Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025309.D
Acq On : 06 May 2023 11:11
Operator : CG/JU
Sample : 02547-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Quant Time: May 08 03:58:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:37:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	4708	0.400	ng	0.00
7) Naphthalene-d8	10.729	136	15565	0.400	ng	0.00
13) Acenaphthene-d10	14.555	164	10849	0.400	ng	0.00
19) Phenanthrene-d10	17.311	188	23488	0.400	ng	0.00
29) Chrysene-d12	21.495	240	22920	0.400	ng	#-0.01
35) Perylene-d12	23.935	264	23192	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.470	112	2316	0.202	ng	0.00
5) Phenol-d6	7.109	99	1226	0.085	ng	0.02
8) Nitrobenzene-d5	9.106	82	4196	0.328	ng	0.01
11) 2-Methylnaphthalene-d10	12.317	152	10071	0.473	ng	0.00
14) 2,4,6-Tribromophenol	16.057	330	1834	0.331	ng	-0.01
15) 2-Fluorobiphenyl	13.187	172	15795	0.425	ng	0.00
27) Fluoranthene-d10	19.334	212	30494	0.525	ng	0.00
31) Terphenyl-d14	19.928	244	25176	0.545	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	967	0.196	ng	# 67
18) Fluorene	15.614	166	1452	0.035	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.772	198	25	0.285	ng	# 1
21) 4-Bromophenyl-phenylether	16.492	248	816	0.062	ng	# 91
22) Hexachlorobenzene	16.616	284	975	0.069	ng	98
24) Pentachlorophenol	17.050	266	10	0.268	ng	# 29
25) Phenanthrene	17.348	178	5875	0.090	ng	# 93
26) Anthracene	17.447	178	3803	0.062	ng	# 94
28) Fluoranthene	19.368	202	9582	0.118	ng	100
30) Pyrene	19.730	202	9585	0.122	ng	99
32) Benzo(a)anthracene	21.486	228	5045	0.065	ng	95
33) Chrysene	21.540	228	5556	0.072	ng	95
34) Bis(2-ethylhexyl)phtha...	21.388	149	4896	0.081	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.490	276	3619	0.039	ng	98
37) Benzo(b)fluoranthene	23.192	252	4891	0.067	ng	# 55
38) Benzo(k)fluoranthene	23.245	252	4462	0.058	ng	# 45
39) Benzo(a)pyrene	23.829	252	3205	0.043	ng	# 21
40) Dibenzo(a,h)anthracene	26.505	278	2398	0.033	ng	# 30
41) Benzo(g,h,i)perylene	27.268	276	3086	0.038	ng	# 73

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

Quantitation Report (Not Reviewed)

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Operator : CG/JU
Sample : 02547-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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BP-TT-RW10-MW01S-GW-20230427

Quant Time: May 08 03:58:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:37:05 2023
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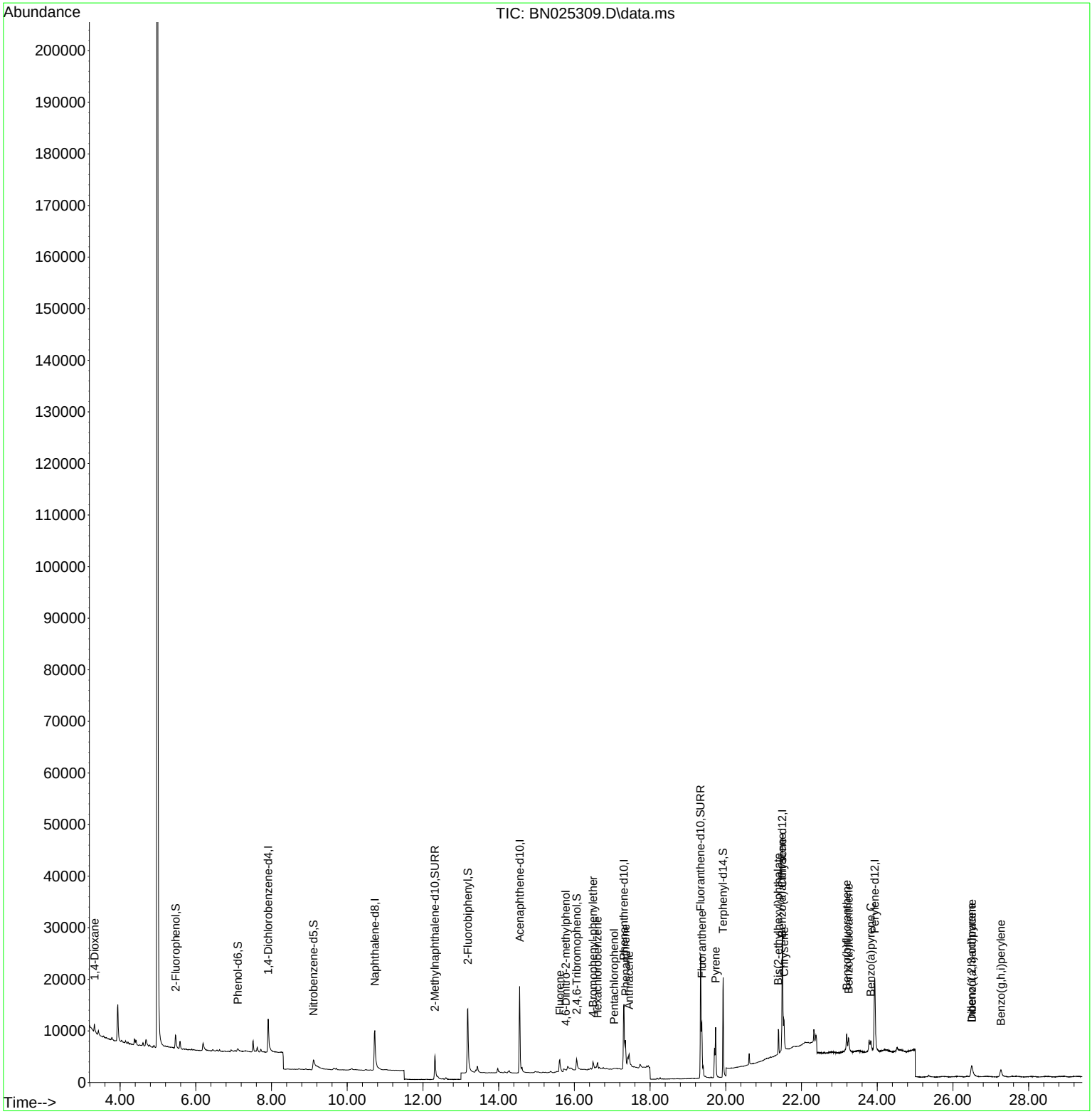
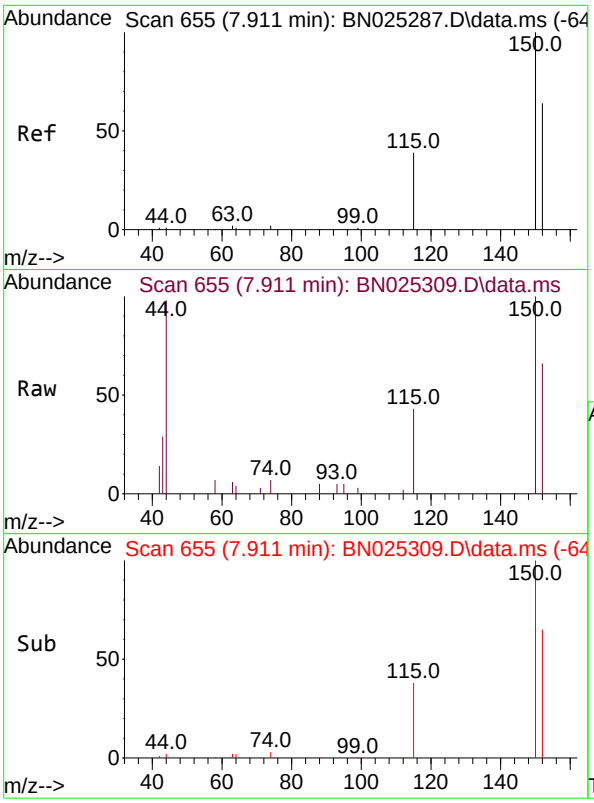


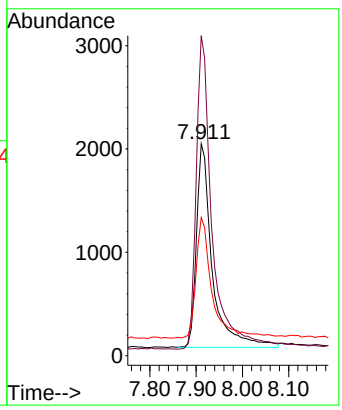


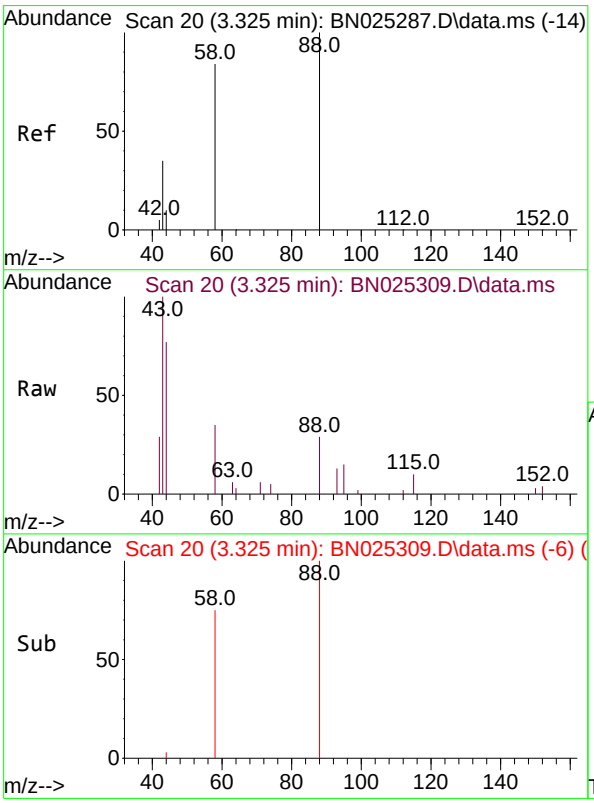
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.911 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:152 Resp: 4708

Ion	Ratio	Lower	Upper
152	100		
150	151.1	123.8	185.8
115	65.2	52.9	79.3

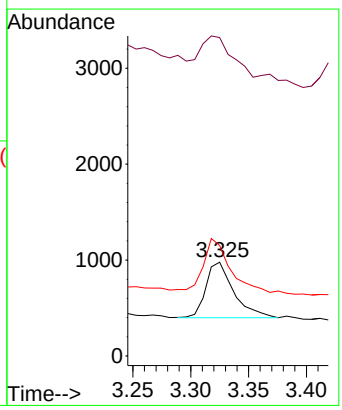


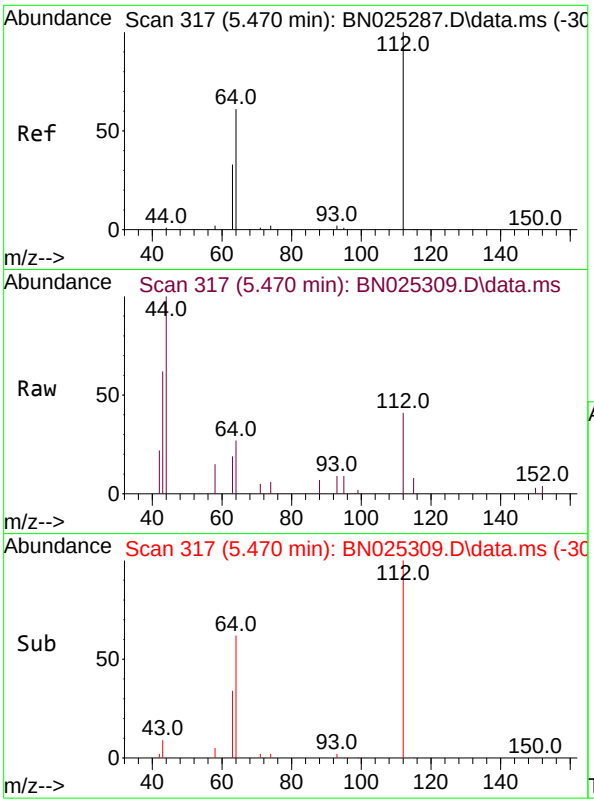


#2
1,4-Dioxane
Concen: 0.196 ng
RT: 3.325 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion: 88 Resp: 967

Ion	Ratio	Lower	Upper
88	100		
43	102.5	37.2	55.8#
58	94.9	71.5	107.3



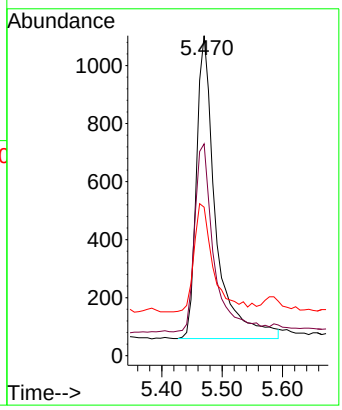


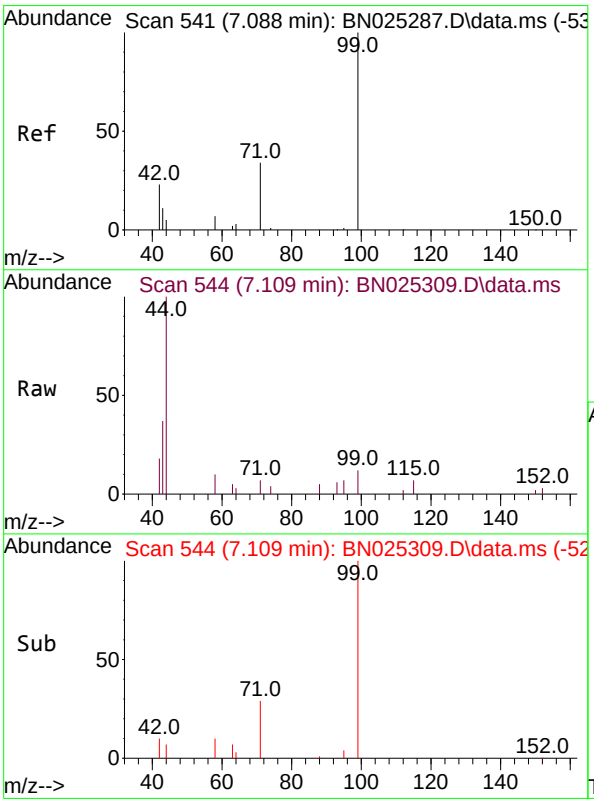
#4
2-Fluorophenol
Concen: 0.202 ng
RT: 5.470 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:112 Resp: 2316

Ion	Ratio	Lower	Upper
112	100		
64	62.3	51.5	77.3
63	36.4	27.8	41.6

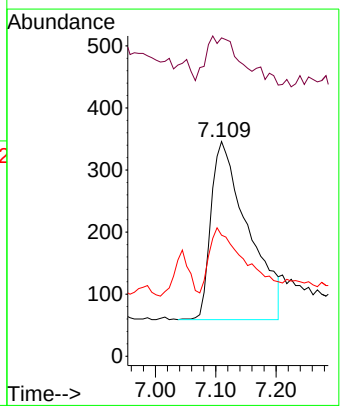


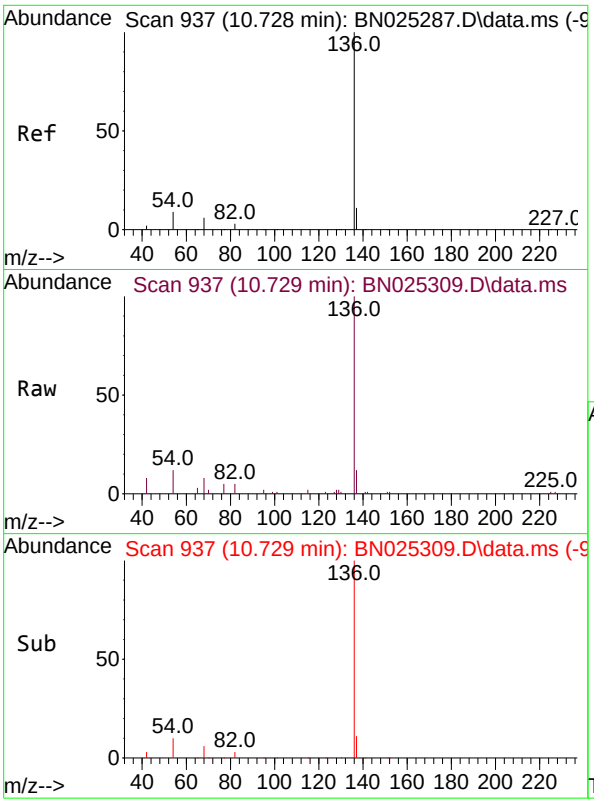


#5
Phenol-d6
Concen: 0.085 ng
RT: 7.109 min Scan# 544
Delta R.T. 0.022 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion: 99 Resp: 1226

Ion	Ratio	Lower	Upper
99	100		
42	8.2	22.0	33.0#
71	35.0	28.7	43.1



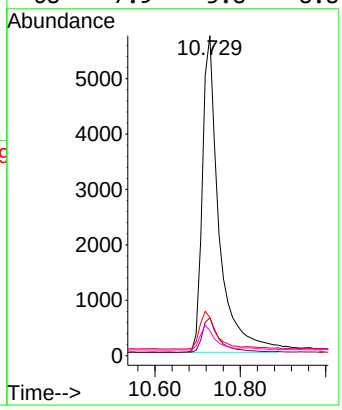


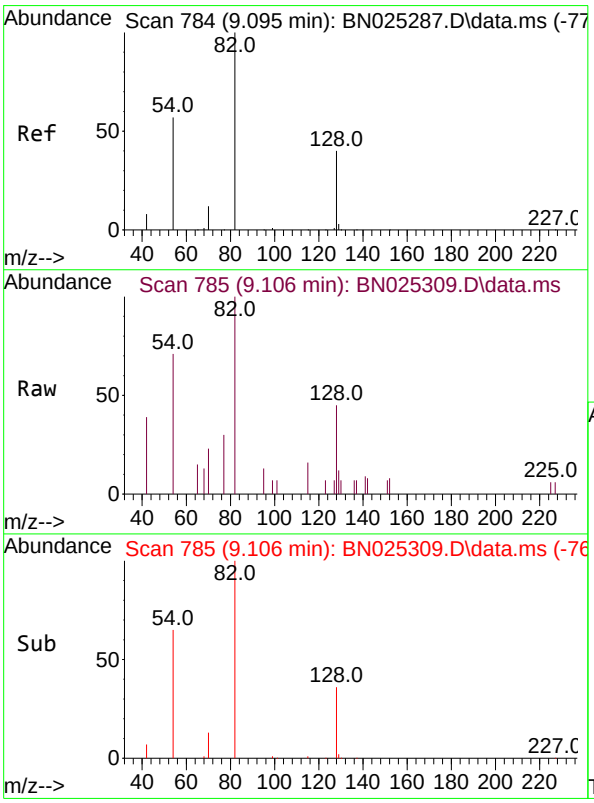
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.729 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:136 Resp: 15565

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.2
54	12.0	8.5	12.7
68	7.9	5.8	8.8

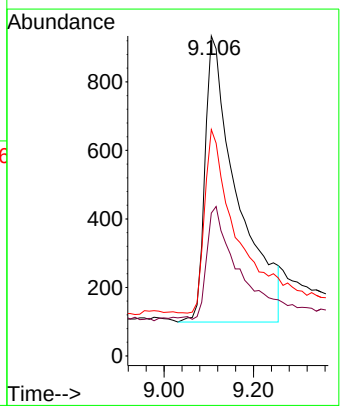


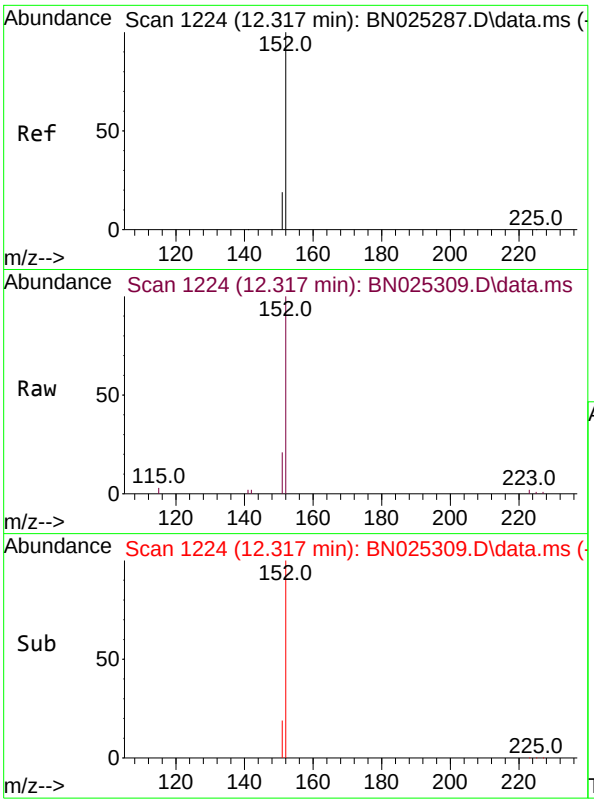


#8
Nitrobenzene-d5
Concen: 0.328 ng
RT: 9.106 min Scan# 785
Delta R.T. 0.011 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion: 82 Resp: 4196

Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.3	52.9
54	70.8	48.7	73.1



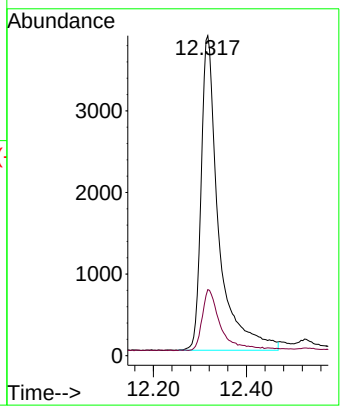


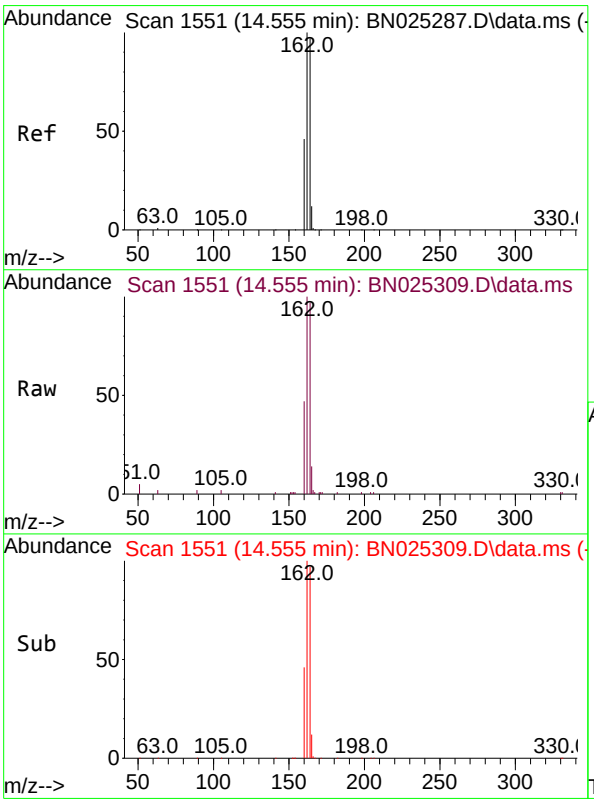
#11
2-Methylnaphthalene-d10
Concen: 0.473 ng
RT: 12.317 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:152 Resp: 10071

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.4	24.6

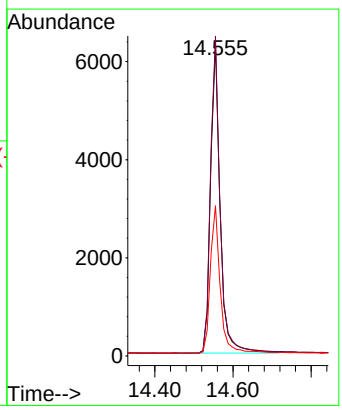


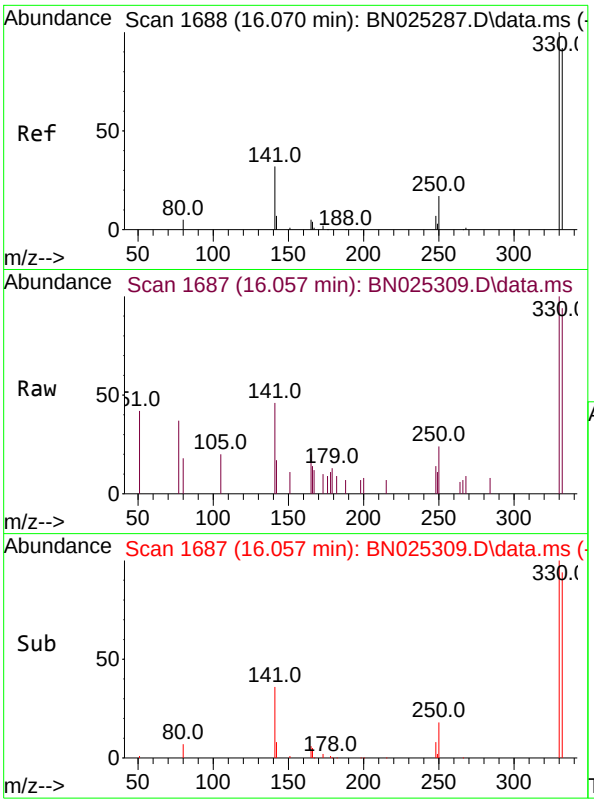


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.555 min Scan# 1551
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:164 Resp: 10849

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.1	123.1
160	48.2	38.3	57.5



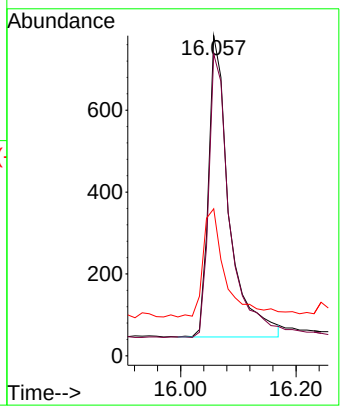


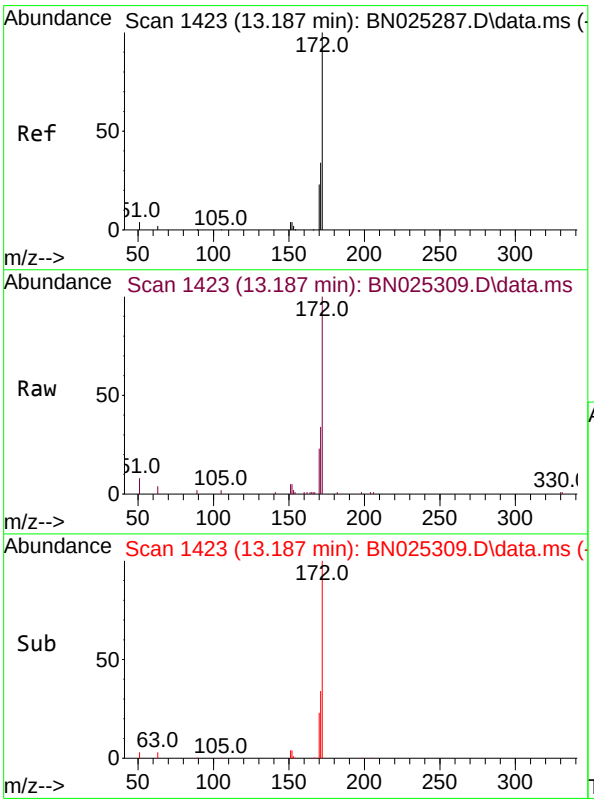
#14
2,4,6-Tribromophenol
Concen: 0.331 ng
RT: 16.057 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:330 Resp: 1834

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.0
141	38.6	28.9	43.3

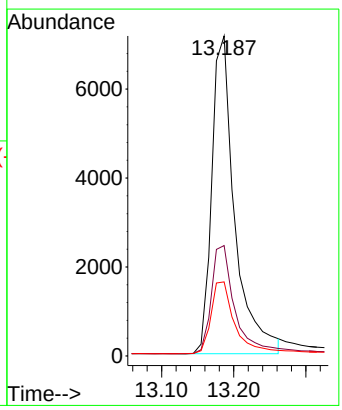


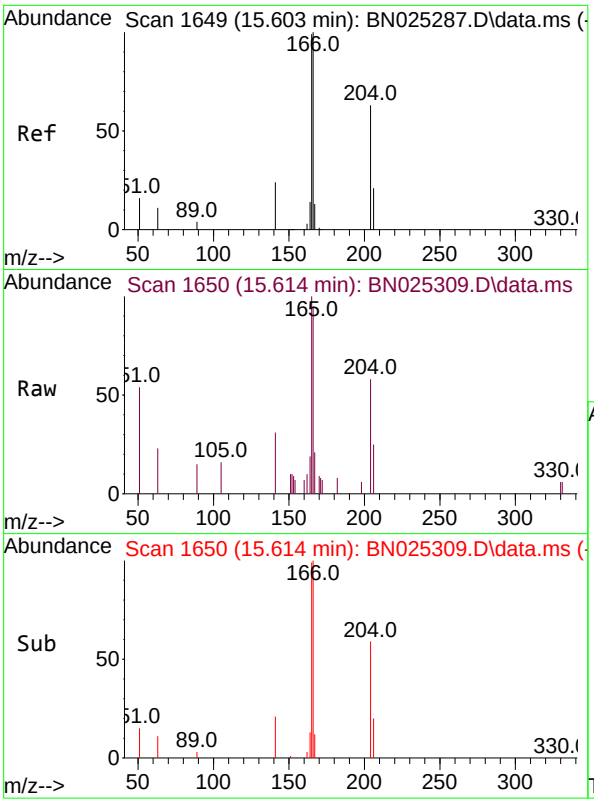


#15
2-Fluorobiphenyl
Concen: 0.425 ng
RT: 13.187 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:172 Resp: 15795

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.9	41.9
170	23.2	19.0	28.4



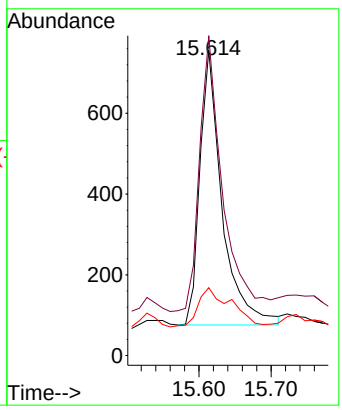


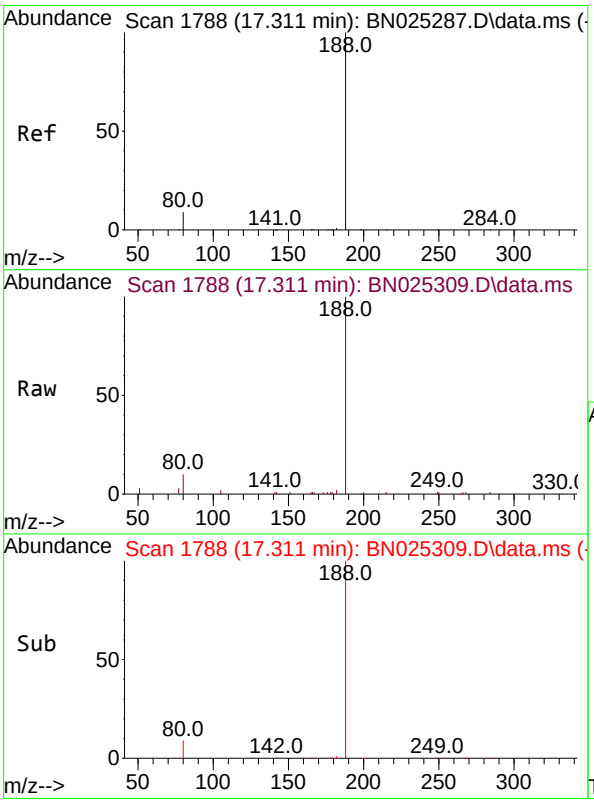
#18
Fluorene
Concen: 0.035 ng
RT: 15.614 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:166 Resp: 1452

Ion	Ratio	Lower	Upper
166	100		
165	104.3	79.0	118.4
167	21.3	10.3	15.5#

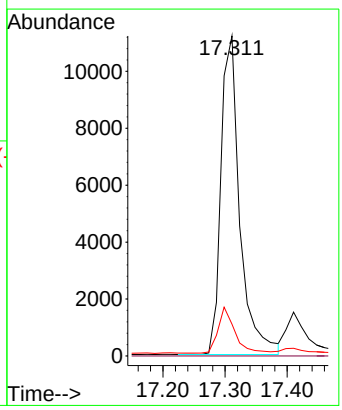


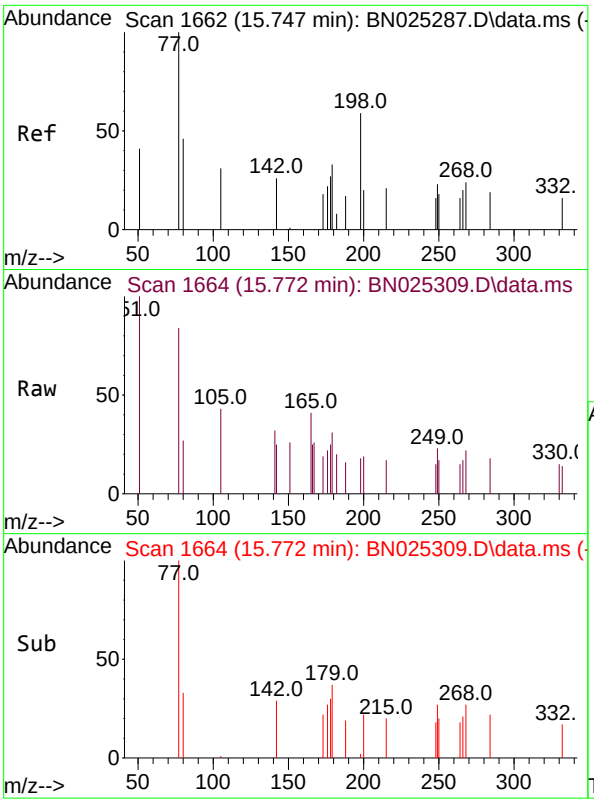


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.311 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:188 Resp: 23488

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	8.0	12.0



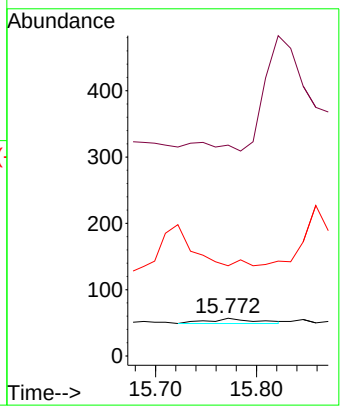


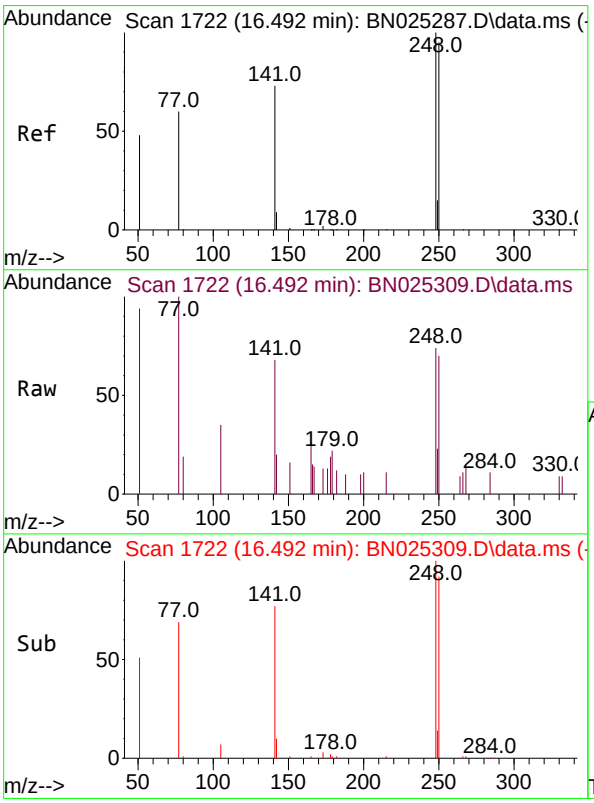
#20
4,6-Dinitro-2-methylphenol
Concen: 0.285 ng
RT: 15.772 min Scan# 1
Delta R.T. 0.025 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:198 Resp: 25

Ion	Ratio	Lower	Upper
198	100		
51	557.9	162.1	243.1#
105	238.6	83.1	124.7#

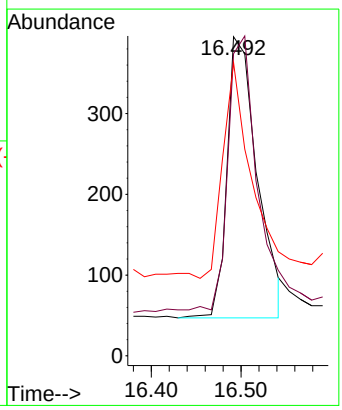


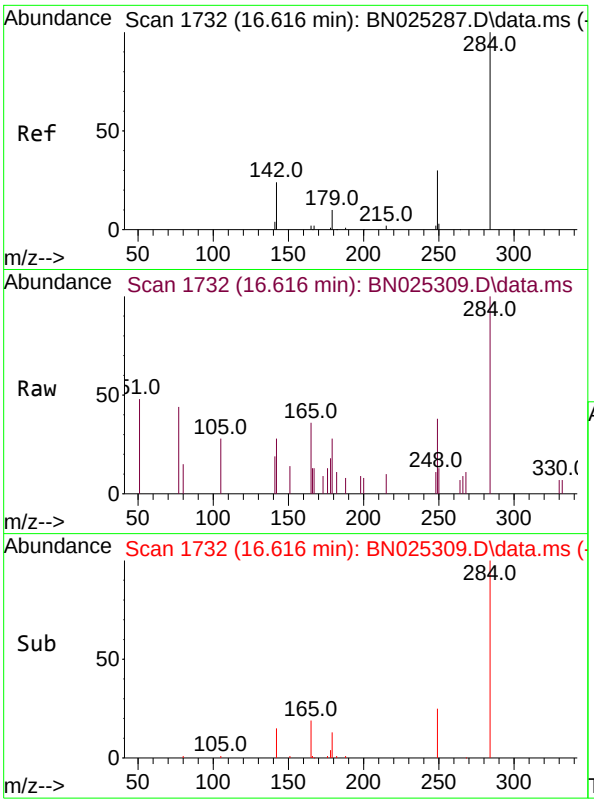


#21
4-Bromophenyl-phenylether
Concen: 0.062 ng
RT: 16.492 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:248 Resp: 816

Ion	Ratio	Lower	Upper
248	100		
250	94.7	76.0	114.0
141	91.9	59.9	89.9#



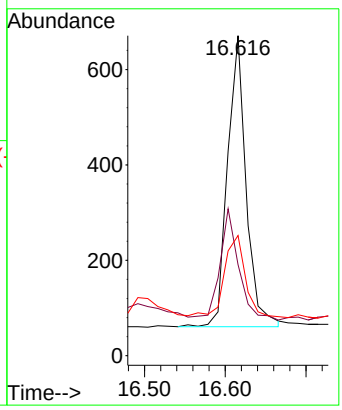


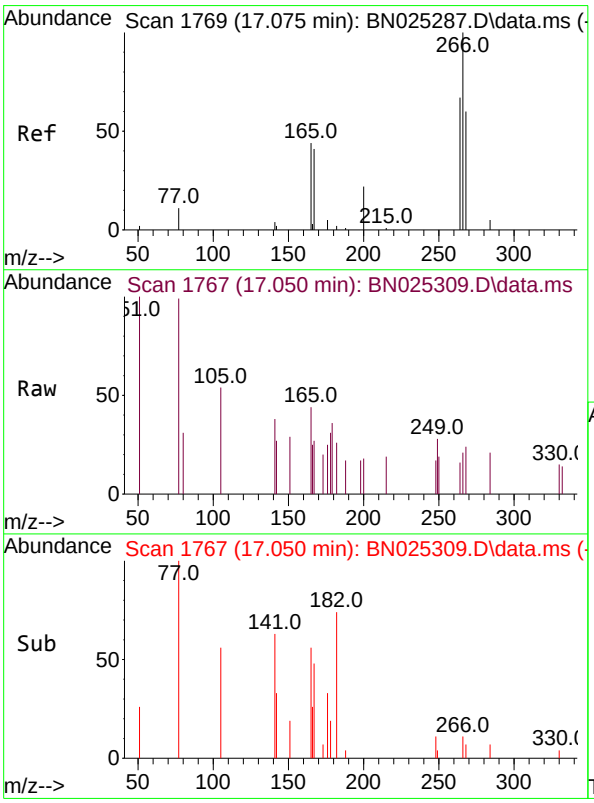
#22
Hexachlorobenzene
Concen: 0.069 ng
RT: 16.616 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:284 Resp: 975

Ion	Ratio	Lower	Upper
284	100		
142	38.8	30.0	45.0
249	30.9	25.0	37.6

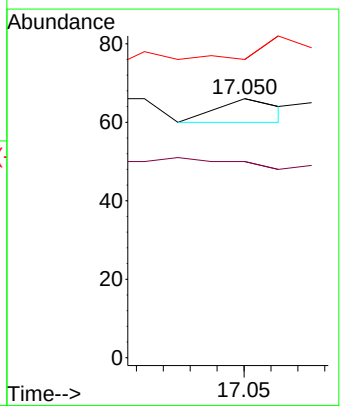


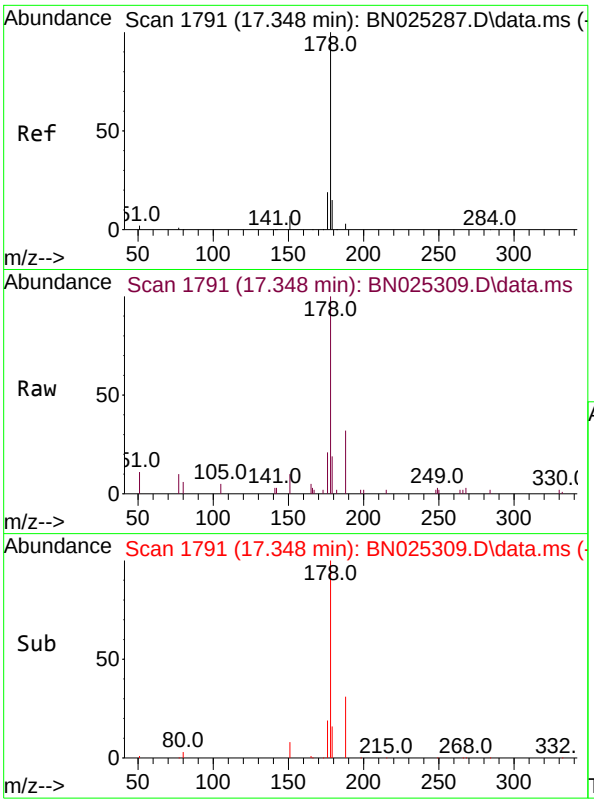


#24
Pentachlorophenol
Concen: 0.268 ng
RT: 17.050 min Scan# 1767
Delta R.T. -0.025 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:266 Resp: 10

Ion	Ratio	Lower	Upper
266	100		
264	0.0	43.0	64.4#
268	110.0	47.4	71.2#



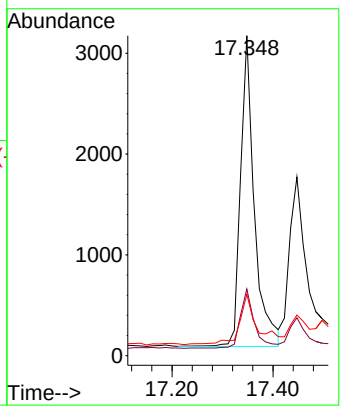


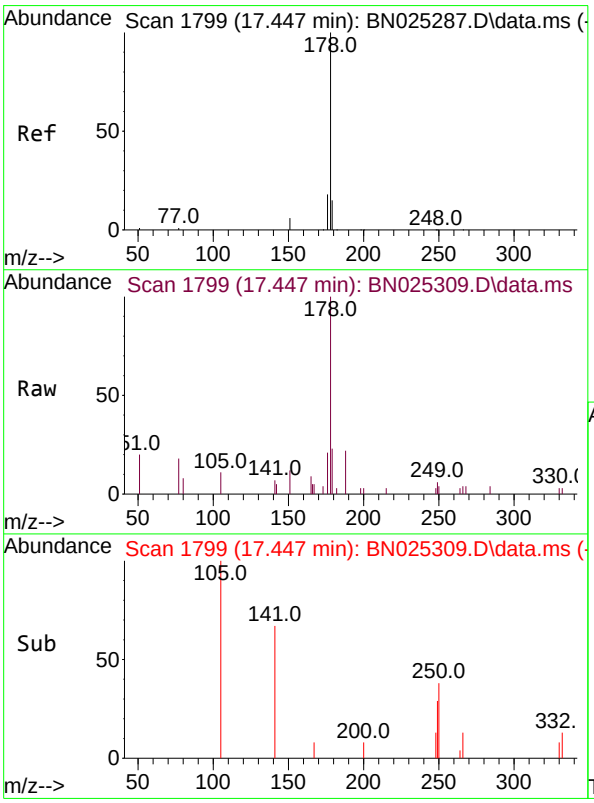
#25
Phenanthrene
Concen: 0.090 ng
RT: 17.348 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:178 Resp: 5875

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	21.5	12.4	18.6#

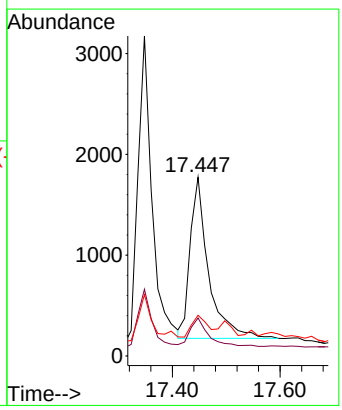


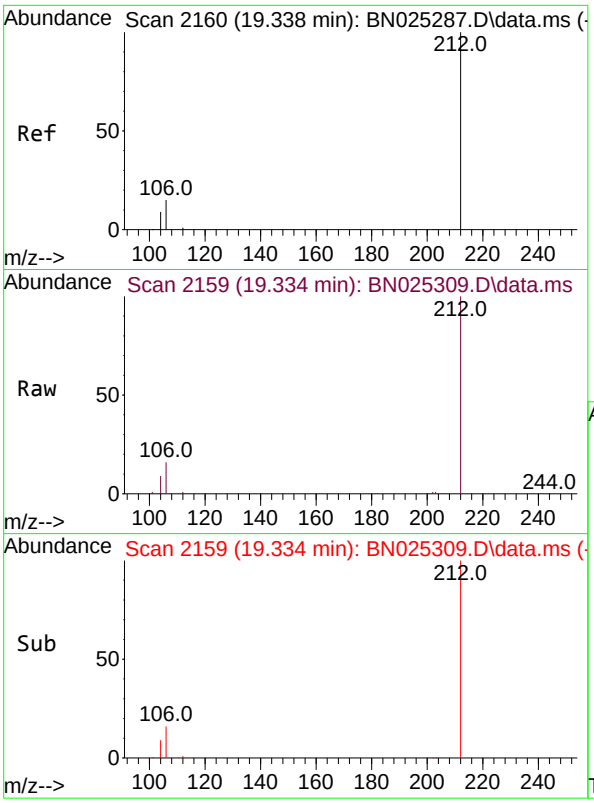


#26
Anthracene
Concen: 0.062 ng
RT: 17.447 min Scan# 1799
Delta R.T. 0.000 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:178 Resp: 3803

Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.9	22.3
179	11.0	12.0	18.0#



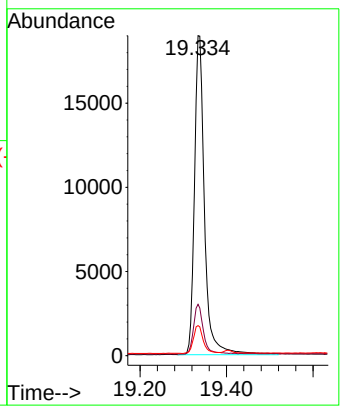


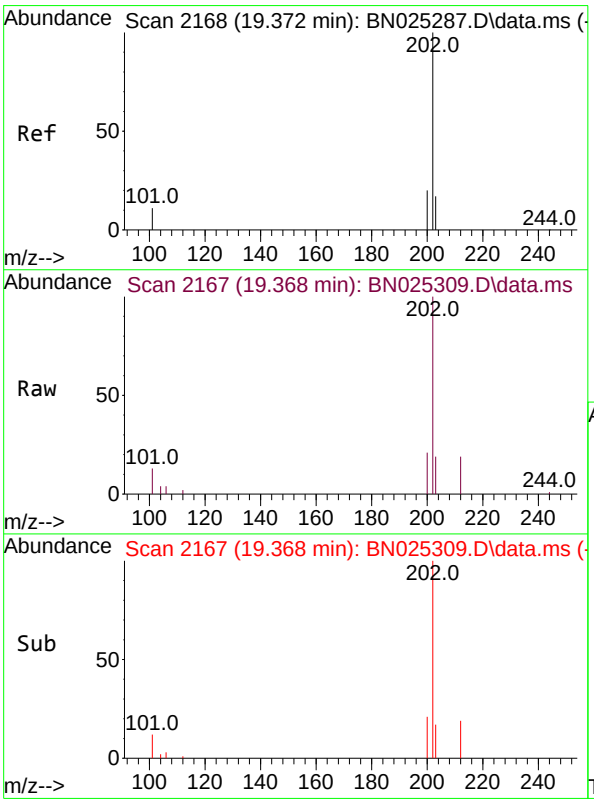
#27
Fluoranthene-d10
Concen: 0.525 ng
RT: 19.334 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:212 Resp: 30494

Ion	Ratio	Lower	Upper
212	100		
106	15.3	12.6	19.0
104	8.5	7.0	10.6

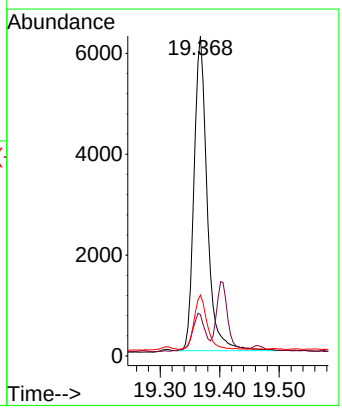


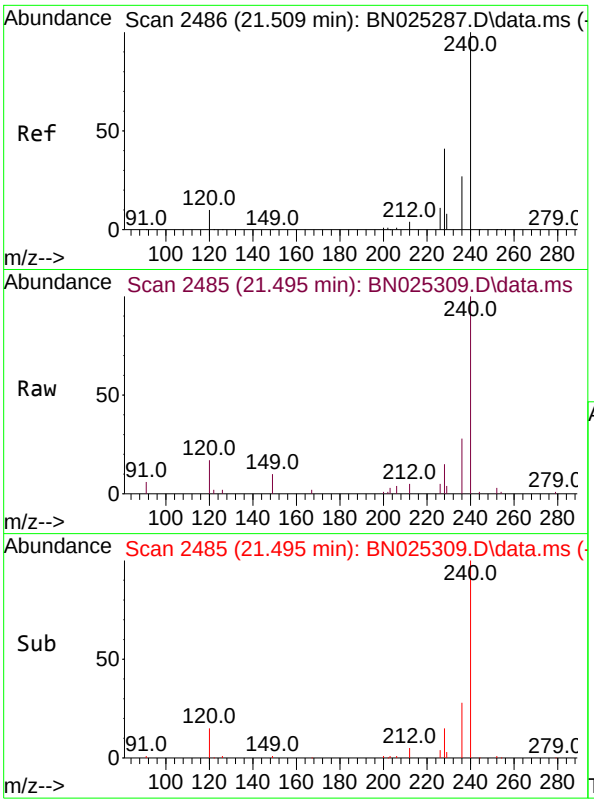


#28
Fluoranthene
Concen: 0.118 ng
RT: 19.368 min Scan# 2167
Delta R.T. -0.004 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:202 Resp: 9582

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.8	14.8
203	17.2	13.5	20.3



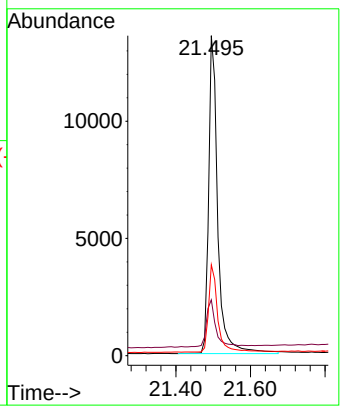


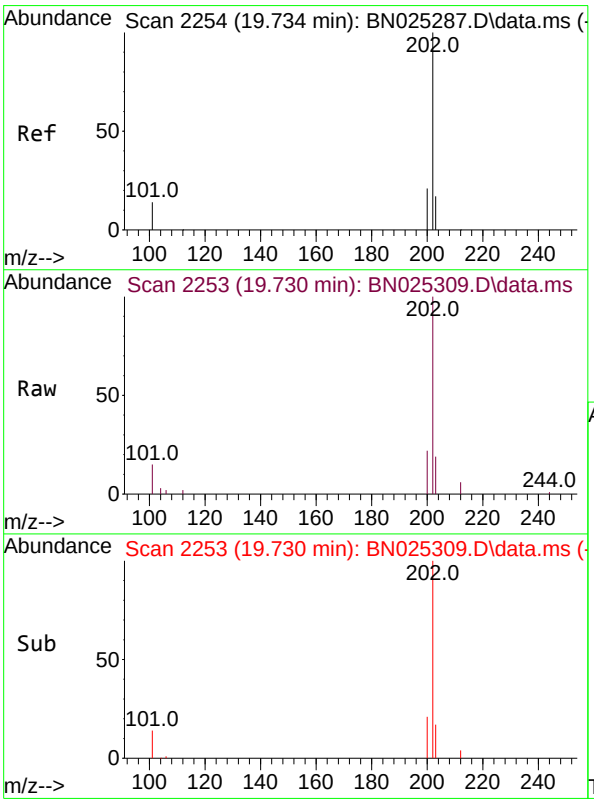
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.495 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:240 Resp: 22920

Ion	Ratio	Lower	Upper
240	100		
120	17.5	10.3	15.5#
236	28.4	22.3	33.5

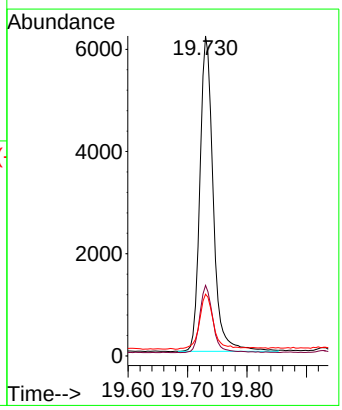


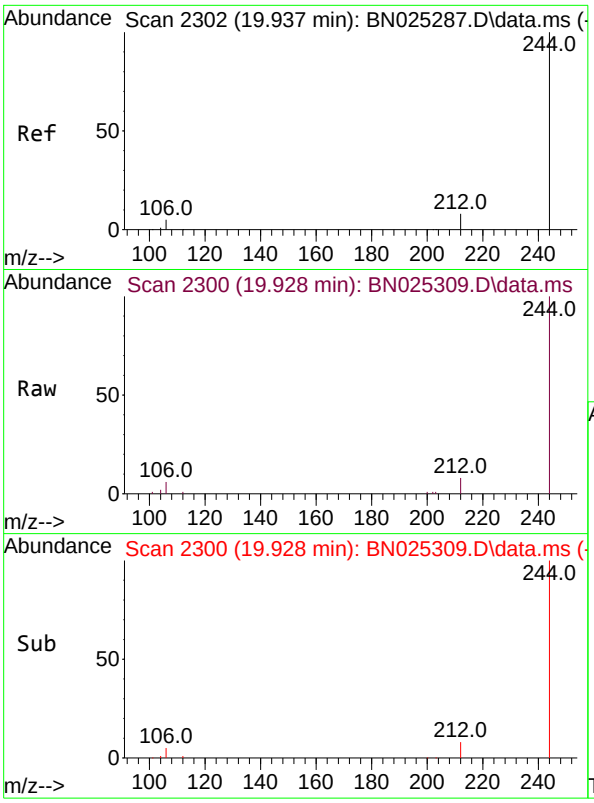


#30
Pyrene
Concen: 0.122 ng
RT: 19.730 min Scan# 2253
Delta R.T. -0.004 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:202 Resp: 9585

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.8	25.2
203	18.6	14.4	21.6



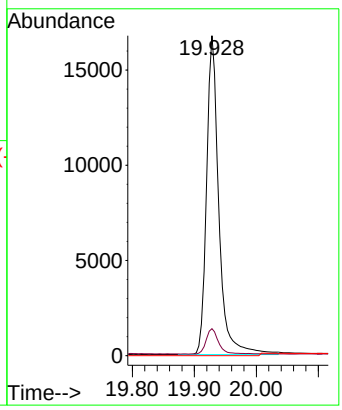


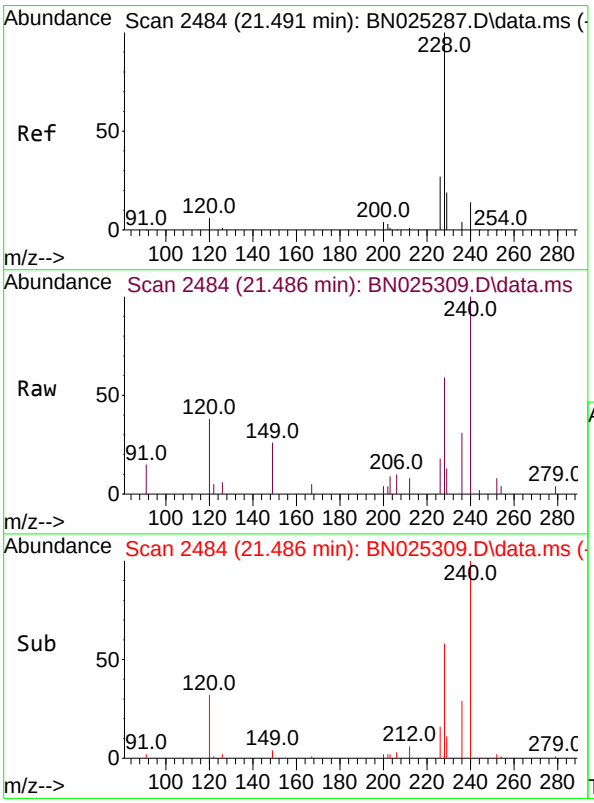
#31
Terphenyl-d14
Concen: 0.545 ng
RT: 19.928 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:244 Resp: 25176

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.1	10.7
122	0.0	0.0	0.0

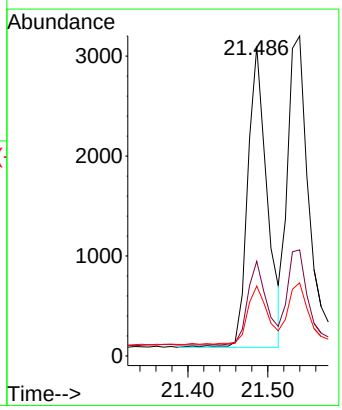


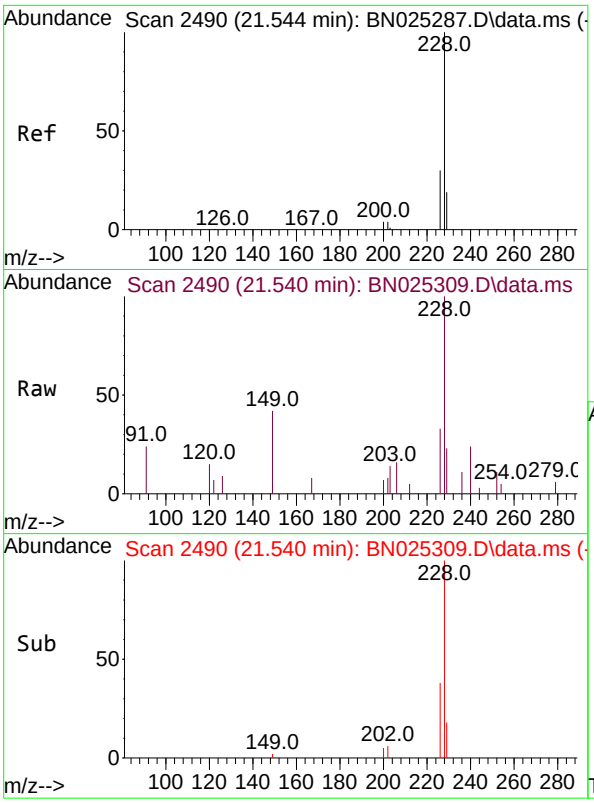


#32
Benzo(a)anthracene
Concen: 0.065 ng
RT: 21.486 min Scan# 2484
Delta R.T. -0.005 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:228 Resp: 5045

Ion	Ratio	Lower	Upper
228	100		
226	30.6	22.5	33.7
229	22.6	16.2	24.2



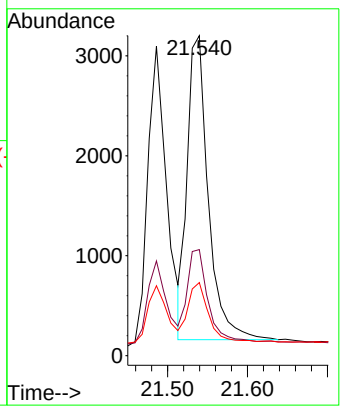


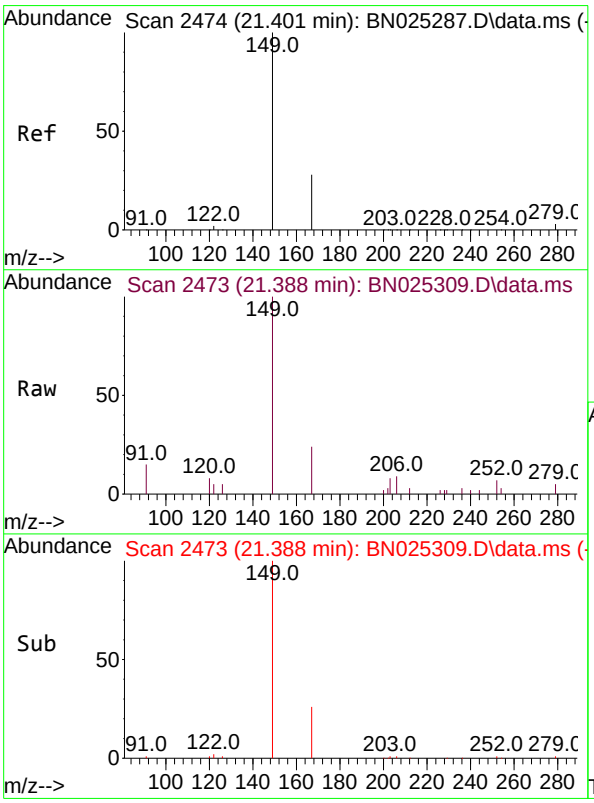
#33
Chrysene
Concen: 0.072 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:228 Resp: 5556

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.6	36.8
229	22.9	16.2	24.4

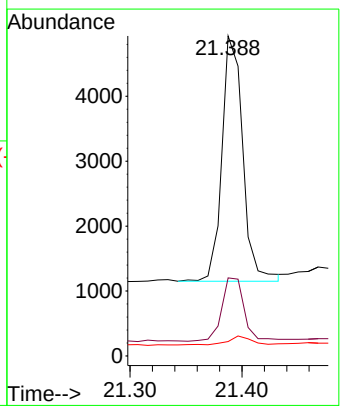


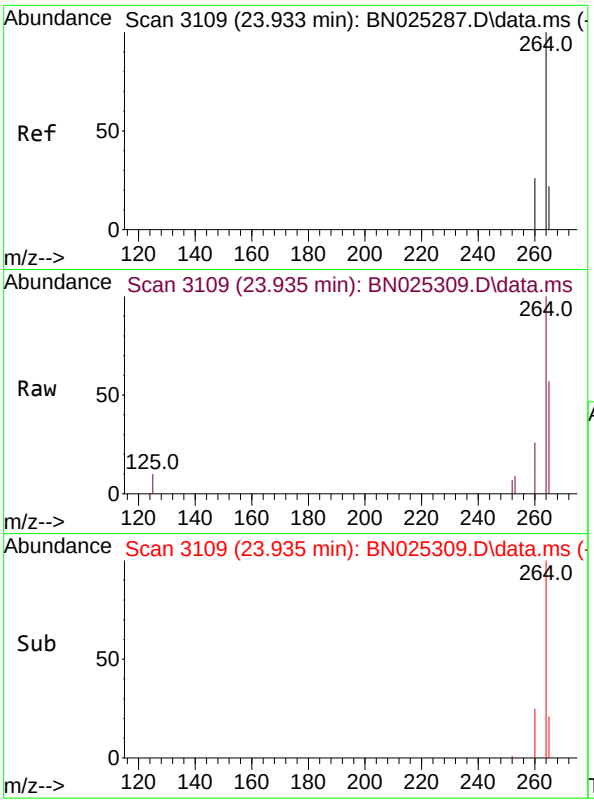


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.081 ng
RT: 21.388 min Scan# 2473
Delta R.T. -0.014 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:149 Resp: 4896

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.9	2.6	4.0#



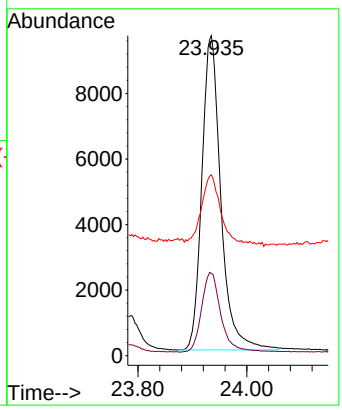


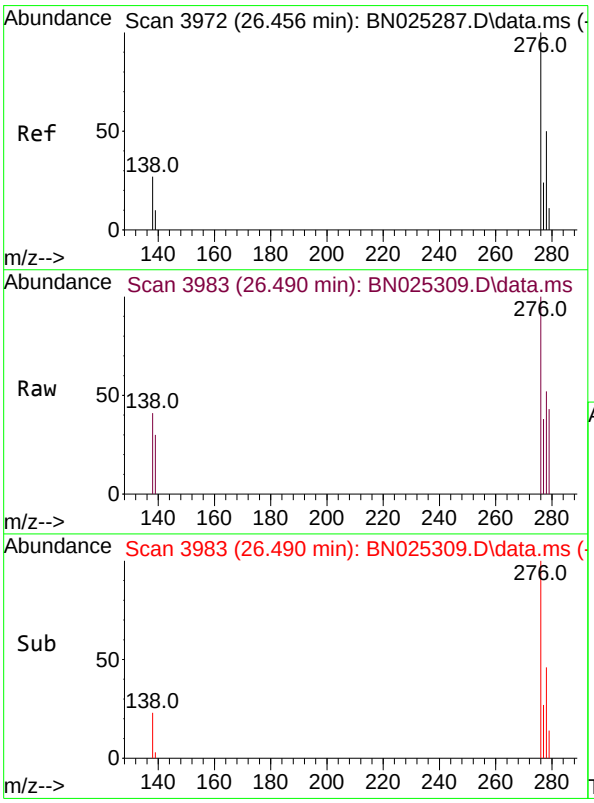
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.935 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:264 Resp: 23192

Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.5	32.3
265	56.5	46.2	69.4

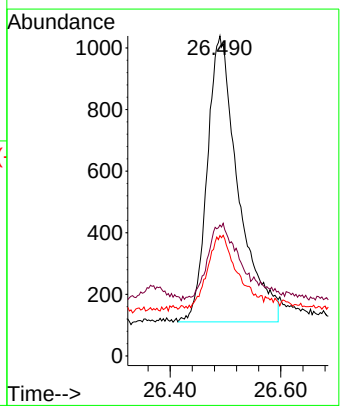


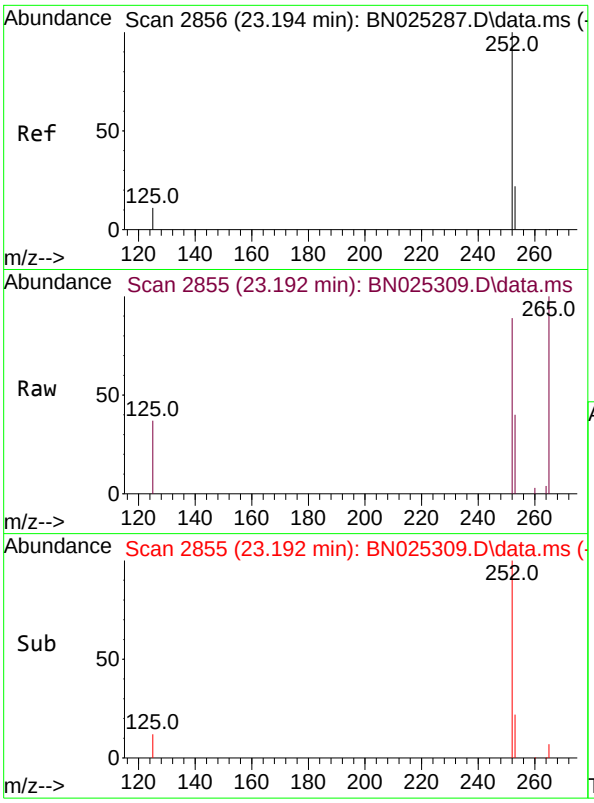


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.039 ng
RT: 26.490 min Scan# 3983
Delta R.T. 0.034 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:276 Resp: 3619

Ion	Ratio	Lower	Upper
276	100		
138	26.2	22.5	33.7
277	24.5	19.8	29.6



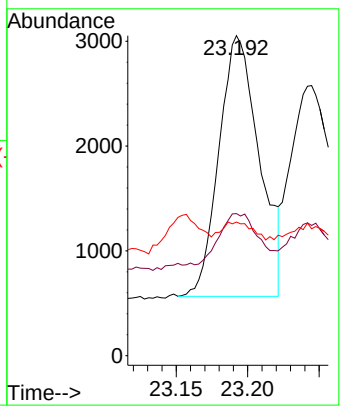


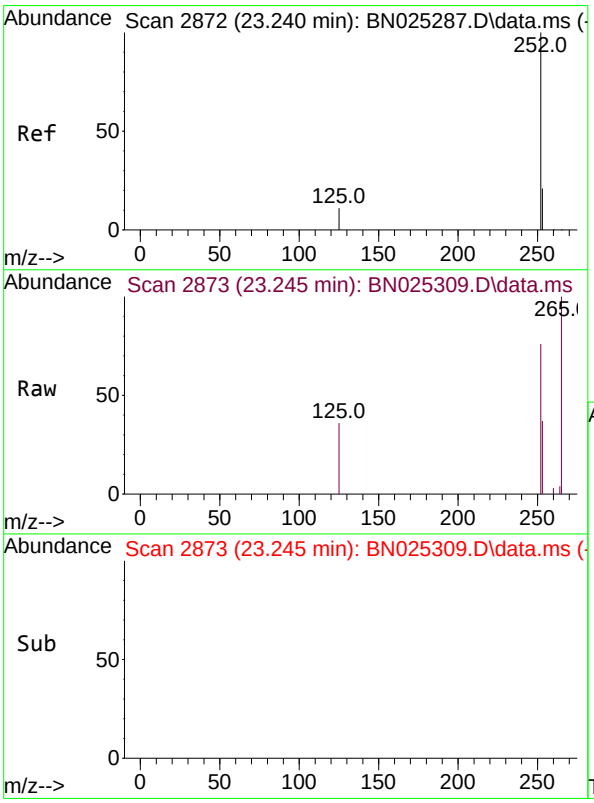
#37
Benzo(b)fluoranthene
Concen: 0.067 ng
RT: 23.192 min Scan# 2
Delta R.T. -0.002 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:252 Resp: 4891

Ion	Ratio	Lower	Upper
252	100		
253	44.4	20.8	31.2#
125	41.7	13.4	20.2#

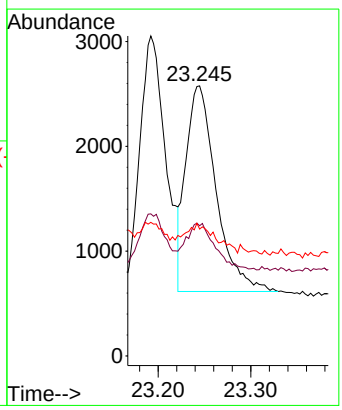


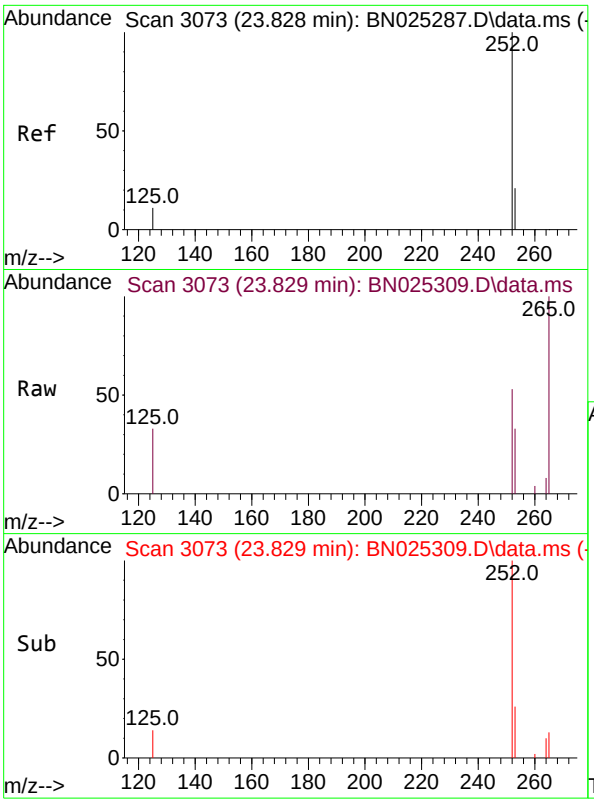


#38
Benzo(k)fluoranthene
Concen: 0.058 ng
RT: 23.245 min Scan# 2873
Delta R.T. 0.004 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:252 Resp: 4462

Ion	Ratio	Lower	Upper
252	100		
253	48.2	20.6	30.8#
125	47.0	13.1	19.7#



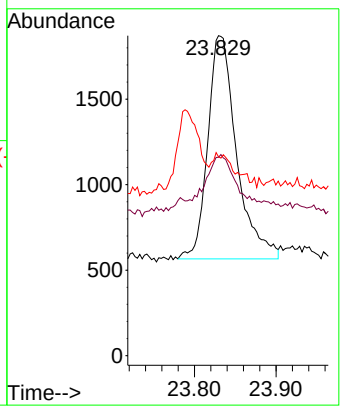


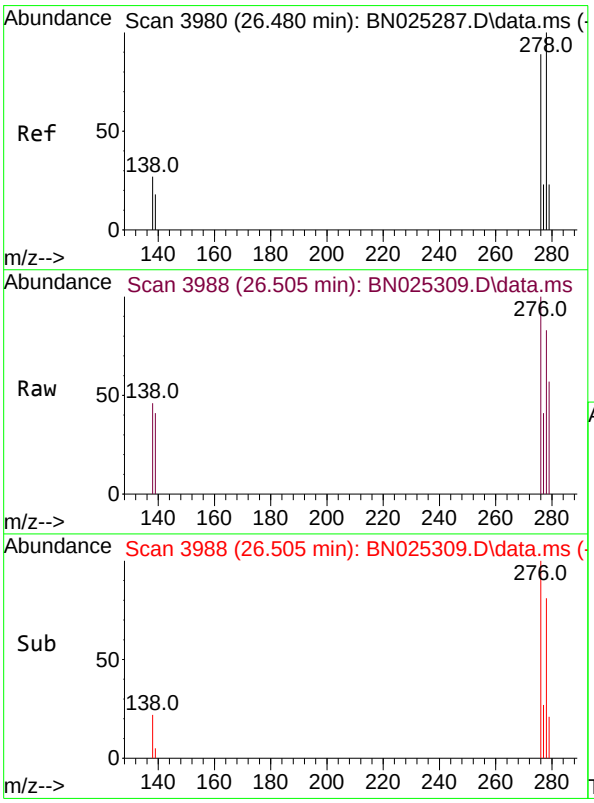
#39
Benzo(a)pyrene
Concen: 0.043 ng
RT: 23.829 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:252 Resp: 3205

Ion	Ratio	Lower	Upper
252	100		
253	62.0	21.4	32.0#
125	62.2	15.4	23.2#

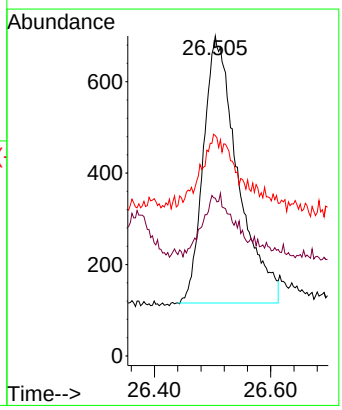


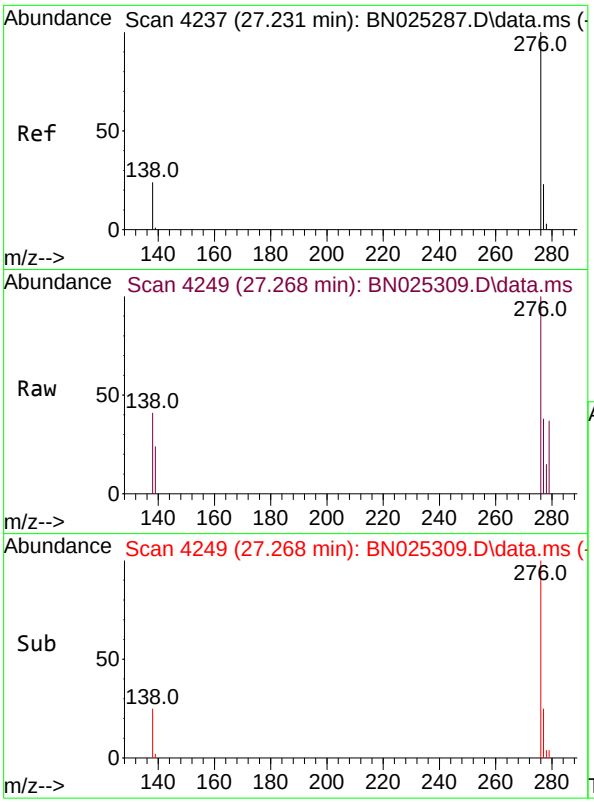


#40
Dibenzo(a,h)anthracene
Concen: 0.033 ng
RT: 26.505 min Scan# 3988
Delta R.T. 0.025 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Tgt Ion:278 Resp: 2398

Ion	Ratio	Lower	Upper
278	100		
139	49.3	17.6	26.4#
279	68.9	21.6	32.4#





#41
Benzo(g,h,i)perylene
Concen: 0.038 ng
RT: 27.268 min Scan# 4
Delta R.T. 0.036 min
Lab File: BN025309.D
Acq: 06 May 2023 11:11

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10-MW01S-GW-20230427

Tgt Ion:276 Resp: 3086

Ion	Ratio	Lower	Upper
276	100		
277	38.0	20.1	30.1#
138	40.9	21.0	31.6#