Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020521.D
Acq On : 28 Jun 2022 06:19
Operator : CG/JU
Sample : PB145647BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Quant Time: Jun 28 06:56:45 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	2927	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	9535	0.400	ng	#	0.00
13) Acenaphthene-d10	14.367	164	5877	0.400	ng		0.00
19) Phenanthrene-d10	17.113	188	12488	0.400	ng		0.00
29) Chrysene-d12	21.297	240	10283	0.400	ng		0.00
35) Perylene-d12	23.580	264	8296	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2909	0.358	ng		0.00
5) Phenol-d6	6.944	99	3599	0.371	ng		0.00
8) Nitrobenzene-d5	8.897	82	2550	0.330	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	5821	0.356	ng		0.00
14) 2,4,6-Tribromophenol	15.861	330	717	0.324	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	8467	0.349	ng		-0.01
27) Fluoranthene-d10	19.143	212	12296	0.331	ng		0.00
31) Terphenyl-d14	19.742	244	8865	0.361	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.232	88	1307	0.341	ng		99
3) n-Nitrosodimethylamine	3.564	42	1099	0.314	ng	#	96
6) bis(2-Chloroethyl)ether	7.168	93	3041	0.364	ng		99
9) Naphthalene	10.573	128	10319	0.362	ng		99
10) Hexachlorobutadiene	10.861	225	1817	0.350	ng	#	100
12) 2-Methylnaphthalene	12.189	142	6756	0.357	ng		99
16) Acenaphthylene	14.089	152	9388	0.332	ng		99
17) Acenaphthene	14.431	154	6683	0.348	ng		96
18) Fluorene	15.415	166	8640	0.345	ng		99
20) 4,6-Dinitro-2-methylph...	15.521	198	244	0.325	ng	#	39
21) 4-Bromophenyl-phenylether	16.302	248	2471	0.340	ng		97
22) Hexachlorobenzene	16.425	284	2809	0.349	ng		99
23) Atrazine	16.579	200	1666	0.291	ng		96
24) Pentachlorophenol	16.774	266	632	0.429	ng		95
25) Phenanthrene	17.154	178	14544	0.345	ng		100
26) Anthracene	17.246	178	11944	0.329	ng		99
28) Fluoranthene	19.173	202	15392	0.335	ng		100
30) Pyrene	19.535	202	15910	0.365	ng		100
32) Benzo(a)anthracene	21.288	228	12493	0.340	ng		99
33) Chrysene	21.333	228	14051	0.345	ng		98
34) Bis(2-ethylhexyl)phtha...	21.225	149	6272	0.303	ng		98
36) Indeno(1,2,3-cd)pyrene	25.916	276	11344	0.307	ng		100
37) Benzo(b)fluoranthene	22.937	252	13189	0.413	ng		98
38) Benzo(k)fluoranthene	22.937	252	12019	0.353	ng		97
39) Benzo(a)pyrene	23.483	252	10057	0.363	ng	#	78
40) Dibenzo(a,h)anthracene	25.928	278	8909	0.301	ng		97
41) Benzo(g,h,i)perylene	26.626	276	9541	0.295	ng		99

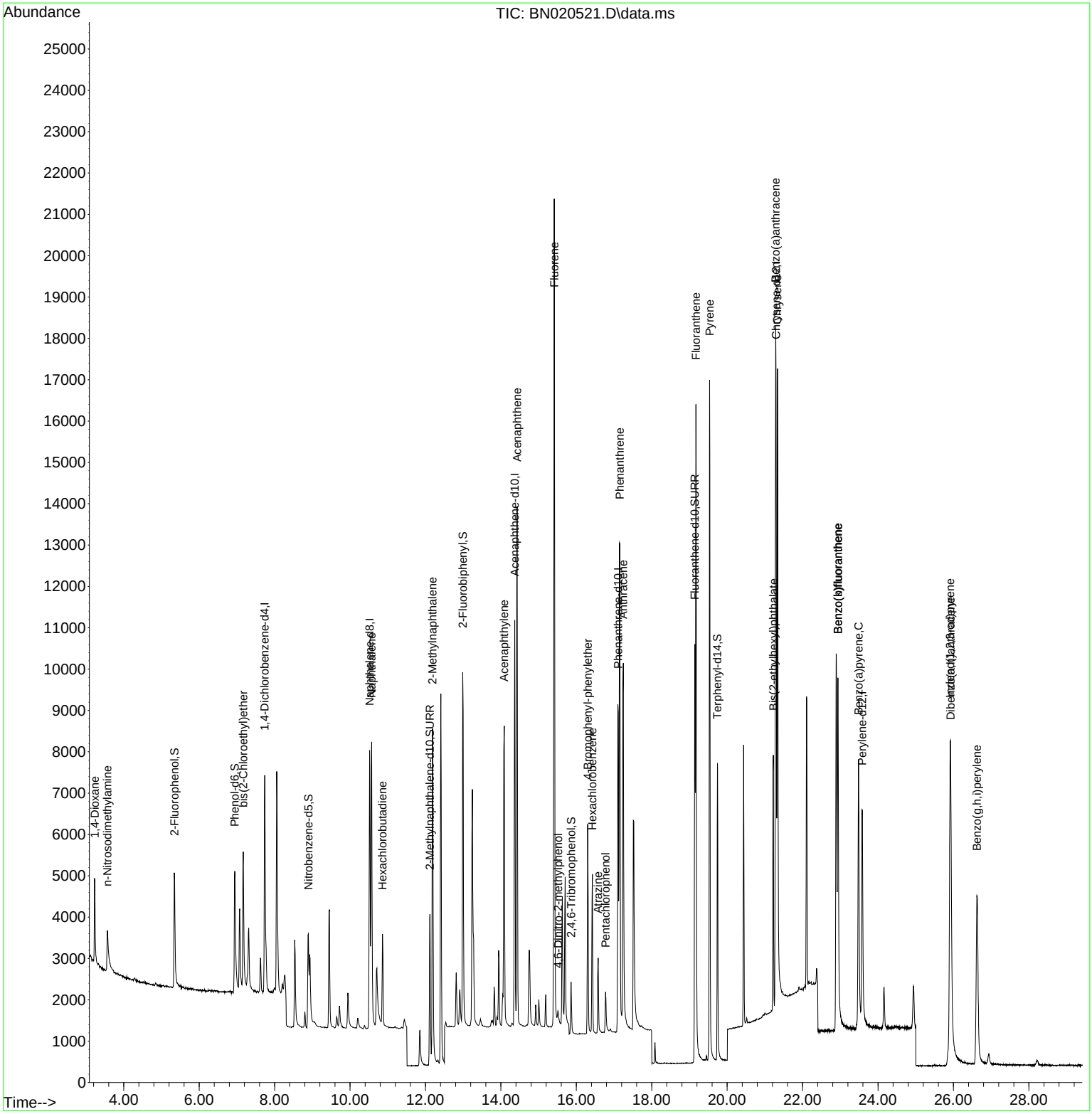
(#) = qualifier out of range (m) = manual integration (+) = signals summed

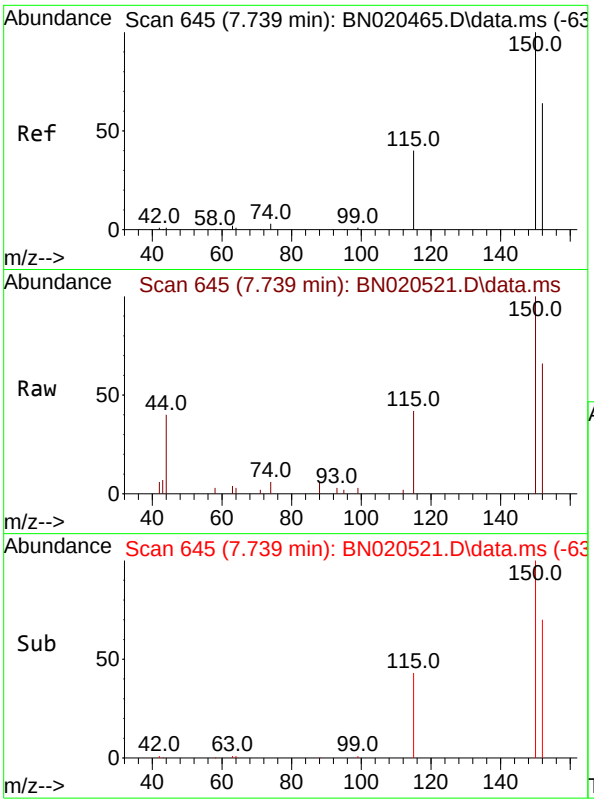
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062722\
Data File : BN020521.D
Acq On : 28 Jun 2022 06:19
Operator : CG/JU
Sample : PB145647BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Quant Time: Jun 28 06:56:45 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



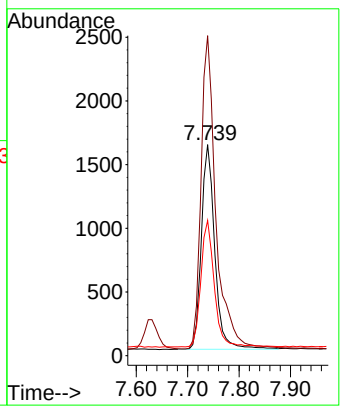


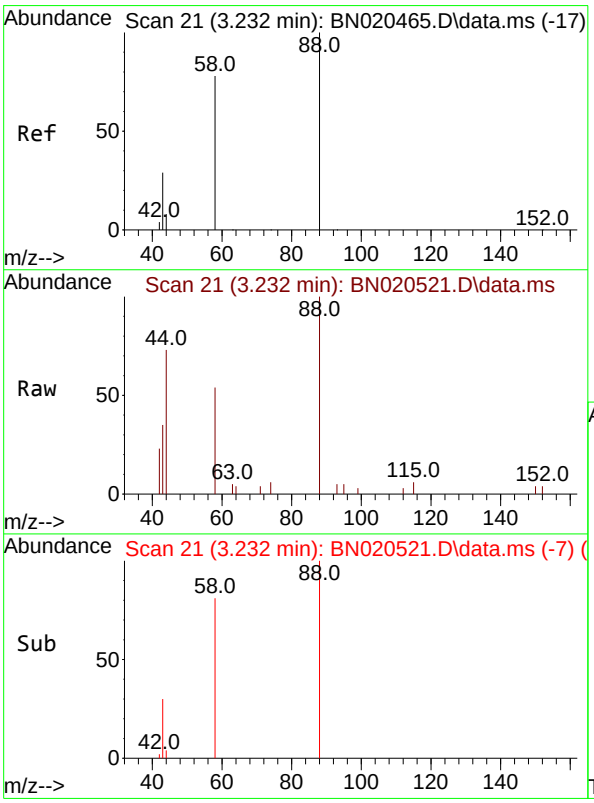
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.739 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:152 Resp: 2927

Ion	Ratio	Lower	Upper
152	100		
150	151.6	127.9	191.9
115	64.0	51.4	77.2

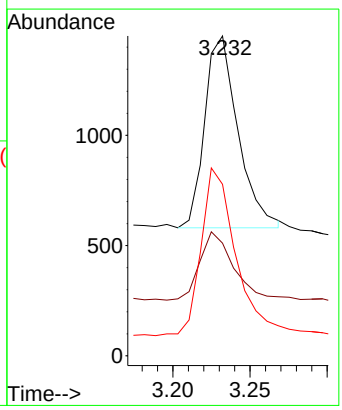


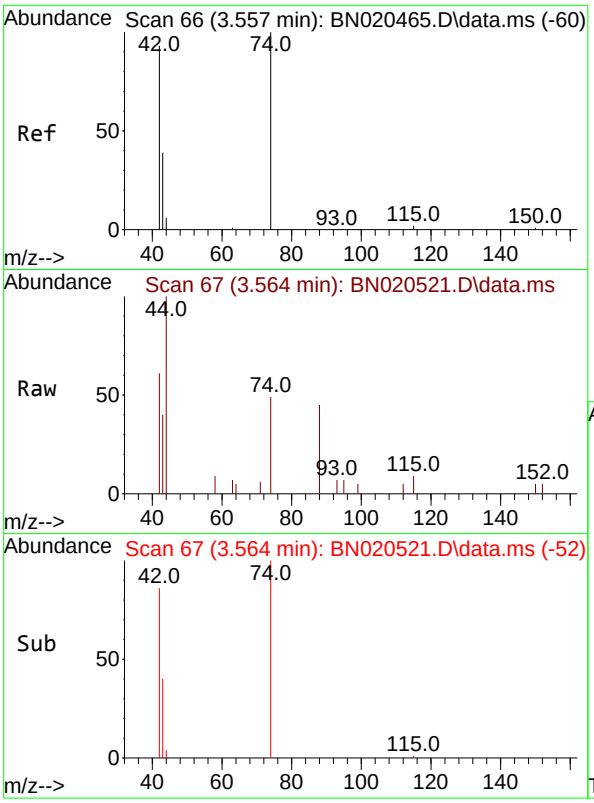


#2
1,4-Dioxane
Concen: 0.341 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion: 88 Resp: 1307

Ion	Ratio	Lower	Upper
88	100		
43	36.0	30.2	45.2
58	90.9	73.0	109.6



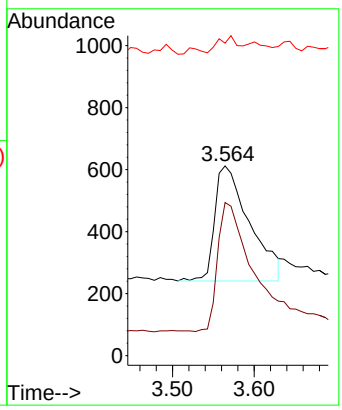


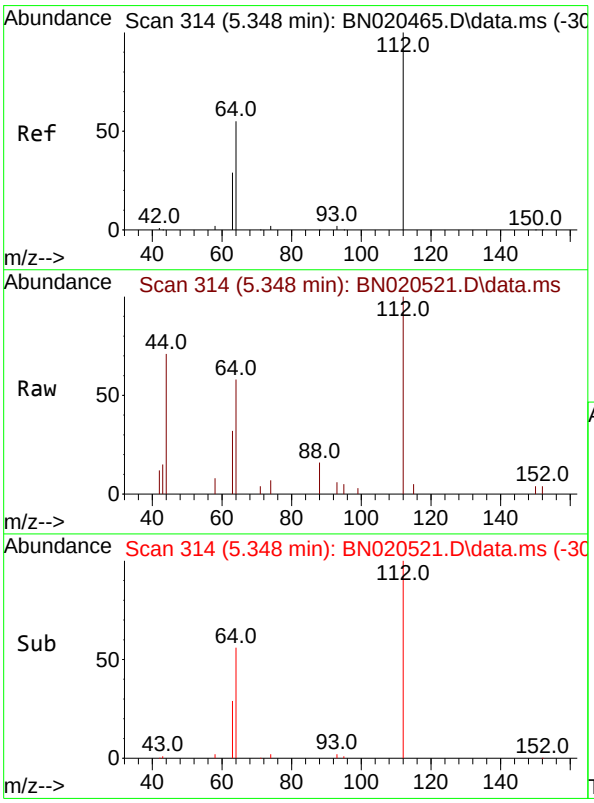
#3
n-Nitrosodimethylamine
Concen: 0.314 ng
RT: 3.564 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion: 42 Resp: 1099

Ion	Ratio	Lower	Upper
42	100		
74	108.6	84.0	126.0
44	7.6	9.8	14.8#

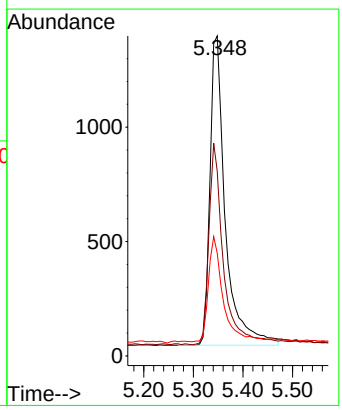


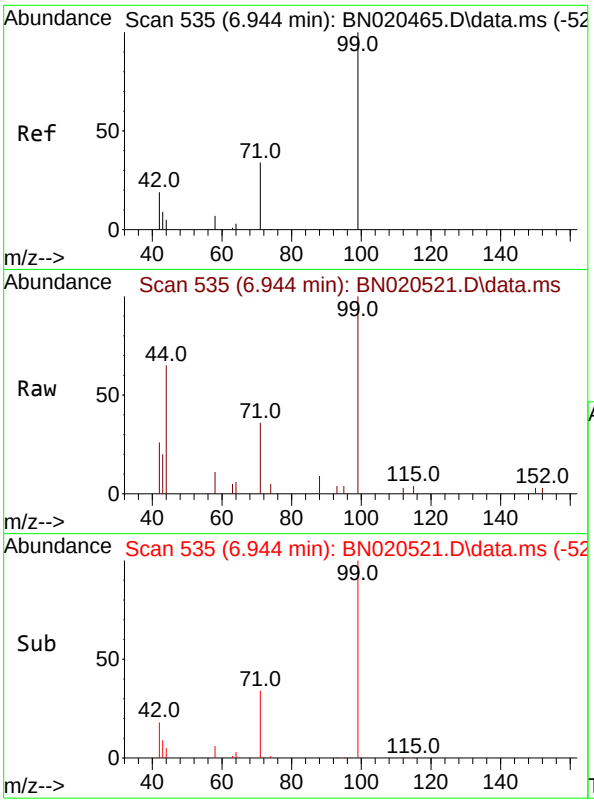


#4
2-Fluorophenol
Concen: 0.358 ng
RT: 5.348 min Scan# 314
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:112 Resp: 2909

Ion	Ratio	Lower	Upper
112	100		
64	62.0	49.1	73.7
63	32.3	26.3	39.5



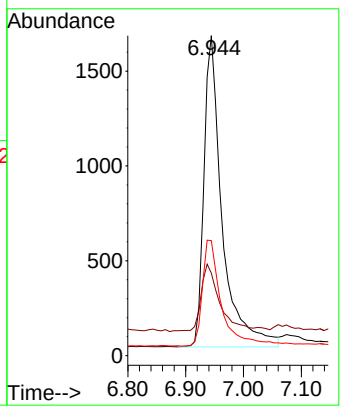


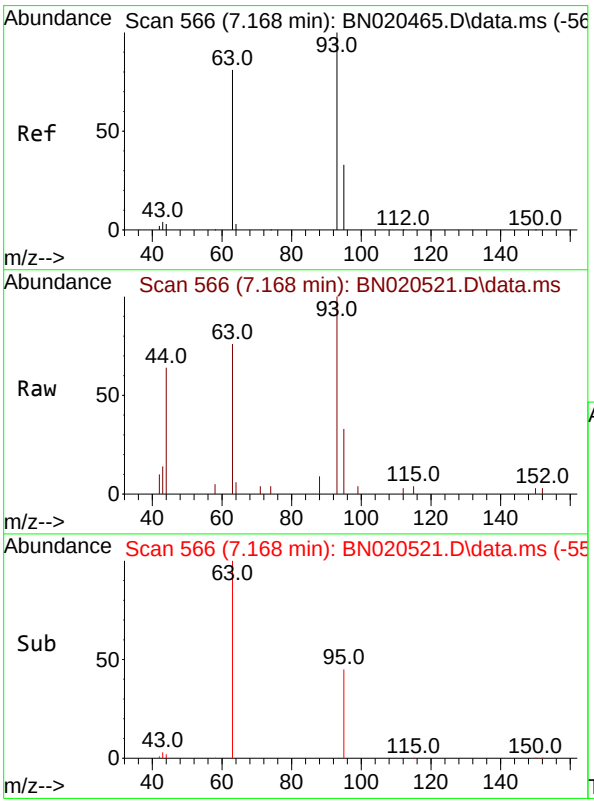
#5
Phenol-d6
Concen: 0.371 ng
RT: 6.944 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion: 99 Resp: 3599

Ion	Ratio	Lower	Upper
99	100		
42	21.1	19.3	28.9
71	35.7	27.5	41.3

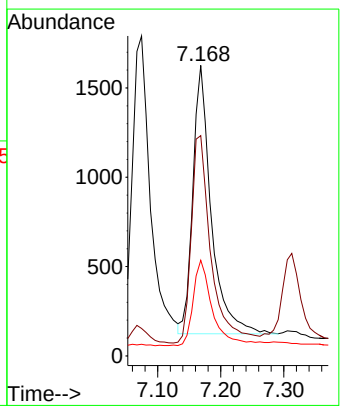


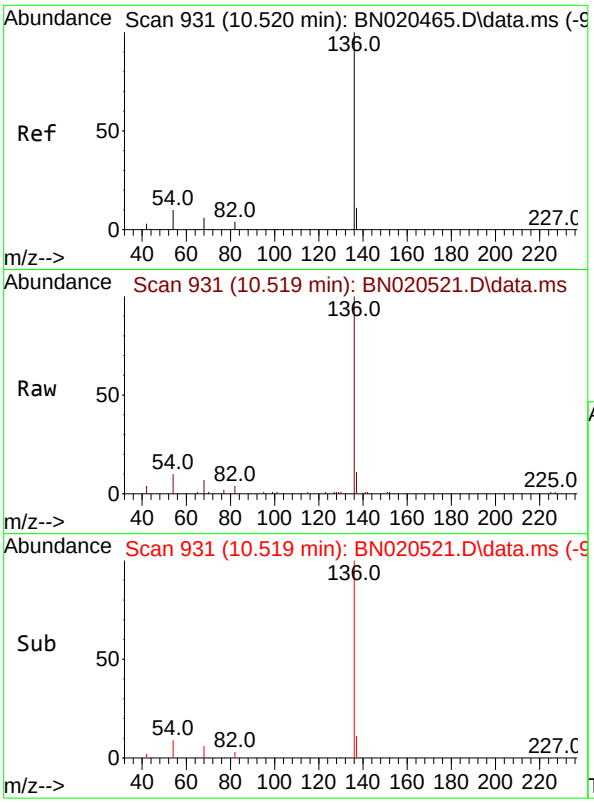


#6
bis(2-Chloroethyl)ether
Concen: 0.364 ng
RT: 7.168 min Scan# 566
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion: 93 Resp: 3041

Ion	Ratio	Lower	Upper
93	100		
63	83.1	67.4	101.0
95	33.4	26.5	39.7



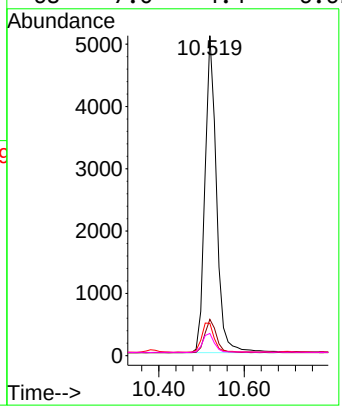


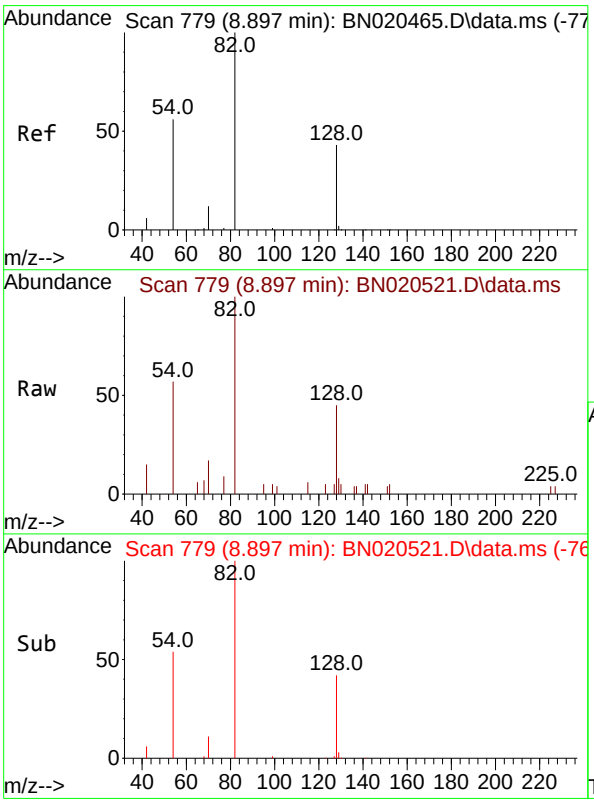
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:136 Resp: 9535

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	10.1	6.2	9.2#
68	7.0	4.4	6.6#

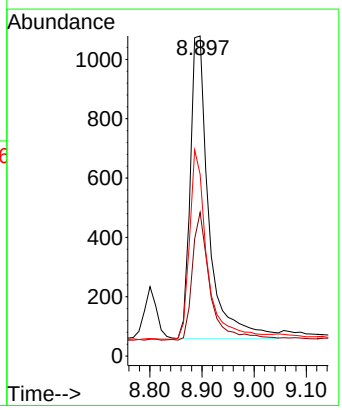


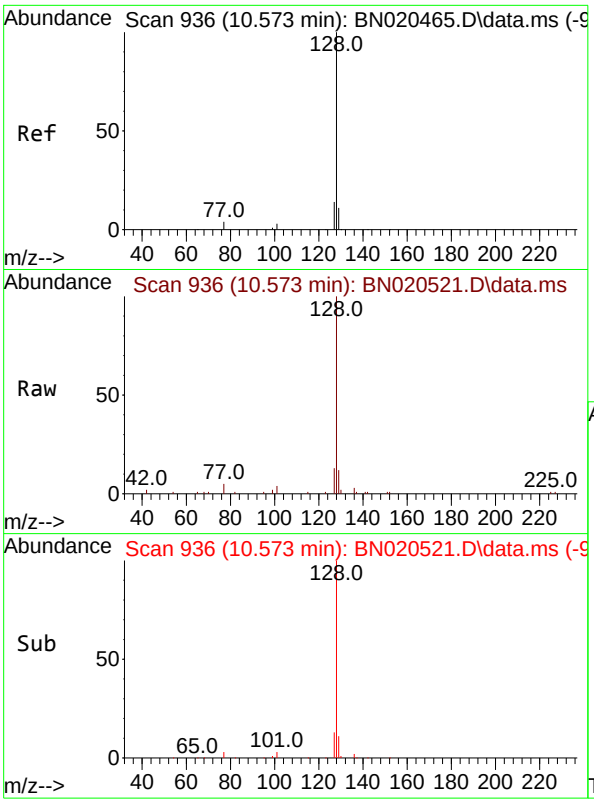


#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.897 min Scan# 779
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion: 82 Resp: 2550

Ion	Ratio	Lower	Upper
82	100		
128	44.9	35.0	52.6
54	56.8	46.2	69.4



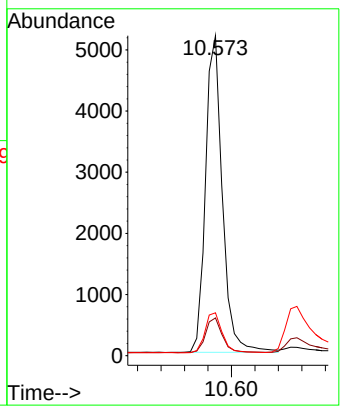


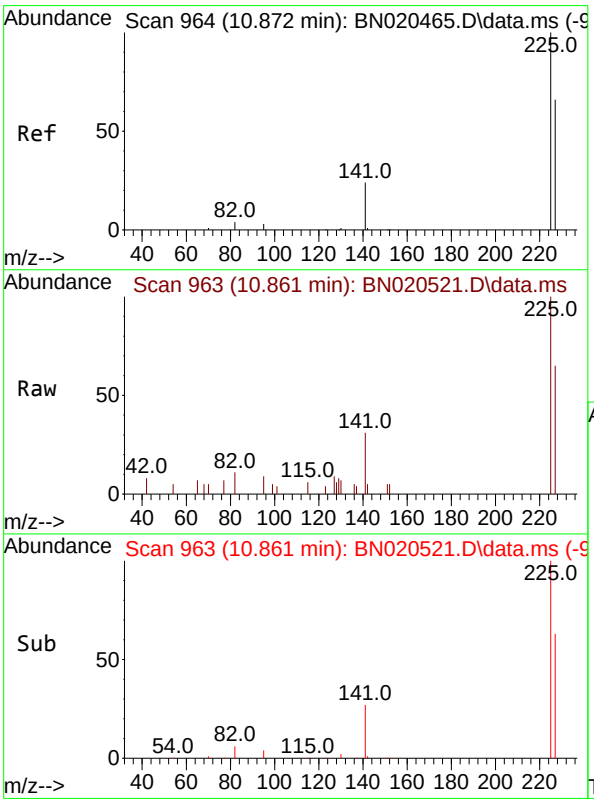
#9
Naphthalene
Concen: 0.362 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:128 Resp: 10319

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.9	13.3
127	13.4	10.8	16.2

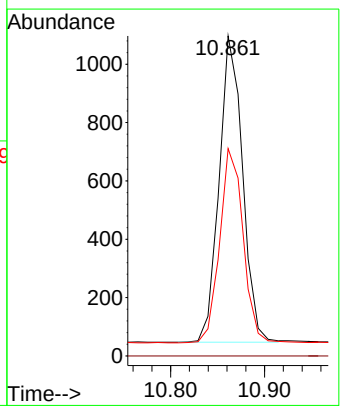


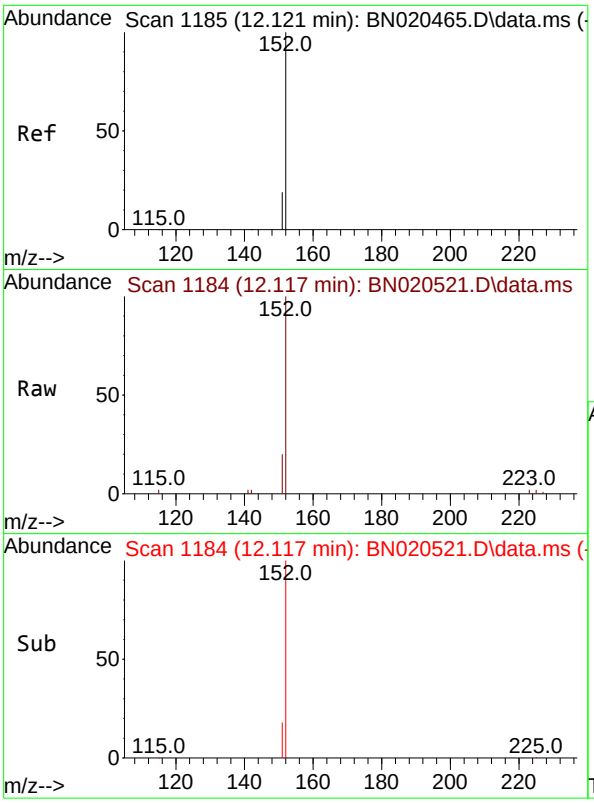


#10
Hexachlorobutadiene
Concen: 0.350 ng
RT: 10.861 min Scan# 963
Delta R.T. -0.011 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:225 Resp: 1817

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.9	76.3



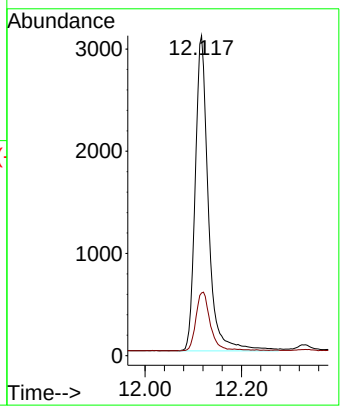


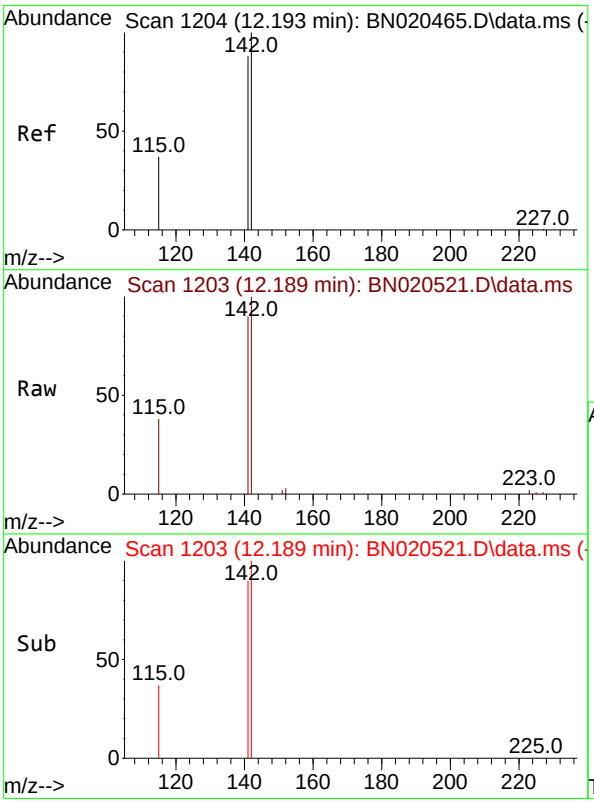
#11
2-Methylnaphthalene-d10
Concen: 0.356 ng
RT: 12.117 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:152 Resp: 5821

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

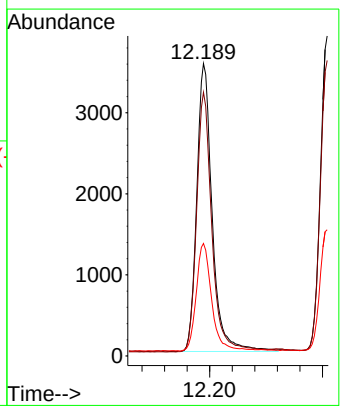


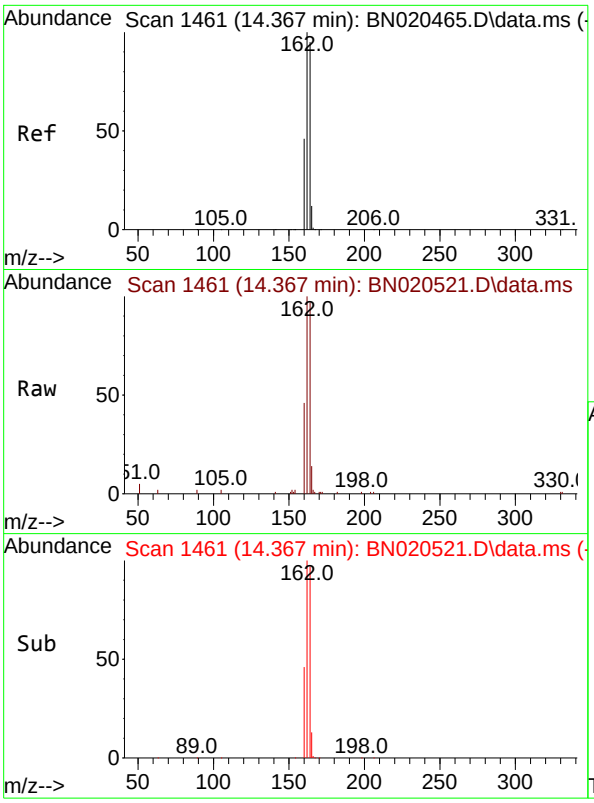


#12
2-Methylnaphthalene
Concen: 0.357 ng
RT: 12.189 min Scan# 1203
Delta R.T. -0.004 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:142 Resp: 6756

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.6	107.4
115	38.5	29.8	44.8



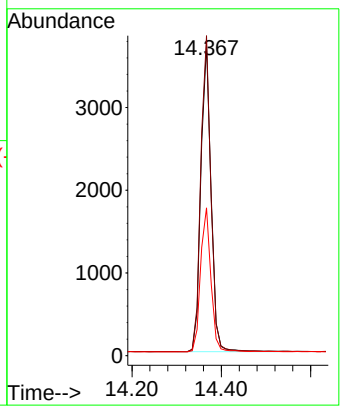


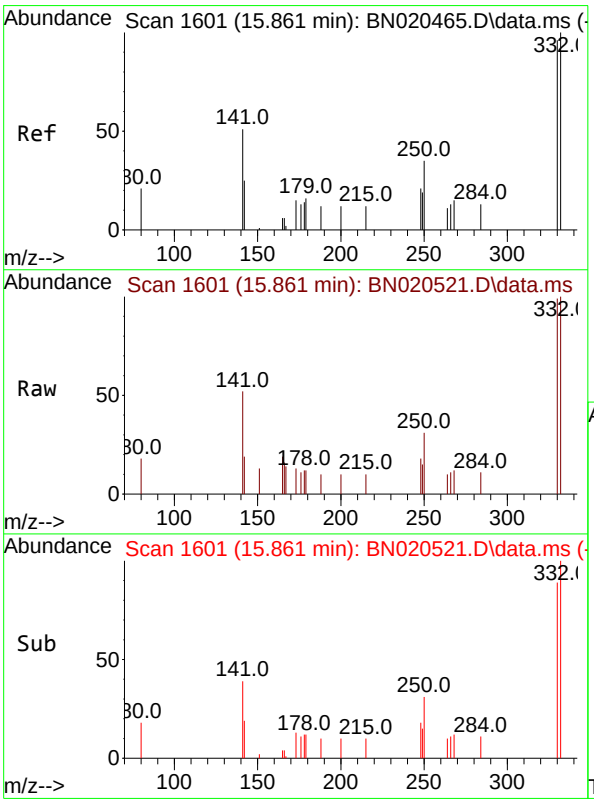
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.367 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:164 Resp: 5877

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	47.5	38.6	58.0

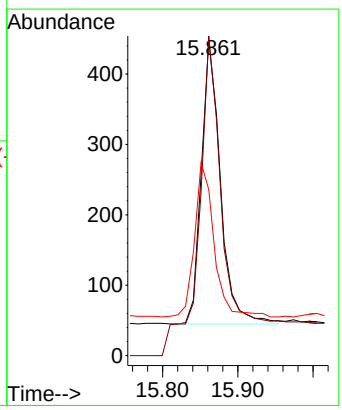


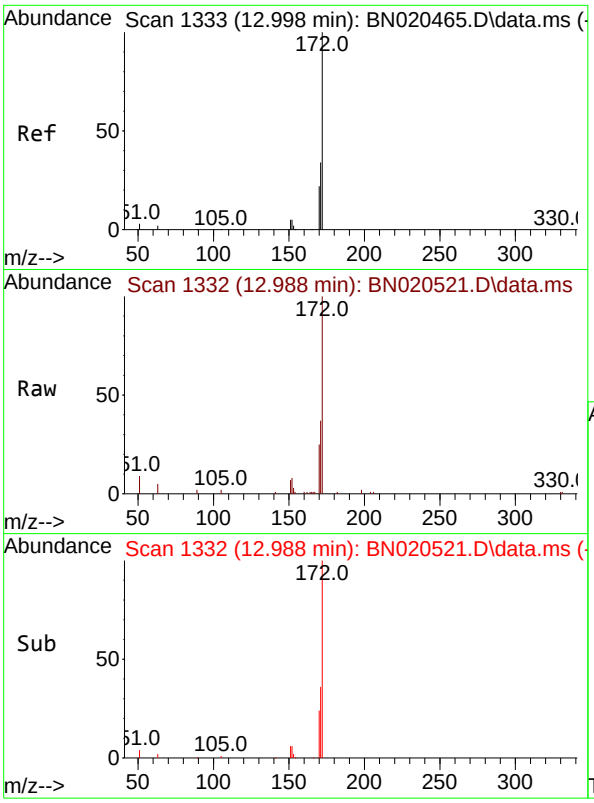


#14
2,4,6-Tribromophenol
Concen: 0.324 ng
RT: 15.861 min Scan# 1601
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:330 Resp: 717

Ion	Ratio	Lower	Upper
330	100		
332	158.7	77.6	116.4#
141	55.1	41.0	61.4



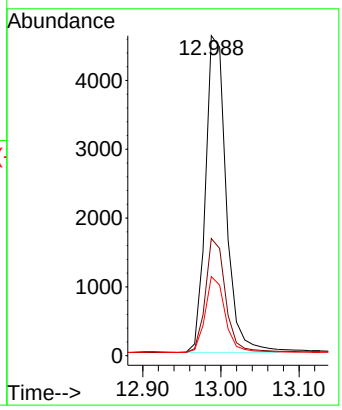


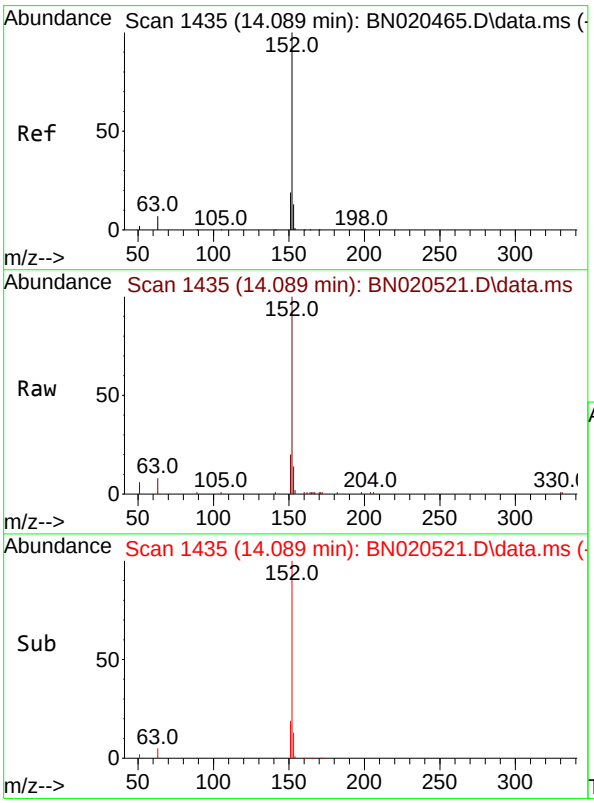
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.988 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:172 Resp: 8467

Ion	Ratio	Lower	Upper
172	100		
171	36.6	27.2	40.8
170	24.7	18.2	27.4

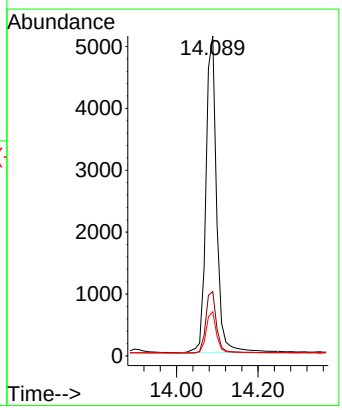


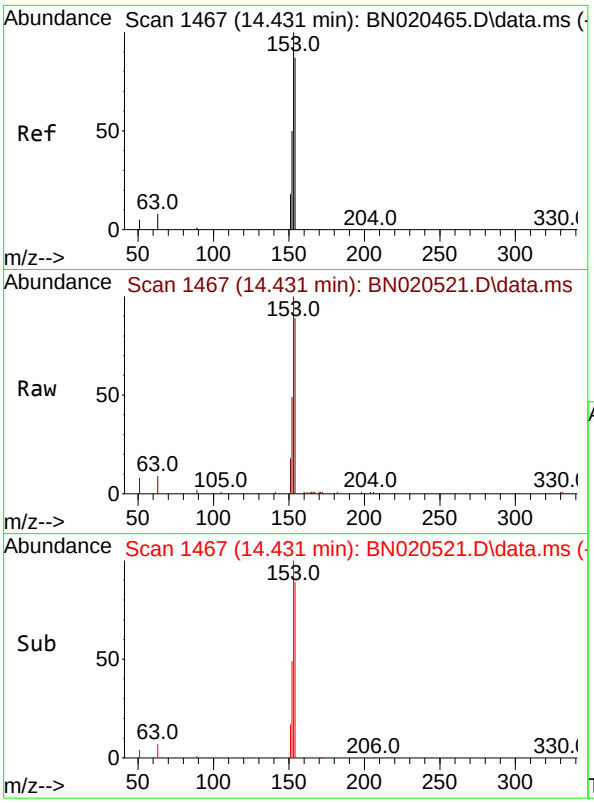


#16
Acenaphthylene
Concen: 0.332 ng
RT: 14.089 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:152 Resp: 9388

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.4
153	13.1	10.7	16.1



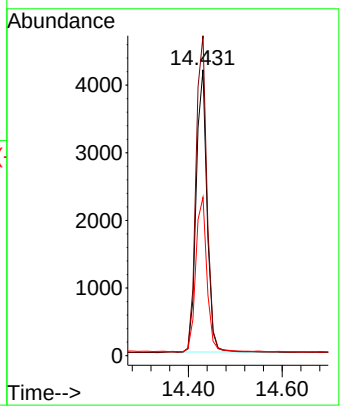


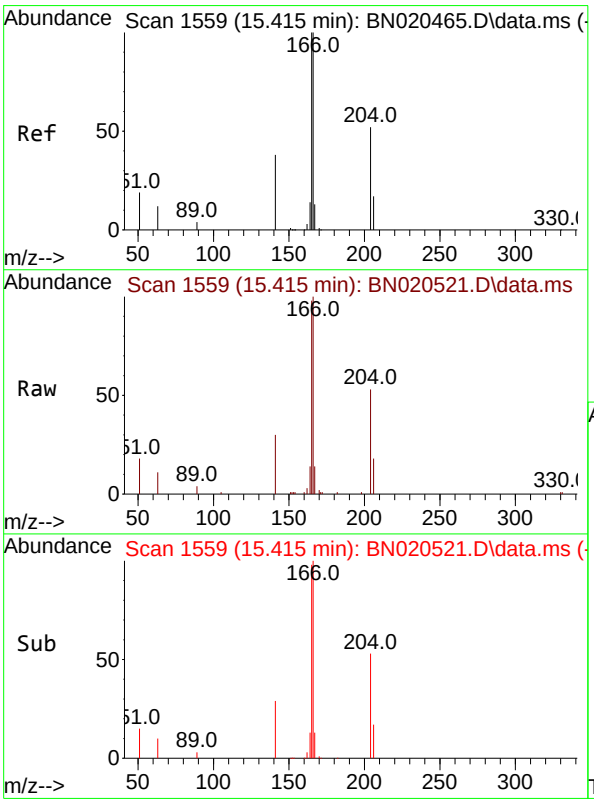
#17
Acenaphthene
Concen: 0.348 ng
RT: 14.431 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:154 Resp: 6683

Ion	Ratio	Lower	Upper
154	100		
153	114.7	87.5	131.3
152	56.3	43.8	65.6

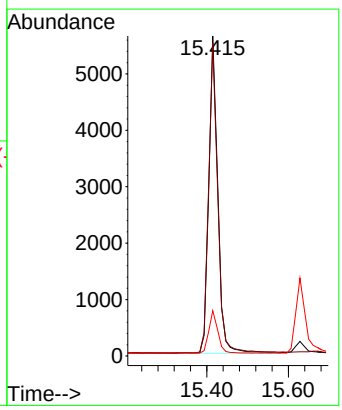


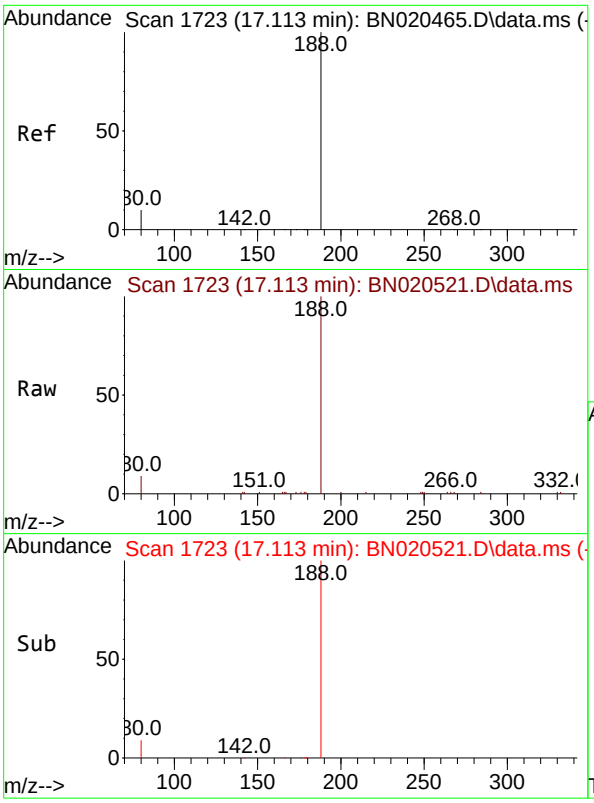


#18
Fluorene
Concen: 0.345 ng
RT: 15.415 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:166 Resp: 8640

Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	118.0
167	13.5	10.8	16.2



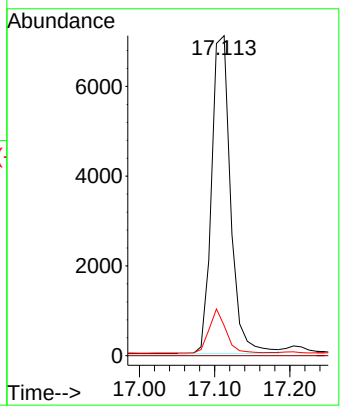


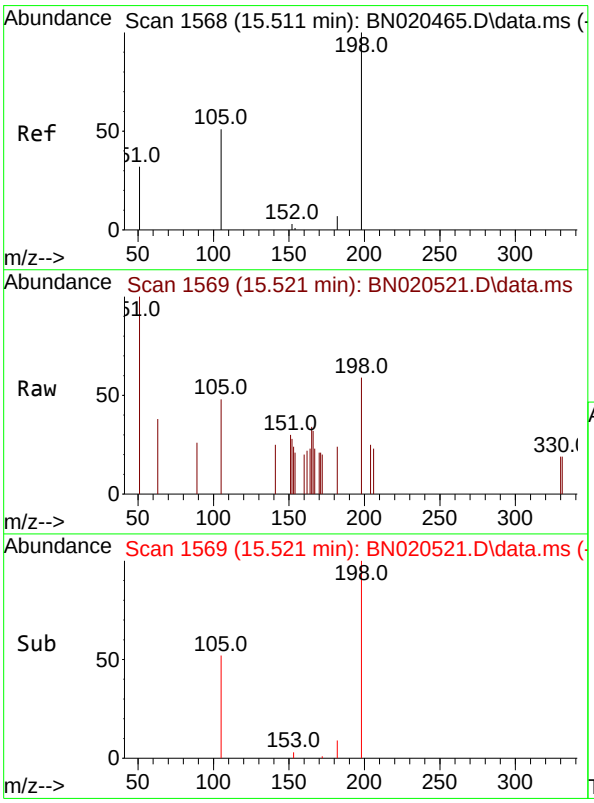
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.113 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:188 Resp: 12488

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

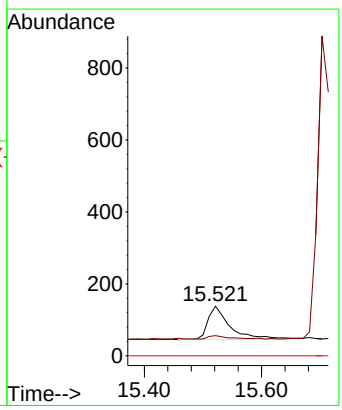


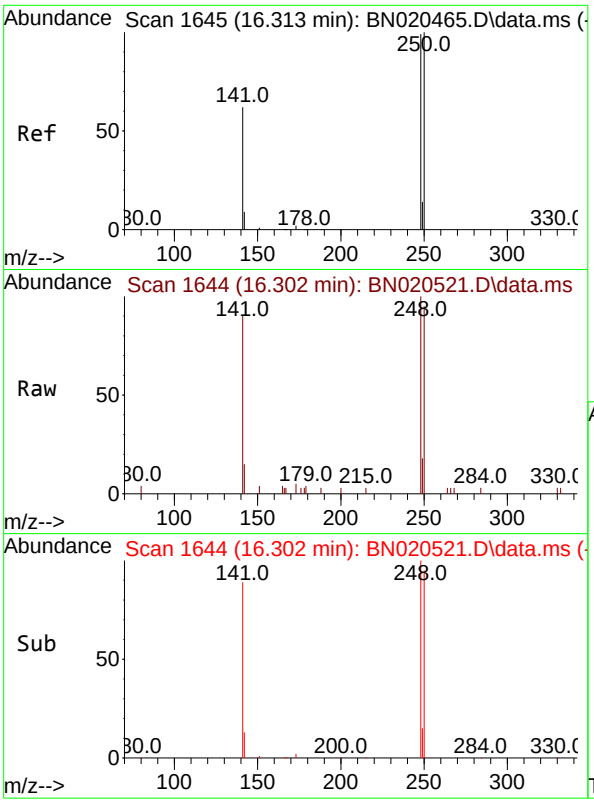


#20
4,6-Dinitro-2-methylphenol
Concen: 0.325 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.010 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:198 Resp: 244

Ion	Ratio	Lower	Upper
198	100		
182	40.6	12.1	18.1#
77	0.0	0.0	0.0



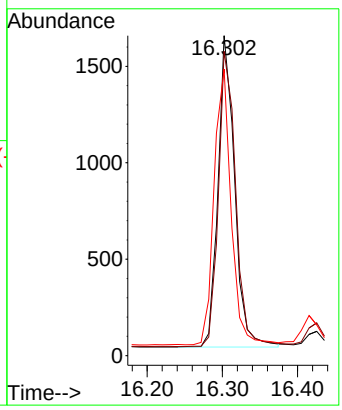


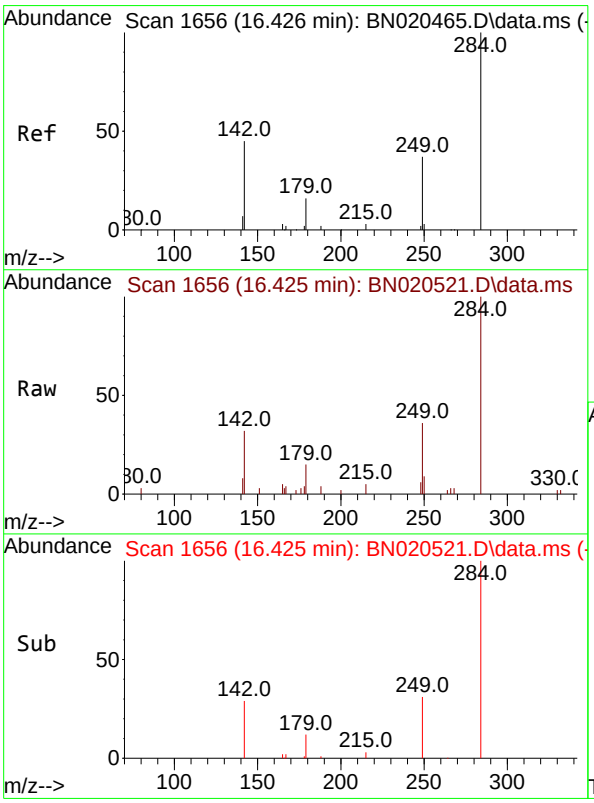
#21
4-Bromophenyl-phenylether
Concen: 0.340 ng
RT: 16.302 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:248 Resp: 2471

Ion	Ratio	Lower	Upper
248	100		
250	95.1	75.3	112.9
141	89.6	67.3	100.9

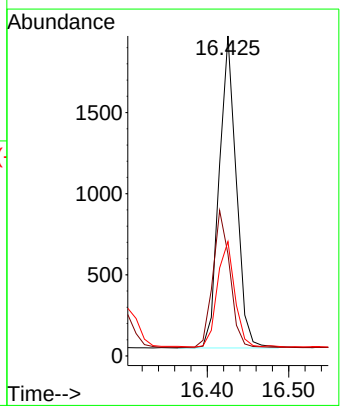


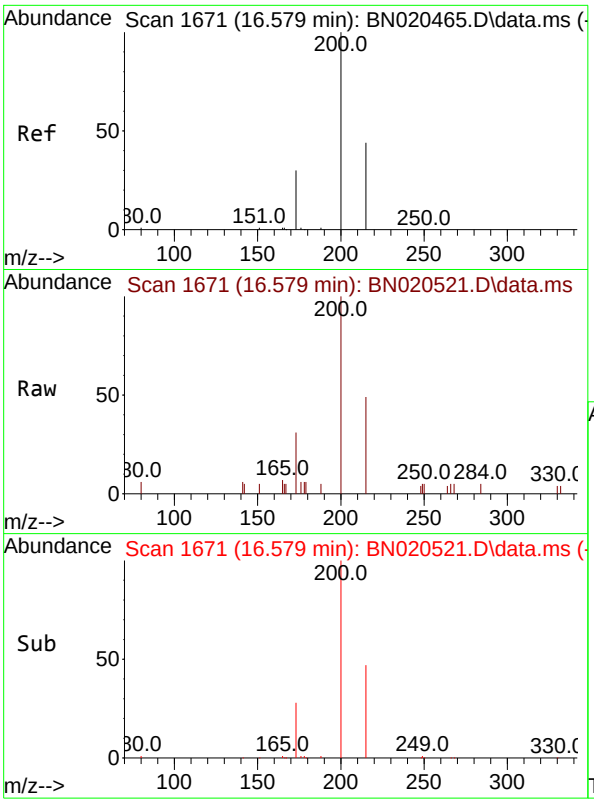


#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.425 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:284 Resp: 2809

Ion	Ratio	Lower	Upper
284	100		
142	43.7	35.2	52.8
249	34.6	26.6	40.0



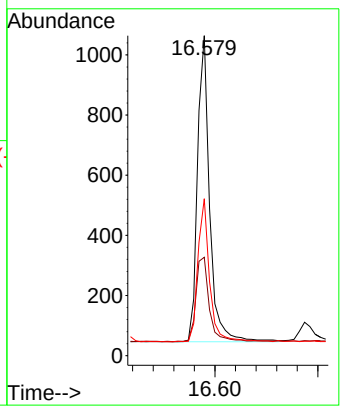


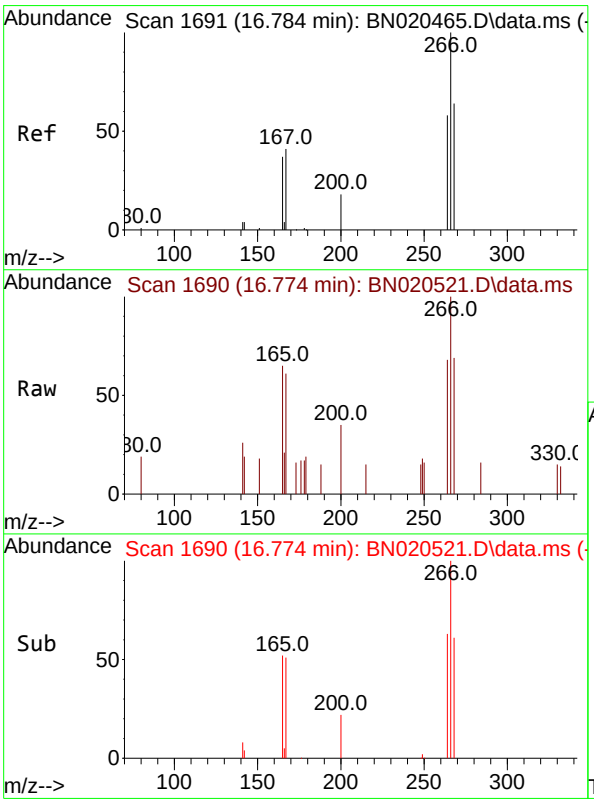
#23
Atrazine
Concen: 0.291 ng
RT: 16.579 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:200 Resp: 1666

Ion	Ratio	Lower	Upper
200	100		
173	30.7	23.6	35.4
215	49.1	36.6	54.8

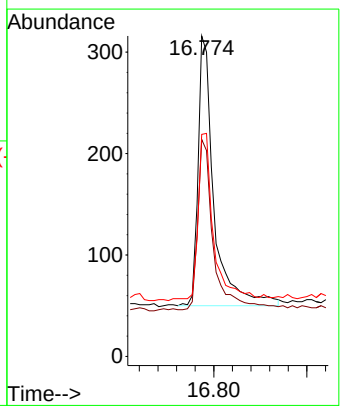


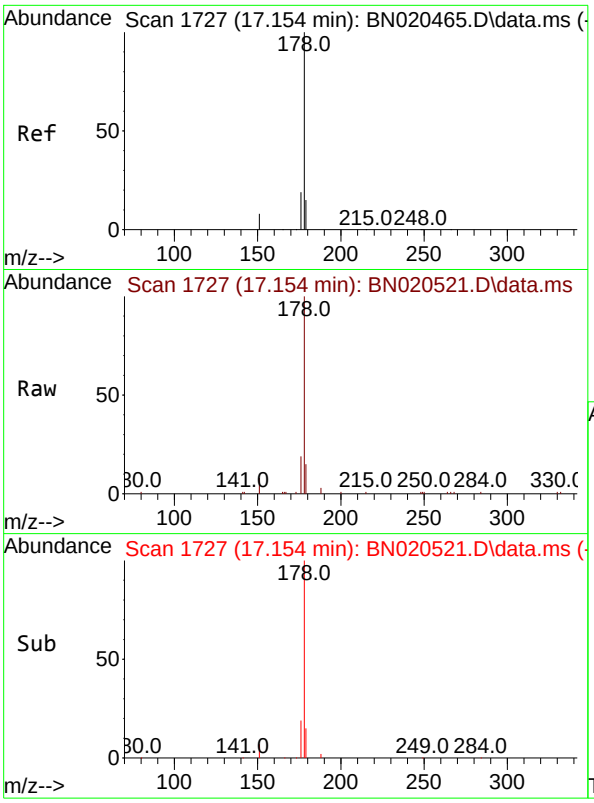


#24
Pentachlorophenol
Concen: 0.429 ng
RT: 16.774 min Scan# 1690
Delta R.T. -0.010 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:266 Resp: 632

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.3	76.9
268	60.4	52.6	79.0



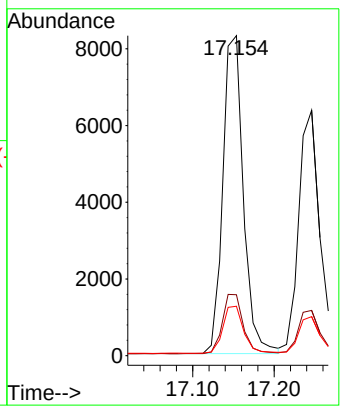


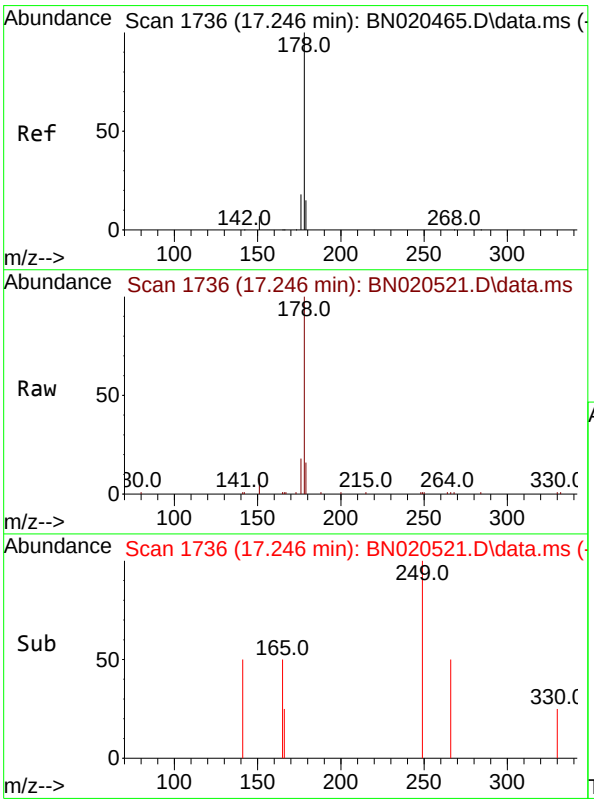
#25
Phenanthrene
Concen: 0.345 ng
RT: 17.154 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:178 Resp: 14544

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.1	12.2	18.4

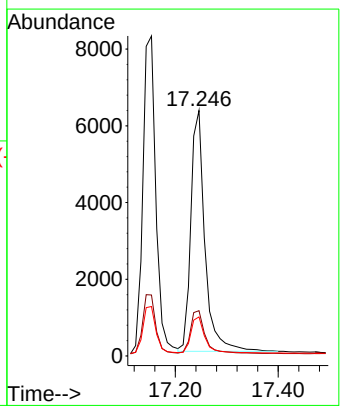


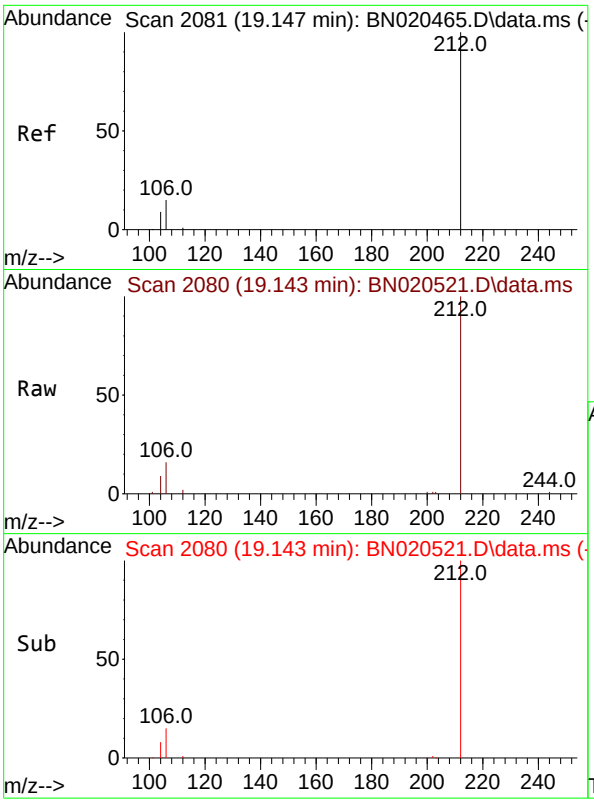


#26
Anthracene
Concen: 0.329 ng
RT: 17.246 min Scan# 1736
Delta R.T. -0.000 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:178 Resp: 11944

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.9	22.3
179	15.1	12.2	18.4



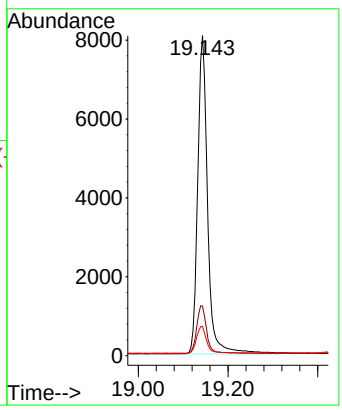


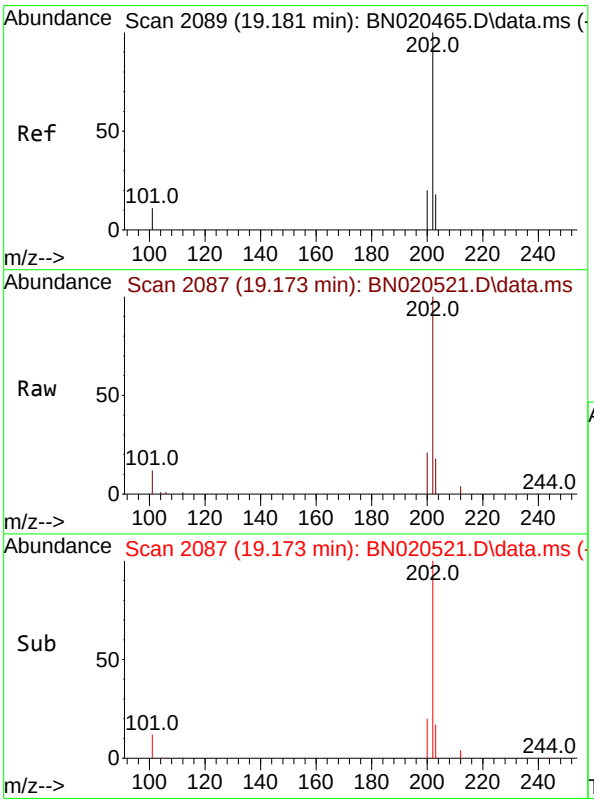
#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.143 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:212 Resp: 12296

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

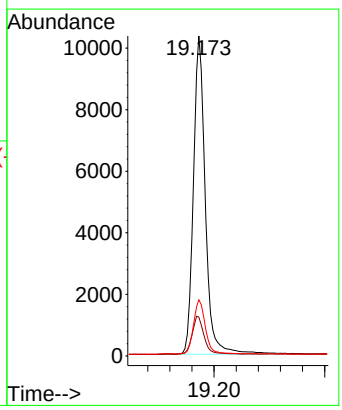


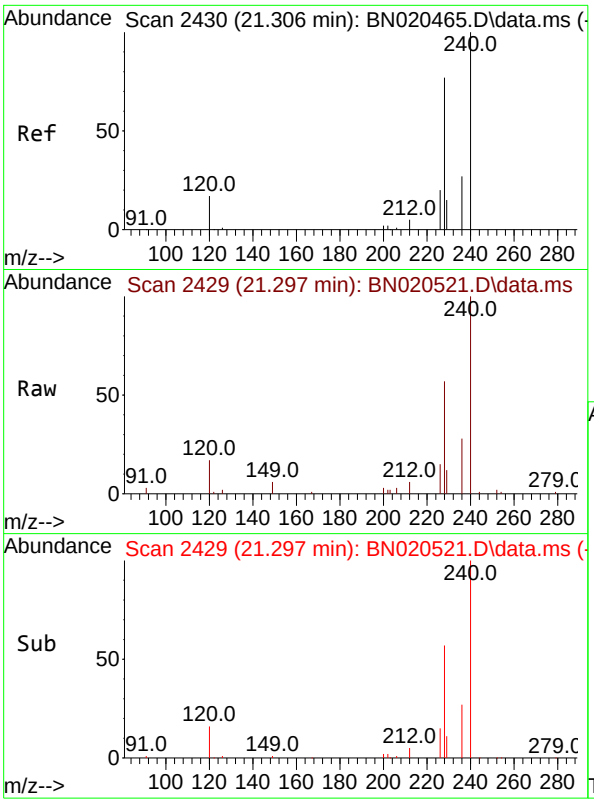


#28
Fluoranthene
Concen: 0.335 ng
RT: 19.173 min Scan# 2087
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:202 Resp: 15392

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.6	14.4
203	17.0	13.5	20.3



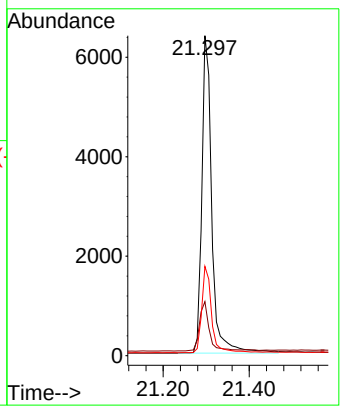


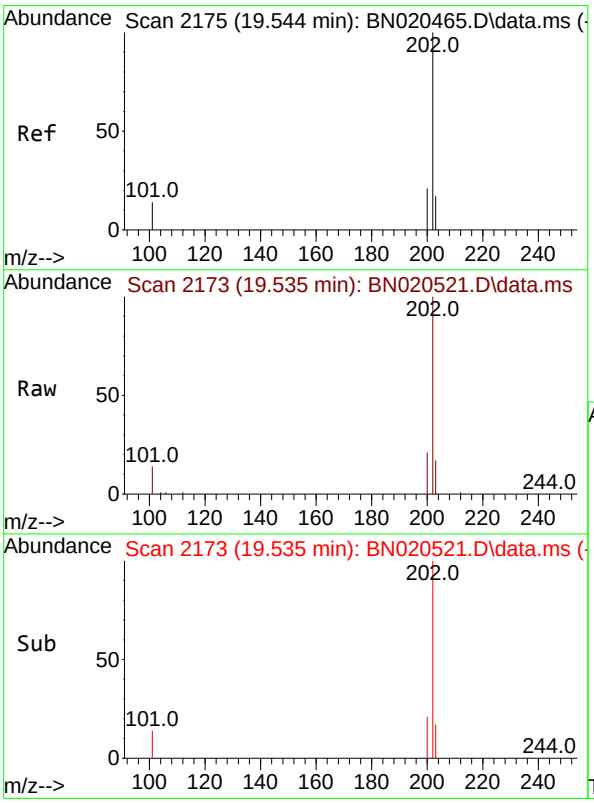
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.297 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:240 Resp: 10283

Ion	Ratio	Lower	Upper
240	100		
120	16.9	14.6	21.8
236	27.9	22.6	33.8

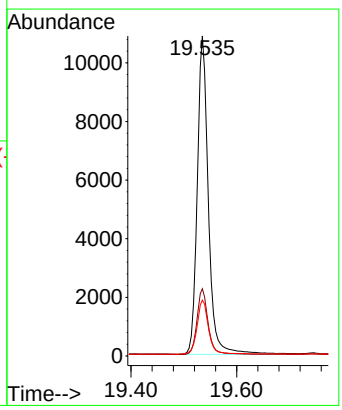


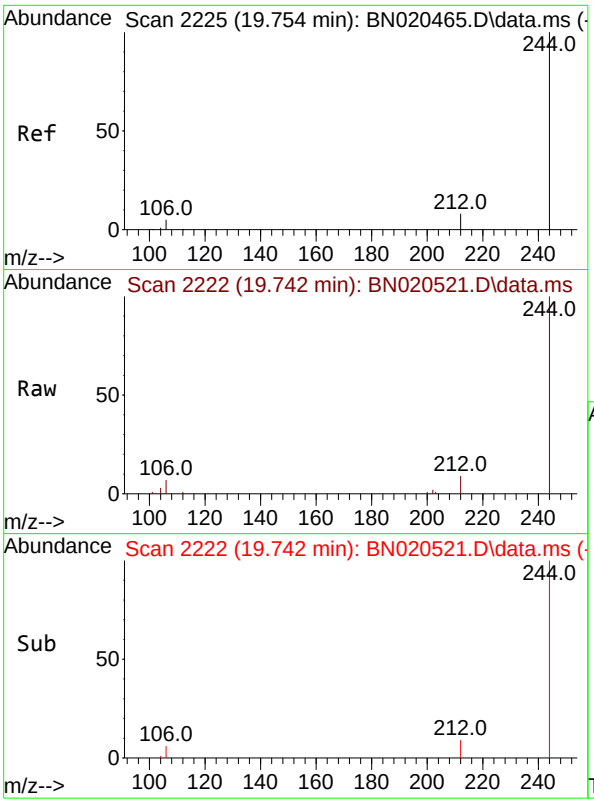


#30
Pyrene
Concen: 0.365 ng
RT: 19.535 min Scan# 2173
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:202 Resp: 15910

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



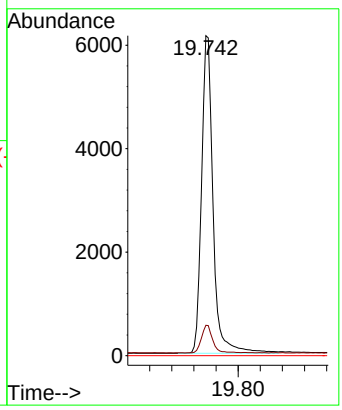


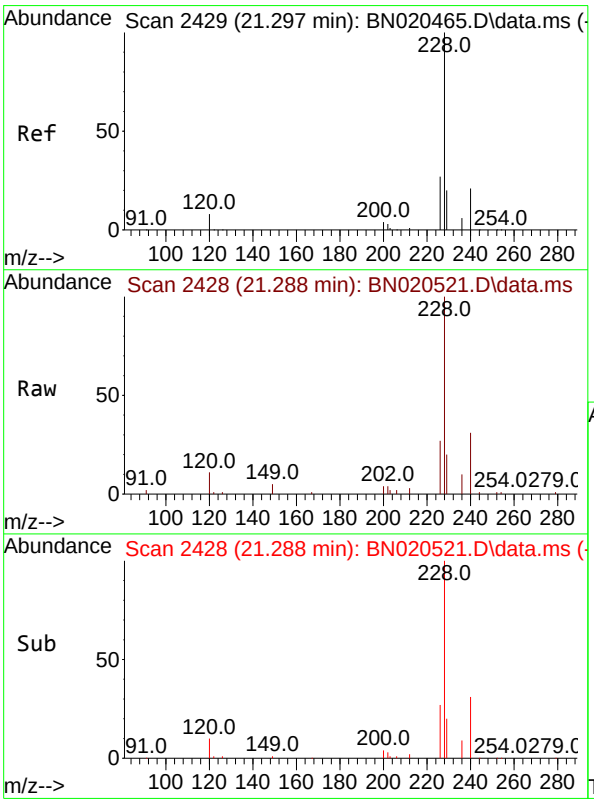
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.742 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:244 Resp: 8865

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.1	10.7
122	0.0	0.0	0.0

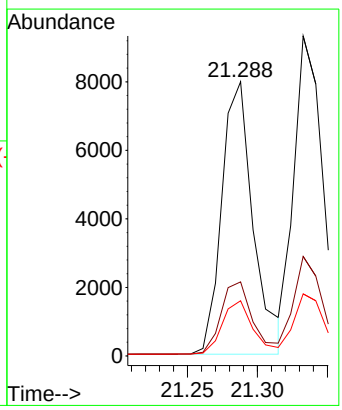


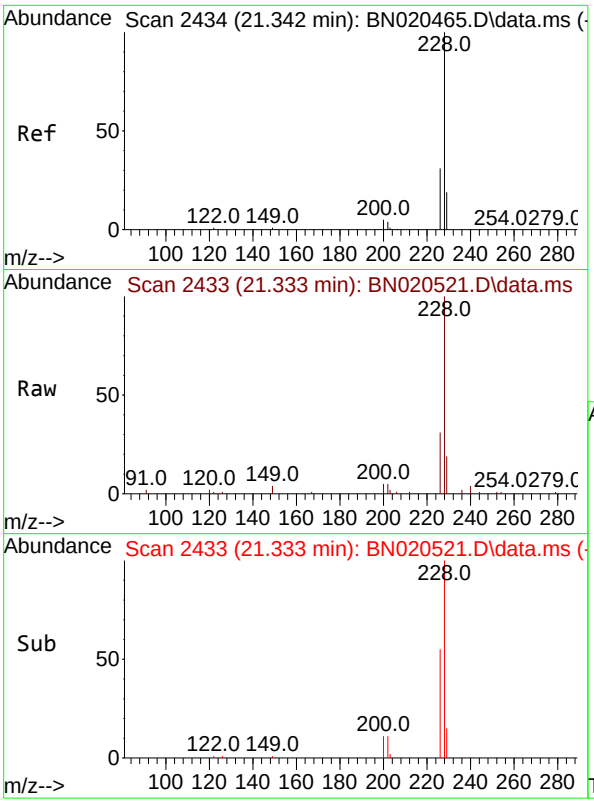


#32
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.288 min Scan# 2428
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:228 Resp: 12493

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	20.1	15.6	23.4



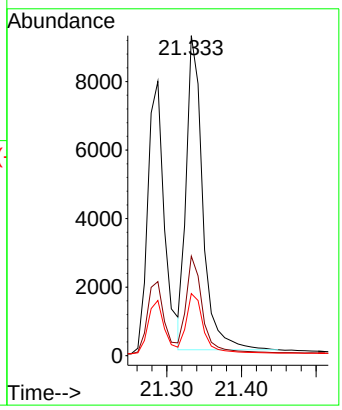


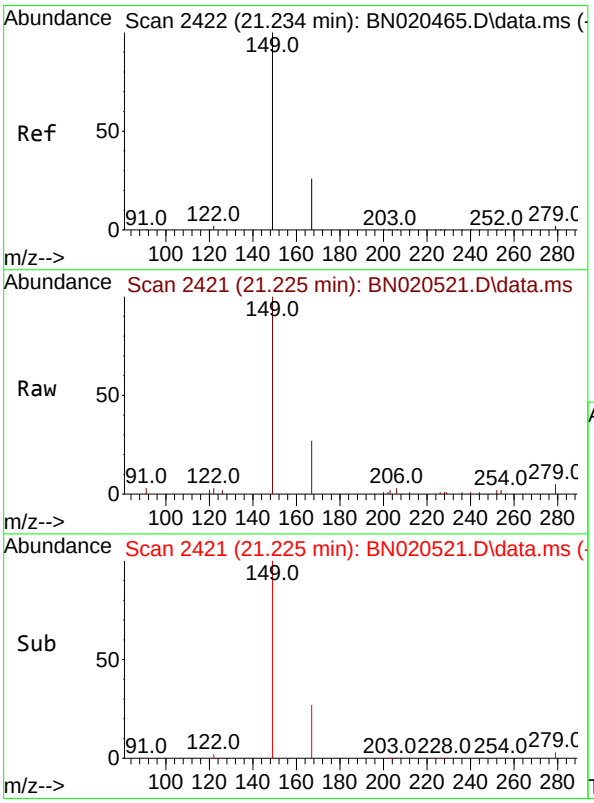
#33
Chrysene
Concen: 0.345 ng
RT: 21.333 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:228 Resp: 14051

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.4	35.0
229	19.4	15.7	23.5

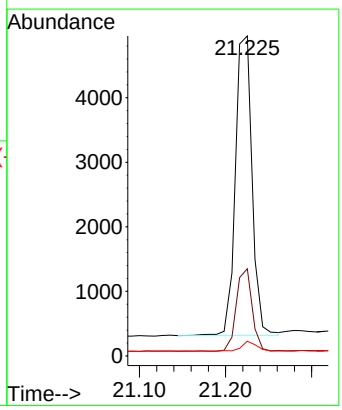


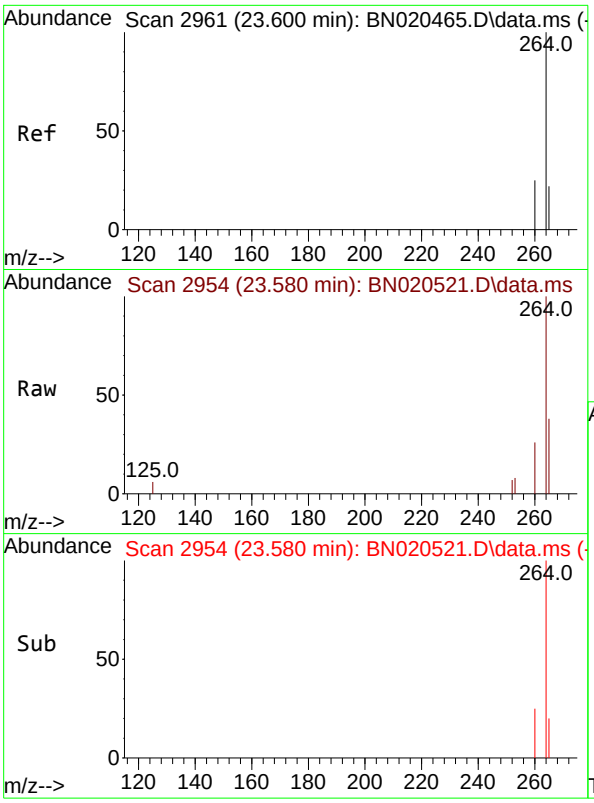


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.303 ng
RT: 21.225 min Scan# 2421
Delta R.T. -0.009 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:149 Resp: 6272

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.7	32.5
279	3.0	2.2	3.2



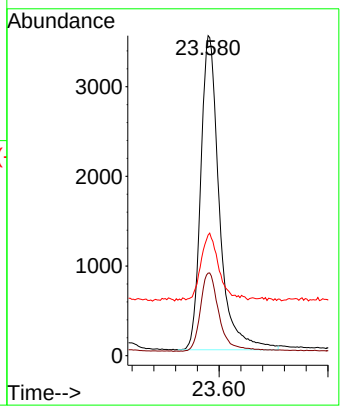


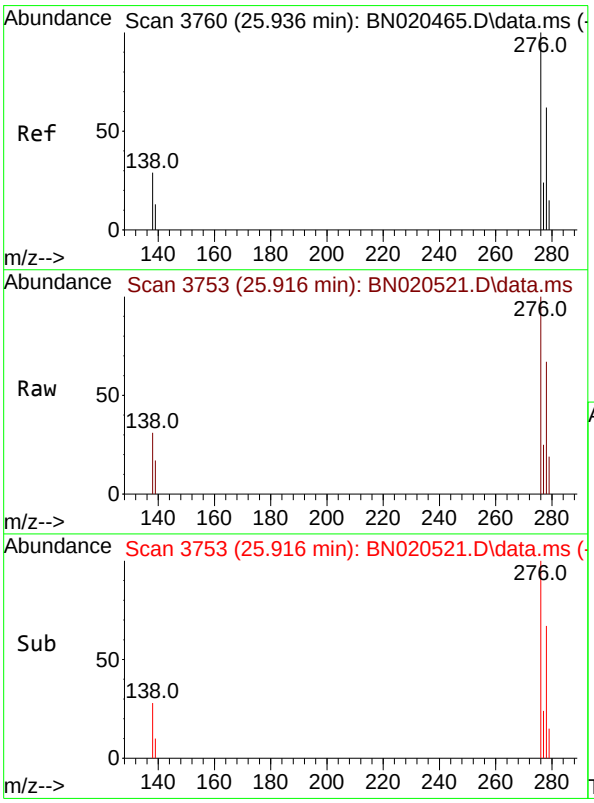
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.580 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:264 Resp: 8296

Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.9	31.3
265	37.7	28.0	42.0

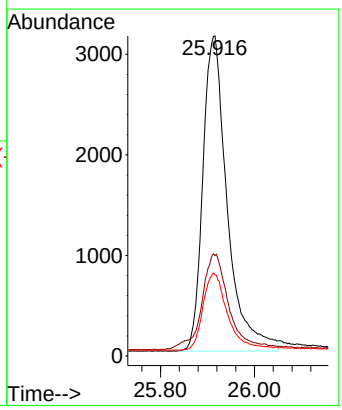


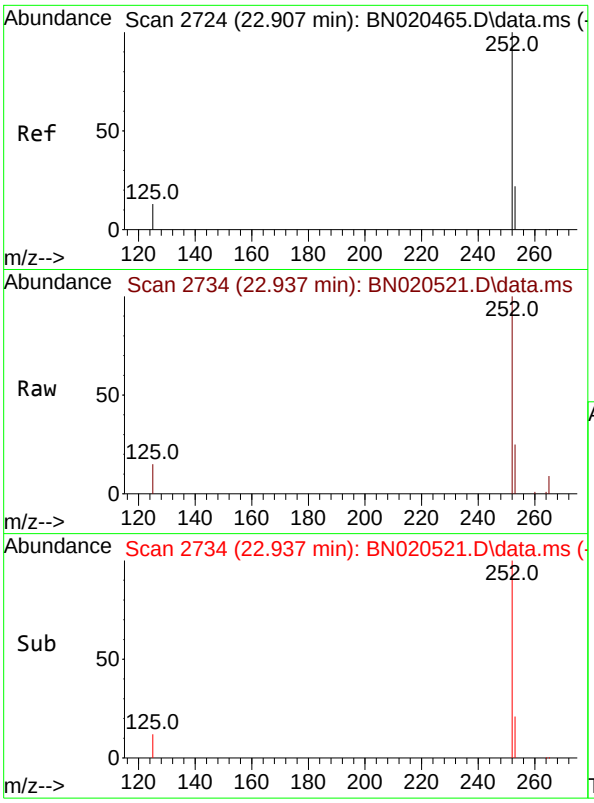


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng
RT: 25.916 min Scan# 3753
Delta R.T. -0.021 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:276 Resp: 11344

Ion	Ratio	Lower	Upper
276	100		
138	32.1	25.9	38.9
277	24.8	19.8	29.8



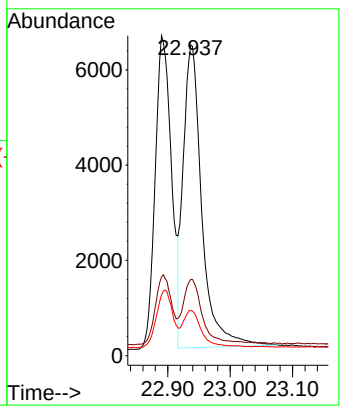


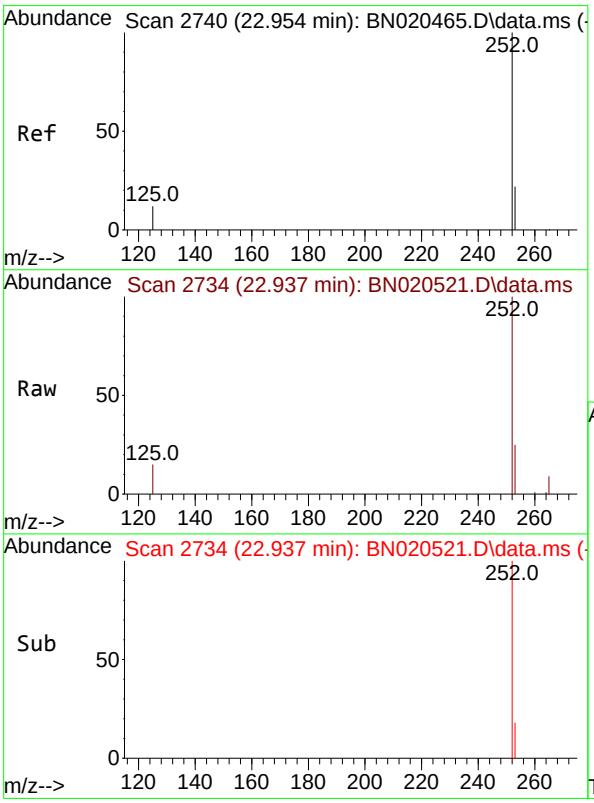
#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 22.937 min Scan# 2
Delta R.T. 0.029 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:252 Resp: 13189

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.5	27.7
125	14.5	11.4	17.0

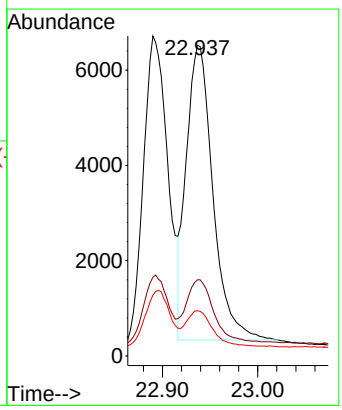


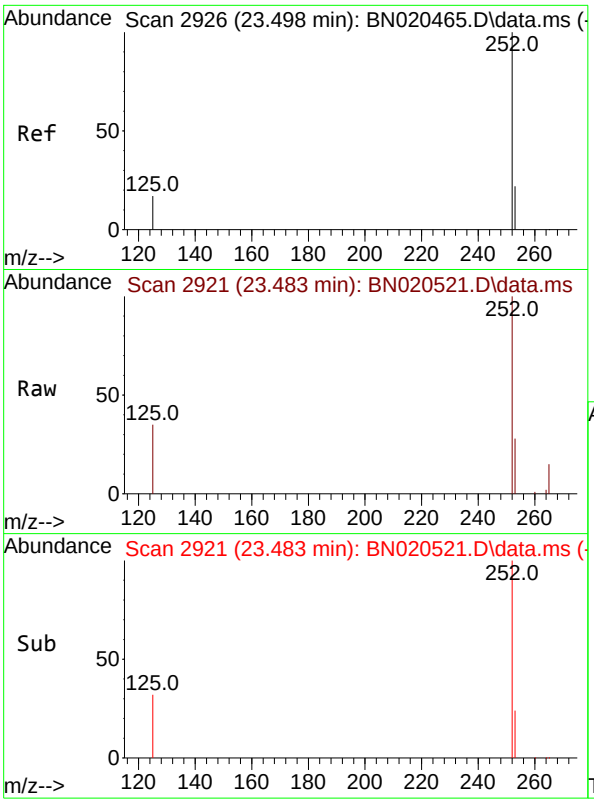


#38
Benzo(k)fluoranthene
Concen: 0.353 ng
RT: 22.937 min Scan# 2734
Delta R.T. -0.018 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:252 Resp: 12019

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	14.5	11.0	16.4



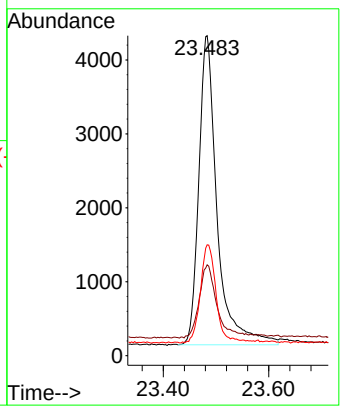


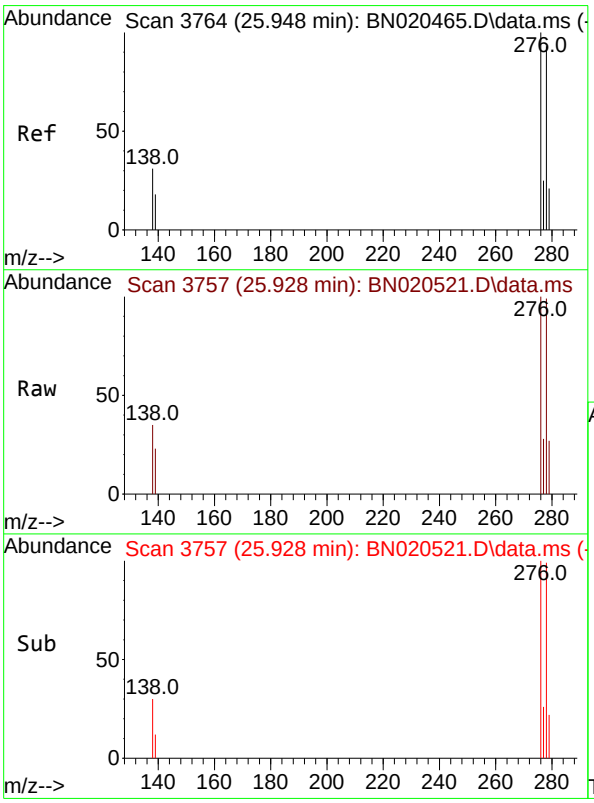
#39
Benzo(a)pyrene
Concen: 0.363 ng
RT: 23.483 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:252 Resp: 10057

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.0	28.4
125	34.6	13.8	20.8#

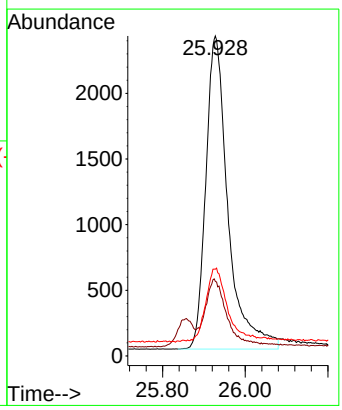


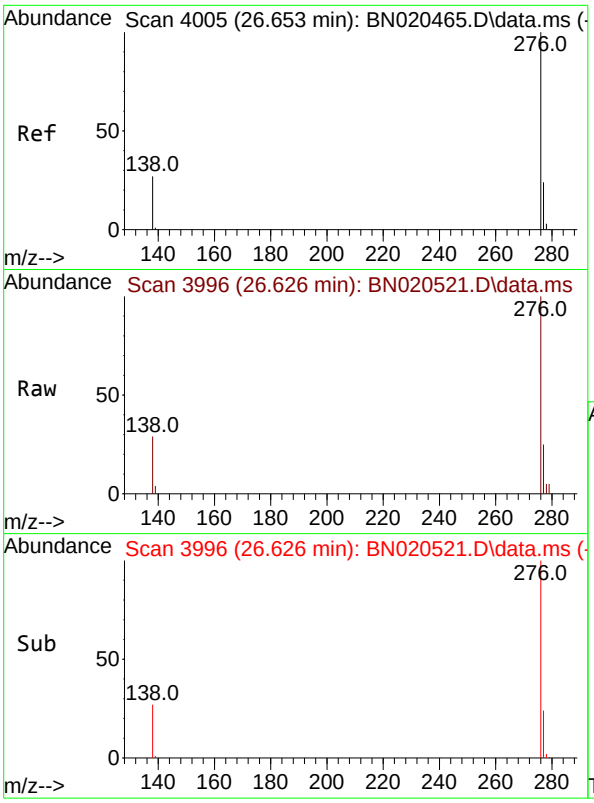


#40
Dibenzo(a,h)anthracene
Concen: 0.301 ng
RT: 25.928 min Scan# 3757
Delta R.T. -0.021 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Tgt Ion:278 Resp: 8909

Ion	Ratio	Lower	Upper
278	100		
139	23.3	18.6	28.0
279	27.1	19.7	29.5





#41
Benzo(g,h,i)perylene
Concen: 0.295 ng
RT: 26.626 min Scan# 3
Delta R.T. -0.026 min
Lab File: BN020521.D
Acq: 28 Jun 2022 06:19

Instrument :
BNA_N
ClientSampleId :
PB145647BS

Tgt Ion:276 Resp: 9541

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.5	29.3
138	28.9	22.6	34.0