Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025749.D
Acq On : 31 May 2023 21:09
Operator : CG/JU
Sample : PB152465BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Quant Time: Jun 01 01:23:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6808	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	17502	0.400	ng	0.01
13) Acenaphthene-d10	14.641	164	9117	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	15123	0.400	ng	0.01
29) Chrysene-d12	21.569	240	6571	0.400	ng	# 0.00
35) Perylene-d12	24.051	264	6193	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	6087	0.318	ng	0.00
5) Phenol-d6	7.174	99	5955	0.253	ng	0.01
8) Nitrobenzene-d5	9.202	82	4721	0.290	ng	0.03
11) 2-Methylnaphthalene-d10	12.423	152	9058	0.359	ng	0.02
14) 2,4,6-Tribromophenol	16.152	330	518	0.184	ng	0.01
15) 2-Fluorobiphenyl	13.283	172	12663	0.329	ng	0.01
27) Fluoranthene-d10	19.416	212	11168	0.359	ng	0.00
31) Terphenyl-d14	20.006	244	6451	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	7	0.001	ng	# 1
3) n-Nitrosodimethylamine	3.744	42	7	0.001	ng	# 1
6) bis(2-Chloroethyl)ether	7.413	93	17	0.001	ng	# 23
9) Naphthalene	10.878	128	348	0.007	ng	# 30
10) Hexachlorobutadiene	11.188	225	3	0.000	ng	# 95
12) 2-Methylnaphthalene	12.498	142	36	0.001	ng	# 33
16) Acenaphthylene	14.384	152	12	0.000	ng	# 62
17) Acenaphthene	14.715	154	20	0.001	ng	# 43
18) Fluorene	15.718	166	47	0.001	ng	# 72
20) 4,6-Dinitro-2-methylph...	15.780	198	4	0.001	ng	# 1
21) 4-Bromophenyl-phenylether	16.574	248	5	0.001	ng	# 49
22) Hexachlorobenzene	16.673	284	29	0.004	ng	# 19
23) Atrazine	16.822	200	5	0.001	ng	# 1
24) Pentachlorophenol	17.058	266	4	0.001	ng	# 33
25) Phenanthrene	17.443	178	150	0.003	ng	# 69
26) Anthracene	17.530	178	39	0.001	ng	# 38
28) Fluoranthene	19.444	202	39	0.001	ng	# 70
30) Pyrene	19.816	202	54	0.001	ng	# 88
32) Benzo(a)anthracene	21.569	228	37	0.001	ng	# 1
33) Chrysene	21.614	228	19	0.001	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.462	149	330	0.022	ng	# 91
36) Indeno(1,2,3-cd)pyrene	26.642	276	2	0.000	ng	# 1
37) Benzo(b)fluoranthene	23.309	252	6	0.000	ng	# 1
38) Benzo(k)fluoranthene	23.361	252	17	0.001	ng	# 1
39) Benzo(a)pyrene	23.943	252	11	0.000	ng	# 1
40) Dibenzo(a,h)anthracene	26.653	278	2	0.000	ng	# 1
41) Benzo(g,h,i)perylene	27.425	276	1	0.000	ng	# 1

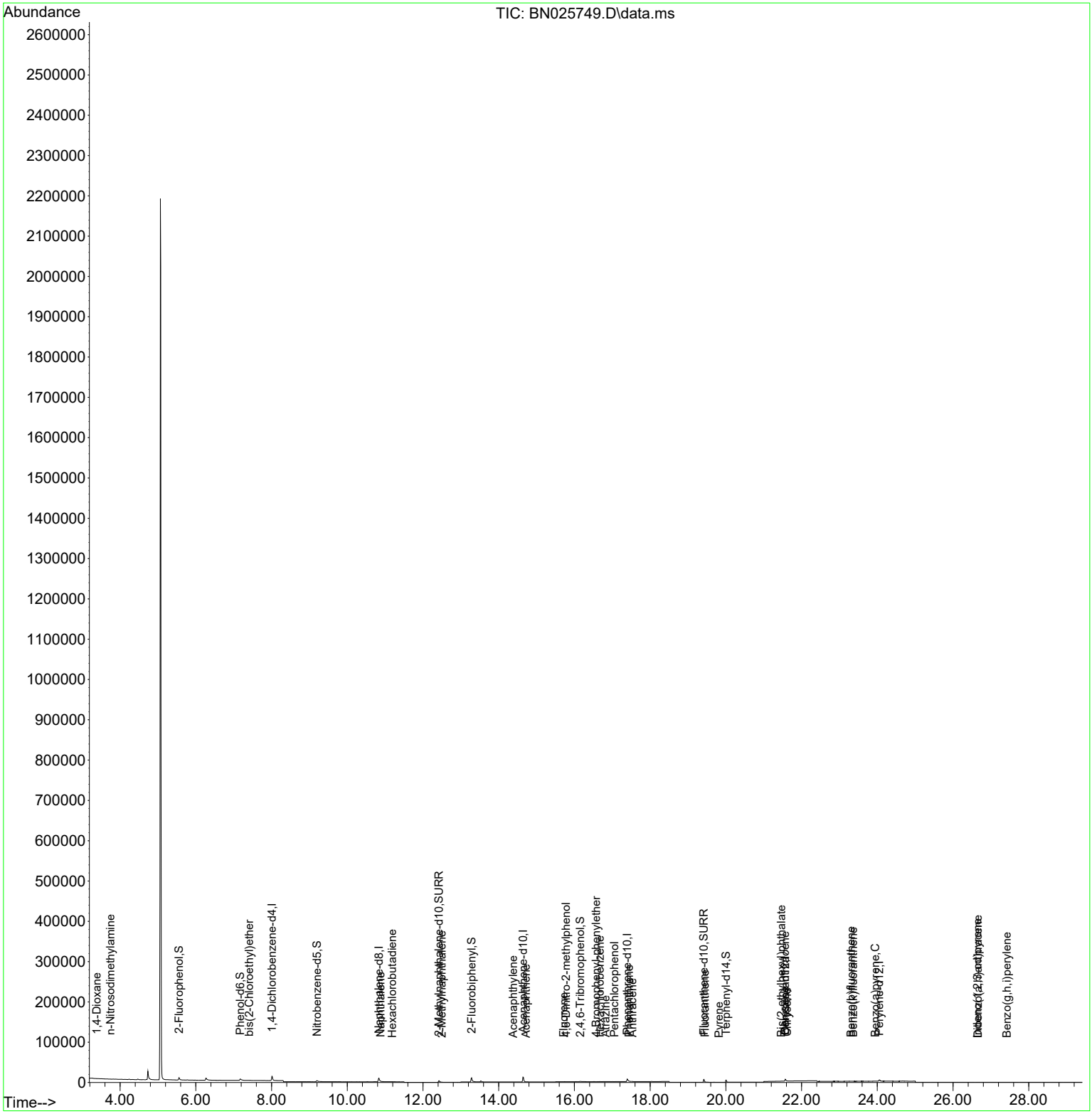
(#) = qualifier out of range (m) = manual integration (+) = signals summed

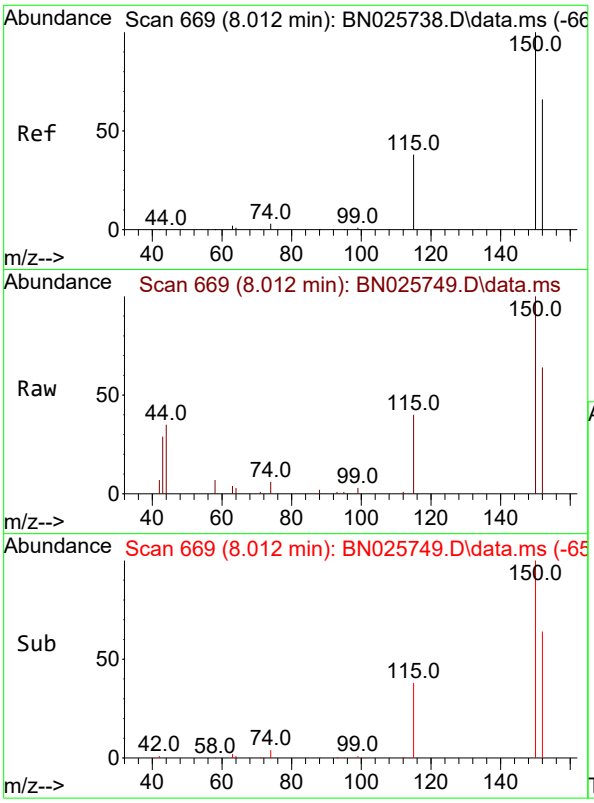
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053123\
Data File : BN025749.D
Acq On : 31 May 2023 21:09
Operator : CG/JU
Sample : PB152465BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Quant Time: Jun 01 01:23:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 01:04:04 2023
Response via : Initial Calibration



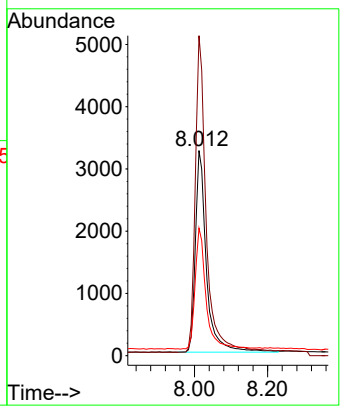


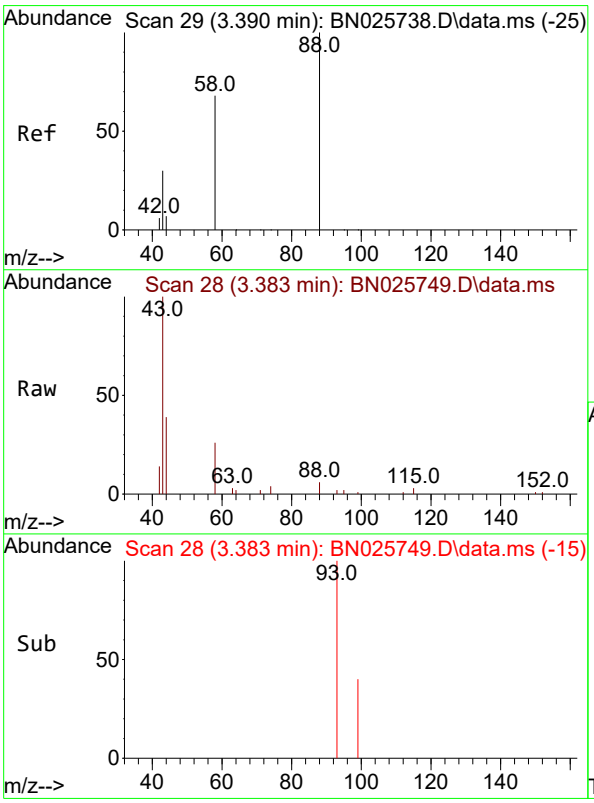
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:152 Resp: 6808

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.5	182.3
115	62.2	47.7	71.5

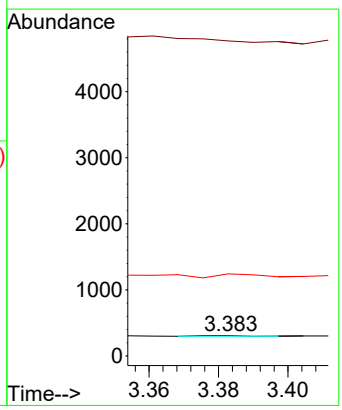


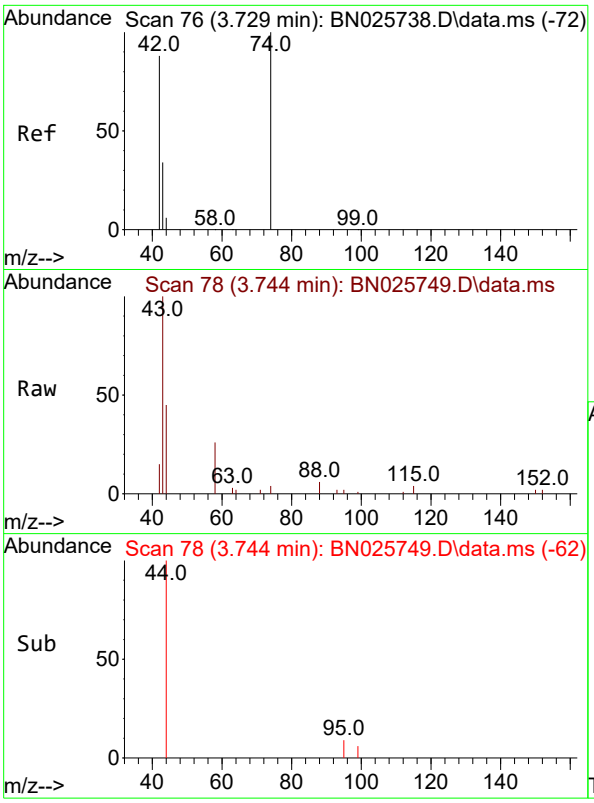


#2
1,4-Dioxane
Concen: 0.001 ng
RT: 3.383 min Scan# 28
Delta R.T. -0.007 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion: 88 Resp: 7

Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.0	46.4#
58	871.4	57.3	85.9#



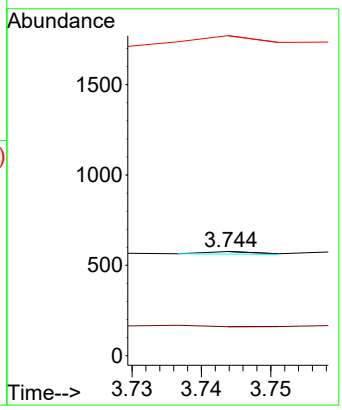


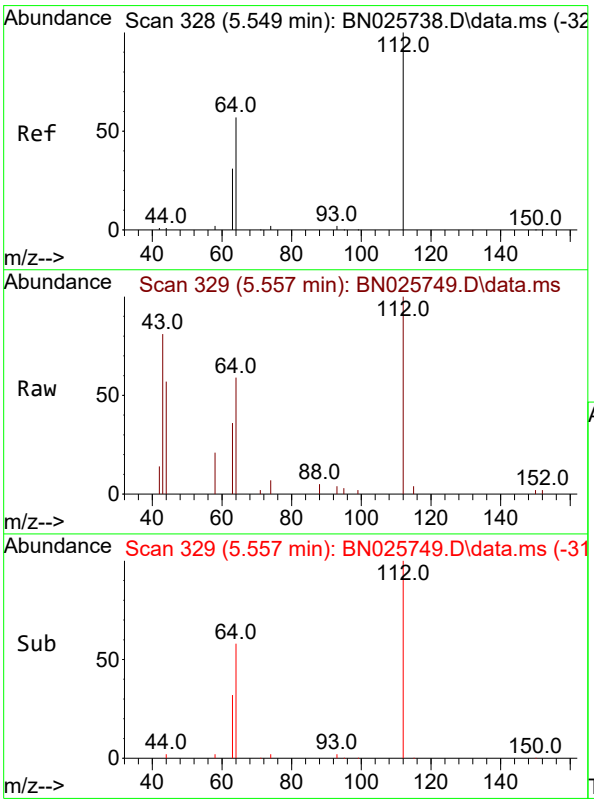
#3
n-Nitrosodimethylamine
Concen: 0.001 ng
RT: 3.744 min Scan# 7
Delta R.T. 0.014 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion: 42 Resp: 7

Ion	Ratio	Lower	Upper
42	100		
74	157.1	90.5	135.7#
44	1657.1	4.4	6.6#

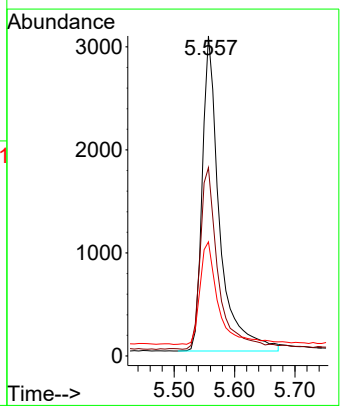


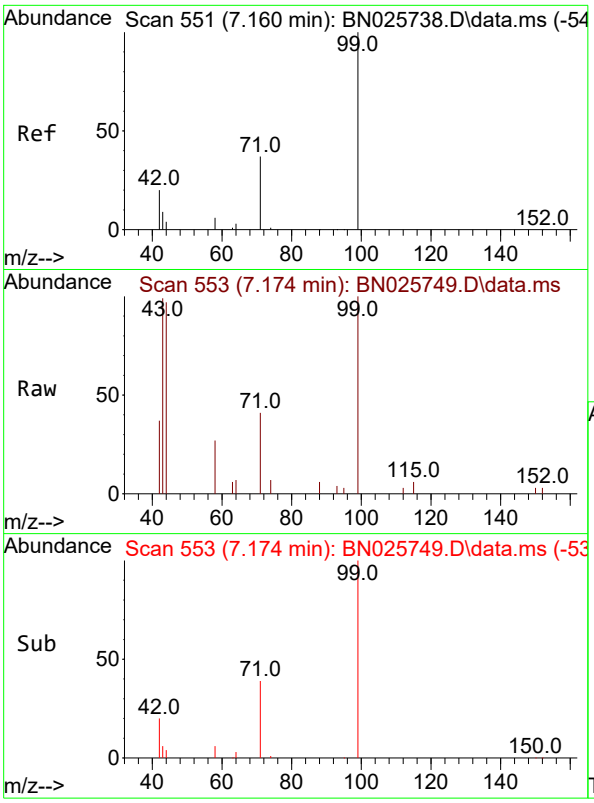


#4
2-Fluorophenol
Concen: 0.318 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.007 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:112 Resp: 6087

Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.5	71.3
63	34.5	26.2	39.4



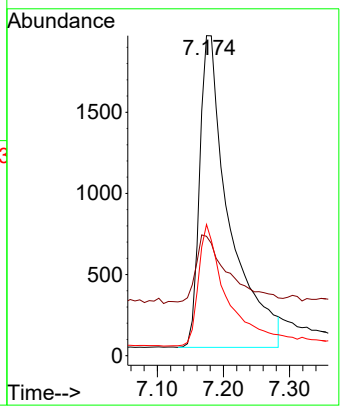


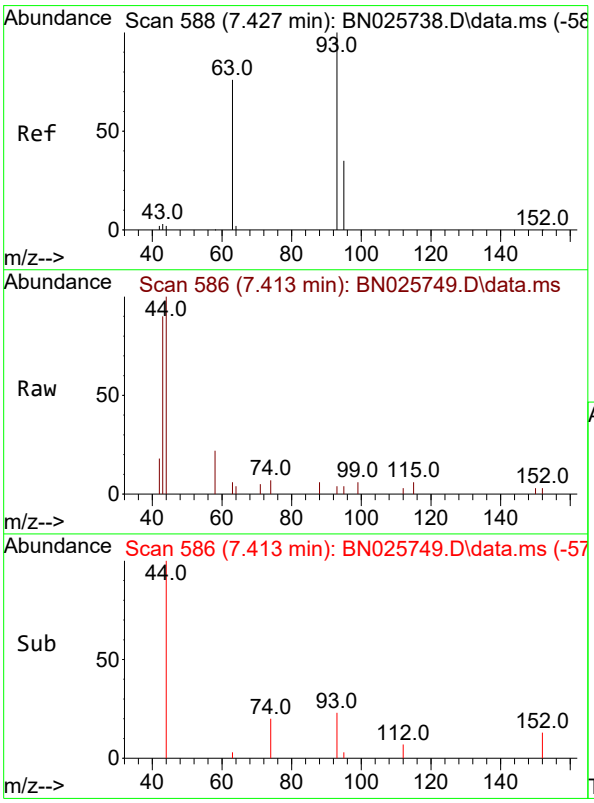
#5
Phenol-d6
Concen: 0.253 ng
RT: 7.174 min Scan# 5
Delta R.T. 0.014 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion: 99 Resp: 5955

Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.6	28.0
71	37.7	30.5	45.7

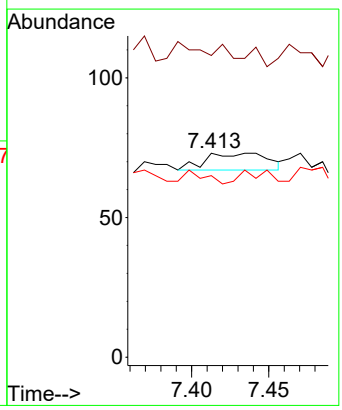


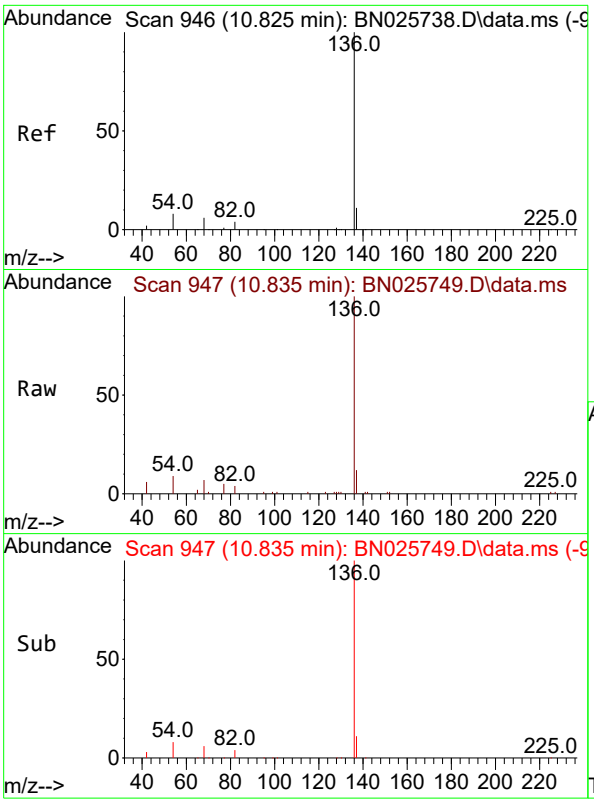


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.413 min Scan# 586
Delta R.T. -0.014 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion: 93 Resp: 17

Ion	Ratio	Lower	Upper
93	100		
63	0.0	56.4	84.6#
95	0.0	24.6	37.0#



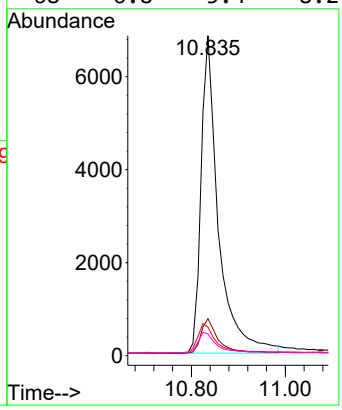


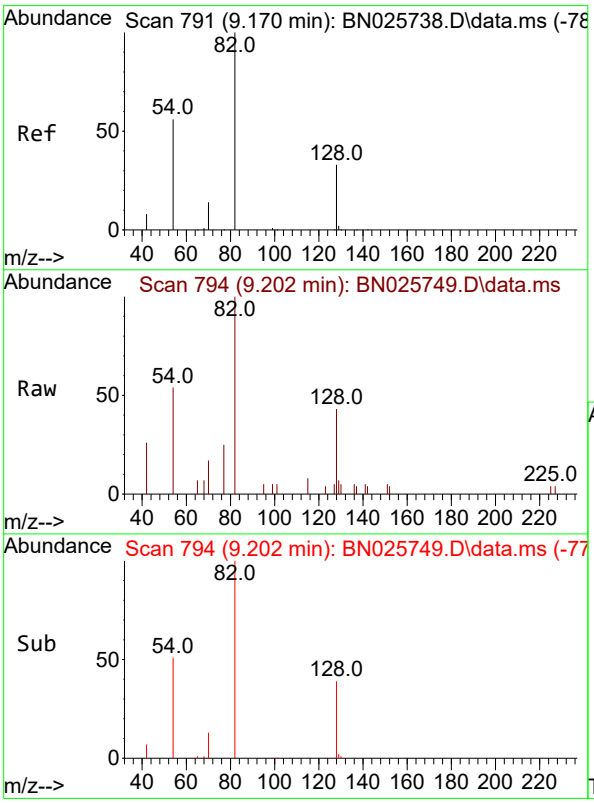
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:136 Resp: 17502

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	9.0	7.2	10.8
68	6.8	5.4	8.2

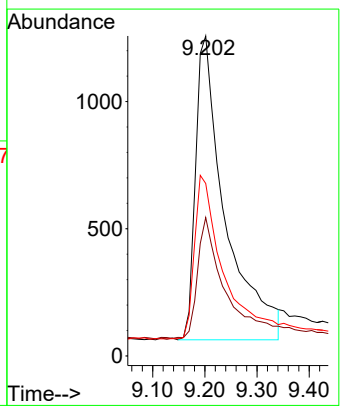


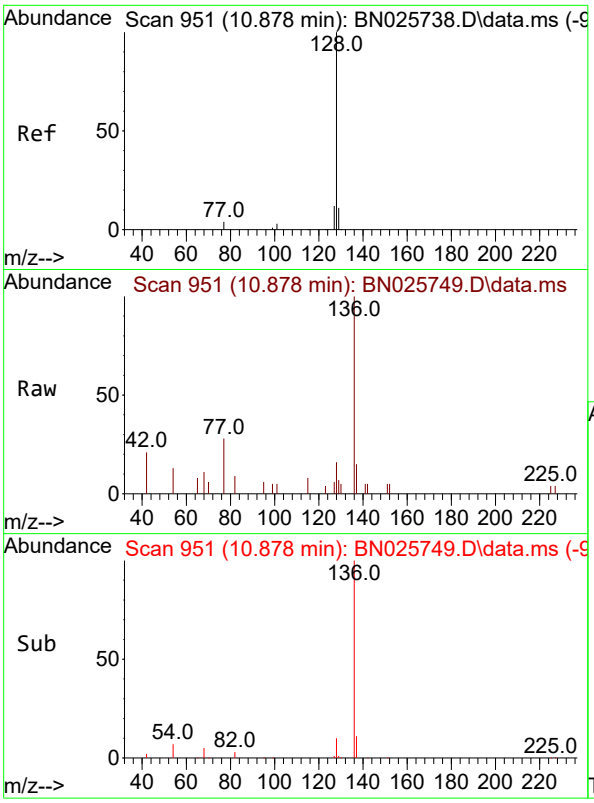


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.032 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion: 82 Resp: 4721

Ion	Ratio	Lower	Upper
82	100		
128	43.2	27.6	41.4#
54	53.9	45.7	68.5



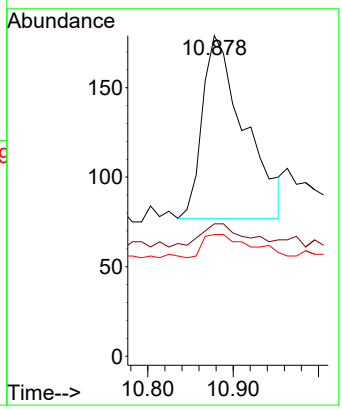


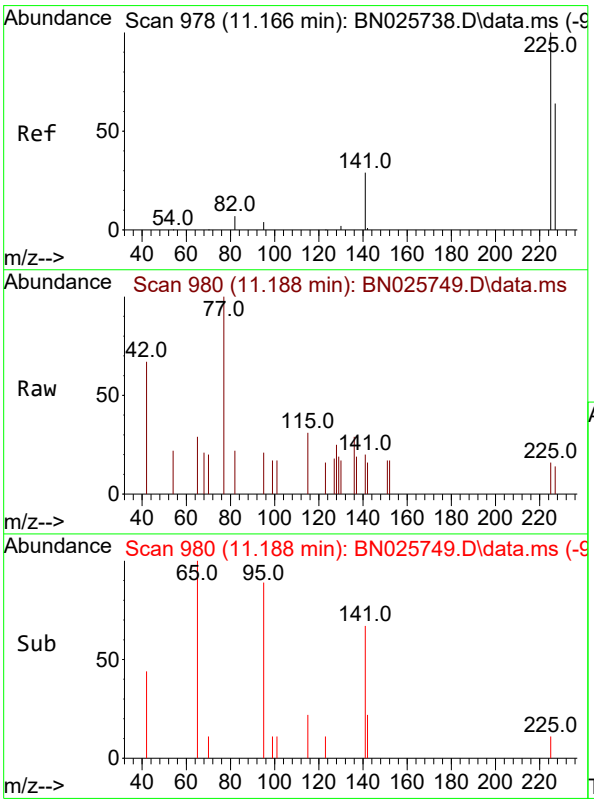
#9
Naphthalene
Concen: 0.007 ng
RT: 10.878 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:128 Resp: 348

Ion	Ratio	Lower	Upper
128	100		
129	41.3	9.1	13.7#
127	38.0	10.3	15.5#

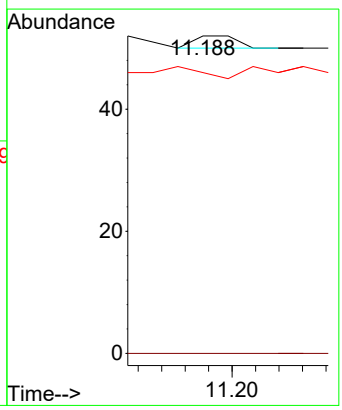


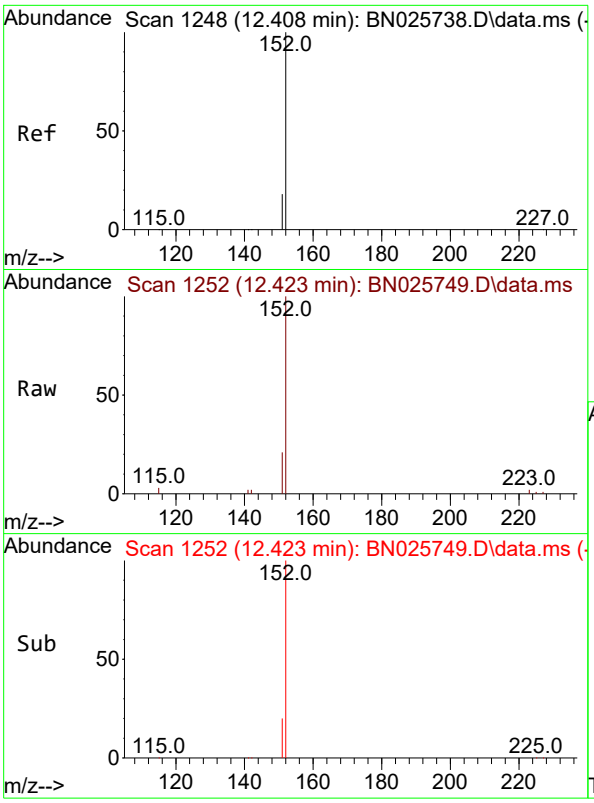


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.188 min Scan# 980
Delta R.T. 0.021 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:225 Resp: 3

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.7	50.4	75.6



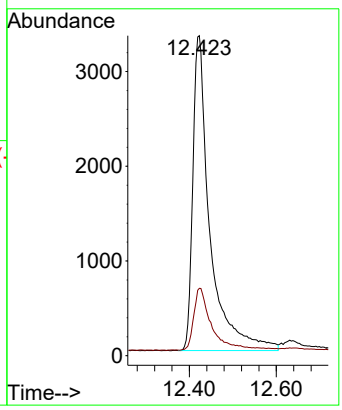


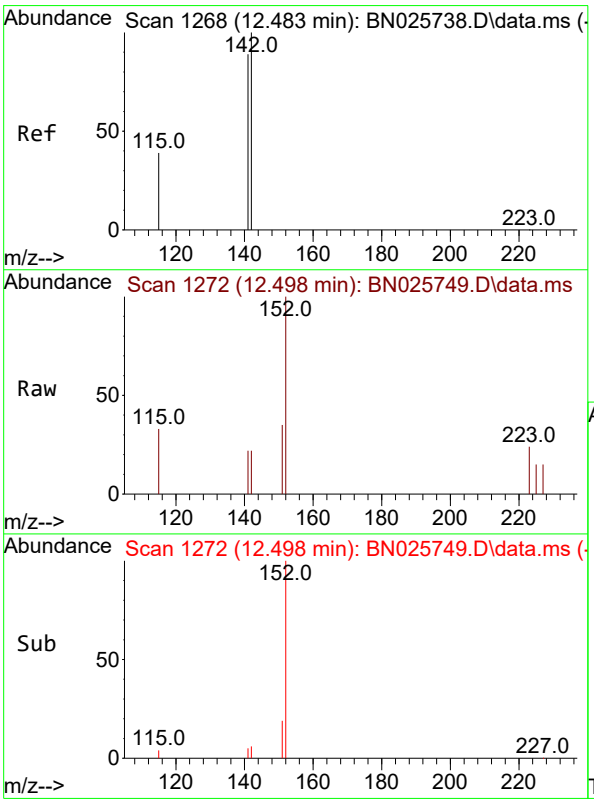
#11
2-Methylnaphthalene-d10
Concen: 0.359 ng
RT: 12.423 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:152 Resp: 9058

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6

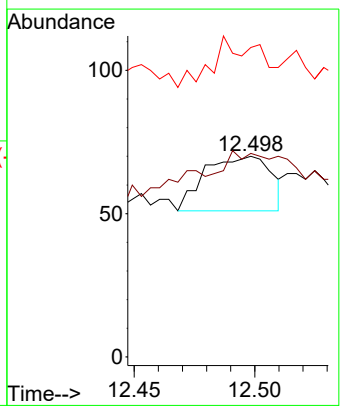


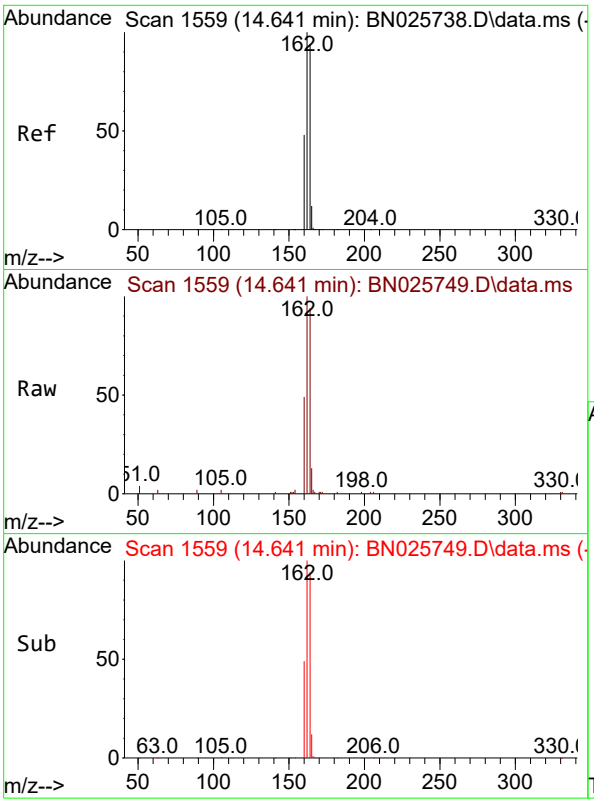


#12
2-Methylnaphthalene
Concen: 0.001 ng
RT: 12.498 min Scan# 1272
Delta R.T. 0.015 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:142 Resp: 36

Ion	Ratio	Lower	Upper
142	100		
141	101.4	71.2	106.8
115	154.3	31.7	47.5#



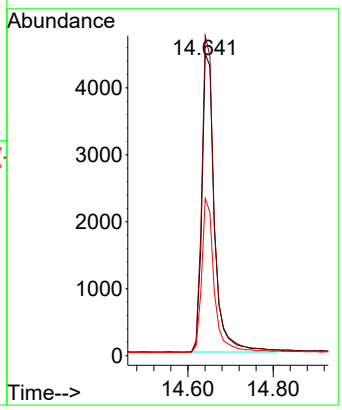


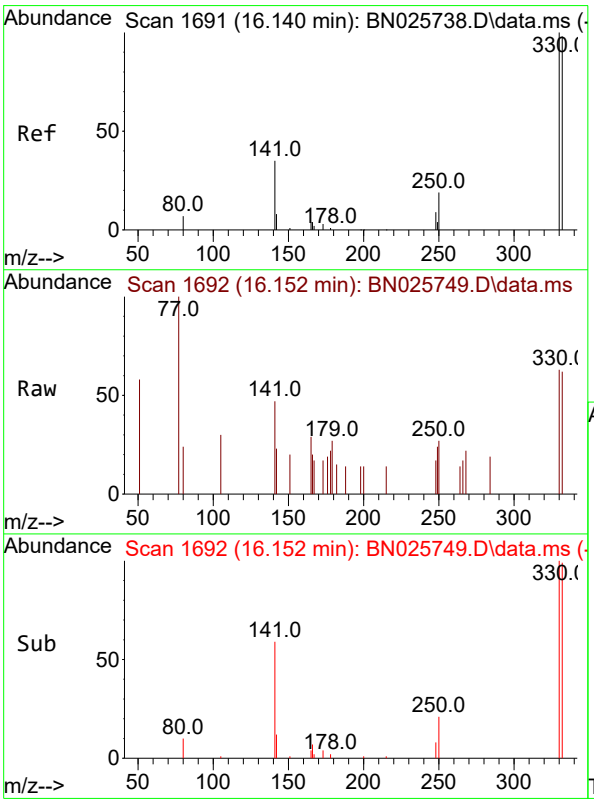
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:164 Resp: 9117

Ion	Ratio	Lower	Upper
164	100		
162	106.1	85.0	127.6
160	52.1	41.1	61.7

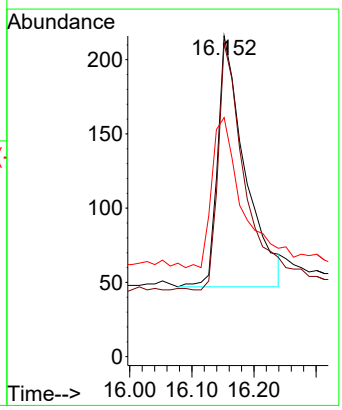


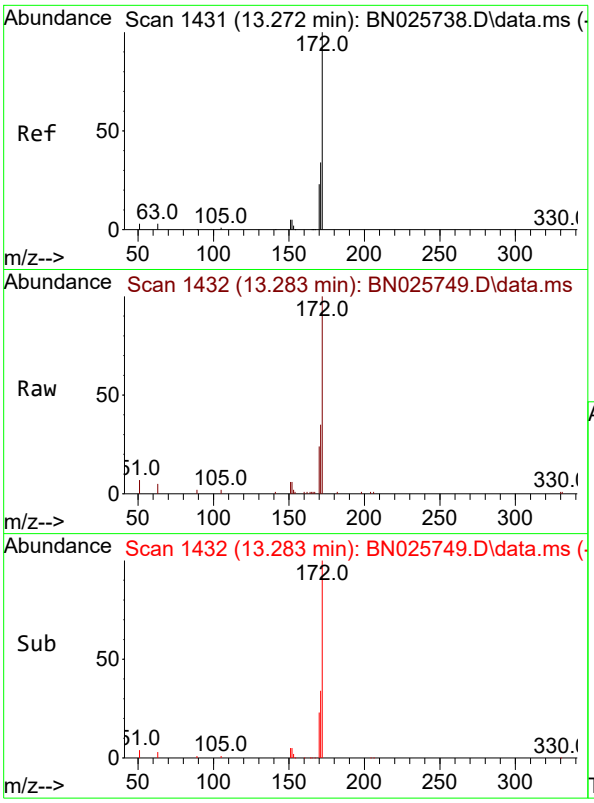


#14
2,4,6-Tribromophenol
Concen: 0.184 ng
RT: 16.152 min Scan# 1692
Delta R.T. 0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:330 Resp: 518

Ion	Ratio	Lower	Upper
330	100		
332	94.0	77.3	115.9
141	65.6	55.0	82.6



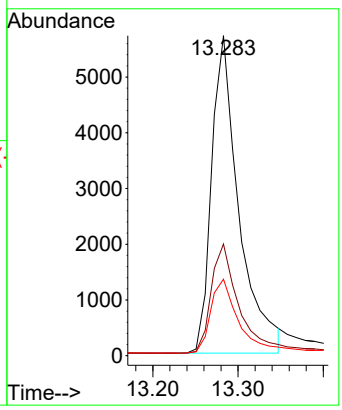


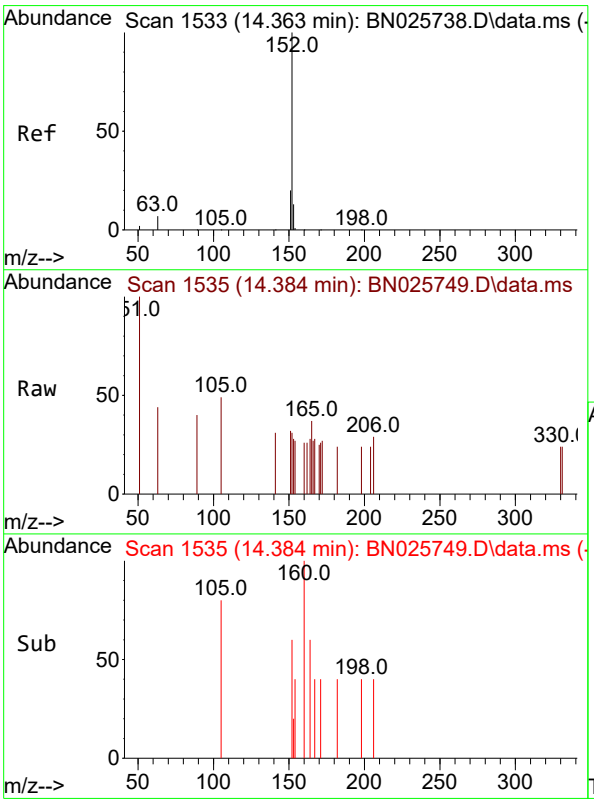
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.283 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:172 Resp: 12663

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	23.9	18.6	28.0

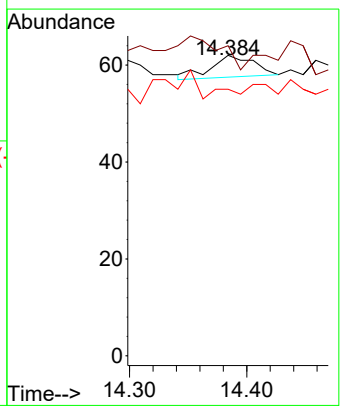


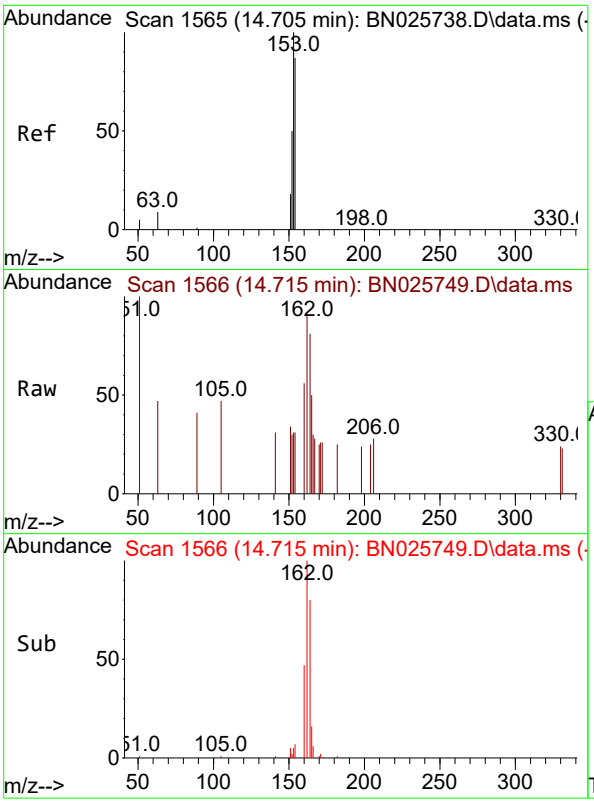


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.384 min Scan# 1535
Delta R.T. 0.021 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:152 Resp: 12

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.4	23.0#
153	0.0	10.4	15.6#



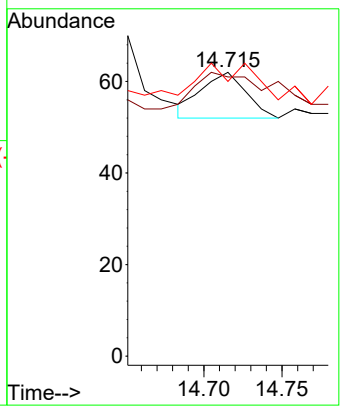


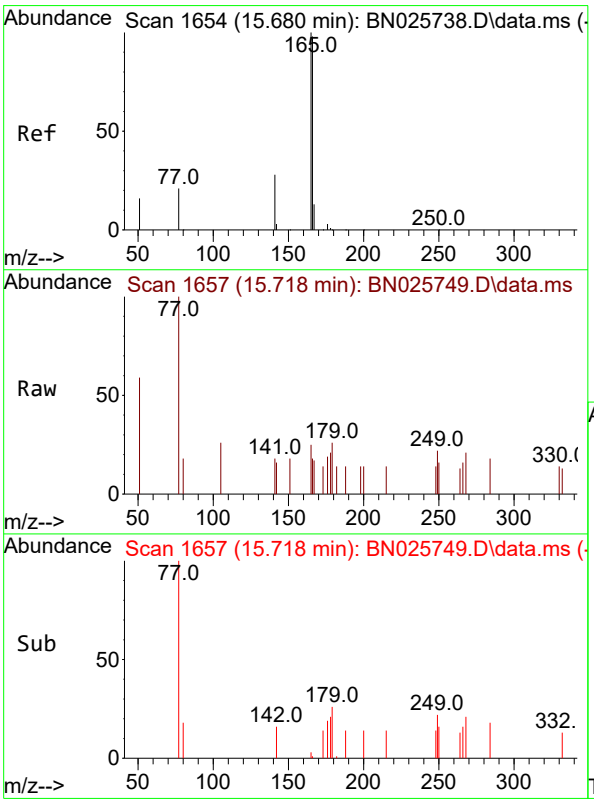
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.715 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:154 Resp: 20

Ion	Ratio	Lower	Upper
154	100		
153	150.0	93.0	139.6#
152	140.0	46.5	69.7#

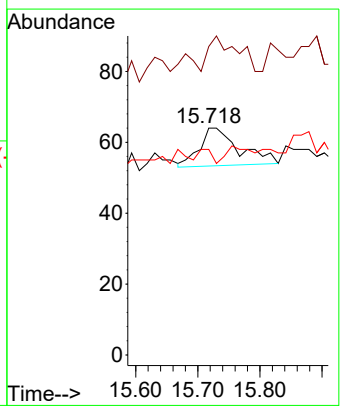


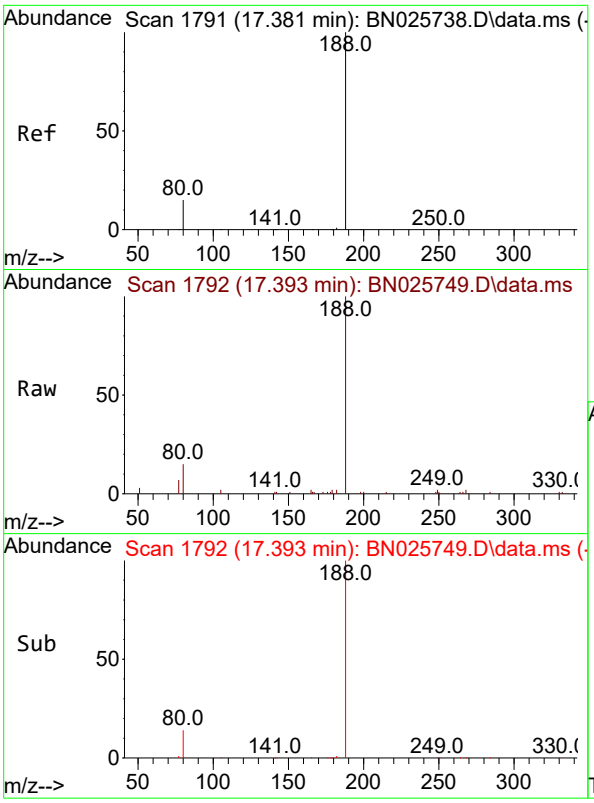


#18
Fluorene
Concen: 0.001 ng
RT: 15.718 min Scan# 1657
Delta R.T. 0.038 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:166 Resp: 47

Ion	Ratio	Lower	Upper
166	100		
165	72.3	80.1	120.1#
167	0.0	10.7	16.1#



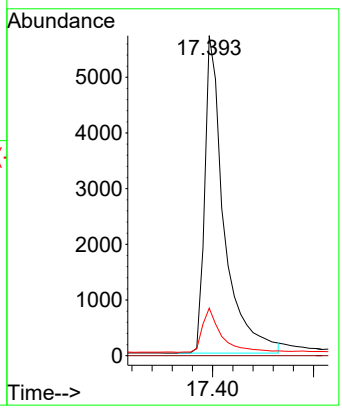


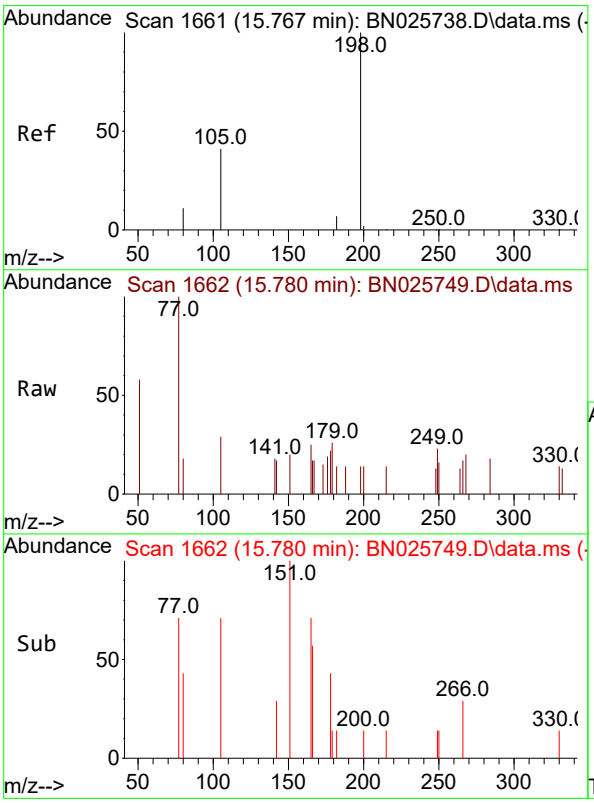
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:188 Resp: 15123

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	12.1	18.1

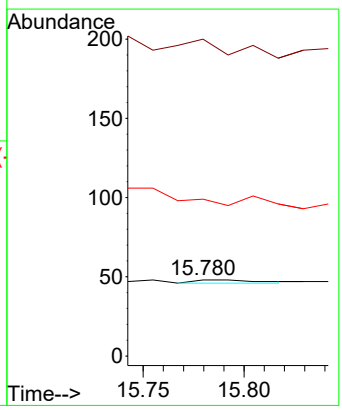


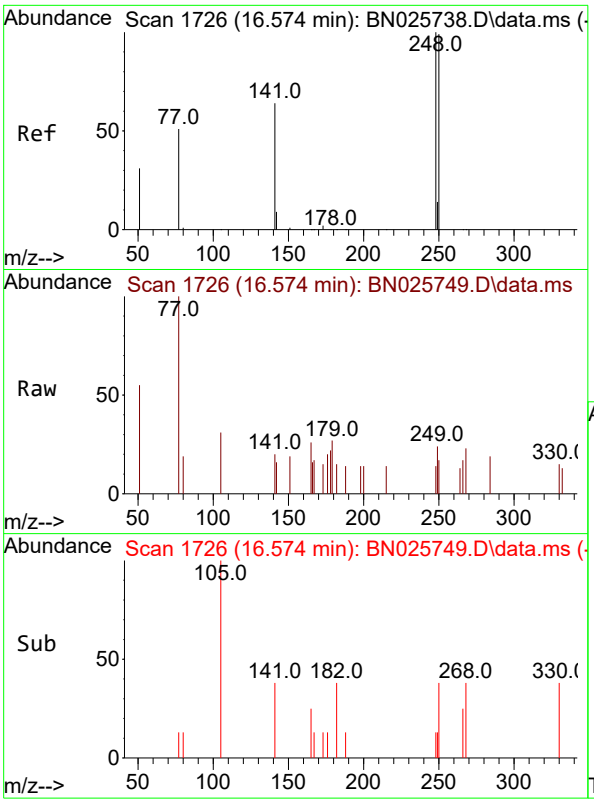


#20
4,6-Dinitro-2-methylphenol
Concen: 0.001 ng
RT: 15.780 min Scan# 1662
Delta R.T. 0.013 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:198 Resp: 4

Ion	Ratio	Lower	Upper
198	100		
51	416.7	62.7	94.1#
105	206.3	42.2	63.4#



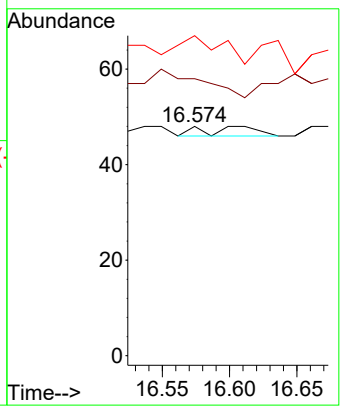


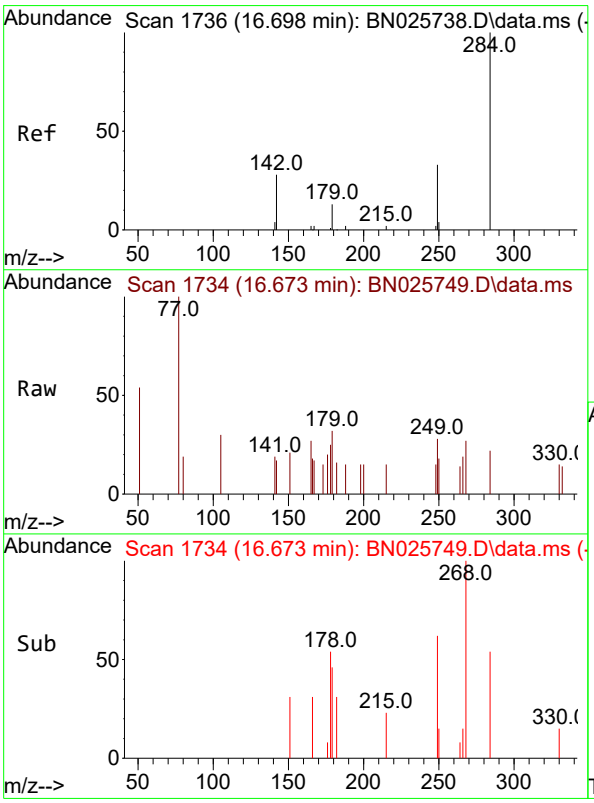
#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.574 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:248 Resp: 5

Ion	Ratio	Lower	Upper
248	100		
250	120.8	79.1	118.7#
141	139.6	51.9	77.9#

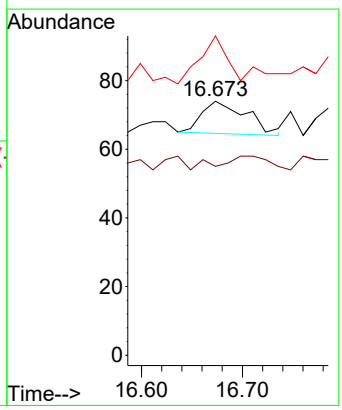


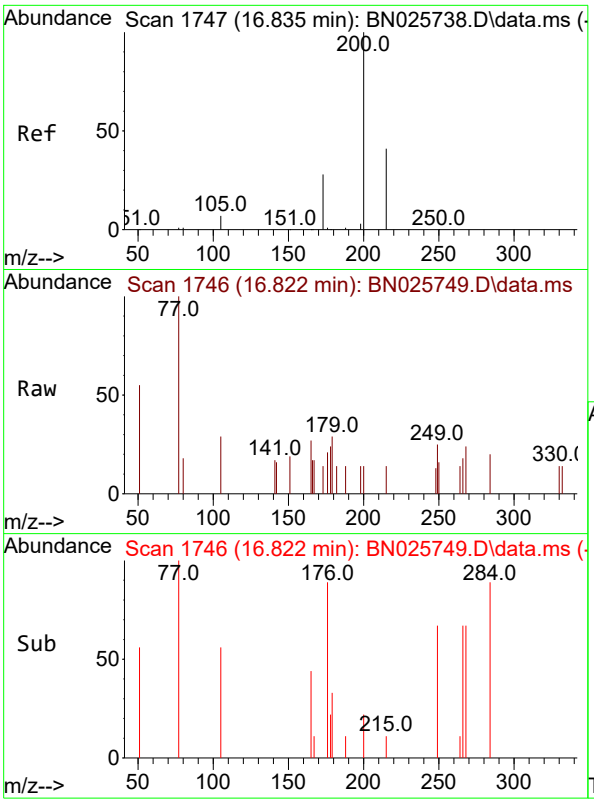


#22
Hexachlorobenzene
Concen: 0.004 ng
RT: 16.673 min Scan# 1734
Delta R.T. -0.025 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:284 Resp: 29

Ion	Ratio	Lower	Upper
284	100		
142	0.0	45.0	67.4#
249	89.7	29.6	44.4#



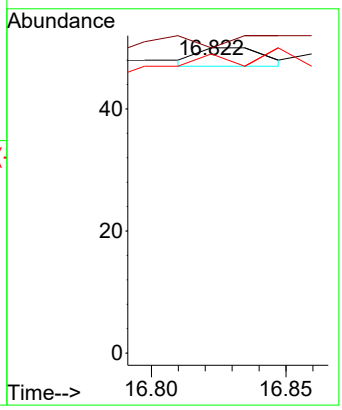


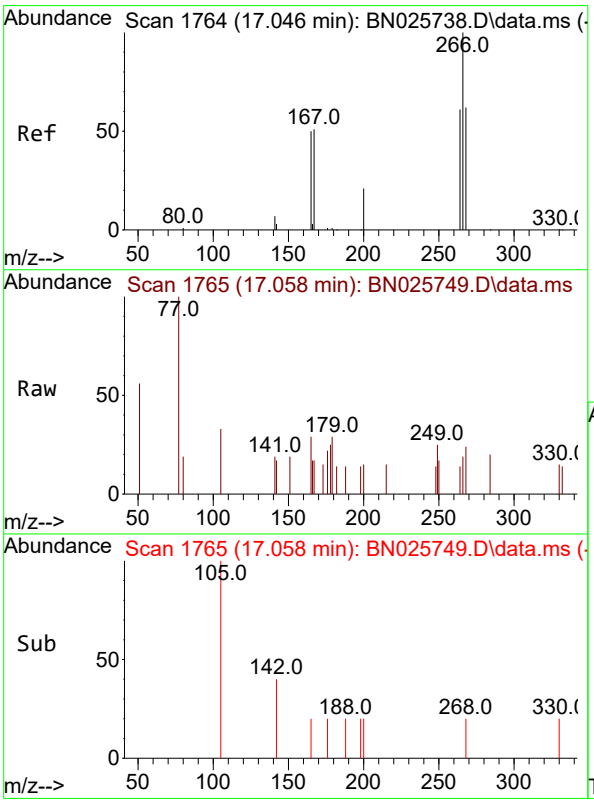
#23
Atrazine
Concen: 0.001 ng
RT: 16.822 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:200 Resp: 5

Ion	Ratio	Lower	Upper
200	100		
173	100.0	23.8	35.6#
215	98.0	33.8	50.6#

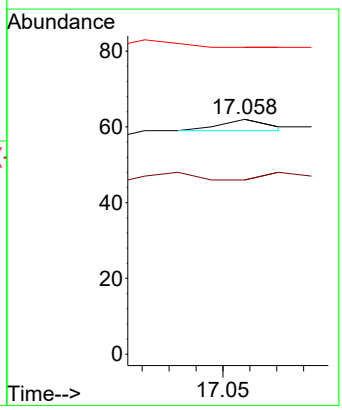


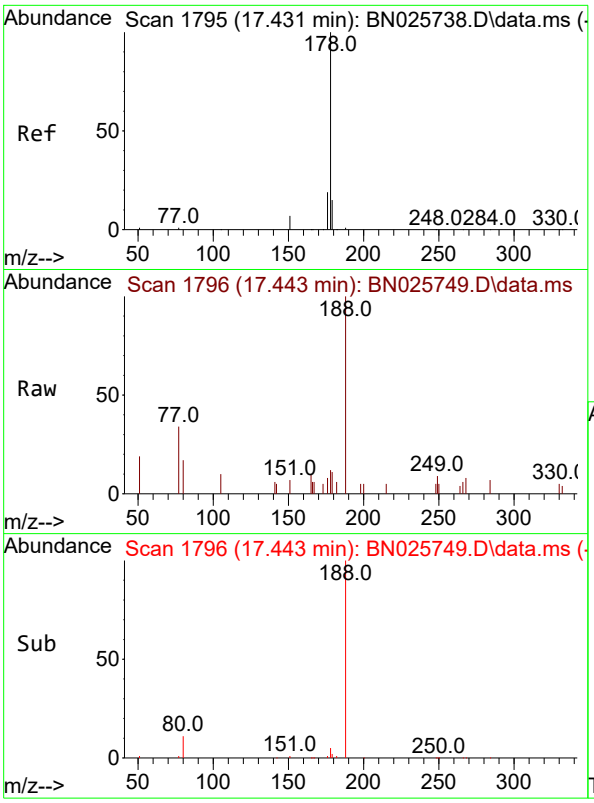


#24
Pentachlorophenol
Concen: 0.001 ng
RT: 17.058 min Scan# 1765
Delta R.T. 0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:266 Resp: 4

Ion	Ratio	Lower	Upper
266	100		
264	100.0	48.6	73.0#
268	0.0	51.8	77.6#



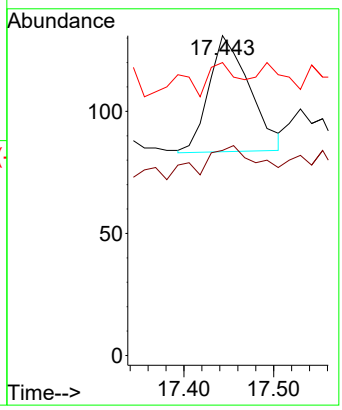


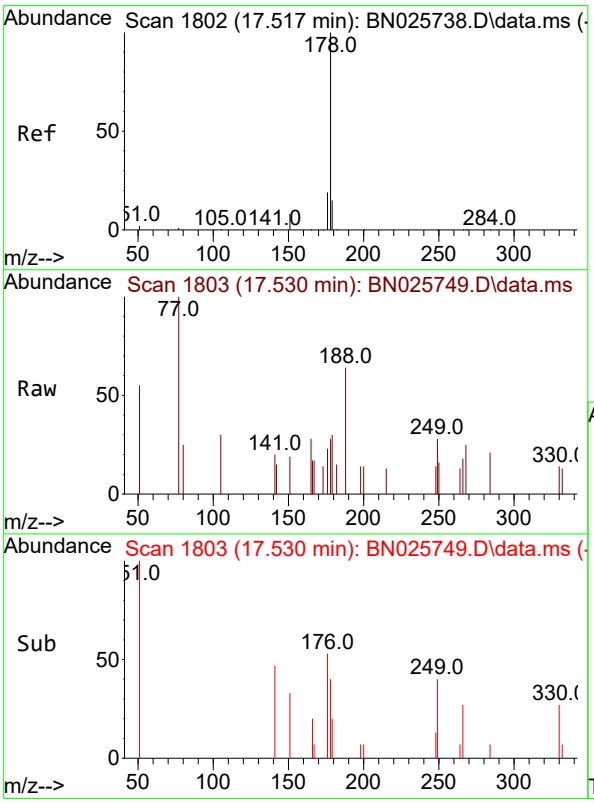
#25
Phenanthrene
Concen: 0.003 ng
RT: 17.443 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:178 Resp: 150

Ion	Ratio	Lower	Upper
178	100		
176	40.0	15.7	23.5#
179	20.7	12.2	18.2#

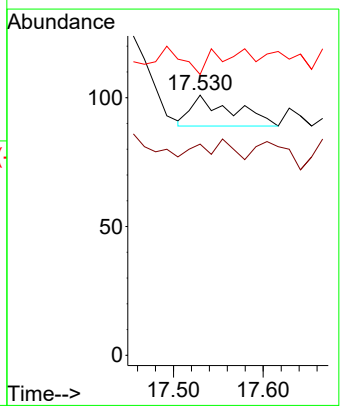


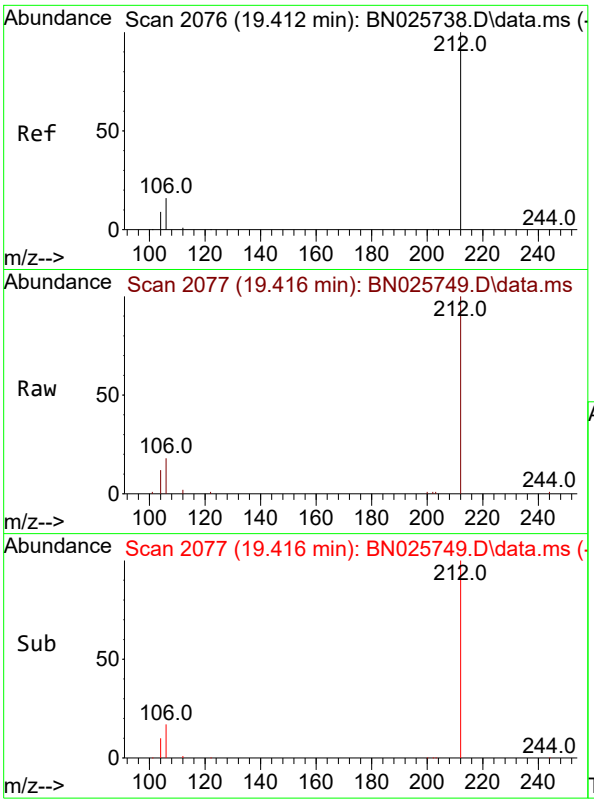


#26
Anthracene
Concen: 0.001 ng
RT: 17.530 min Scan# 1803
Delta R.T. 0.012 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:178 Resp: 39

Ion	Ratio	Lower	Upper
178	100		
176	20.5	15.1	22.7
179	71.8	12.2	18.2#



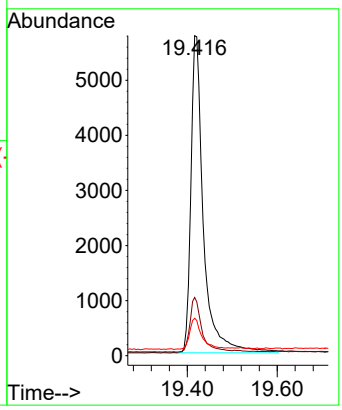


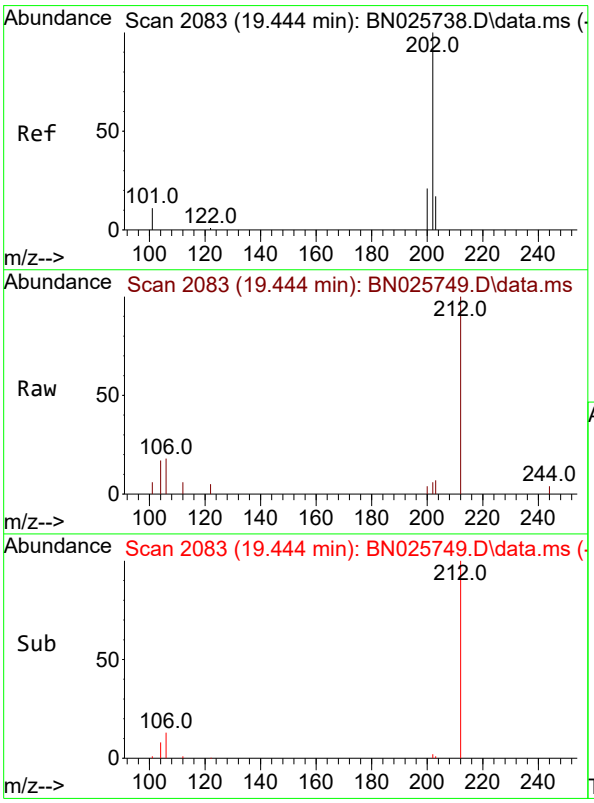
#27
Fluoranthene-d10
Concen: 0.359 ng
RT: 19.416 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:212 Resp: 11168

Ion	Ratio	Lower	Upper
212	100		
106	16.3	13.0	19.6
104	9.6	7.7	11.5

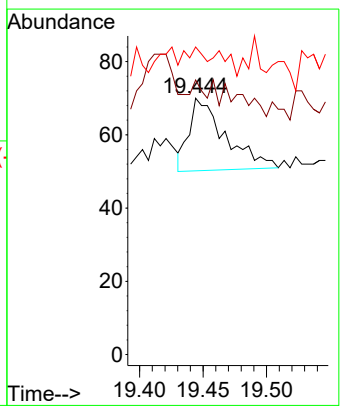


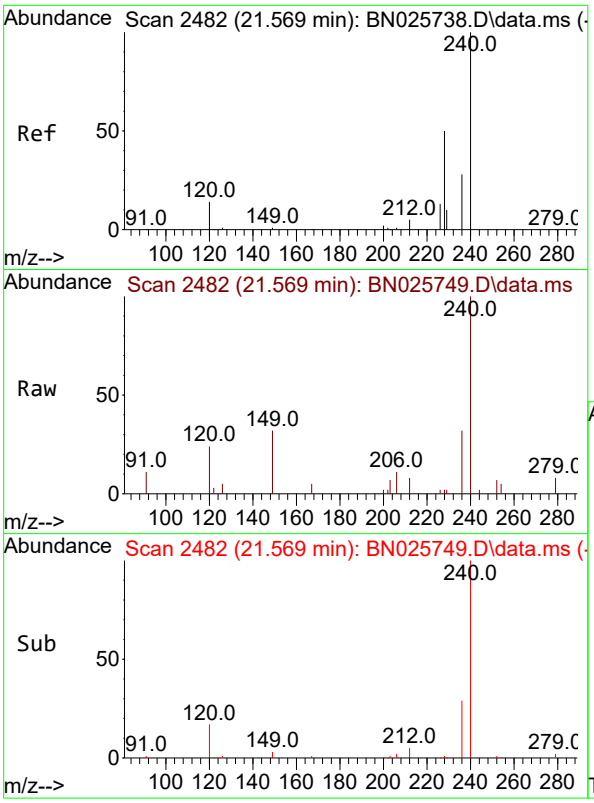


#28
Fluoranthene
Concen: 0.001 ng
RT: 19.444 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:202 Resp: 39

Ion	Ratio	Lower	Upper
202	100		
101	5.1	9.8	14.8#
203	0.0	13.4	20.2#



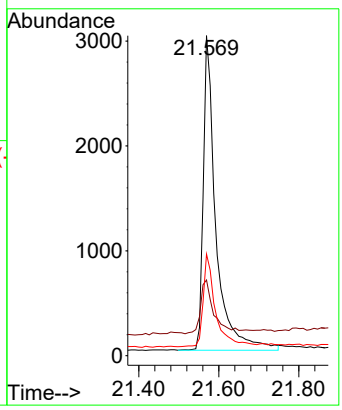


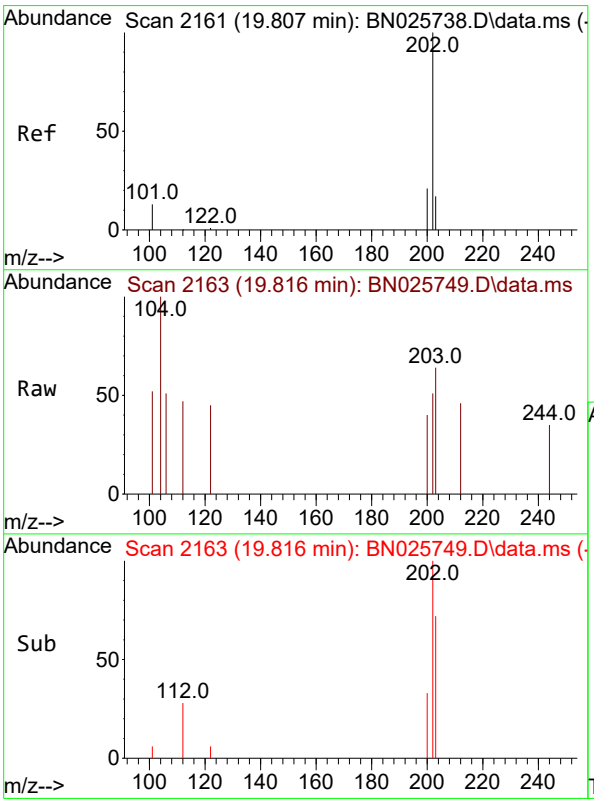
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.569 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:240 Resp: 6571

Ion	Ratio	Lower	Upper
240	100		
120	23.6	13.2	19.8#
236	31.7	23.1	34.7

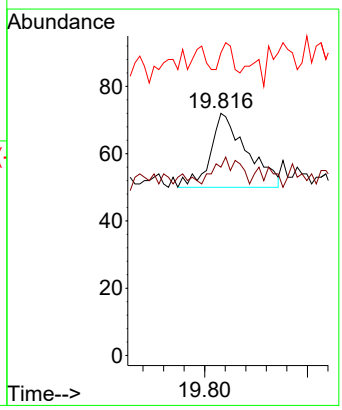


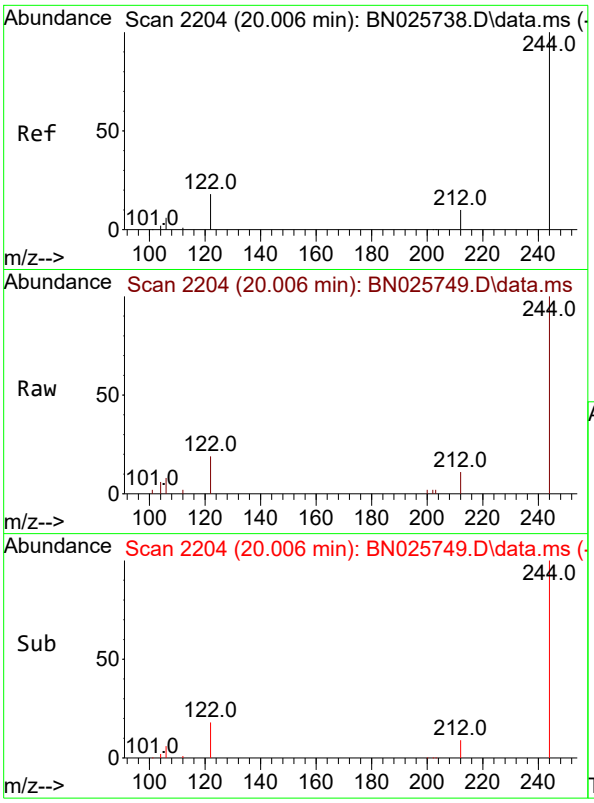


#30
Pyrene
Concen: 0.001 ng
RT: 19.816 min Scan# 2163
Delta R.T. 0.009 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:202 Resp: 54

Ion	Ratio	Lower	Upper
202	100		
200	14.8	17.0	25.6#
203	13.0	14.2	21.2#



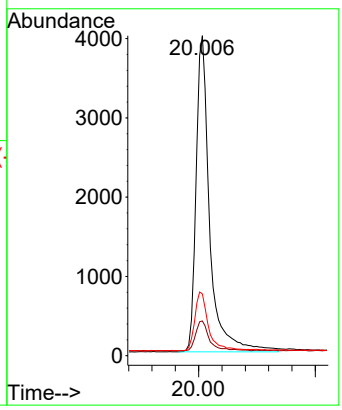


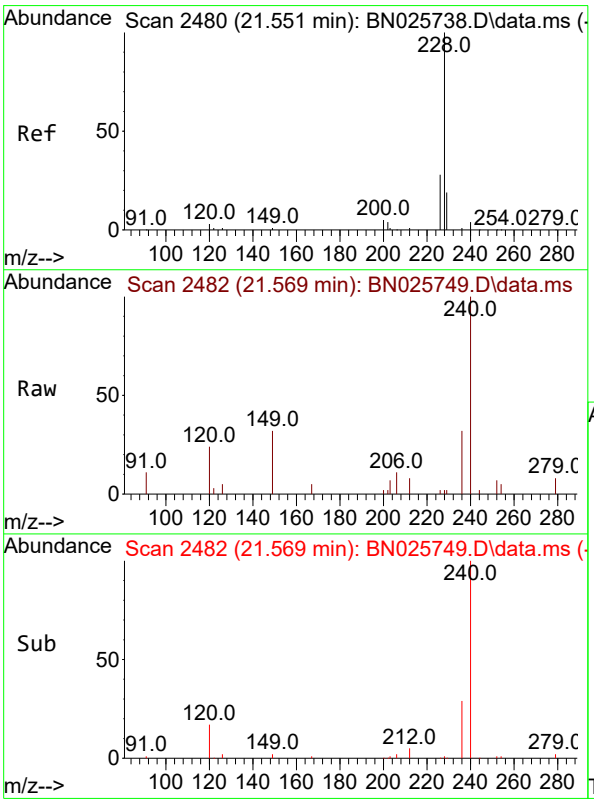
#31
Terphenyl-d14
Concen: 0.405 ng
RT: 20.006 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:244 Resp: 6451

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.6	12.8
122	19.3	15.2	22.8

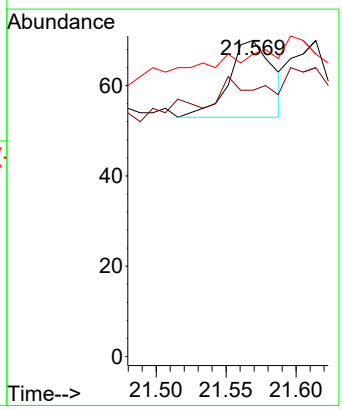


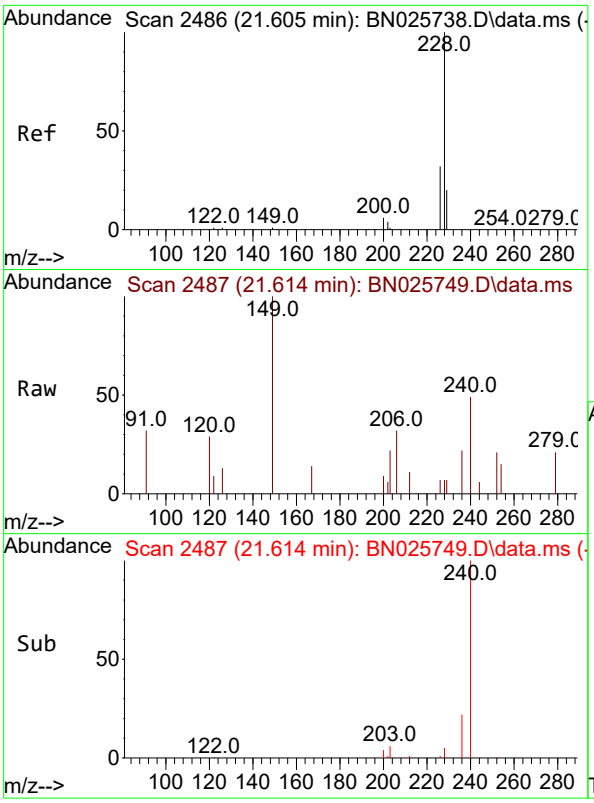


#32
Benzo(a)anthracene
Concen: 0.001 ng
RT: 21.569 min Scan# 2482
Delta R.T. 0.018 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:228 Resp: 37

Ion	Ratio	Lower	Upper
228	100		
226	84.3	22.9	34.3#
229	95.7	15.6	23.4#



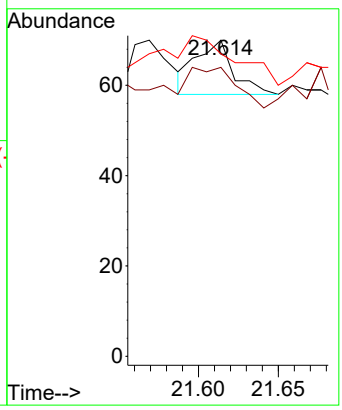


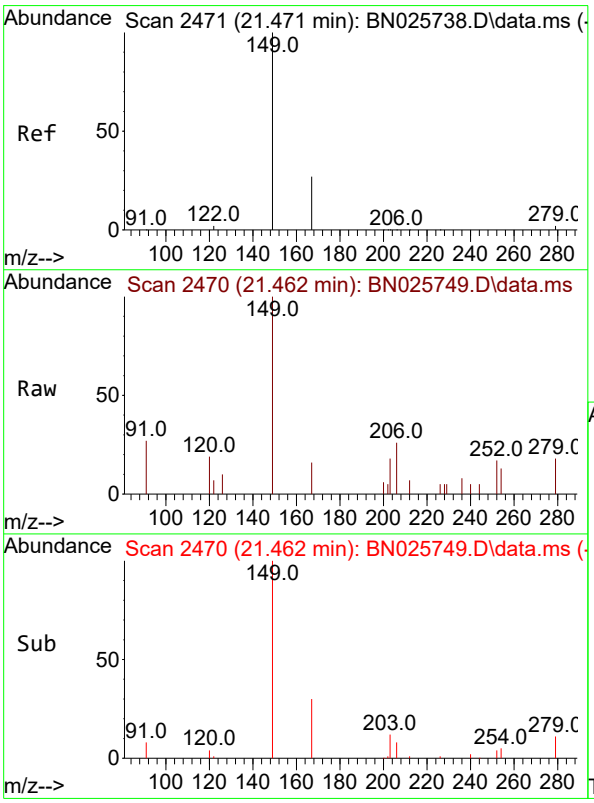
#33
Chrysene
Concen: 0.001 ng
RT: 21.614 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:228 Resp: 19

Ion	Ratio	Lower	Upper
228	100		
226	91.4	25.4	38.2#
229	95.7	16.1	24.1#

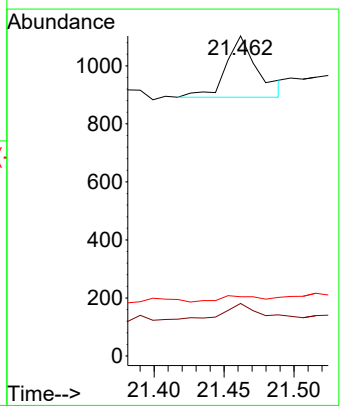


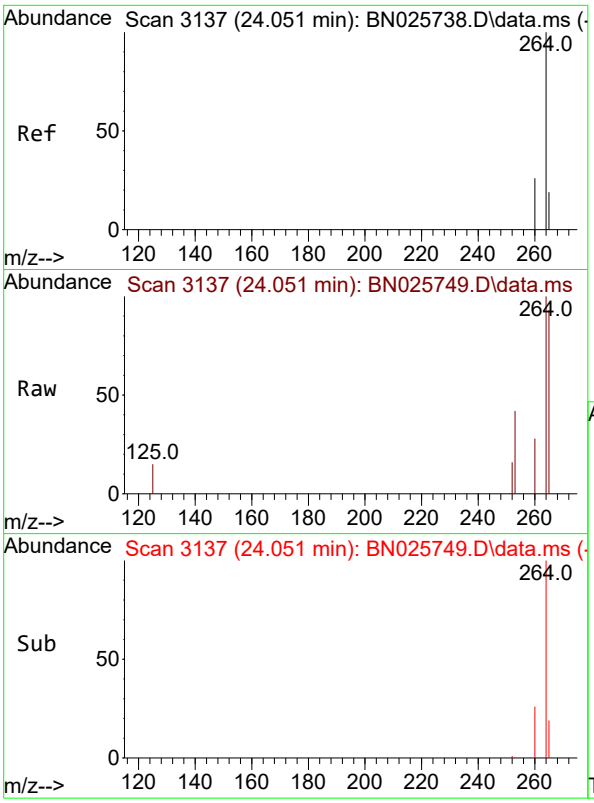


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.022 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:149 Resp: 330

Ion	Ratio	Lower	Upper
149	100		
167	29.7	21.0	31.6
279	12.7	2.2	3.4#



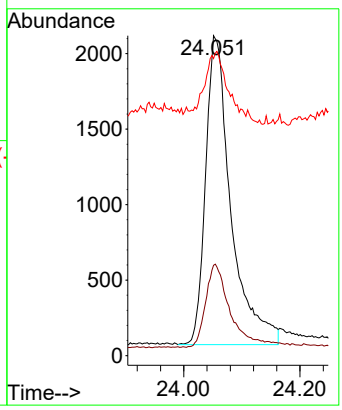


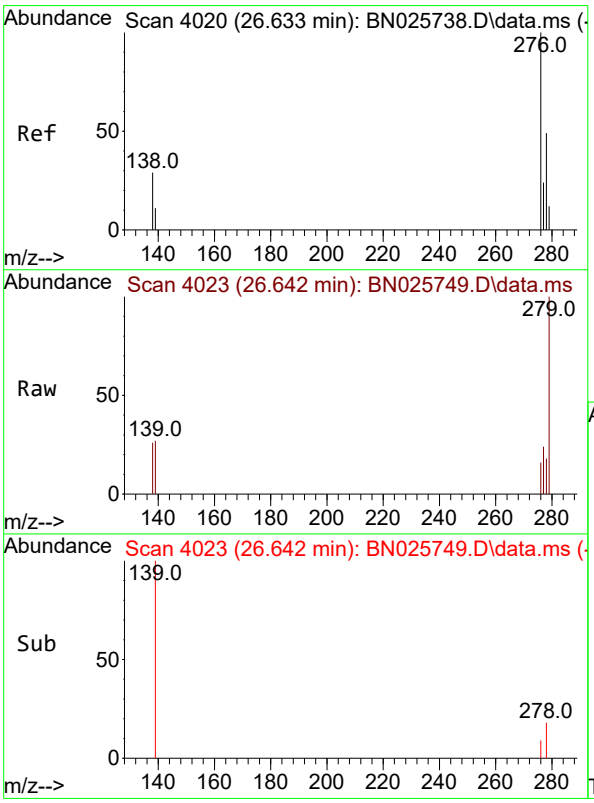
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:264 Resp: 6193

Ion	Ratio	Lower	Upper
264	100		
260	28.2	21.4	32.2
265	92.9	44.7	67.1#

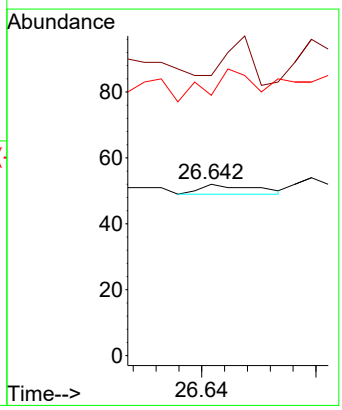


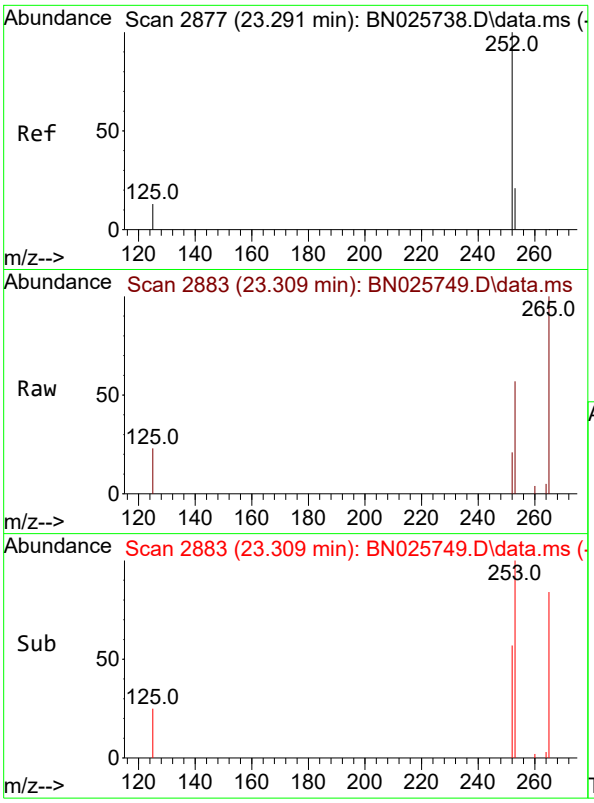


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.642 min Scan# 4023
Delta R.T. 0.009 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
138	200.0	26.1	39.1#
277	250.0	19.4	29.2#



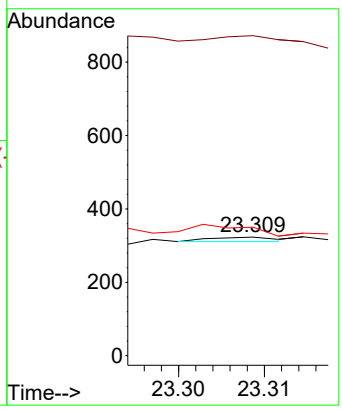


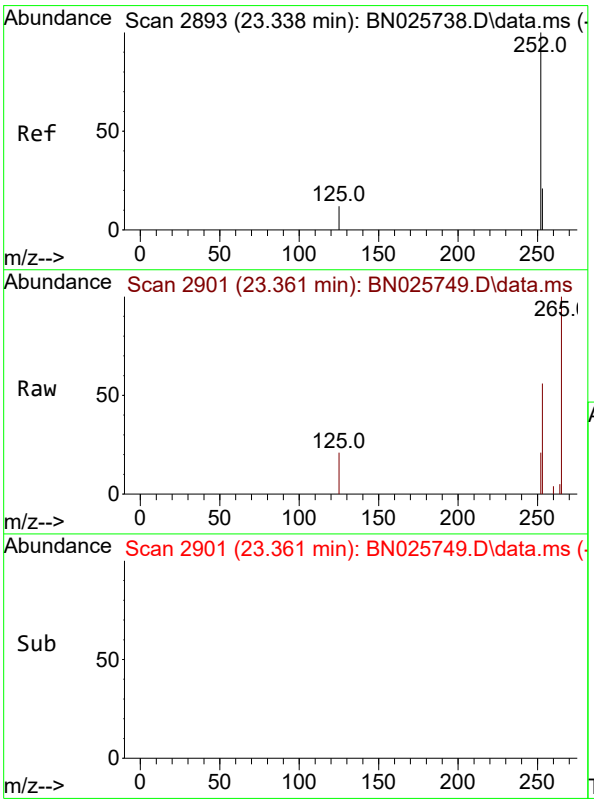
#37
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.309 min Scan# 2
Delta R.T. 0.018 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	270.0	23.4	35.0#
125	108.4	12.3	18.5#

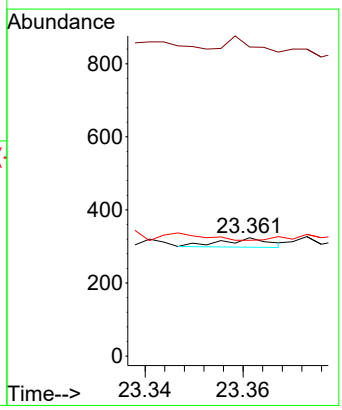


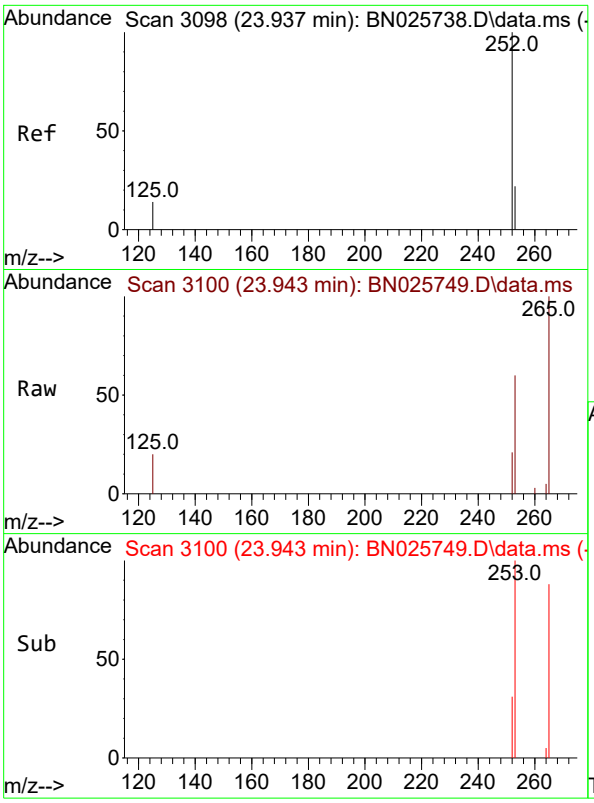


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.361 min Scan# 2901
Delta R.T. 0.023 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:252 Resp: 17

Ion	Ratio	Lower	Upper
252	100		
253	261.1	24.2	36.4#
125	97.8	12.2	18.2#



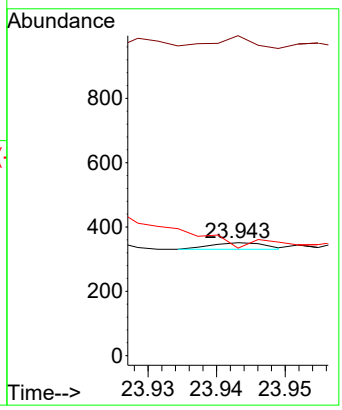


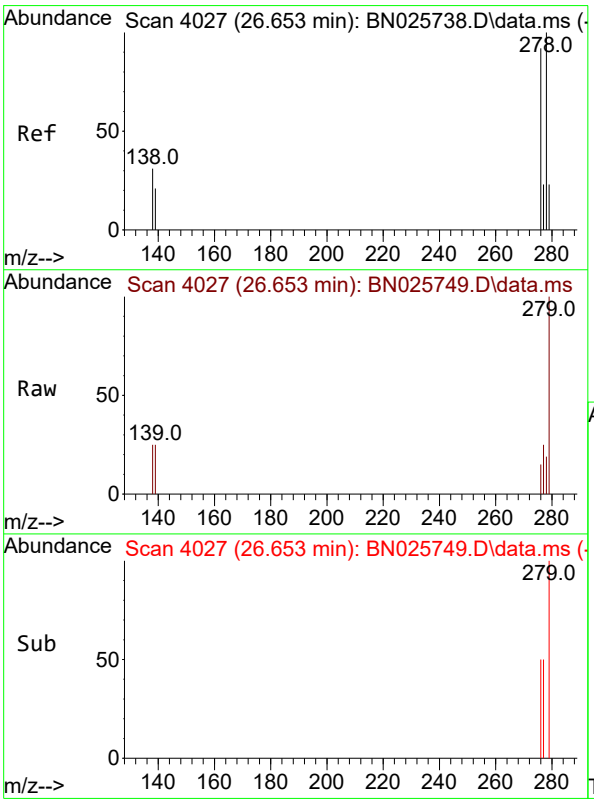
#39
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.943 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:252 Resp: 11

Ion	Ratio	Lower	Upper
252	100		
253	283.5	27.5	41.3#
125	95.2	14.6	21.8#

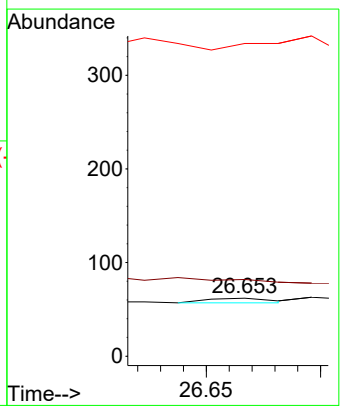


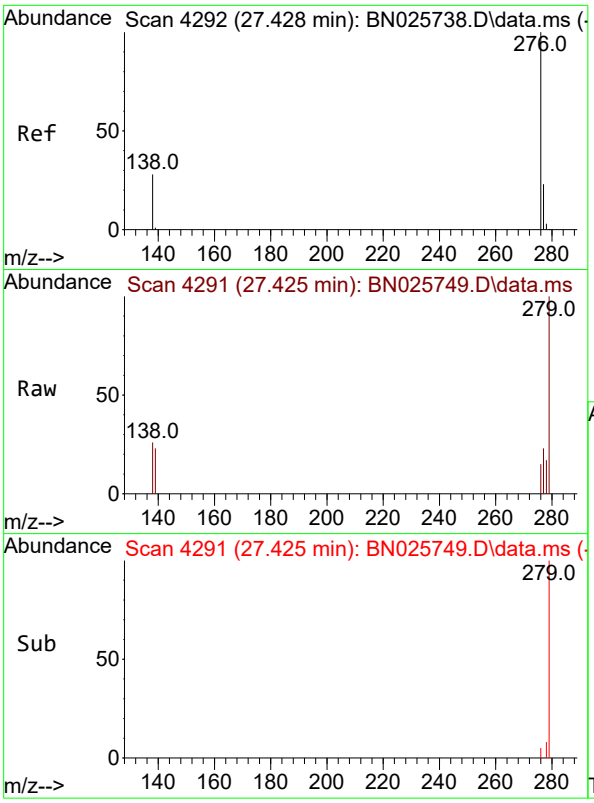


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.653 min Scan# 4027
Delta R.T. -0.000 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Tgt Ion:278 Resp: 2

Ion	Ratio	Lower	Upper
278	100		
139	132.3	18.7	28.1#
279	538.7	25.1	37.7#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.425 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025749.D
Acq: 31 May 2023 21:09

Instrument :
BNA_N
ClientSampleId :
PB152465BL

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
277	153.8	20.2	30.2#
138	171.2	24.2	36.4#