Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017526.D
Acq On : 19 Nov 2021 16:52
Operator : CG/JU
Sample : M4740-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Quant Time: Nov 19 17:22:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	30452	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	140139	0.400	ng		#-0.01
13) Acenaphthene-d10	14.485	164	77743	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	146594	0.400	ng		# 0.00
29) Chrysene-d12	21.409	240	137189	0.400	ng		# 0.00
35) Perylene-d12	23.780	264	121614	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.458	112	7961	0.105	ng		0.00
5) Phenol-d6	7.035	99	5520	0.065	ng		0.00
8) Nitrobenzene-d5	9.001	82	26855	0.291	ng		-0.01
11) 2-Methylnaphthalene-d10	12.239	152	57071	0.244	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	10801	0.452	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	77171	0.267	ng		0.00
27) Fluoranthene-d10	19.258	212	160364	0.356	ng		0.00
31) Terphenyl-d14	19.858	244	120767	0.401	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	45683	3.128	ng		99
6) bis(2-Chloroethyl)ether	7.321	93	326	0.004	ng	#	18
9) Naphthalene	10.699	128	3958	0.011	ng	#	90
10) Hexachlorobutadiene	11.016	225	13	0.000	ng	#	97
12) 2-Methylnaphthalene	12.315	142	1083	0.005	ng	#	81
16) Acenaphthylene	14.206	152	340	0.001	ng	#	48
17) Acenaphthene	14.549	154	515	0.002	ng	#	39
18) Fluorene	15.526	166	850	0.003	ng	#	83
21) 4-Bromophenyl-phenylether	16.422	248	24	0.000	ng	#	1
22) Hexachlorobenzene	16.544	284	76	0.001	ng	#	1
23) Atrazine	16.714	200	180	0.003	ng	#	1
24) Pentachlorophenol	16.885	266	600	0.215	ng		92
25) Phenanthrene	17.262	178	12791	0.031	ng	#	93
26) Anthracene	17.359	178	1619	0.005	ng	#	82
28) Fluoranthene	19.287	202	11229	0.025	ng	#	69
30) Pyrene	19.650	202	6598	0.014	ng	#	89
32) Benzo(a)anthracene	21.398	228	1716	0.004	ng	#	1
33) Chrysene	21.451	228	851	0.002	ng	#	47
34) Bis(2-ethylhexyl)phtha...	21.335	149	108079	0.574	ng		99
36) Indeno(1,2,3-cd)pyrene	26.224	276	664	0.002	ng	#	16
37) Benzo(b)fluoranthene	23.061	252	1129	0.003	ng	#	1
38) Benzo(k)fluoranthene	23.105	252	573	0.001	ng	#	1
39) Benzo(a)pyrene	23.677	252	776	0.002	ng	#	1
40) Dibenzo(a,h)anthracene	26.237	278	439	0.001	ng	#	1
41) Benzo(g,h,i)perylene	26.963	276	631	0.002	ng	#	1

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

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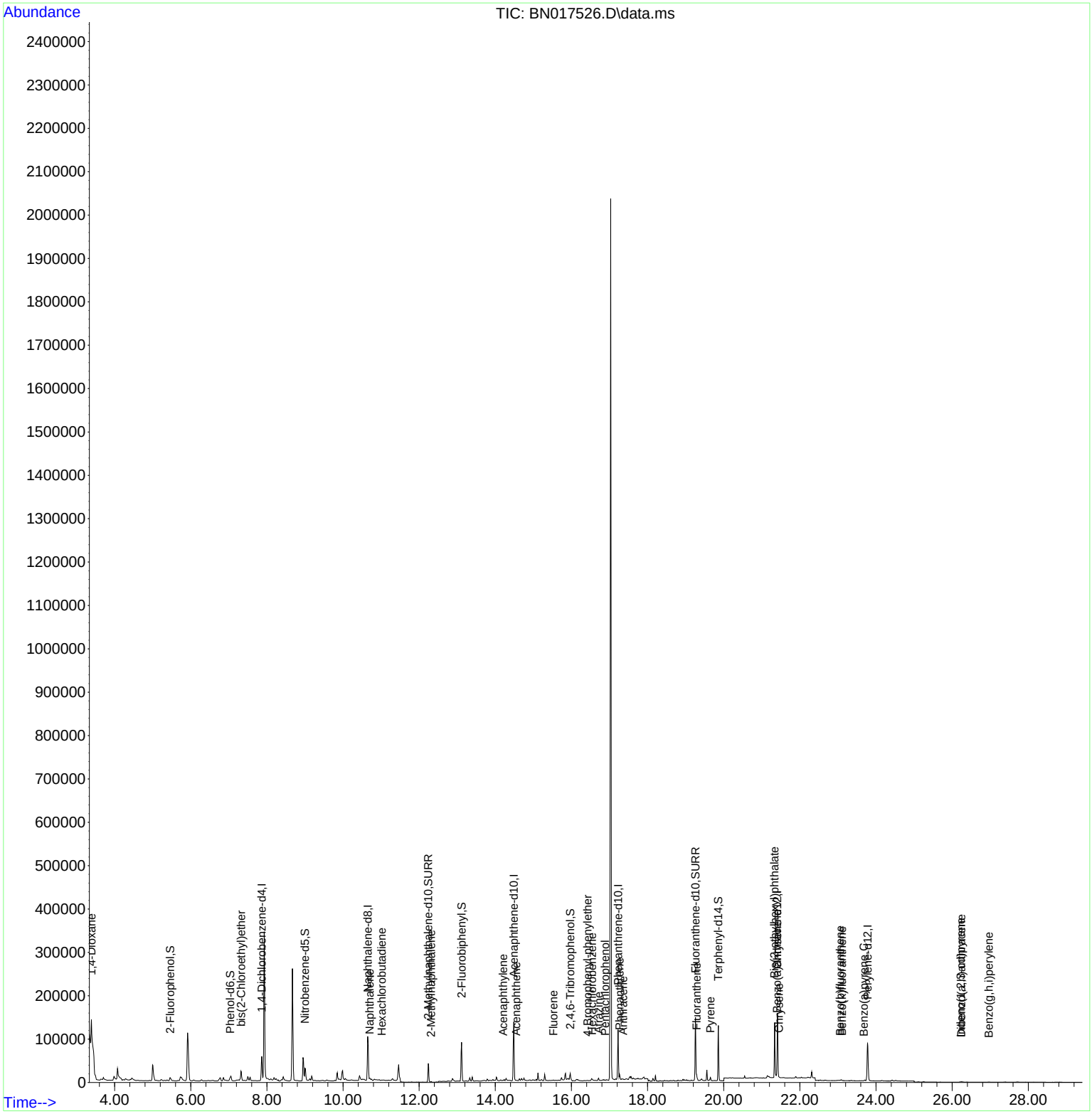
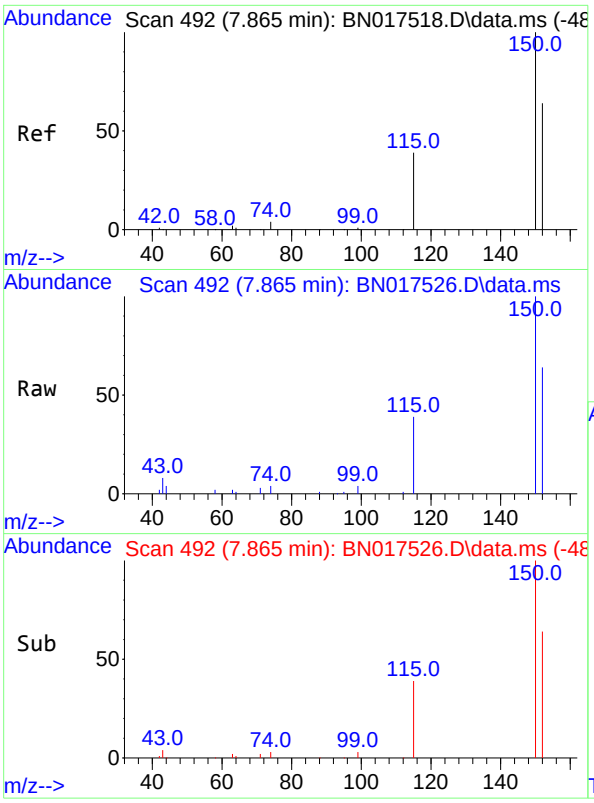
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Quant Time: Nov 19 17:22:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 14:57:14 2021
Response via : Initial Calibration



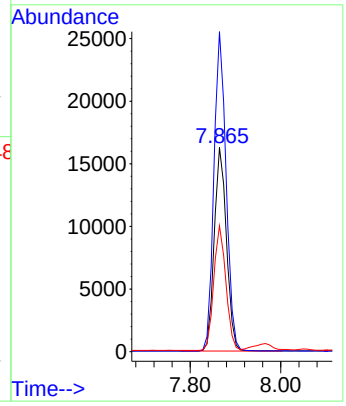


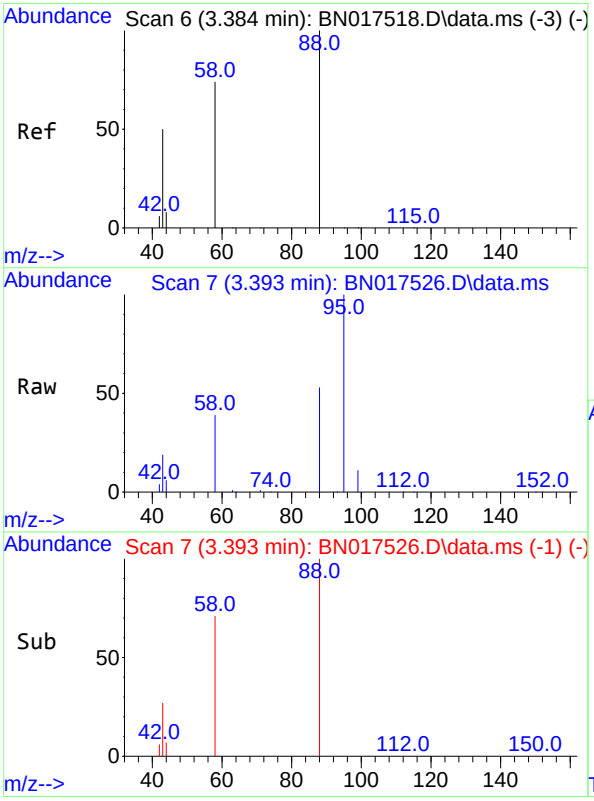
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:152 Resp: 30452

Ion	Ratio	Lower	Upper
152	100		
150	156.7	123.0	184.4
115	61.7	45.6	68.4

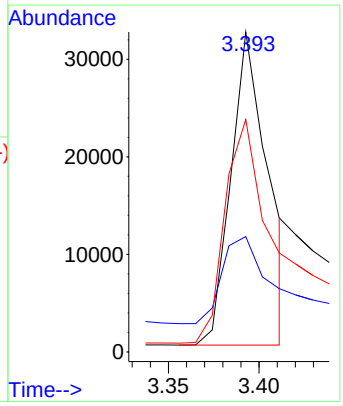


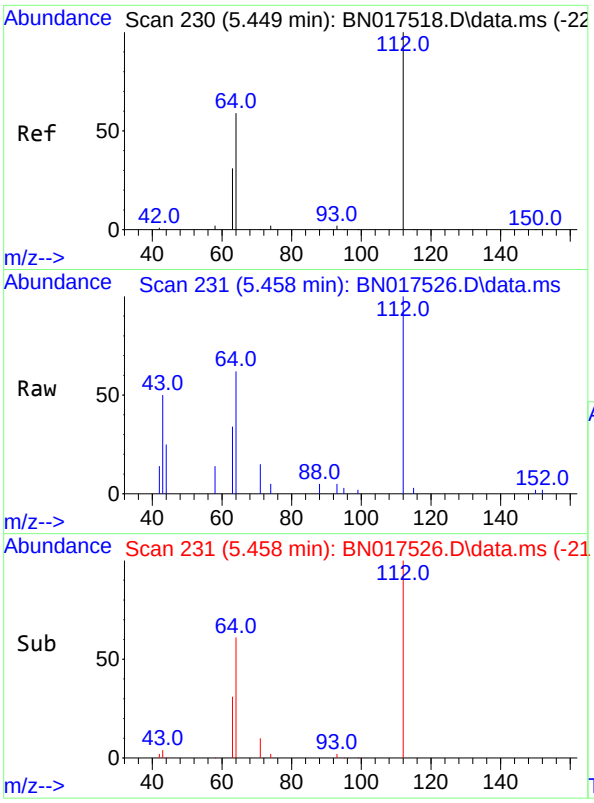


#2
1,4-Dioxane
Concen: 3.128 ng
RT: 3.393 min Scan# 7
Delta R.T. 0.009 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion: 88 Resp: 45683

Ion	Ratio	Lower	Upper
88	100		
43	32.6	24.7	37.1
58	78.8	63.0	94.6



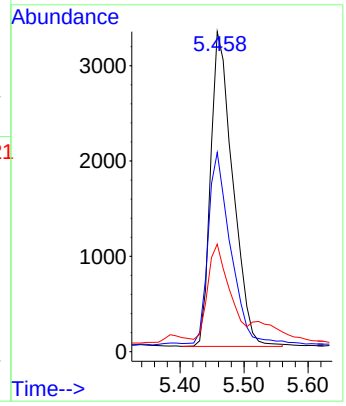


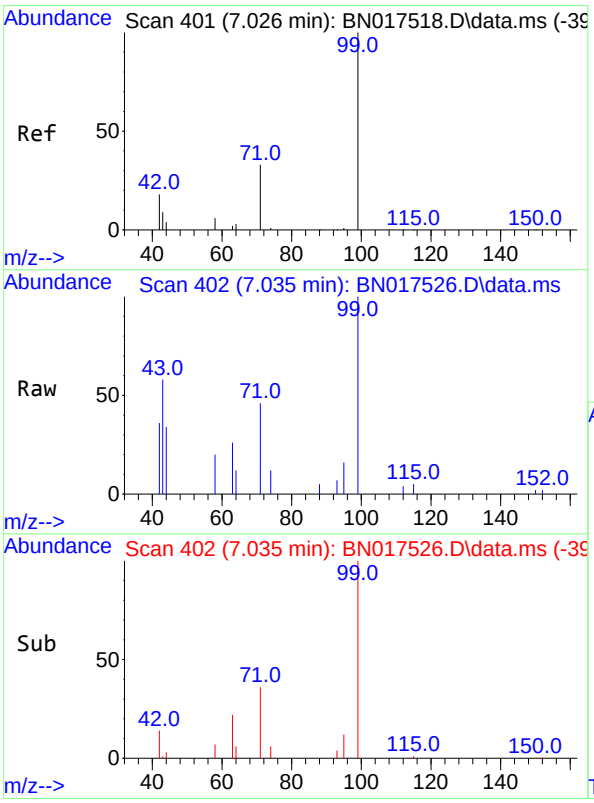
#4
2-Fluorophenol
Concen: 0.105 ng
RT: 5.458 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:112 Resp: 7961

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.6	71.4
63	29.5	24.6	37.0

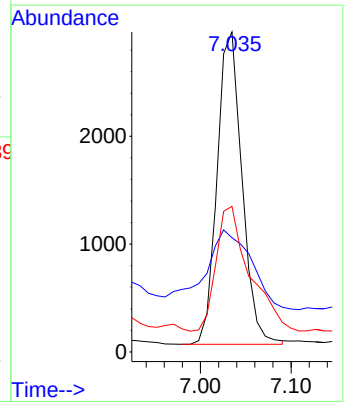


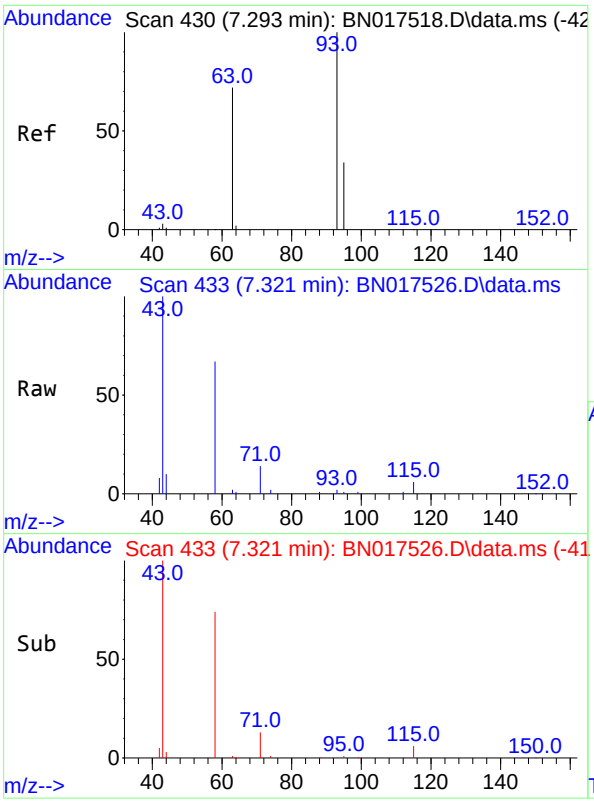


#5
Phenol-d6
Concen: 0.065 ng
RT: 7.035 min Scan# 402
Delta R.T. 0.009 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion: 99 Resp: 5520

Ion	Ratio	Lower	Upper
99	100		
42	45.5	17.0	25.6#
71	53.8	24.8	37.2#



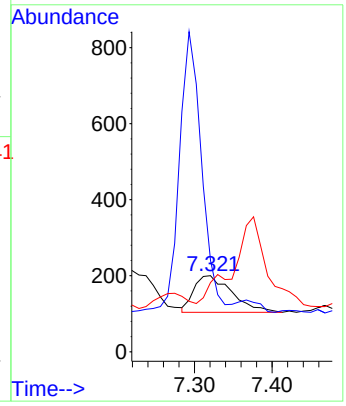


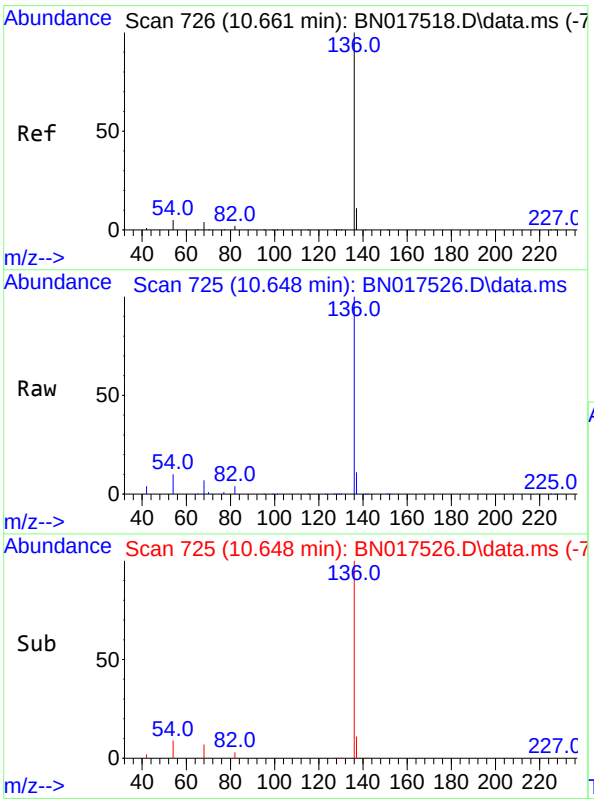
#6
bis(2-Chloroethyl)ether
Concen: 0.004 ng
RT: 7.321 min Scan# 4
Delta R.T. 0.028 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion: 93 Resp: 326

Ion	Ratio	Lower	Upper
93	100		
63	0.0	65.8	98.6#
95	0.0	26.6	39.8#

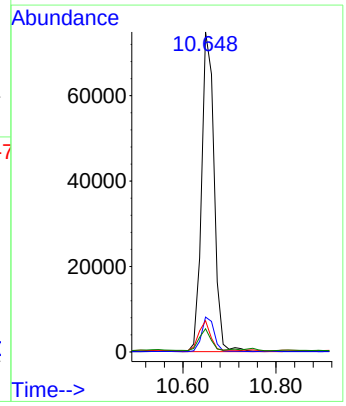


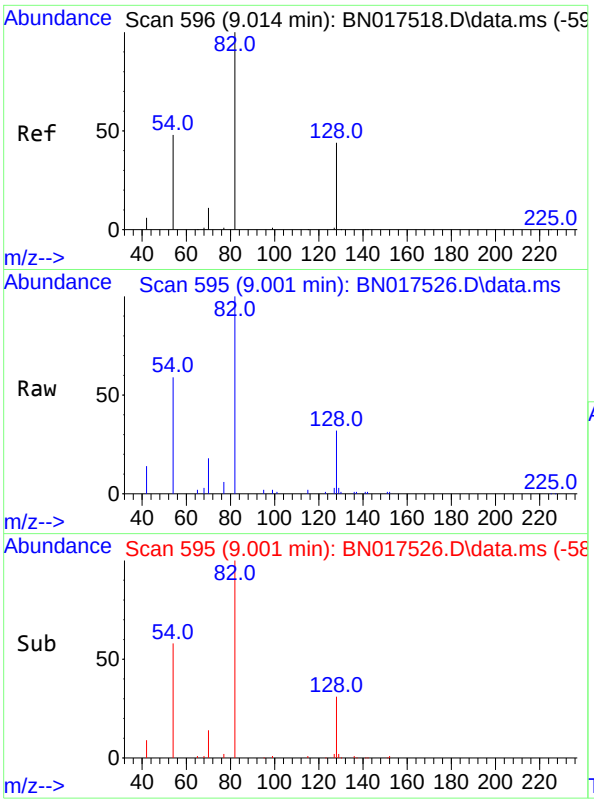


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.648 min Scan# 725
Delta R.T. -0.013 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:136 Resp: 140139

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.7	4.0	6.0#
68	7.2	3.0	4.6#



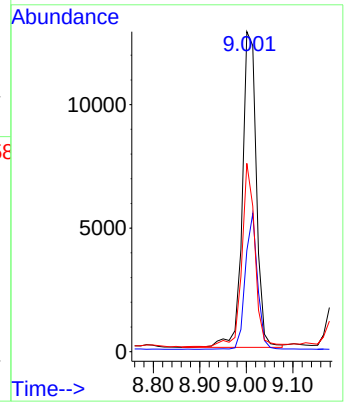


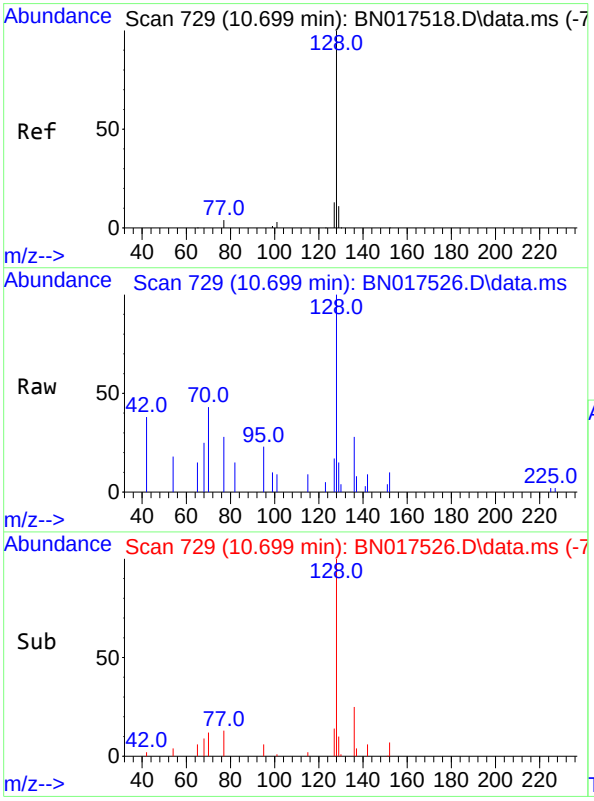
#8
Nitrobenzene-d5
Concen: 0.291 ng
RT: 9.001 min Scan# 5
Delta R.T. -0.013 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion: 82 Resp: 26855

Ion	Ratio	Lower	Upper
82	100		
128	31.6	27.7	41.5
54	58.8	49.2	73.8

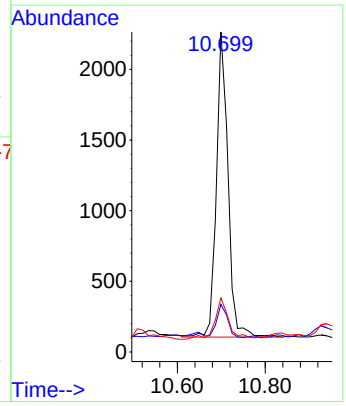


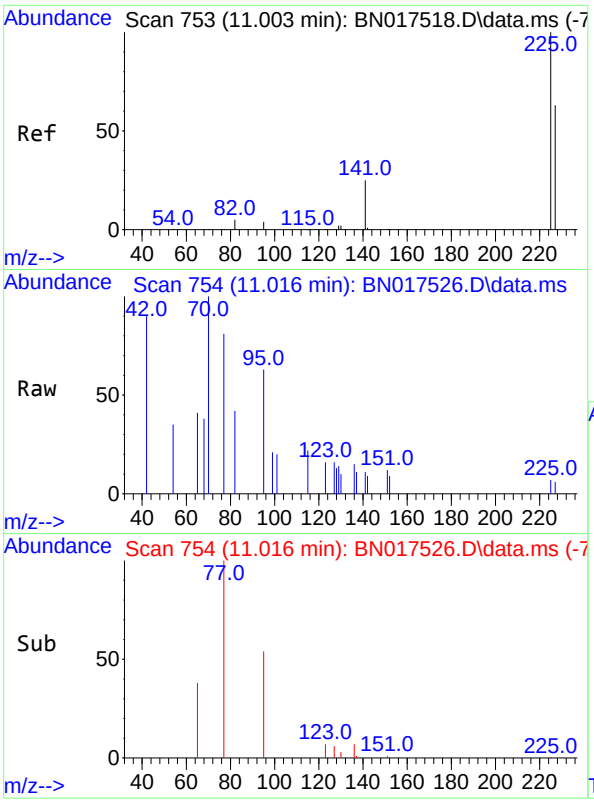


#9
Naphthalene
Concen: 0.011 ng
RT: 10.699 min Scan# 729
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:128 Resp: 3958

Ion	Ratio	Lower	Upper
128	100		
129	14.8	8.8	13.2#
127	16.9	10.6	15.8#



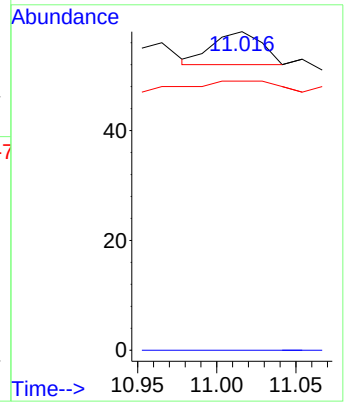


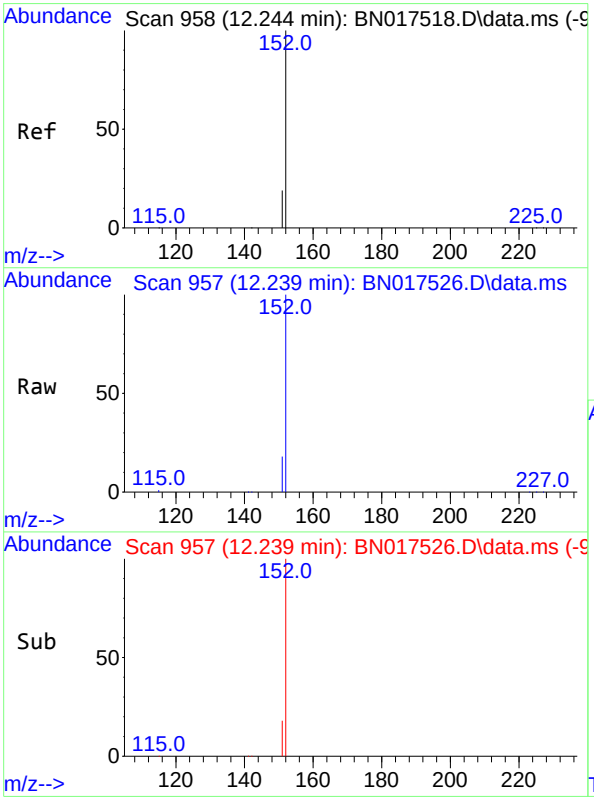
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 11.016 min Scan# 7
Delta R.T. 0.013 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:225 Resp: 13

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	61.5	51.1	76.7

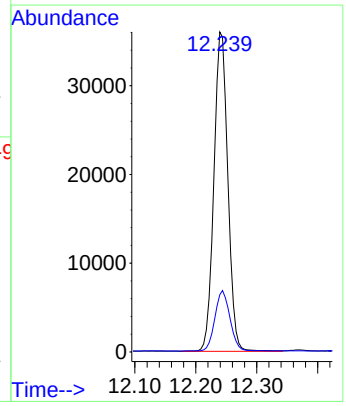


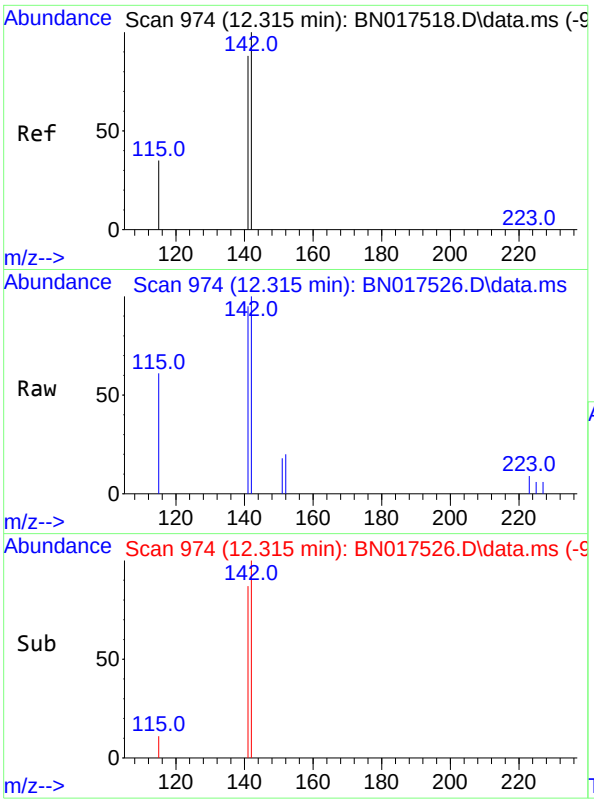


#11
2-Methylnaphthalene-d10
Concen: 0.244 ng
RT: 12.239 min Scan# 957
Delta R.T. -0.005 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:152 Resp: 57071

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



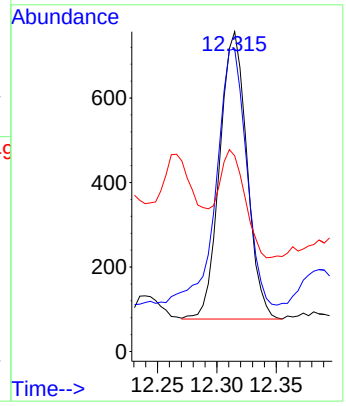


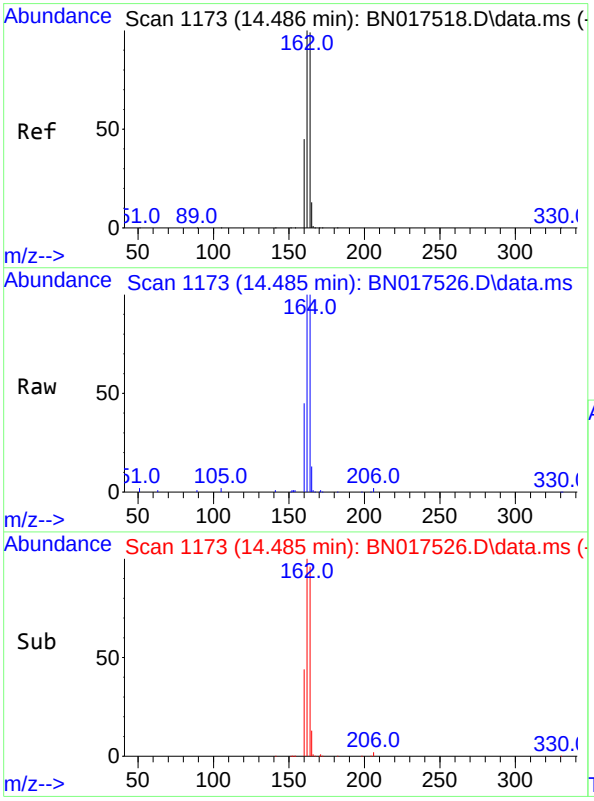
#12
2-Methylnaphthalene
Concen: 0.005 ng
RT: 12.315 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:142 Resp: 1083

Ion	Ratio	Lower	Upper
142	100		
141	94.6	70.6	106.0
115	61.2	25.8	38.6#

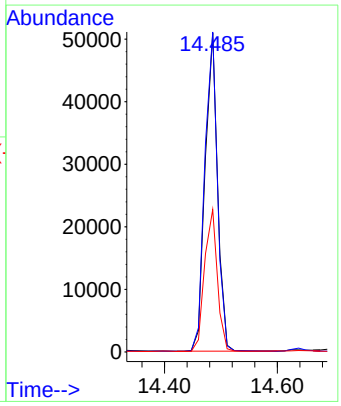


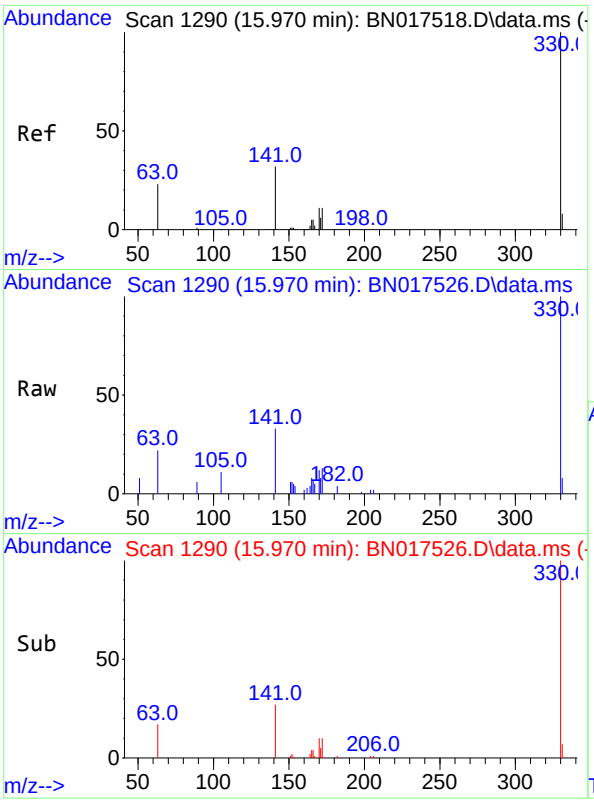


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 1173
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:164 Resp: 77743

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.4	122.2
160	44.7	36.8	55.2



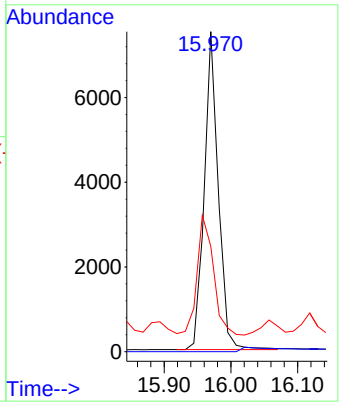


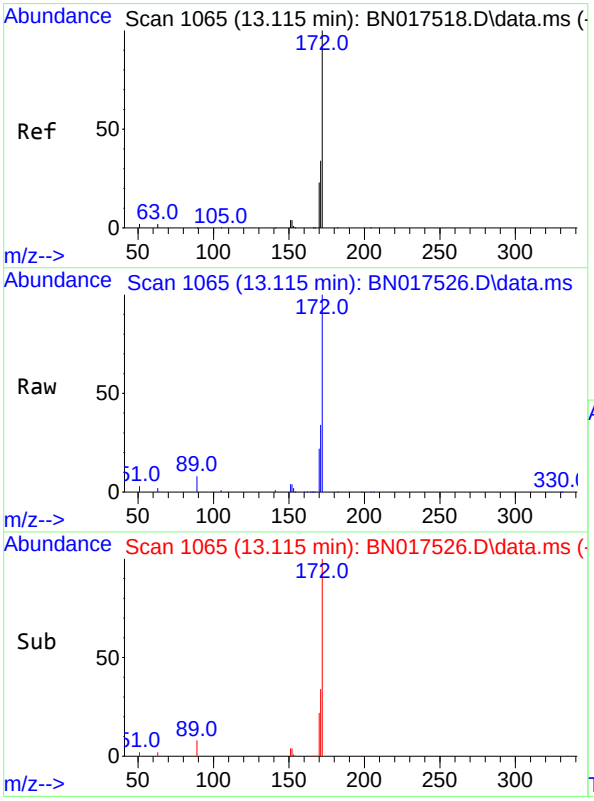
#14
2,4,6-Tribromophenol
Concen: 0.452 ng
RT: 15.970 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:330 Resp: 10801

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	44.3	28.9	43.3#

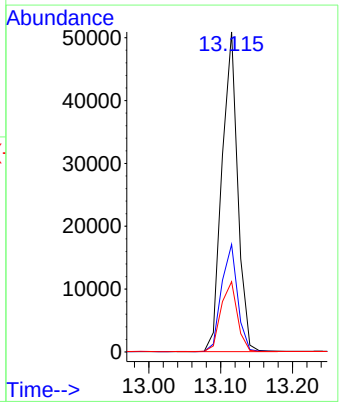


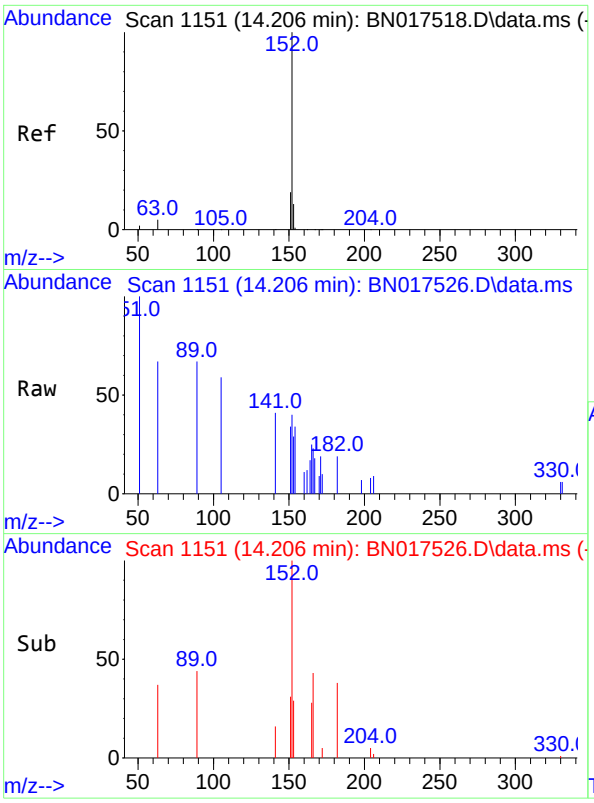


#15
2-Fluorobiphenyl
Concen: 0.267 ng
RT: 13.115 min Scan# 1065
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:172 Resp: 77171

Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.7	43.1
170	21.9	19.4	29.2



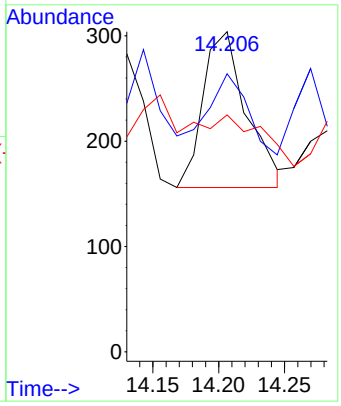


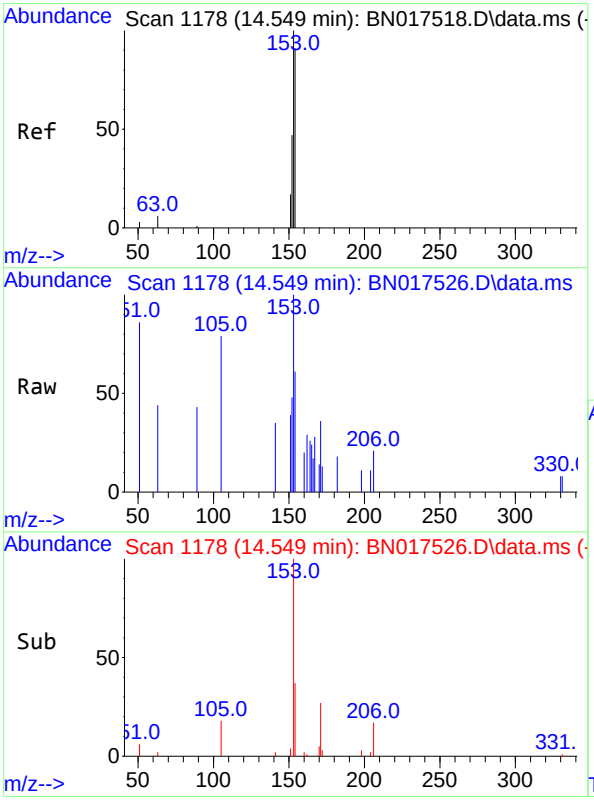
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:152 Resp: 340

Ion	Ratio	Lower	Upper
152	100		
151	48.5	15.5	23.3#
153	0.0	10.4	15.6#

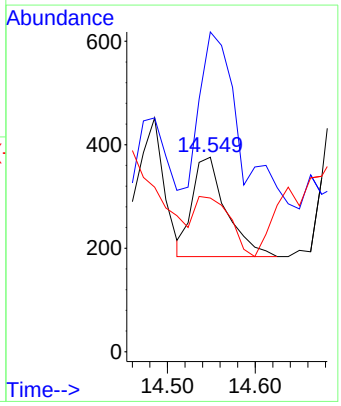


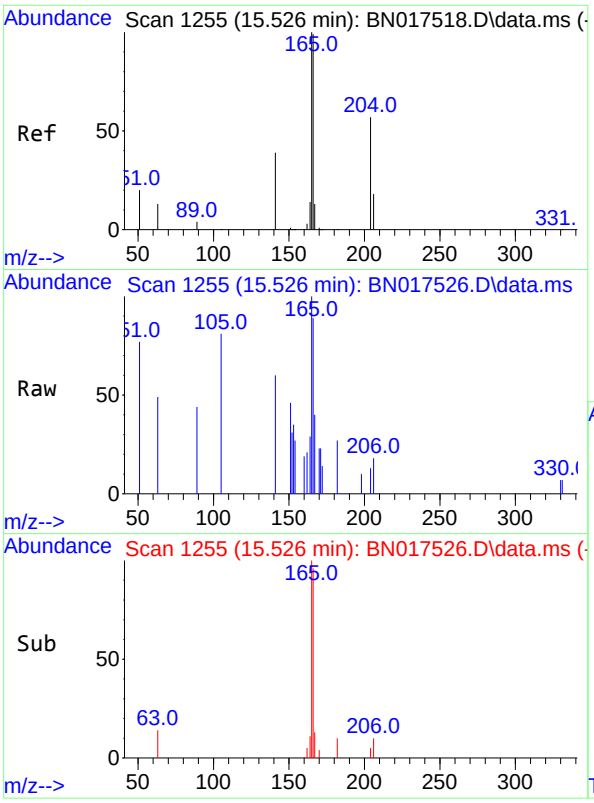


#17
Acenaphthene
Concen: 0.002 ng
RT: 14.549 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:154 Resp: 515

Ion	Ratio	Lower	Upper
154	100		
153	208.3	91.2	136.8#
152	61.0	44.3	66.5



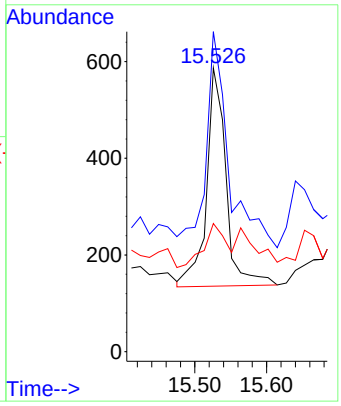


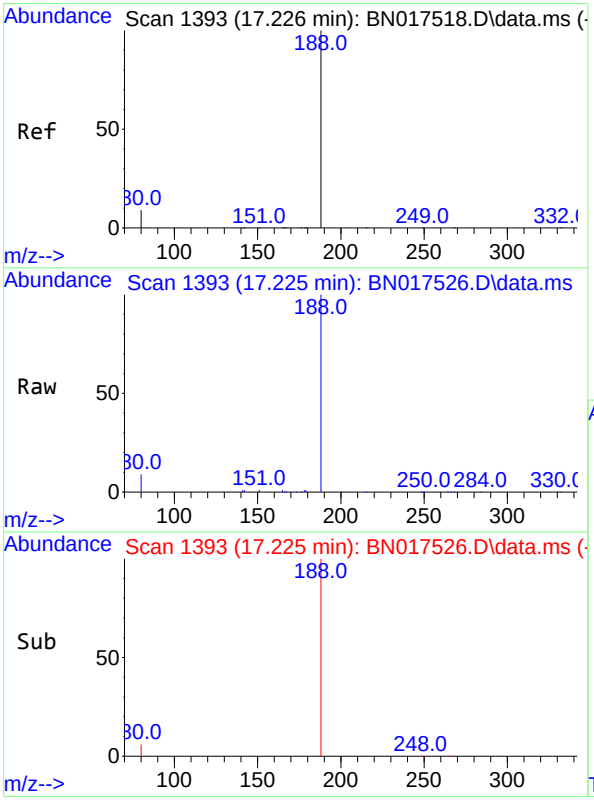
#18
Fluorene
Concen: 0.003 ng
RT: 15.526 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:166 Resp: 850

Ion	Ratio	Lower	Upper
166	100		
165	113.6	77.9	116.9
167	22.9	10.9	16.3#

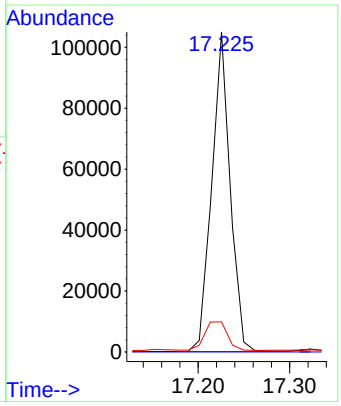


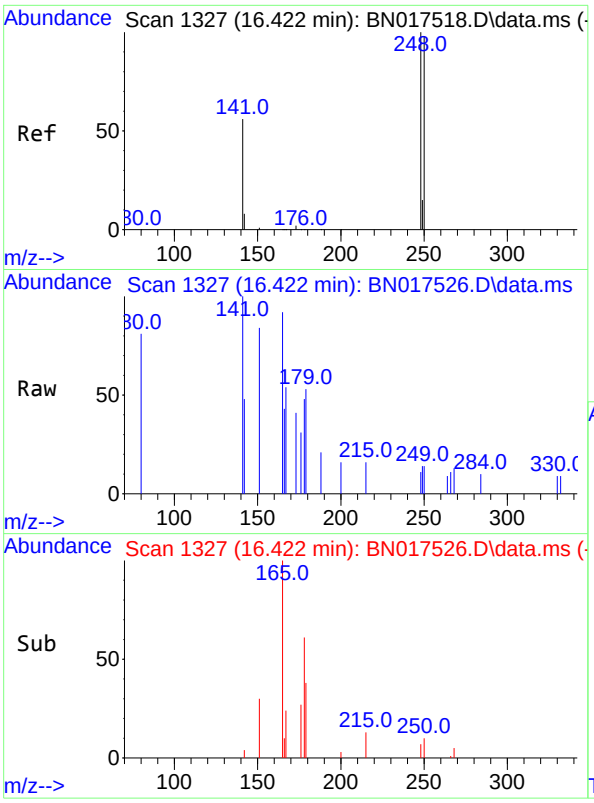


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.225 min Scan# 1393
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:188 Resp: 146594

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	6.1	9.1#



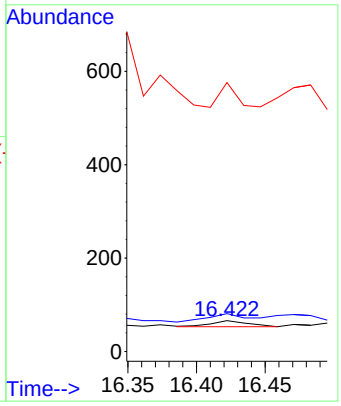


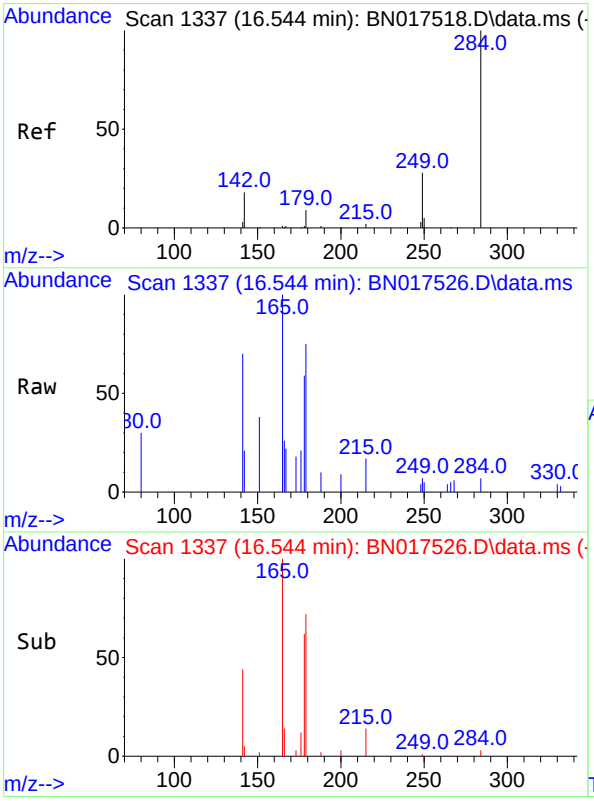
#21
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:248 Resp: 24

Ion	Ratio	Lower	Upper
248	100		
250	122.7	71.8	107.8#
141	872.7	70.9	106.3#

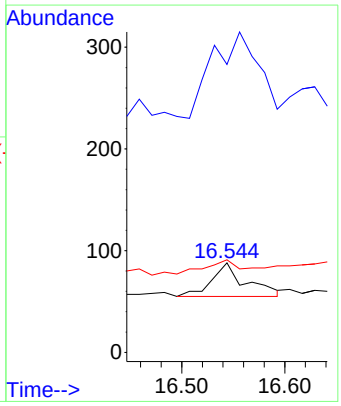


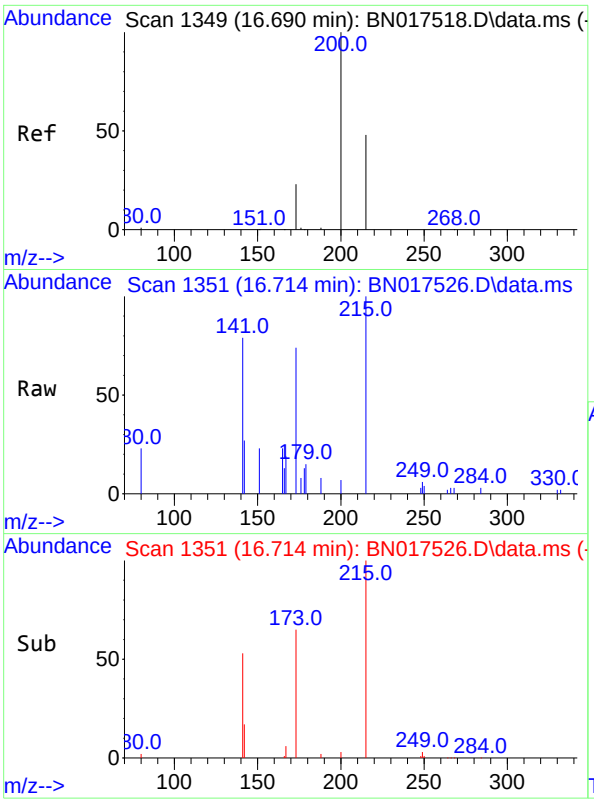


#22
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.544 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:284 Resp: 76

Ion	Ratio	Lower	Upper
284	100		
142	332.9	28.2	42.2#
249	42.1	24.4	36.6#



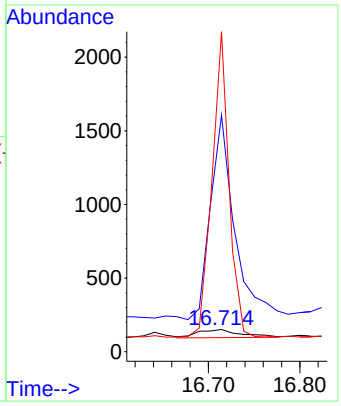


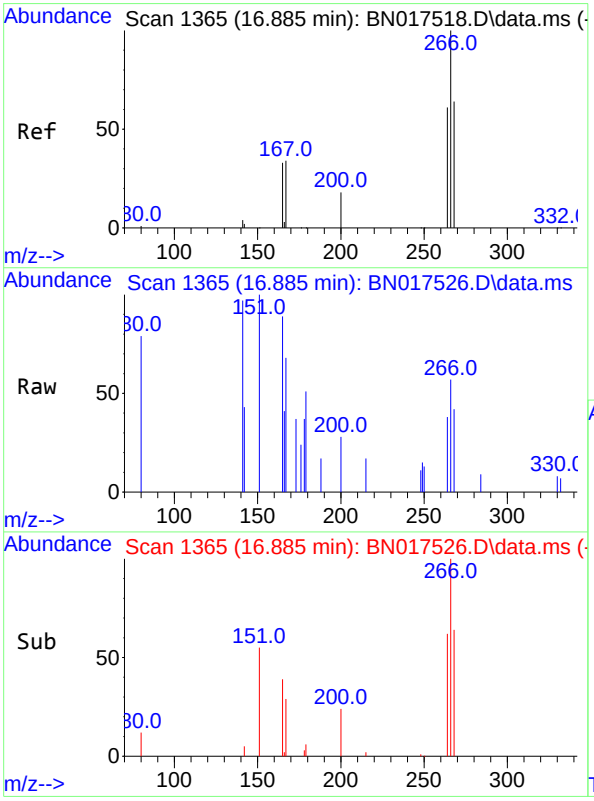
#23
Atrazine
Concen: 0.003 ng
RT: 16.714 min Scan# 1
Delta R.T. 0.024 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:200 Resp: 180

Ion	Ratio	Lower	Upper
200	100		
173	1064.2	17.6	26.4#
215	1439.1	40.2	60.4#

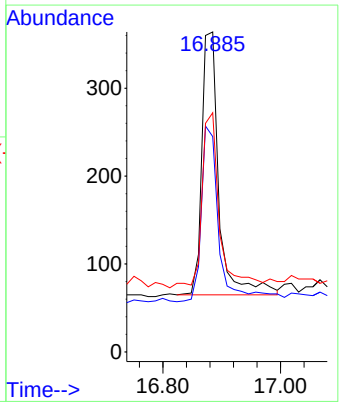


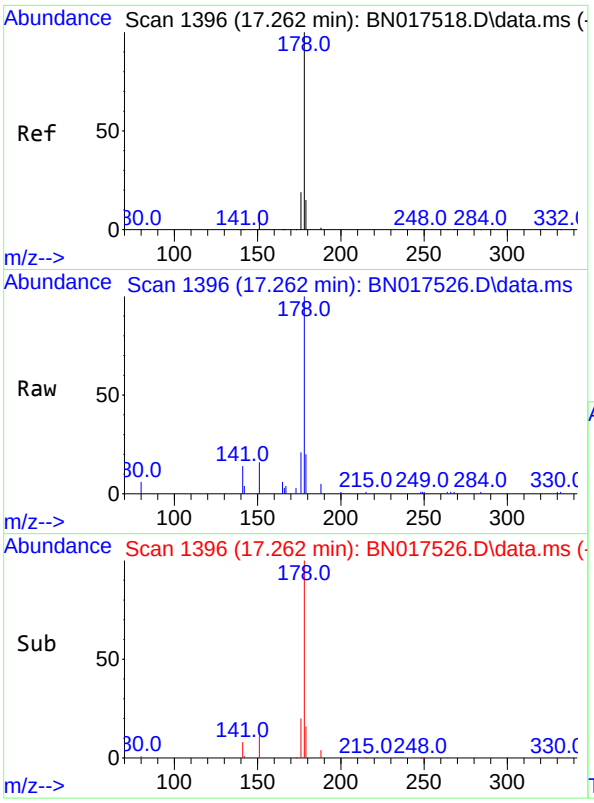


#24
Pentachlorophenol
Concen: 0.215 ng
RT: 16.885 min Scan# 1365
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:266 Resp: 600

Ion	Ratio	Lower	Upper
266	100		
264	71.0	49.8	74.8
268	68.2	51.3	76.9



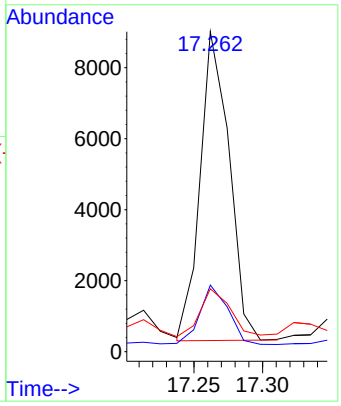


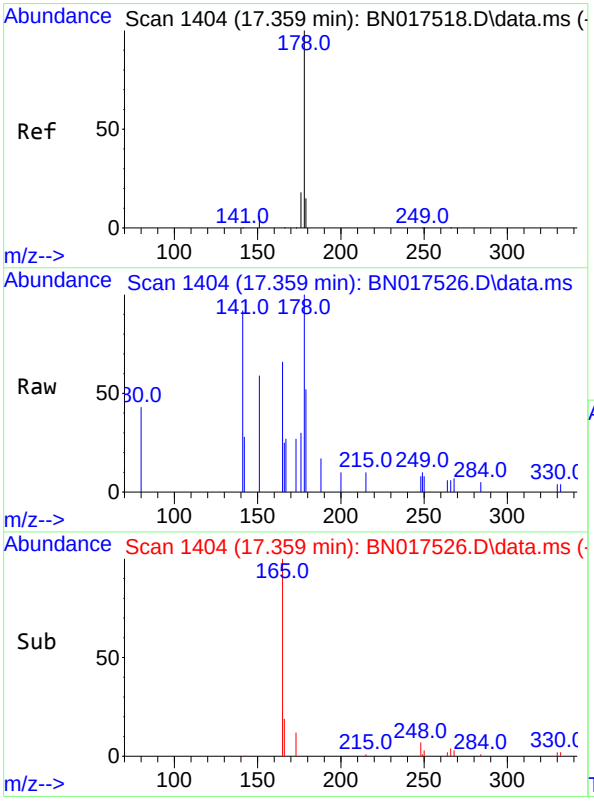
#25
Phenanthrene
Concen: 0.031 ng
RT: 17.262 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:178 Resp: 12791

Ion	Ratio	Lower	Upper
178	100		
176	23.7	15.0	22.6#
179	15.9	12.3	18.5

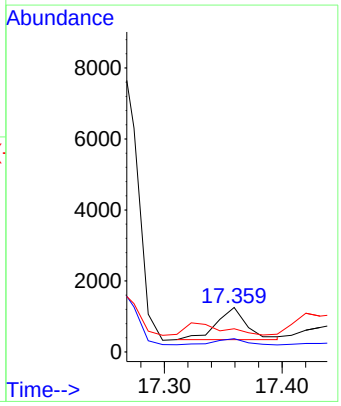


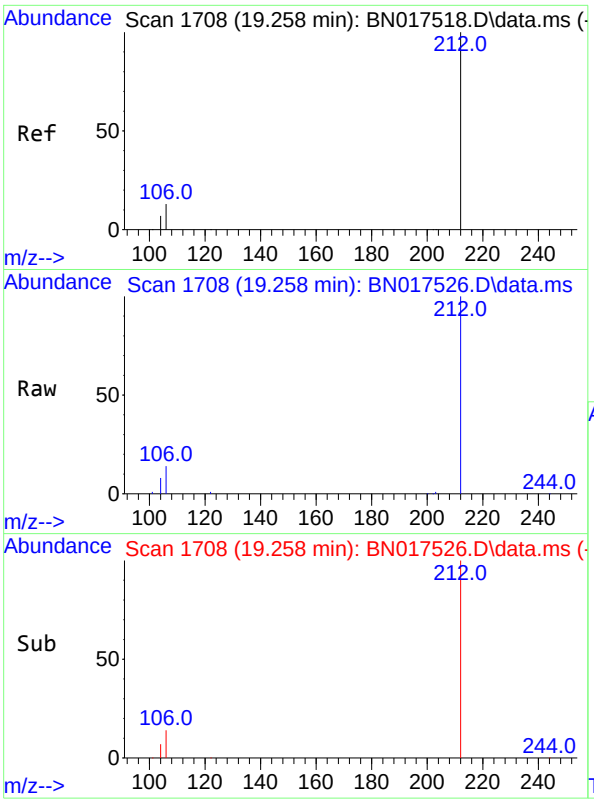


#26
Anthracene
Concen: 0.005 ng
RT: 17.359 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:178 Resp: 1619

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	0.0	12.2	18.4#



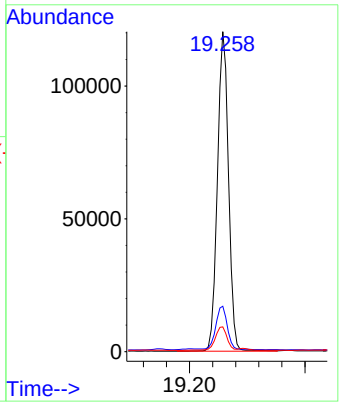


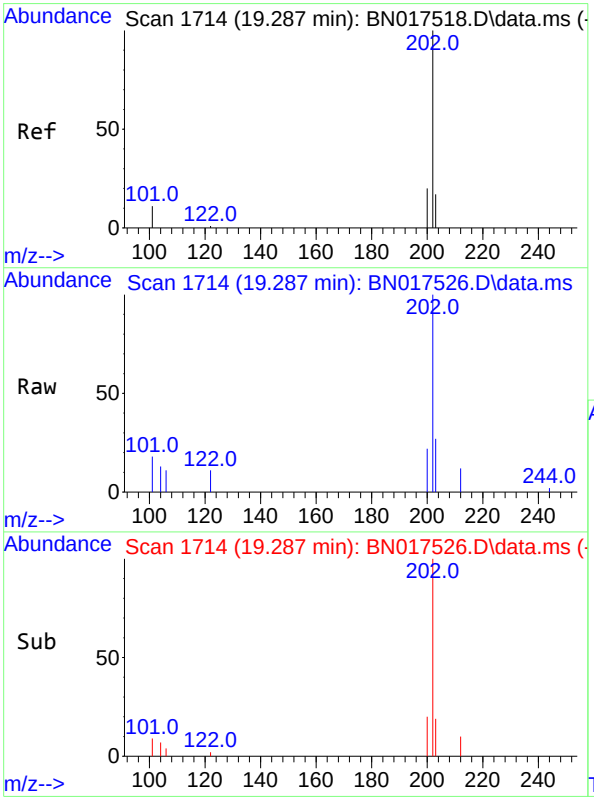
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.258 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:212 Resp: 160364

Ion	Ratio	Lower	Upper
212	100		
106	14.3	10.5	15.7
104	7.9	5.8	8.6

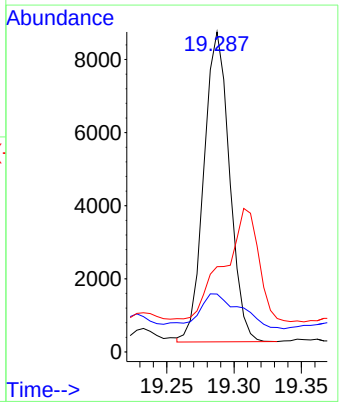


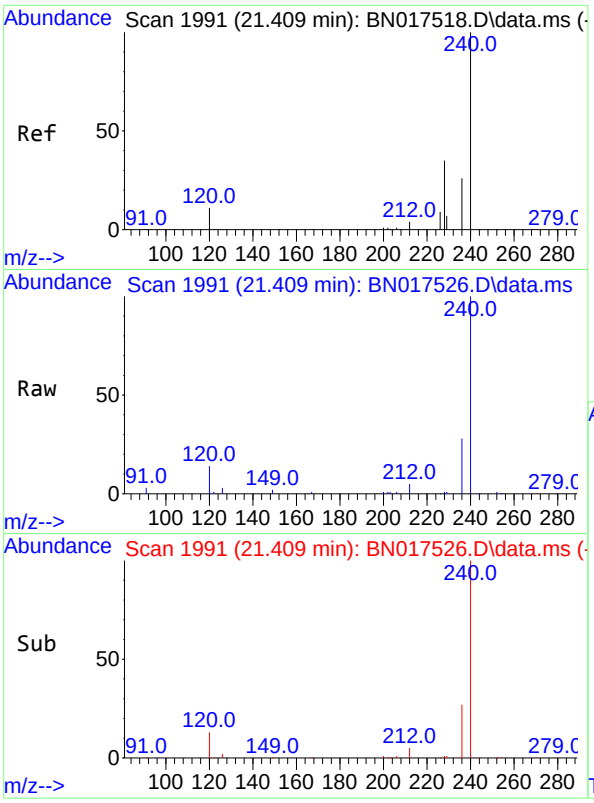


#28
Fluoranthene
Concen: 0.025 ng
RT: 19.287 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:202 Resp: 11229

Ion	Ratio	Lower	Upper
202	100		
101	17.6	8.9	13.3#
203	0.0	13.8	20.6#



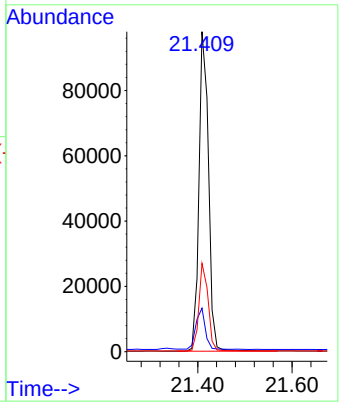


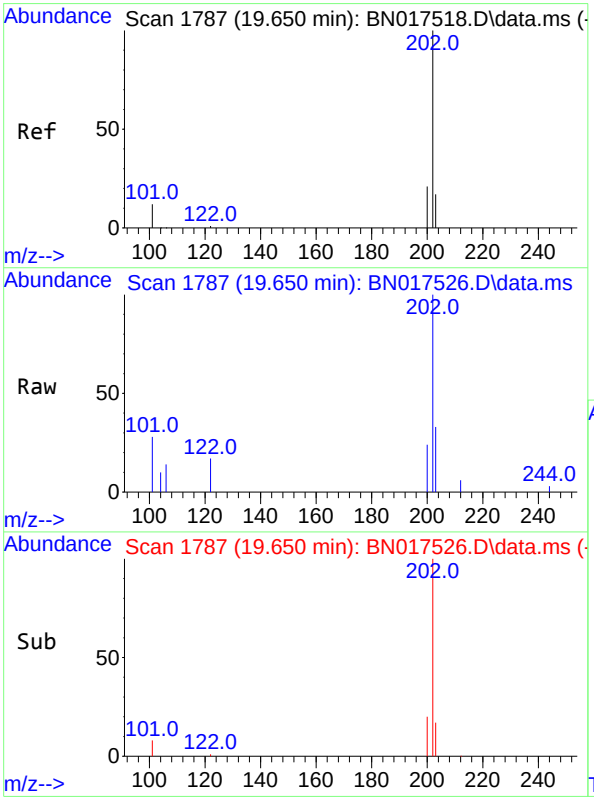
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.409 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:240 Resp: 137189

Ion	Ratio	Lower	Upper
240	100		
120	13.6	4.2	6.2#
236	27.6	20.0	30.0

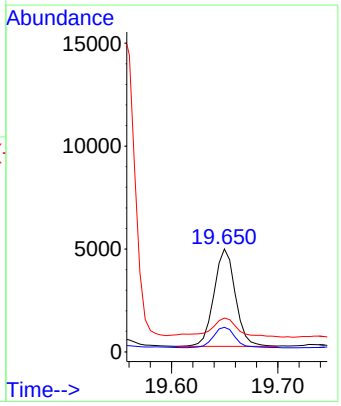


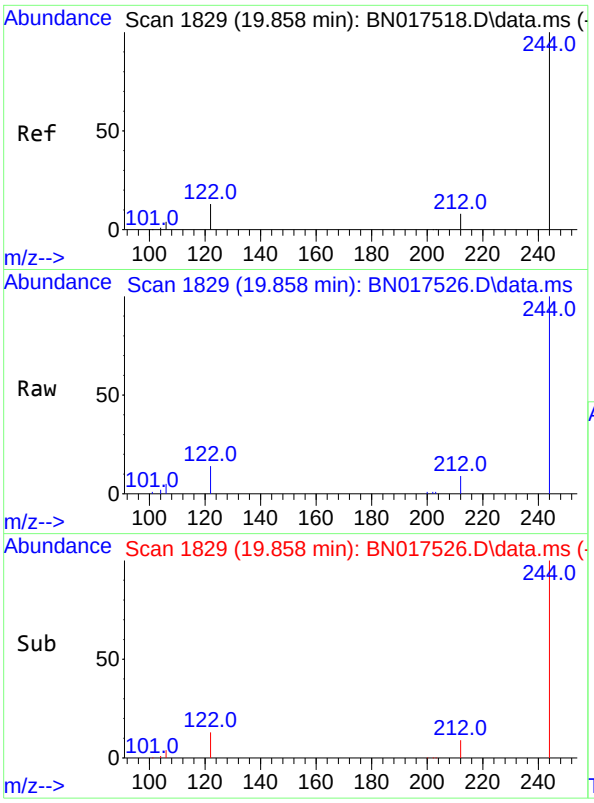


#30
Pyrene
Concen: 0.014 ng
RT: 19.650 min Scan# 1787
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:202 Resp: 6598

Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.5	24.7
203	26.9	14.0	21.0#



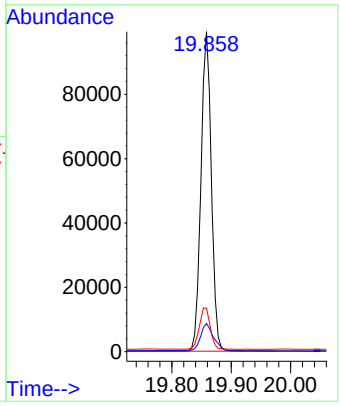


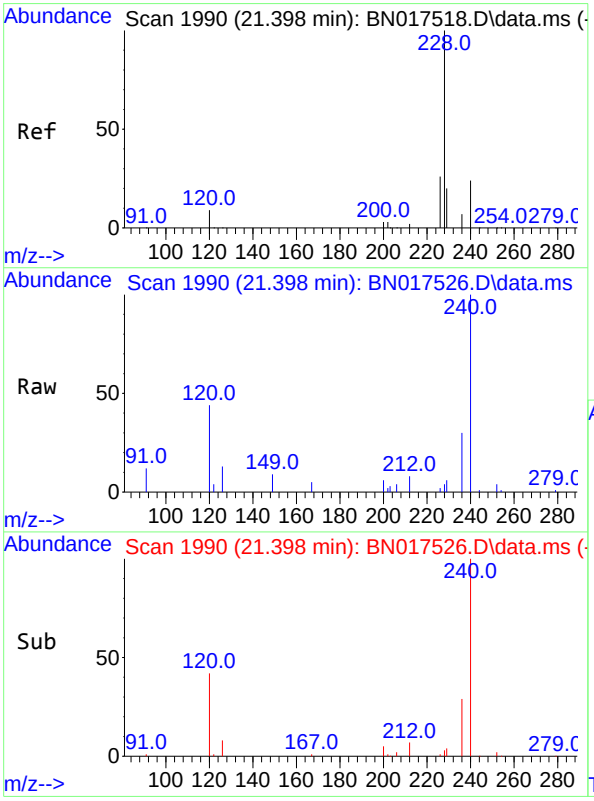
#31
Terphenyl-d14
Concen: 0.401 ng
RT: 19.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:244 Resp: 120767

Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.7	8.5#
122	13.6	8.6	13.0#

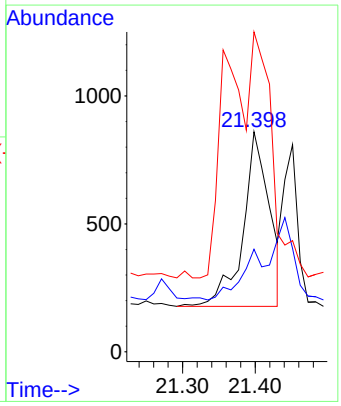


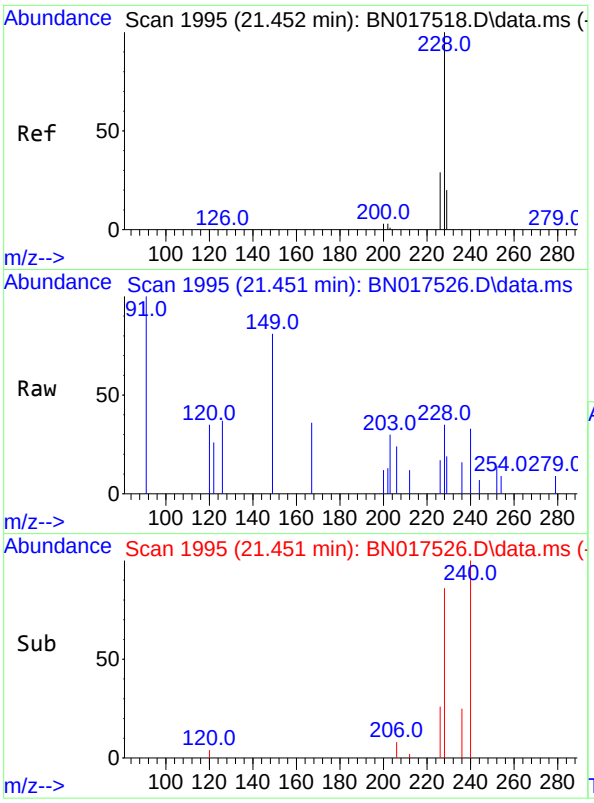


#32
Benzo(a)anthracene
Concen: 0.004 ng
RT: 21.398 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:228 Resp: 1716

Ion	Ratio	Lower	Upper
228	100		
226	46.6	21.3	31.9#
229	145.3	15.7	23.5#



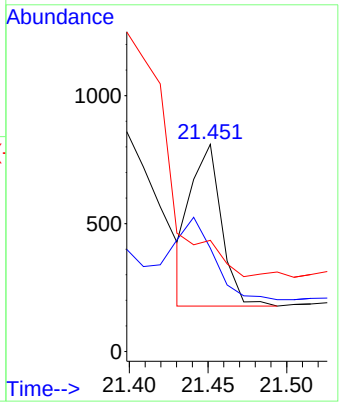


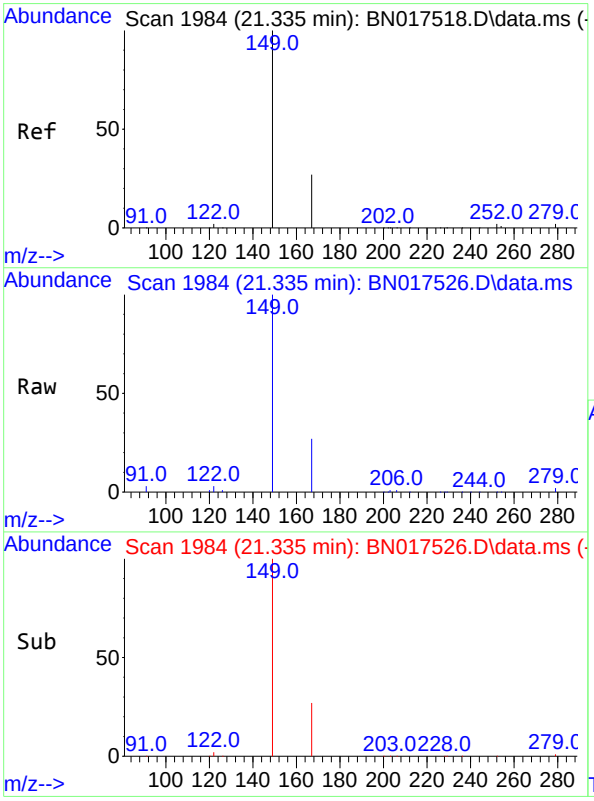
#33
Chrysene
Concen: 0.002 ng
RT: 21.451 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:228 Resp: 851

Ion	Ratio	Lower	Upper
228	100		
226	49.9	23.3	34.9#
229	53.7	15.6	23.4#

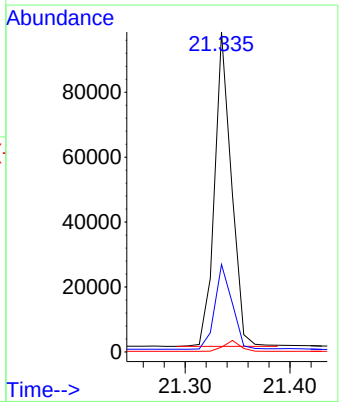


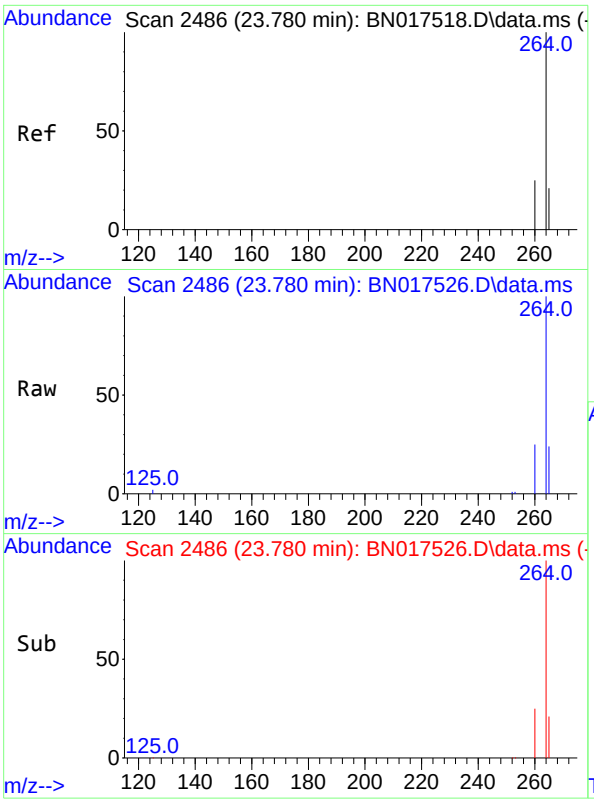


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.574 ng
RT: 21.335 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:149 Resp: 108079

Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.8	32.6
279	3.4	3.4	5.0



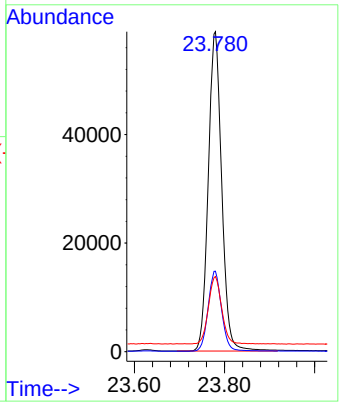


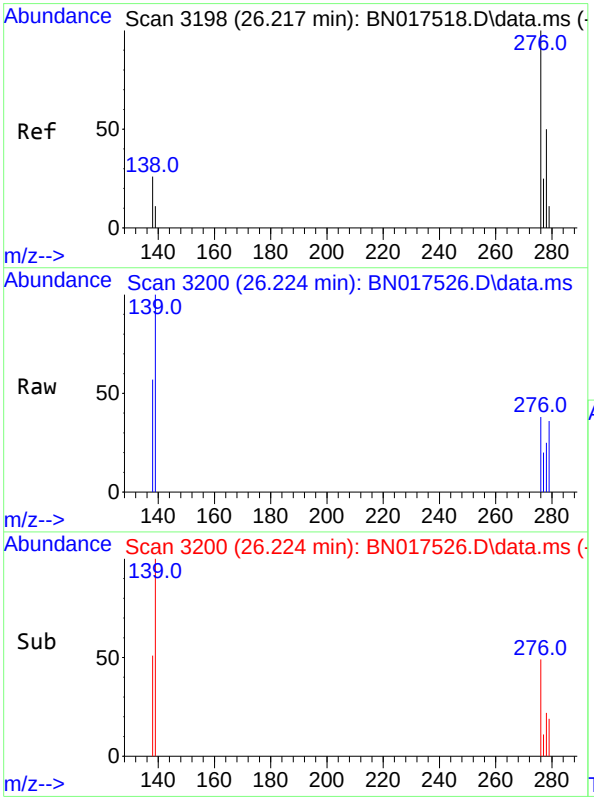
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.780 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:264 Resp: 121614

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	23.5	18.6	28.0

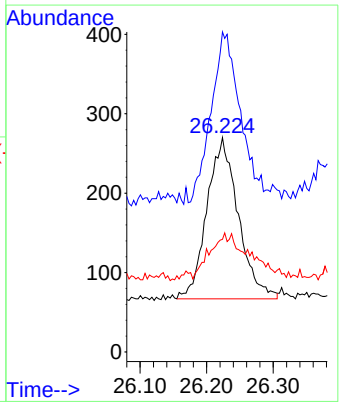


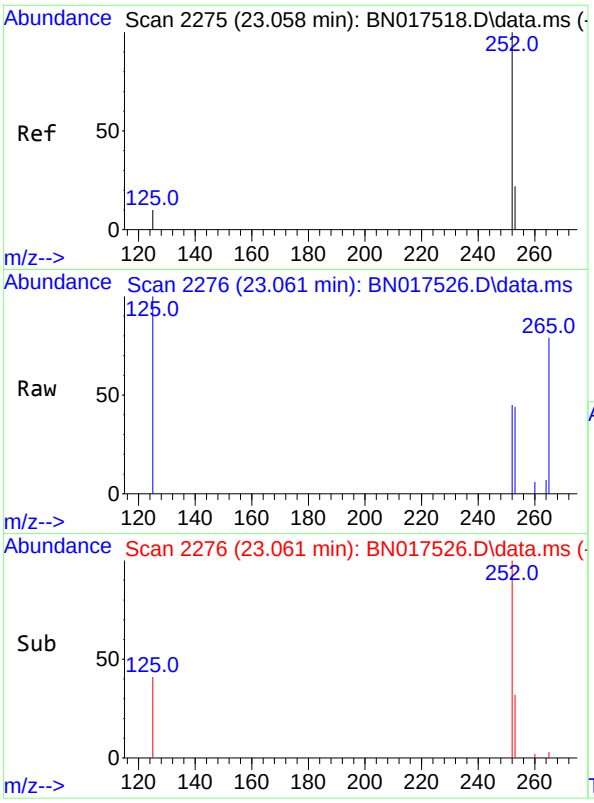


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.002 ng
RT: 26.224 min Scan# 3200
Delta R.T. 0.007 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:276 Resp: 664

Ion	Ratio	Lower	Upper
276	100		
138	99.2	19.7	29.5#
277	15.8	20.0	30.0#



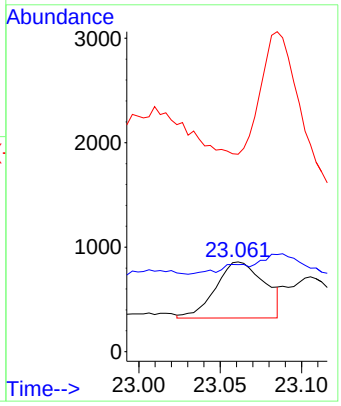


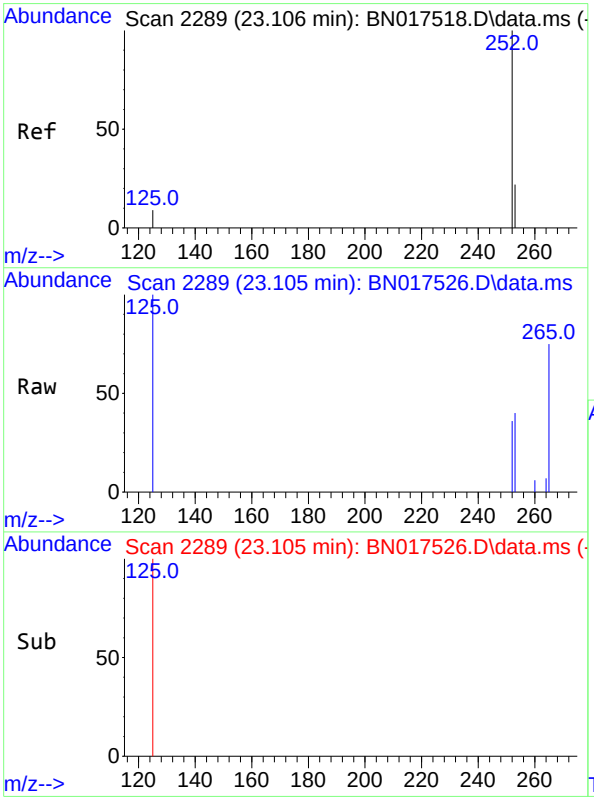
#37
Benzo(b)fluoranthene
Concen: 0.003 ng
RT: 23.061 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:252 Resp: 1129

Ion	Ratio	Lower	Upper
252	100		
253	97.0	17.7	26.5#
125	220.0	7.8	11.8#

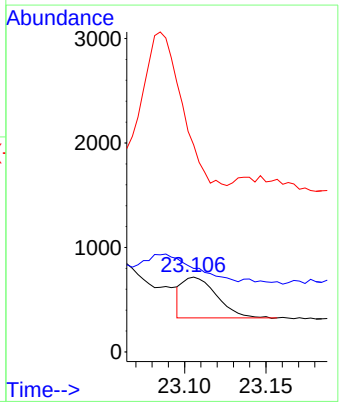


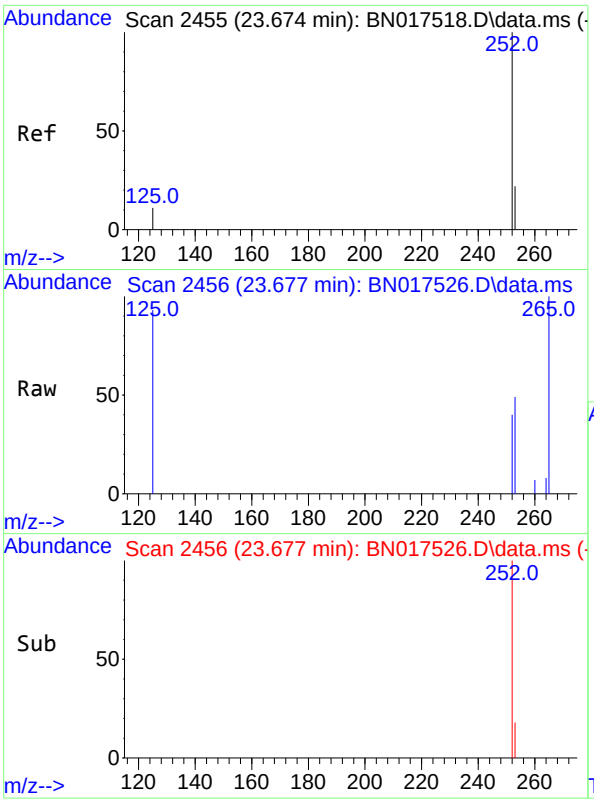


#38
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.105 min Scan# 2289
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:252 Resp: 573

Ion	Ratio	Lower	Upper
252	100		
253	111.4	17.7	26.5#
125	276.4	8.2	12.2#



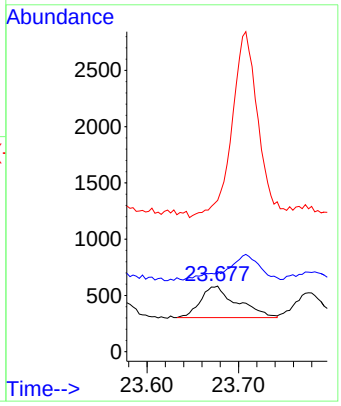


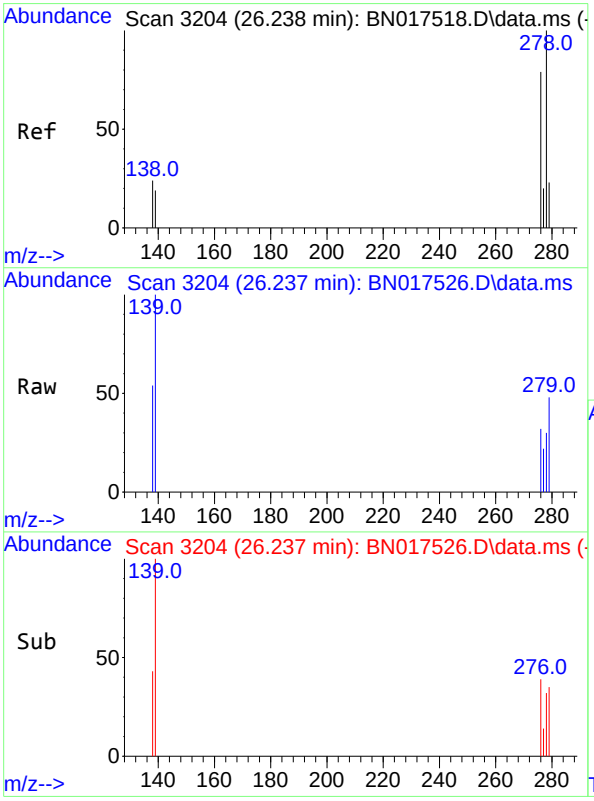
#39
Benzo(a)pyrene
Concen: 0.002 ng
RT: 23.677 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:252 Resp: 776

Ion	Ratio	Lower	Upper
252	100		
253	122.1	17.9	26.9#
125	230.3	9.2	13.8#

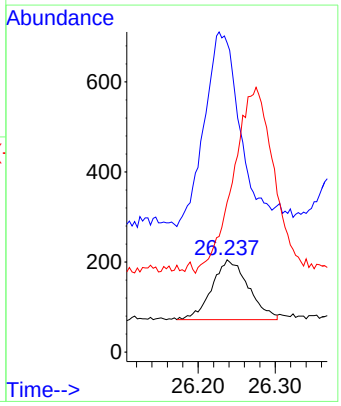


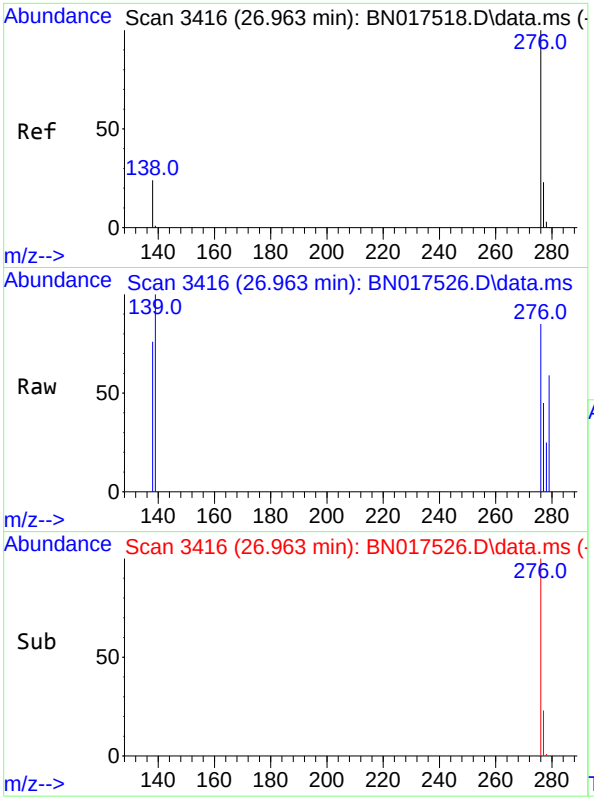


#40
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.237 min Scan# 3204
Delta R.T. -0.001 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Tgt Ion:278 Resp: 439

Ion	Ratio	Lower	Upper
278	100		
139	335.1	13.0	19.6#
279	162.4	19.2	28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.002 ng
RT: 26.963 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN017526.D
Acq: 19 Nov 2021 16:52

Instrument :
BNA_N
ClientSampleId :
GWBR3D-B-290-311-111721-FD

Tgt Ion:276 Resp: 631

Ion	Ratio	Lower	Upper
276	100		
277	53.4	19.0	28.4#
138	89.3	17.1	25.7#