Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020645.D
Acq On : 03 Jul 2022 02:41
Operator : CG/JU
Sample : PB145881BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Quant Time: Jul 04 02:40:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

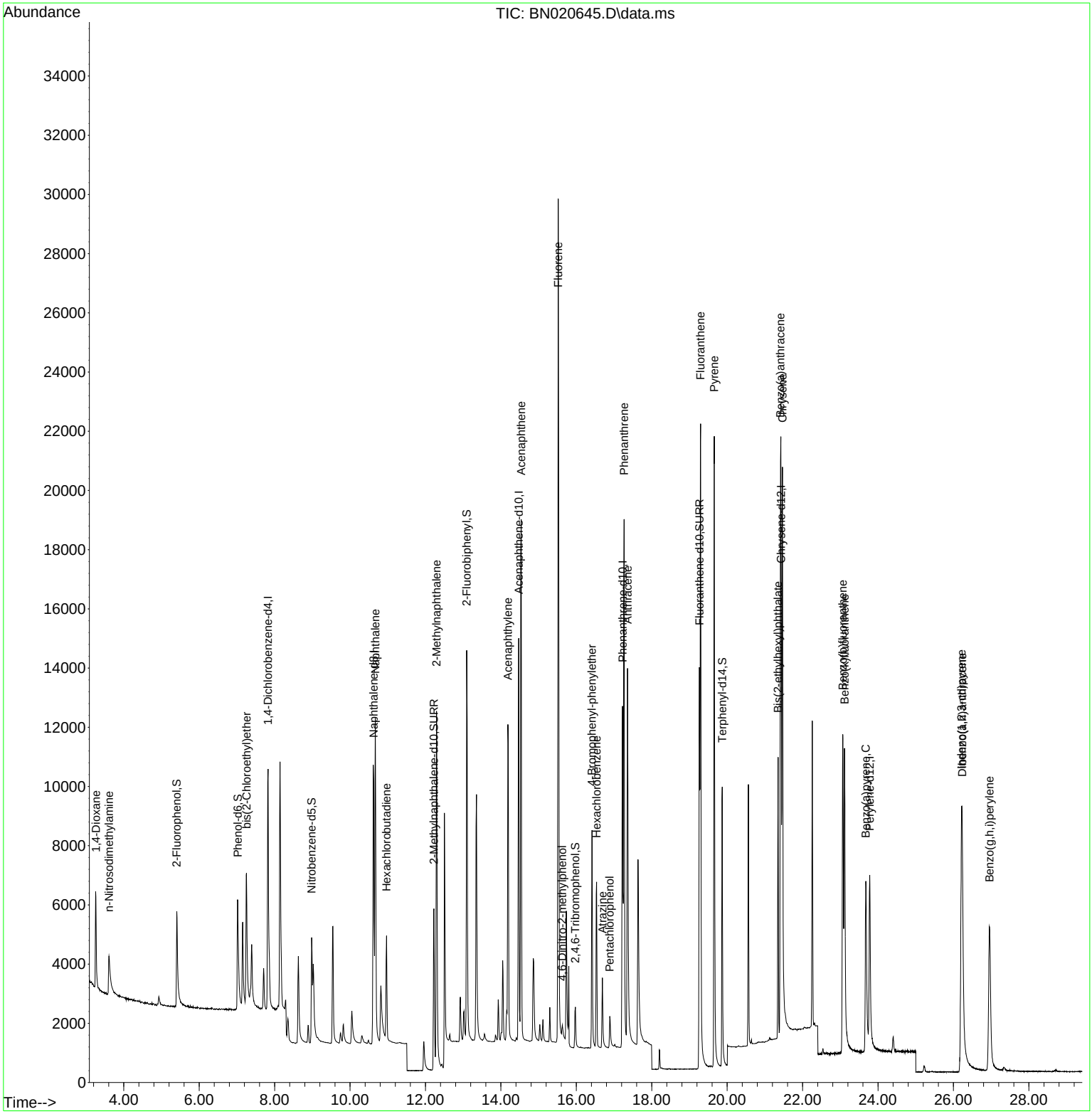
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4675	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	14379	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8271	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	17412	0.400	ng		0.00
29) Chrysene-d12	21.431	240	13021	0.400	ng	#	0.00
35) Perylene-d12	23.782	264	9933	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3837	0.296	ng		0.00
5) Phenol-d6	7.024	99	4882	0.315	ng		0.00
8) Nitrobenzene-d5	8.982	82	3816	0.327	ng		-0.01
11) 2-Methylnaphthalene-d10	12.223	152	8906	0.361	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	873	0.280	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	13058	0.382	ng		-0.01
27) Fluoranthene-d10	19.265	212	17404	0.336	ng		0.00
31) Terphenyl-d14	19.868	244	12449	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2118	0.346	ng		98
3) n-Nitrosodimethylamine	3.608	42	1702	0.305	ng	#	96
6) bis(2-Chloroethyl)ether	7.255	93	4597	0.345	ng		98
9) Naphthalene	10.669	128	15965	0.372	ng		100
10) Hexachlorobutadiene	10.968	225	2895	0.370	ng	#	99
12) 2-Methylnaphthalene	12.295	142	10363	0.363	ng		99
16) Acenaphthylene	14.185	152	13809	0.347	ng		99
17) Acenaphthene	14.538	154	9757	0.361	ng		95
18) Fluorene	15.522	166	12475	0.353	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	449	0.357	ng	#	63
21) 4-Bromophenyl-phenylether	16.415	248	3791	0.374	ng		97
22) Hexachlorobenzene	16.538	284	4278	0.382	ng		98
23) Atrazine	16.692	200	2300	0.288	ng		97
24) Pentachlorophenol	16.887	266	716	0.383	ng		97
25) Phenanthrene	17.267	178	20723	0.353	ng		100
26) Anthracene	17.359	178	16555	0.327	ng		99
28) Fluoranthene	19.295	202	22256	0.347	ng		99
30) Pyrene	19.657	202	22179	0.402	ng		100
32) Benzo(a)anthracene	21.413	228	15330	0.330	ng		99
33) Chrysene	21.467	228	19400	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	8709	0.332	ng		99
36) Indeno(1,2,3-cd)pyrene	26.214	276	14371	0.325	ng		100
37) Benzo(b)fluoranthene	23.065	252	14846	0.388	ng		98
38) Benzo(k)fluoranthene	23.112	252	15629	0.384	ng		98
39) Benzo(a)pyrene	23.676	252	11706	0.353	ng		96
40) Dibenzo(a,h)anthracene	26.232	278	11353	0.320	ng		98
41) Benzo(g,h,i)perylene	26.954	276	12394	0.320	ng		99

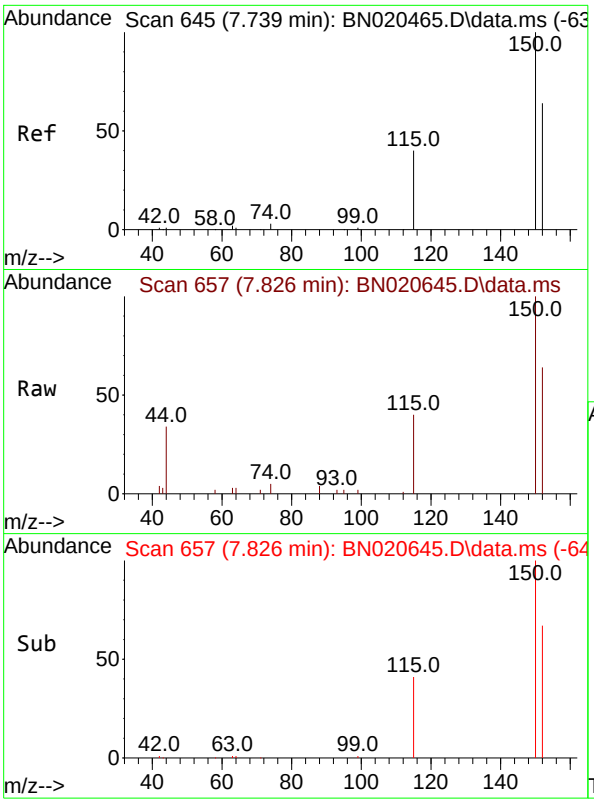
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070222\
Data File : BN020645.D
Acq On : 03 Jul 2022 02:41
Operator : CG/JU
Sample : PB145881BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Quant Time: Jul 04 02:40:27 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration



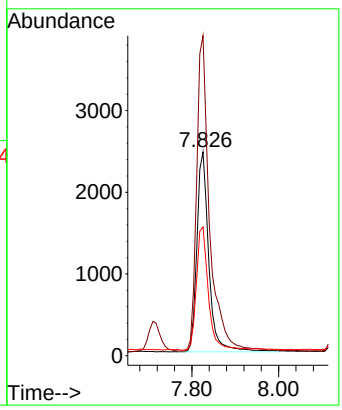


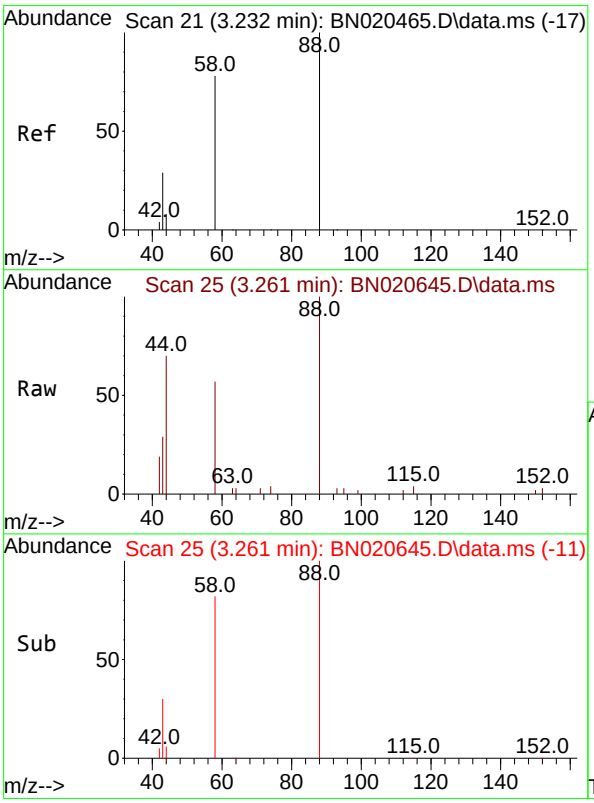
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.826 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:152 Resp: 4675

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.9	191.9
115	63.3	51.4	77.2

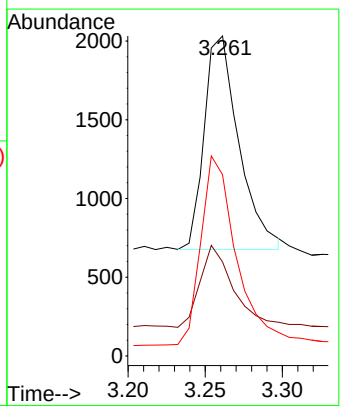


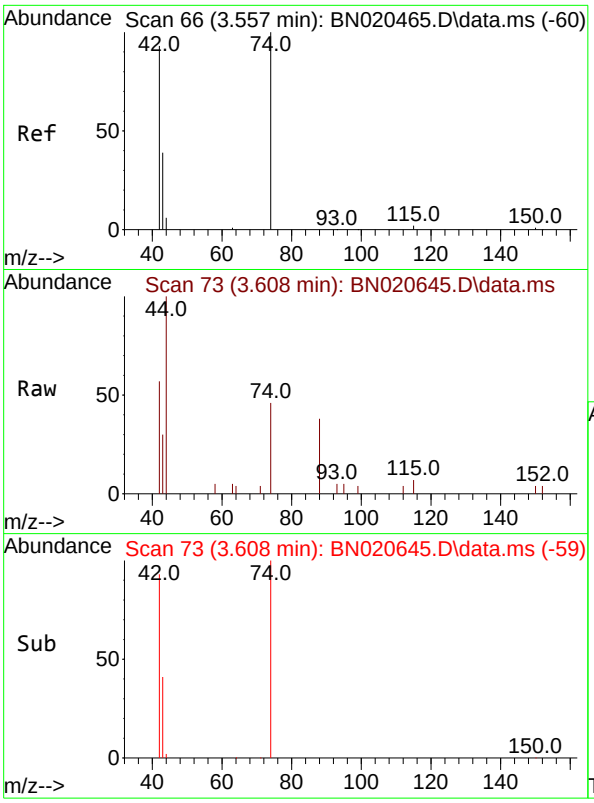


#2
1,4-Dioxane
Concen: 0.346 ng
RT: 3.261 min Scan# 25
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion: 88 Resp: 2118

Ion	Ratio	Lower	Upper
88	100		
43	35.5	30.2	45.2
58	90.6	73.0	109.6



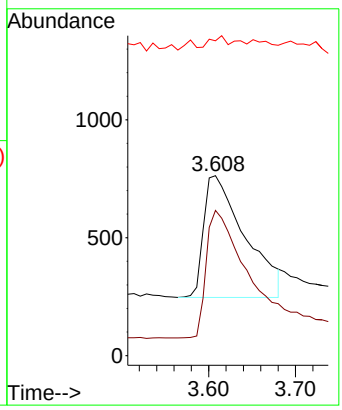


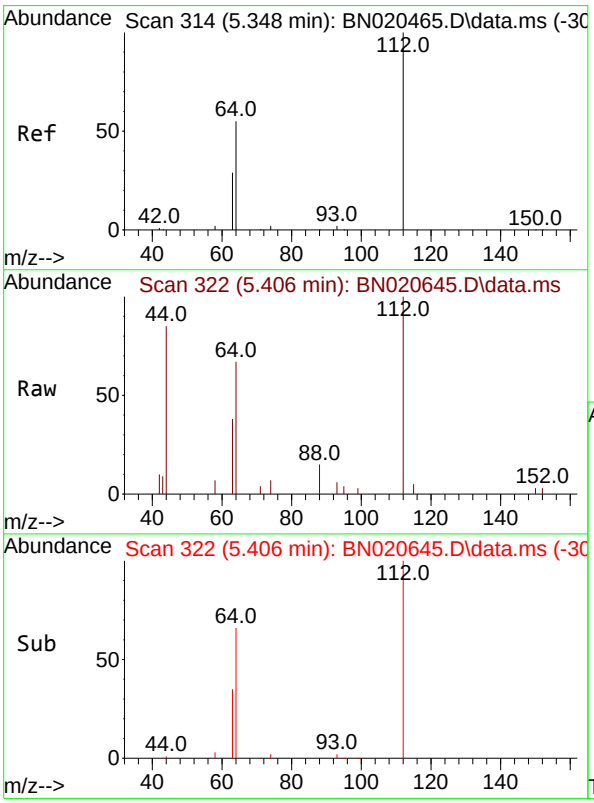
#3
n-Nitrosodimethylamine
Concen: 0.305 ng
RT: 3.608 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion: 42 Resp: 1702

Ion	Ratio	Lower	Upper
42	100		
74	103.2	84.0	126.0
44	3.9	9.8	14.8#

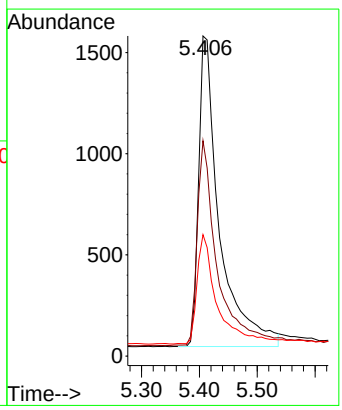


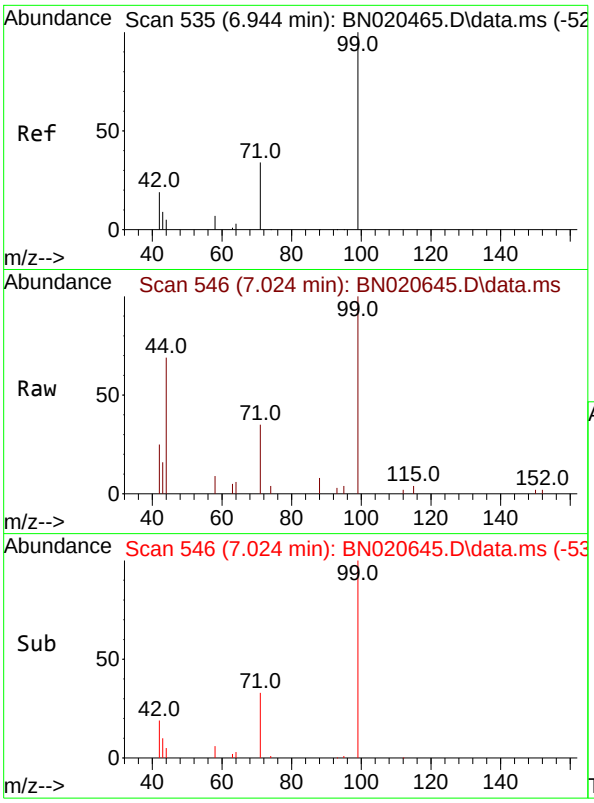


#4
2-Fluorophenol
Concen: 0.296 ng
RT: 5.406 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:112 Resp: 3837

Ion	Ratio	Lower	Upper
112	100		
64	63.3	49.1	73.7
63	34.0	26.3	39.5



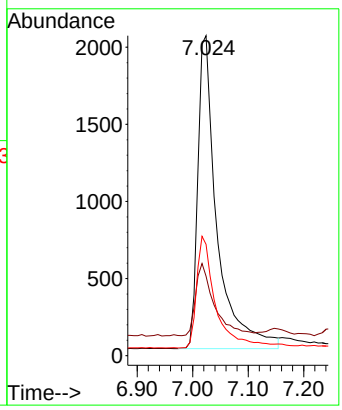


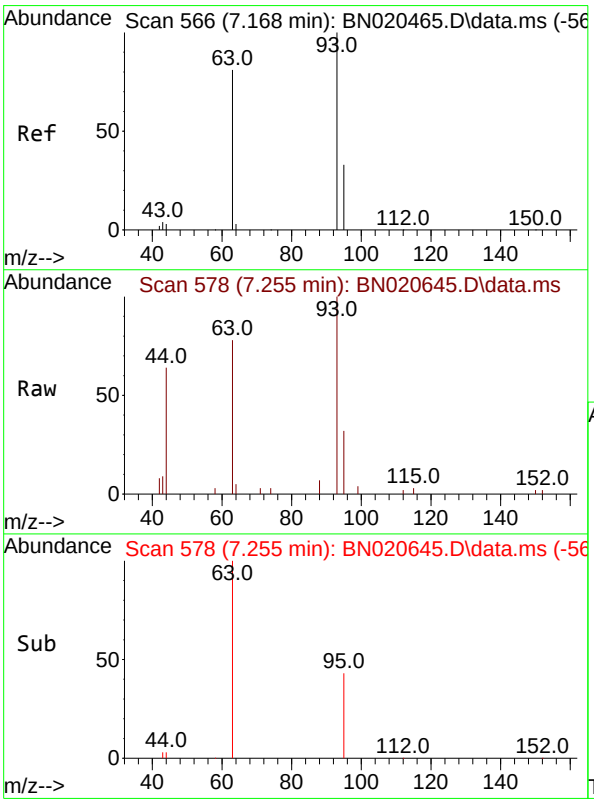
#5
Phenol-d6
Concen: 0.315 ng
RT: 7.024 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion: 99 Resp: 4882

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.3	28.9
71	35.4	27.5	41.3

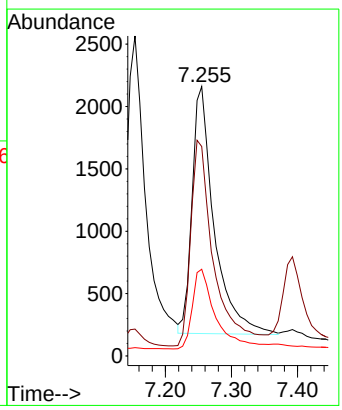


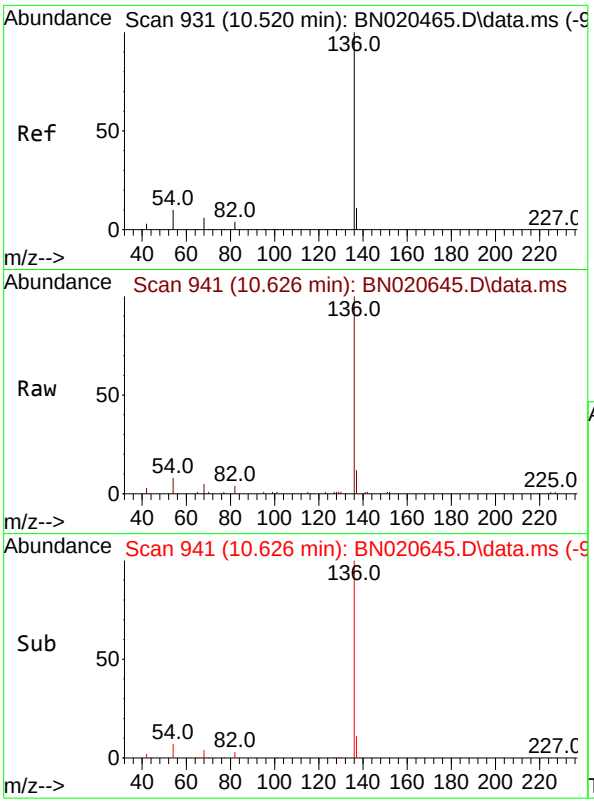


#6
bis(2-Chloroethyl)ether
Concen: 0.345 ng
RT: 7.255 min Scan# 578
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion: 93 Resp: 4597

Ion	Ratio	Lower	Upper
93	100		
63	86.4	67.4	101.0
95	34.3	26.5	39.7



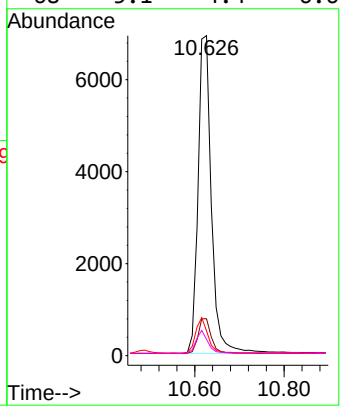


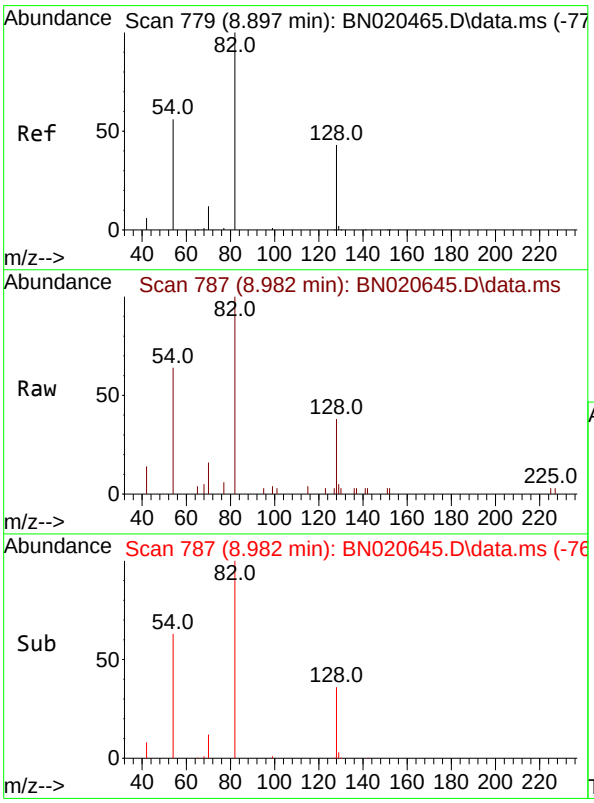
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.626 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:136 Resp: 14379

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	7.7	6.2	9.2
68	5.1	4.4	6.6

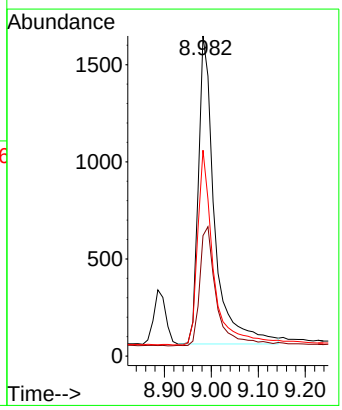


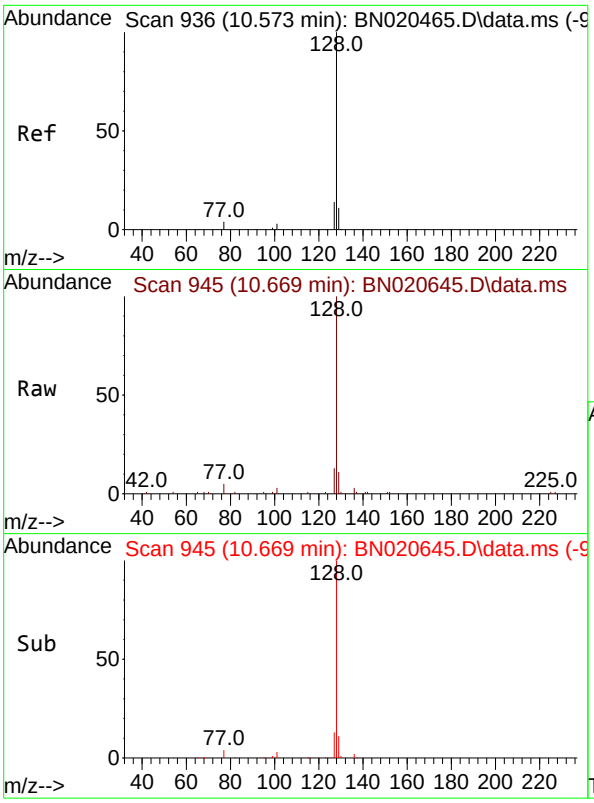


#8
Nitrobenzene-d5
Concen: 0.327 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion: 82 Resp: 3816

Ion	Ratio	Lower	Upper
82	100		
128	37.6	35.0	52.6
54	64.3	46.2	69.4



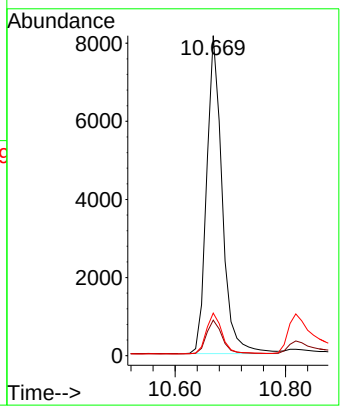


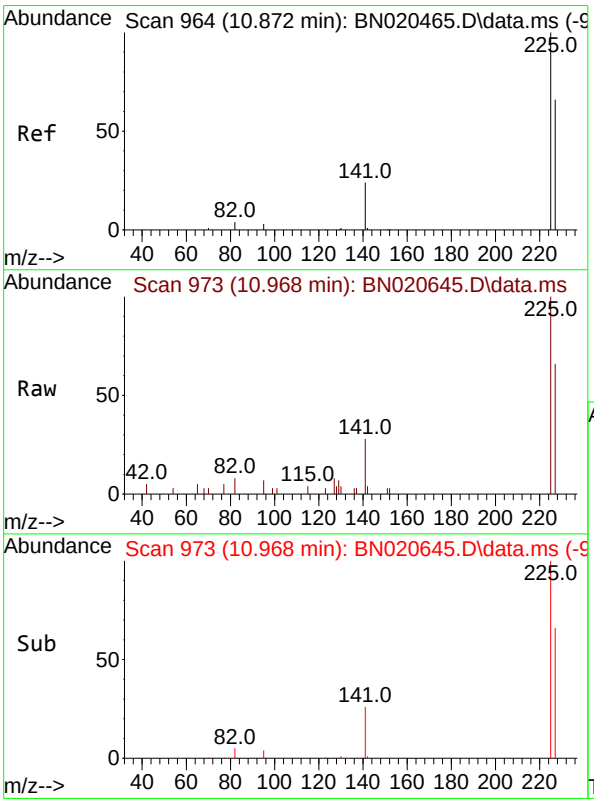
#9
Naphthalene
Concen: 0.372 ng
RT: 10.669 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:128 Resp: 15965

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.9	13.3
127	13.3	10.8	16.2

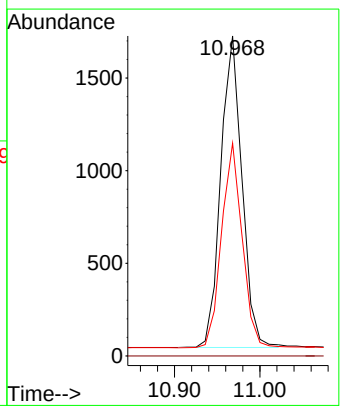


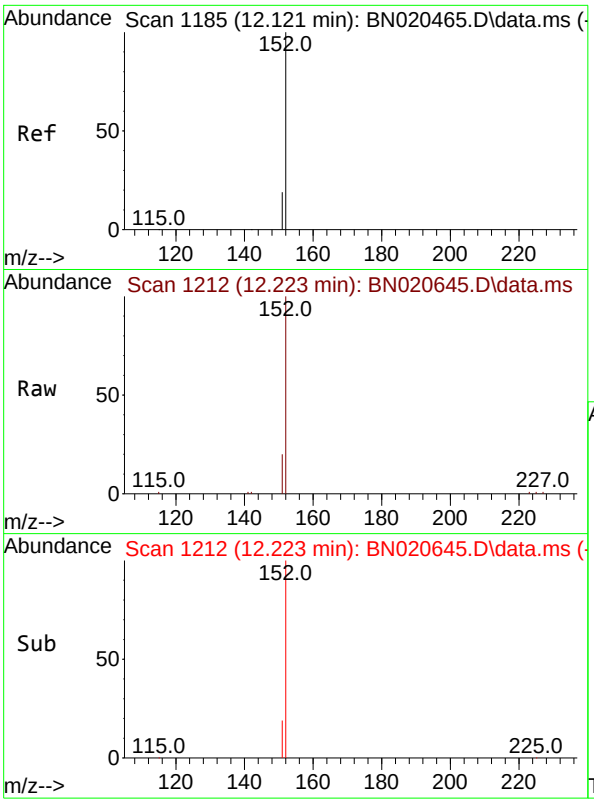


#10
Hexachlorobutadiene
Concen: 0.370 ng
RT: 10.968 min Scan# 973
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:225 Resp: 2895

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	50.9	76.3



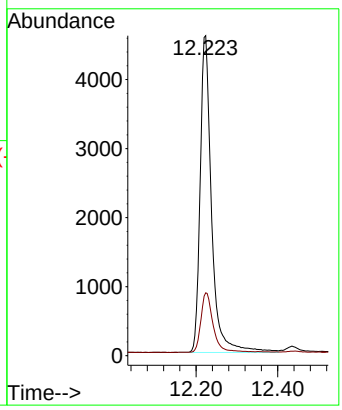


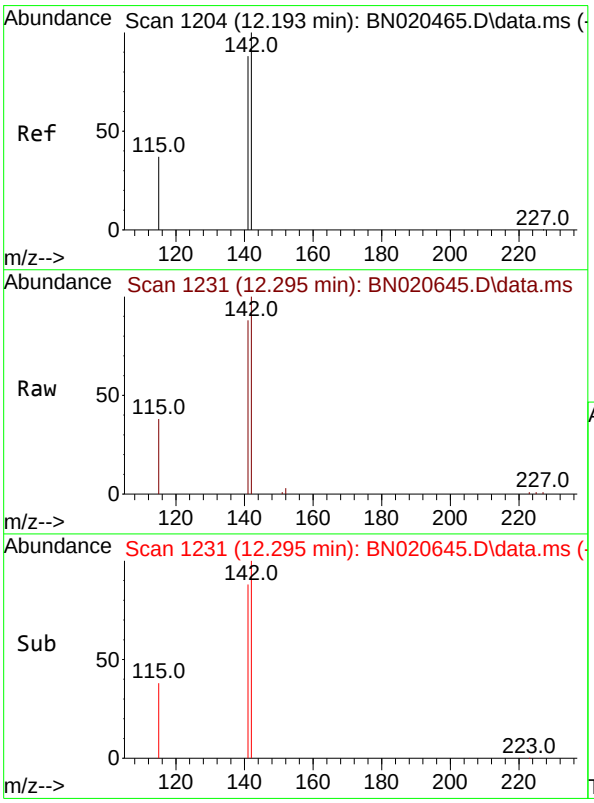
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng
RT: 12.223 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:152 Resp: 8906

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4

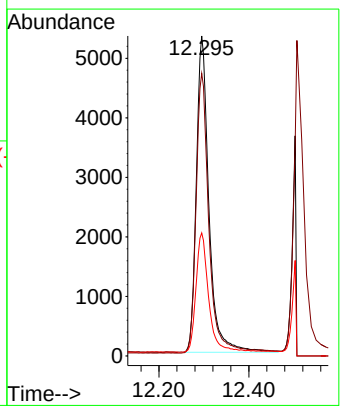


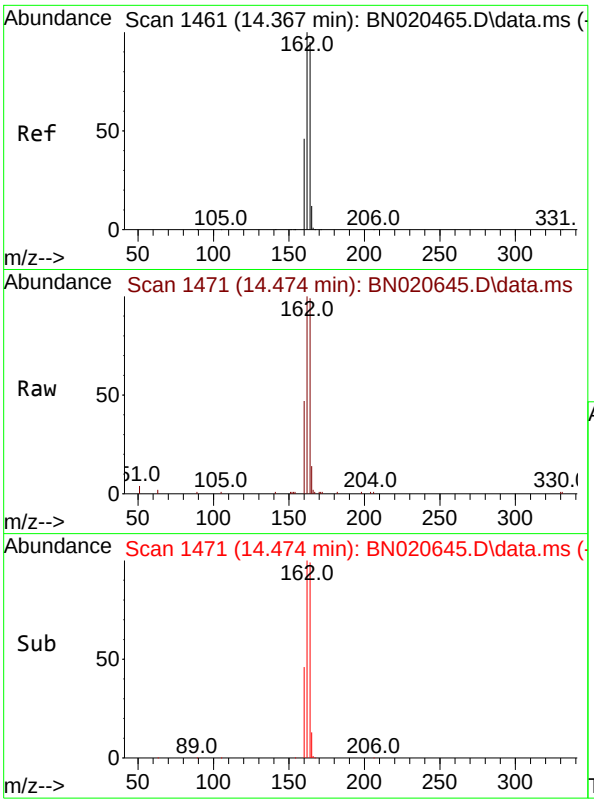


#12
2-Methylnaphthalene
Concen: 0.363 ng
RT: 12.295 min Scan# 1231
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:142 Resp: 10363

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.6	107.4
115	38.4	29.8	44.8



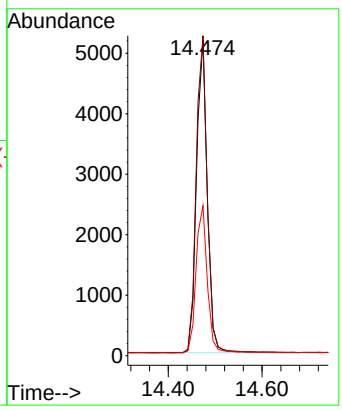


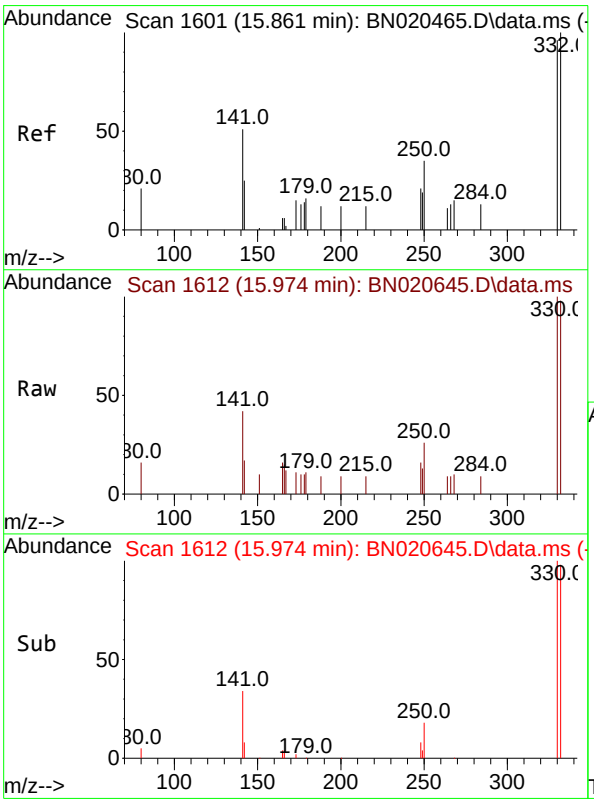
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.474 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:164 Resp: 8271

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	47.5	38.6	58.0

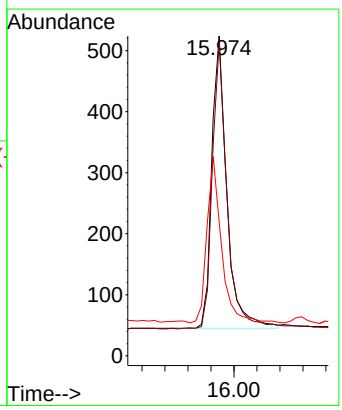


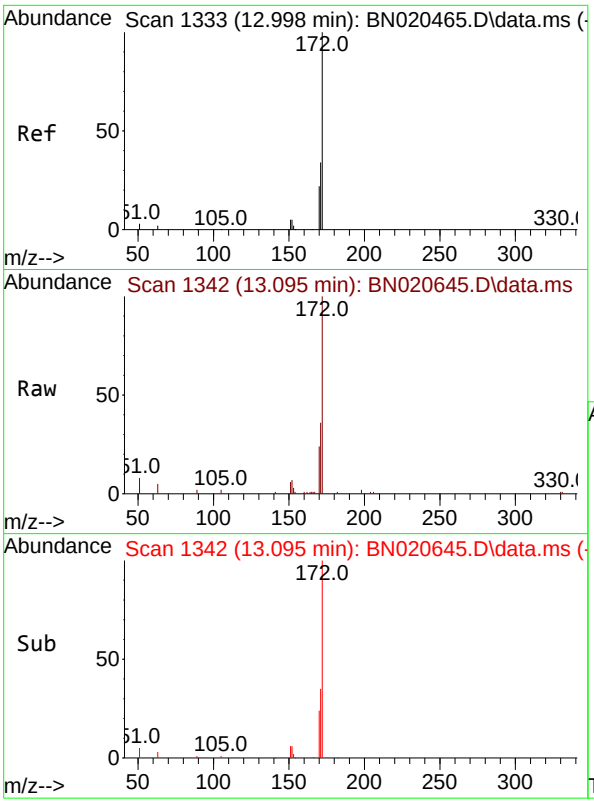


#14
2,4,6-Tribromophenol
Concen: 0.280 ng
RT: 15.974 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:330 Resp: 873

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.6	116.4
141	55.2	41.0	61.4



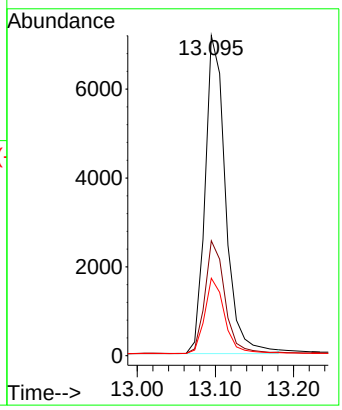


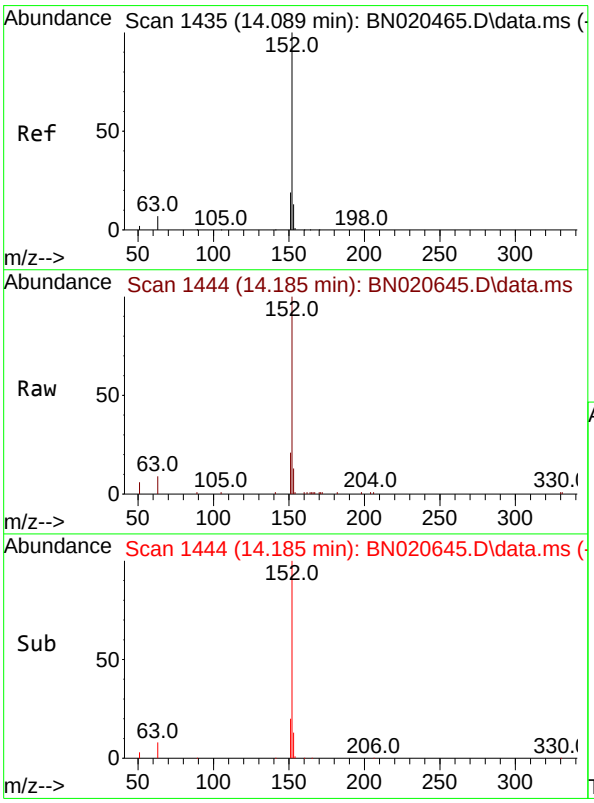
#15
2-Fluorobiphenyl
Concen: 0.382 ng
RT: 13.095 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:172 Resp: 13058

Ion	Ratio	Lower	Upper
172	100		
171	35.9	27.2	40.8
170	24.2	18.2	27.4

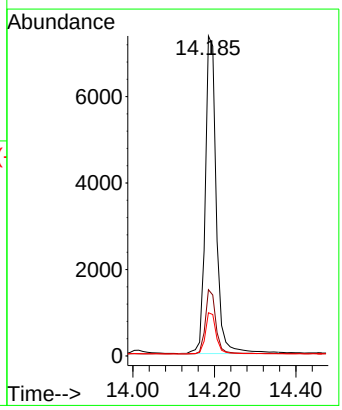


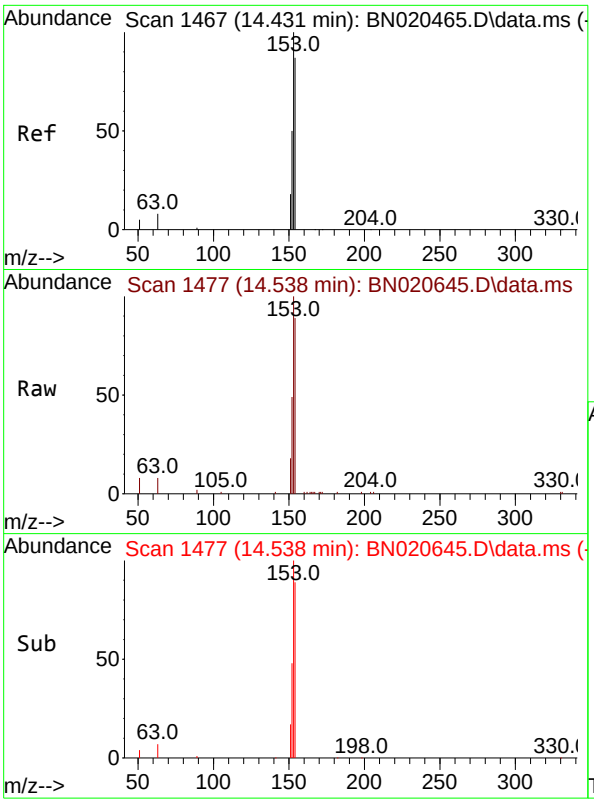


#16
Acenaphthylene
Concen: 0.347 ng
RT: 14.185 min Scan# 1444
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:152 Resp: 13809

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	12.9	10.7	16.1



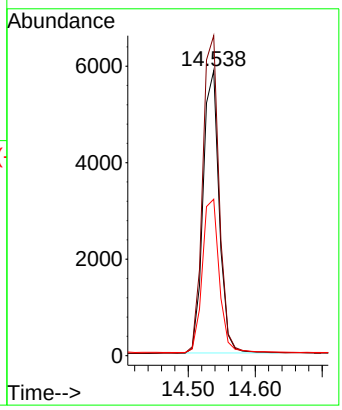


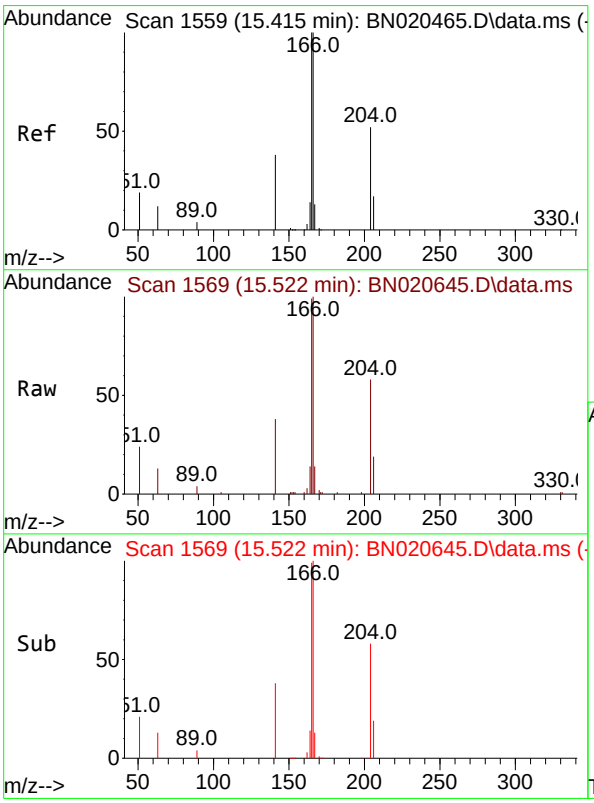
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:154 Resp: 9757

Ion	Ratio	Lower	Upper
154	100		
153	116.0	87.5	131.3
152	57.3	43.8	65.6

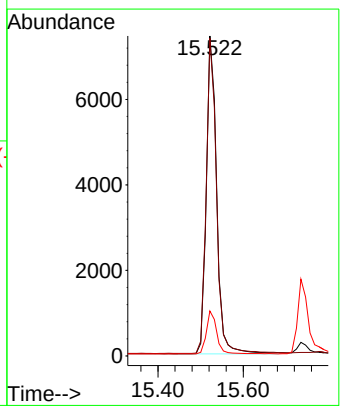


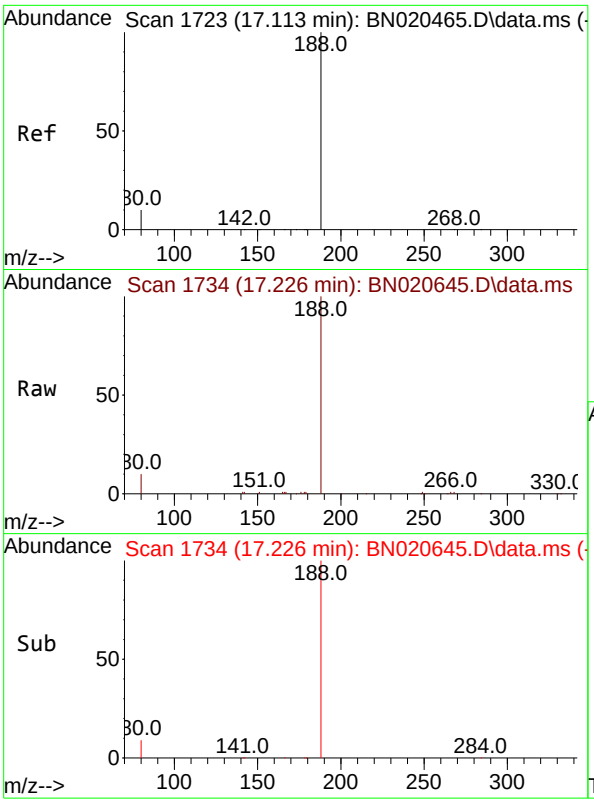


#18
Fluorene
Concen: 0.353 ng
RT: 15.522 min Scan# 1569
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:166 Resp: 12475

Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	118.0
167	13.5	10.8	16.2



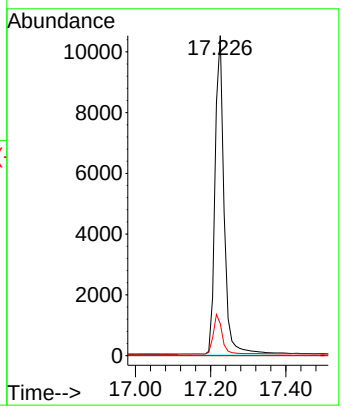


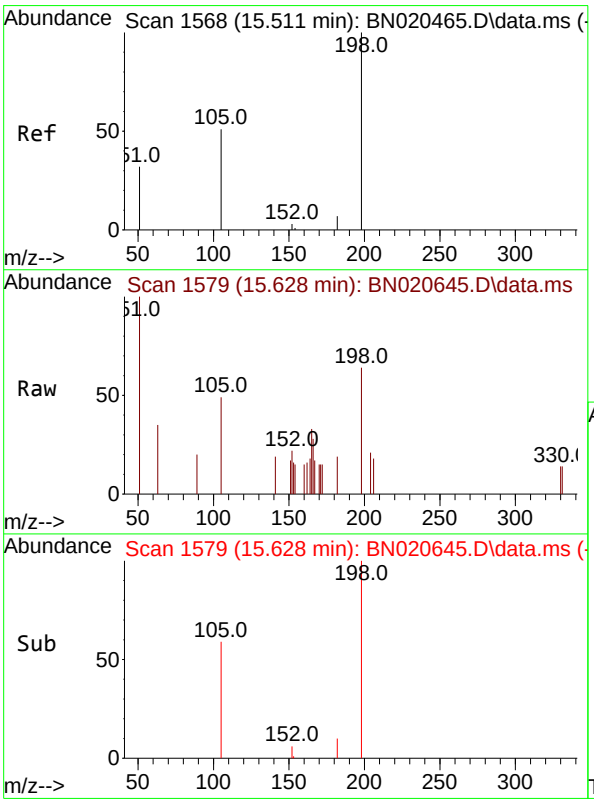
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.226 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:188 Resp: 17412

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	7.4	11.2

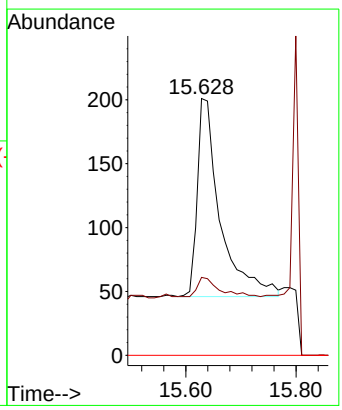


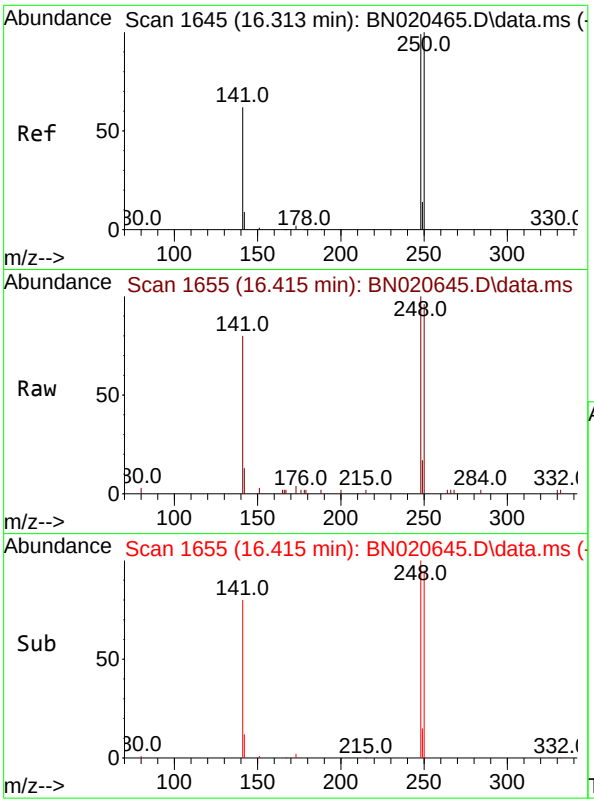


#20
4,6-Dinitro-2-methylphenol
Concen: 0.357 ng
RT: 15.628 min Scan# 1579
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:198 Resp: 449

Ion	Ratio	Lower	Upper
198	100		
182	30.3	12.1	18.1#
77	0.0	0.0	0.0



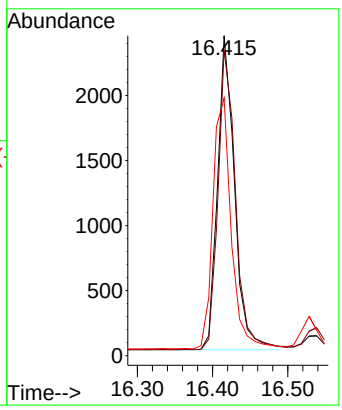


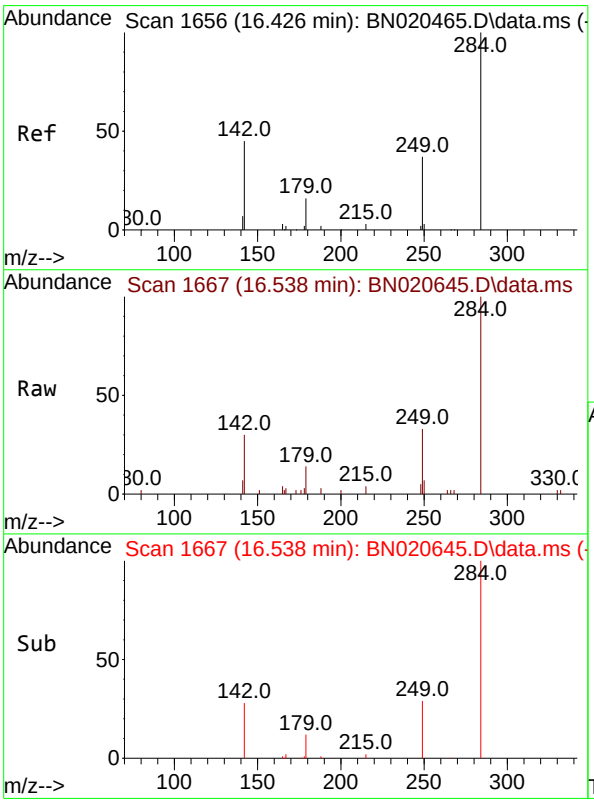
#21
4-Bromophenyl-phenylether
Concen: 0.374 ng
RT: 16.415 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:248 Resp: 3791

Ion	Ratio	Lower	Upper
248	100		
250	95.6	75.3	112.9
141	80.5	67.3	100.9

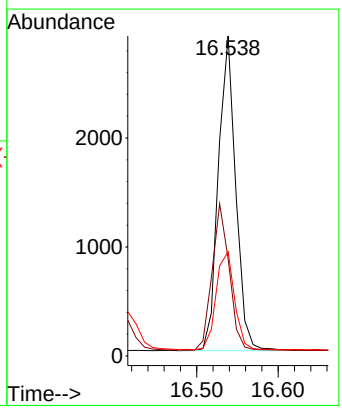


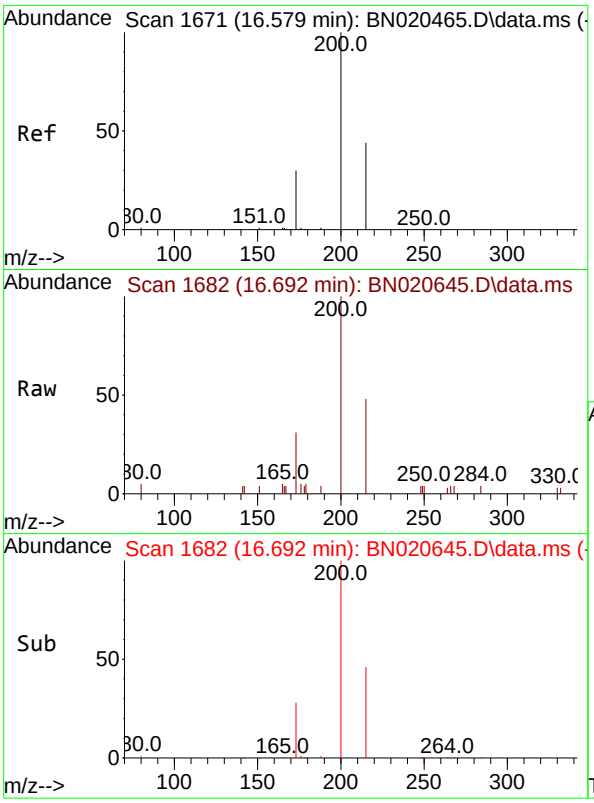


#22
Hexachlorobenzene
Concen: 0.382 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:284 Resp: 4278

Ion	Ratio	Lower	Upper
284	100		
142	45.8	35.2	52.8
249	32.8	26.6	40.0



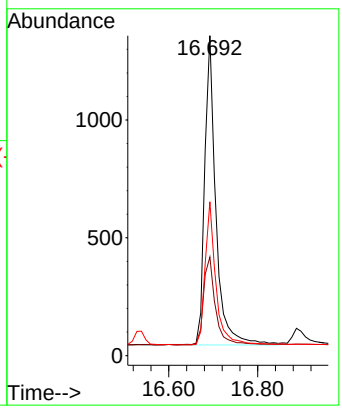


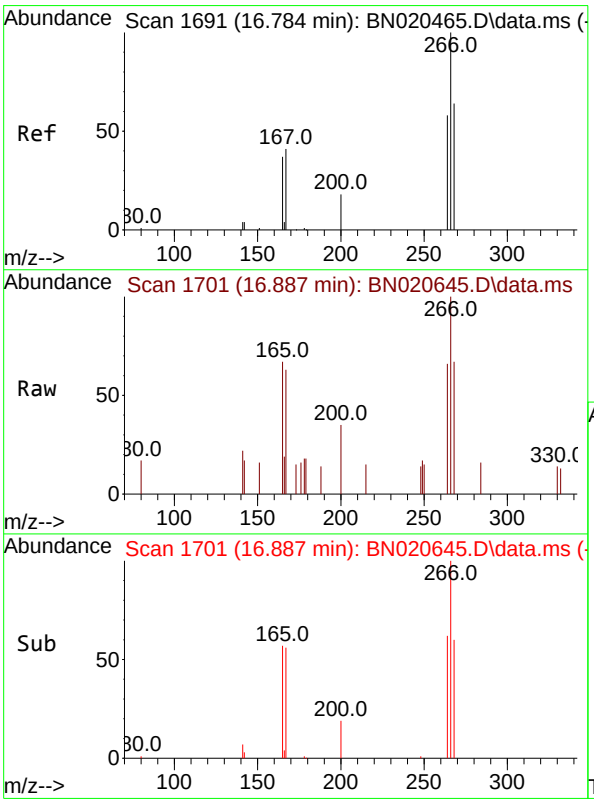
#23
Atrazine
Concen: 0.288 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:200 Resp: 2300

Ion	Ratio	Lower	Upper
200	100		
173	30.9	23.6	35.4
215	48.1	36.6	54.8

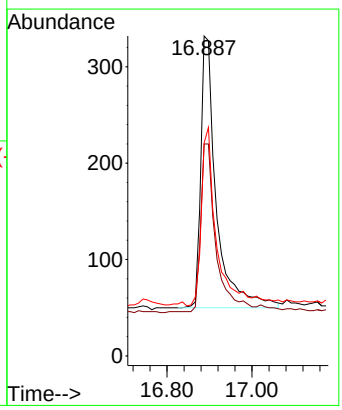


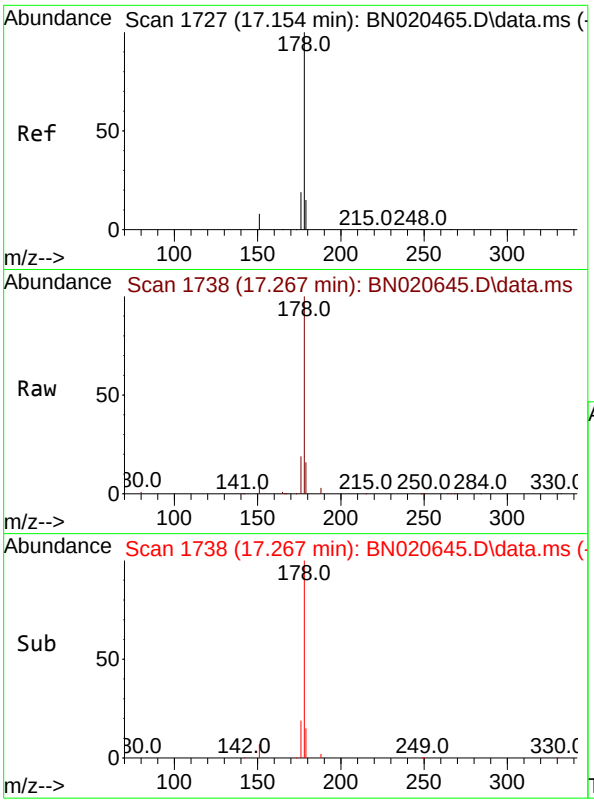


#24
Pentachlorophenol
Concen: 0.383 ng
RT: 16.887 min Scan# 1701
Delta R.T. -0.010 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:266 Resp: 716

Ion	Ratio	Lower	Upper
266	100		
264	60.1	51.3	76.9
268	64.8	52.6	79.0



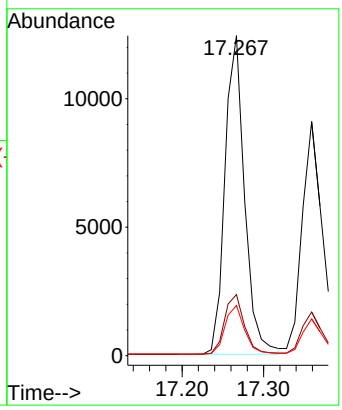


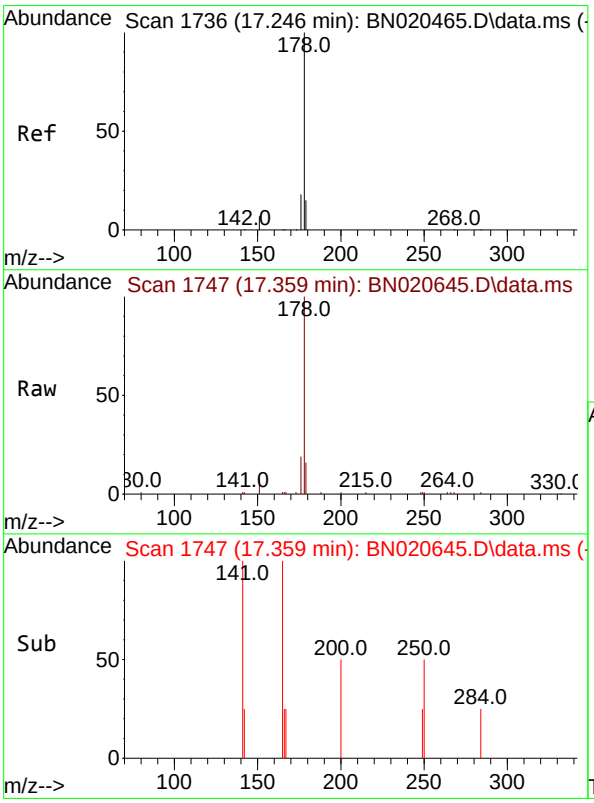
#25
Phenanthrene
Concen: 0.353 ng
RT: 17.267 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:178 Resp: 20723

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.4

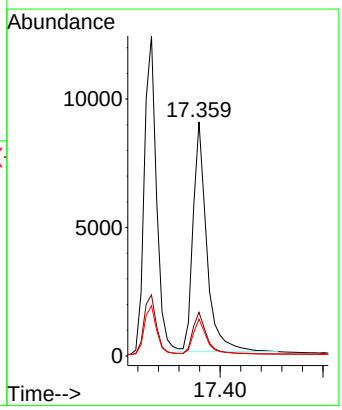


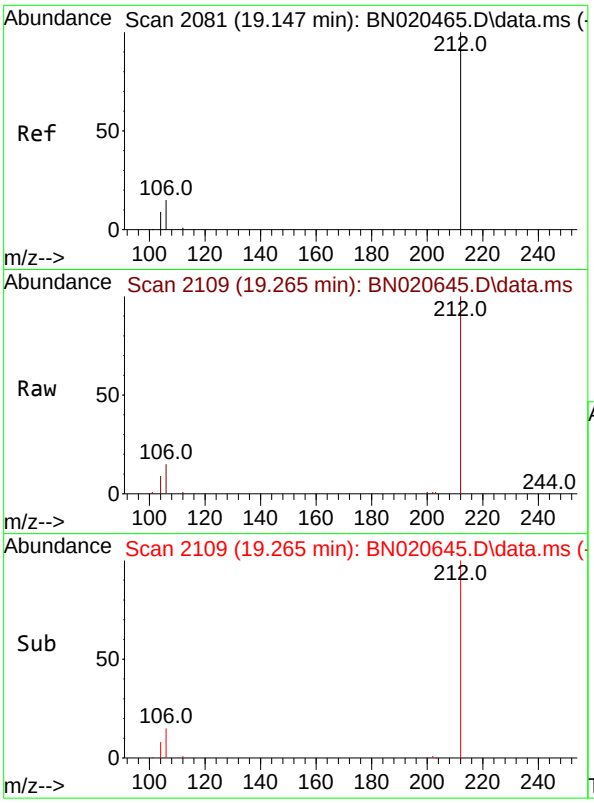


#26
Anthracene
Concen: 0.327 ng
RT: 17.359 min Scan# 1747
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:178 Resp: 16555

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.9	22.3
179	15.1	12.2	18.4



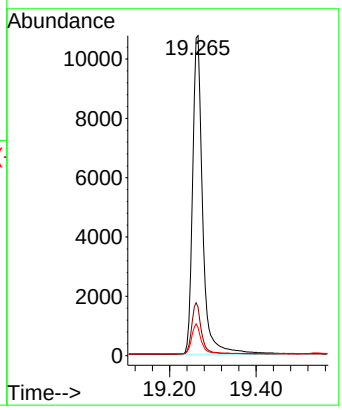


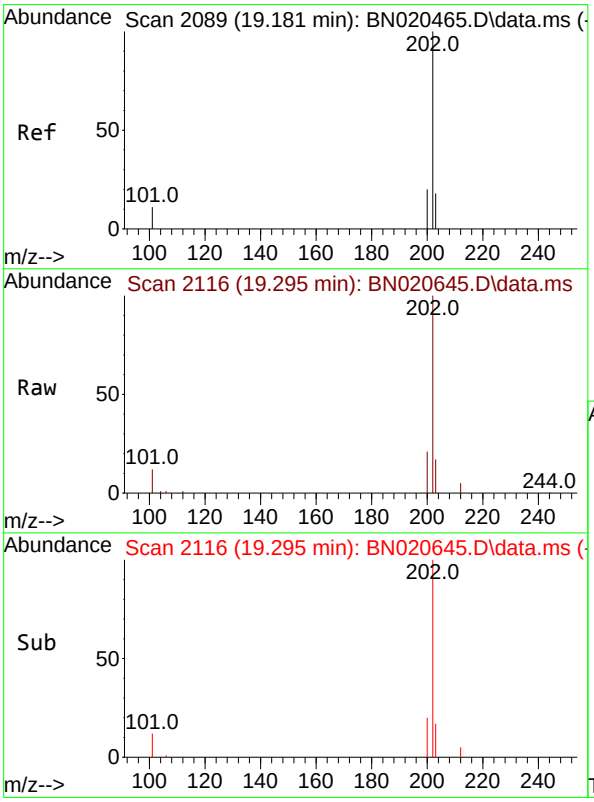
#27
Fluoranthene-d10
Concen: 0.336 ng
RT: 19.265 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:212 Resp: 17404

Ion	Ratio	Lower	Upper
212	100		
106	15.6	12.6	19.0
104	8.9	7.2	10.8

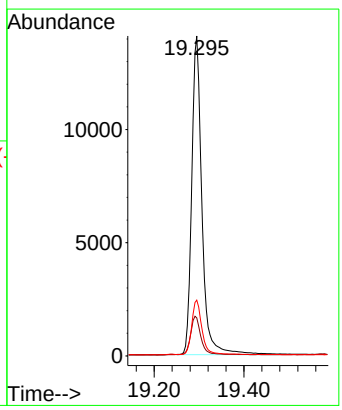


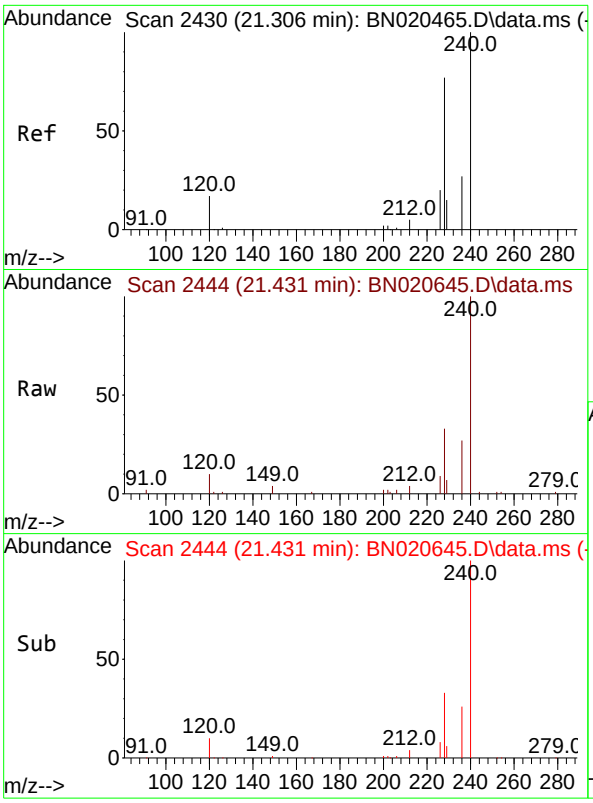


#28
Fluoranthene
Concen: 0.347 ng
RT: 19.295 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:202 Resp: 22256

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.6	14.4
203	17.0	13.5	20.3



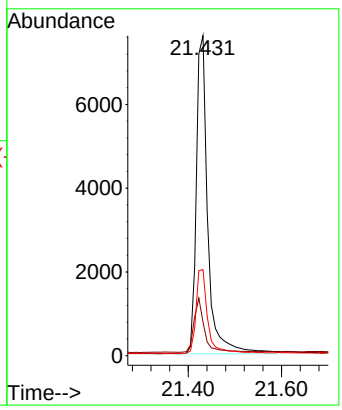


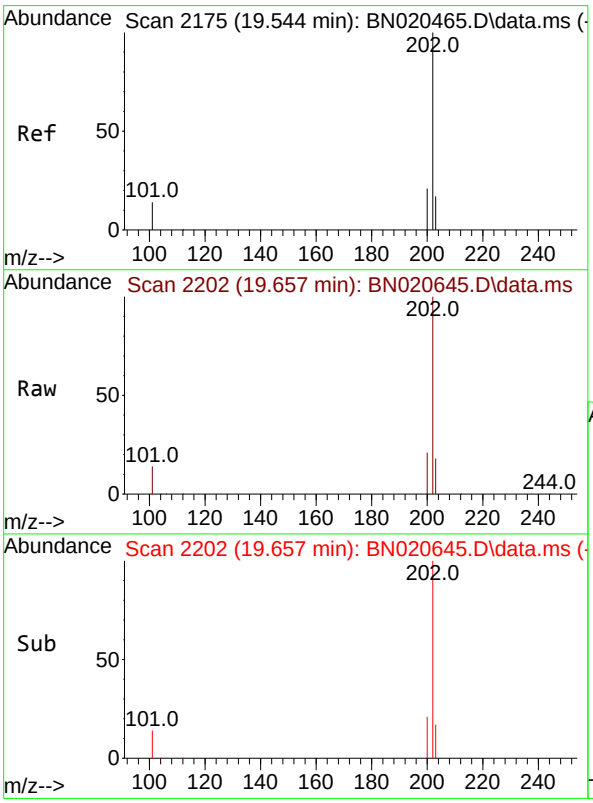
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:240 Resp: 13021

Ion	Ratio	Lower	Upper
240	100		
120	10.5	14.6	21.8#
236	26.9	22.6	33.8

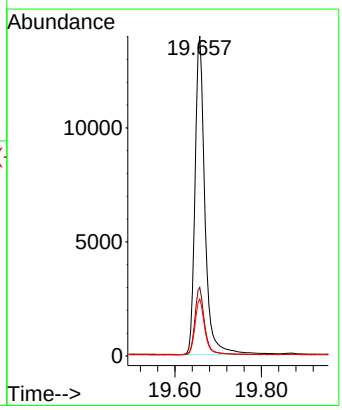


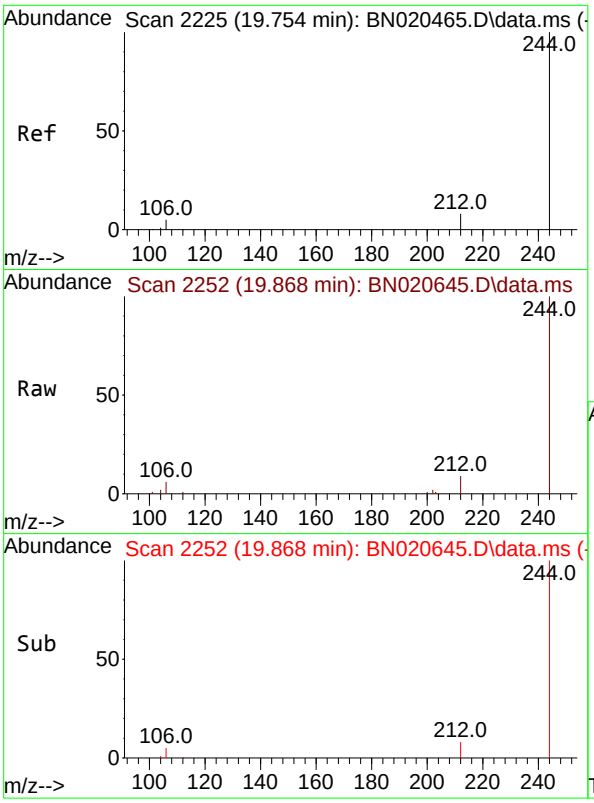


#30
Pyrene
Concen: 0.402 ng
RT: 19.657 min Scan# 2202
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:202 Resp: 22179

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	25.0
203	17.6	14.2	21.2



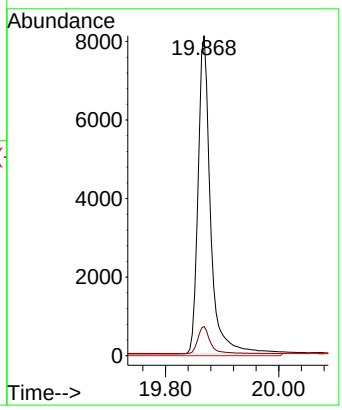


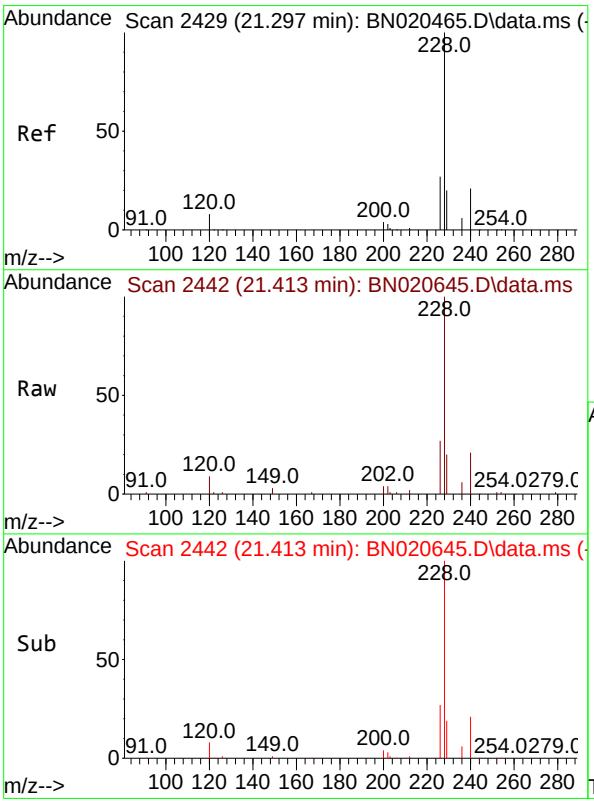
#31
Terphenyl-d14
Concen: 0.400 ng
RT: 19.868 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:244 Resp: 12449

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.1	10.7
122	0.0	0.0	0.0

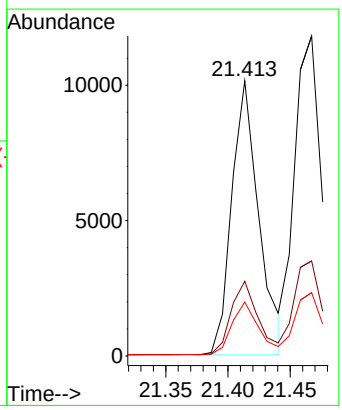


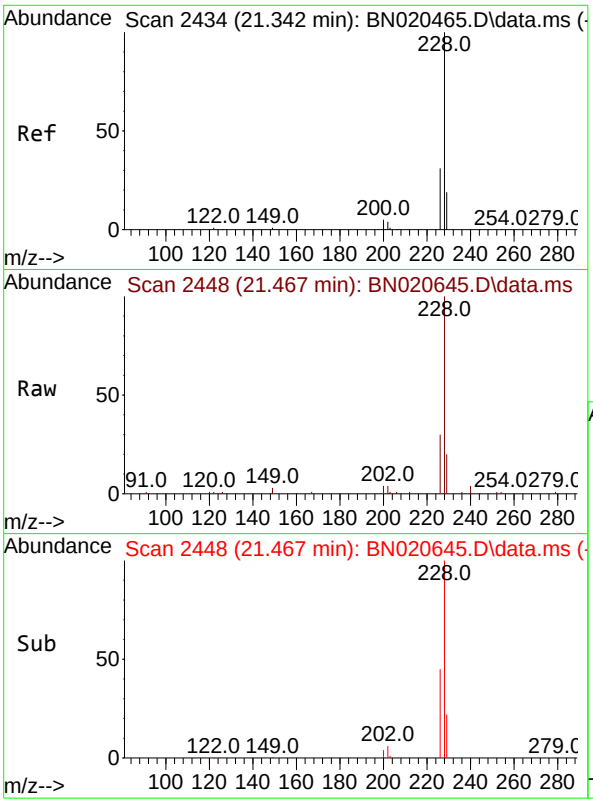


#32
Benzo(a)anthracene
Concen: 0.330 ng
RT: 21.413 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:228 Resp: 15330

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.2	31.8
229	19.5	15.6	23.4



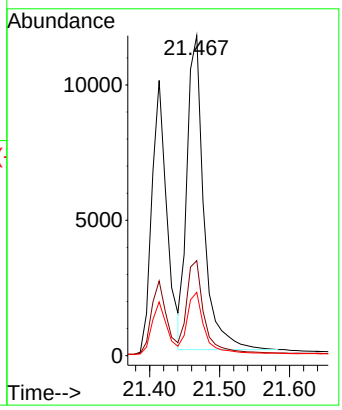


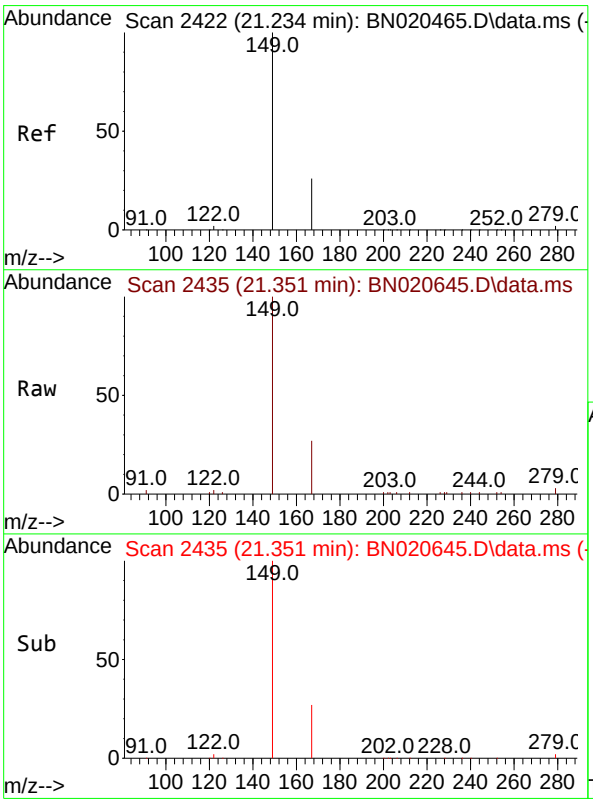
#33
Chrysene
Concen: 0.377 ng
RT: 21.467 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:228 Resp: 19400

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.0
229	19.8	15.7	23.5

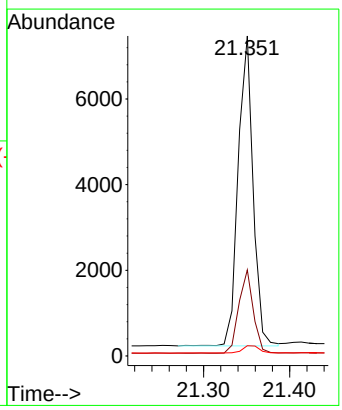


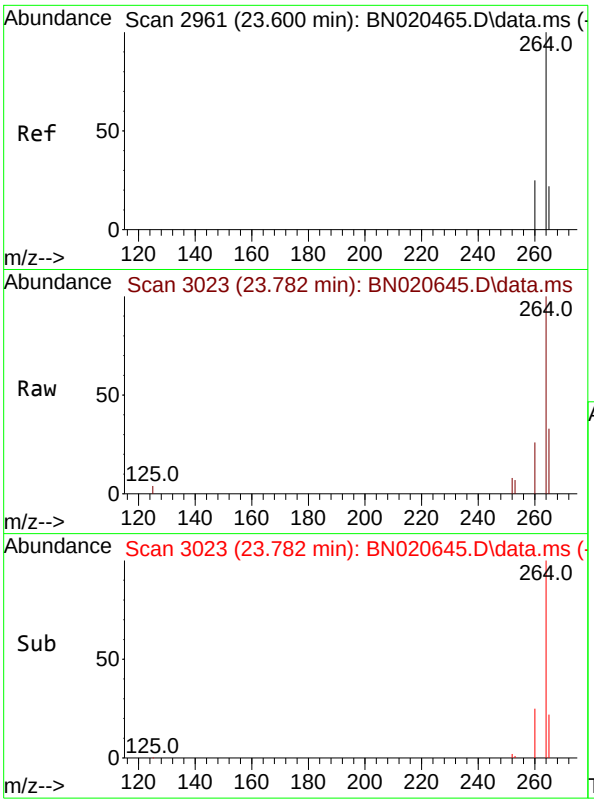


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.332 ng
RT: 21.351 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:149 Resp: 8709

Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.7	32.5
279	2.6	2.2	3.2



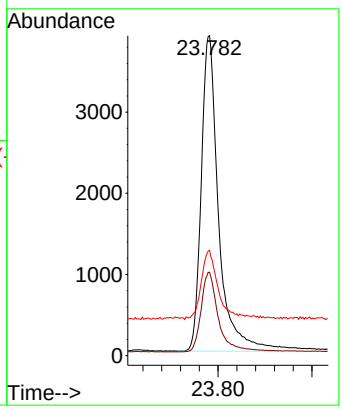


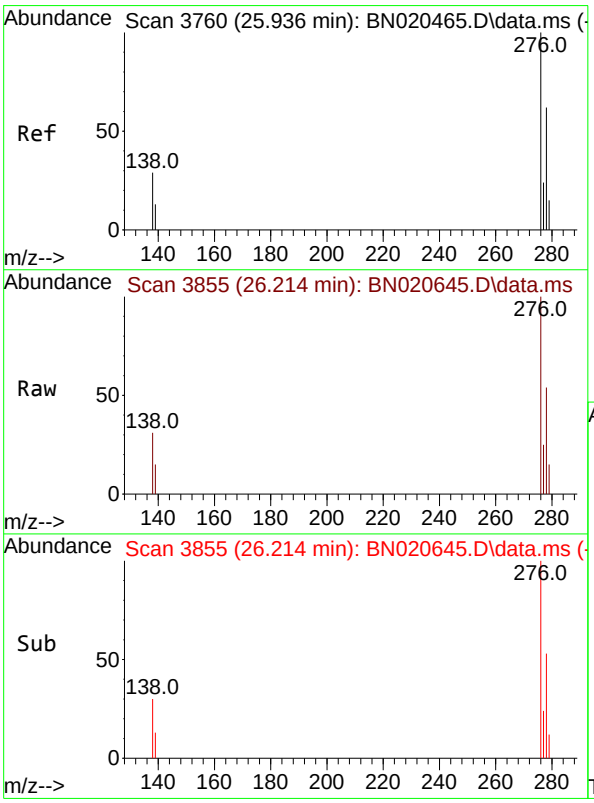
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.782 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:264 Resp: 9933

Ion	Ratio	Lower	Upper
264	100		
260	26.1	20.9	31.3
265	33.0	28.0	42.0

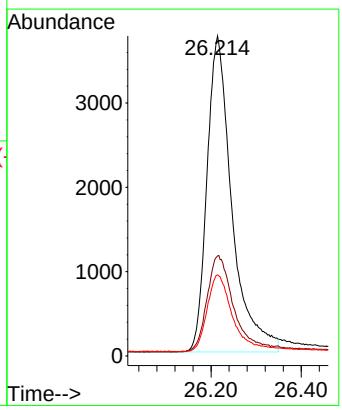


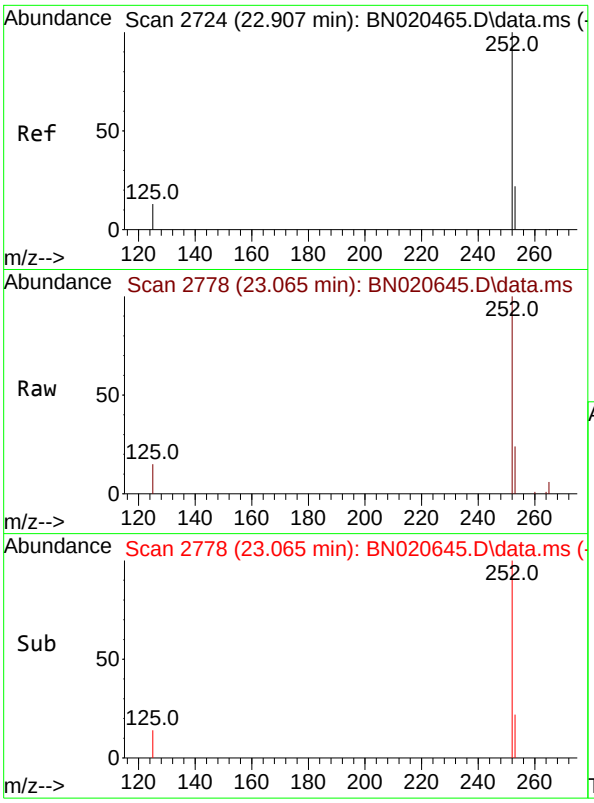


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.325 ng
RT: 26.214 min Scan# 3855
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:276 Resp: 14371

Ion	Ratio	Lower	Upper
276	100		
138	32.5	25.9	38.9
277	25.2	19.8	29.8



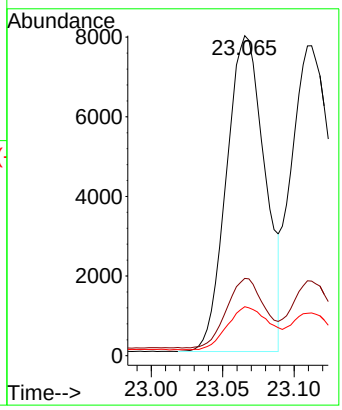


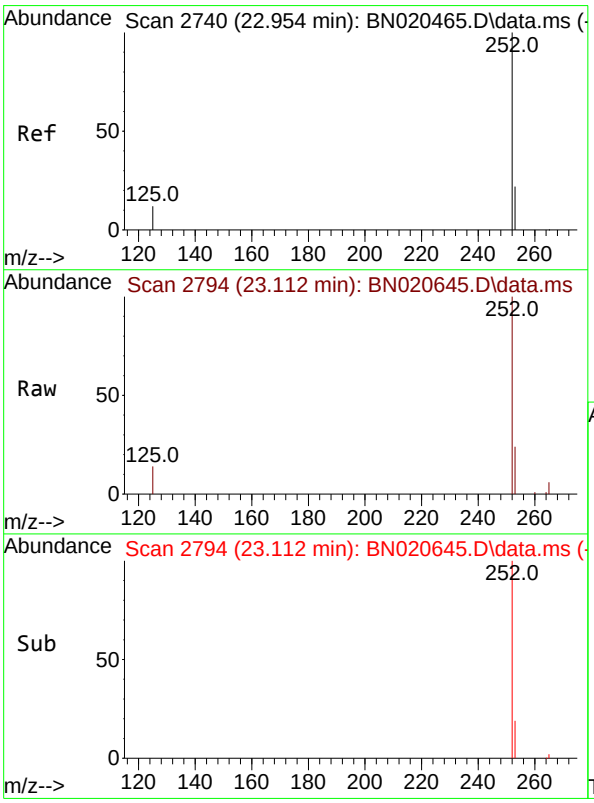
#37
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.065 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:252 Resp: 14846

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.5	27.7
125	15.3	11.4	17.0

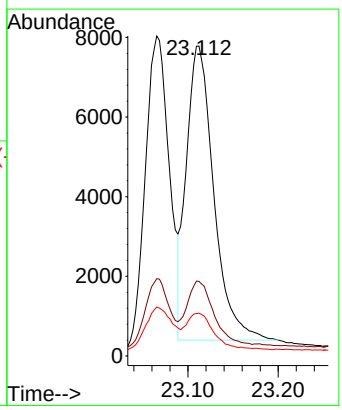


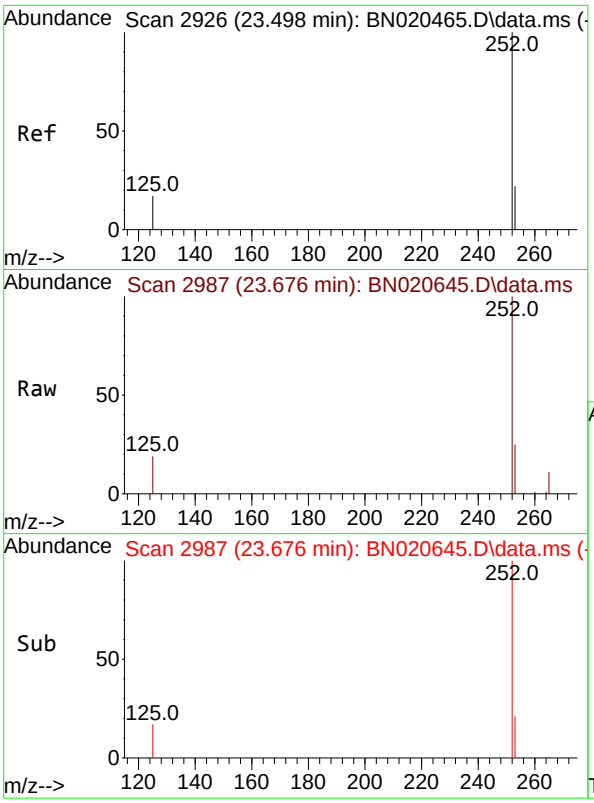


#38
Benzo(k)fluoranthene
Concen: 0.384 ng
RT: 23.112 min Scan# 2794
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:252 Resp: 15629

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.0	27.0
125	13.8	11.0	16.4



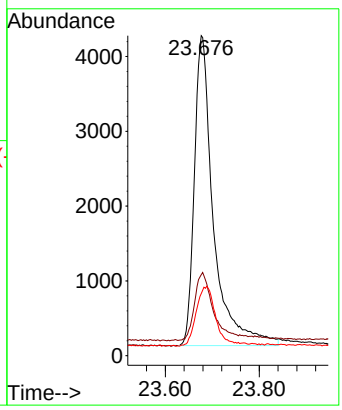


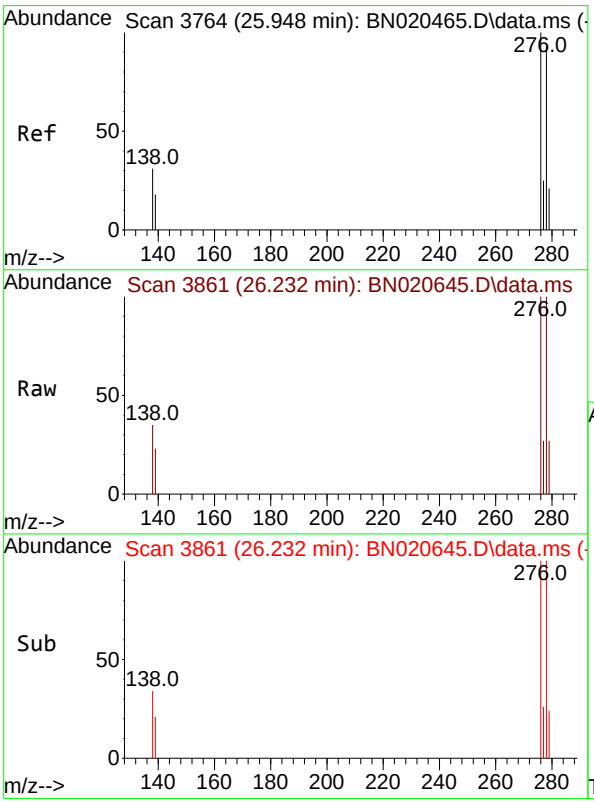
#39
Benzo(a)pyrene
Concen: 0.353 ng
RT: 23.676 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:252 Resp: 11706

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	19.4	13.8	20.8

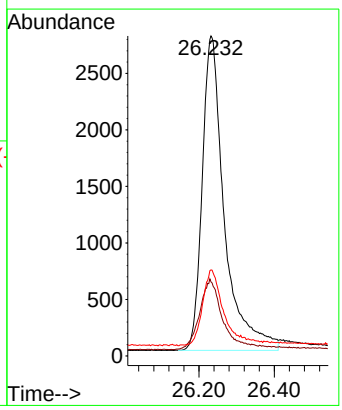


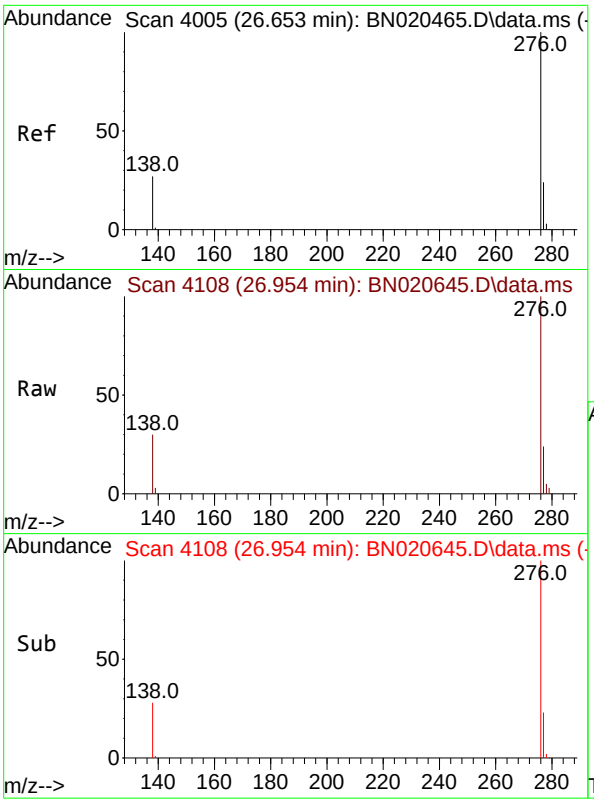


#40
Dibenzo(a,h)anthracene
Concen: 0.320 ng
RT: 26.232 min Scan# 3861
Delta R.T. -0.014 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Tgt Ion:278 Resp: 11353

Ion	Ratio	Lower	Upper
278	100		
139	23.2	18.6	28.0
279	26.9	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.320 ng
RT: 26.954 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN020645.D
Acq: 03 Jul 2022 02:41

Instrument :
BNA_N
ClientSampleId :
PB145881BSD

Tgt Ion:276 Resp: 12394

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.5	29.3
138	29.6	22.6	34.0