Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021624\
Data File : BN029839.D
Acq On : 16 Feb 2024 22:37
Operator : MA/JU
Sample : P1439-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Quant Time: Feb 16 23:59:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	4833	0.400	ng	0.00
7) Naphthalene-d8	10.658	136	13275	0.400	ng	#-0.01
13) Acenaphthene-d10	14.511	164	4816	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	11278	0.400	ng	# 0.00
29) Chrysene-d12	21.465	240	8209	0.400	ng	# 0.00
35) Perylene-d12	23.832	264	3817	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.442	112	2835	0.244	ng	0.00
5) Phenol-d6	7.038	99	1946	0.145	ng	0.00
8) Nitrobenzene-d5	9.035	82	4233	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.257	152	6217	0.344	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	1016	0.658	ng	0.00
15) 2-Fluorobiphenyl	13.132	172	11089	0.536	ng	0.00
27) Fluoranthene-d10	19.299	212	8523	0.312	ng	0.00
31) Terphenyl-d14	19.903	244	9155	0.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.362	88	1963	0.289	ng	# 65
18) Fluorene	15.555	166	604	0.031	ng	# 95
21) 4-Bromophenyl-phenylether	16.461	248	220	0.033	ng	95
22) Hexachlorobenzene	16.560	284	302	0.037	ng	97
24) Pentachlorophenol	16.908	266	77	0.030	ng	# 44
25) Phenanthrene	17.392	178	769	0.023	ng	97
26) Anthracene	17.392	178	711	0.025	ng	98
28) Fluoranthene	19.327	202	1129	0.030	ng	# 70
30) Pyrene	19.694	202	894	0.024	ng	# 90
32) Benzo(a)anthracene	21.447	228	1278	0.046	ng	# 87
33) Chrysene	21.501	228	1426	0.045	ng	# 91
34) Bis(2-ethylhexyl)phtha...	21.393	149	17435	0.912	ng	100
36) Indeno(1,2,3-cd)pyrene	26.279	276	1415	0.092	ng	# 68
37) Benzo(b)fluoranthene	23.116	252	1795	0.132	ng	# 33
38) Benzo(k)fluoranthene	23.163	252	1632	0.114	ng	# 1
39) Benzo(a)pyrene	23.730	252	781	0.066	ng	# 1
40) Dibenzo(a,h)anthracene	26.311	278	1144	0.094	ng	# 31
41) Benzo(g,h,i)perylene	27.022	276	1366	0.092	ng	# 67

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 23:52:05 2024
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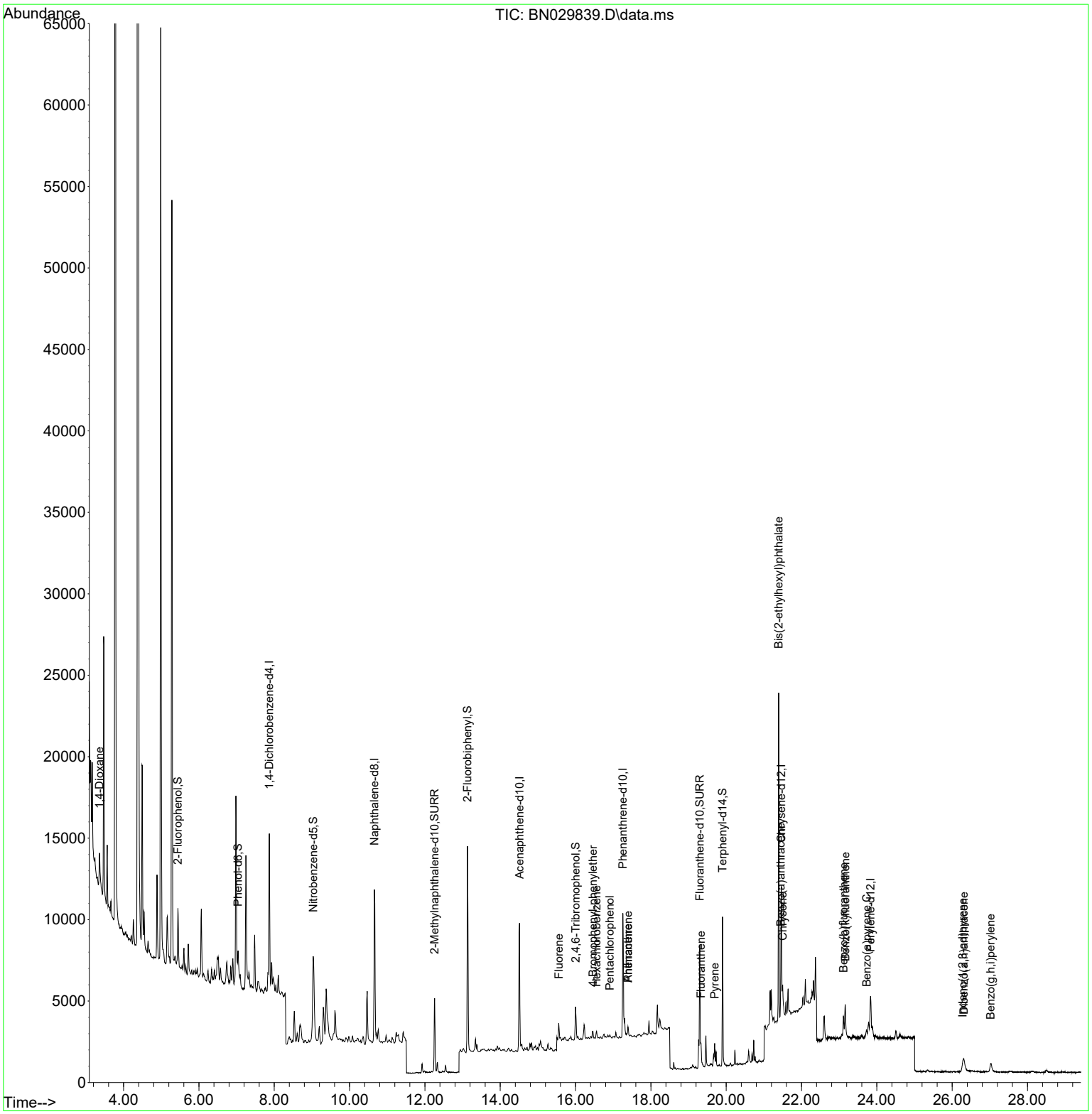
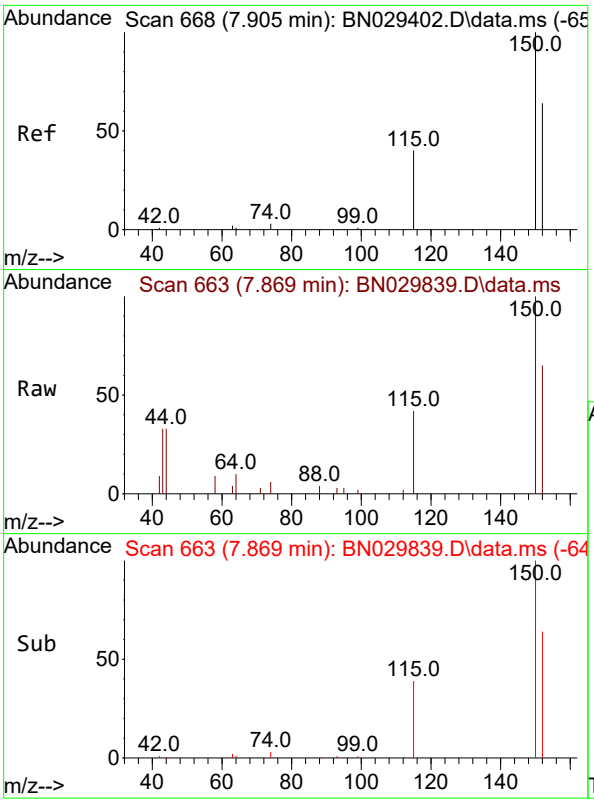


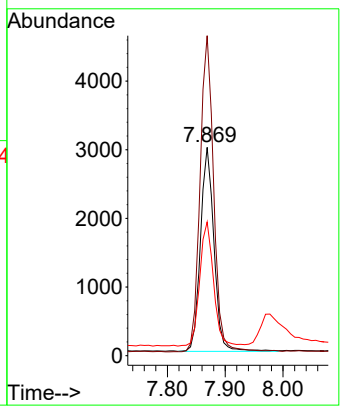


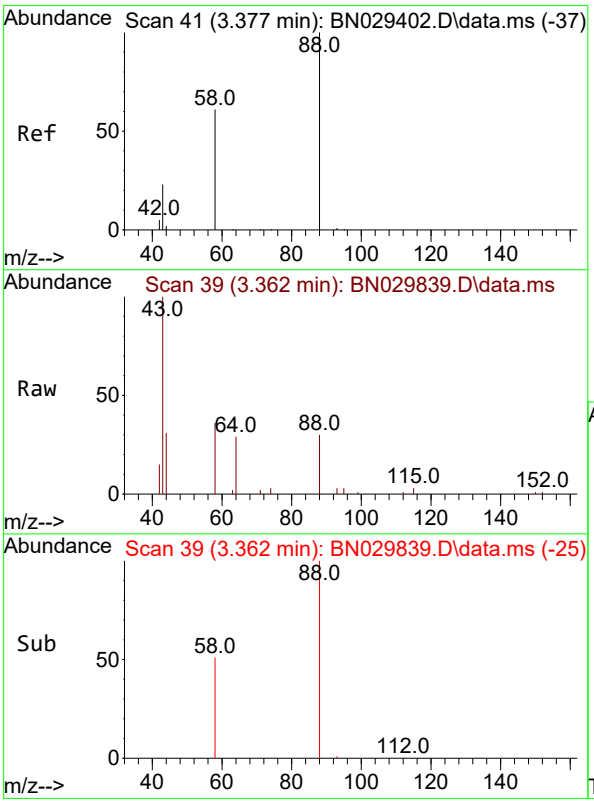
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:152 Resp: 4833

Ion	Ratio	Lower	Upper
152	100		
150	153.6	123.0	184.4
115	64.2	51.4	77.0

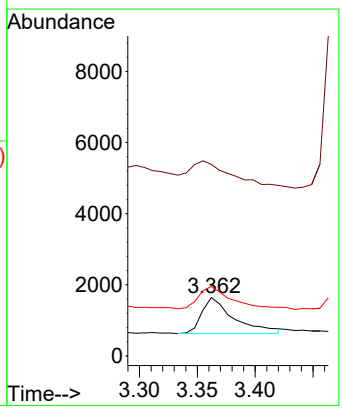


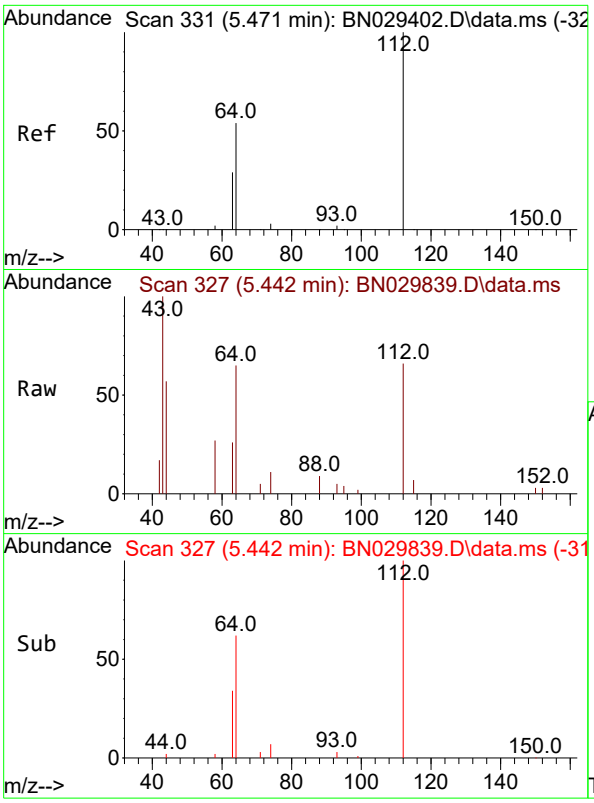


#2
1,4-Dioxane
Concen: 0.289 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion: 88 Resp: 1963

Ion	Ratio	Lower	Upper
88	100		
43	79.6	23.3	34.9#
58	60.3	53.8	80.6



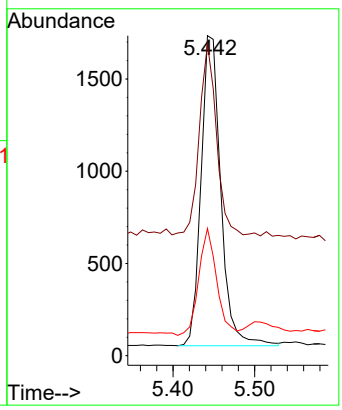


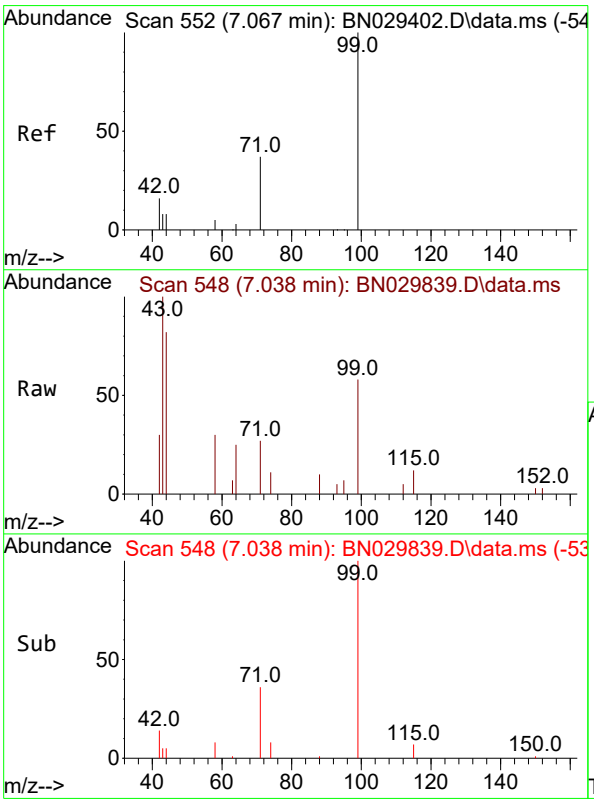
#4
2-Fluorophenol
Concen: 0.244 ng
RT: 5.442 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:112 Resp: 2835

Ion	Ratio	Lower	Upper
112	100		
64	53.2	47.2	70.8
63	31.3	25.8	38.6

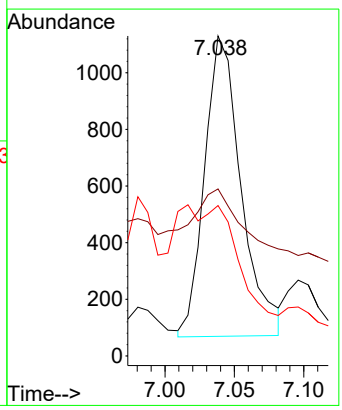


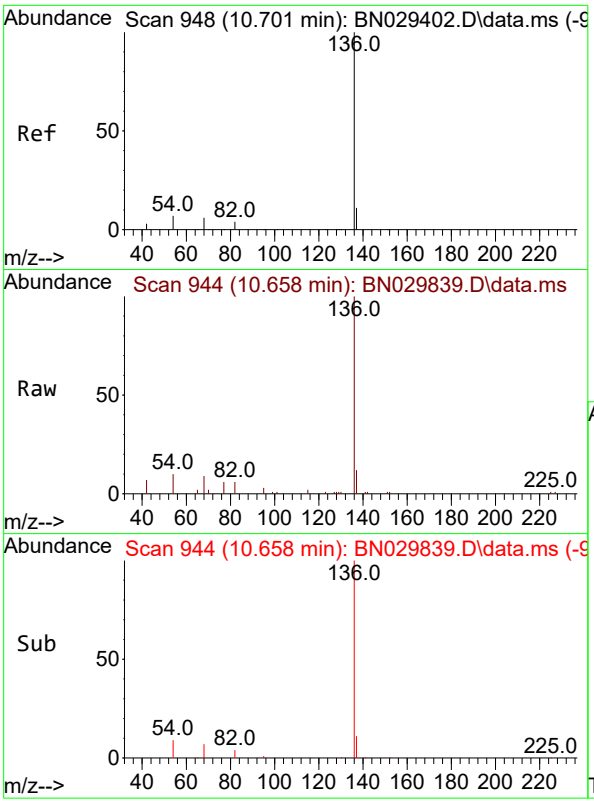


#5
Phenol-d6
Concen: 0.145 ng
RT: 7.038 min Scan# 548
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion: 99 Resp: 1946

Ion	Ratio	Lower	Upper
99	100		
42	36.1	16.9	25.3#
71	0.0	30.0	45.0#



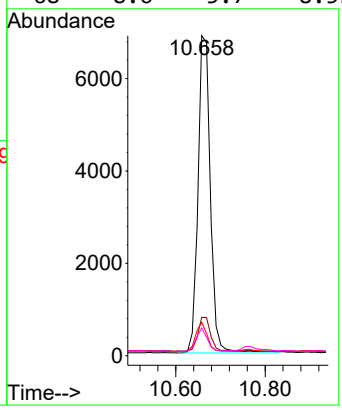


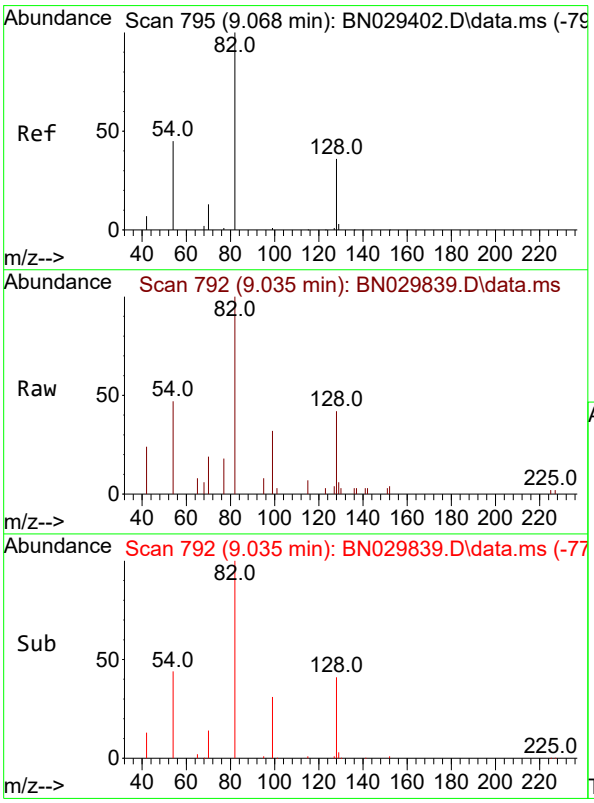
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:136 Resp: 13275

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.7	14.5
54	10.4	6.6	10.0#
68	8.6	5.7	8.5#

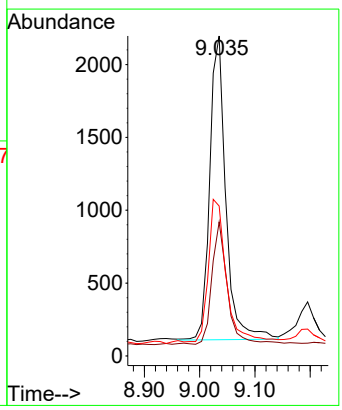


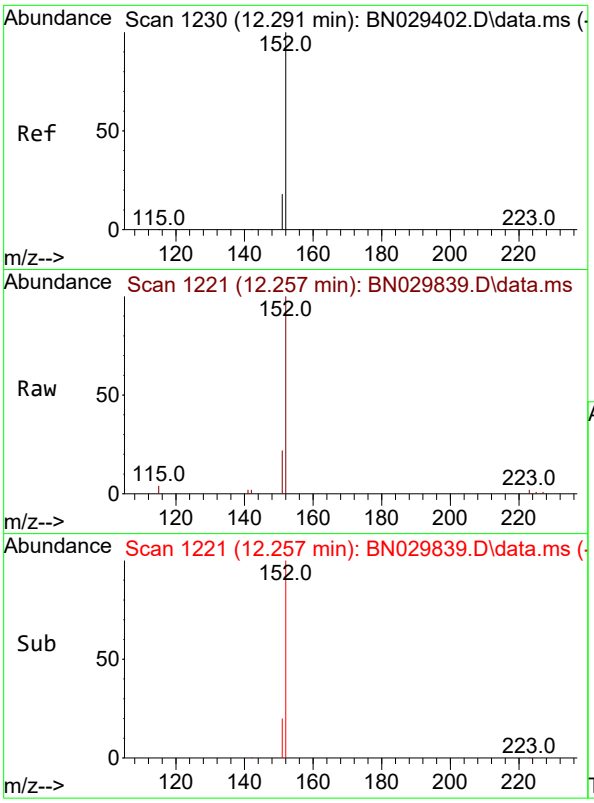


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 9.035 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion: 82 Resp: 4233

Ion	Ratio	Lower	Upper
82	100		
128	41.9	31.6	47.4
54	46.9	38.2	57.4



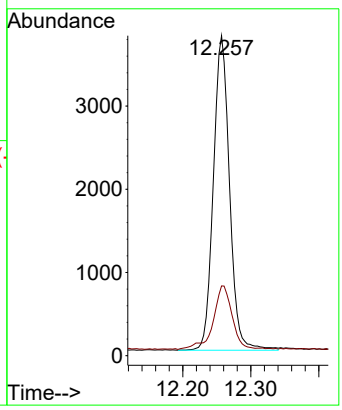


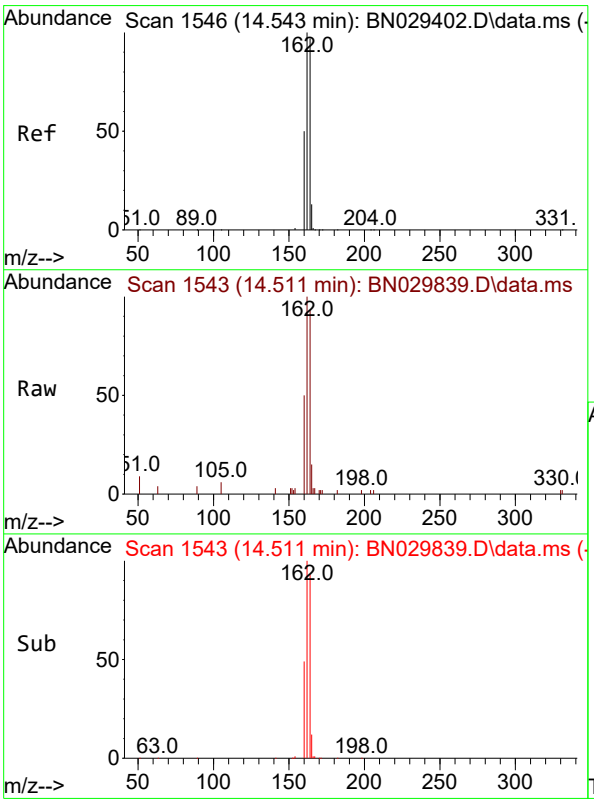
#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 12.257 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:152 Resp: 6217

Ion	Ratio	Lower	Upper
152	100		
151	23.2	17.1	25.7

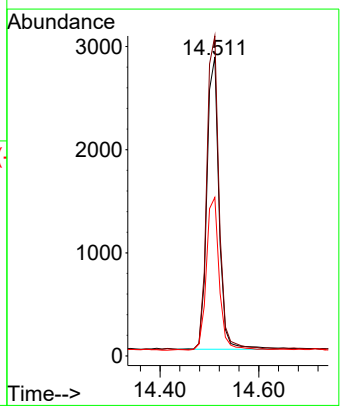


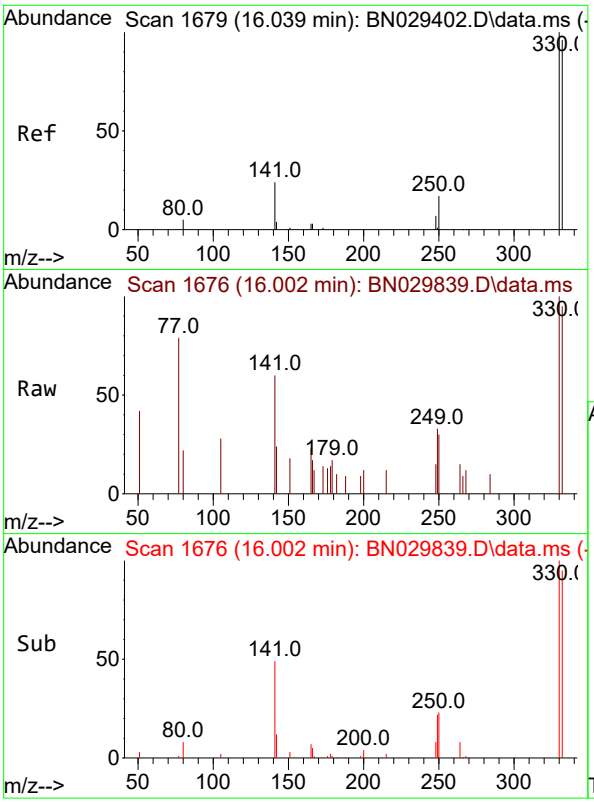


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.511 min Scan# 1543
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:164 Resp: 4816

Ion	Ratio	Lower	Upper
164	100		
162	107.0	82.6	123.8
160	53.0	41.5	62.3



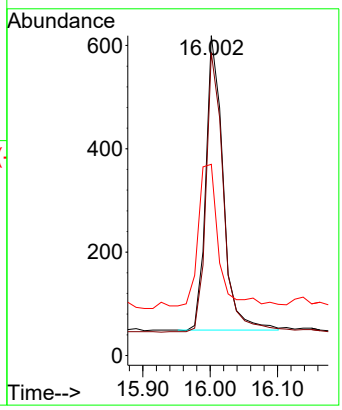


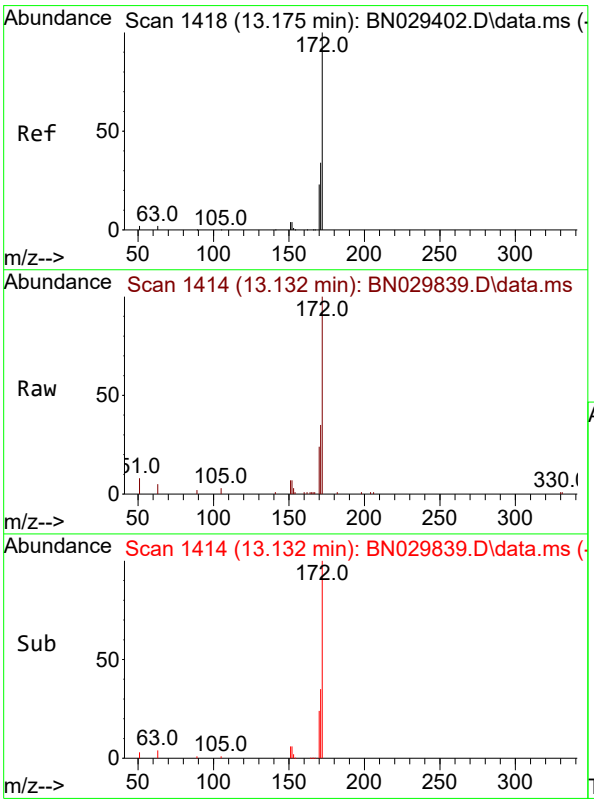
#14
2,4,6-Tribromophenol
Concen: 0.658 ng
RT: 16.002 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:330 Resp: 1016

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.0	114.0
141	56.1	43.4	65.2

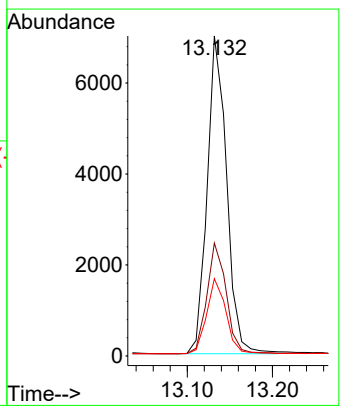


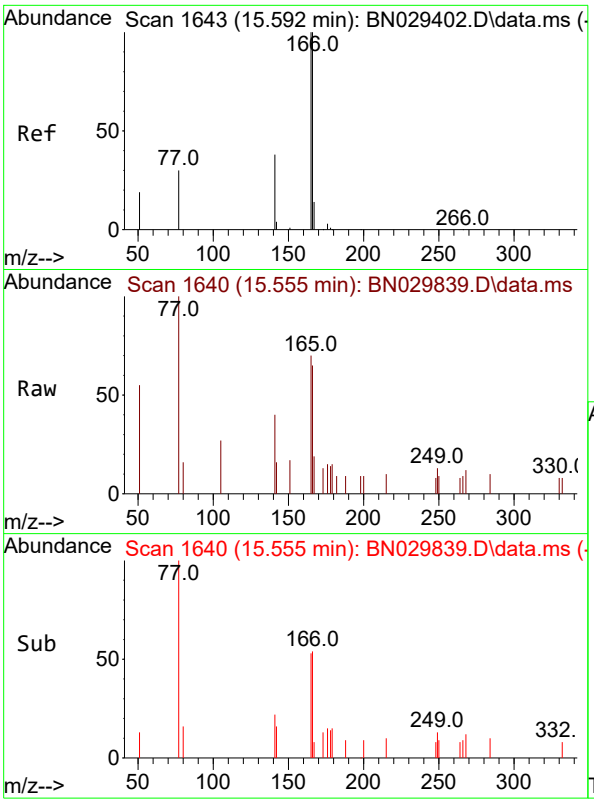


#15
2-Fluorobiphenyl
Concen: 0.536 ng
RT: 13.132 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:172 Resp: 11089

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.0	42.0
170	24.1	18.7	28.1



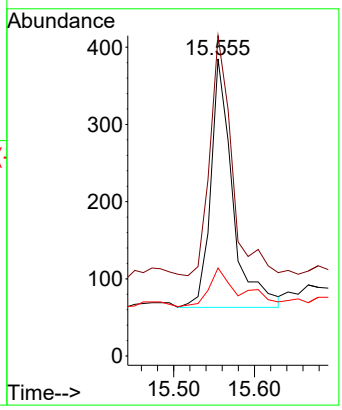


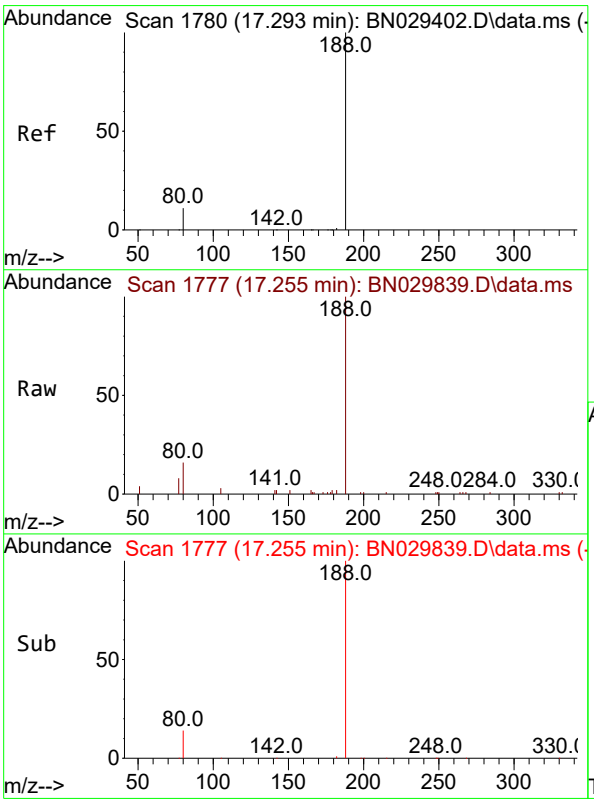
#18
Fluorene
Concen: 0.031 ng
RT: 15.555 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:166 Resp: 604

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.9	119.9
167	22.2	11.3	16.9#

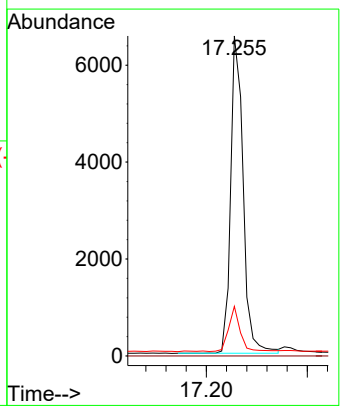


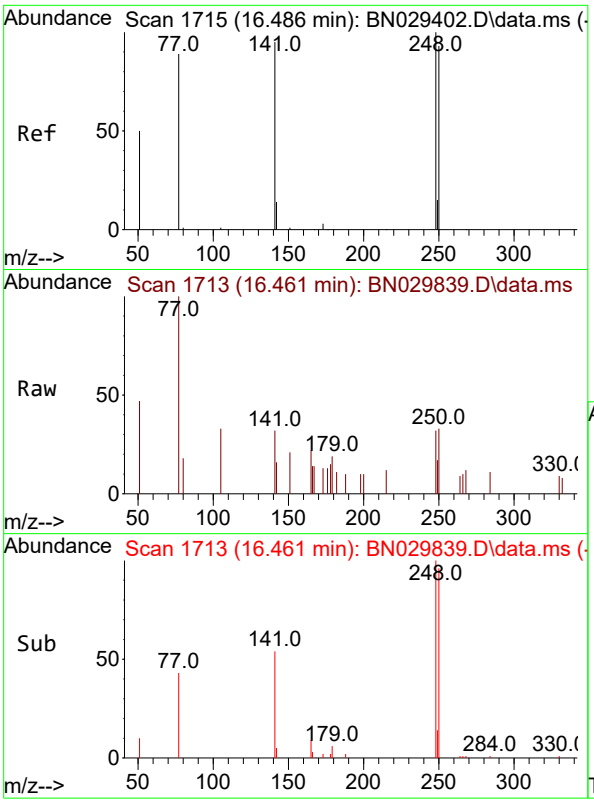


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.255 min Scan# 1777
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:188 Resp: 11278

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	15.5	10.0	15.0#



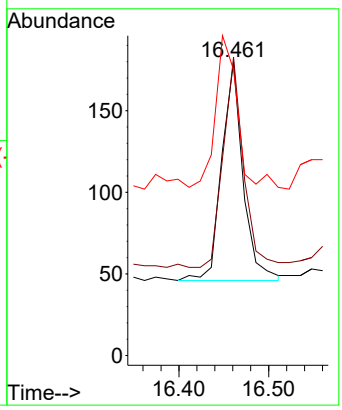


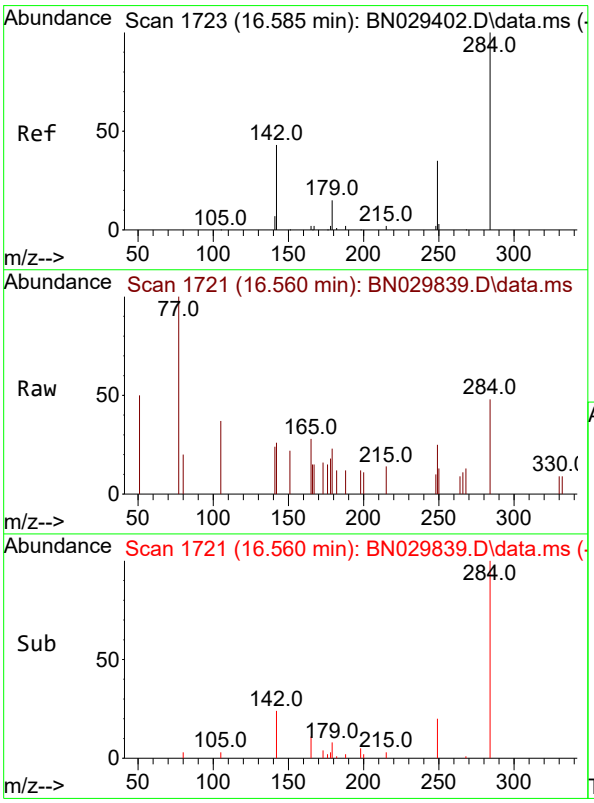
#21
4-Bromophenyl-phenylether
Concen: 0.033 ng
RT: 16.461 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:248 Resp: 220

Ion	Ratio	Lower	Upper
248	100		
250	101.7	75.0	112.4
141	97.2	77.0	115.6

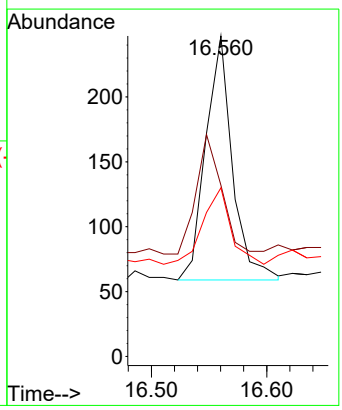


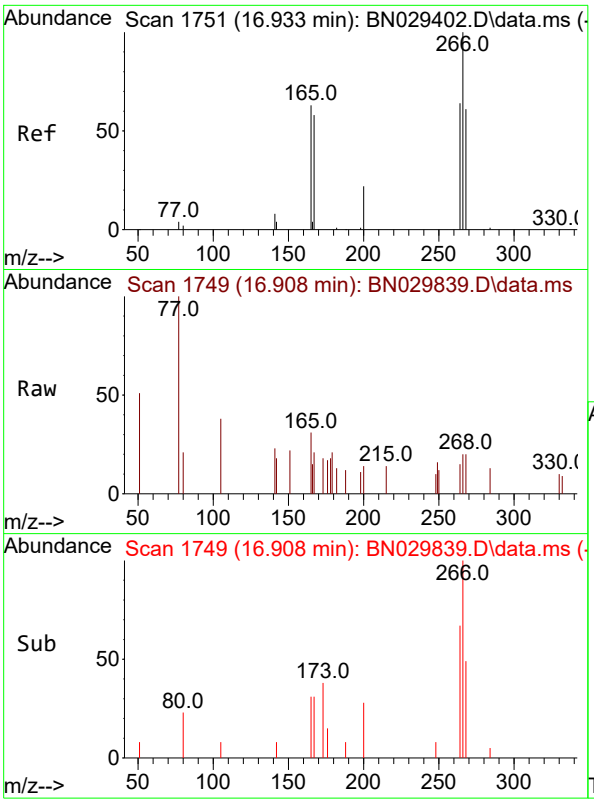


#22
Hexachlorobenzene
Concen: 0.037 ng
RT: 16.560 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:284 Resp: 302

Ion	Ratio	Lower	Upper
284	100		
142	46.7	39.4	59.2
249	32.8	26.9	40.3



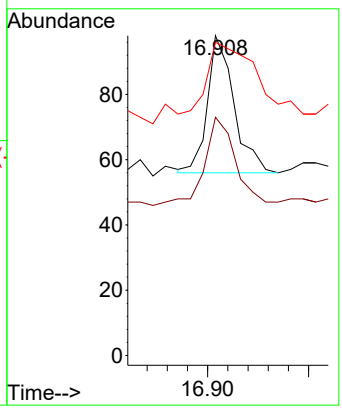


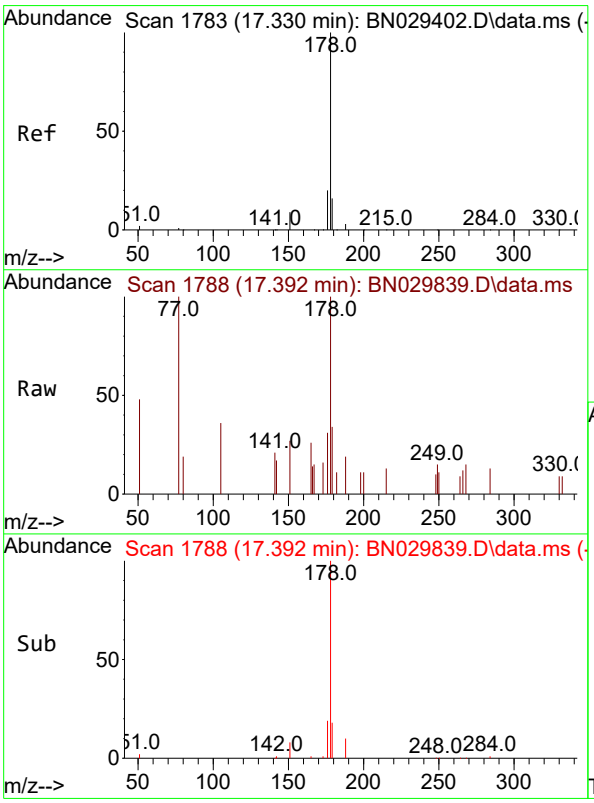
#24
Pentachlorophenol
Concen: 0.030 ng
RT: 16.908 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:266 Resp: 77

Ion	Ratio	Lower	Upper
266	100		
264	75.3	50.8	76.2
268	140.3	51.5	77.3#

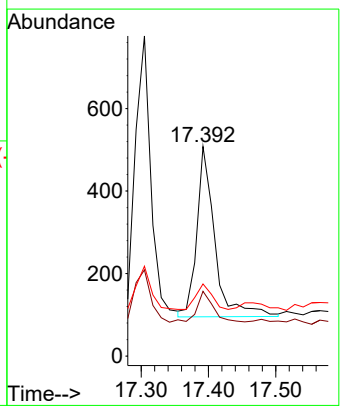


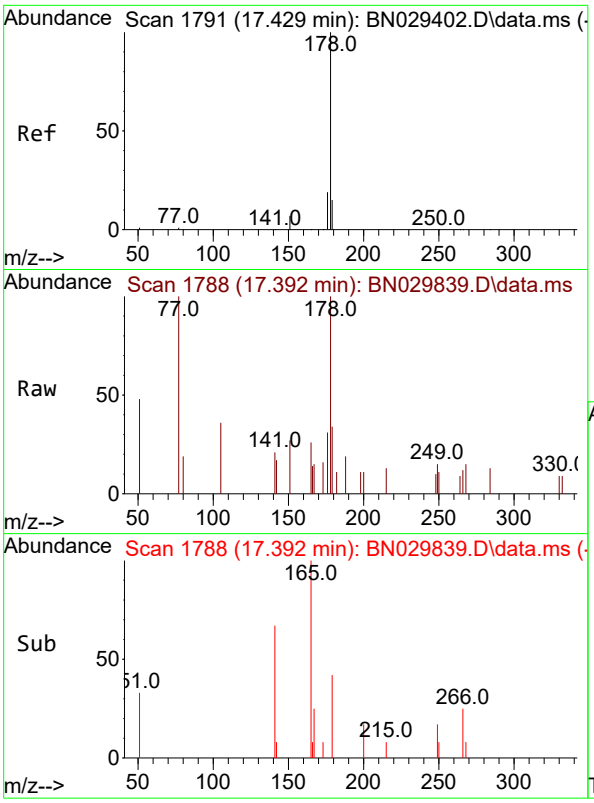


#25
Phenanthrene
Concen: 0.023 ng
RT: 17.392 min Scan# 1788
Delta R.T. 0.087 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:178 Resp: 769

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	13.5	12.6	19.0



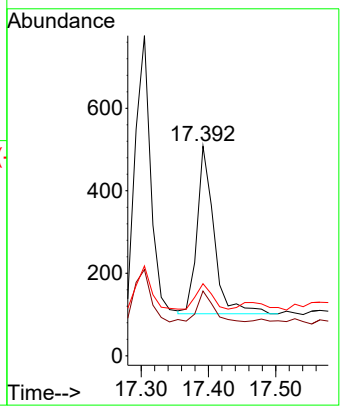


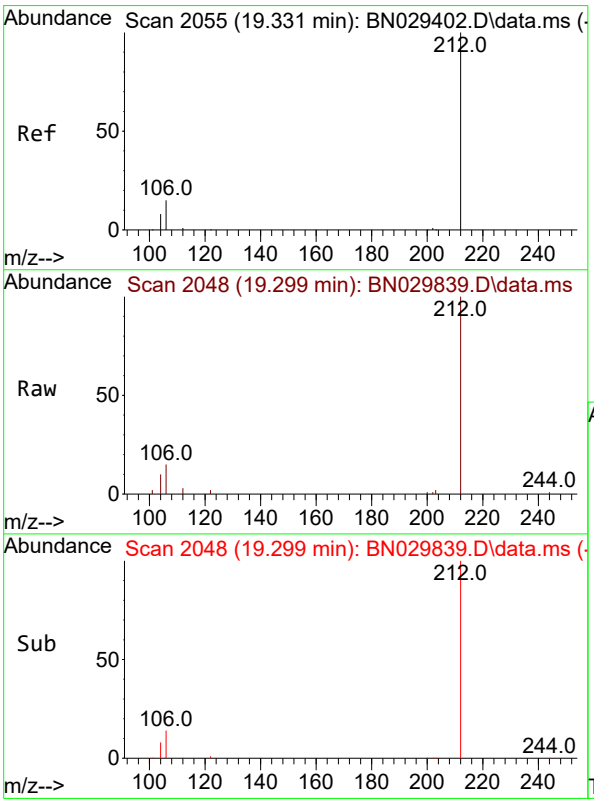
#26
Anthracene
Concen: 0.025 ng
RT: 17.392 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:178 Resp: 711

Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.4
179	14.3	12.3	18.5

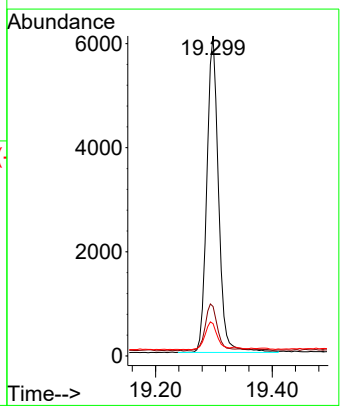


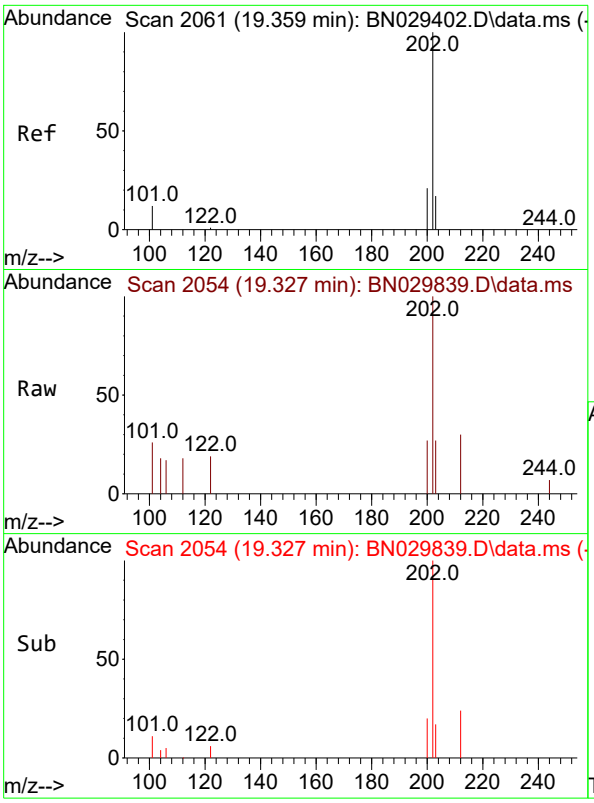


#27
Fluoranthene-d10
Concen: 0.312 ng
RT: 19.299 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:212 Resp: 8523

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.2	19.8
104	9.1	7.7	11.5



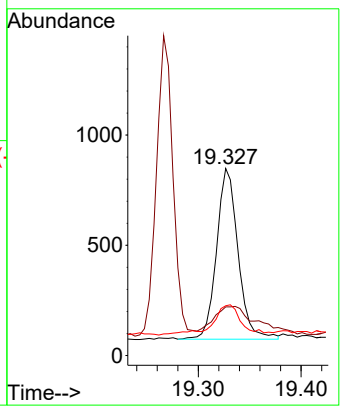


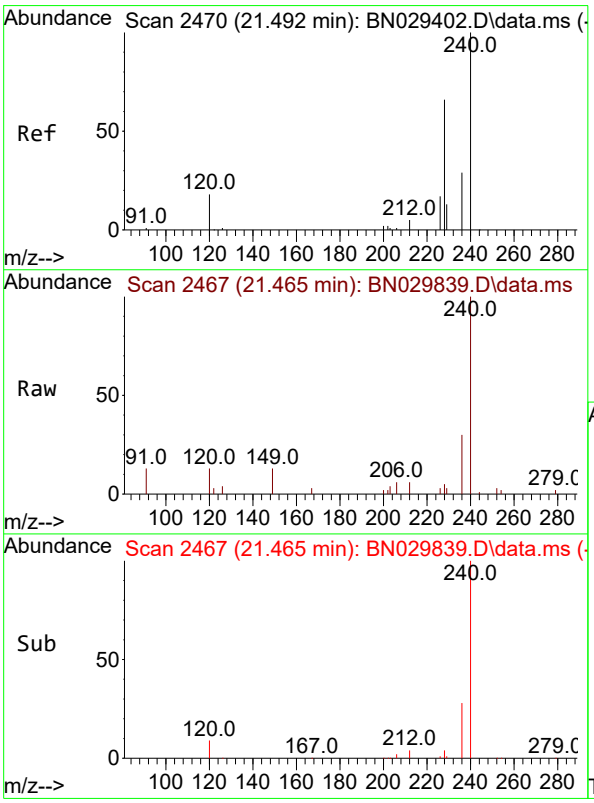
#28
Fluoranthene
Concen: 0.030 ng
RT: 19.327 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:202 Resp: 1129

Ion	Ratio	Lower	Upper
202	100		
101	32.7	10.5	15.7#
203	23.7	13.5	20.3#

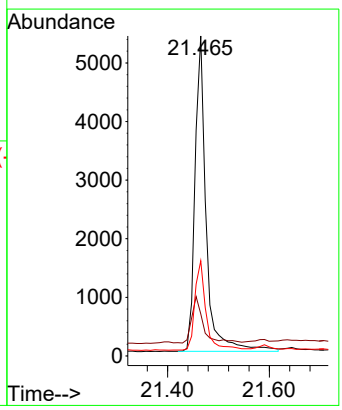


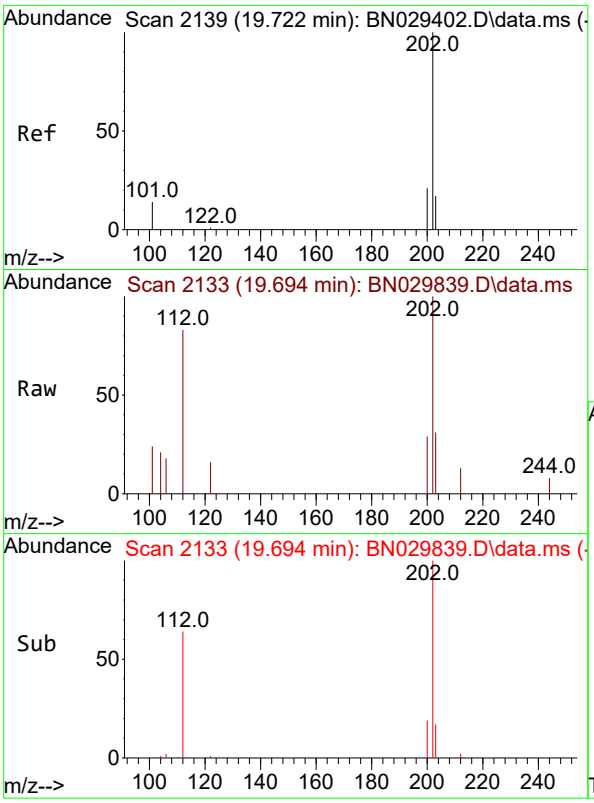


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.465 min Scan# 2467
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:240 Resp: 8209

Ion	Ratio	Lower	Upper
240	100		
120	13.2	16.7	25.1#
236	29.8	23.9	35.9



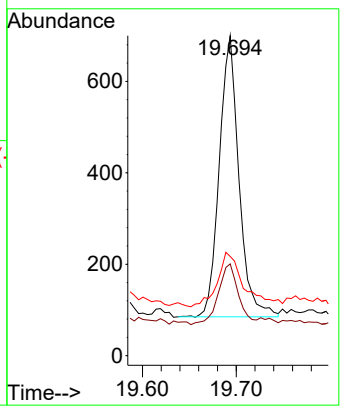


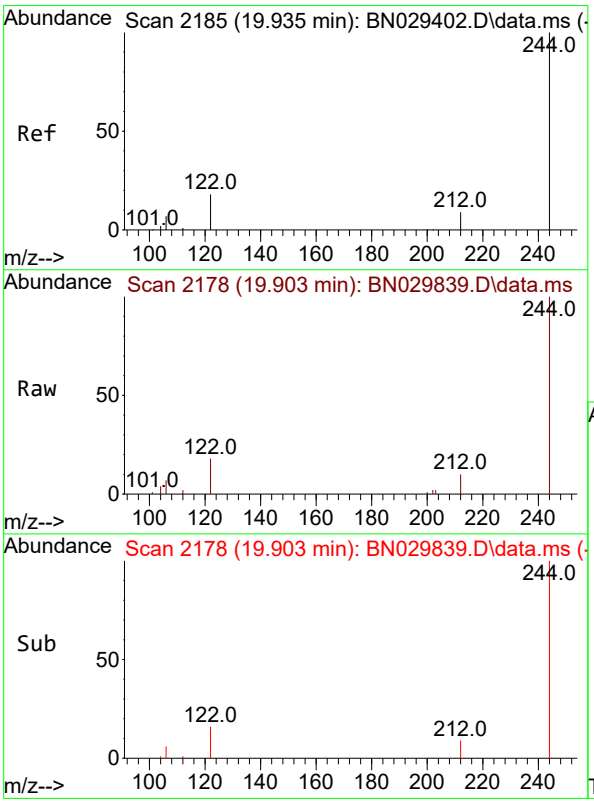
#30
Pyrene
Concen: 0.024 ng
RT: 19.694 min Scan# 21
Delta R.T. 0.005 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:202 Resp: 894

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.6	25.0
203	26.0	14.2	21.4#

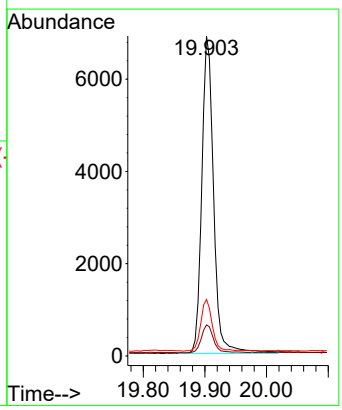


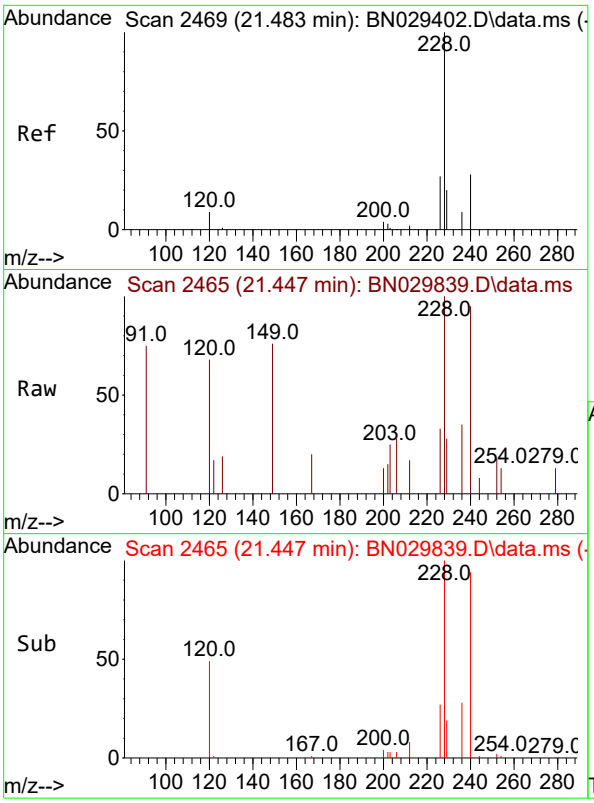


#31
Terphenyl-d14
Concen: 0.449 ng
RT: 19.903 min Scan# 2178
Delta R.T. -0.005 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:244 Resp: 9155

Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.2	12.4
122	17.6	15.6	23.4



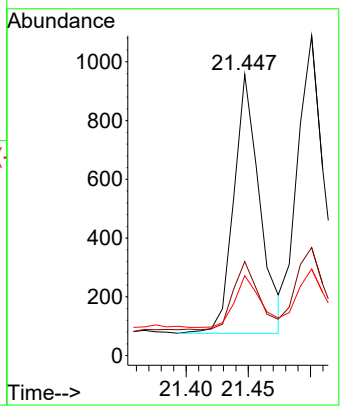


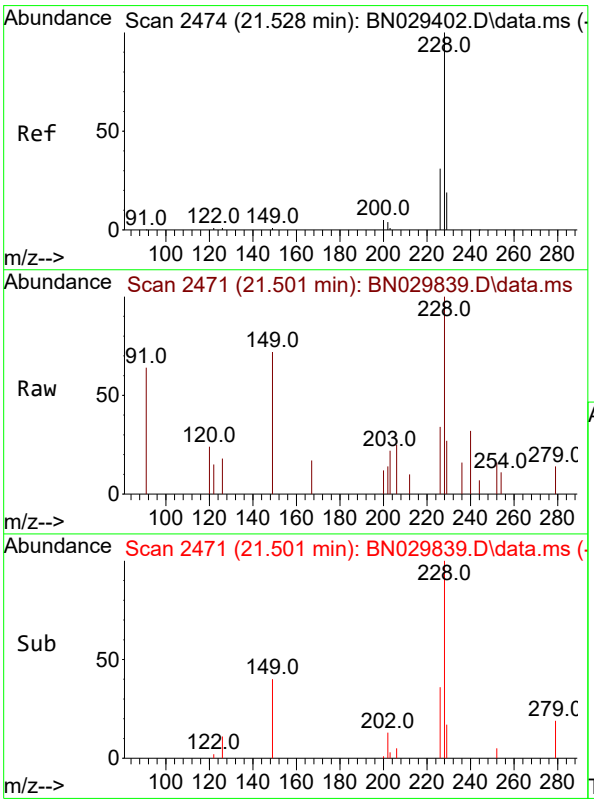
#32
Benzo(a)anthracene
Concen: 0.046 ng
RT: 21.447 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:228 Resp: 1278

Ion	Ratio	Lower	Upper
228	100		
226	33.4	22.2	33.4#
229	28.4	16.5	24.7#

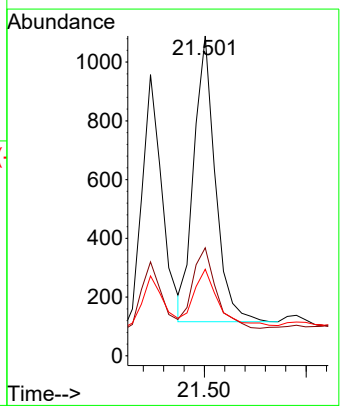


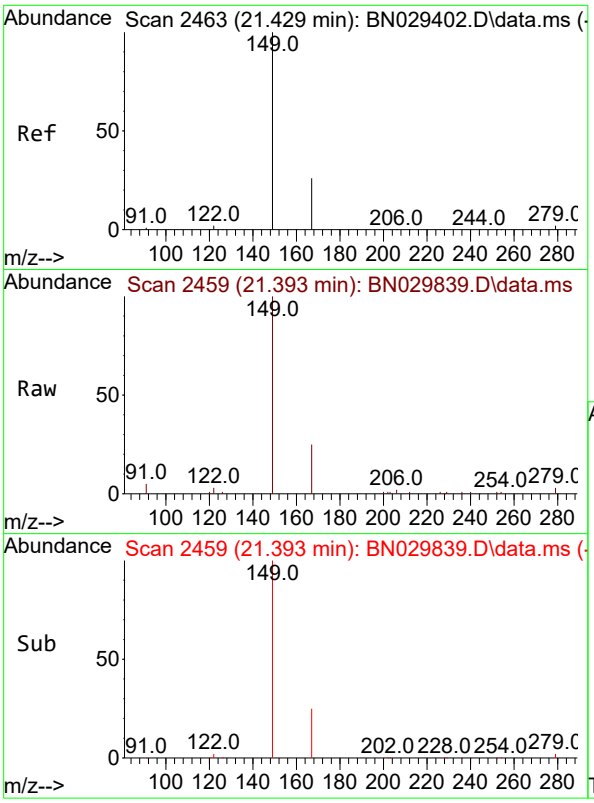


#33
Chrysene
Concen: 0.045 ng
RT: 21.501 min Scan# 2471
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:228 Resp: 1426

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.9	37.3
229	27.1	15.9	23.9#



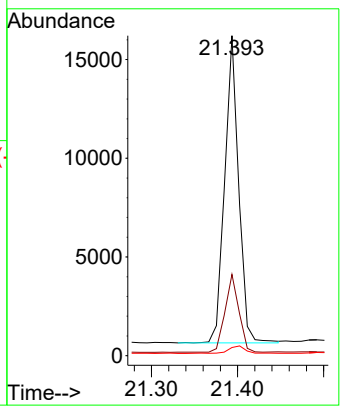


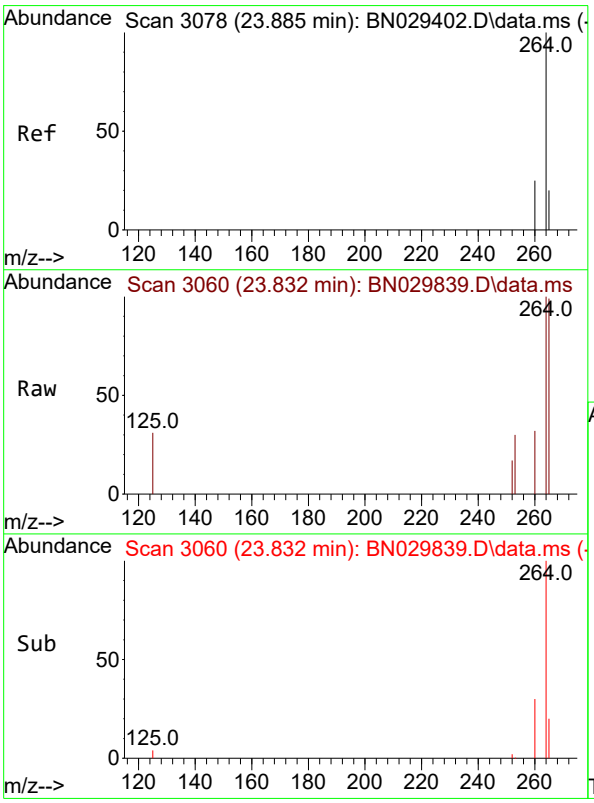
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.912 ng
RT: 21.393 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:149 Resp: 17435

Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.1	30.1
279	3.0	2.5	3.7

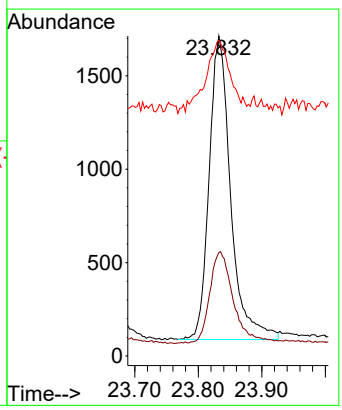


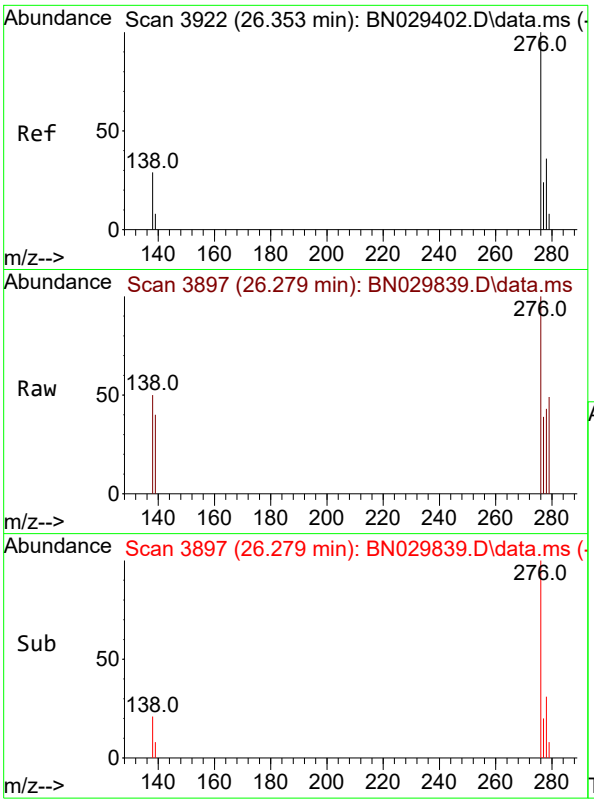


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.832 min Scan# 3060
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:264 Resp: 3817

Ion	Ratio	Lower	Upper
264	100		
260	32.3	21.2	31.8#
265	98.6	41.5	62.3#



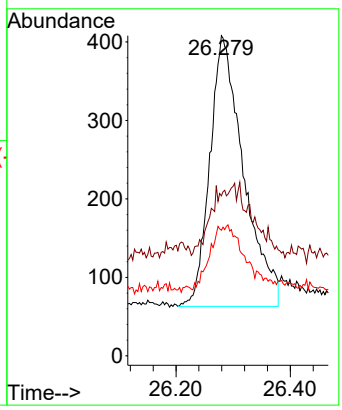


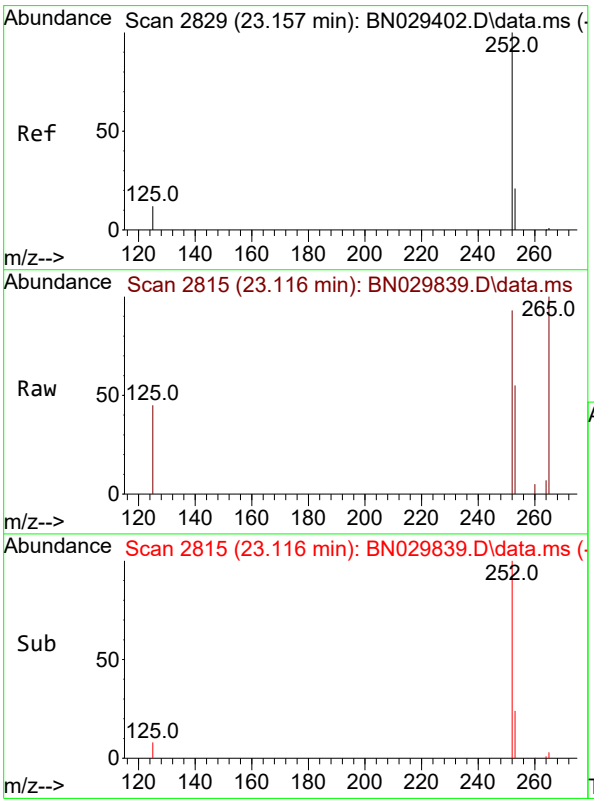
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng
RT: 26.279 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:276 Resp: 1415

Ion	Ratio	Lower	Upper
276	100		
138	7.2	20.5	30.7#
277	8.6	17.0	25.4#

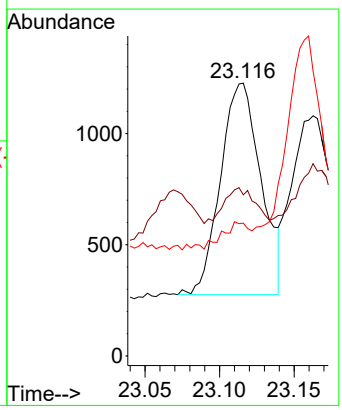


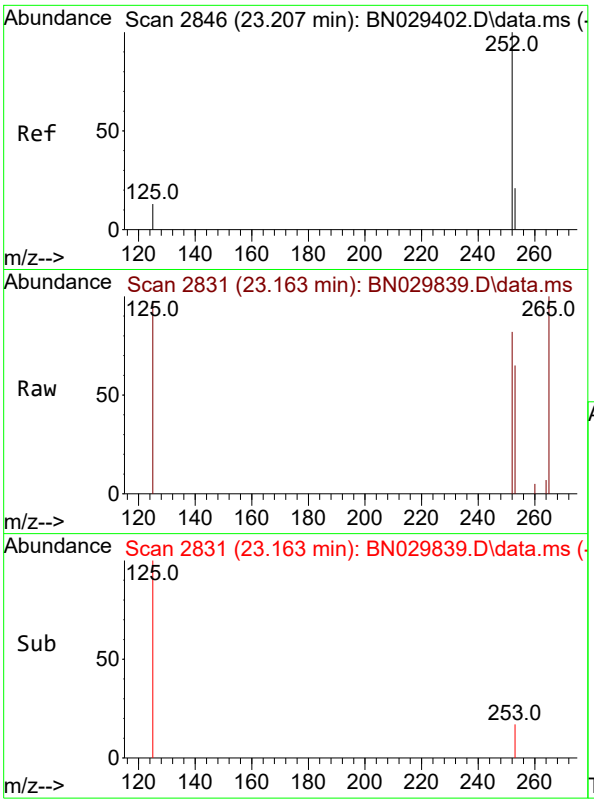


#37
Benzo(b)fluoranthene
Concen: 0.132 ng
RT: 23.116 min Scan# 2815
Delta R.T. 0.006 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:252 Resp: 1795

Ion	Ratio	Lower	Upper
252	100		
253	59.1	21.7	32.5#
125	48.7	13.3	19.9#



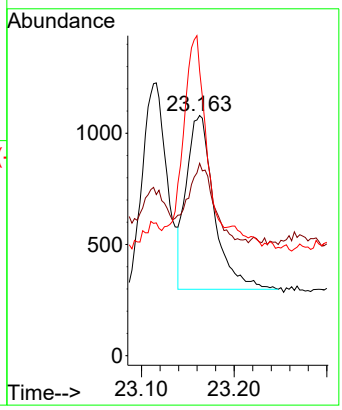


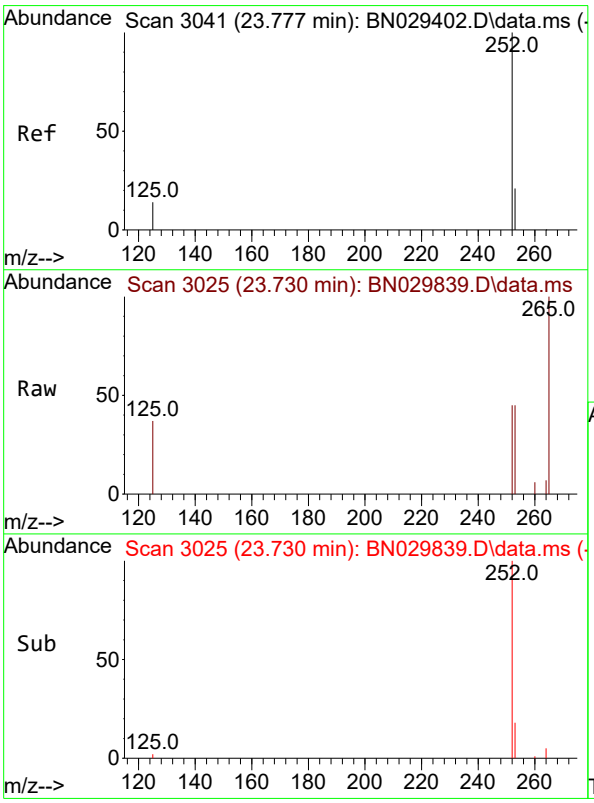
#38
Benzo(k)fluoranthene
Concen: 0.114 ng
RT: 23.163 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:252 Resp: 1632

Ion	Ratio	Lower	Upper
252	100		
253	80.1	21.8	32.8#
125	118.6	13.9	20.9#

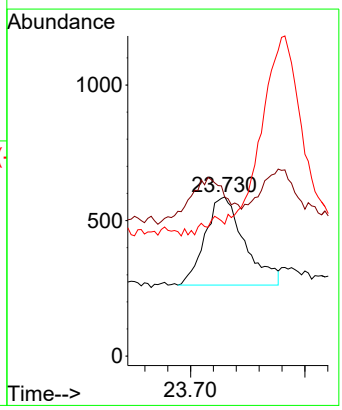


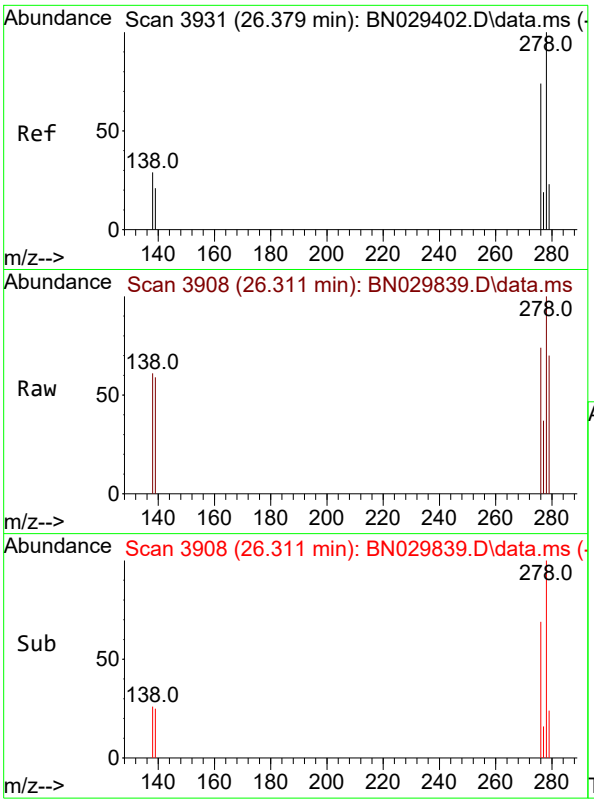


#39
Benzo(a)pyrene
Concen: 0.066 ng
RT: 23.730 min Scan# 3025
Delta R.T. 0.003 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:252 Resp: 781

Ion	Ratio	Lower	Upper
252	100		
253	99.8	24.9	37.3#
125	83.0	16.6	25.0#



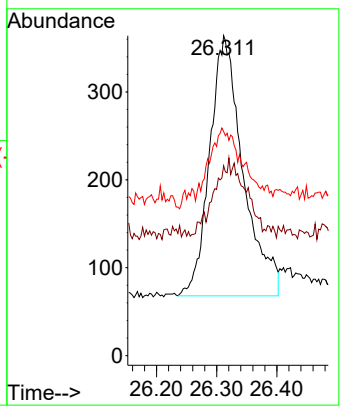


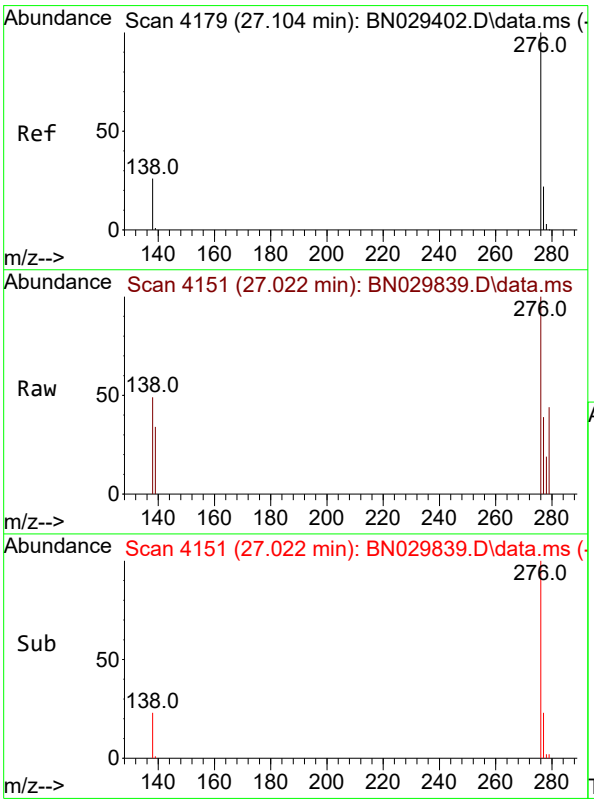
#40
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 26.311 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Instrument :
BNA_N
ClientSampleId :
BP-VPB-195-GW-765-767

Tgt Ion:278 Resp: 1144

Ion	Ratio	Lower	Upper
278	100		
139	59.3	20.4	30.6#
279	70.1	25.0	37.6#





#41
Benzo(g,h,i)perylene
Concen: 0.092 ng
RT: 27.022 min Scan# 4151
Delta R.T. -0.006 min
Lab File: BN029839.D
Acq: 16 Feb 2024 22:37

Tgt Ion:276 Resp: 1366

Ion	Ratio	Lower	Upper
276	100		
277	38.6	19.4	29.2#
138	49.0	23.5	35.3#