Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028420.D
Acq On : 02 Nov 2023 14:17
Operator : MA/JU
Sample : 05173-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Quant Time: Nov 02 15:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.726	152	8980	0.400	ng	0.00
7) Naphthalene-d8	10.511	136	27741	0.400	ng	0.00
13) Acenaphthene-d10	14.362	164	12439	0.400	ng	0.00
19) Phenanthrene-d10	17.108	188	30321	0.400	ng	#-0.01
29) Chrysene-d12	21.318	240	21764	0.400	ng	# 0.00
35) Perylene-d12	23.633	264	3845	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.300	112	4143	0.177	ng	0.00
5) Phenol-d6	6.889	99	3597	0.121	ng	0.00
8) Nitrobenzene-d5	8.867	82	4966	0.277	ng	-0.01
11) 2-Methylnaphthalene-d10	12.109	152	11426	0.288	ng	0.00
14) 2,4,6-Tribromophenol	15.854	330	1505	0.310	ng	0.00
15) 2-Fluorobiphenyl	13.005	172	3754	0.254	ng	0.00
27) Fluoranthene-d10	19.151	212	30007	0.400	ng	0.00
31) Terphenyl-d14	19.764	244	31398	0.685	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	2795	0.281	ng	# 46
18) Fluorene	15.506	166	8025	0.151	ng	# 8
24) Pentachlorophenol	16.760	266	141	0.022	ng	# 88
25) Phenanthrene	17.244	178	2396	0.027	ng	97
26) Anthracene	17.244	178	2338	0.027	ng	97
28) Fluoranthene	19.184	202	3164	0.030	ng	99
30) Pyrene	19.546	202	2085	0.023	ng	# 94
32) Benzo(a)anthracene	21.309	228	1888	0.022	ng	# 86
33) Chrysene	21.354	228	3444	0.040	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.264	149	4528	0.101	ng	97
36) Indeno(1,2,3-cd)pyrene	26.007	276	1313	0.134	ng	# 92
37) Benzo(b)fluoranthene	22.937	252	5402	0.428	ng	# 72
39) Benzo(a)pyrene	23.528	252	704	0.054	ng	# 1
40) Dibenzo(a,h)anthracene	26.027	278	771	0.063	ng	# 1
41) Benzo(g,h,i)perylene	26.726	276	1156	0.088	ng	# 53

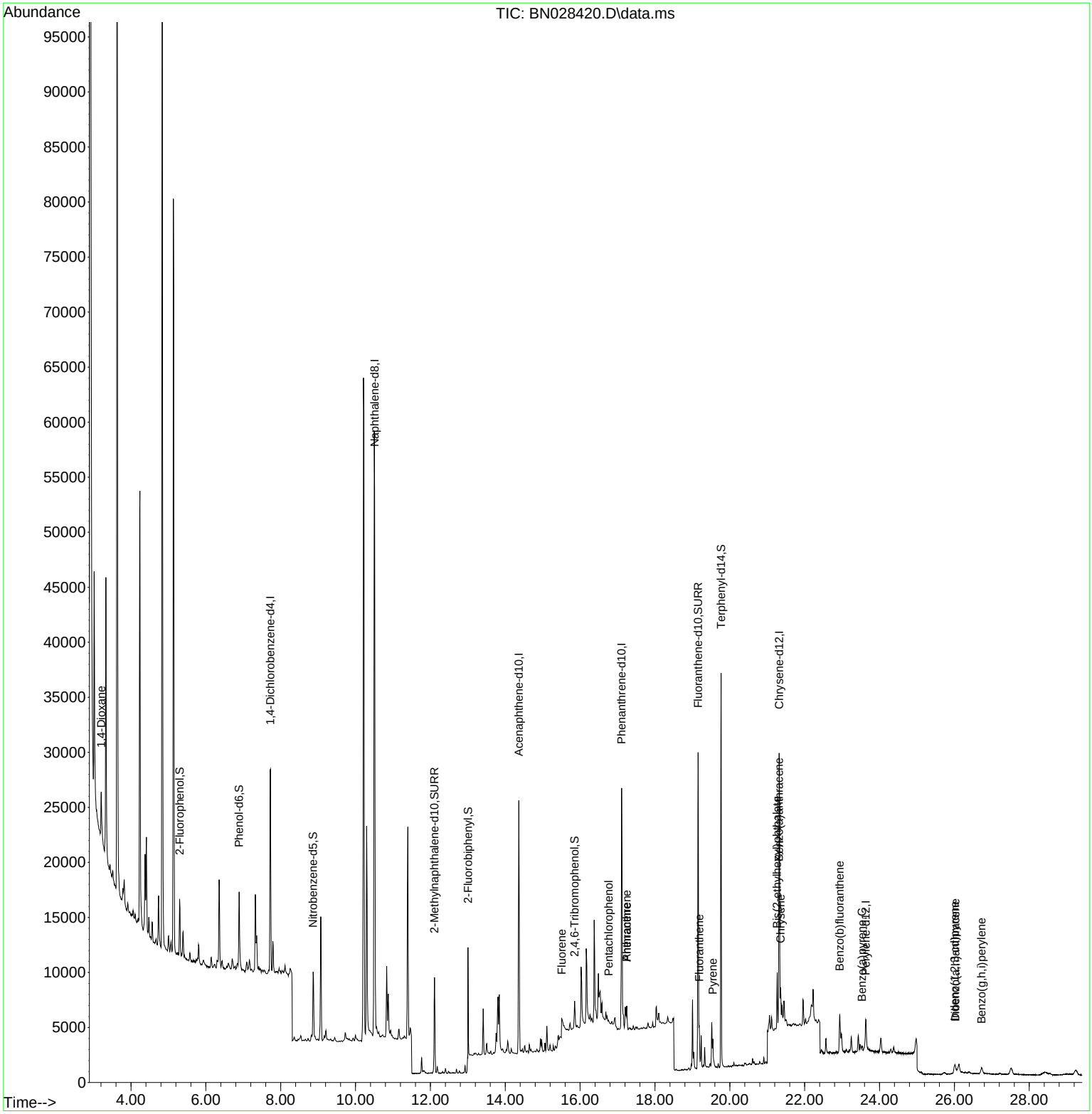
(#) = qualifier out of range (m) = manual integration (+) = signals summed

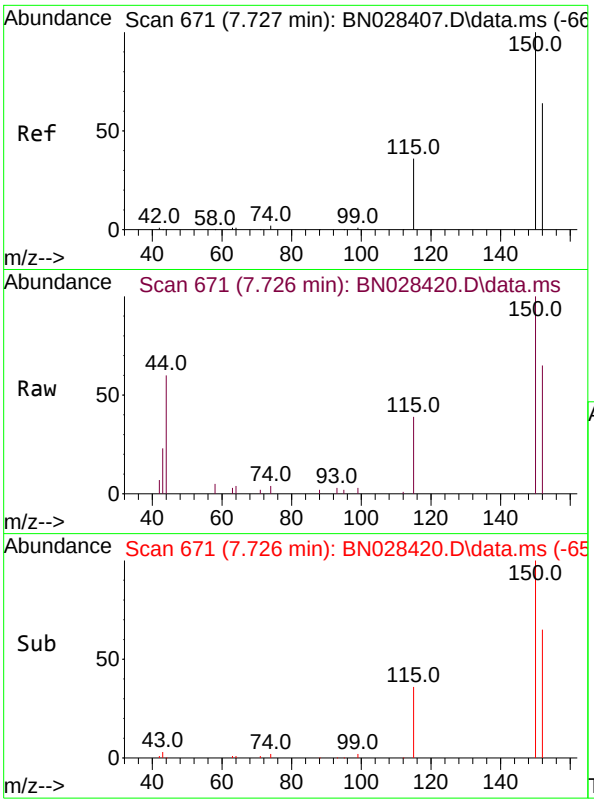
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028420.D
Acq On : 02 Nov 2023 14:17
Operator : MA/JU
Sample : 05173-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Quant Time: Nov 02 15:17:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration



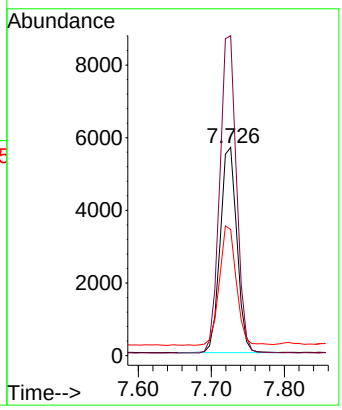


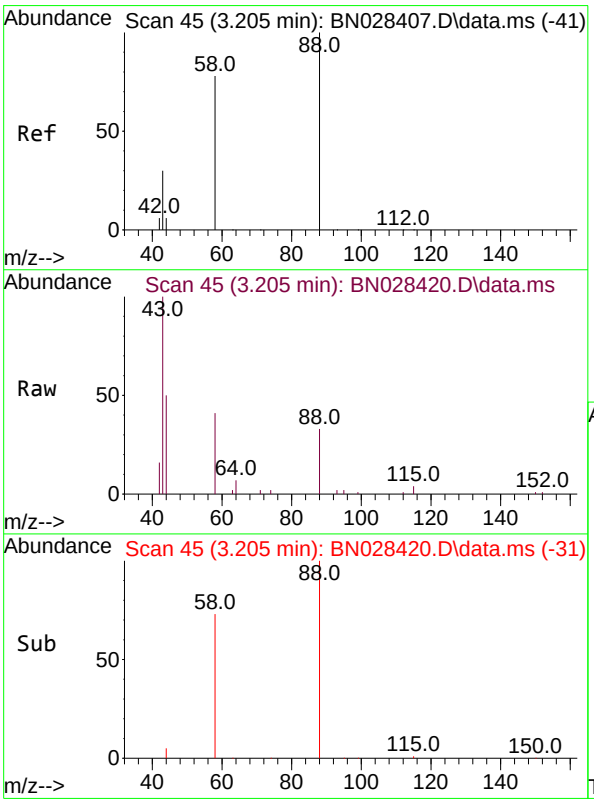
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.726 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:152 Resp: 8980

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.8	185.6
115	60.6	47.0	70.6

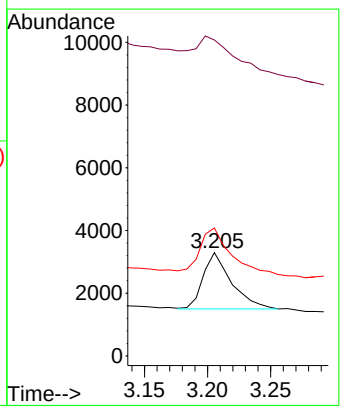


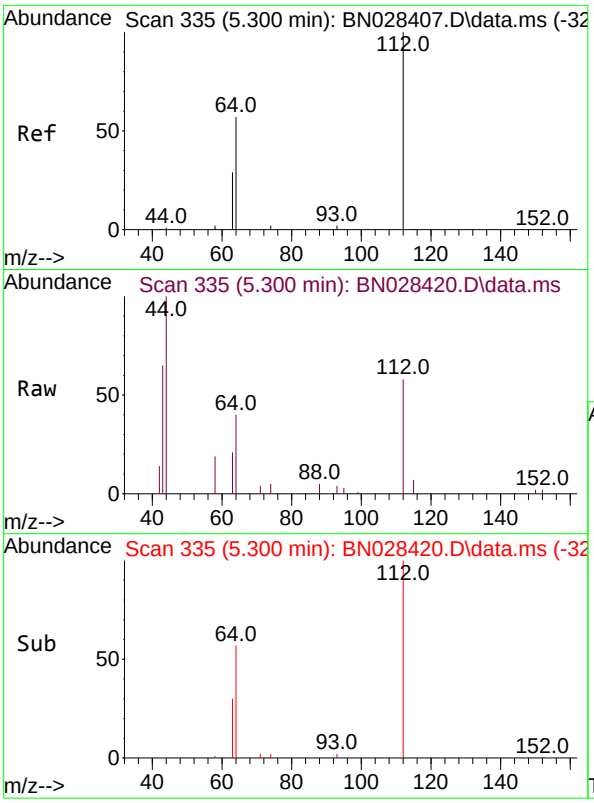


#2
1,4-Dioxane
Concen: 0.281 ng
RT: 3.205 min Scan# 45
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion: 88 Resp: 2795

Ion	Ratio	Lower	Upper
88	100		
43	97.2	24.3	36.5#
58	96.4	59.8	89.6#



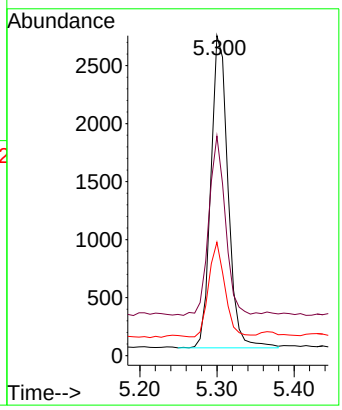


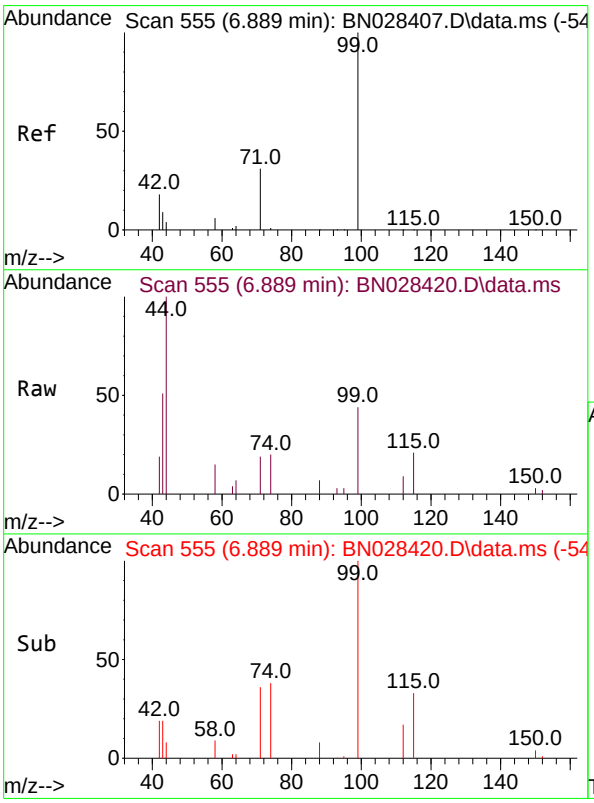
#4
2-Fluorophenol
Concen: 0.177 ng
RT: 5.300 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:112 Resp: 4143

Ion	Ratio	Lower	Upper
112	100		
64	55.1	44.3	66.5
63	28.7	22.6	33.8

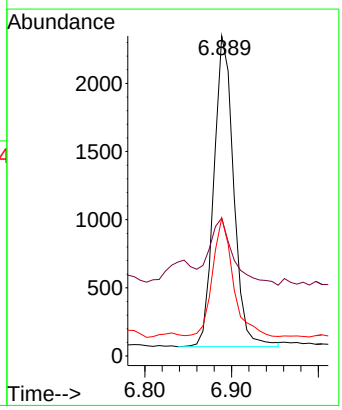


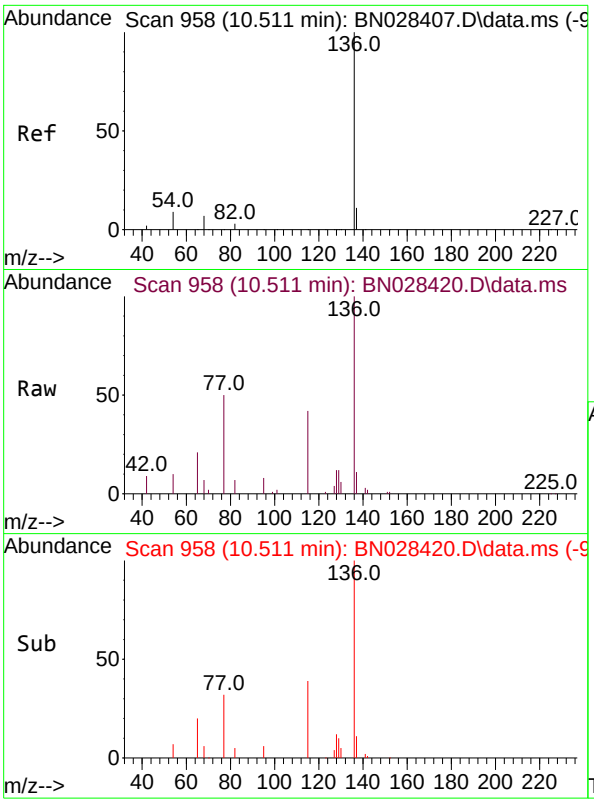


#5
Phenol-d6
Concen: 0.121 ng
RT: 6.889 min Scan# 555
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion: 99 Resp: 3597

Ion	Ratio	Lower	Upper
99	100		
42	26.3	15.4	23.0#
71	40.1	24.4	36.6#



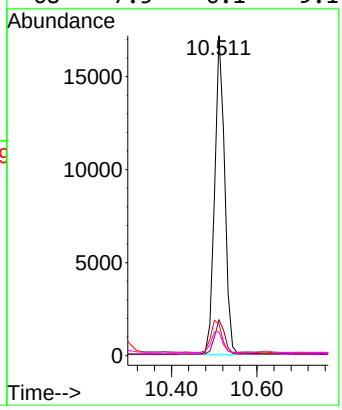


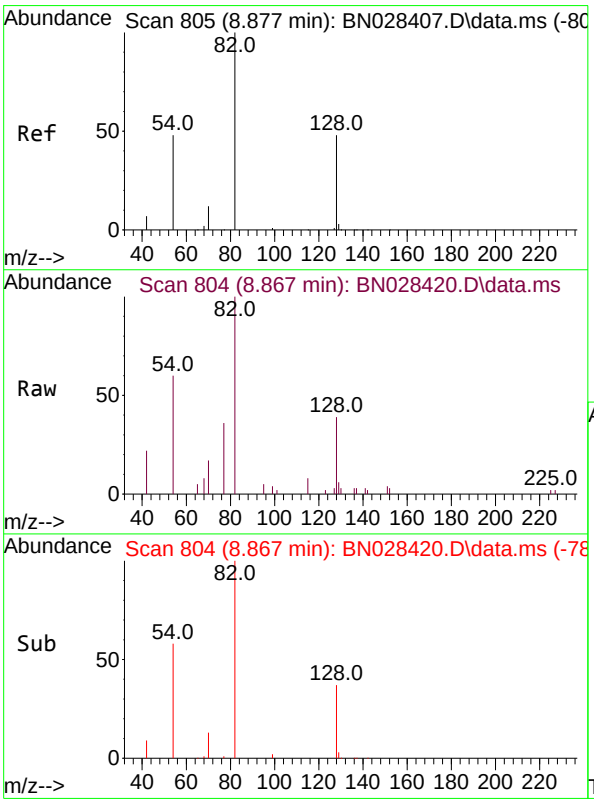
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.511 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:136 Resp: 27741

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	9.9	7.9	11.9
68	7.5	6.1	9.1

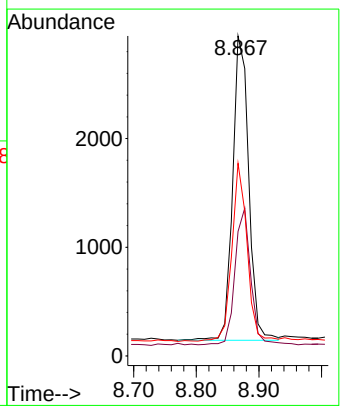


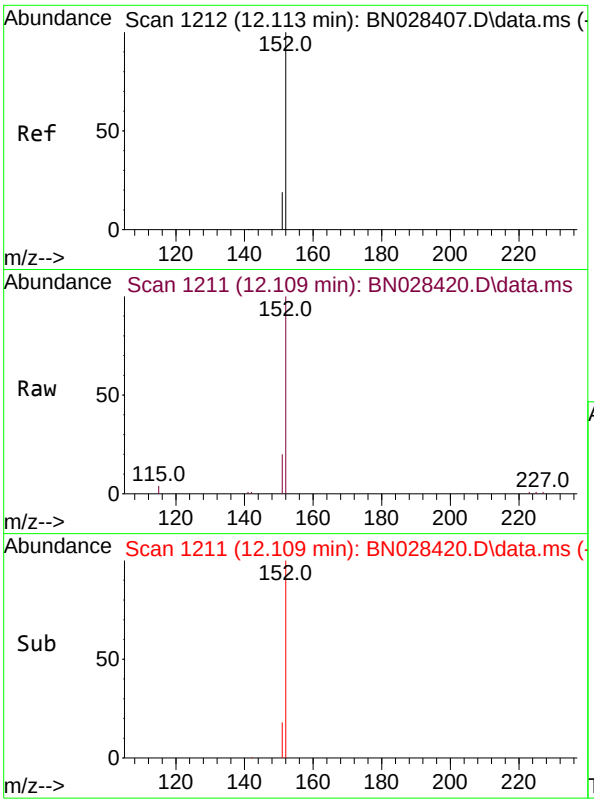


#8
Nitrobenzene-d5
Concen: 0.277 ng
RT: 8.867 min Scan# 804
Delta R.T. -0.011 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion: 82 Resp: 4966

Ion	Ratio	Lower	Upper
82	100		
128	38.9	38.8	58.2
54	60.2	40.3	60.5



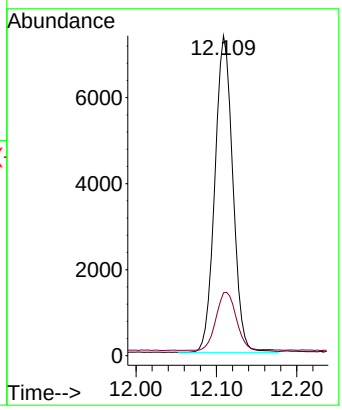


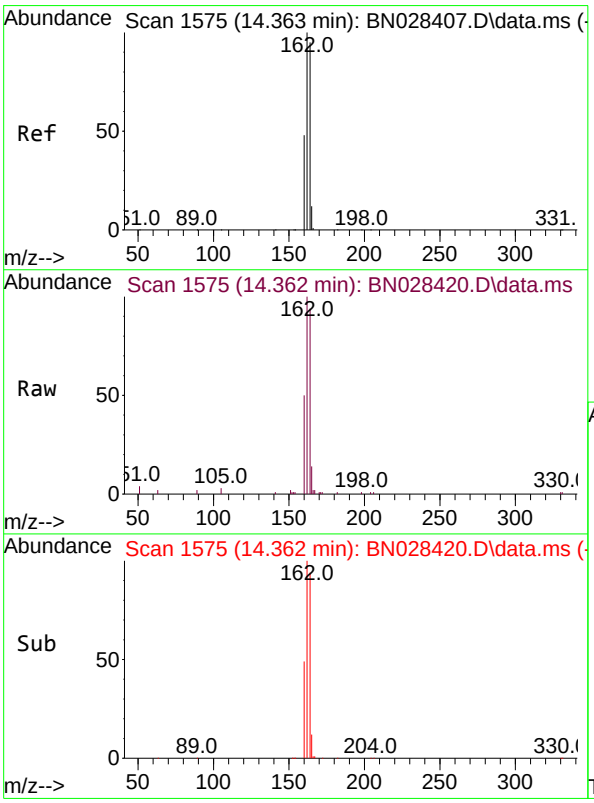
#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.109 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:152 Resp: 11426

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.4	24.6

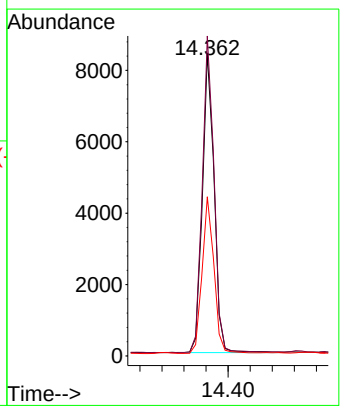


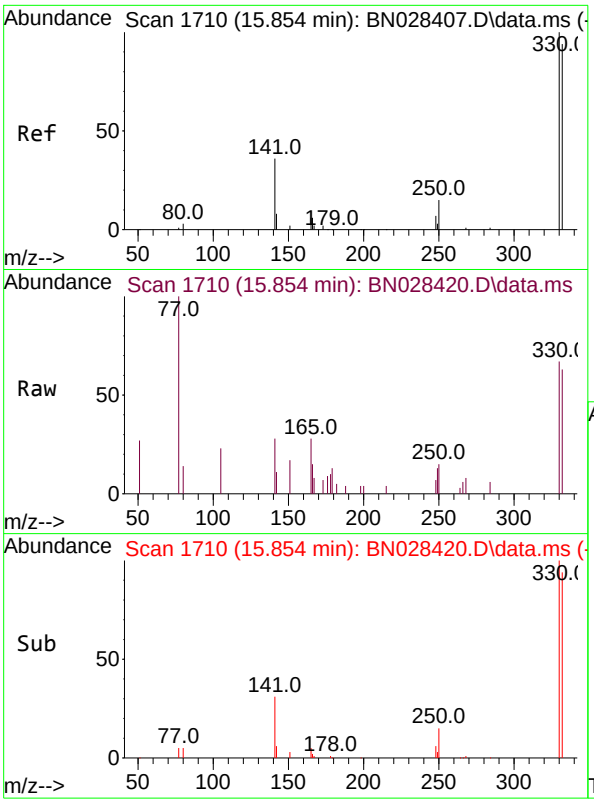


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.362 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:164 Resp: 12439

Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.6	127.0
160	52.7	41.3	61.9



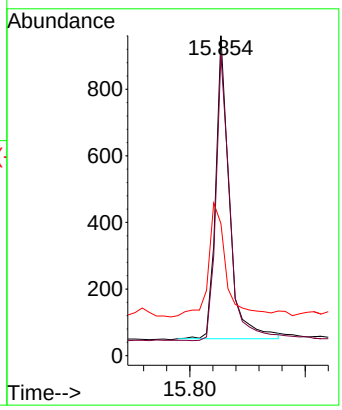


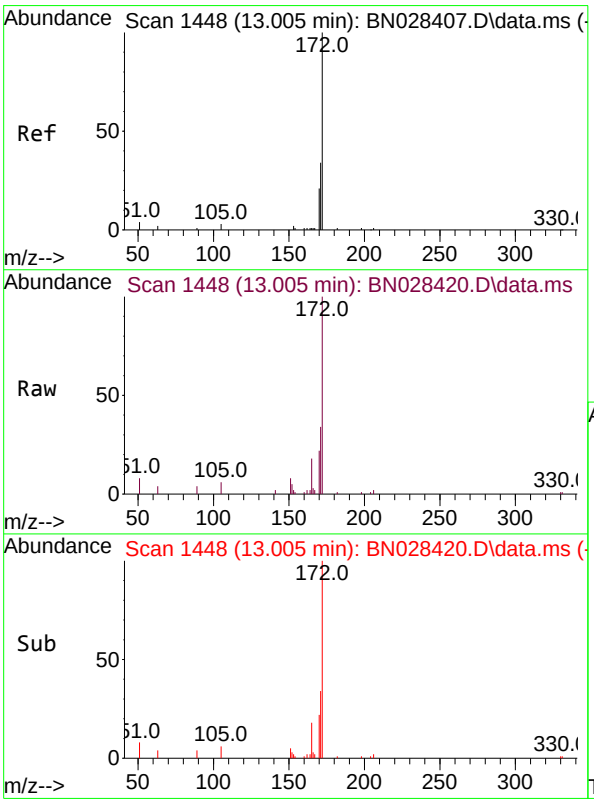
#14
2,4,6-Tribromophenol
Concen: 0.310 ng
RT: 15.854 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:330 Resp: 1505

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.2	114.2
141	45.8	32.8	49.2

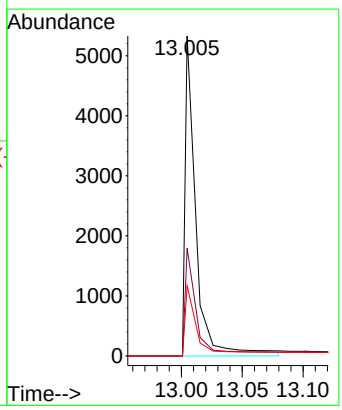


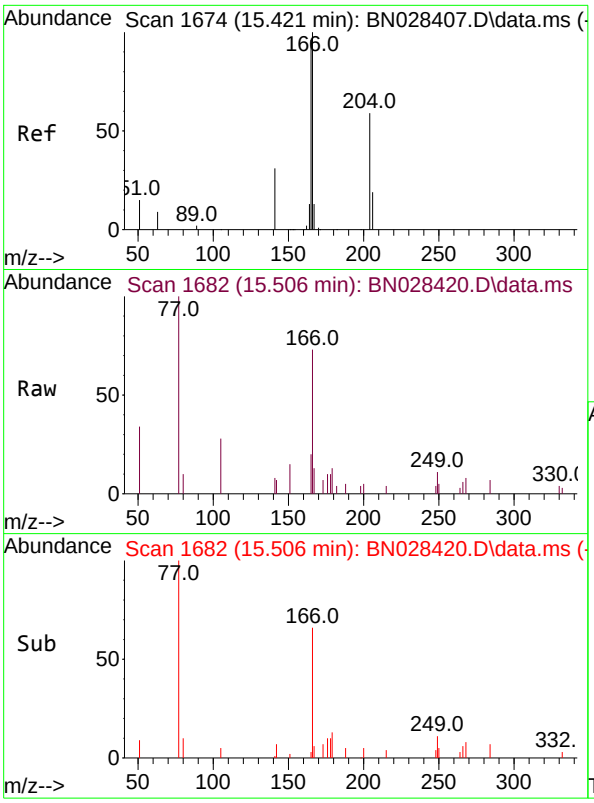


#15
2-Fluorobiphenyl
Concen: 0.254 ng
RT: 13.005 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:172 Resp: 3754

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.2	40.8
170	21.9	17.1	25.7



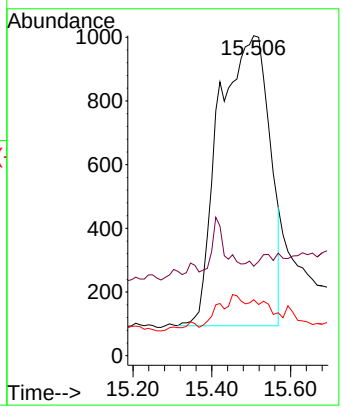


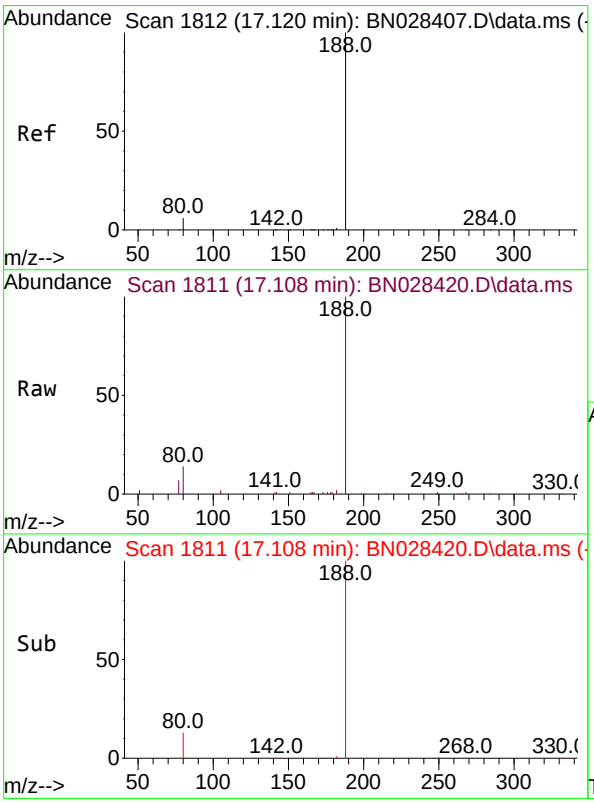
#18
Fluorene
Concen: 0.151 ng
RT: 15.506 min Scan# 1
Delta R.T. 0.085 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:166 Resp: 8025

Ion	Ratio	Lower	Upper
166	100		
165	0.0	79.2	118.8#
167	0.0	10.6	16.0#

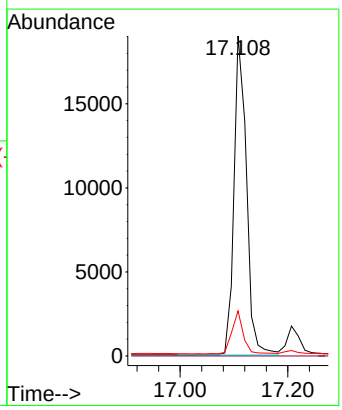


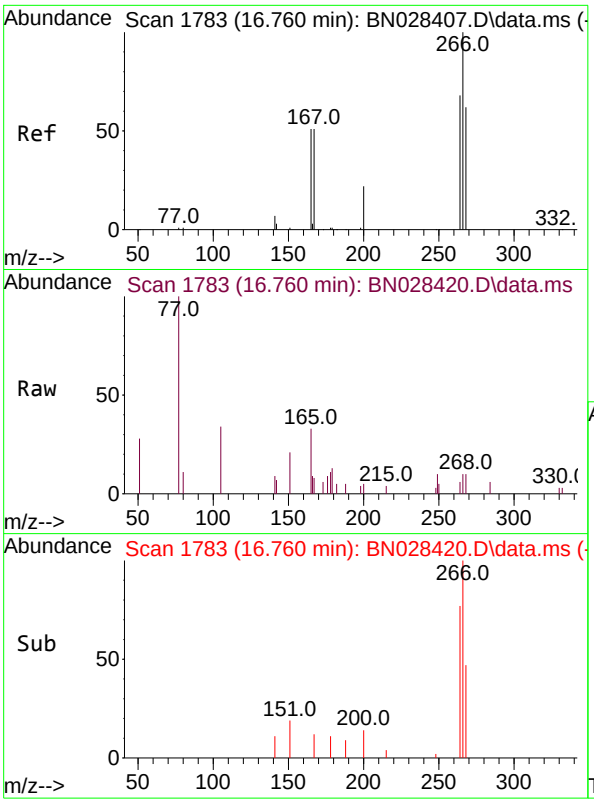


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.108 min Scan# 1811
Delta R.T. -0.013 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:188 Resp: 30321

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.0	5.3	7.9#



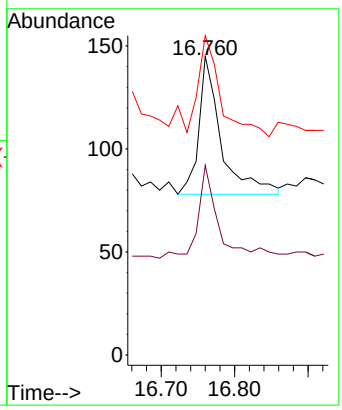


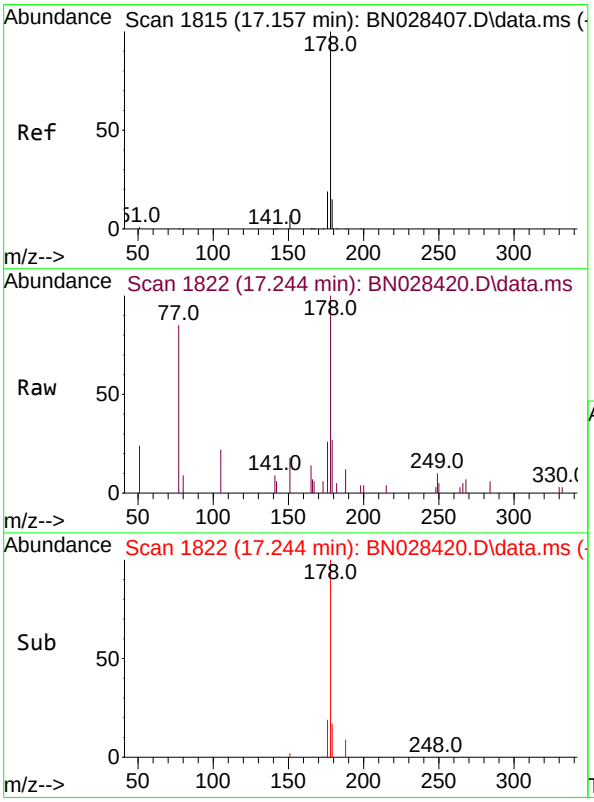
#24
Pentachlorophenol
Concen: 0.022 ng
RT: 16.760 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:266 Resp: 141

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.9	76.3
268	81.6	51.0	76.4#

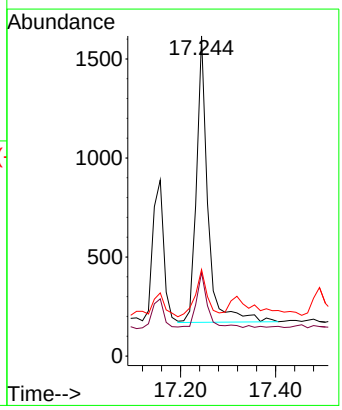


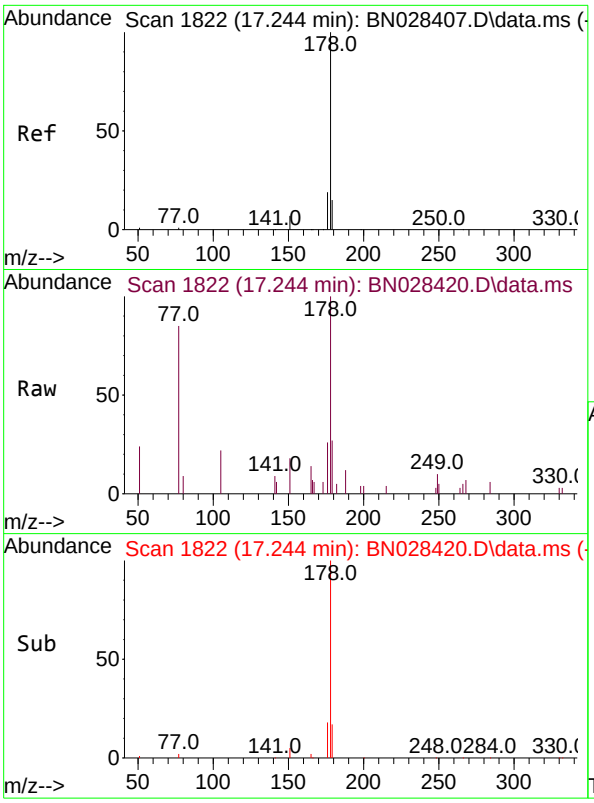


#25
Phenanthrene
Concen: 0.027 ng
RT: 17.244 min Scan# 1822
Delta R.T. 0.087 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:178 Resp: 2396

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.2	22.8
179	17.6	12.2	18.2



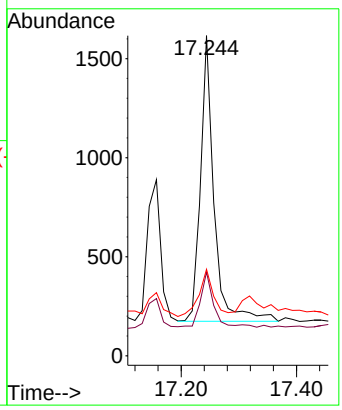


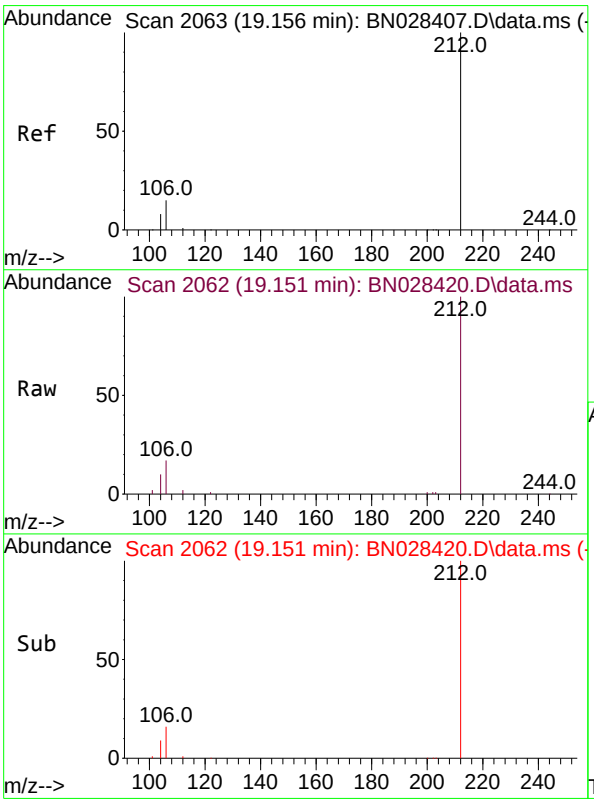
#26
Anthracene
Concen: 0.027 ng
RT: 17.244 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:178 Resp: 2338

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	18.0	12.2	18.4

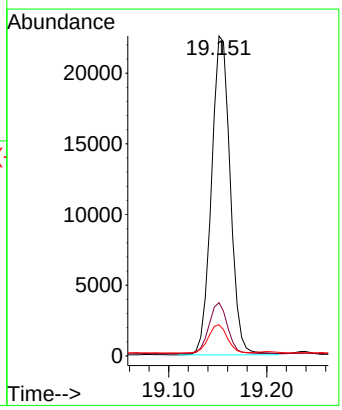


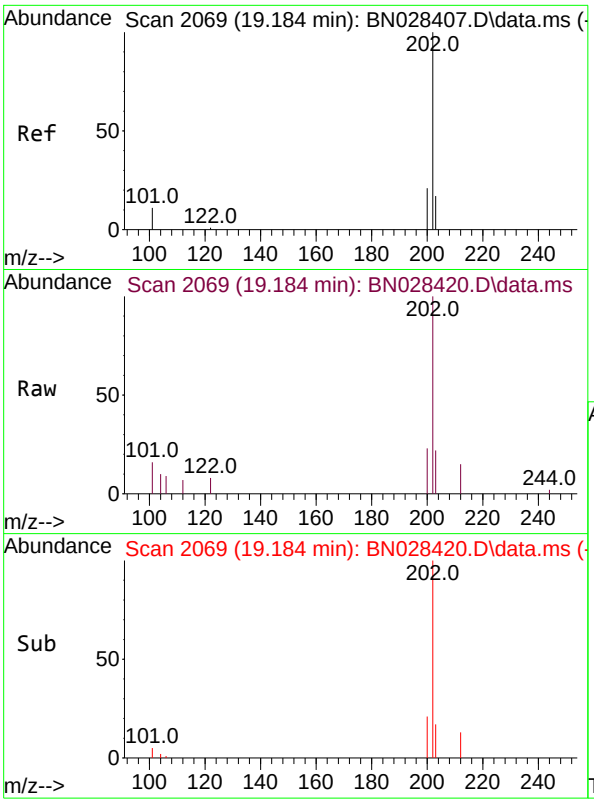


#27
Fluoranthene-d10
Concen: 0.400 ng
RT: 19.151 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:212 Resp: 30007

Ion	Ratio	Lower	Upper
212	100		
106	15.8	11.9	17.9
104	8.9	6.7	10.1



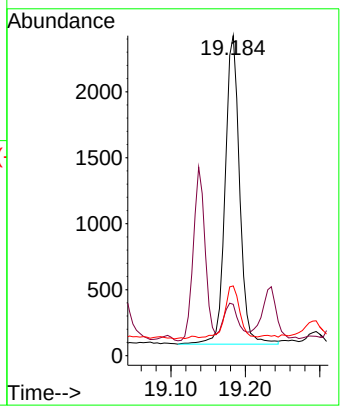


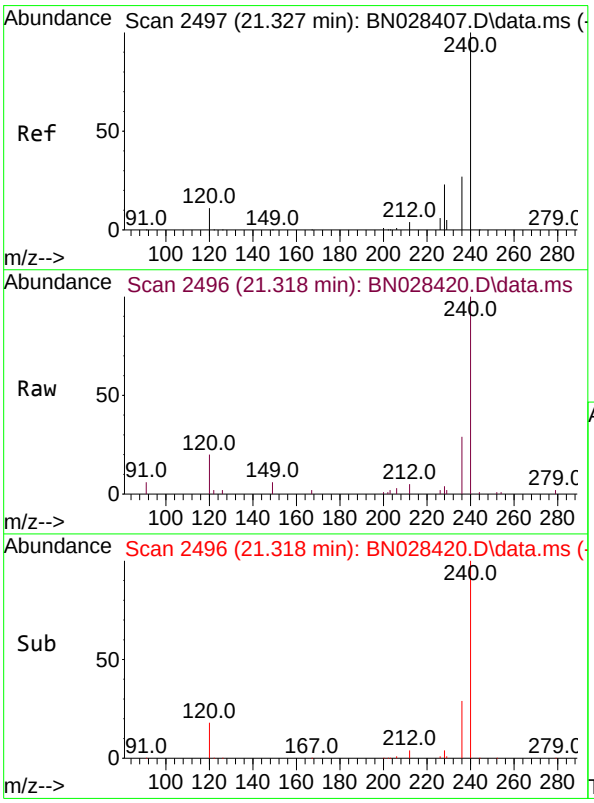
#28
Fluoranthene
Concen: 0.030 ng
RT: 19.184 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:202 Resp: 3164

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.3	13.9
203	16.8	13.7	20.5

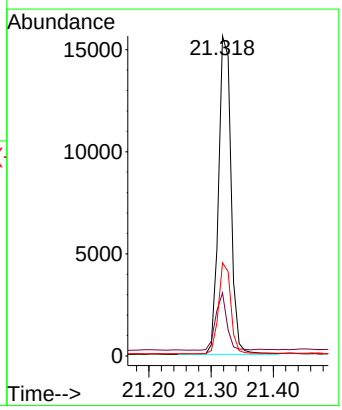


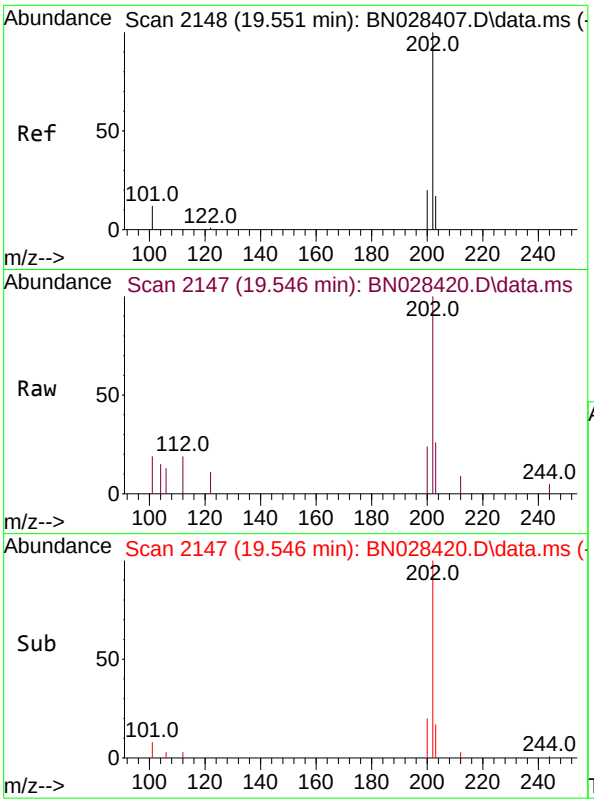


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.318 min Scan# 2496
Delta R.T. -0.009 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:240 Resp: 21764

Ion	Ratio	Lower	Upper
240	100		
120	19.7	9.8	14.6#
236	29.1	22.2	33.2



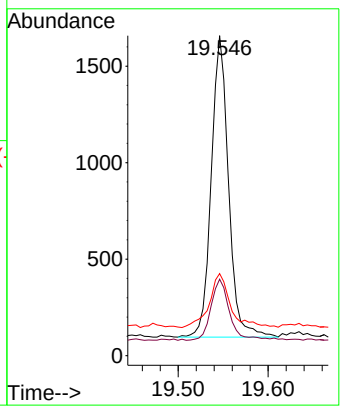


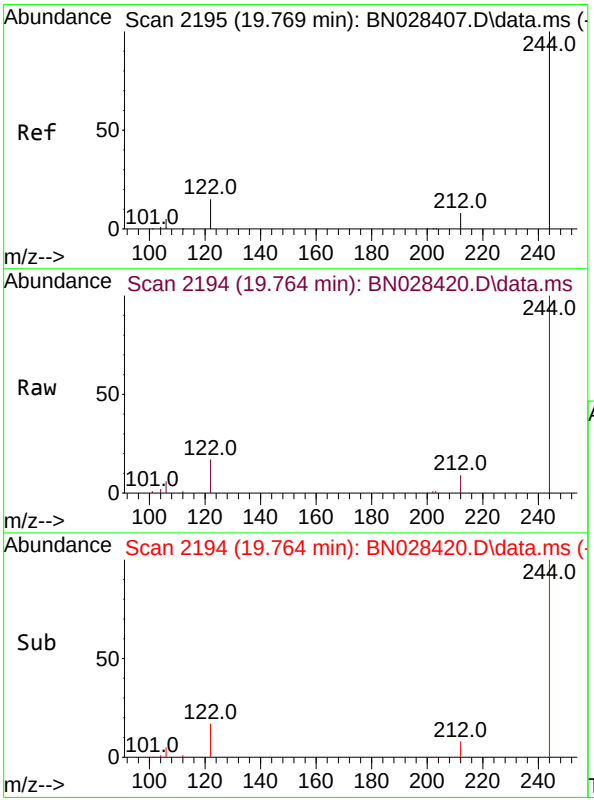
#30
Pyrene
Concen: 0.023 ng
RT: 19.546 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:202 Resp: 2085

Ion	Ratio	Lower	Upper
202	100		
200	22.4	16.6	25.0
203	21.8	14.2	21.2#

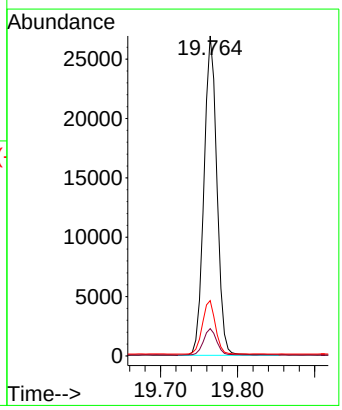


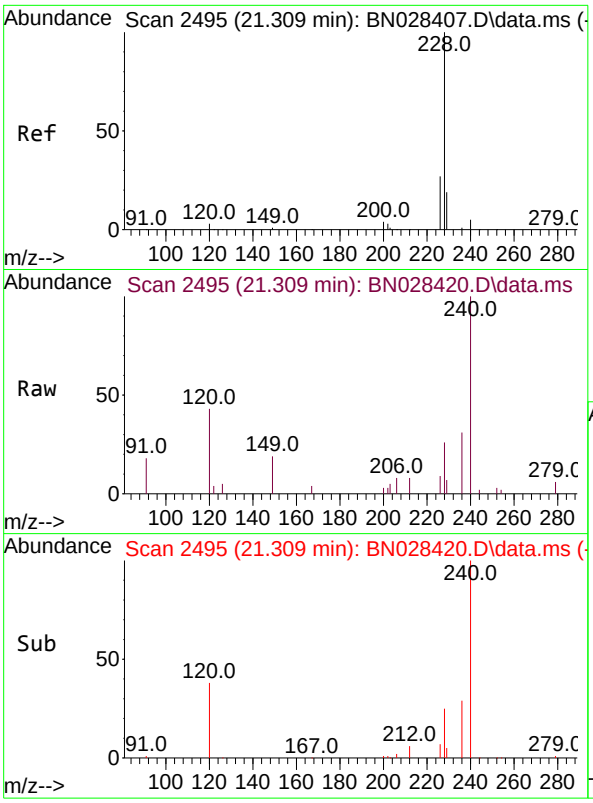


#31
Terphenyl-d14
Concen: 0.685 ng
RT: 19.764 min Scan# 2194
Delta R.T. -0.005 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:244 Resp: 31398

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	17.3	12.6	19.0



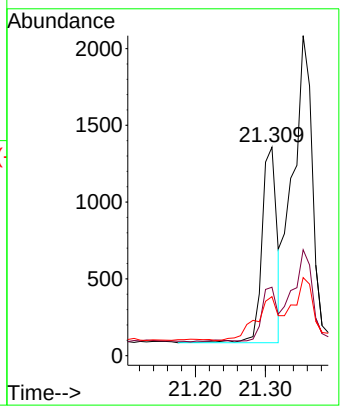


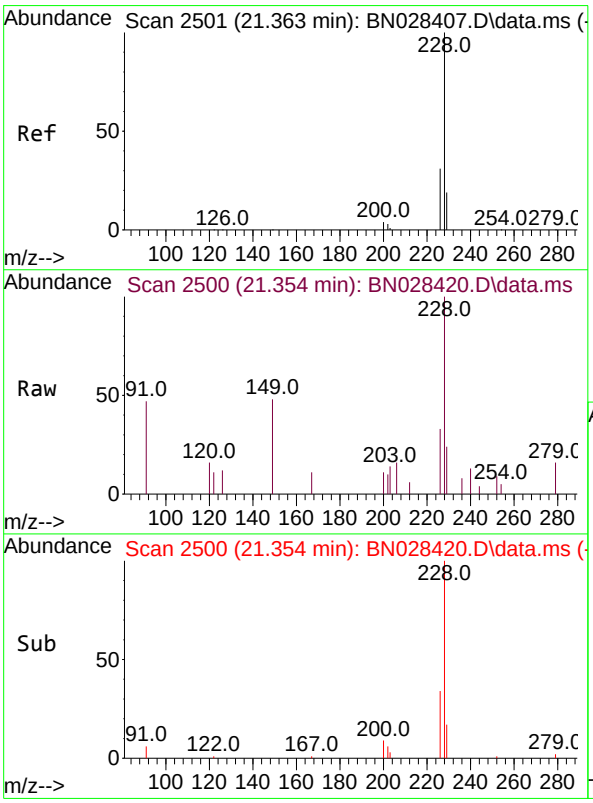
#32
Benzo(a)anthracene
Concen: 0.022 ng
RT: 21.309 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:228 Resp: 1888

Ion	Ratio	Lower	Upper
228	100		
226	32.8	21.8	32.8#
229	28.3	15.5	23.3#

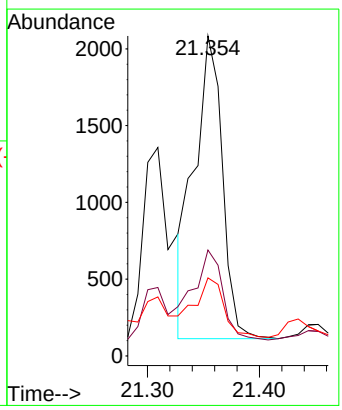


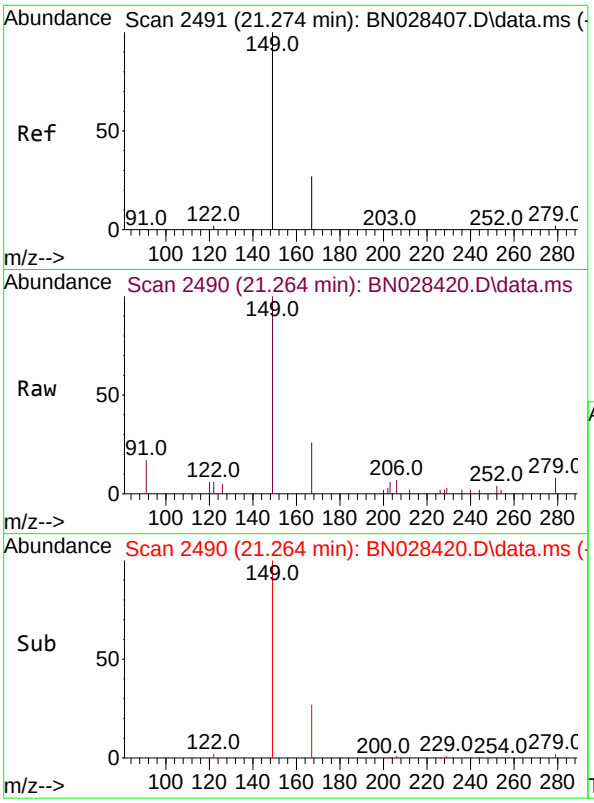


#33
Chrysene
Concen: 0.040 ng
RT: 21.354 min Scan# 2500
Delta R.T. -0.009 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:228 Resp: 3444

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.6	36.8
229	24.4	15.7	23.5#



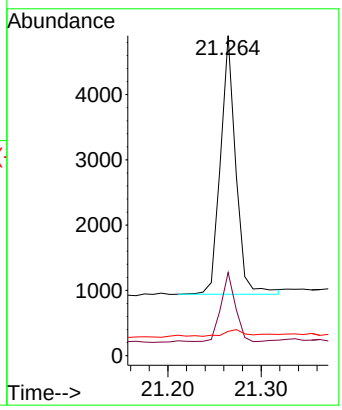


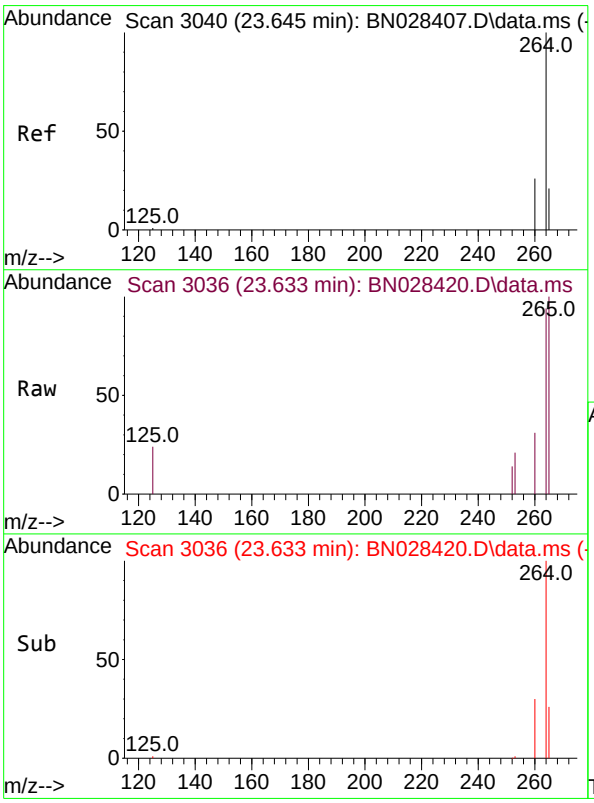
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.101 ng
RT: 21.264 min Scan# 24
Delta R.T. -0.010 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:149 Resp: 4528

Ion	Ratio	Lower	Upper
149	100		
167	25.2	21.4	32.0
279	3.2	2.3	3.5

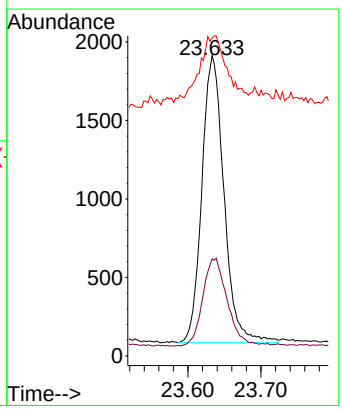


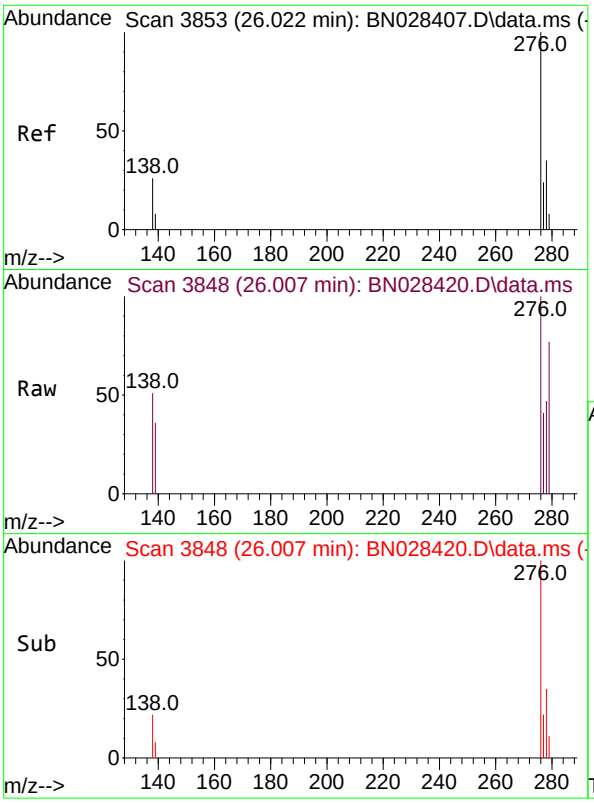


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.633 min Scan# 3036
Delta R.T. -0.012 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:264 Resp: 3845

Ion	Ratio	Lower	Upper
264	100		
260	32.4	20.8	31.2#
265	105.9	21.7	32.5#



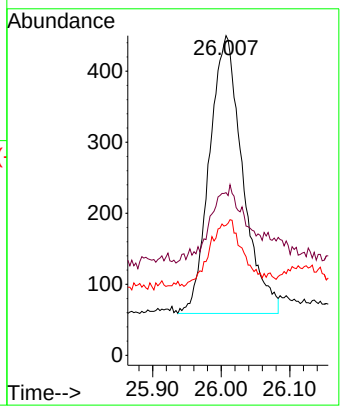


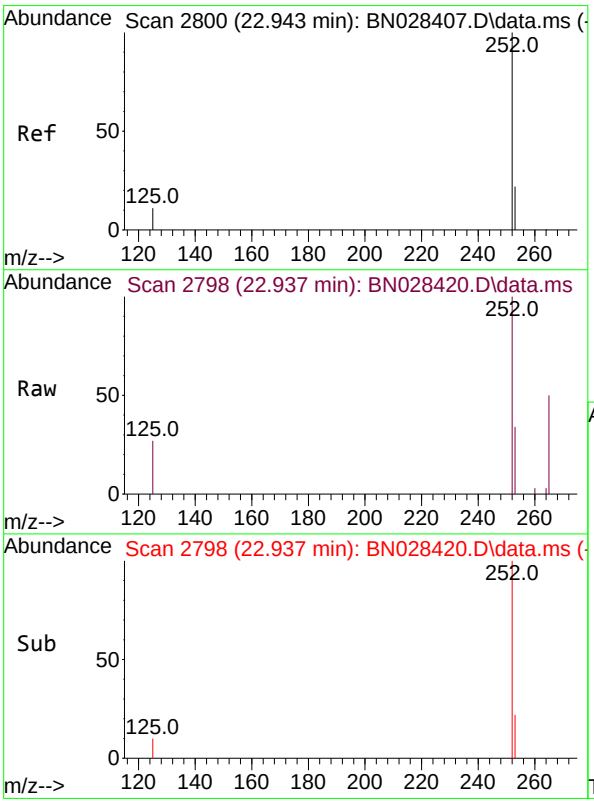
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.134 ng
RT: 26.007 min Scan# 3
Delta R.T. -0.015 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:276 Resp: 1313

Ion	Ratio	Lower	Upper
276	100		
138	23.2	24.1	36.1#
277	23.5	19.7	29.5

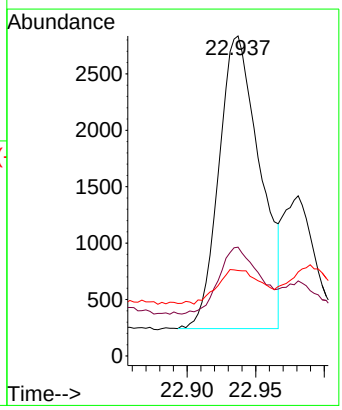


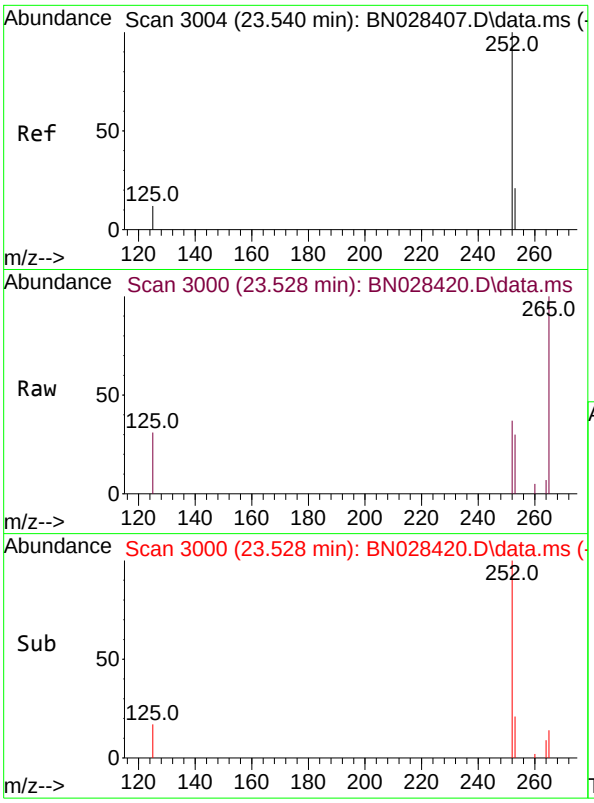


#37
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 22.937 min Scan# 2798
Delta R.T. -0.006 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:252 Resp: 5402

Ion	Ratio	Lower	Upper
252	100		
253	34.0	18.2	27.4#
125	26.7	10.0	15.0#



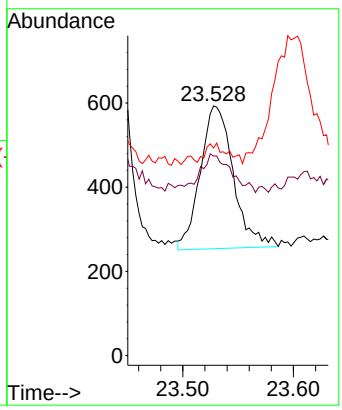


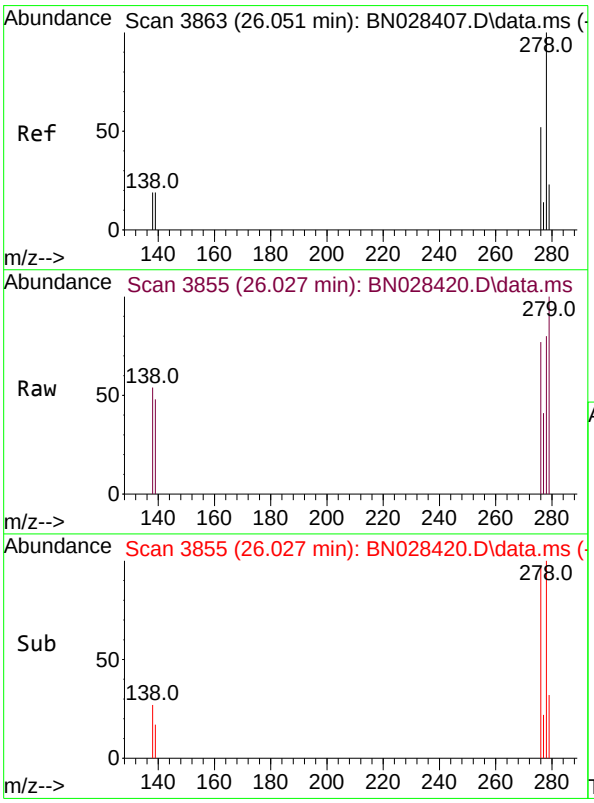
#39
Benzo(a)pyrene
Concen: 0.054 ng
RT: 23.528 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:252 Resp: 704

Ion	Ratio	Lower	Upper
252	100		
253	79.9	17.9	26.9#
125	83.1	11.0	16.6#

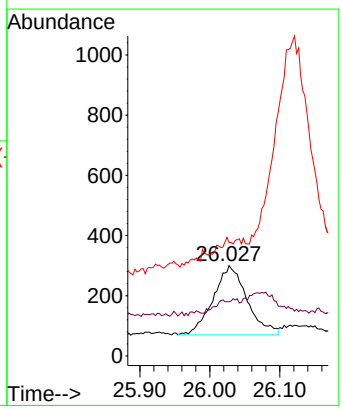


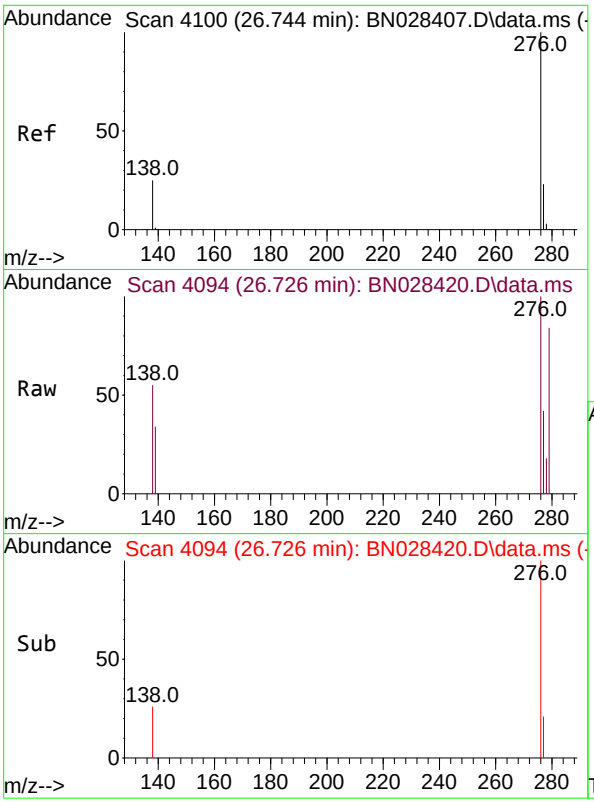


#40
Dibenzo(a,h)anthracene
Concen: 0.063 ng
RT: 26.027 min Scan# 3855
Delta R.T. -0.024 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Tgt Ion:278 Resp: 771

Ion	Ratio	Lower	Upper
278	100		
139	60.0	15.8	23.8#
279	125.7	19.7	29.5#





#41
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 26.726 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN028420.D
Acq: 02 Nov 2023 14:17

Instrument :
BNA_N
ClientSampleId :
BP-VPB-188-GW-100-102

Tgt Ion:276 Resp: 1156

Ion	Ratio	Lower	Upper
276	100		
277	42.1	19.0	28.4#
138	55.3	21.1	31.7#