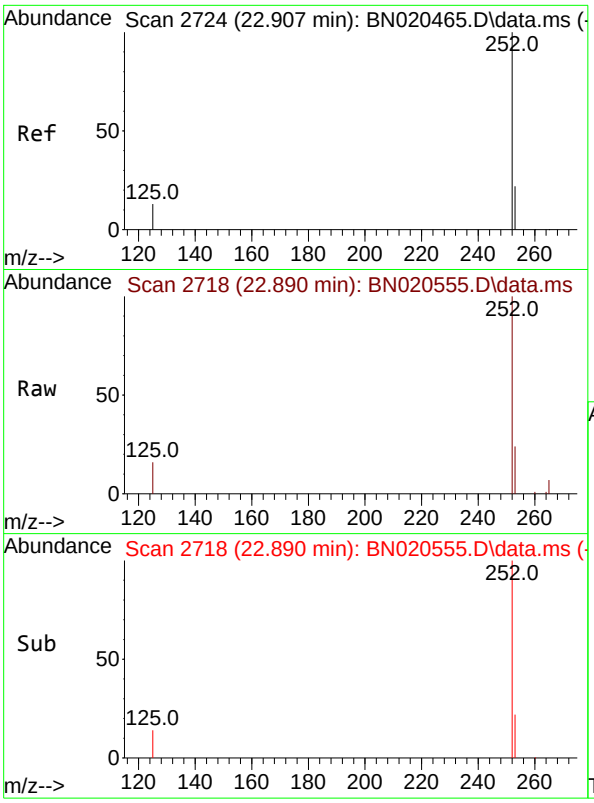


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.333 ng
RT: 25.910 min Scan# 3751
Delta R.T. -0.026 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:276 Resp: 12732

Ion	Ratio	Lower	Upper
276	100		
138	31.3	25.9	38.9
277	24.5	19.8	29.8



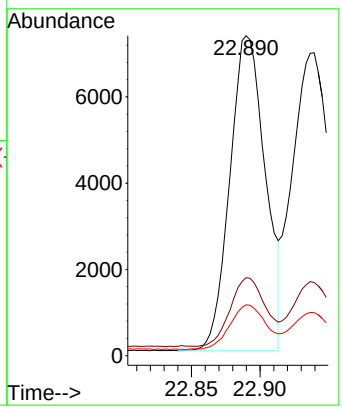


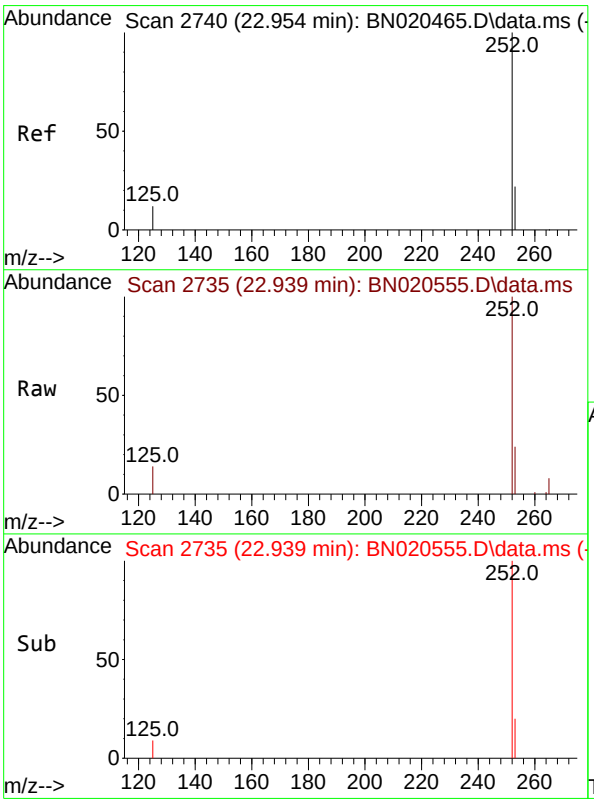
#37
Benzo(b)fluoranthene
Concen: 0.397 ng
RT: 22.890 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:252 Resp: 13136

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.5	27.7
125	15.9	11.4	17.0

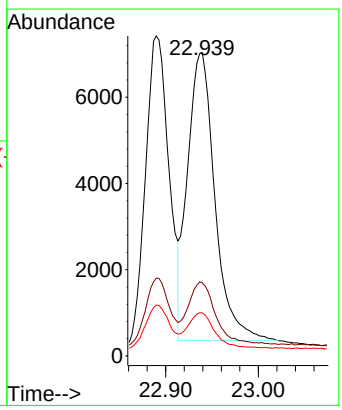


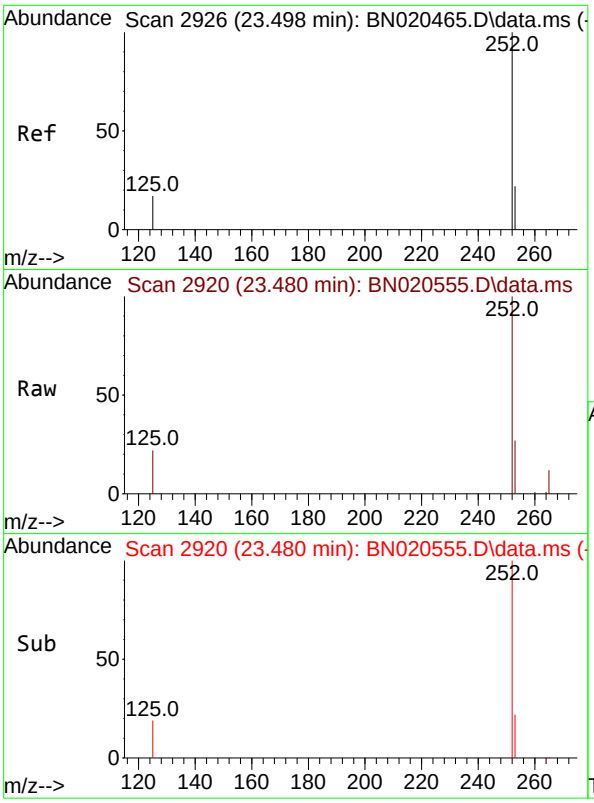


#38
Benzo(k)fluoranthene
Concen: 0.391 ng
RT: 22.939 min Scan# 2735
Delta R.T. -0.015 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:252 Resp: 13750

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	14.2	11.0	16.4



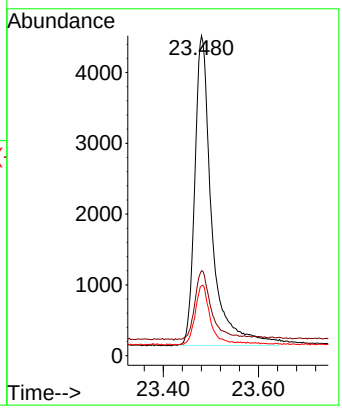


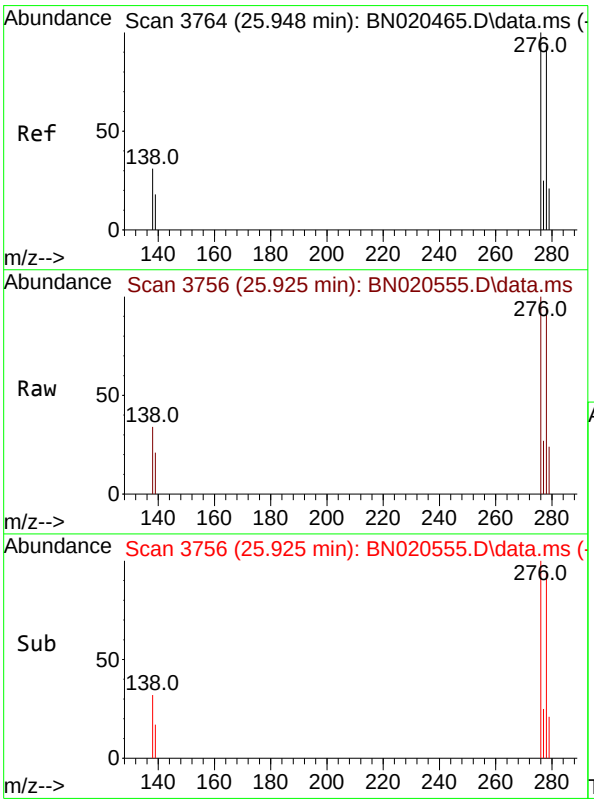
#39
Benzo(a)pyrene
Concen: 0.379 ng
RT: 23.480 min Scan# 2
Delta R.T. -0.018 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:252 Resp: 10861

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.0	28.4
125	21.8	13.8	20.8#

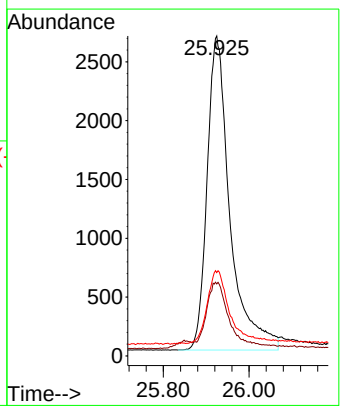


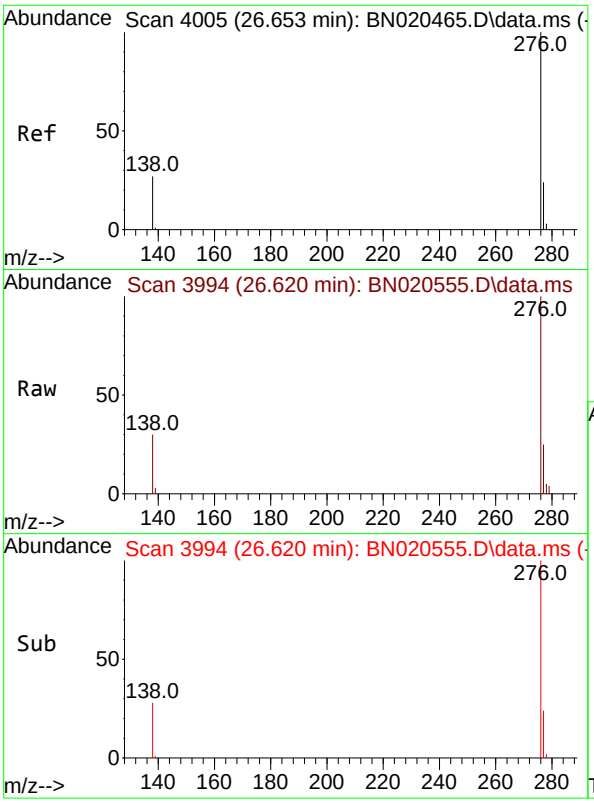


#40
Dibenzo(a,h)anthracene
Concen: 0.323 ng
RT: 25.925 min Scan# 3756
Delta R.T. -0.024 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Tgt Ion:278 Resp: 9884

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.6	28.0
279	26.0	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.335 ng
RT: 26.620 min Scan# 3
Delta R.T. -0.032 min
Lab File: BN020555.D
Acq: 29 Jun 2022 05:48

Instrument :
BNA_N
ClientSampleId :
PB145790BS

Tgt Ion:276 Resp: 11216

Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	29.6	22.6	34.0