Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029439.D
Acq On : 31 Jan 2024 08:09
Operator : MA/JU
Sample : PB158557BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Quant Time: Jan 31 08:36:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	4403	0.400	ng	0.00
7) Naphthalene-d8	10.701	136	11149	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	4890	0.400	ng	-0.01
19) Phenanthrene-d10	17.292	188	8687	0.400	ng	0.00
29) Chrysene-d12	21.492	240	5106	0.400	ng	0.00
35) Perylene-d12	23.873	264	4962	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.471	112	4187	0.396	ng	0.00
5) Phenol-d6	7.067	99	4500	0.369	ng	0.00
8) Nitrobenzene-d5	9.067	82	3314	0.357	ng	0.00
11) 2-Methylnaphthalene-d10	12.287	152	6095	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.039	330	353	0.225	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	7684	0.366	ng	-0.01
27) Fluoranthene-d10	19.322	212	7890	0.375	ng	0.00
31) Terphenyl-d14	19.930	244	5114	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	15	0.002	ng	# 25
3) n-Nitrosodimethylamine	3.687	42	63	0.012	ng	# 1
6) bis(2-Chloroethyl)ether	7.349	93	7	0.001	ng	# 19
9) Naphthalene	10.776	128	13	0.000	ng	# 1
10) Hexachlorobutadiene	11.032	225	8	0.001	ng	# 18
12) 2-Methylnaphthalene	12.367	142	1	0.000	ng	# 35
16) Acenaphthylene	14.265	152	1	0.000	ng	# 1
17) Acenaphthene	14.532	154	13	0.001	ng	# 2
18) Fluorene	15.592	166	19	0.001	ng	# 91
20) 4,6-Dinitro-2-methylph...	15.691	198	6	0.005	ng	# 1
21) 4-Bromophenyl-phenylether	16.461	248	3	0.001	ng	# 83
22) Hexachlorobenzene	16.560	284	11	0.002	ng	# 33
23) Atrazine	16.784	200	5	0.001	ng	# 7
24) Pentachlorophenol	16.932	266	14	0.007	ng	# 18
25) Phenanthrene	17.330	178	34	0.001	ng	# 68
26) Anthracene	17.429	178	7	0.000	ng	# 61
28) Fluoranthene	19.350	202	19	0.001	ng	# 92
30) Pyrene	19.717	202	20	0.001	ng	# 14
32) Benzo(a)anthracene	21.483	228	28	0.002	ng	# 1
33) Chrysene	21.528	228	13	0.001	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.420	149	294	0.025	ng	# 86
36) Indeno(1,2,3-cd)pyrene	26.341	276	1	0.000	ng	# 1
37) Benzo(b)fluoranthene	23.154	252	6	0.000	ng	# 1
38) Benzo(k)fluoranthene	23.206	252	13	0.001	ng	# 1
39) Benzo(a)pyrene	23.768	252	13	0.001	ng	# 1
40) Dibenzo(a,h)anthracene	26.373	278	3	0.000	ng	# 1
41) Benzo(g,h,i)perylene	27.101	276	2	0.000	ng	# 1

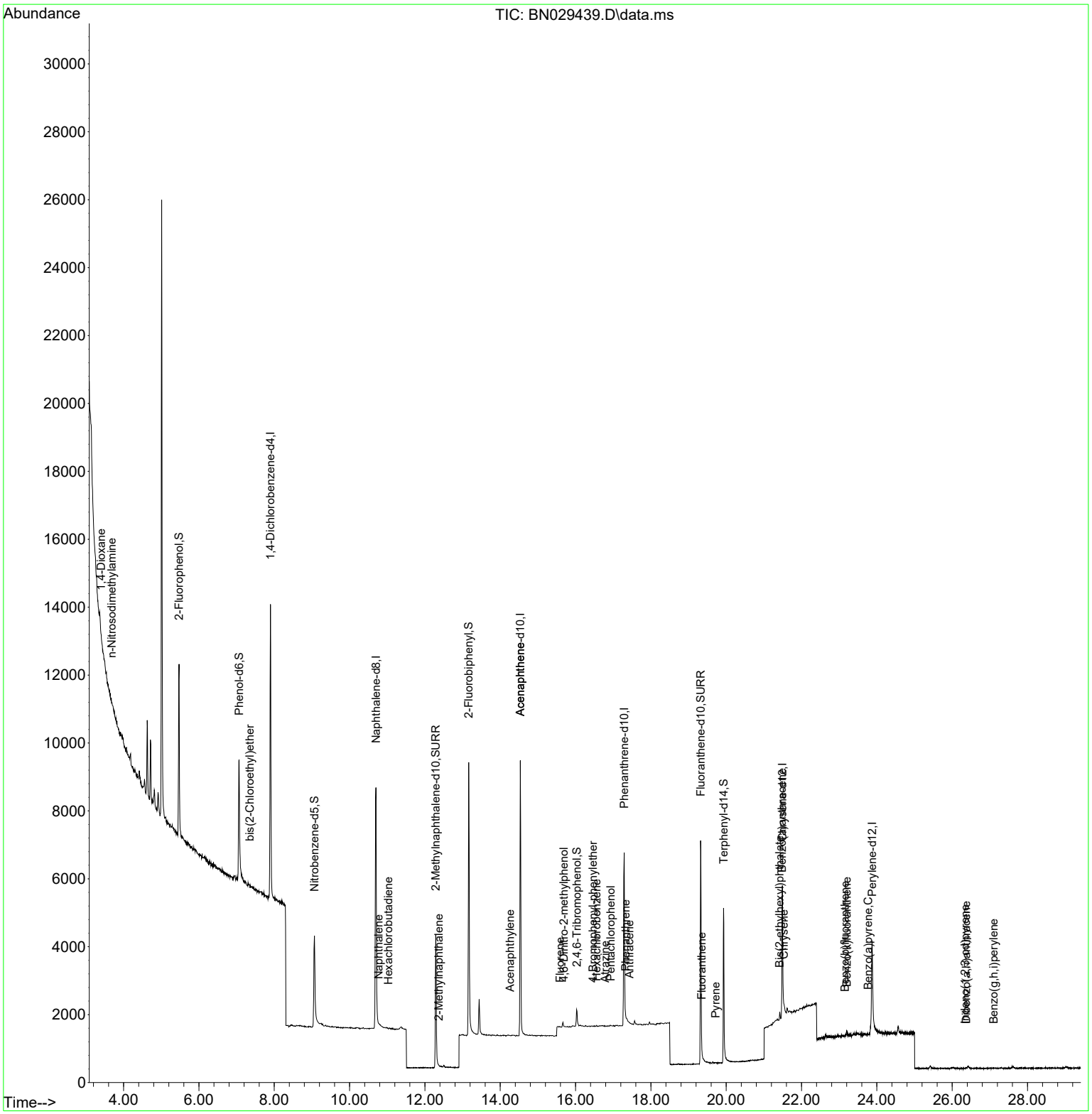
(#) = qualifier out of range (m) = manual integration (+) = signals summed

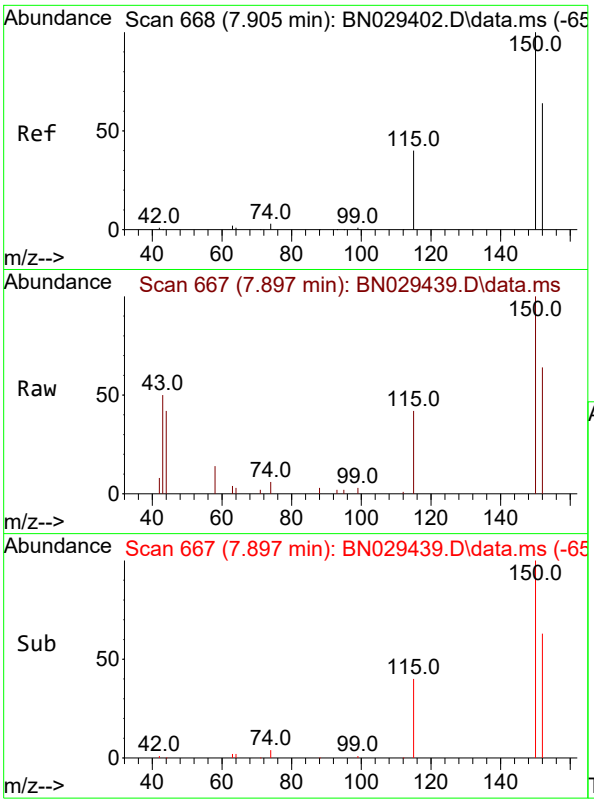
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013024\
Data File : BN029439.D
Acq On : 31 Jan 2024 08:09
Operator : MA/JU
Sample : PB158557BL
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Quant Time: Jan 31 08:36:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 03:38:24 2024
Response via : Initial Calibration



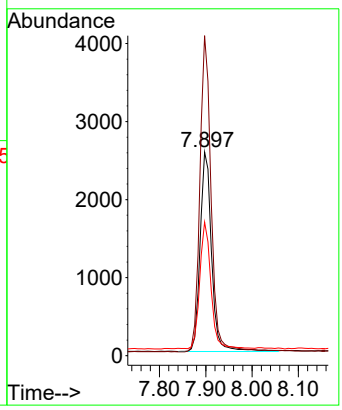


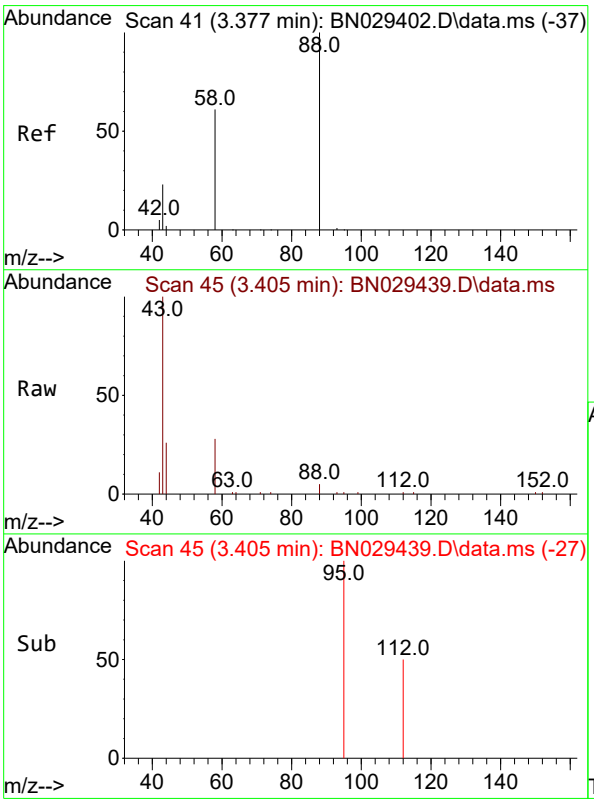
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:152 Resp: 4403

Ion	Ratio	Lower	Upper
152	100		
150	157.1	123.0	184.4
115	65.6	51.4	77.0

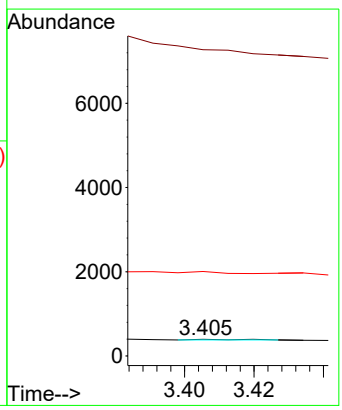


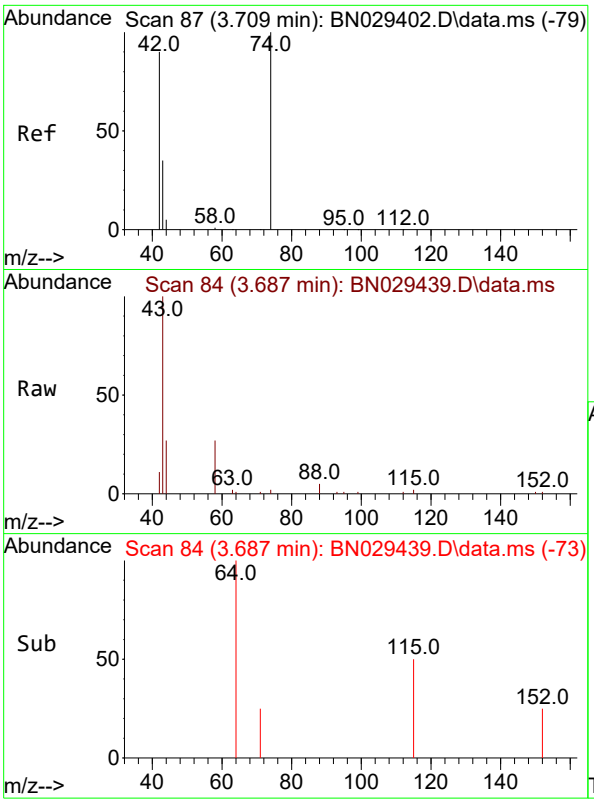


#2
1,4-Dioxane
Concen: 0.002 ng
RT: 3.405 min Scan# 45
Delta R.T. 0.029 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion: 88 Resp: 15

Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.3	34.9#
58	0.0	53.8	80.6#



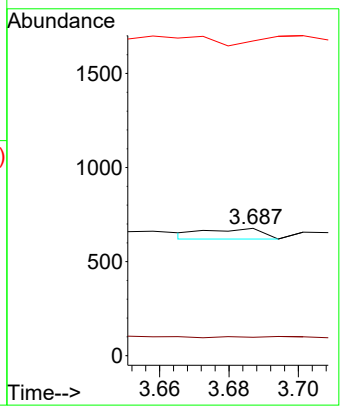


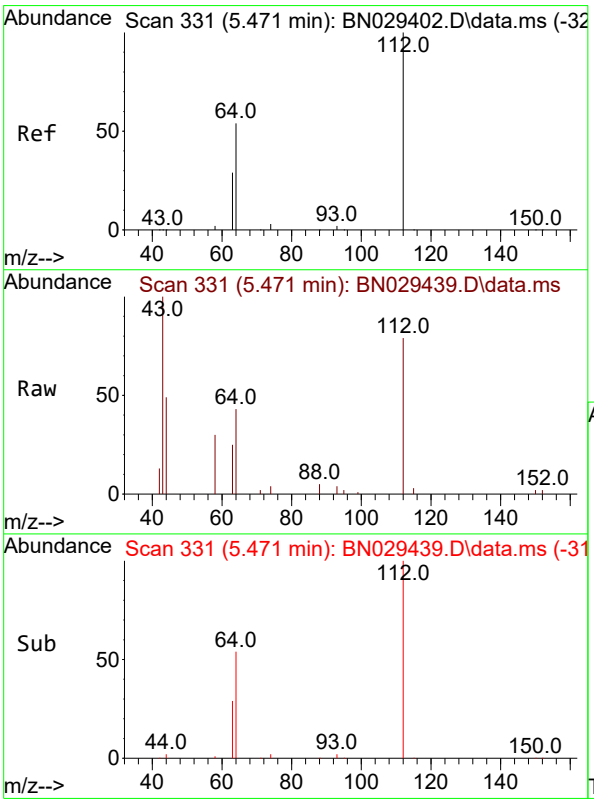
#3
n-Nitrosodimethylamine
Concen: 0.012 ng
RT: 3.687 min Scan# 84
Delta R.T. -0.022 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion: 42 Resp: 63

Ion	Ratio	Lower	Upper
42	100		
74	15.9	93.7	140.5#
44	111.1	13.0	19.4#

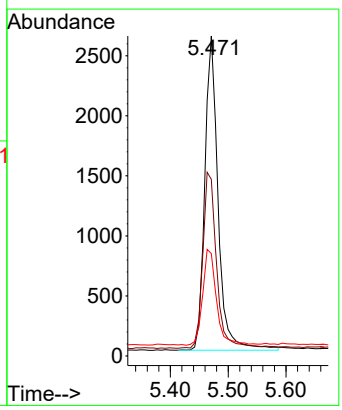


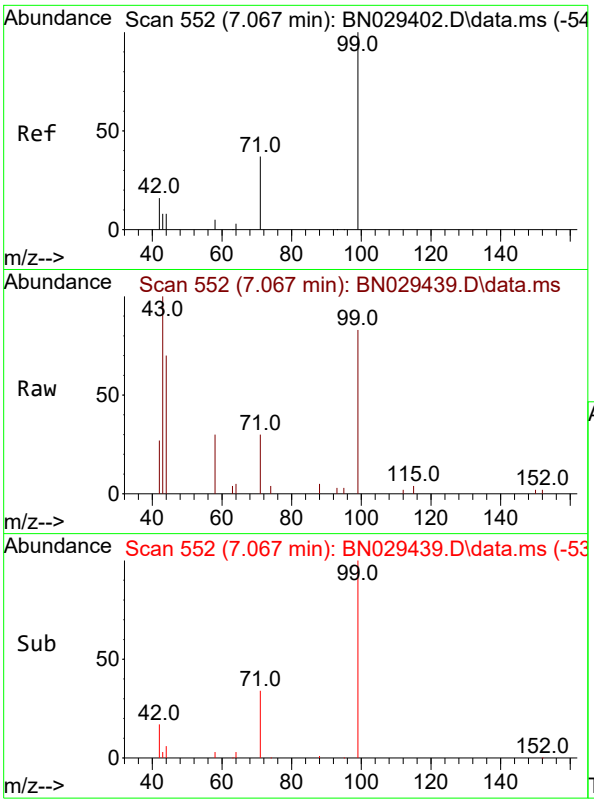


#4
2-Fluorophenol
Concen: 0.396 ng
RT: 5.471 min Scan# 331
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:112 Resp: 4187

Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.2	70.8
63	31.9	25.8	38.6



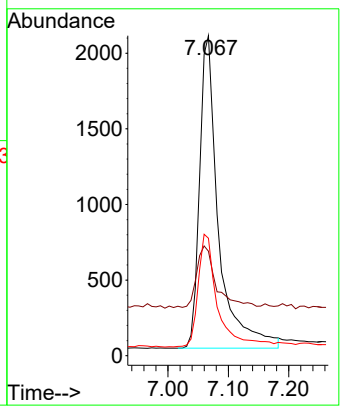


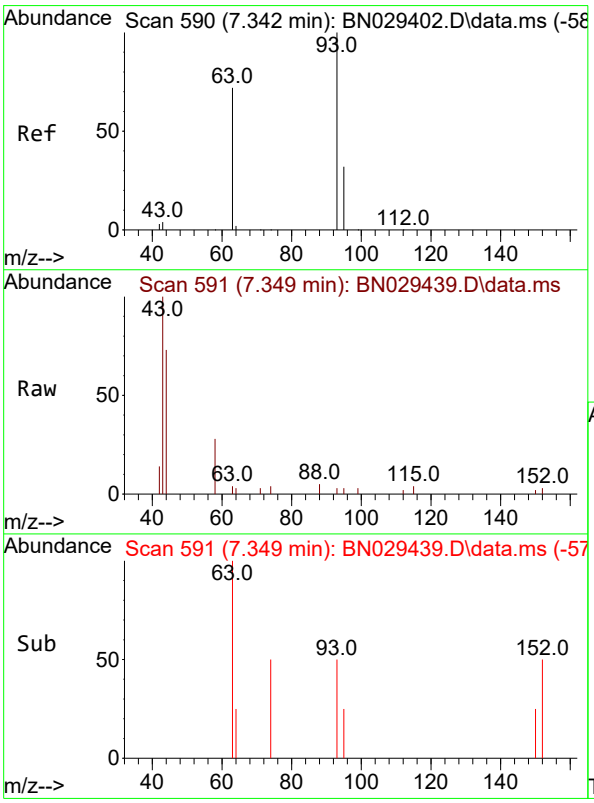
#5
Phenol-d6
Concen: 0.369 ng
RT: 7.067 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion: 99 Resp: 4500

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.9	25.3
71	36.9	30.0	45.0

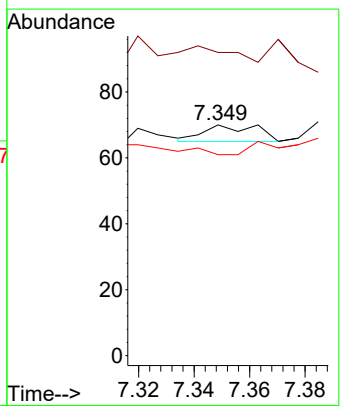


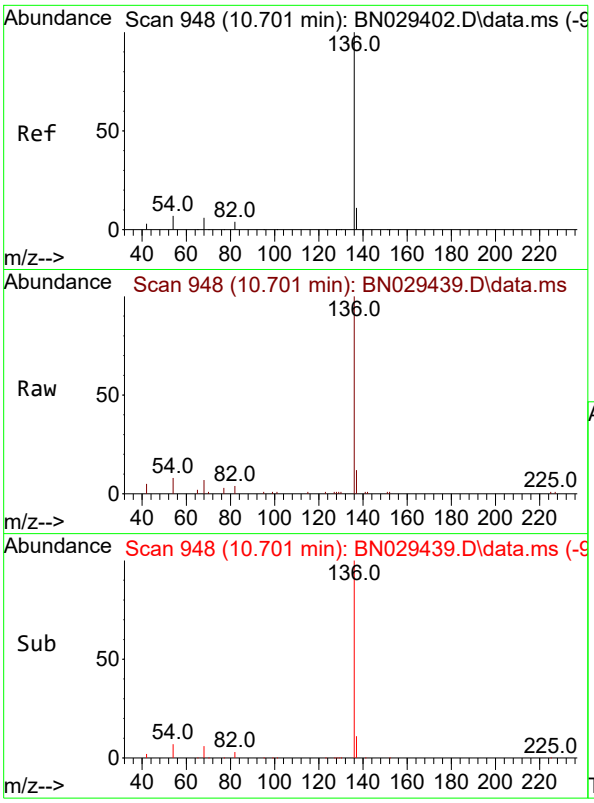


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.349 min Scan# 591
Delta R.T. 0.007 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion: 93 Resp: 7

Ion	Ratio	Lower	Upper
93	100		
63	0.0	63.1	94.7#
95	0.0	27.1	40.7#



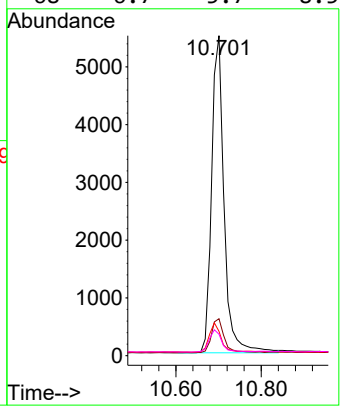


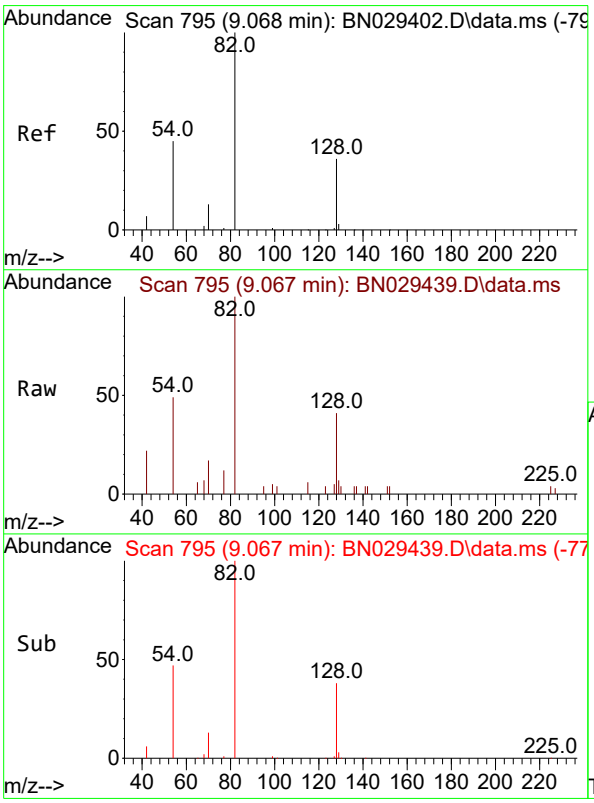
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.701 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:136 Resp: 11149

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.7	14.5
54	7.6	6.6	10.0
68	6.7	5.7	8.5

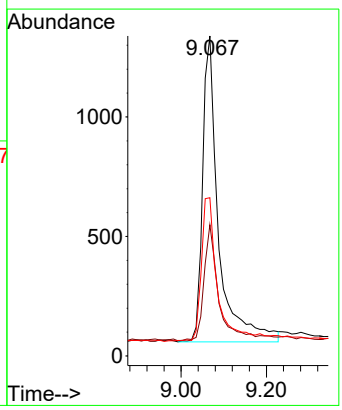


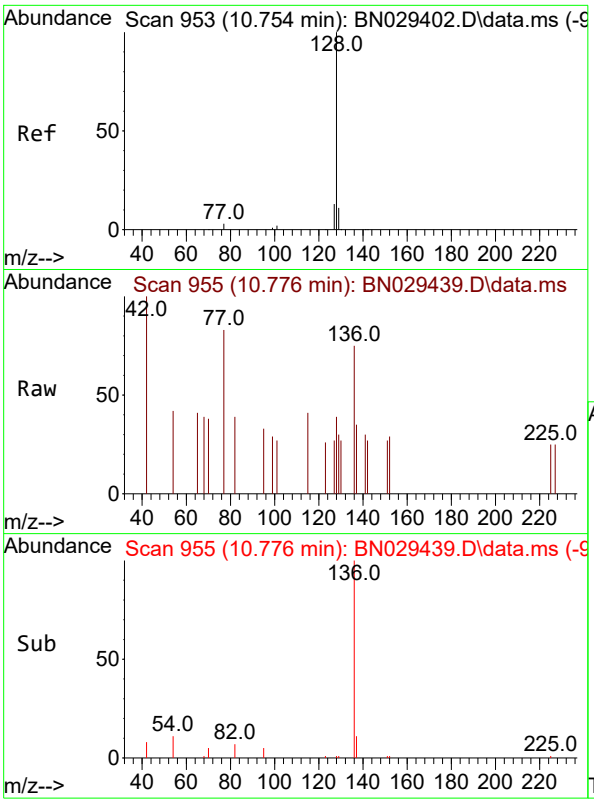


#8
Nitrobenzene-d5
Concen: 0.357 ng
RT: 9.067 min Scan# 795
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion: 82 Resp: 3314

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.6	47.4
54	49.4	38.2	57.4



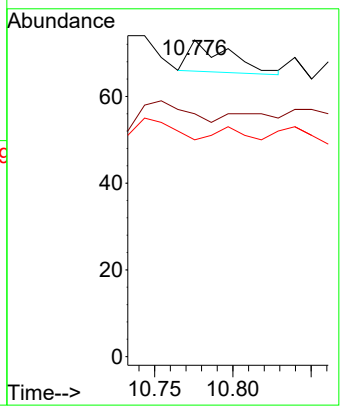


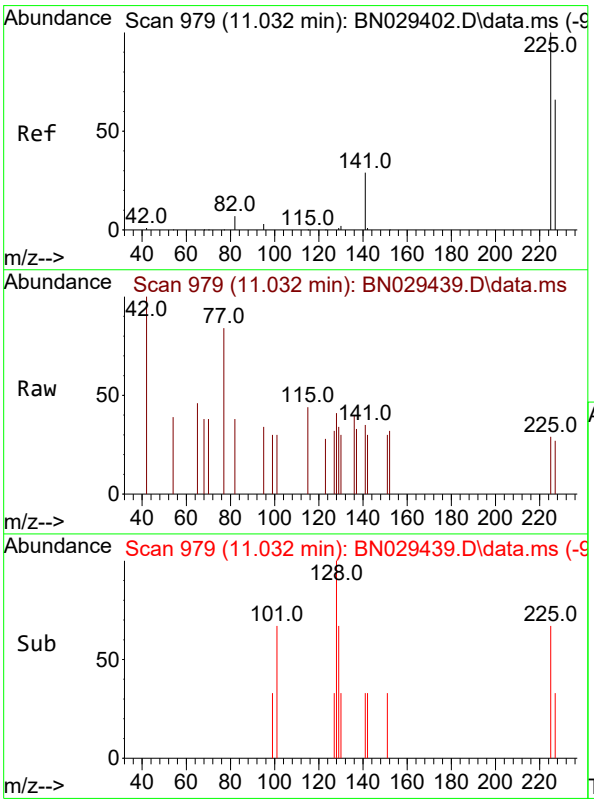
#9
Naphthalene
Concen: 0.000 ng
RT: 10.776 min Scan# 9
Delta R.T. 0.021 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:128 Resp: 13

Ion	Ratio	Lower	Upper
128	100		
129	76.7	9.5	14.3#
127	68.5	10.8	16.2#

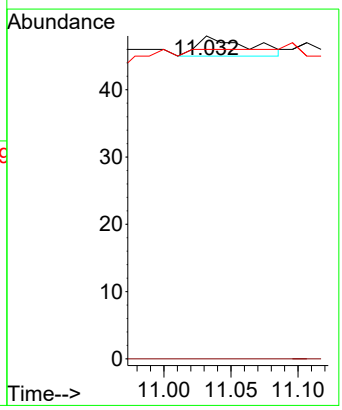


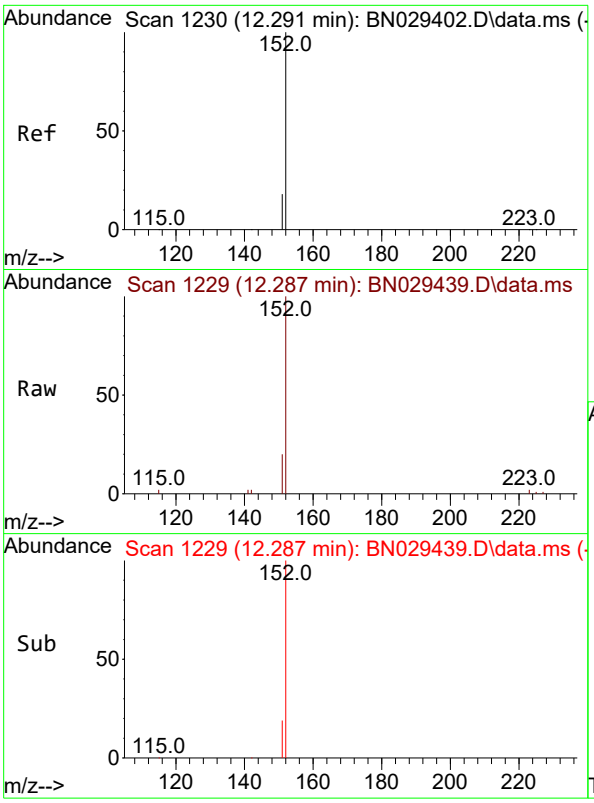


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 11.032 min Scan# 979
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:225 Resp: 8

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.1	76.7#



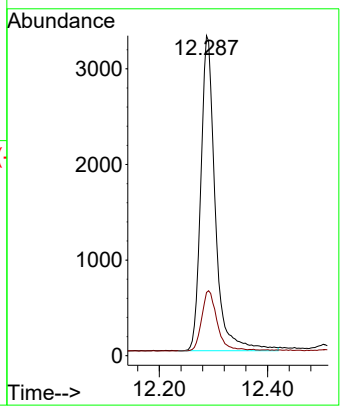


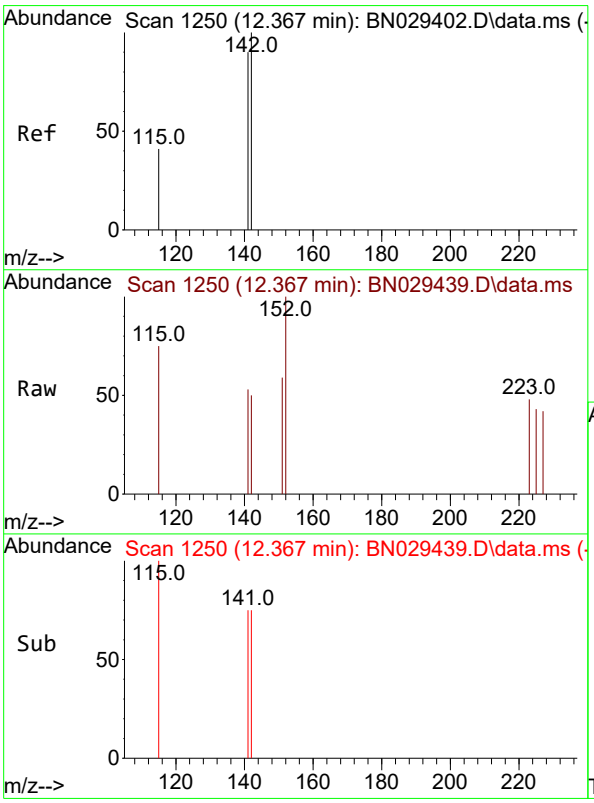
#11
2-Methylnaphthalene-d10
Concen: 0.401 ng
RT: 12.287 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:152 Resp: 6095

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.1	25.7

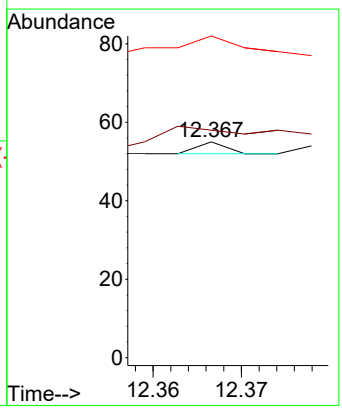


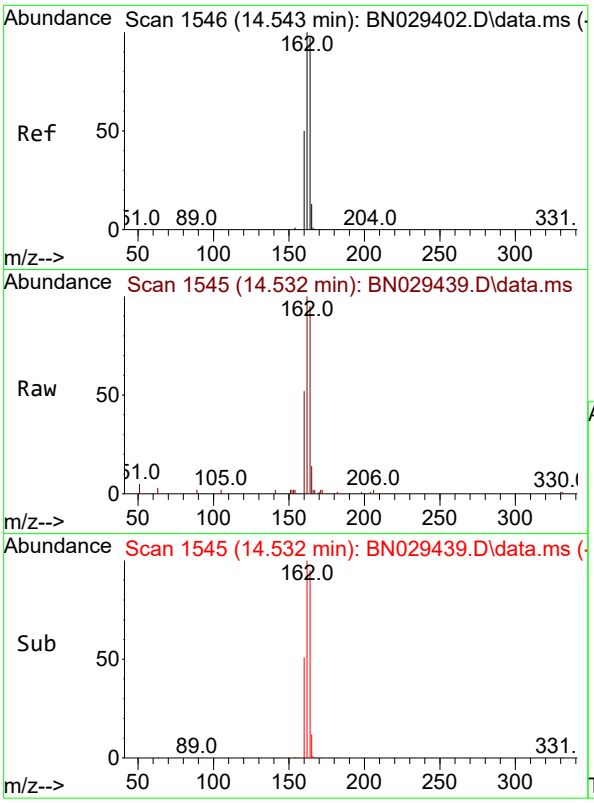


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.367 min Scan# 1250
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:142 Resp: 1

Ion	Ratio	Lower	Upper
142	100		
141	105.5	71.9	107.9
115	149.1	33.9	50.9#



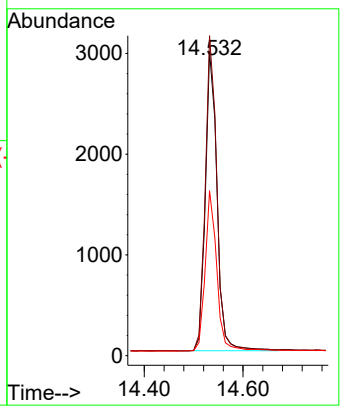


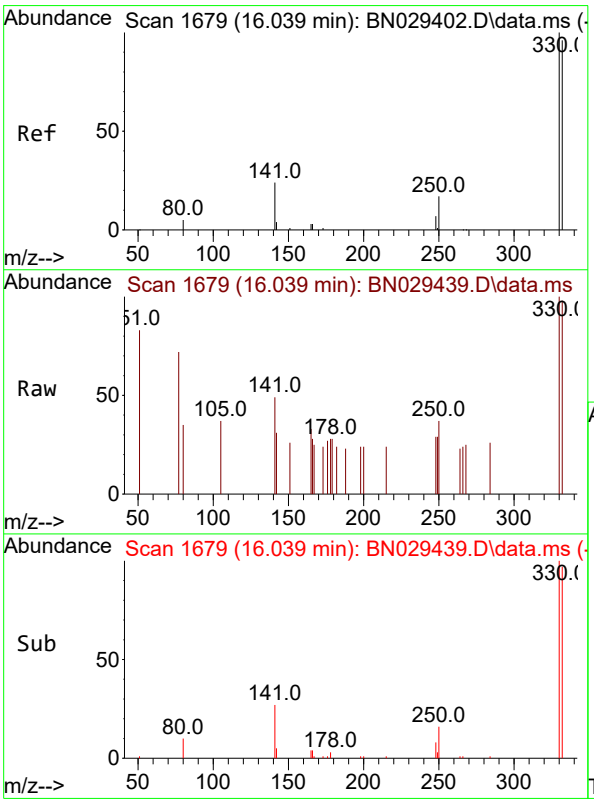
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:164 Resp: 4890

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	54.2	41.5	62.3

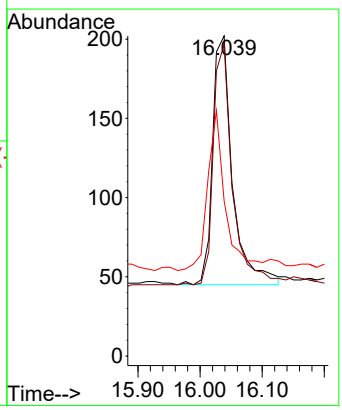


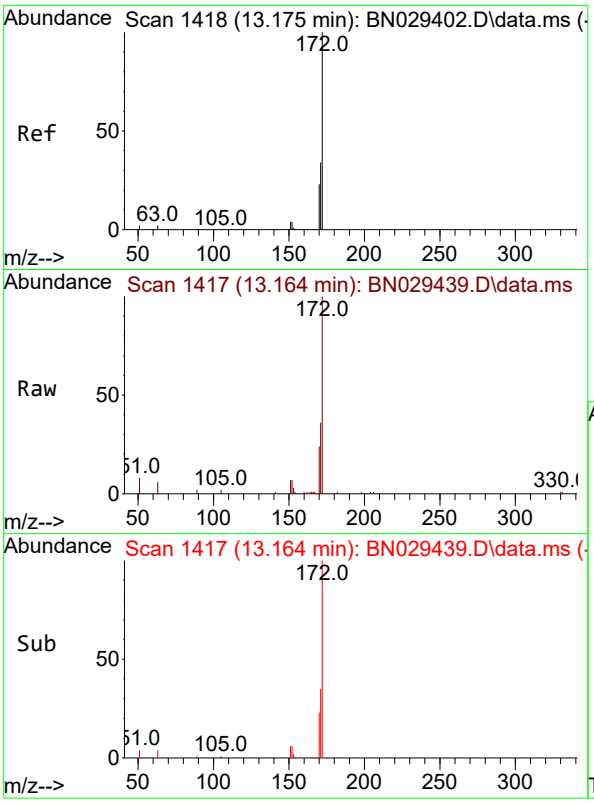


#14
2,4,6-Tribromophenol
Concen: 0.225 ng
RT: 16.039 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:330 Resp: 353

Ion	Ratio	Lower	Upper
330	100		
332	90.9	76.0	114.0
141	56.7	43.4	65.2



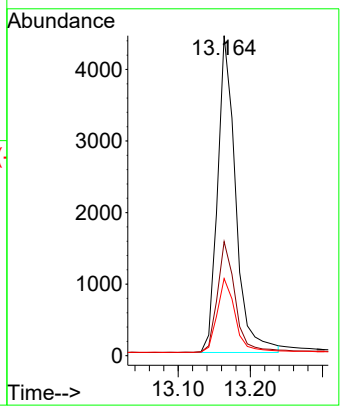


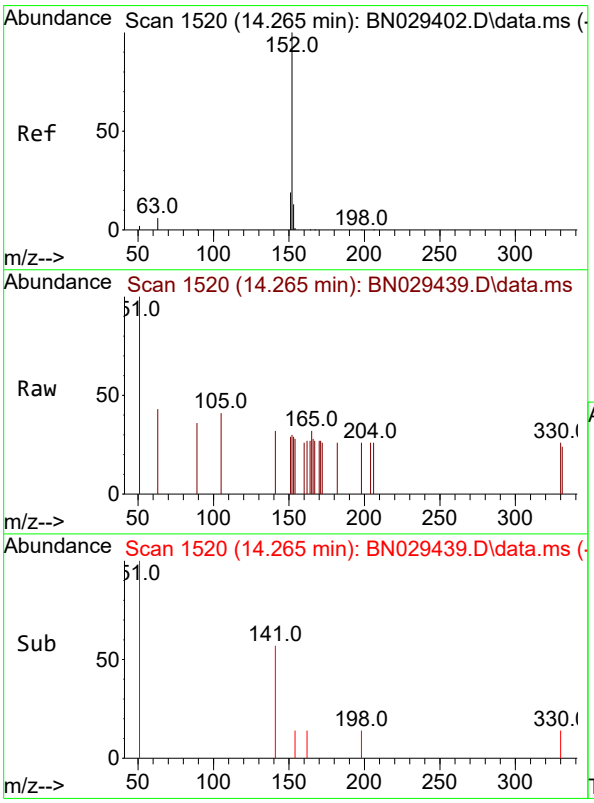
#15
2-Fluorobiphenyl
Concen: 0.366 ng
RT: 13.164 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:172 Resp: 7684

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.0	42.0
170	24.1	18.7	28.1

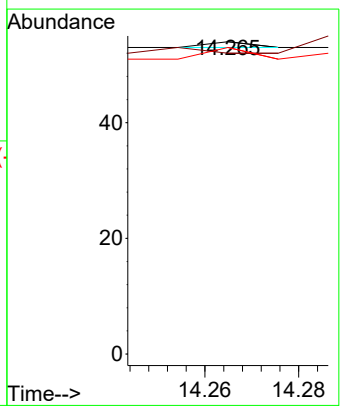


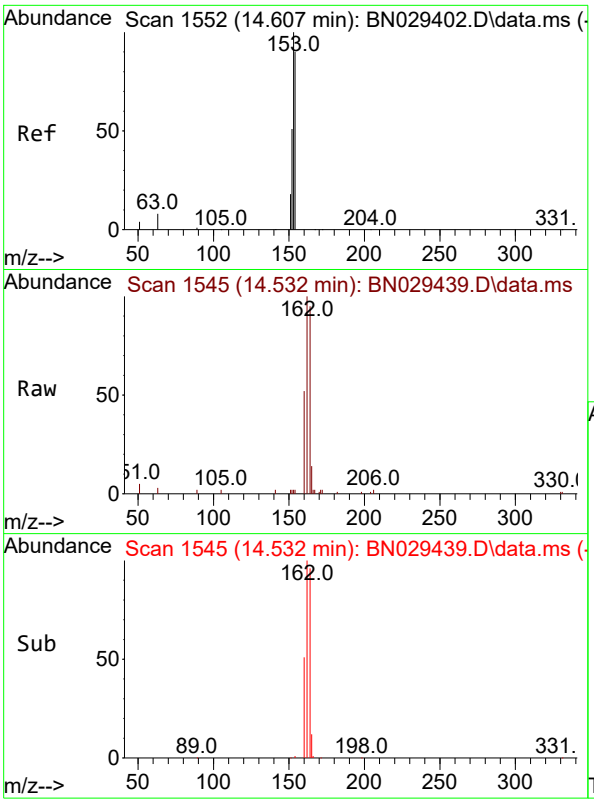


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.265 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:152 Resp: 1

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.9	23.9#
153	400.0	10.5	15.7#



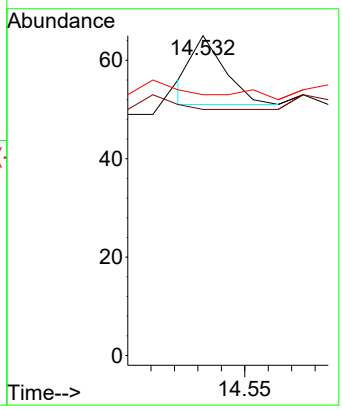


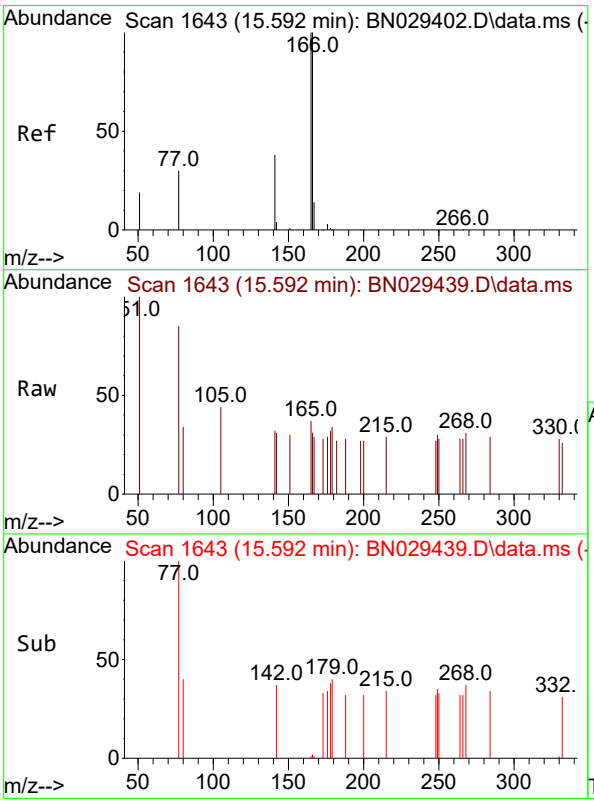
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.532 min Scan# 1
Delta R.T. -0.075 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:154 Resp: 13

Ion	Ratio	Lower	Upper
154	100		
153	0.0	93.6	140.4#
152	0.0	48.6	73.0#

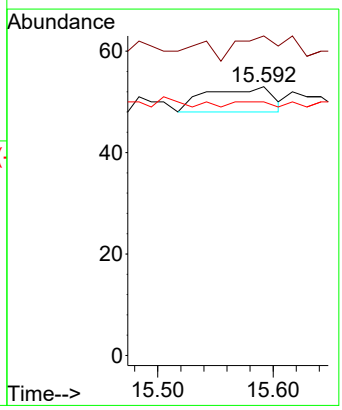


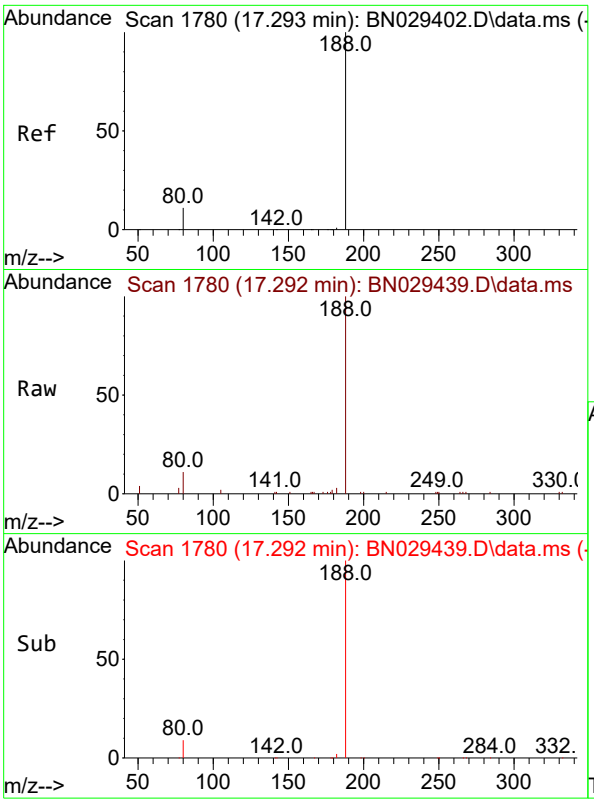


#18
Fluorene
Concen: 0.001 ng
RT: 15.592 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:166 Resp: 19

Ion	Ratio	Lower	Upper
166	100		
165	94.7	79.9	119.9
167	0.0	11.3	16.9#



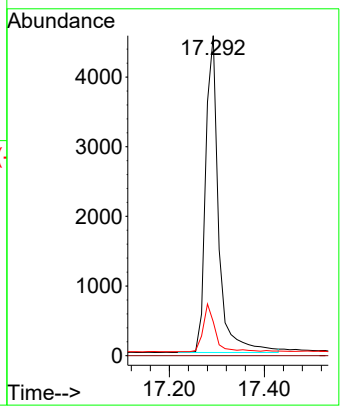


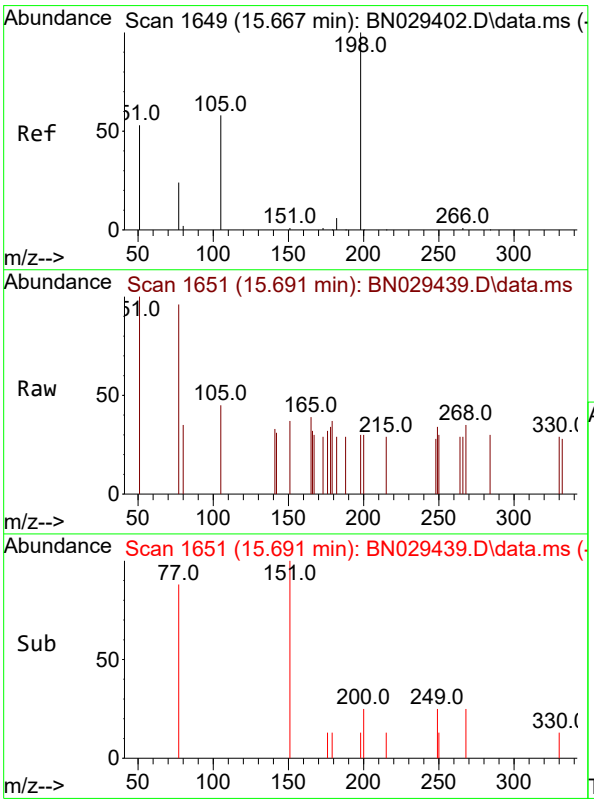
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.292 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:188 Resp: 8687

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.6	10.0	15.0

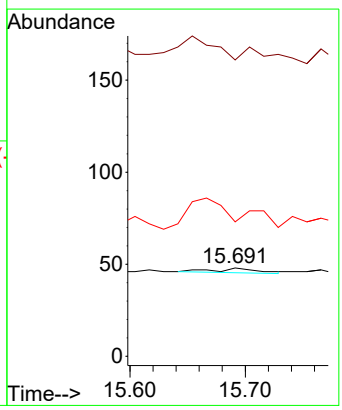


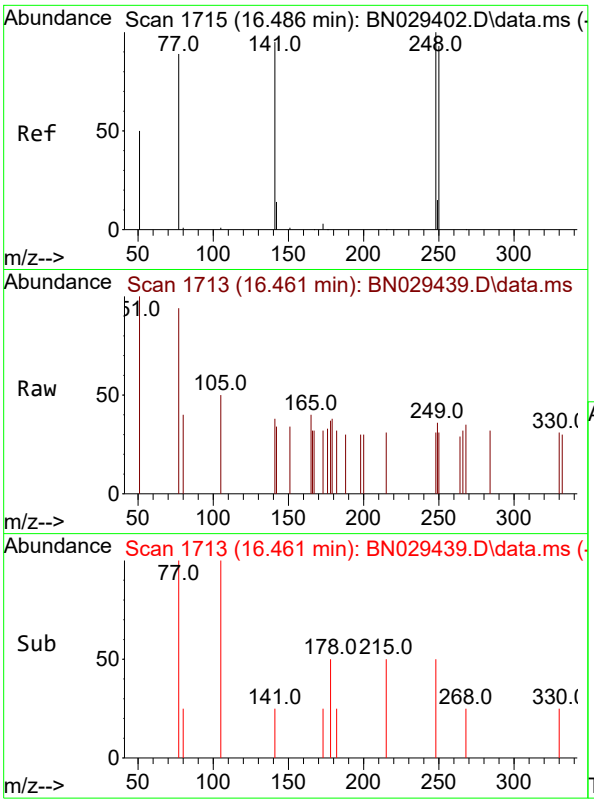


#20
4,6-Dinitro-2-methylphenol
Concen: 0.005 ng
RT: 15.691 min Scan# 1651
Delta R.T. 0.025 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:198 Resp: 6

Ion	Ratio	Lower	Upper
198	100		
51	335.4	111.0	166.6#
105	152.1	67.0	100.6#



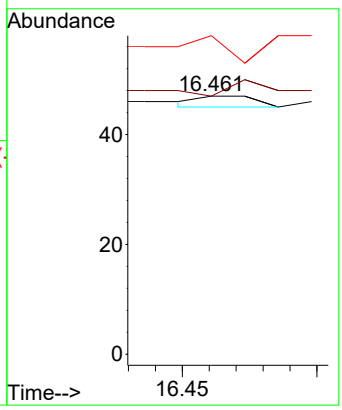


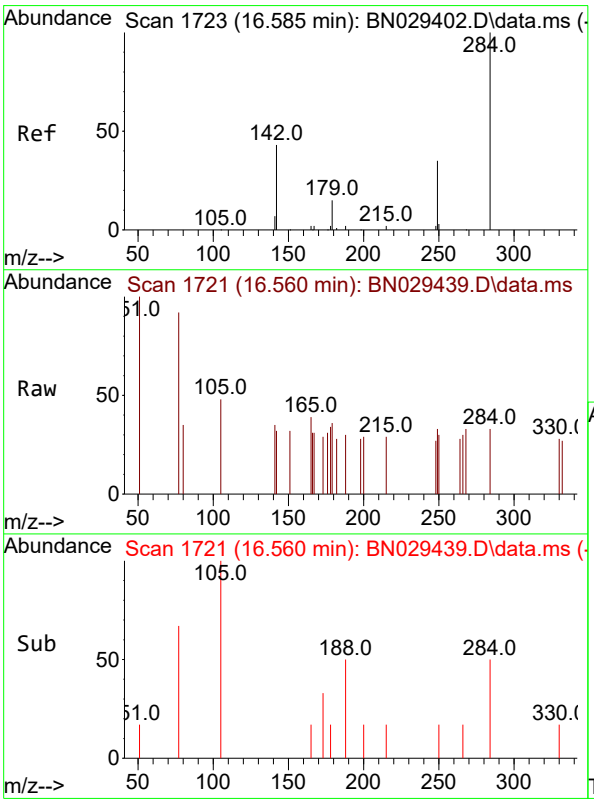
#21
4-Bromophenyl-phenylether
Concen: 0.001 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.025 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:248 Resp: 3

Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.0	112.4
141	123.4	77.0	115.6#

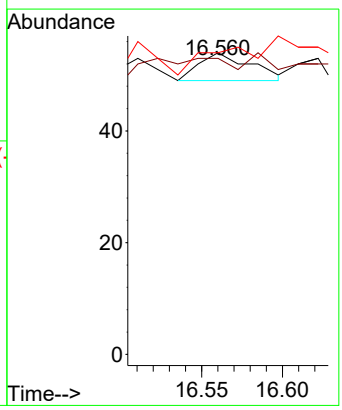


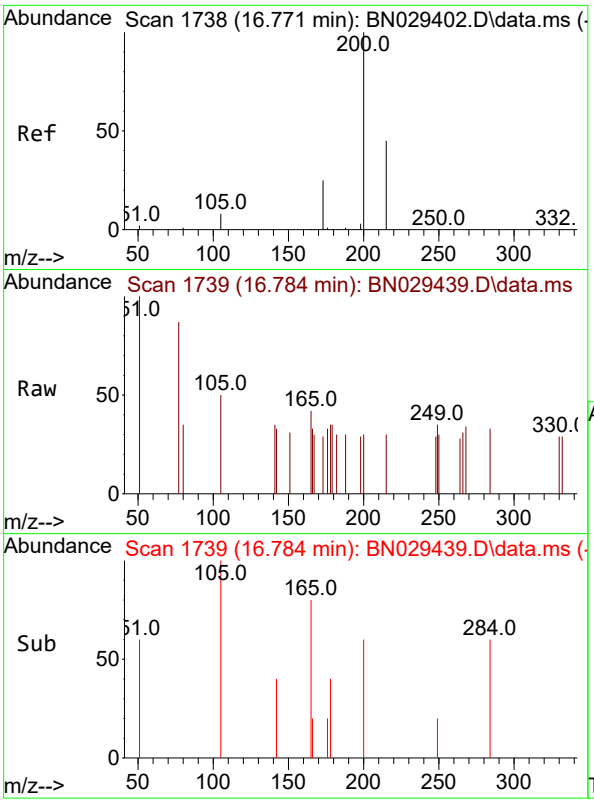


#22
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.025 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:284 Resp: 11

Ion	Ratio	Lower	Upper
284	100		
142	0.0	39.4	59.2#
249	0.0	26.9	40.3#



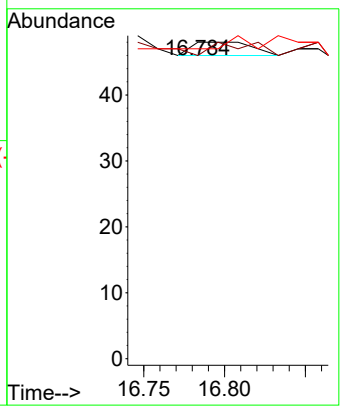


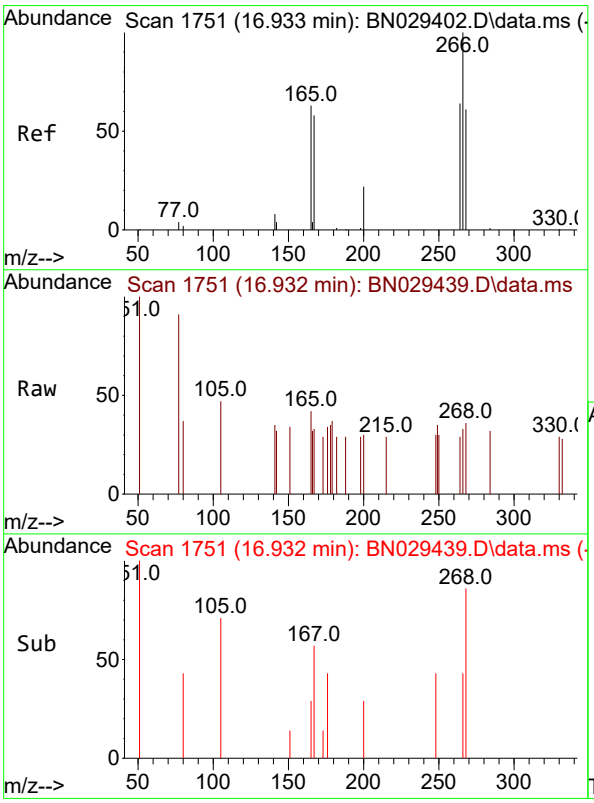
#23
Atrazine
Concen: 0.001 ng
RT: 16.784 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:200 Resp: 5

Ion	Ratio	Lower	Upper
200	100		
173	95.8	23.4	35.0#
215	97.9	38.4	57.6#

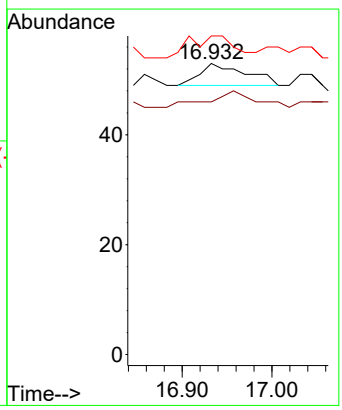


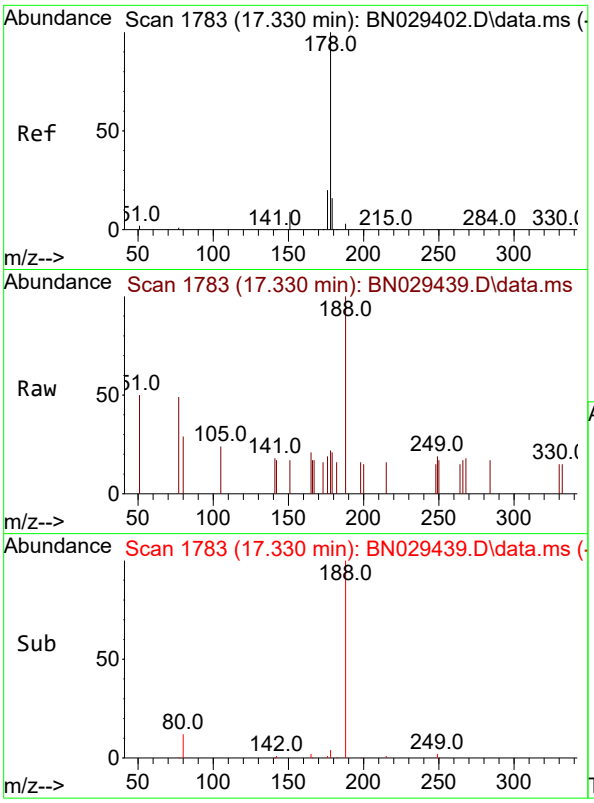


#24
Pentachlorophenol
Concen: 0.007 ng
RT: 16.932 min Scan# 1751
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:266 Resp: 14

Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.8	76.2#
268	0.0	51.5	77.3#



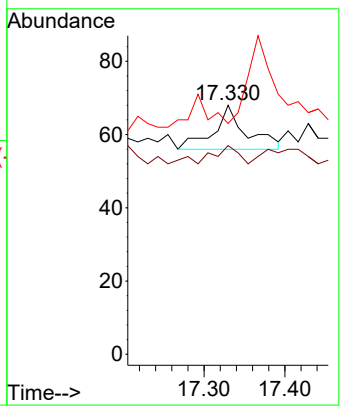


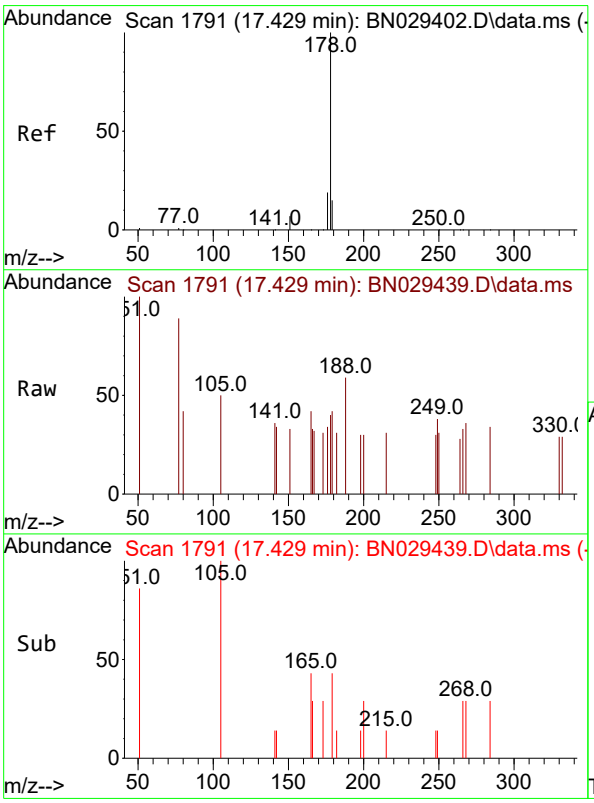
#25
Phenanthrene
Concen: 0.001 ng
RT: 17.330 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:178 Resp: 34

Ion	Ratio	Lower	Upper
178	100		
176	32.4	15.8	23.6#
179	0.0	12.6	19.0#

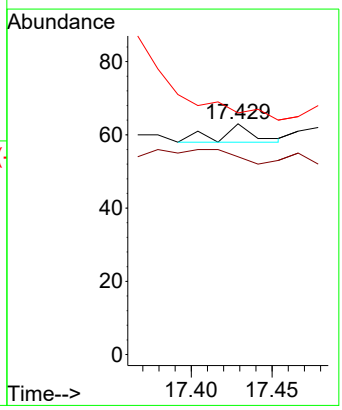


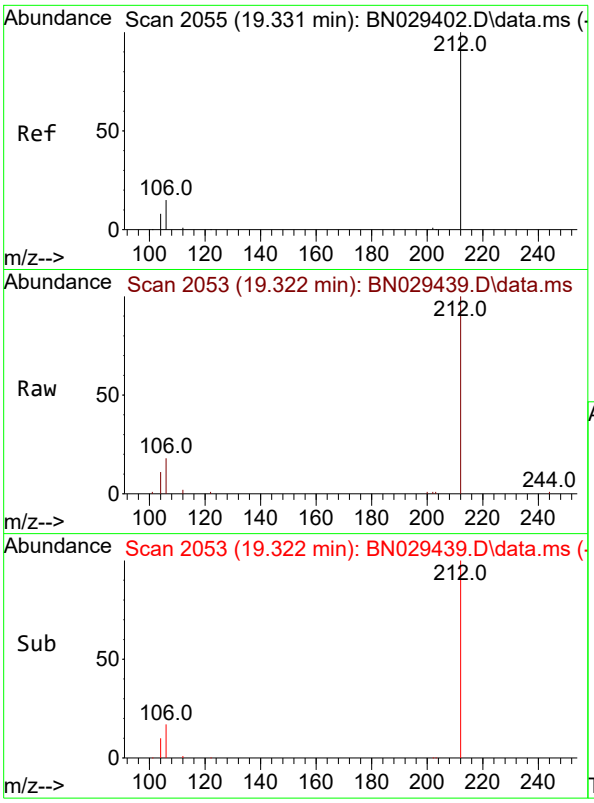


#26
Anthracene
Concen: 0.000 ng
RT: 17.429 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:178 Resp: 7

Ion	Ratio	Lower	Upper
178	100		
176	0.0	15.0	22.4#
179	0.0	12.3	18.5#



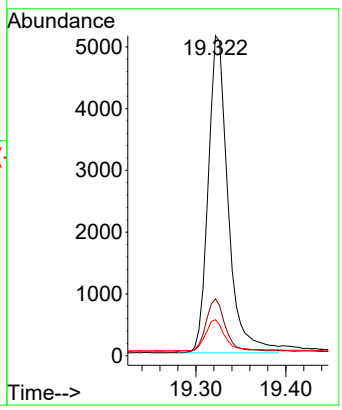


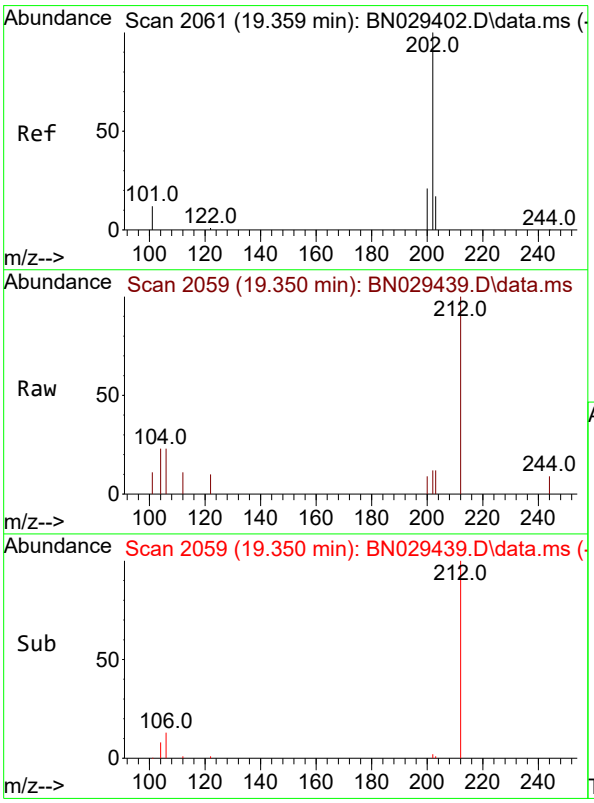
#27
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.322 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:212 Resp: 7890

Ion	Ratio	Lower	Upper
212	100		
106	16.9	13.2	19.8
104	9.8	7.7	11.5

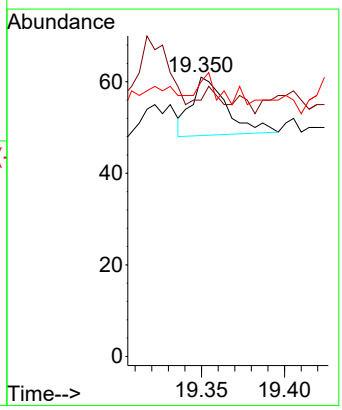


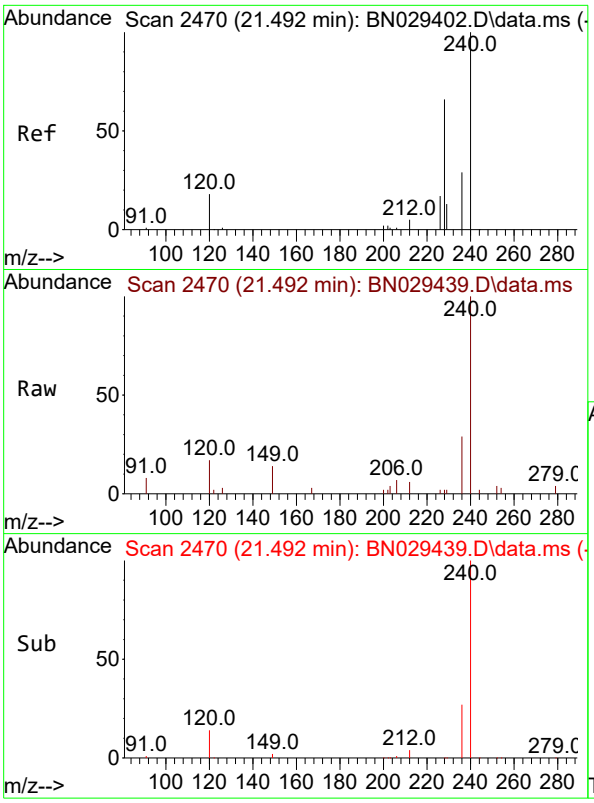


#28
Fluoranthene
Concen: 0.001 ng
RT: 19.350 min Scan# 2059
Delta R.T. -0.010 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:202 Resp: 19

Ion	Ratio	Lower	Upper
202	100		
101	10.5	10.5	15.7
203	21.1	13.5	20.3#



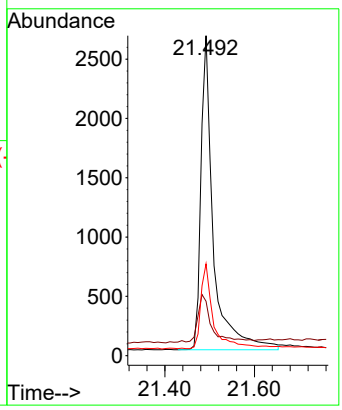


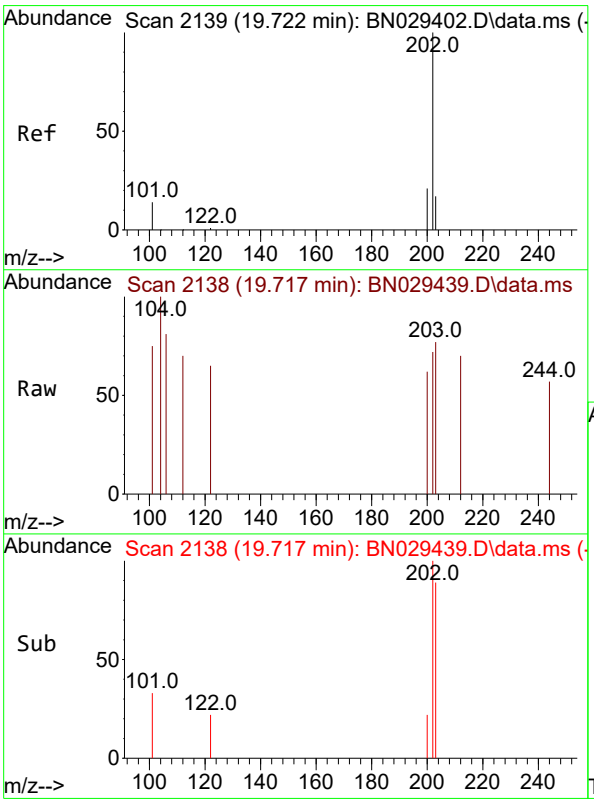
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.492 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:240 Resp: 5106

Ion	Ratio	Lower	Upper
240	100		
120	17.0	16.7	25.1
236	28.7	23.9	35.9

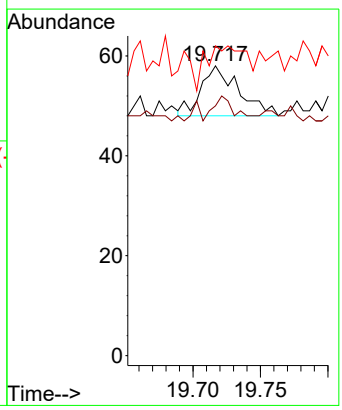


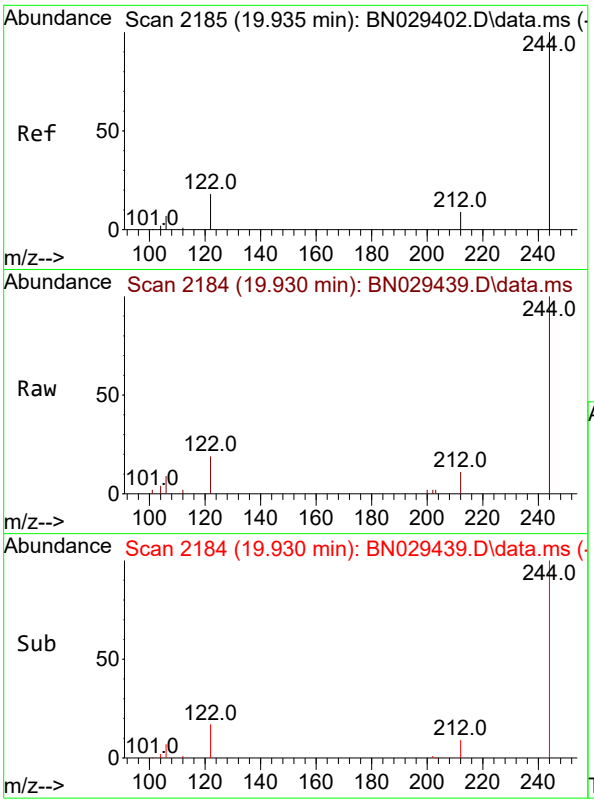


#30
Pyrene
Concen: 0.001 ng
RT: 19.717 min Scan# 2138
Delta R.T. -0.005 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:202 Resp: 20

Ion	Ratio	Lower	Upper
202	100		
200	25.0	16.6	25.0#
203	95.0	14.2	21.4#



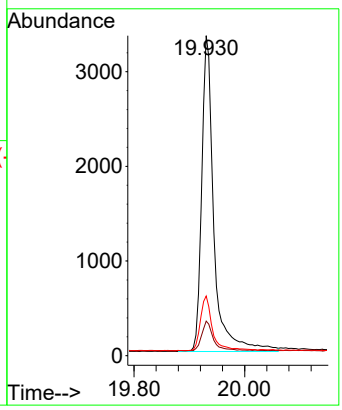


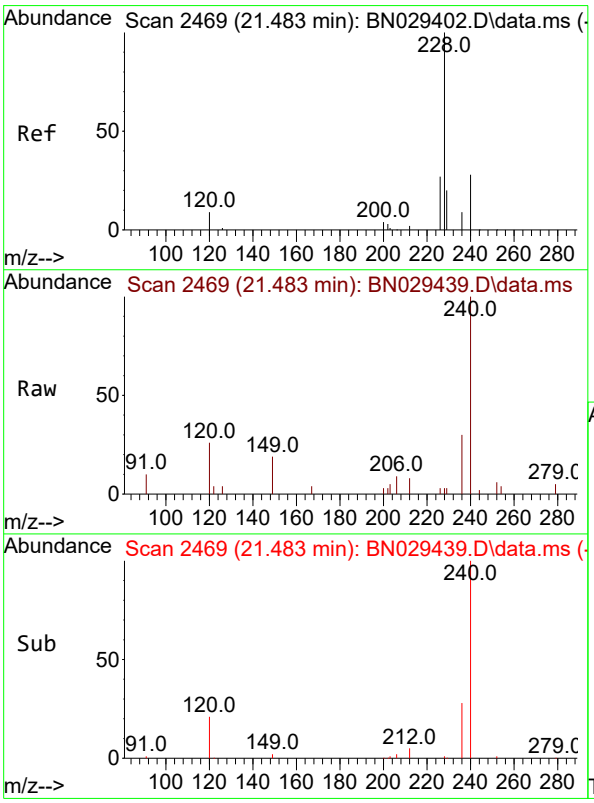
#31
Terphenyl-d14
Concen: 0.404 ng
RT: 19.930 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:244 Resp: 5114

Ion	Ratio	Lower	Upper
244	100		
212	10.8	8.2	12.4
122	18.7	15.6	23.4

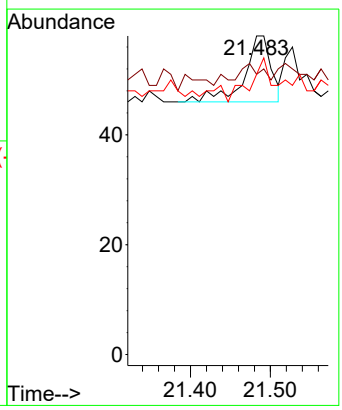


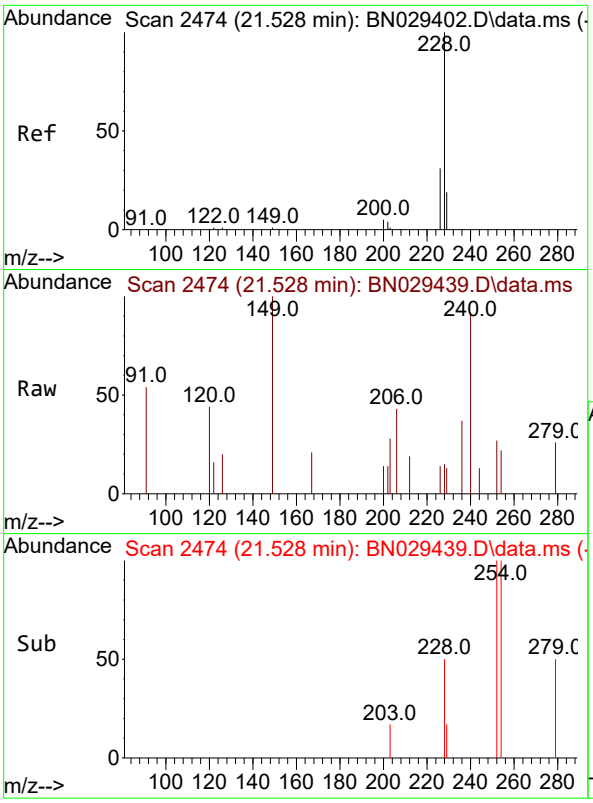


#32
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.483 min Scan# 2469
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:228 Resp: 28

Ion	Ratio	Lower	Upper
228	100		
226	87.9	22.2	33.4#
229	87.9	16.5	24.7#



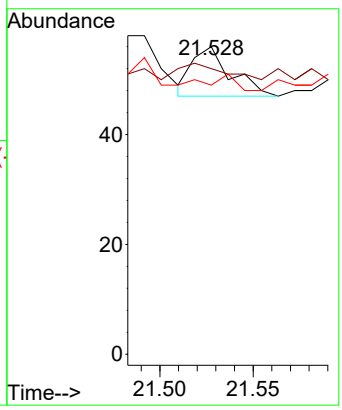


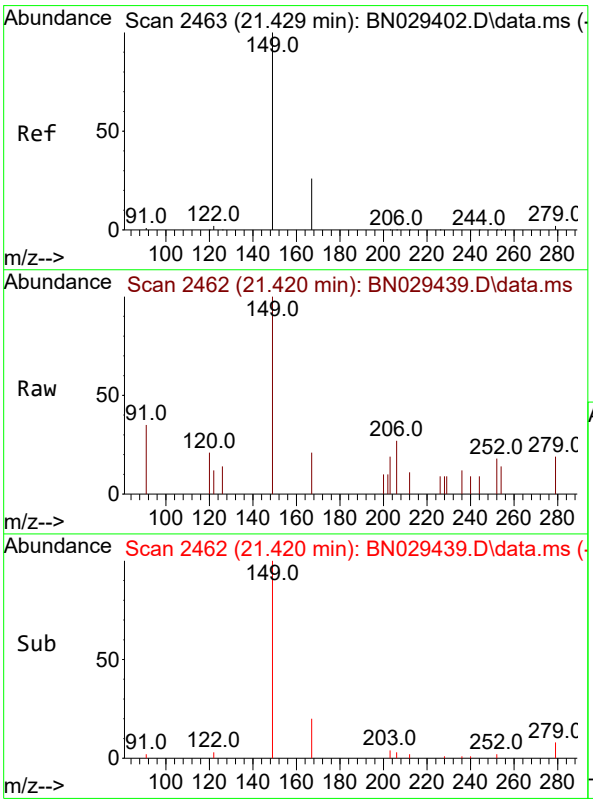
#33
Chrysene
Concen: 0.001 ng
RT: 21.528 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:228 Resp: 13

Ion	Ratio	Lower	Upper
228	100		
226	92.9	24.9	37.3#
229	87.5	15.9	23.9#

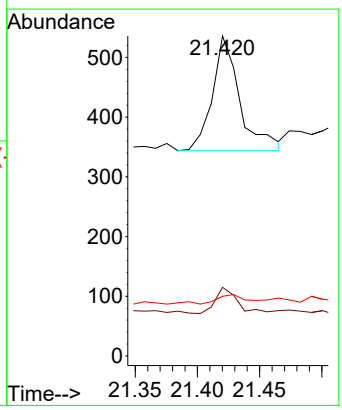


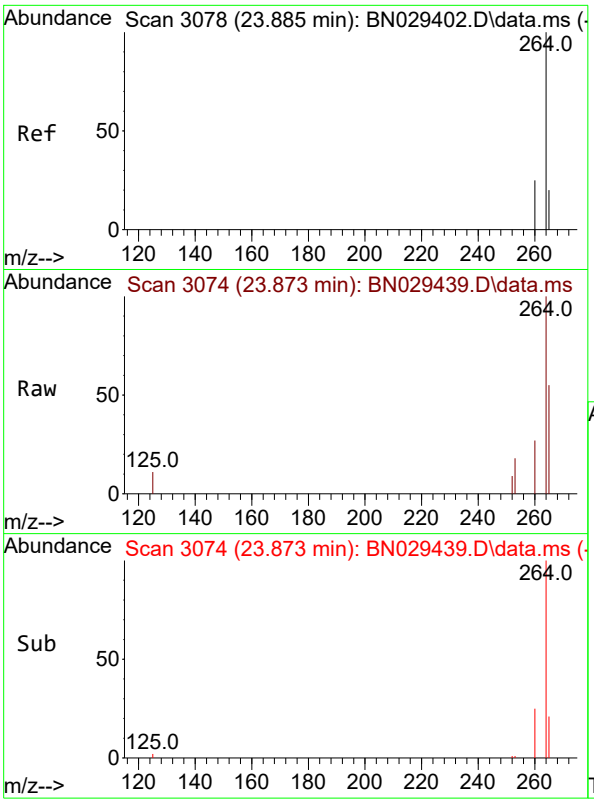


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.025 ng
RT: 21.420 min Scan# 2462
Delta R.T. -0.009 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:149 Resp: 294

Ion	Ratio	Lower	Upper
149	100		
167	18.4	20.1	30.1#
279	9.5	2.5	3.7#



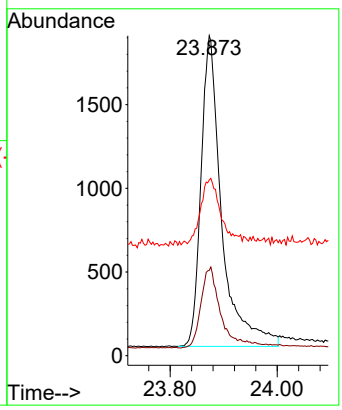


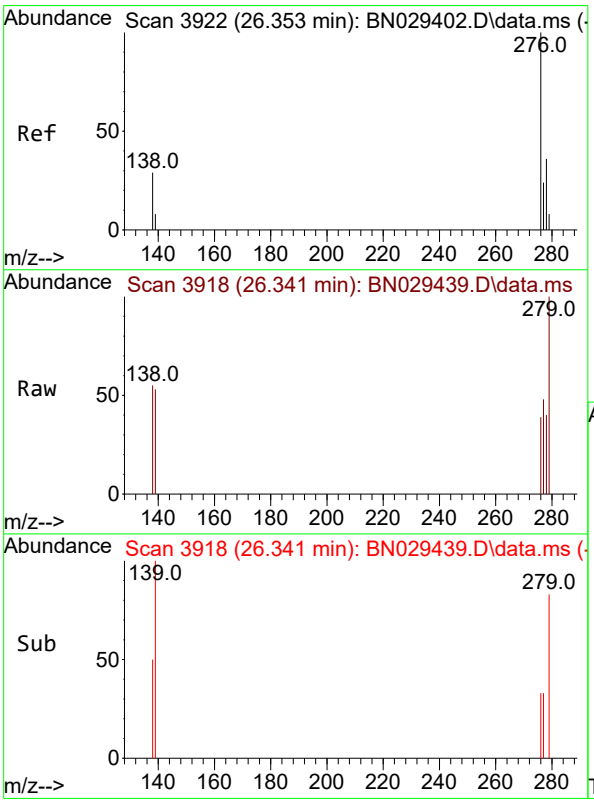
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.873 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:264 Resp: 4962

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.2	31.8
265	54.9	41.5	62.3

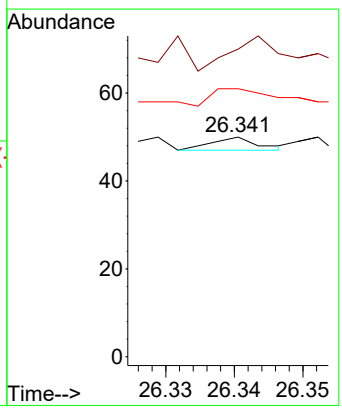


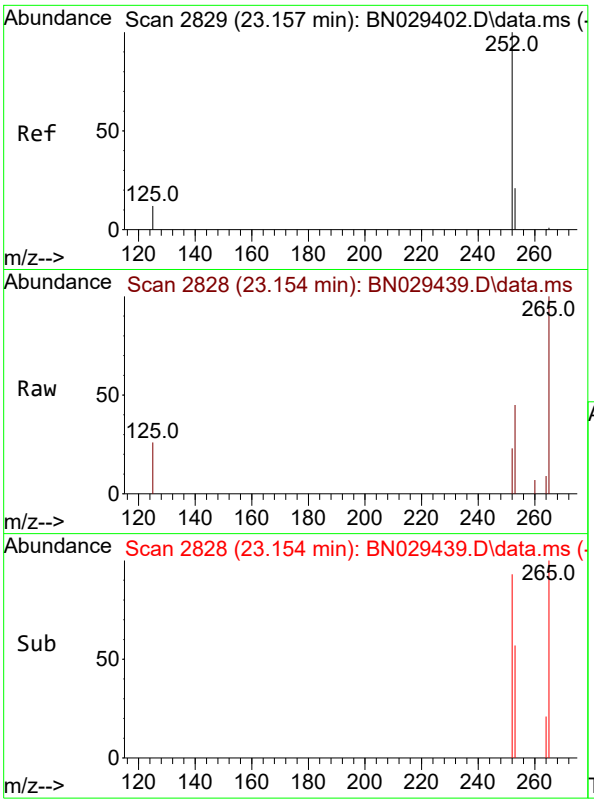


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.341 min Scan# 3918
Delta R.T. -0.012 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:276 Resp: 1

Ion	Ratio	Lower	Upper
276	100		
138	400.0	20.5	30.7#
277	400.0	17.0	25.4#



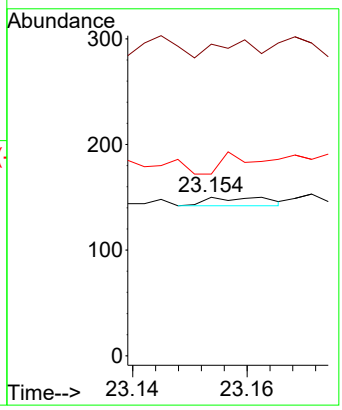


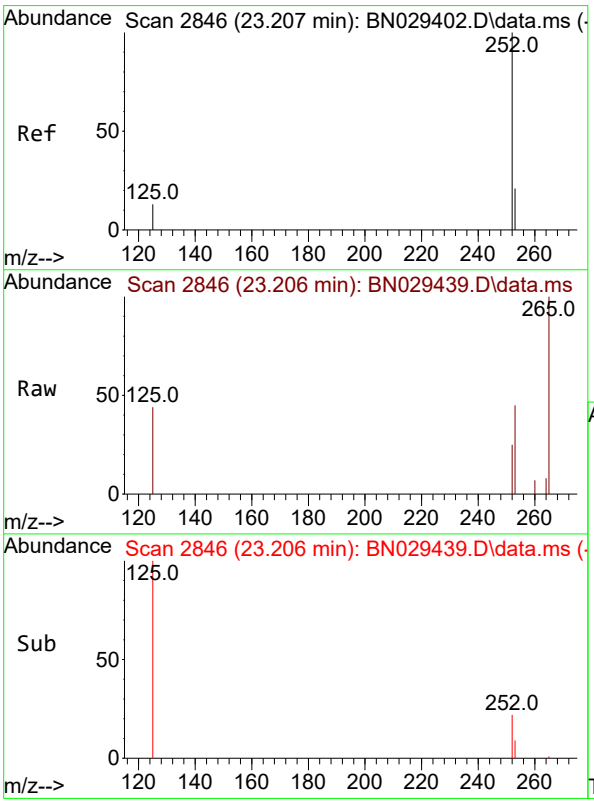
#37
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 23.154 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	196.7	21.7	32.5#
125	114.7	13.3	19.9#

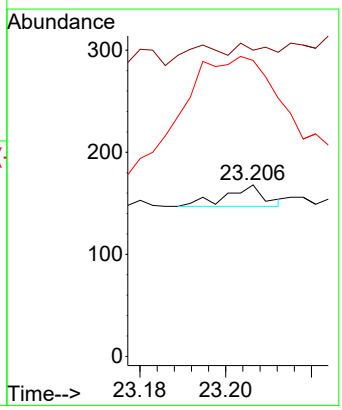


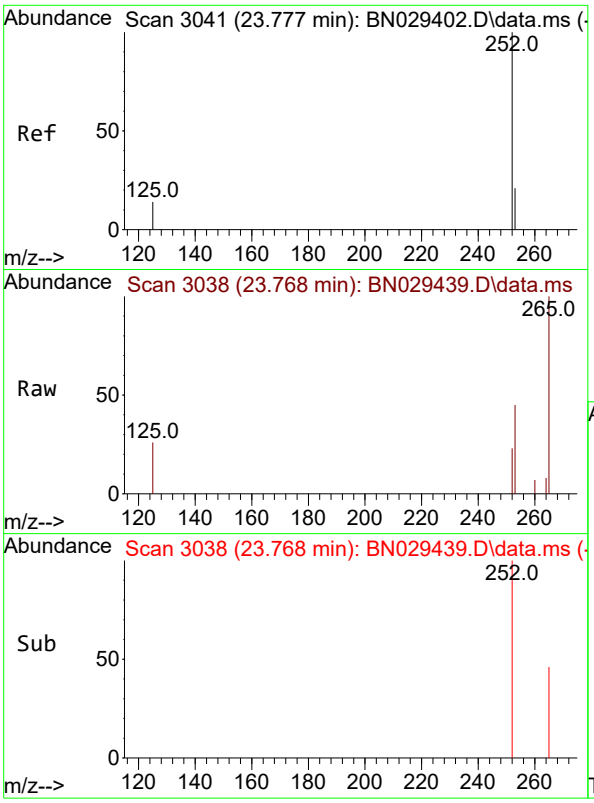


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.206 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:252 Resp: 13

Ion	Ratio	Lower	Upper
252	100		
253	178.6	21.8	32.8#
125	172.6	13.9	20.9#



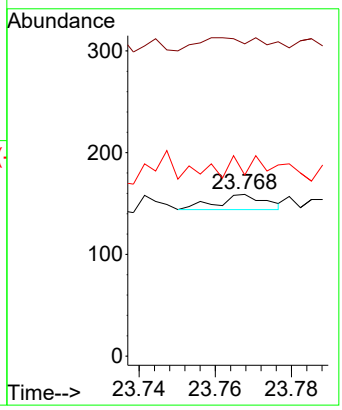


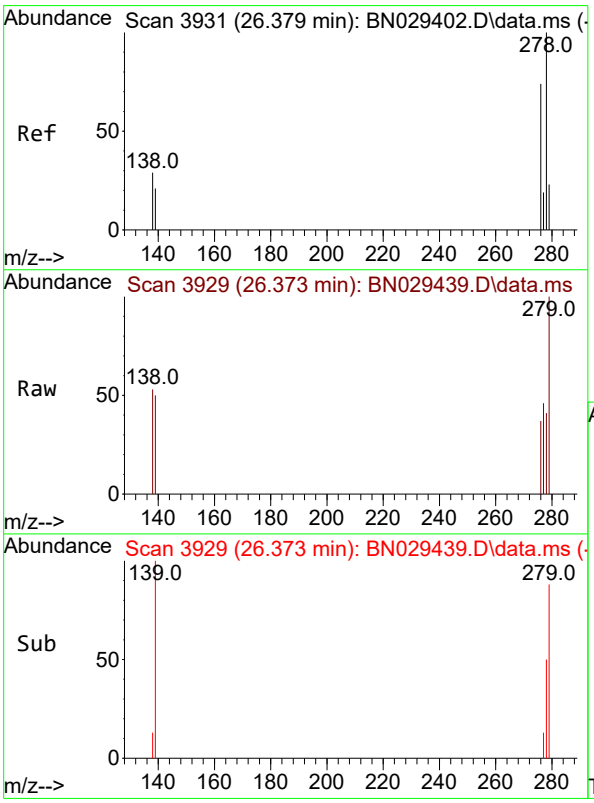
#39
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.768 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:252 Resp: 13

Ion	Ratio	Lower	Upper
252	100		
253	193.1	24.9	37.3#
125	111.9	16.6	25.0#

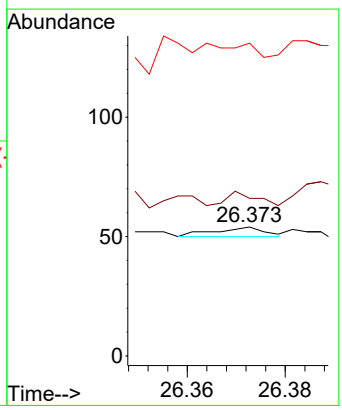


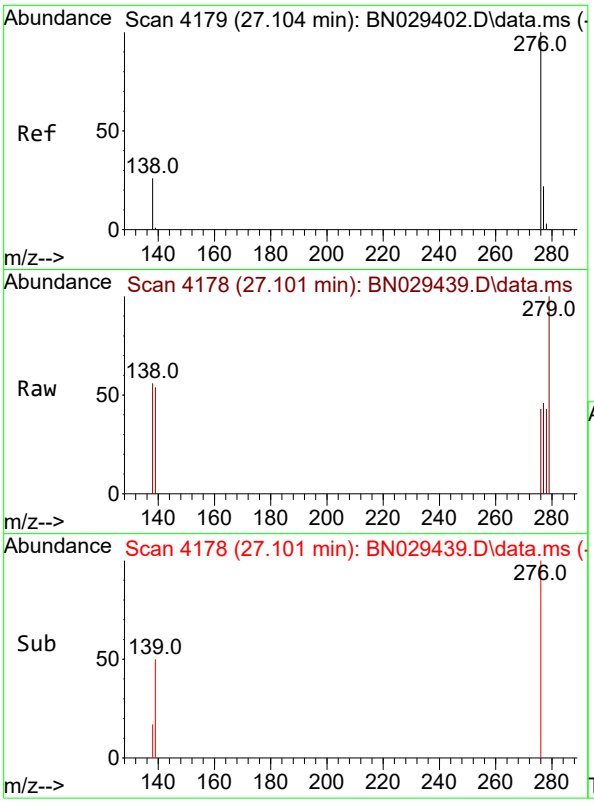


#40
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.373 min Scan# 3929
Delta R.T. -0.006 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Tgt Ion:278 Resp: 3

Ion	Ratio	Lower	Upper
278	100		
139	122.2	20.4	30.6#
279	242.6	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.101 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN029439.D
Acq: 31 Jan 2024 08:09

Instrument :
BNA_N
ClientSampleId :
PB158557BL

Tgt Ion:276 Resp: 2

Ion	Ratio	Lower	Upper
276	100		
277	105.7	19.4	29.2#
138	130.2	23.5	35.3#