Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029086.D
Acq On : 07 Dec 2023 10:38
Operator : MA/JU
Sample : 05551-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-105

Quant Time: Dec 07 11:15:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.768	152	978	0.400	ng	0.00
7) Naphthalene-d8	10.552	136	2040	0.400	ng	-0.01
13) Acenaphthene-d10	14.396	164	1507	0.400	ng	0.00
19) Phenanthrene-d10	17.147	188	3608	0.400	ng	# 0.00
29) Chrysene-d12	21.347	240	2741	0.400	ng	# 0.00
35) Perylene-d12	23.667	264	2841	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	223	0.101	ng	0.00
5) Phenol-d6	6.981	99	143	0.054	ng	0.00
8) Nitrobenzene-d5	8.939	82	593	0.241	ng	0.00
11) 2-Methylnaphthalene-d10	12.140	152	981	0.229	ng	0.00
14) 2,4,6-Tribromophenol	15.893	330	372	0.224	ng	0.00
15) 2-Fluorobiphenyl	13.028	172	2315	0.297	ng	0.00
27) Fluoranthene-d10	19.181	212	2920	0.258	ng	0.00
31) Terphenyl-d14	19.789	244	2104	0.303	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.658	42	18	0.038	ng	# 1
16) Acenaphthylene	14.118	152	332	0.040	ng	# 86
17) Acenaphthene	14.450	154	1085	0.208	ng	99
18) Fluorene	15.444	166	495	0.060	ng	# 92
25) Phenanthrene	17.271	178	861	0.071	ng	97
26) Anthracene	17.271	178	772	0.066	ng	95
28) Fluoranthene	19.209	202	5163	0.312	ng	# 97
30) Pyrene	19.571	202	5795	0.341	ng	96
32) Benzo(a)anthracene	21.329	228	1351	0.097	ng	# 80
33) Chrysene	21.383	228	1164	0.085	ng	# 81
34) Bis(2-ethylhexyl)phtha...	21.275	149	1230	0.144	ng	92
36) Indeno(1,2,3-cd)pyrene	26.029	276	723	0.050	ng	# 75
37) Benzo(b)fluoranthene	22.962	252	1500	0.098	ng	# 29
39) Benzo(a)pyrene	23.559	252	1124	0.089	ng	# 25
41) Benzo(g,h,i)perylene	26.763	276	763	0.062	ng	# 55

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120623\
Data File : BN029086.D
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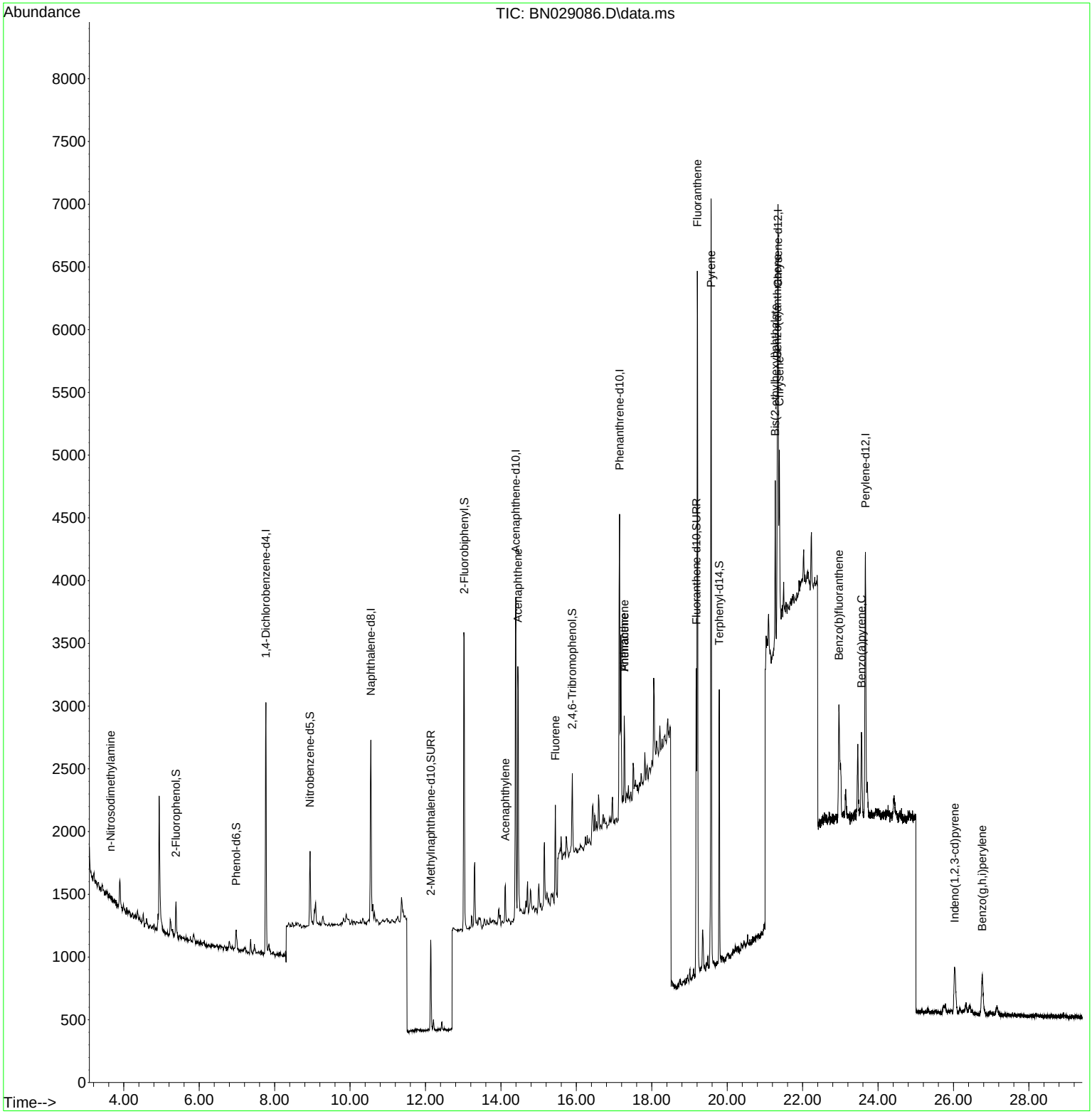
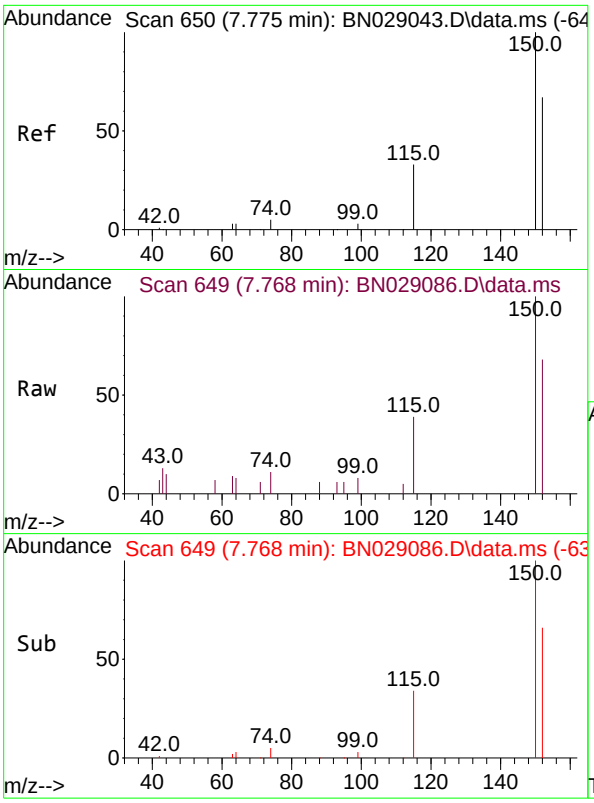
Operator : MA/JU
Sample : 05551-04
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-105

Quant Time: Dec 07 11:15:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration



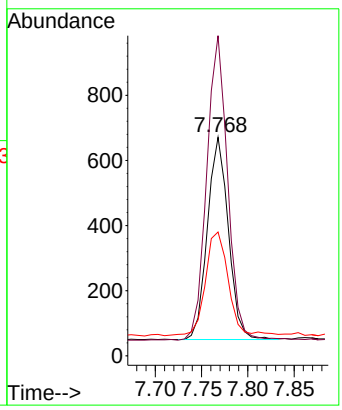


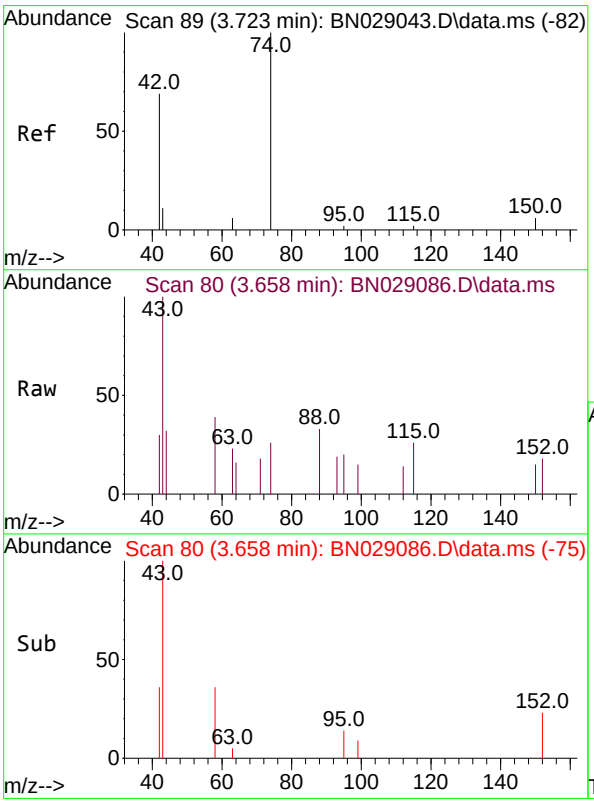
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:152 Resp: 978

Ion	Ratio	Lower	Upper
152	100		
150	146.5	116.2	174.4
115	56.6	45.1	67.7

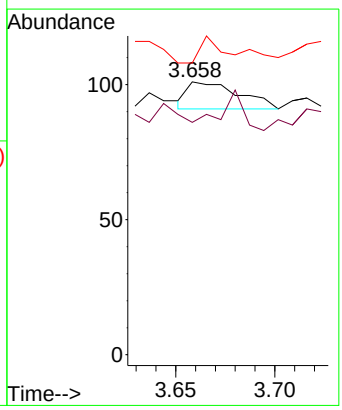


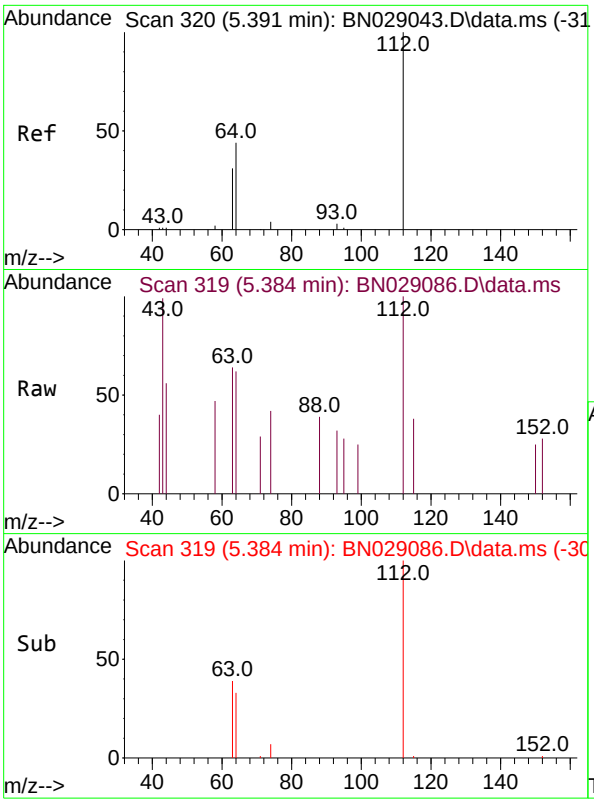


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.658 min Scan# 80
Delta R.T. -0.065 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion: 42 Resp: 18

Ion	Ratio	Lower	Upper
42	100		
74	0.0	106.3	159.5#
44	38.9	0.0	0.0#



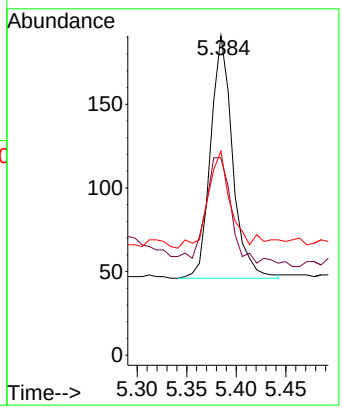


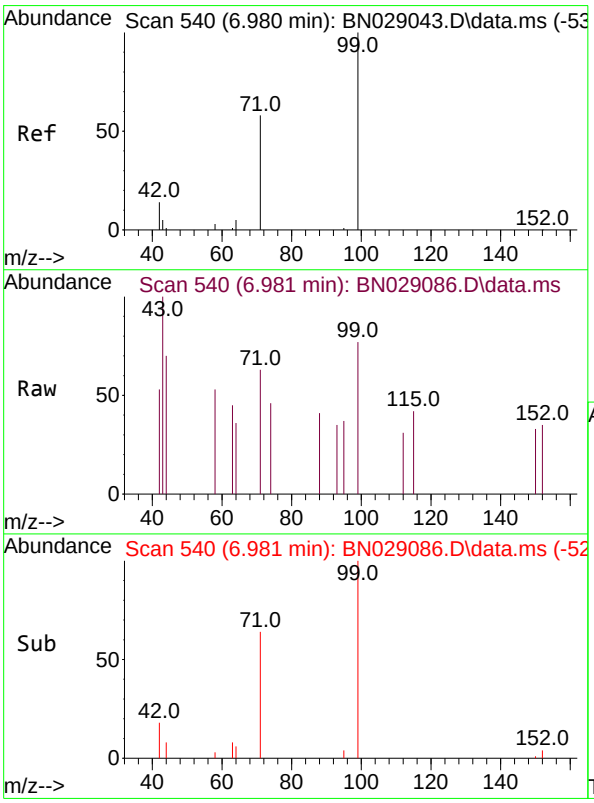
#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:112 Resp: 223

Ion	Ratio	Lower	Upper
112	100		
64	57.4	37.0	55.6#
63	39.5	29.0	43.6

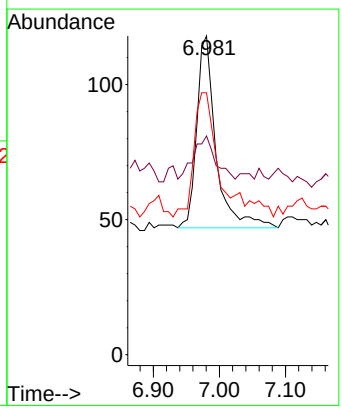


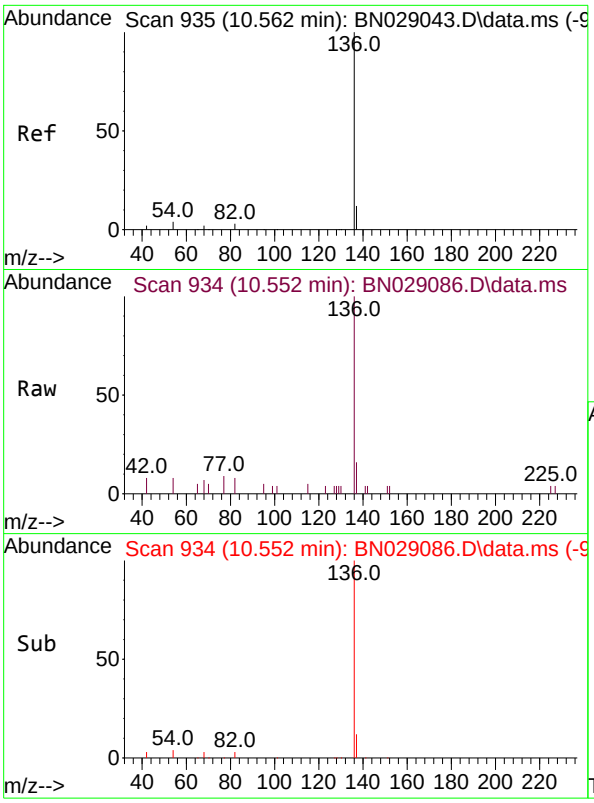


#5
Phenol-d6
Concen: 0.054 ng
RT: 6.981 min Scan# 540
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion: 99 Resp: 143

Ion	Ratio	Lower	Upper
99	100		
42	26.6	13.4	20.2#
71	82.5	47.8	71.6#



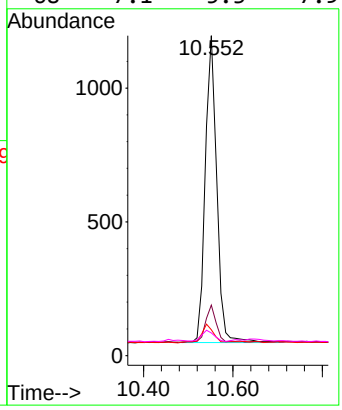


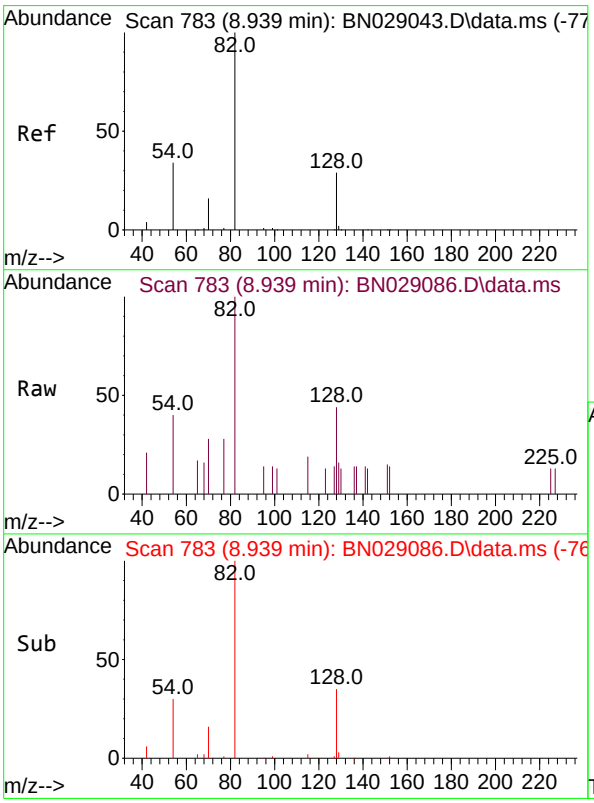
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.552 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:136 Resp: 2040

Ion	Ratio	Lower	Upper
136	100		
137	15.8	11.9	17.9
54	8.1	6.4	9.6
68	7.1	5.3	7.9

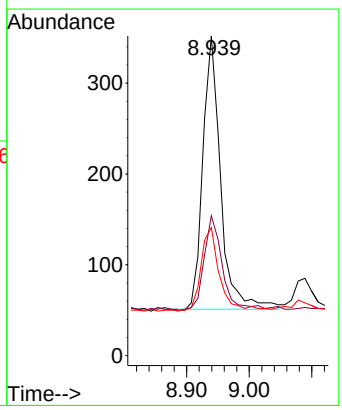


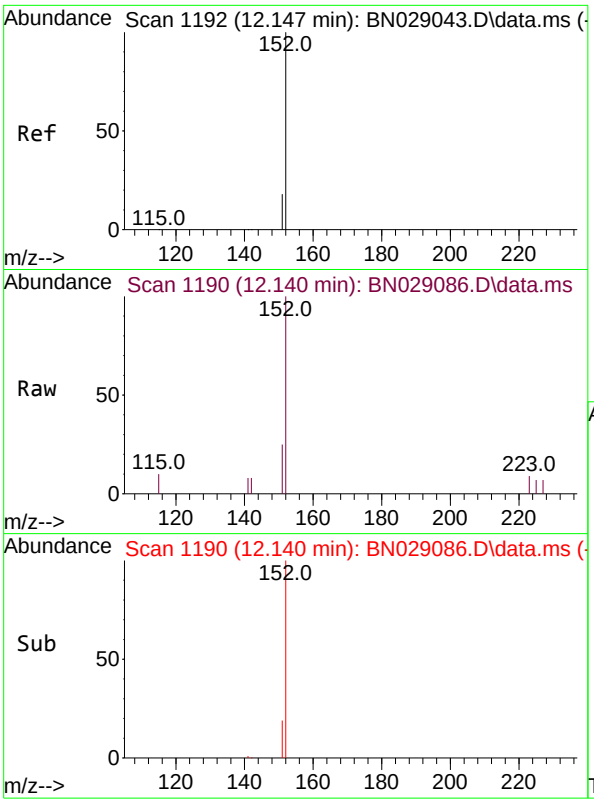


#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.939 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion: 82 Resp: 593

Ion	Ratio	Lower	Upper
82	100		
128	43.8	28.2	42.4#
54	40.1	32.1	48.1



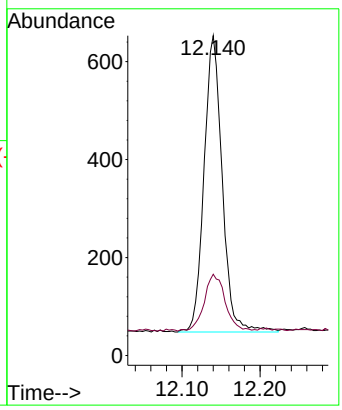


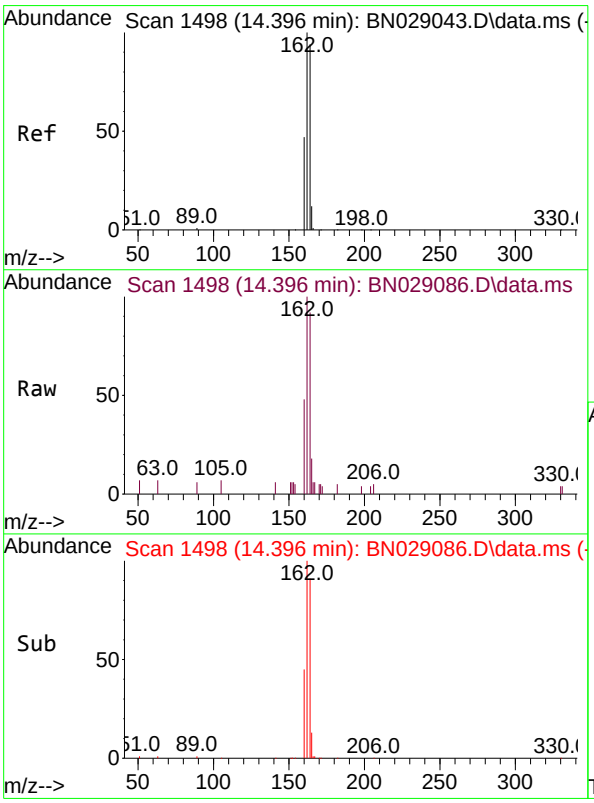
#11
2-Methylnaphthalene-d10
Concen: 0.229 ng
RT: 12.140 min Scan# 11
Delta R.T. -0.007 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:152 Resp: 981

Ion	Ratio	Lower	Upper
152	100		
151	22.0	17.4	26.0

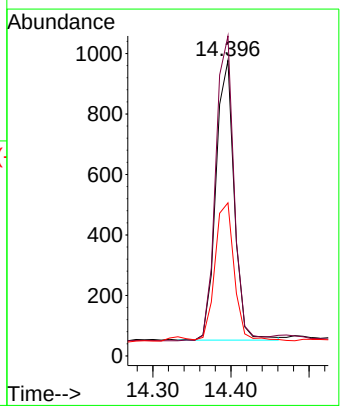


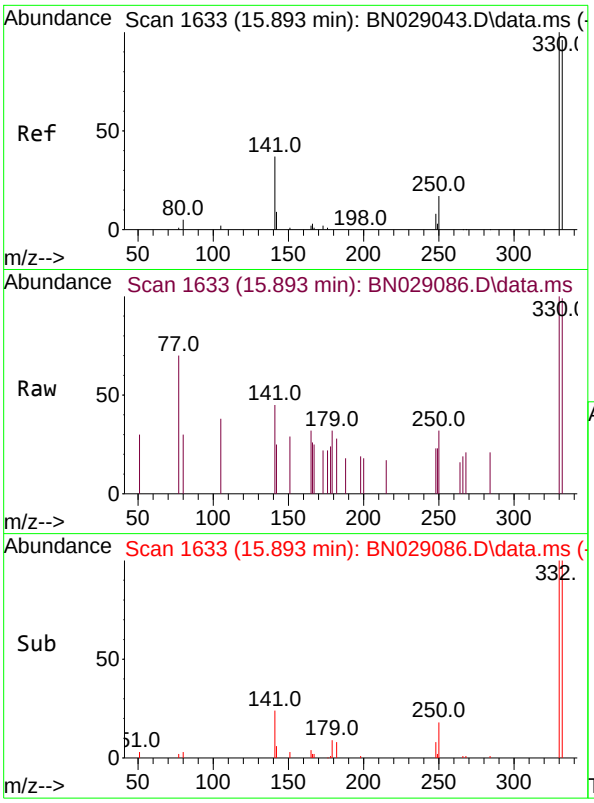


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.396 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:164 Resp: 1507

Ion	Ratio	Lower	Upper
164	100		
162	108.3	85.0	127.6
160	51.8	41.3	61.9



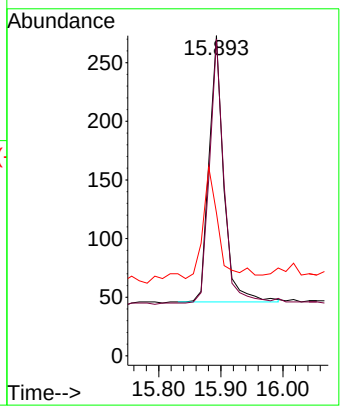


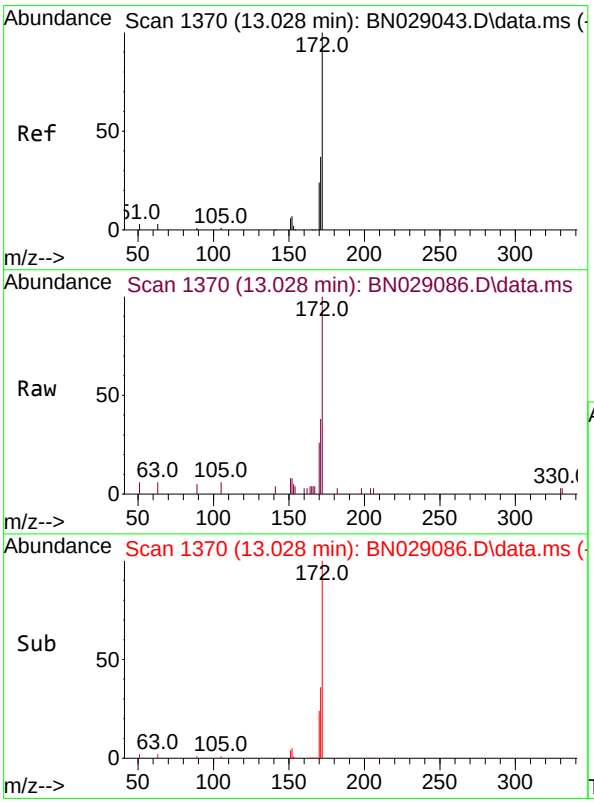
#14
2,4,6-Tribromophenol
Concen: 0.224 ng
RT: 15.893 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:330 Resp: 372

Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.8	118.2
141	44.6	28.7	43.1#

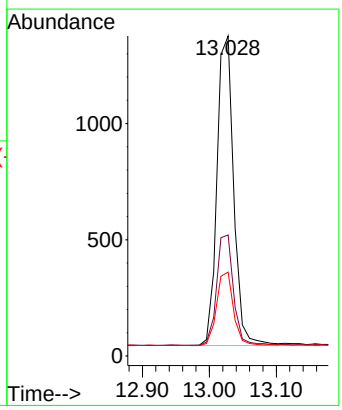


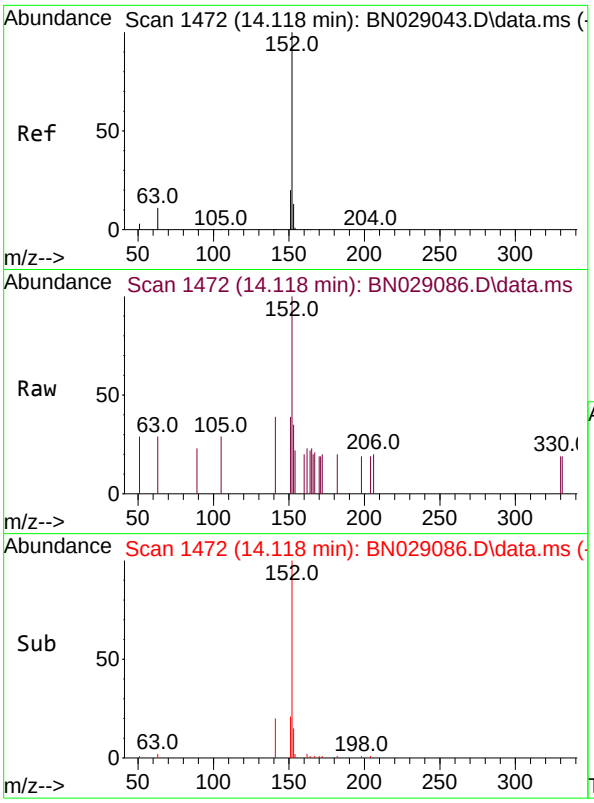


#15
2-Fluorobiphenyl
Concen: 0.297 ng
RT: 13.028 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:172 Resp: 2315

Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.1	45.1
170	26.2	20.3	30.5



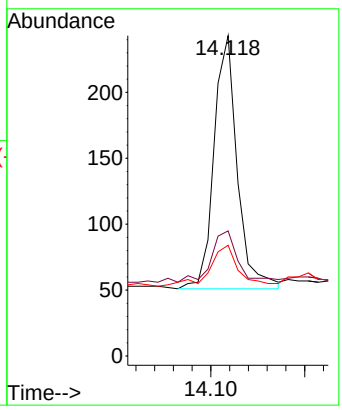


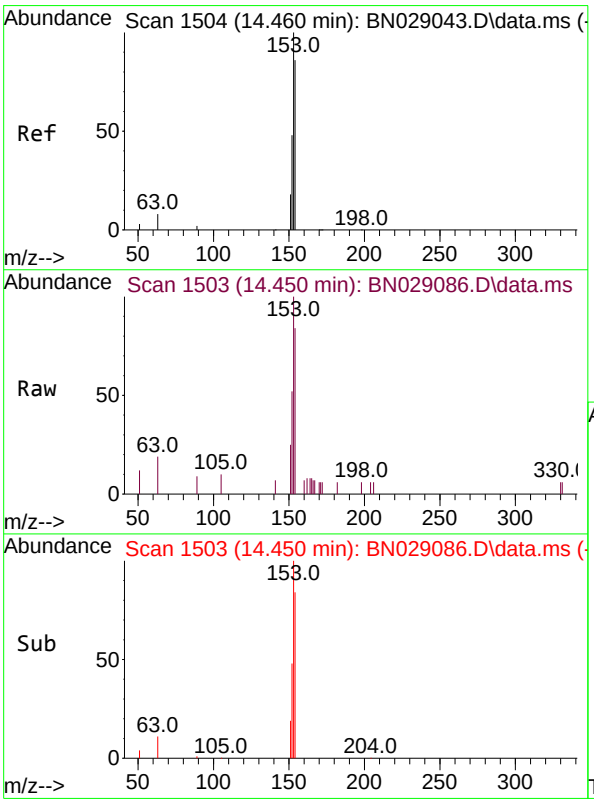
#16
Acenaphthylene
Concen: 0.040 ng
RT: 14.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:152 Resp: 332

Ion	Ratio	Lower	Upper
152	100		
151	25.0	15.8	23.6#
153	19.6	10.3	15.5#

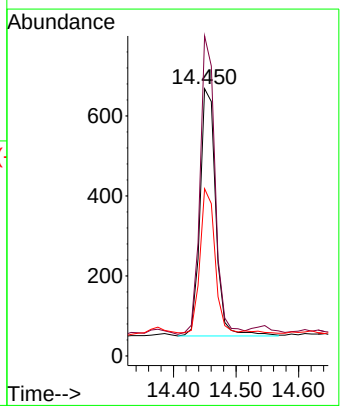


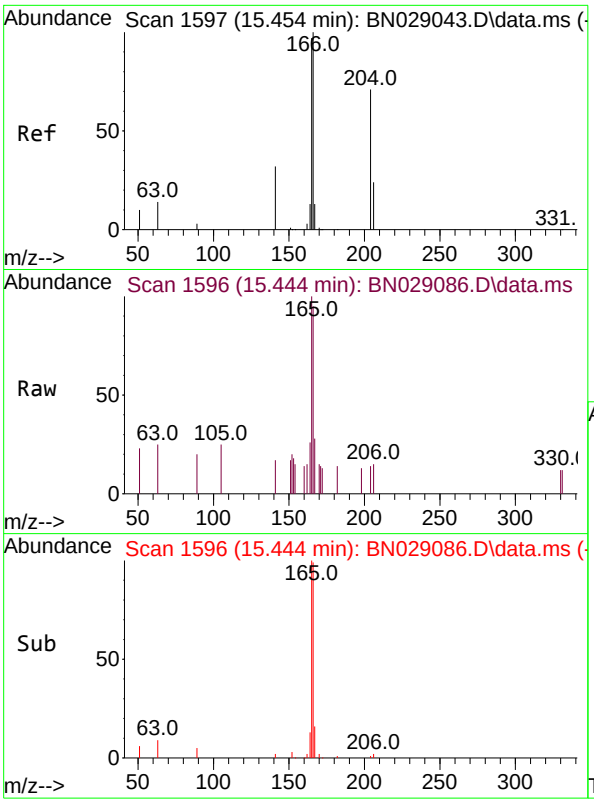


#17
Acenaphthene
Concen: 0.208 ng
RT: 14.450 min Scan# 1503
Delta R.T. -0.011 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:154 Resp: 1085

Ion	Ratio	Lower	Upper
154	100		
153	114.8	93.0	139.6
152	54.6	44.2	66.4



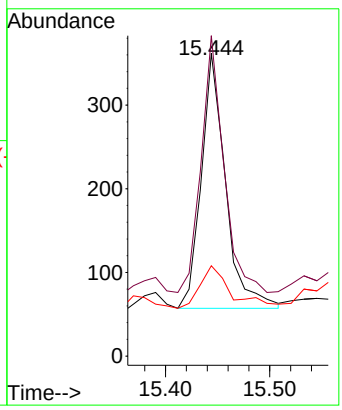


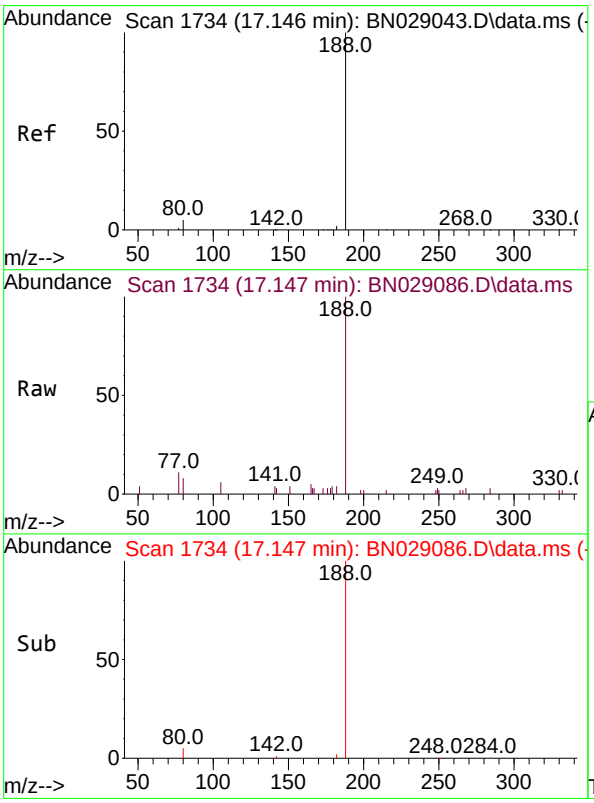
#18
Fluorene
Concen: 0.060 ng
RT: 15.444 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:166 Resp: 495

Ion	Ratio	Lower	Upper
166	100		
165	93.3	80.2	120.4
167	21.4	11.0	16.4#

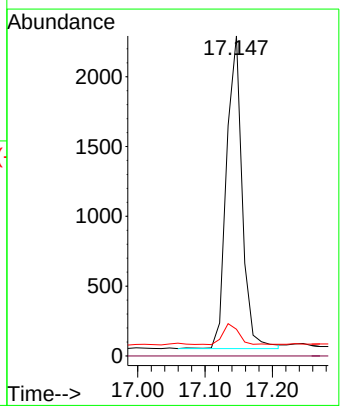


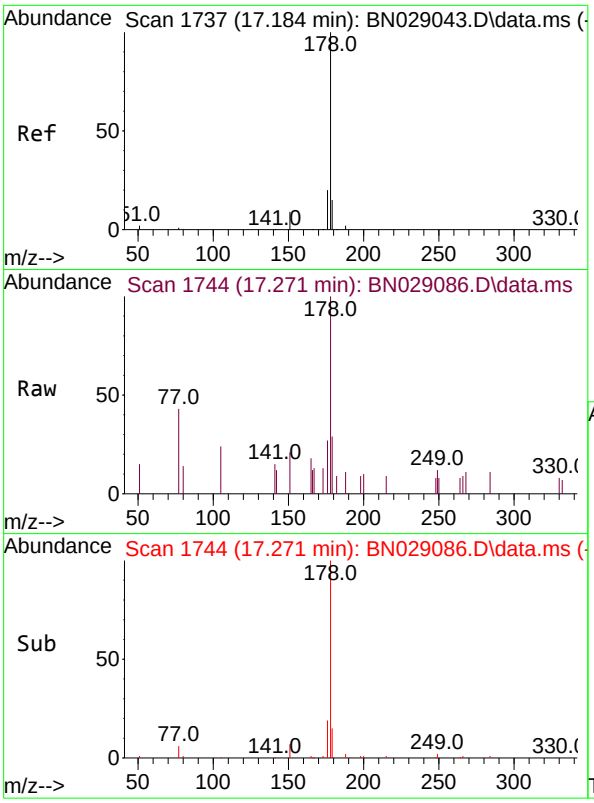


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.147 min Scan# 1734
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:188 Resp: 3608

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	5.4	8.0#



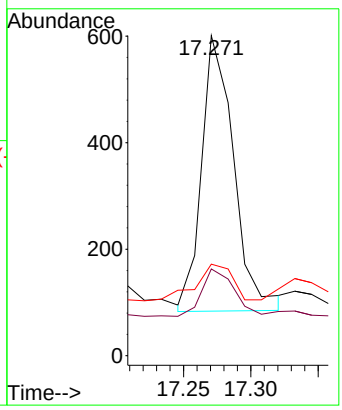


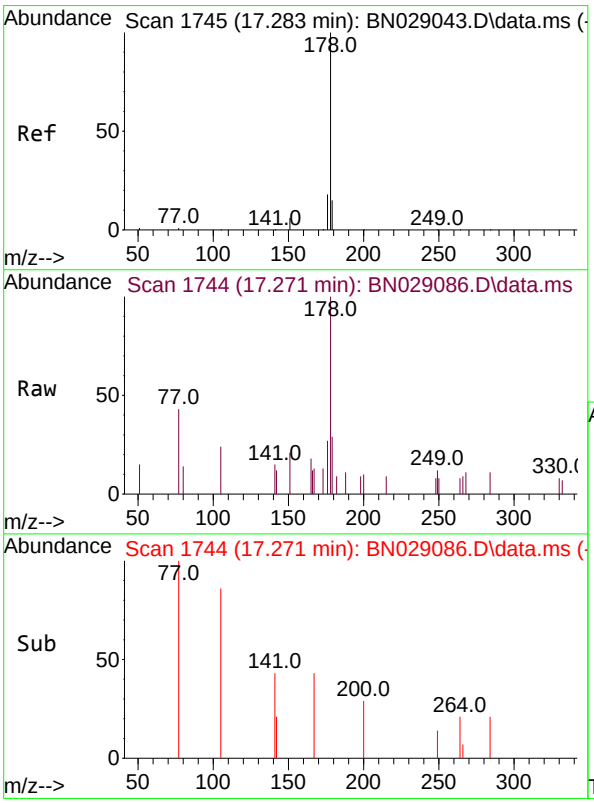
#25
Phenanthrene
Concen: 0.071 ng
RT: 17.271 min Scan# 1
Delta R.T. 0.087 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:178 Resp: 861

Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	17.4	12.6	18.8

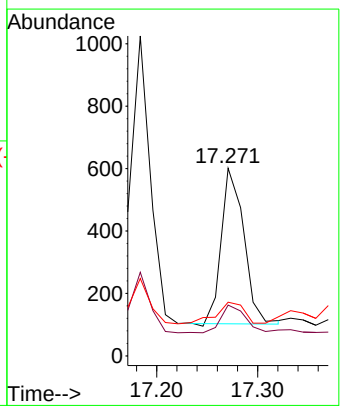


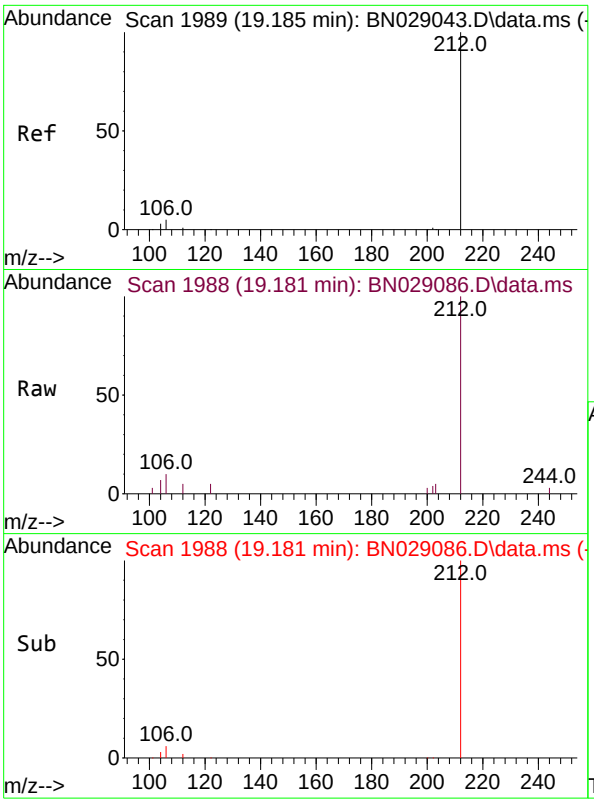


#26
Anthracene
Concen: 0.066 ng
RT: 17.271 min Scan# 1744
Delta R.T. -0.012 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:178 Resp: 772

Ion	Ratio	Lower	Upper
178	100		
176	21.4	15.0	22.4
179	17.1	12.6	19.0



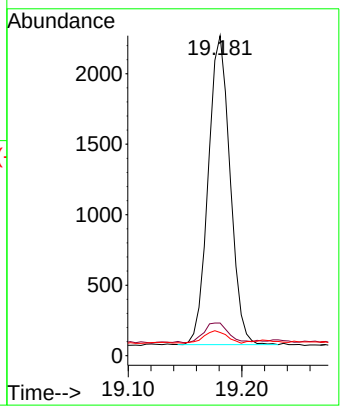


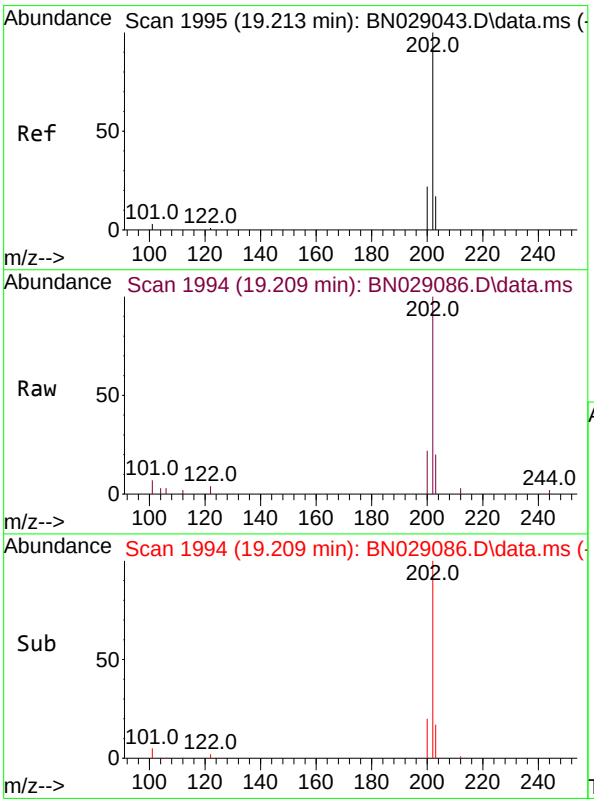
#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.181 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:212 Resp: 2920

Ion	Ratio	Lower	Upper
212	100		
106	7.1	3.9	5.9#
104	4.1	2.6	3.8#

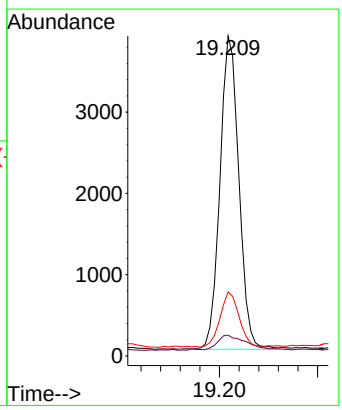


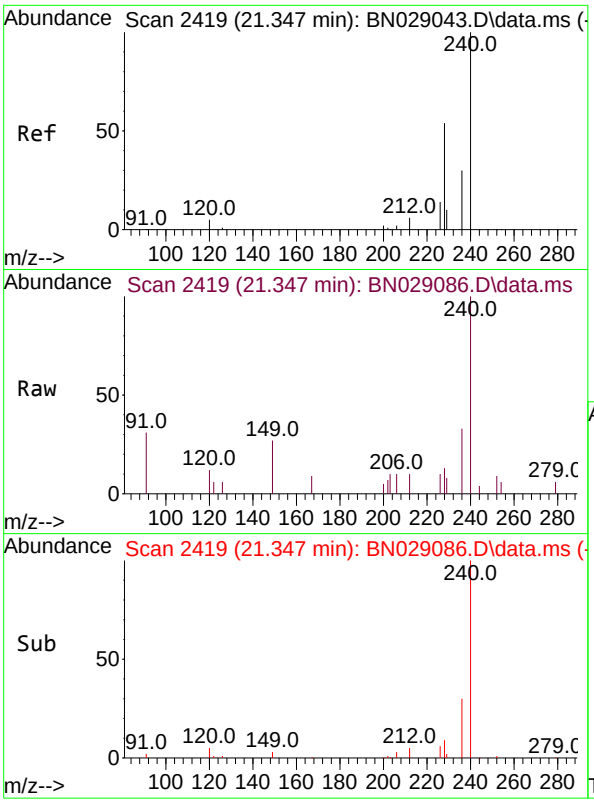


#28
Fluoranthene
Concen: 0.312 ng
RT: 19.209 min Scan# 1994
Delta R.T. -0.005 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:202 Resp: 5163

Ion	Ratio	Lower	Upper
202	100		
101	7.0	3.0	4.6#
203	17.8	13.8	20.6



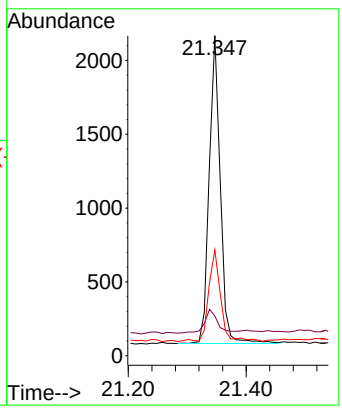


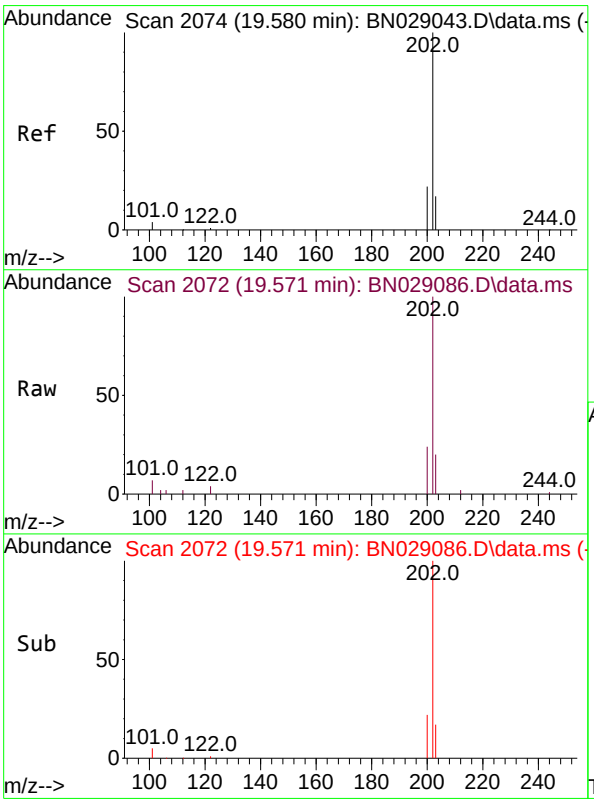
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.347 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:240 Resp: 2741

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.7	10.1#
236	33.1	25.7	38.5

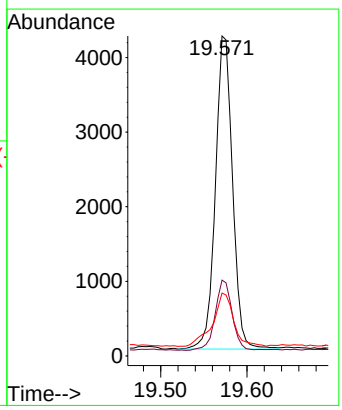


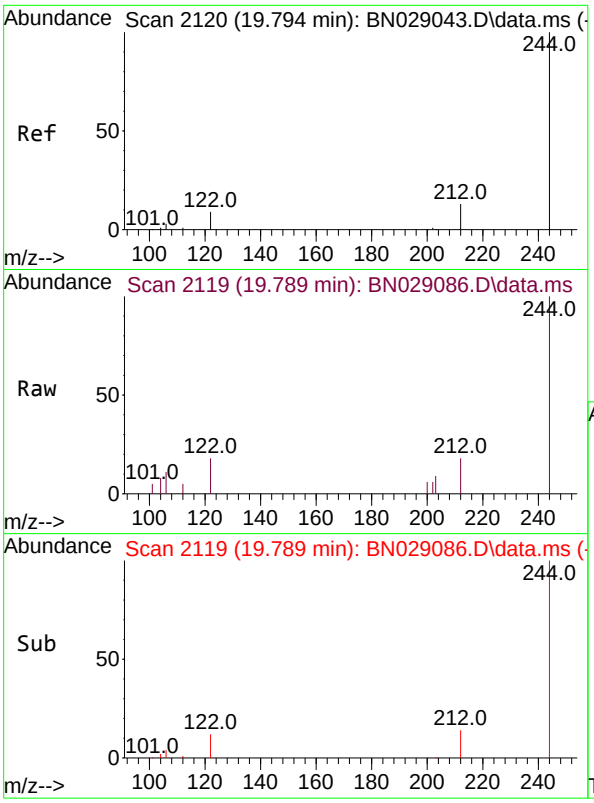


#30
Pyrene
Concen: 0.341 ng
RT: 19.571 min Scan# 2072
Delta R.T. -0.009 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:202 Resp: 5795

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.0	25.6
203	20.7	14.2	21.4



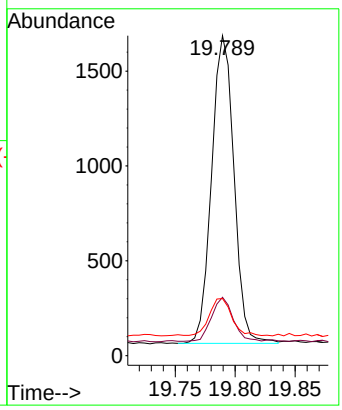


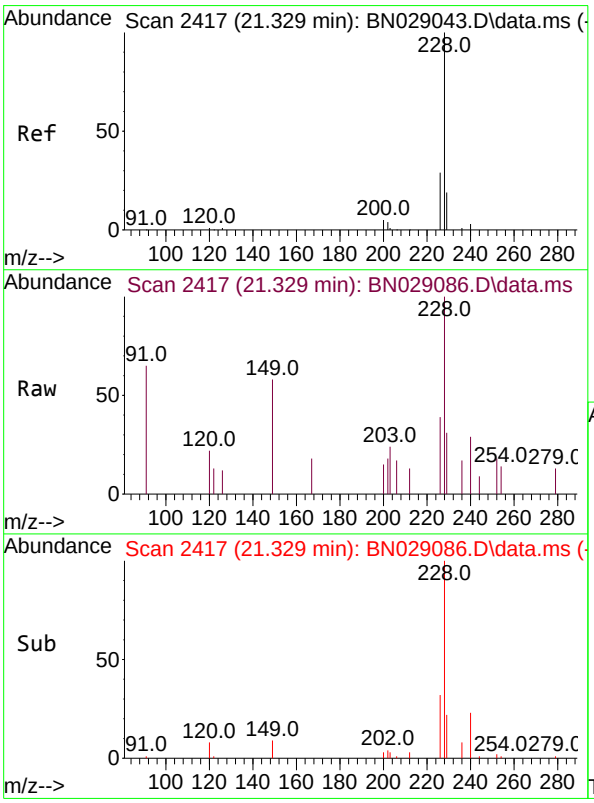
#31
Terphenyl-d14
Concen: 0.303 ng
RT: 19.789 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:244 Resp: 2104

Ion	Ratio	Lower	Upper
244	100		
212	18.3	11.6	17.4#
122	17.8	8.2	12.4#

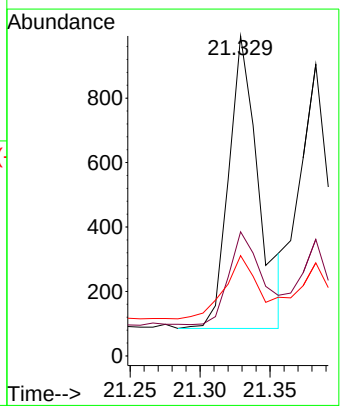


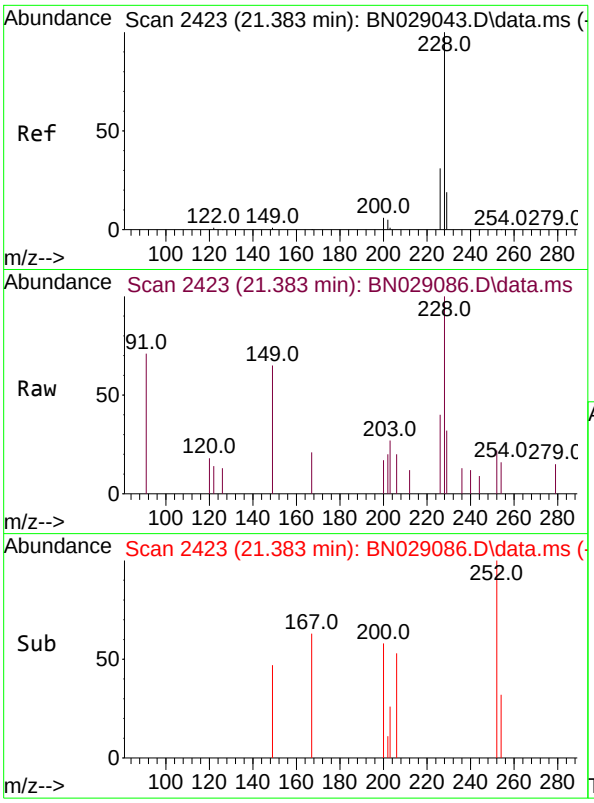


#32
Benzo(a)anthracene
Concen: 0.097 ng
RT: 21.329 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:228 Resp: 1351

Ion	Ratio	Lower	Upper
228	100		
226	38.8	23.8	35.6#
229	31.3	16.0	24.0#



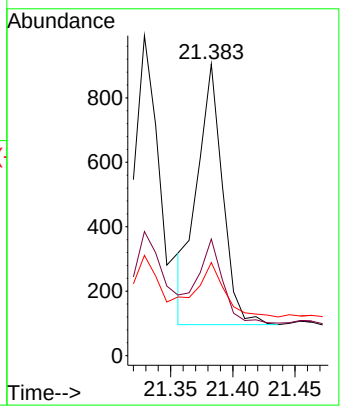


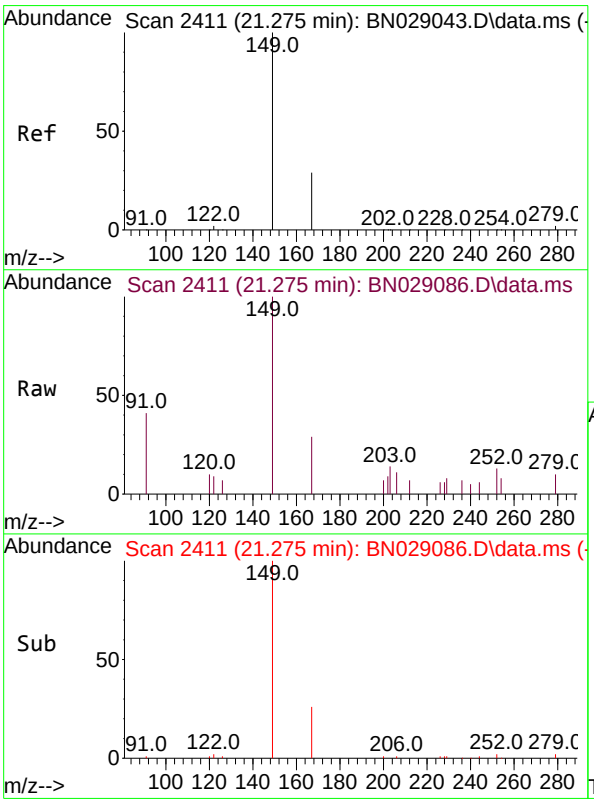
#33
Chrysene
Concen: 0.085 ng
RT: 21.383 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:228 Resp: 1164

Ion	Ratio	Lower	Upper
228	100		
226	40.0	25.4	38.0#
229	31.9	16.0	24.0#

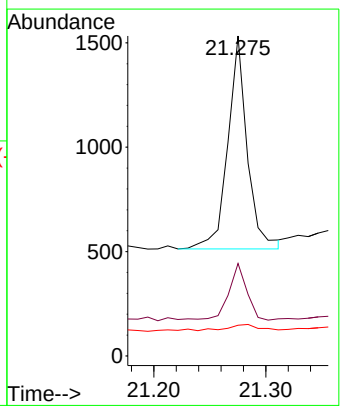


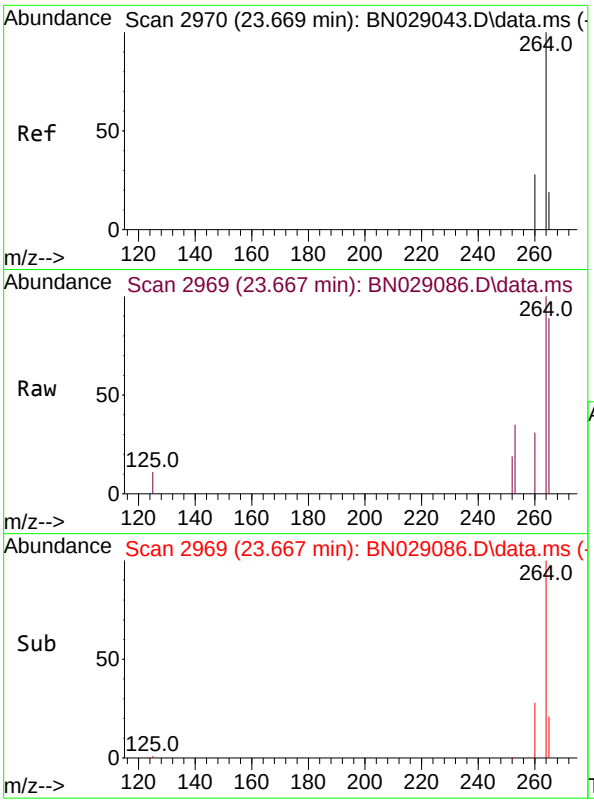


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.144 ng
RT: 21.275 min Scan# 2411
Delta R.T. 0.000 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:149 Resp: 1230

Ion	Ratio	Lower	Upper
149	100		
167	24.4	23.4	35.2
279	4.7	3.4	5.2



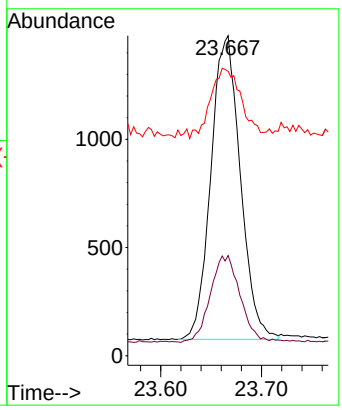


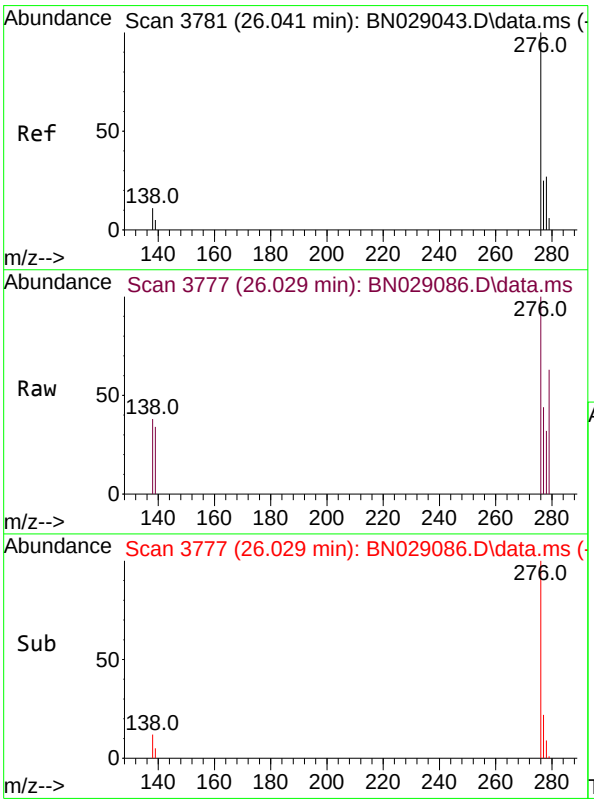
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.667 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:264 Resp: 2841

Ion	Ratio	Lower	Upper
264	100		
260	31.3	23.9	35.9
265	88.9	52.7	79.1#

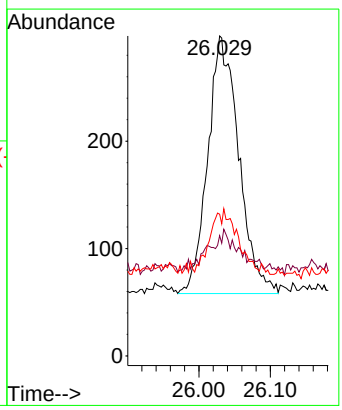


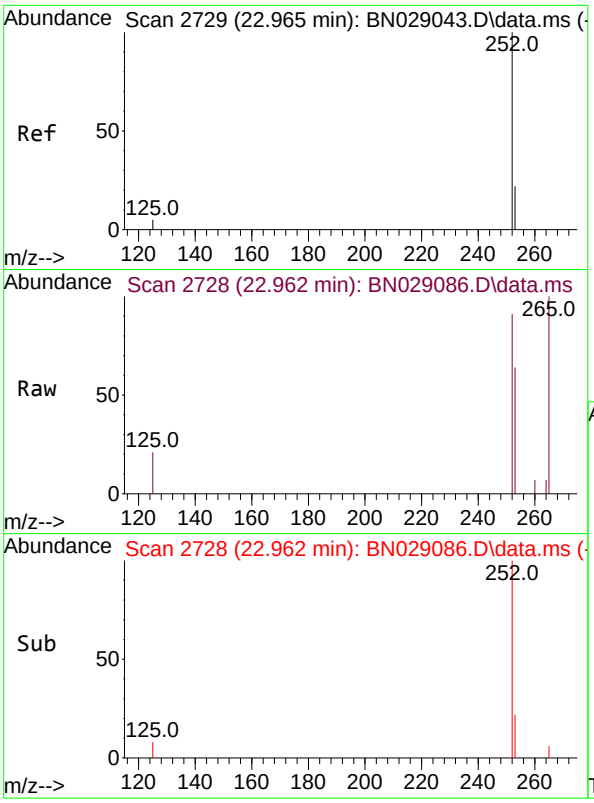


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.050 ng
RT: 26.029 min Scan# 3777
Delta R.T. -0.012 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:276 Resp: 723

Ion	Ratio	Lower	Upper
276	100		
138	5.7	9.6	14.4#
277	9.7	19.4	29.0#



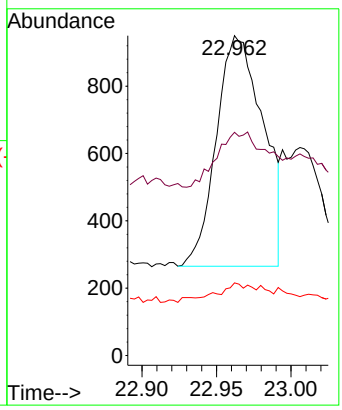


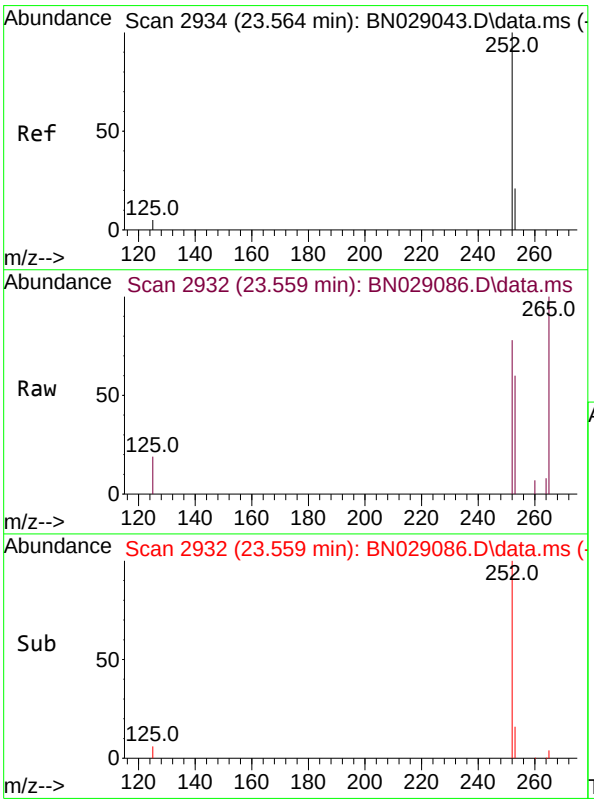
#37
Benzo(b)fluoranthene
Concen: 0.098 ng
RT: 22.962 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:252 Resp: 1500

Ion	Ratio	Lower	Upper
252	100		
253	69.8	23.0	34.6#
125	22.7	5.4	8.0#

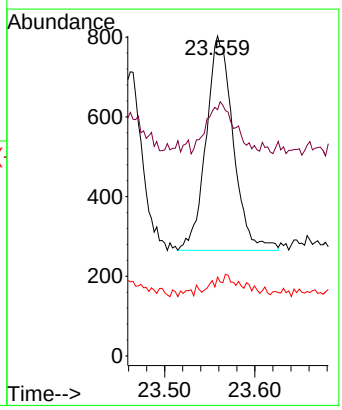


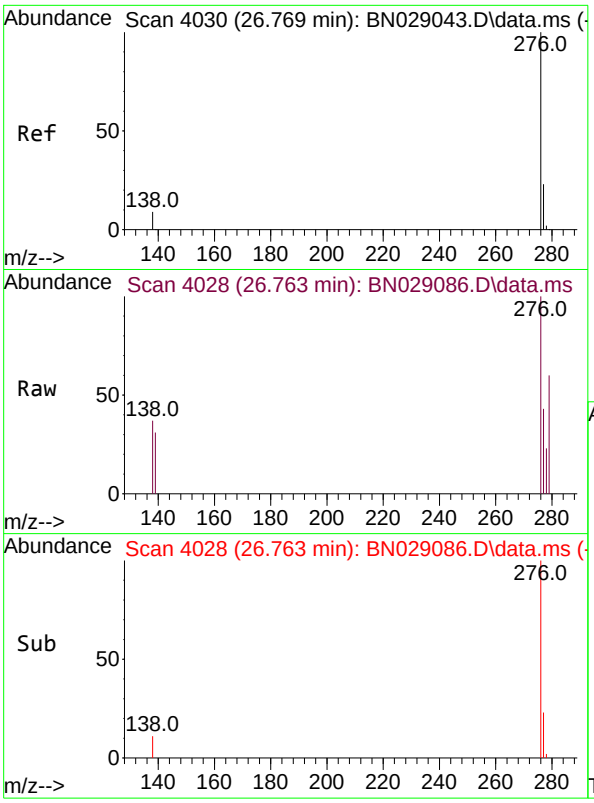


#39
Benzo(a)pyrene
Concen: 0.089 ng
RT: 23.559 min Scan# 2932
Delta R.T. -0.006 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Tgt Ion:252 Resp: 1124

Ion	Ratio	Lower	Upper
252	100		
253	77.0	25.3	37.9#
125	24.7	6.5	9.7#





#41
Benzo(g,h,i)perylene
Concen: 0.062 ng
RT: 26.763 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN029086.D
Acq: 07 Dec 2023 10:38

Instrument :
BNA_N
ClientSampleId :
MW-105

Tgt Ion:276 Resp: 763

Ion	Ratio	Lower	Upper
276	100		
277	43.0	20.3	30.5#
138	37.5	9.2	13.8#