Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017599.D
Acq On : 25 Nov 2021 02:52
Operator : CG/JU
Sample : M4831-06MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Quant Time: Nov 26 06:06:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 03:24:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	24843	0.400	ng	0.00
7) Naphthalene-d8	10.522	136	113055	0.400	ng	#-0.01
13) Acenaphthene-d10	14.372	164	63556	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	130485	0.400	ng	# 0.00
29) Chrysene-d12	21.303	240	113590	0.400	ng	#-0.01
35) Perylene-d12	23.619	264	77761	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.375	112	24211	0.370	ng	0.03
5) Phenol-d6	6.934	99	28136	0.381	ng	0.00
8) Nitrobenzene-d5	8.887	82	18400	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	68234	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.856	330	11106	0.339	ng	-0.01
15) 2-Fluorobiphenyl	13.001	172	86066	0.351	ng	0.00
27) Fluoranthene-d10	19.149	212	154718	0.352	ng	0.00
31) Terphenyl-d14	19.754	244	102655	0.386	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.642	42	9881	0.401	ng	# 54
6) bis(2-Chloroethyl)ether	7.173	93	30679	0.422	ng	99
9) Naphthalene	10.573	128	111561	0.393	ng	99
10) Hexachlorobutadiene	10.877	225	26690	0.374	ng	# 100
12) 2-Methylnaphthalene	12.191	142	75311	0.400	ng	98
16) Acenaphthylene	14.092	152	106590	0.397	ng	100
17) Acenaphthene	14.435	154	66567	0.386	ng	99
18) Fluorene	15.425	166	84966	0.391	ng	99
20) 4,6-Dinitro-2-methylph...	15.501	198	219	0.348	ng	95
21) 4-Bromophenyl-phenylether	16.313	248	33946	0.417	ng	# 90
22) Hexachlorobenzene	16.435	284	34971	0.372	ng	99
23) Atrazine	16.581	200	19447	0.455	ng	# 95
24) Pentachlorophenol	16.775	266	15205	0.483	ng	99
25) Phenanthrene	17.153	178	140727	0.397	ng	99
26) Anthracene	17.250	178	135564	0.417	ng	100
28) Fluoranthene	19.178	202	169052	0.395	ng	99
30) Pyrene	19.541	202	171663	0.421	ng	100
32) Benzo(a)anthracene	21.292	228	148044	0.392	ng	97
33) Chrysene	21.346	228	148915	0.401	ng	99
34) Bis(2-ethylhexyl)phtha...	21.239	149	125478	1.207	ng	100
36) Indeno(1,2,3-cd)pyrene	25.988	276	66727	0.402	ng	95
37) Benzo(b)fluoranthene	22.918	252	121201	0.403	ng	99
38) Benzo(k)fluoranthene	22.965	252	117816	0.414	ng	98
39) Benzo(a)pyrene	23.513	252	98974	0.413	ng	100
40) Dibenzo(a,h)anthracene	26.008	278	55619	0.398	ng	98
41) Benzo(g,h,i)perylene	26.714	276	50128	0.405	ng	99

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

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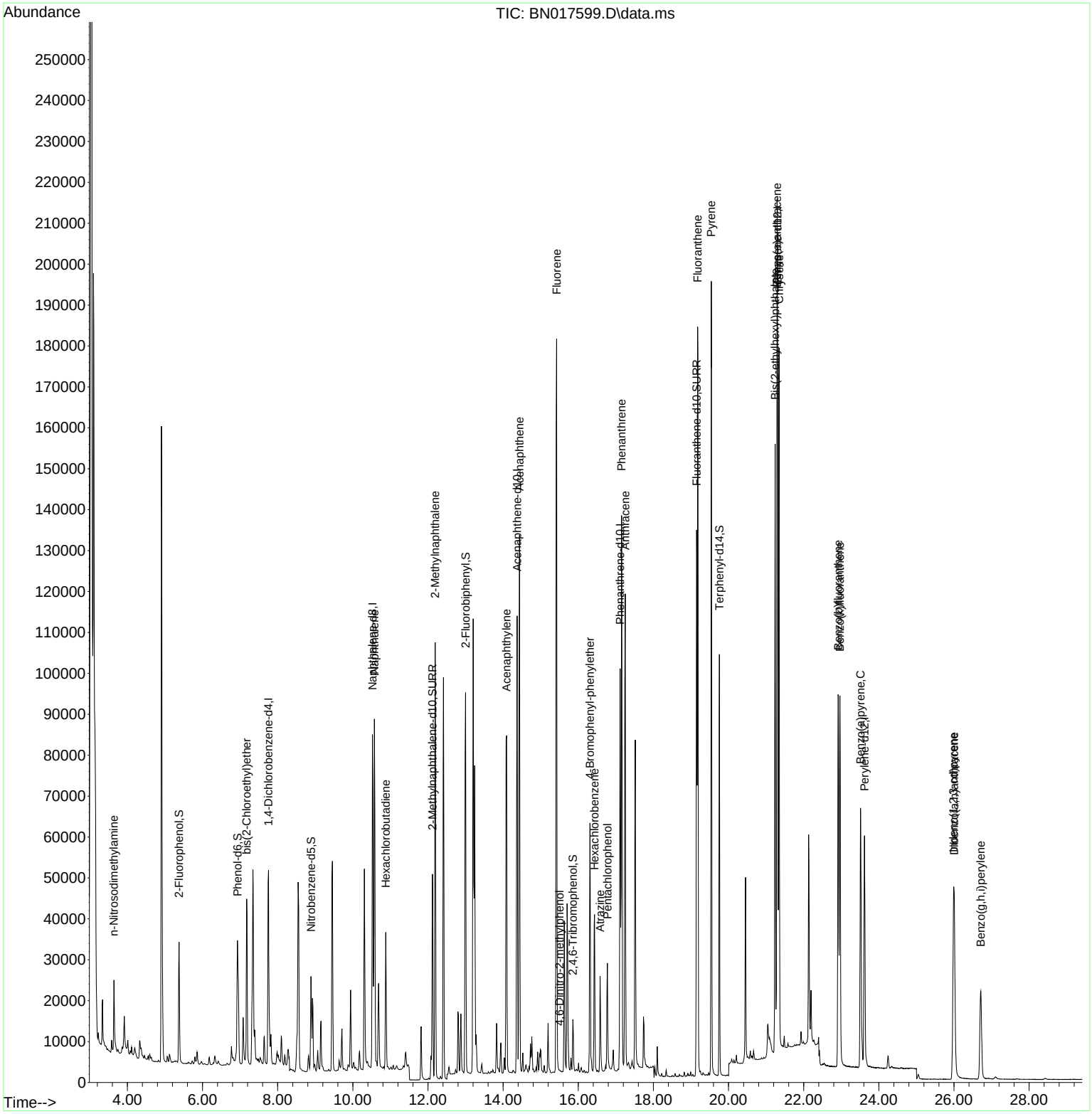
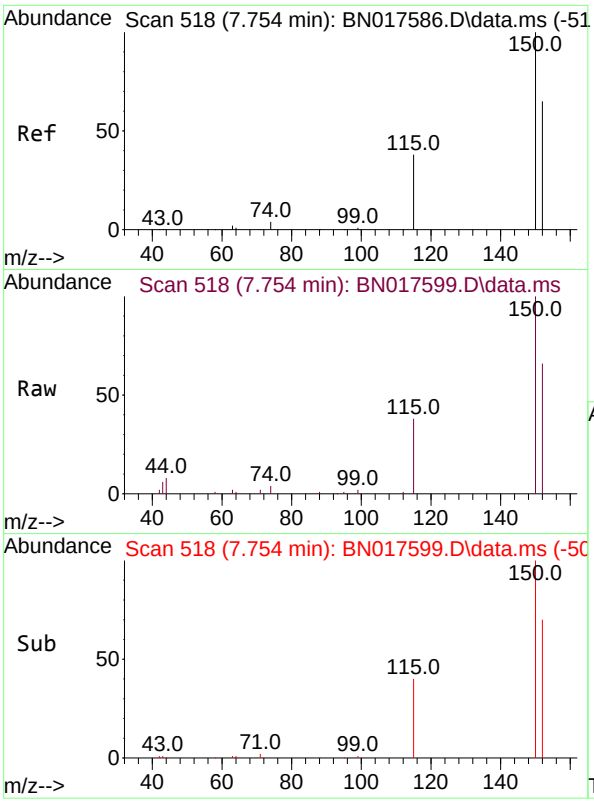
BP-VPB-RW9-GW-858-860MS

Quant Time: Nov 26 06:06:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 25 03:24:52 2021
Response via : Initial Calibration



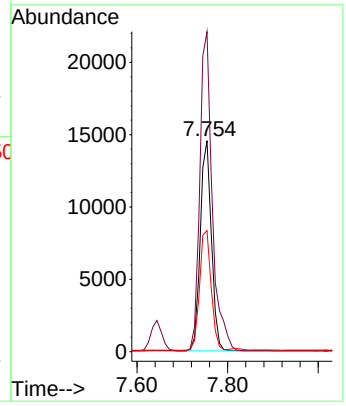


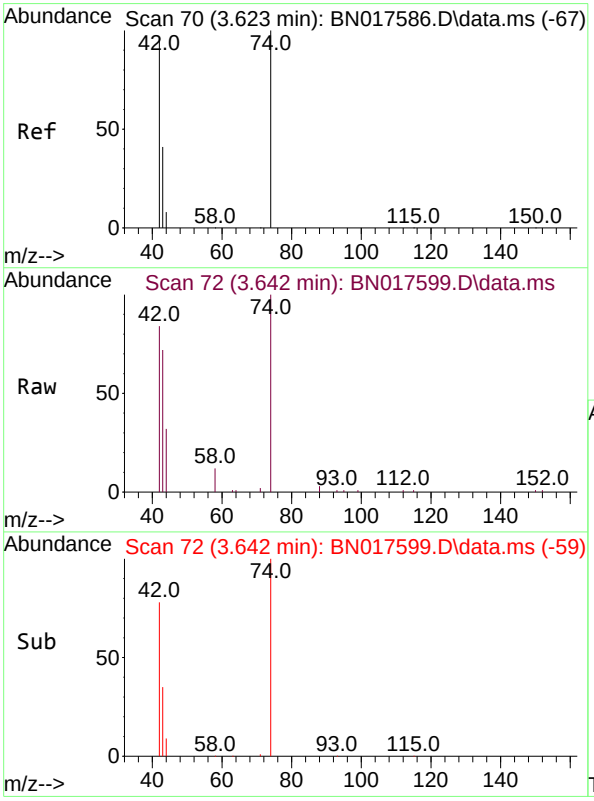
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.754 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:152 Resp: 24843

Ion	Ratio	Lower	Upper
152	100		
150	151.7	122.5	183.7
115	57.4	47.0	70.4

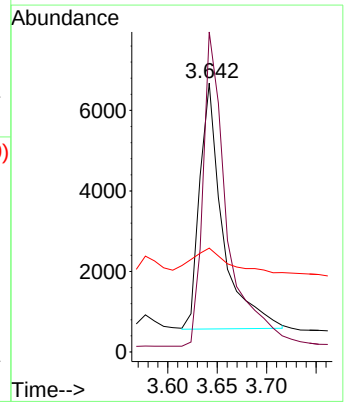


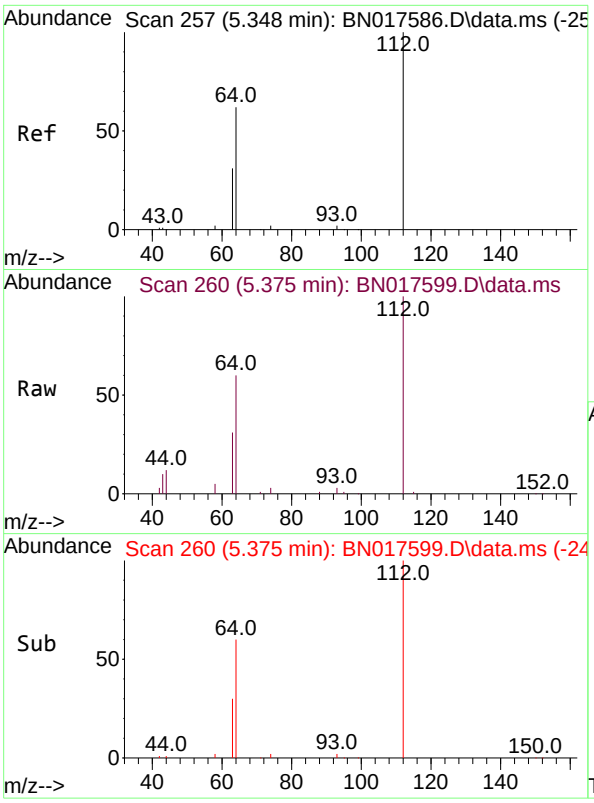


#3
n-Nitrosodimethylamine
Concen: 0.401 ng
RT: 3.642 min Scan# 72
Delta R.T. 0.018 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion: 42 Resp: 9881

Ion	Ratio	Lower	Upper
42	100		
74	133.8	72.1	108.1#
44	16.0	2.6	4.0#



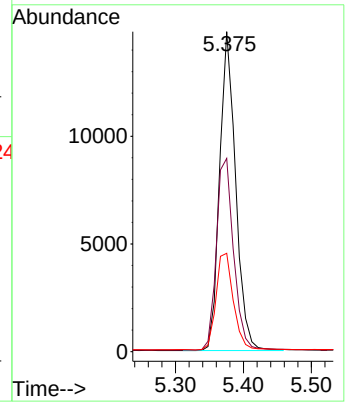


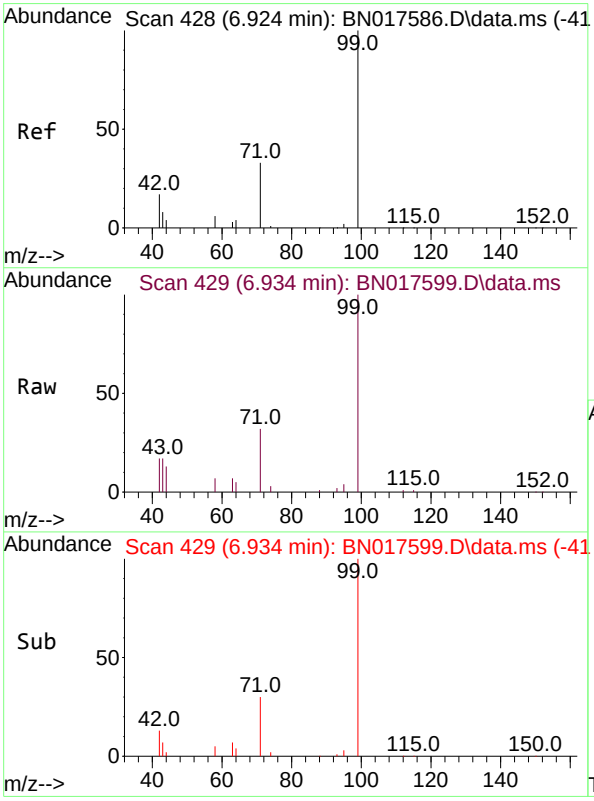
#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.375 min Scan# 2
Delta R.T. 0.028 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:112 Resp: 24211

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.5	77.3
63	33.0	26.6	39.8

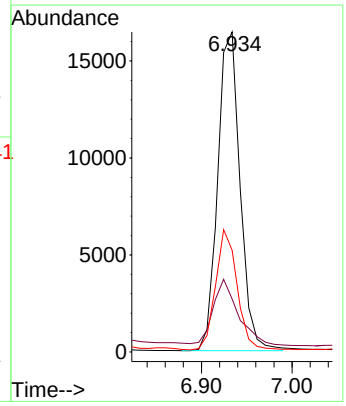


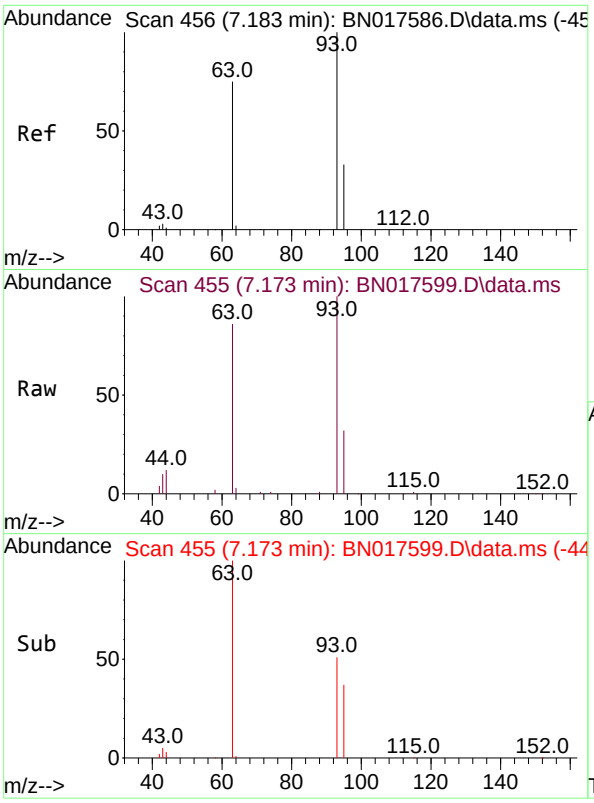


#5
Phenol-d6
Concen: 0.381 ng
RT: 6.934 min Scan# 429
Delta R.T. 0.009 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion: 99 Resp: 28136

Ion	Ratio	Lower	Upper
99	100		
42	23.0	16.2	24.2
71	36.2	27.6	41.4



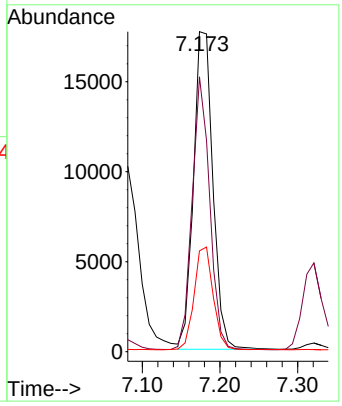


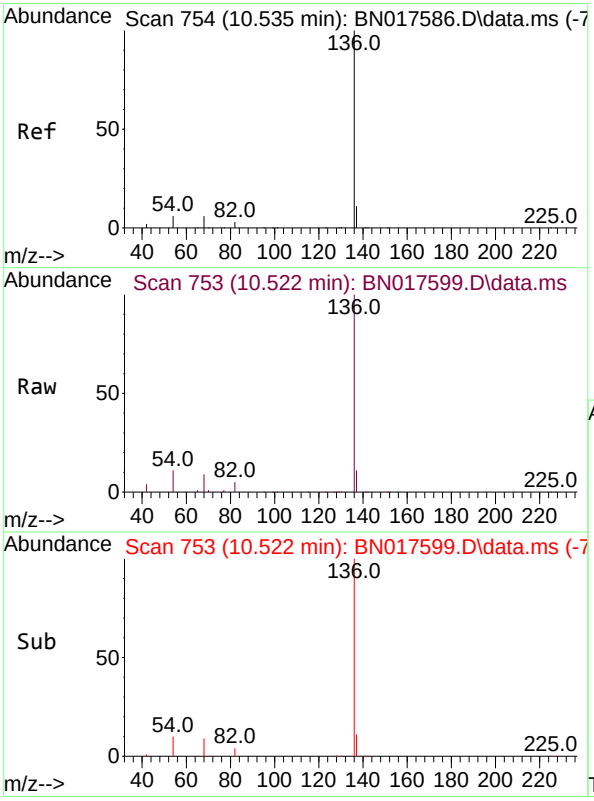
#6
bis(2-Chloroethyl)ether
Concen: 0.422 ng
RT: 7.173 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion: 93 Resp: 30679

Ion	Ratio	Lower	Upper
93	100		
63	78.0	63.0	94.6
95	31.8	25.6	38.4

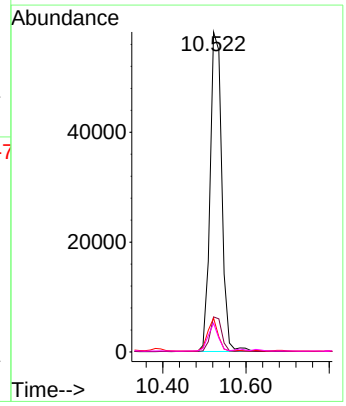


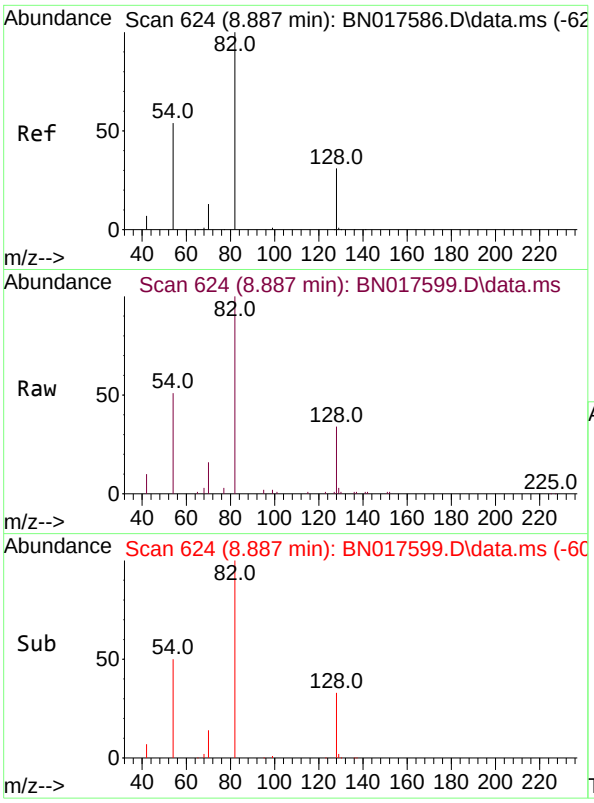


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.522 min Scan# 753
Delta R.T. -0.013 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:136 Resp: 113055

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.6	5.2	7.8#
68	9.0	4.6	6.8#



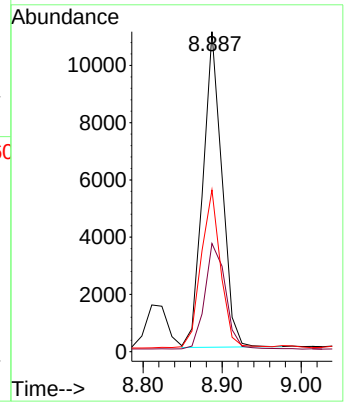


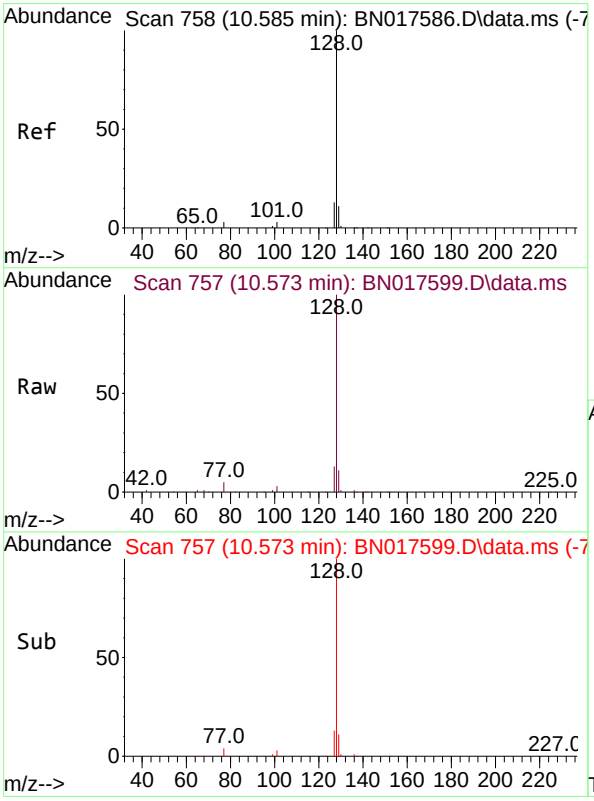
#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.887 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion: 82 Resp: 18400

Ion	Ratio	Lower	Upper
82	100		
128	33.8	25.3	37.9
54	50.6	43.7	65.5

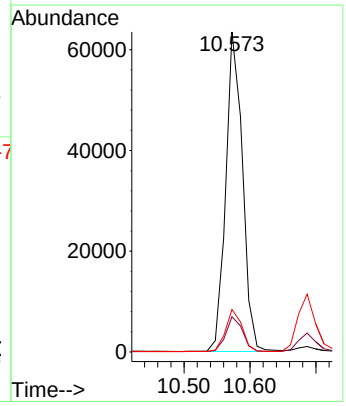


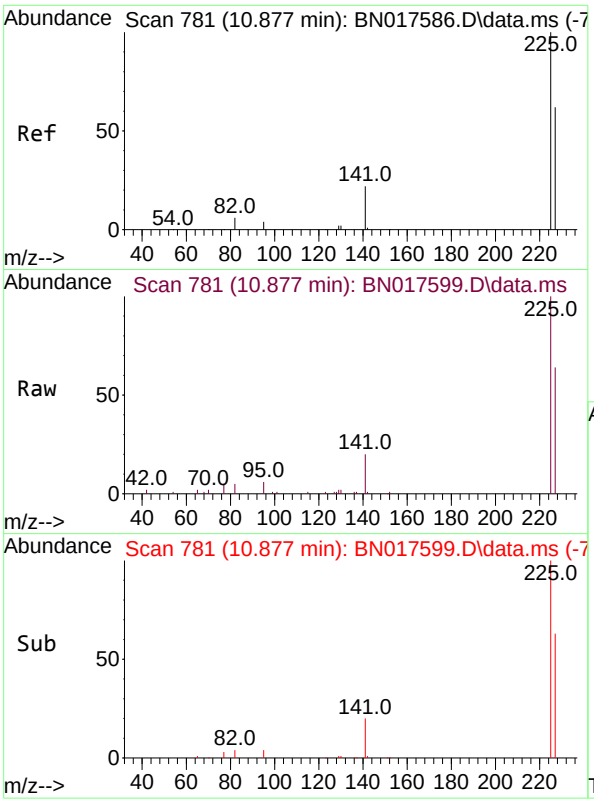


#9
Naphthalene
Concen: 0.393 ng
RT: 10.573 min Scan# 757
Delta R.T. -0.013 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:128 Resp: 111561

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.2	10.2	15.4



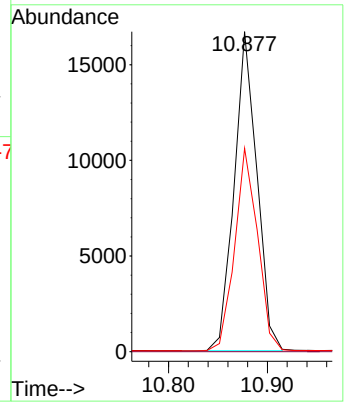


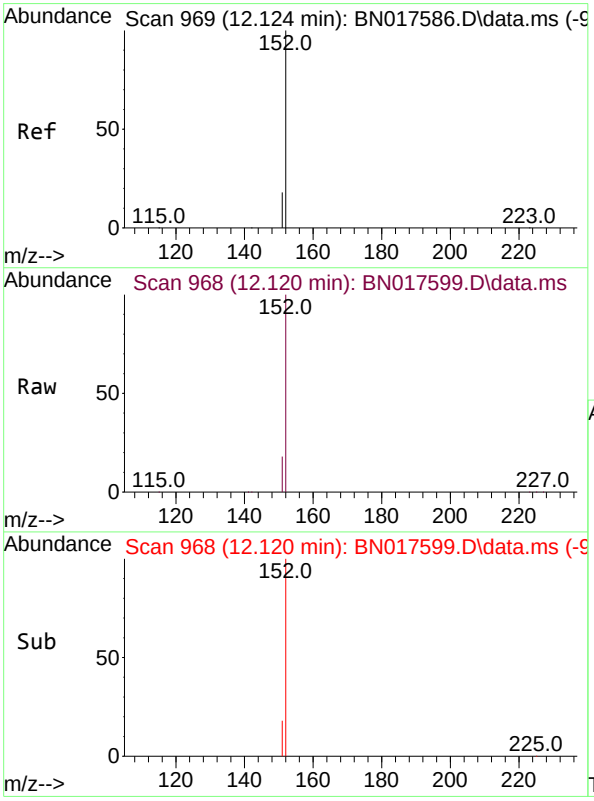
#10
Hexachlorobutadiene
Concen: 0.374 ng
RT: 10.877 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:225 Resp: 26690

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.1	76.7

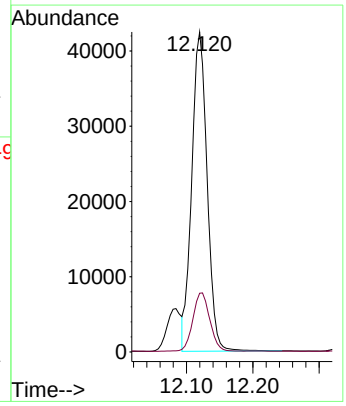


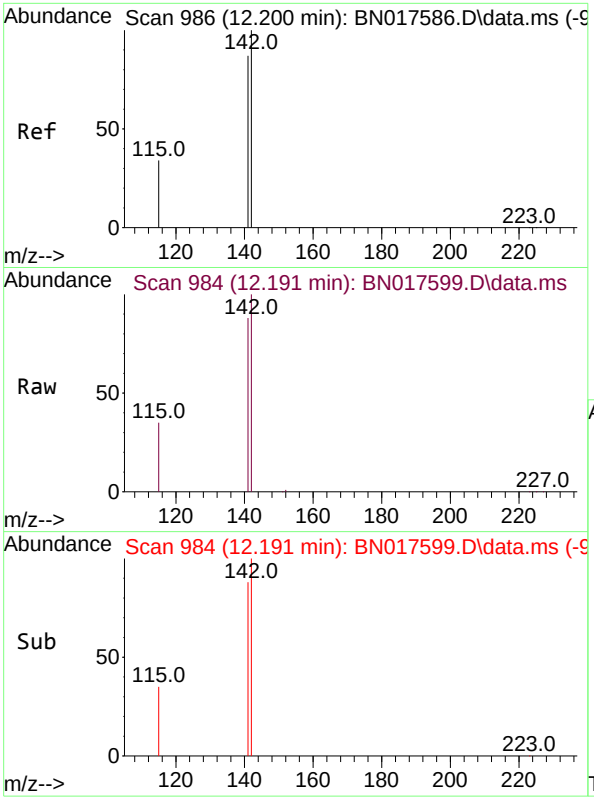


#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.120 min Scan# 968
Delta R.T. -0.004 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:152 Resp: 68234

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4



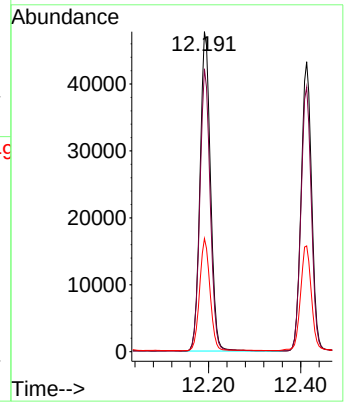


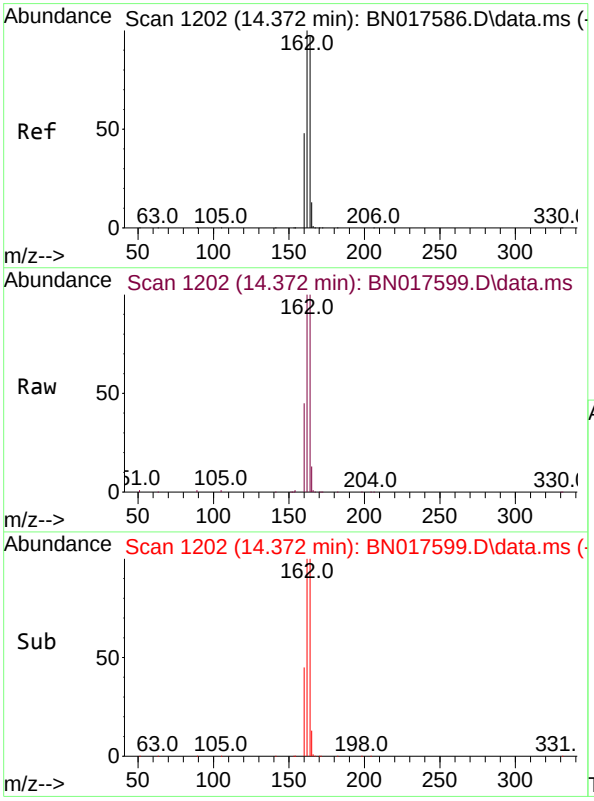
#12
2-Methylnaphthalene
Concen: 0.400 ng
RT: 12.191 min Scan# 9
Delta R.T. -0.009 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:142 Resp: 75311

Ion	Ratio	Lower	Upper
142	100		
141	88.4	69.4	104.0
115	35.4	27.8	41.6

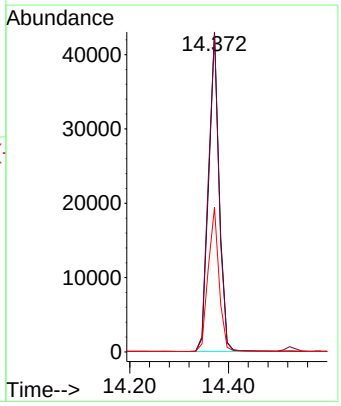


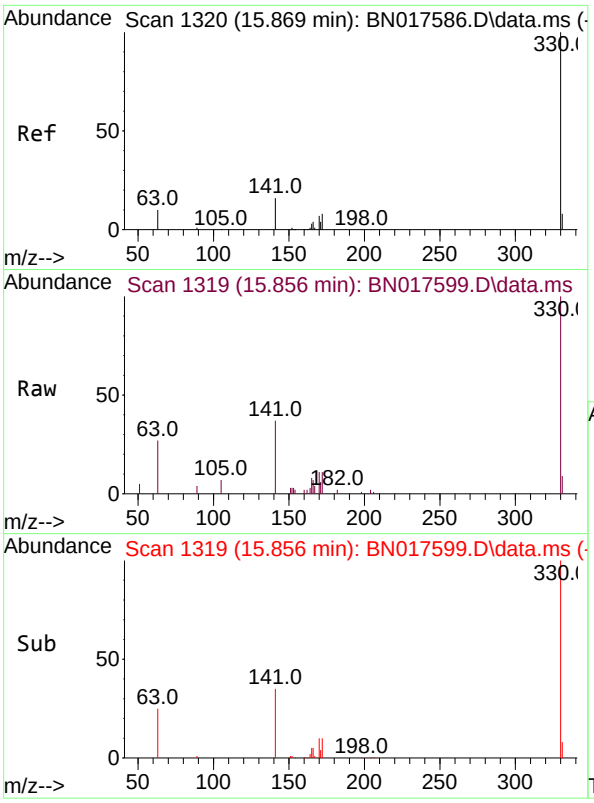


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:164 Resp: 63556

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.5	123.7
160	45.2	39.6	59.4





#14
2,4,6-Tribromophenol
Concen: 0.339 ng
RT: 15.856 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
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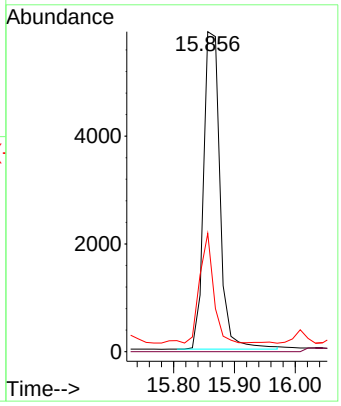
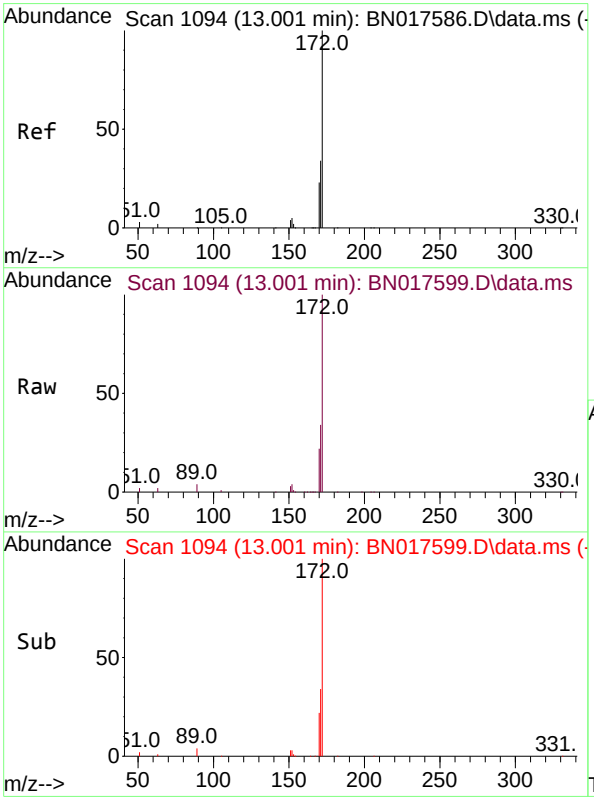
BP-VPB-RW9-GW-858-860MS

Tgt Ion:330 Resp: 11106

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.9	24.1	36.1

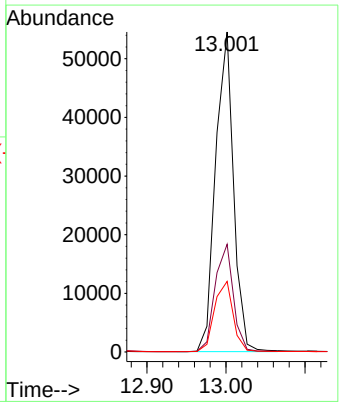


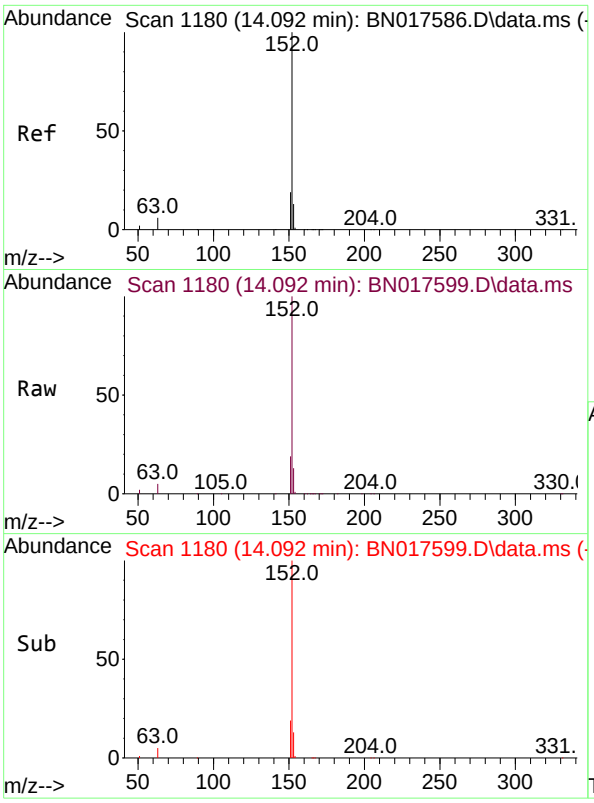


#15
2-Fluorobiphenyl
Concen: 0.351 ng
RT: 13.001 min Scan# 1094
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:172 Resp: 86066

Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.6	41.4
170	22.0	18.3	27.5



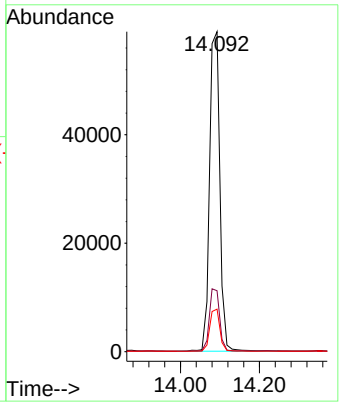


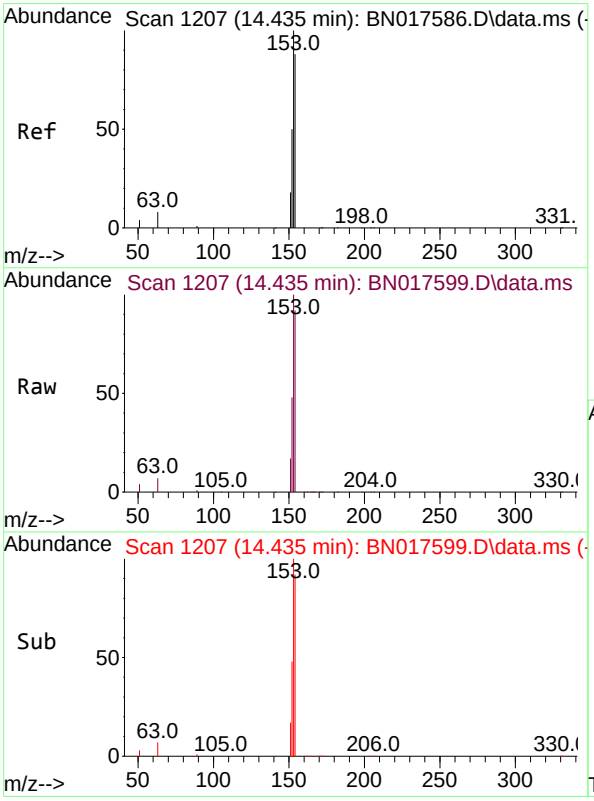
#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.092 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:152 Resp: 106590

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.5	15.7

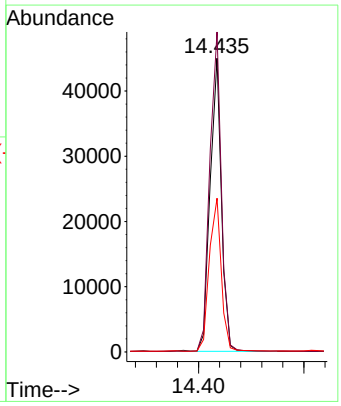


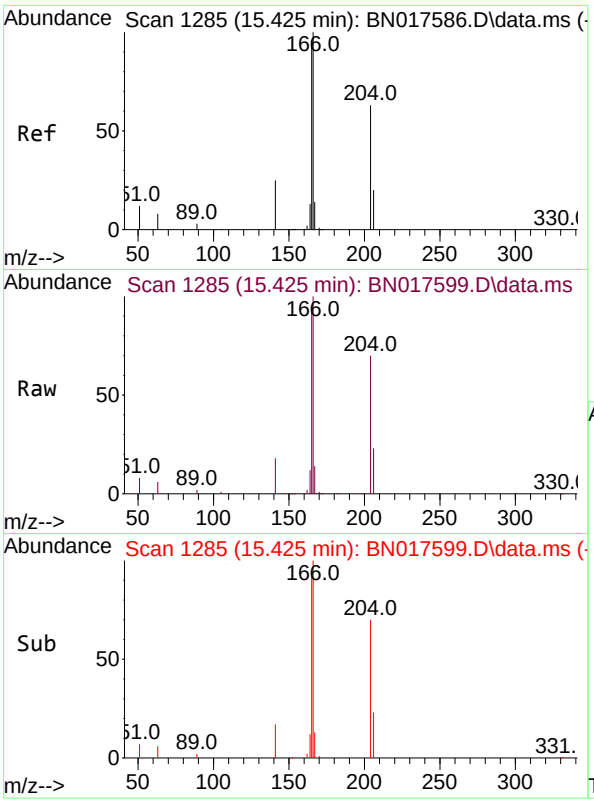


#17
Acenaphthene
Concen: 0.386 ng
RT: 14.435 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:154 Resp: 66567

Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.8	134.8
152	55.3	45.9	68.9



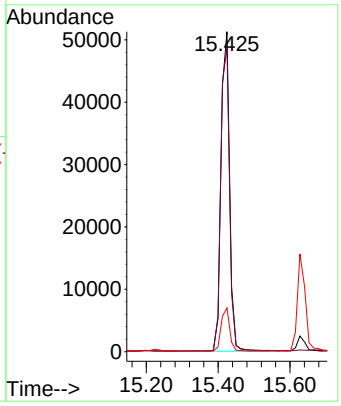


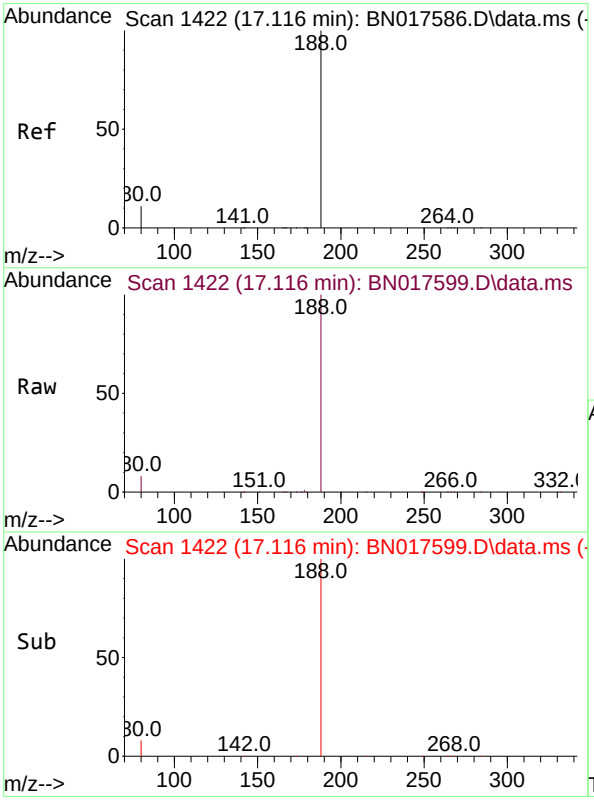
#18
Fluorene
Concen: 0.391 ng
RT: 15.425 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:166 Resp: 84966

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.4	10.9	16.3

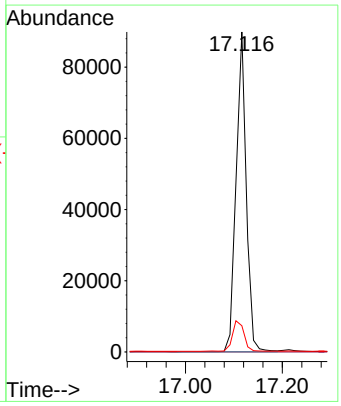


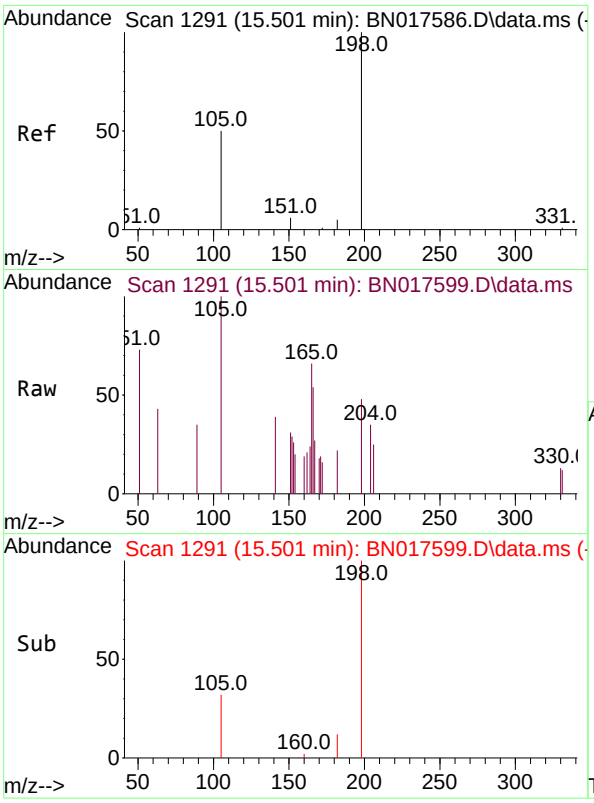


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:188 Resp: 130485

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	9.0	13.4#



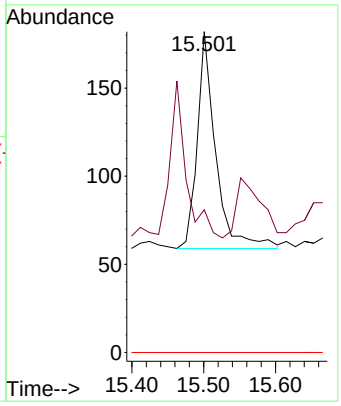


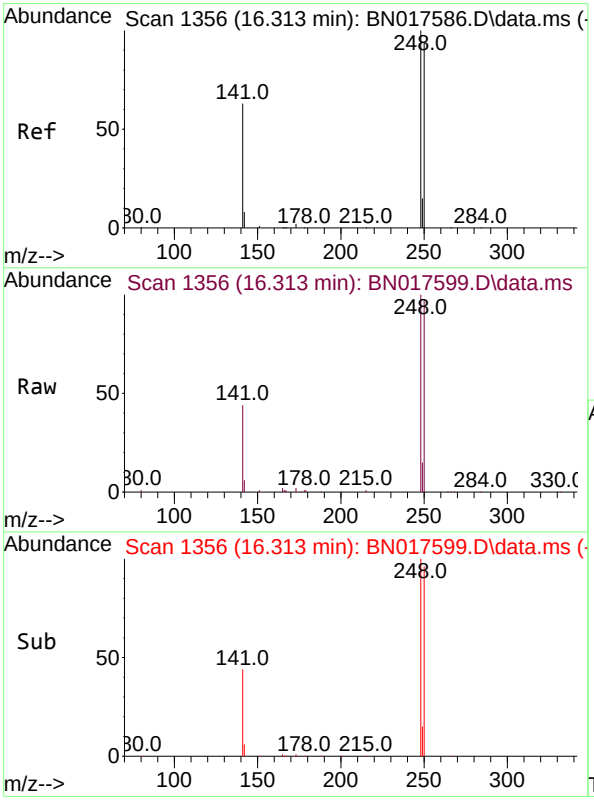
#20
4,6-Dinitro-2-methylphenol
Concen: 0.348 ng
RT: 15.501 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:198 Resp: 219

Ion	Ratio	Lower	Upper
198	100		
182	44.5	33.1	49.7
77	0.0	0.0	0.0

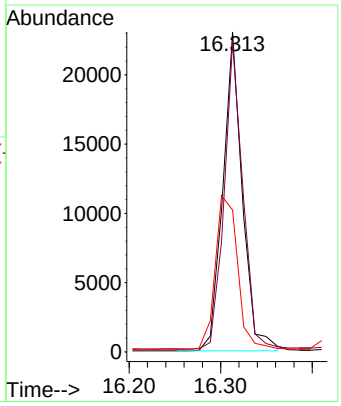


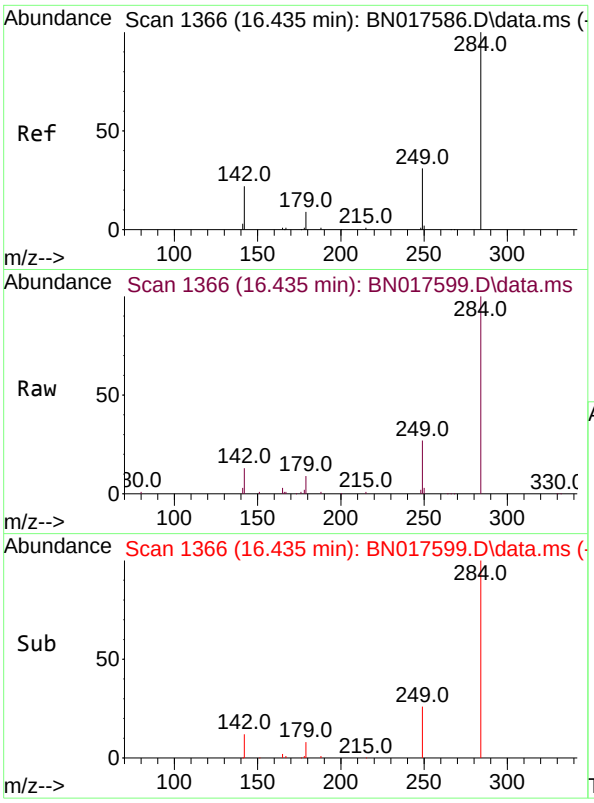


#21
4-Bromophenyl-phenylether
Concen: 0.417 ng
RT: 16.313 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:248 Resp: 33946

Ion	Ratio	Lower	Upper
248	100		
250	96.8	76.6	114.8
141	44.4	50.5	75.7#



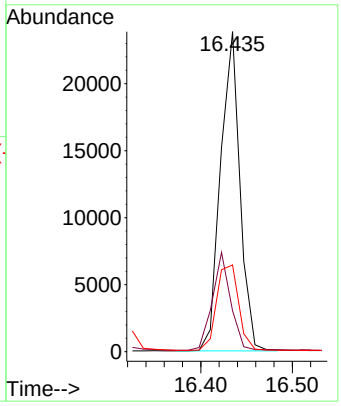


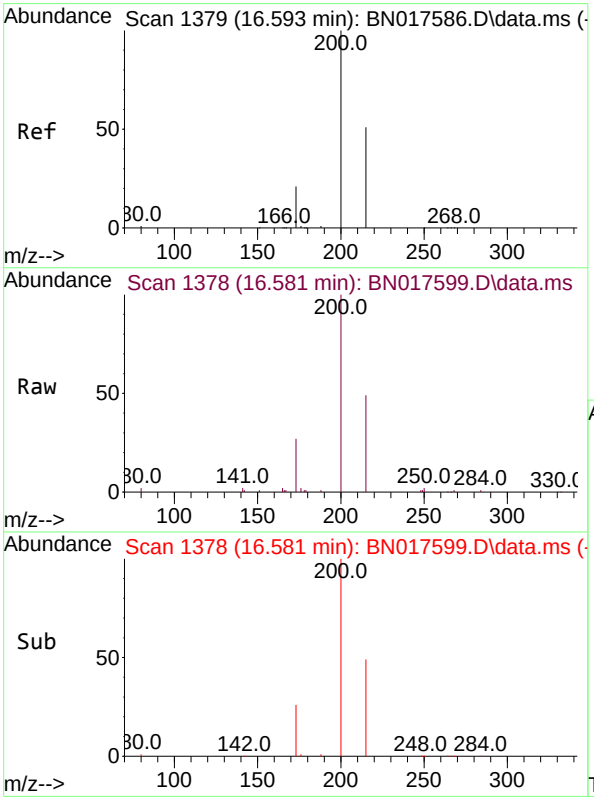
#22
Hexachlorobenzene
Concen: 0.372 ng
RT: 16.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:284 Resp: 34971

Ion	Ratio	Lower	Upper
284	100		
142	28.8	23.2	34.8
249	30.6	24.2	36.2

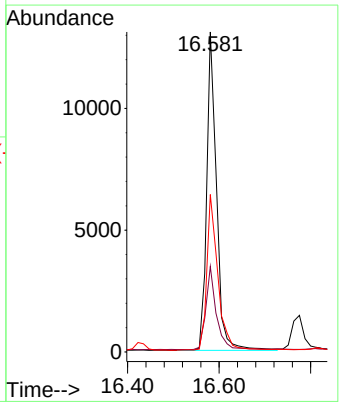


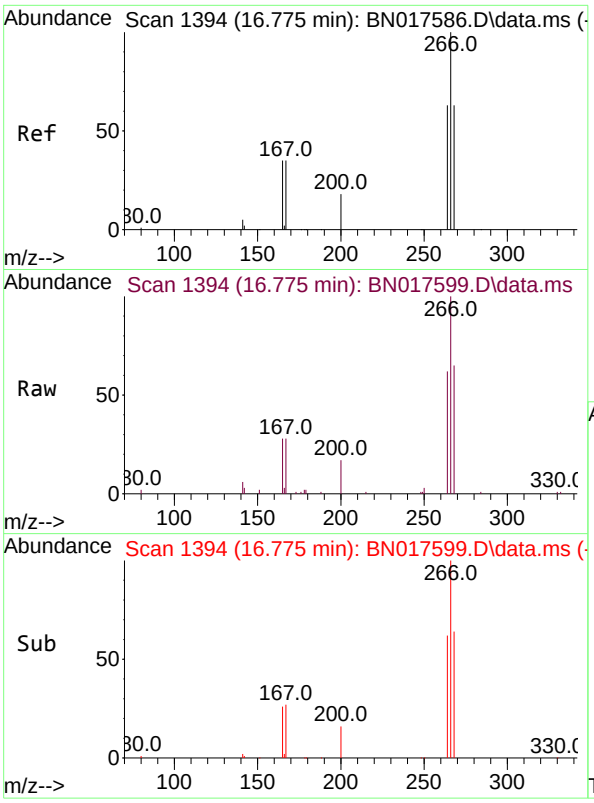


#23
Atrazine
Concen: 0.455 ng
RT: 16.581 min Scan# 1378
Delta R.T. -0.012 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:200 Resp: 19447

Ion	Ratio	Lower	Upper
200	100		
173	26.7	17.4	26.0#
215	49.2	40.9	61.3



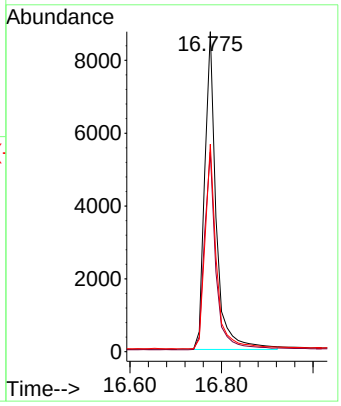


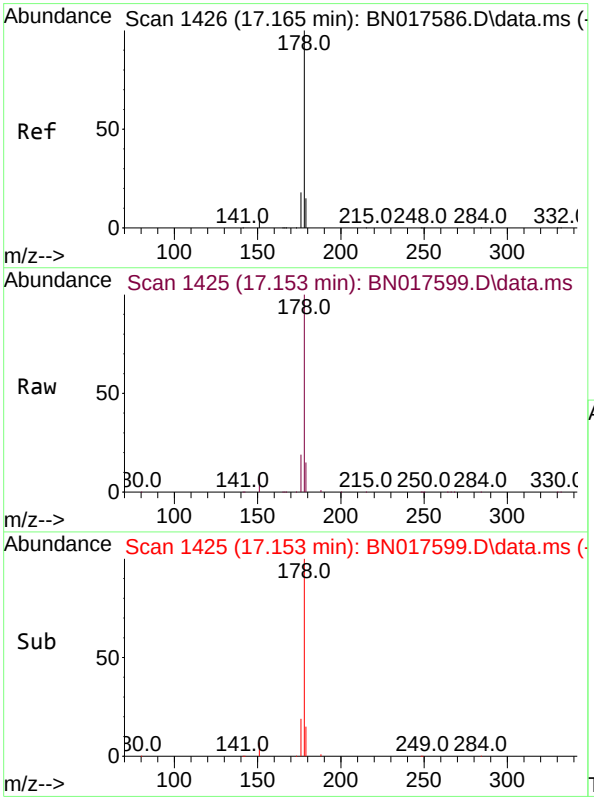
#24
Pentachlorophenol
Concen: 0.483 ng
RT: 16.775 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:266 Resp: 15205

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.2	75.2
268	63.8	51.7	77.5

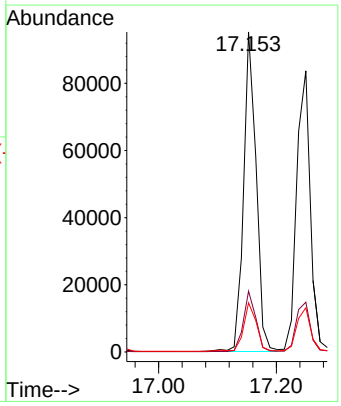


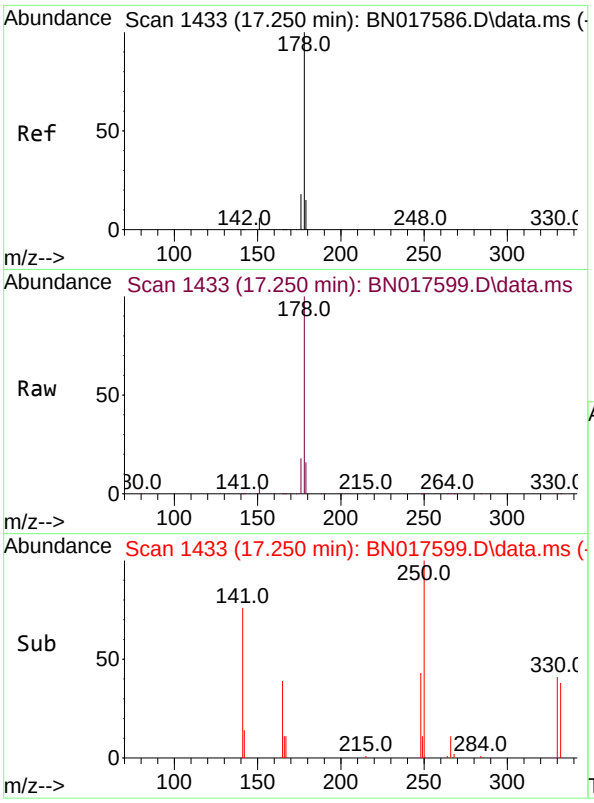


#25
Phenanthrene
Concen: 0.397 ng
RT: 17.153 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:178 Resp: 140727

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.8	12.2	18.4



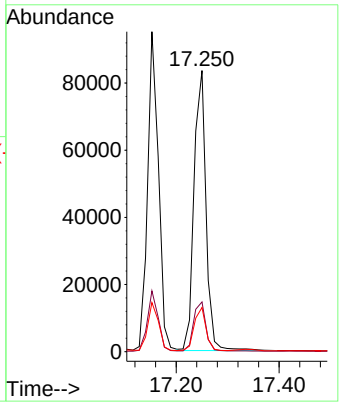


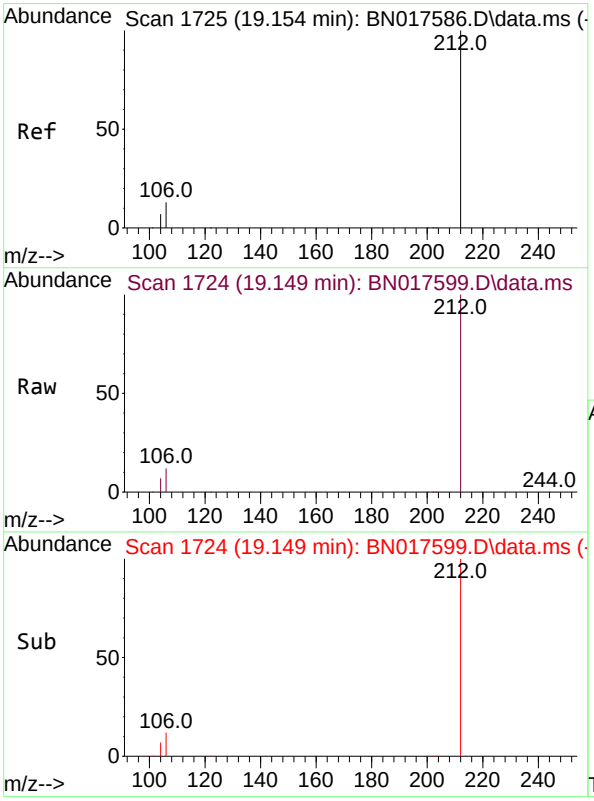
#26
Anthracene
Concen: 0.417 ng
RT: 17.250 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:178 Resp: 135564

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.0	12.2	18.4

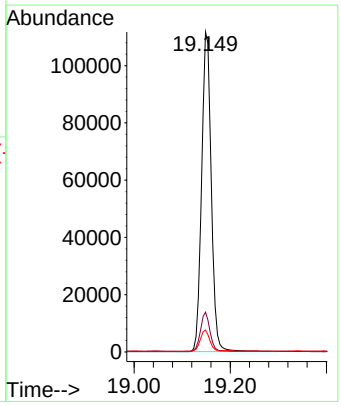


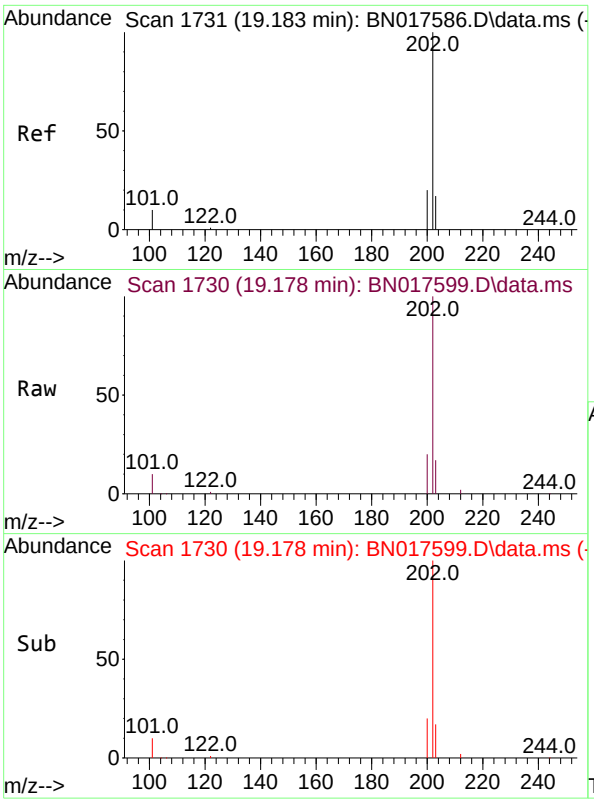


#27
Fluoranthene-d10
Concen: 0.352 ng
RT: 19.149 min Scan# 1724
Delta R.T. -0.005 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:212 Resp: 154718

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.5	5.3	7.9



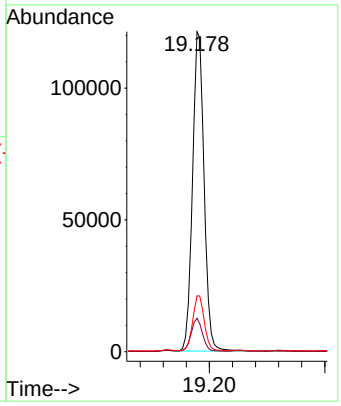


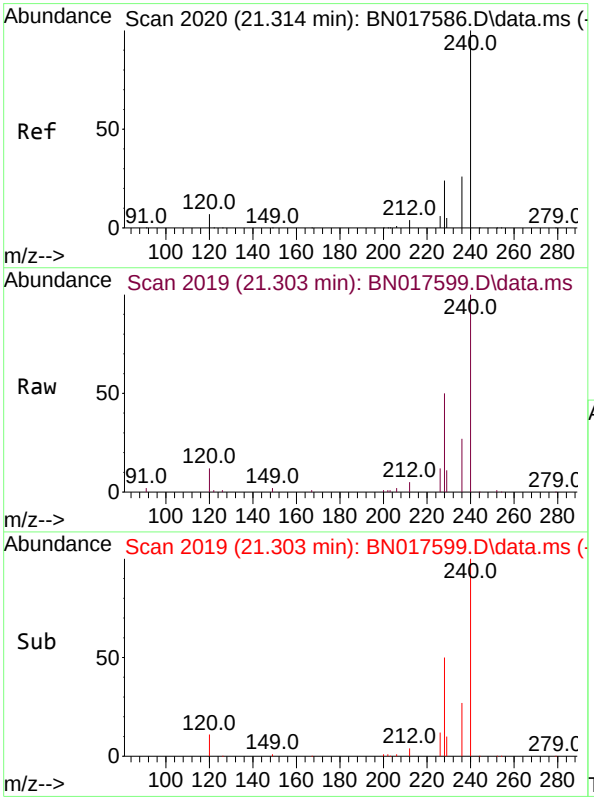
#28
Fluoranthene
Concen: 0.395 ng
RT: 19.178 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:202 Resp: 169052

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.3	12.5
203	17.2	13.9	20.9

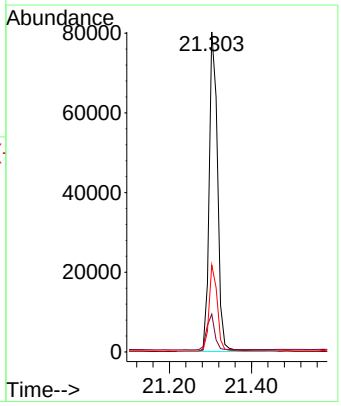


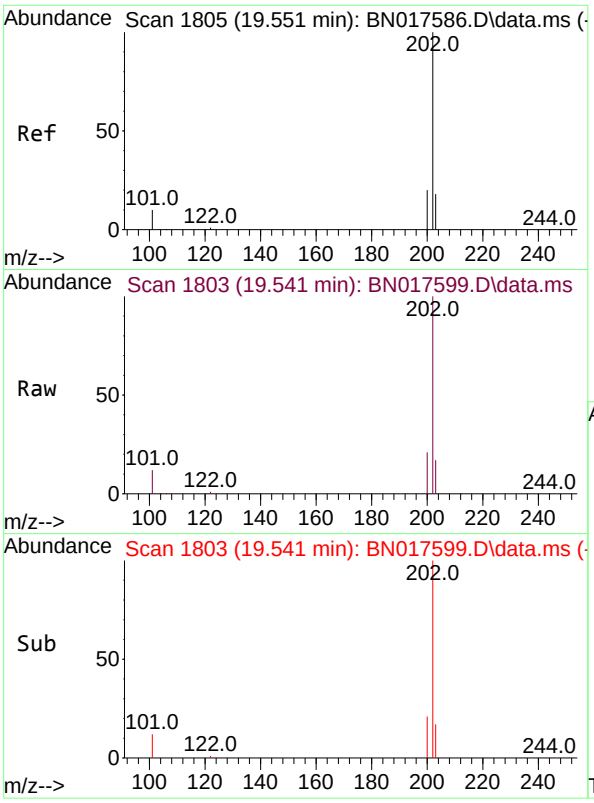


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.303 min Scan# 2019
Delta R.T. -0.011 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:240 Resp: 113590

Ion	Ratio	Lower	Upper
240	100		
120	11.8	6.1	9.1#
236	27.2	21.2	31.8



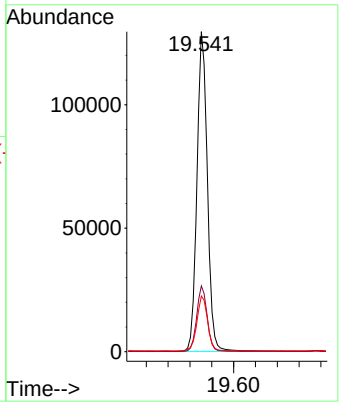


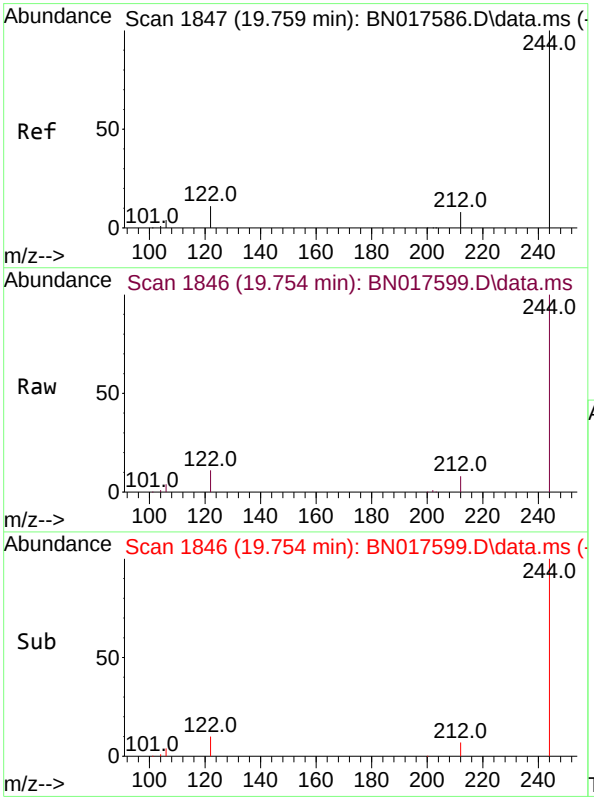
#30
Pyrene
Concen: 0.421 ng
RT: 19.541 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:202 Resp: 171663

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.4	24.6
203	17.7	13.9	20.9

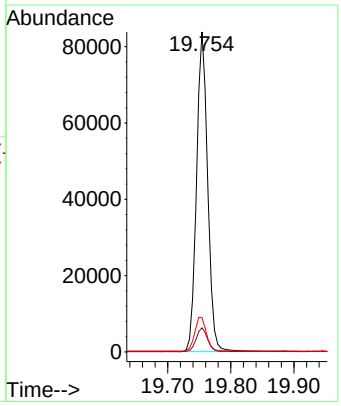


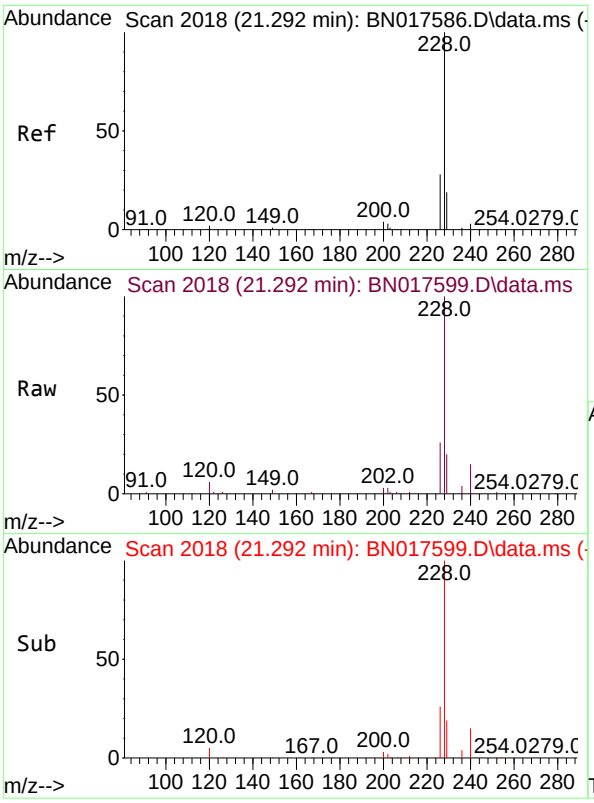


#31
Terphenyl-d14
Concen: 0.386 ng
RT: 19.754 min Scan# 1846
Delta R.T. -0.005 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:244 Resp: 102655

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	10.7	8.9	13.3



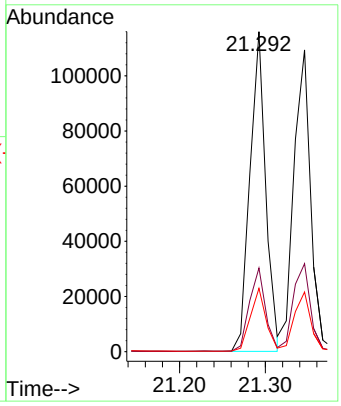


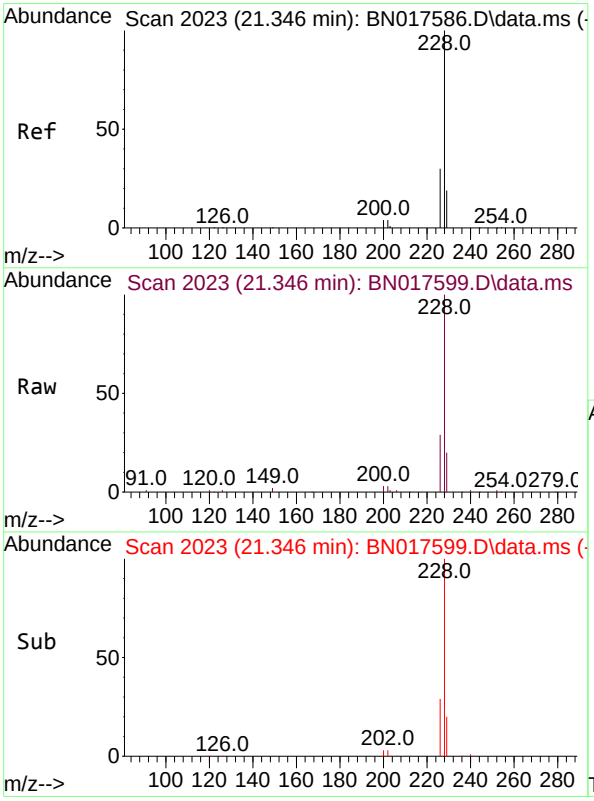
#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.292 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:228 Resp: 148044

Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.4	33.6
229	19.8	15.4	23.2

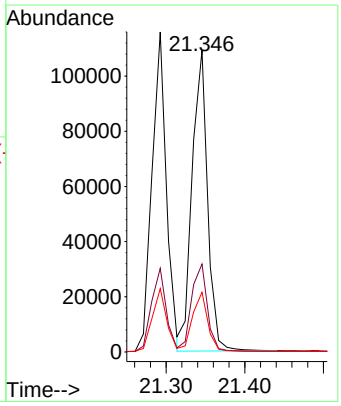


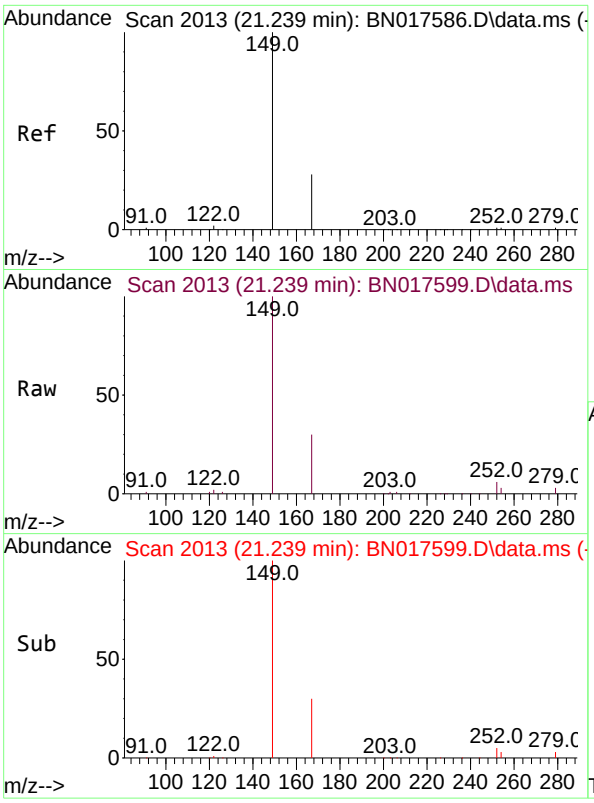


#33
Chrysene
Concen: 0.401 ng
RT: 21.346 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:228 Resp: 148915

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	19.8	15.6	23.4



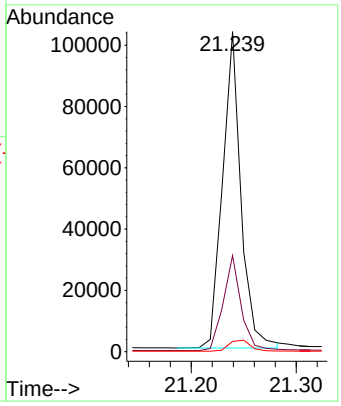


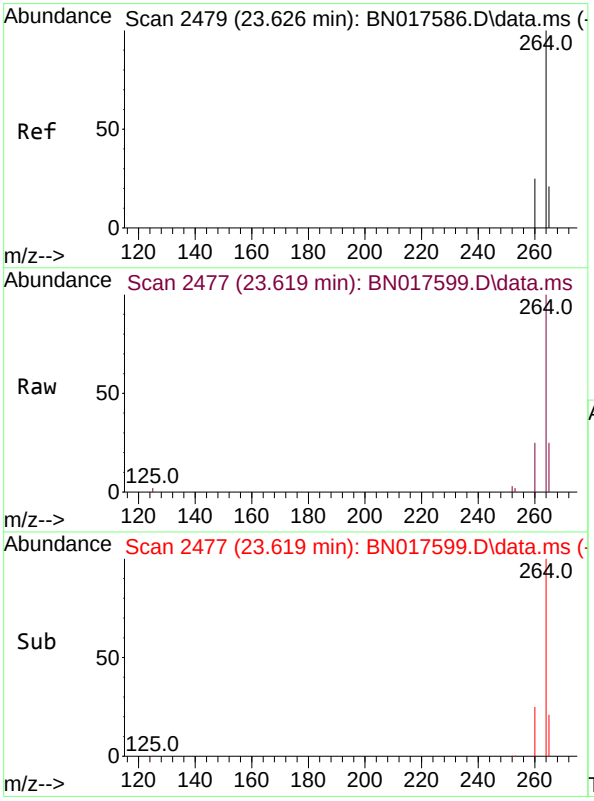
#34
Bis(2-ethylhexyl)phthalate
Concen: 1.207 ng
RT: 21.239 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:149 Resp: 125478

Ion	Ratio	Lower	Upper
149	100		
167	29.2	23.2	34.8
279	4.2	3.4	5.0

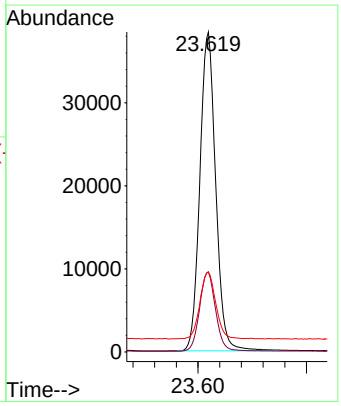


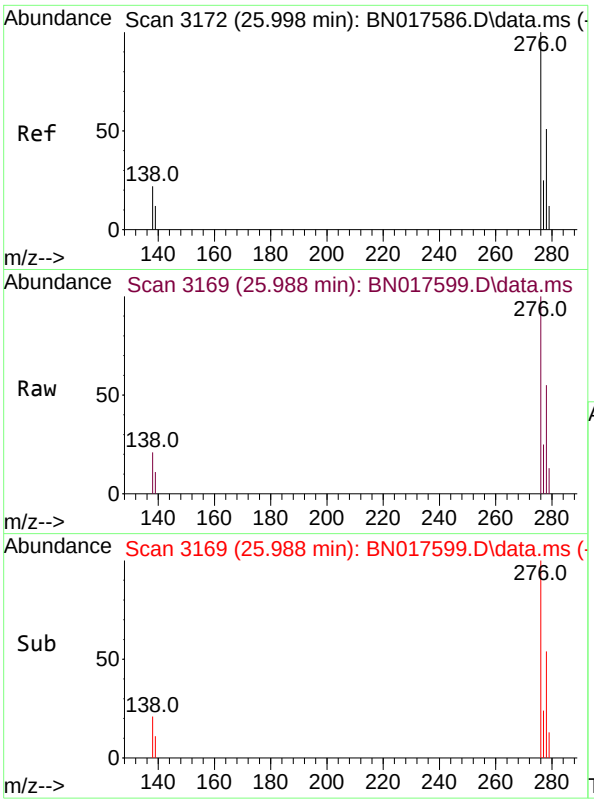


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.619 min Scan# 2477
Delta R.T. -0.007 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:264 Resp: 77761

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.1	30.1
265	25.0	20.6	30.8



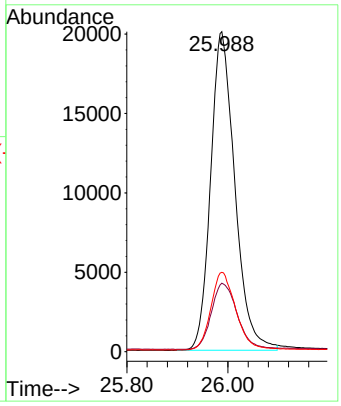


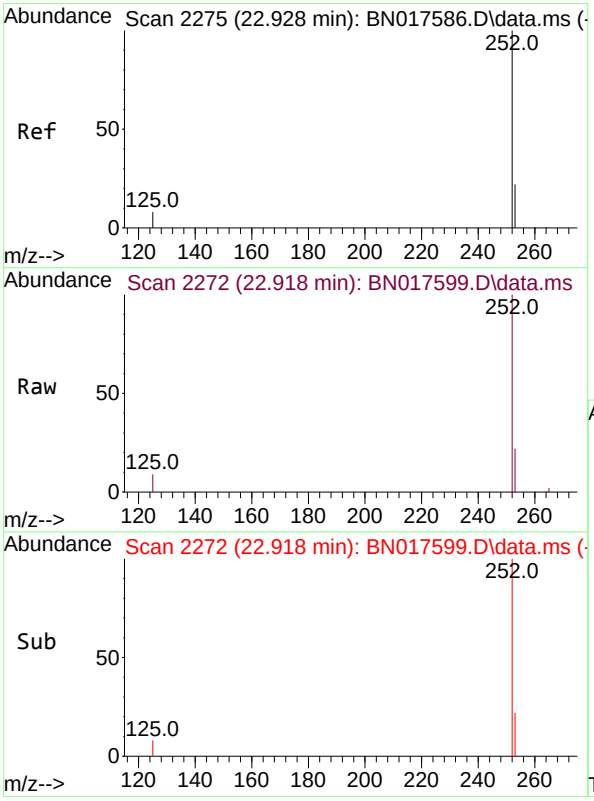
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 25.988 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:276 Resp: 66727

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.4	24.6
277	25.0	17.9	26.9

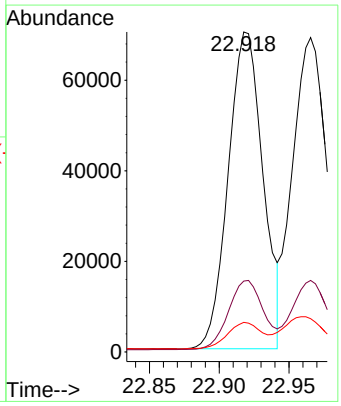


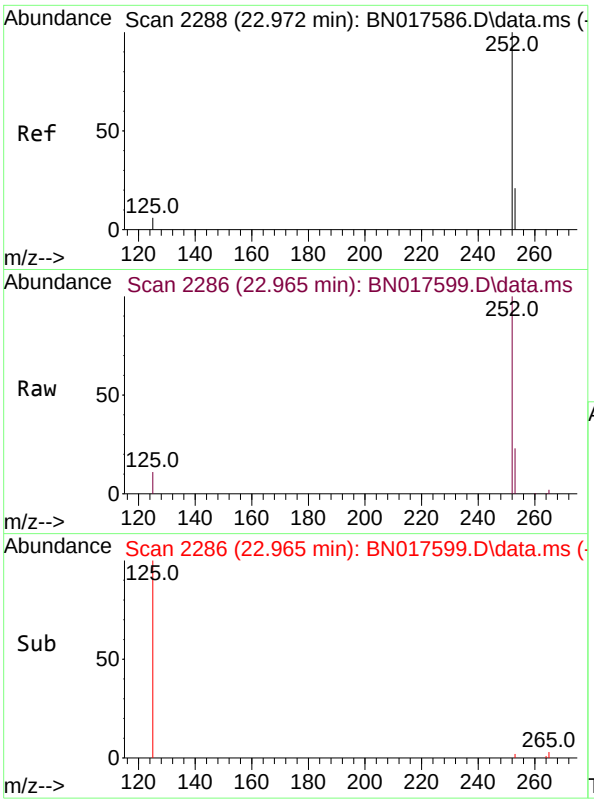


#37
Benzo(b)fluoranthene
Concen: 0.403 ng
RT: 22.918 min Scan# 2272
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:252 Resp: 121201

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	9.3	7.1	10.7



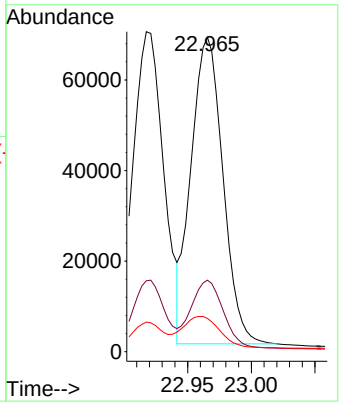


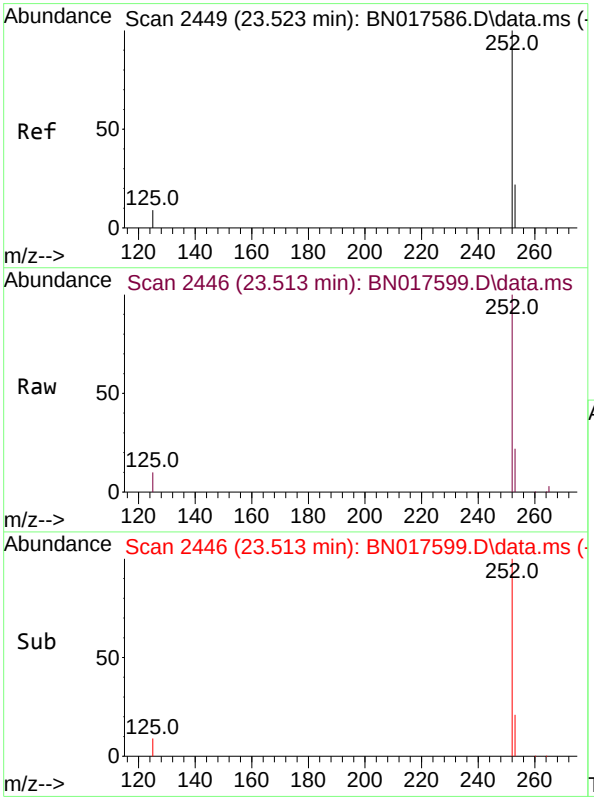
#38
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.965 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:252 Resp: 117816

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	10.6	7.9	11.9

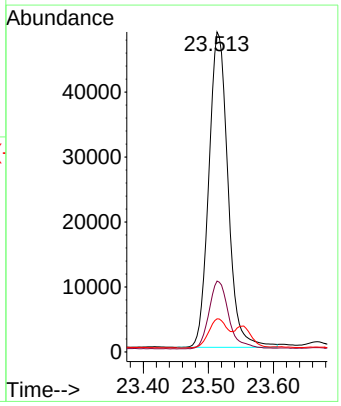


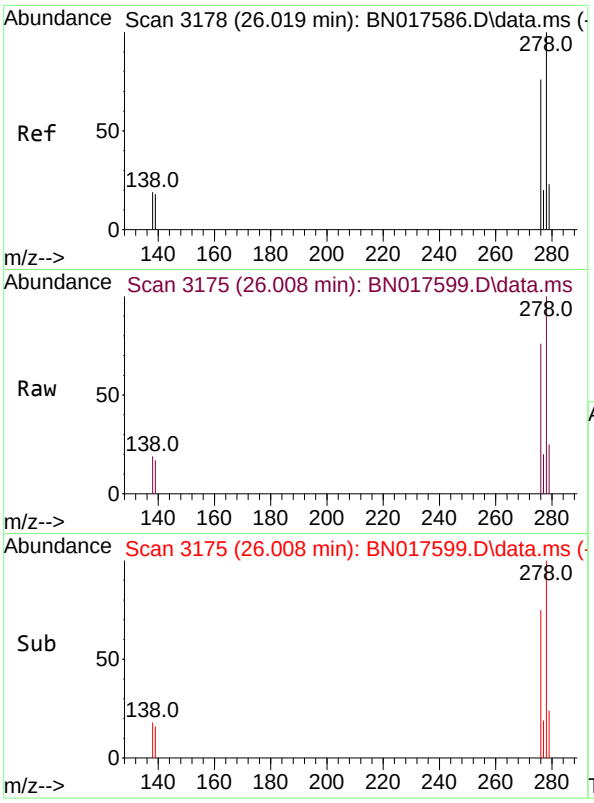


#39
Benzo(a)pyrene
Concen: 0.413 ng
RT: 23.513 min Scan# 2446
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:252 Resp: 98974

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	10.4	8.0	12.0



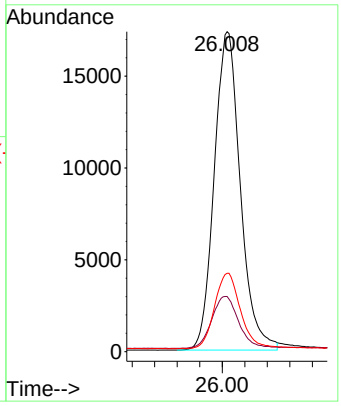


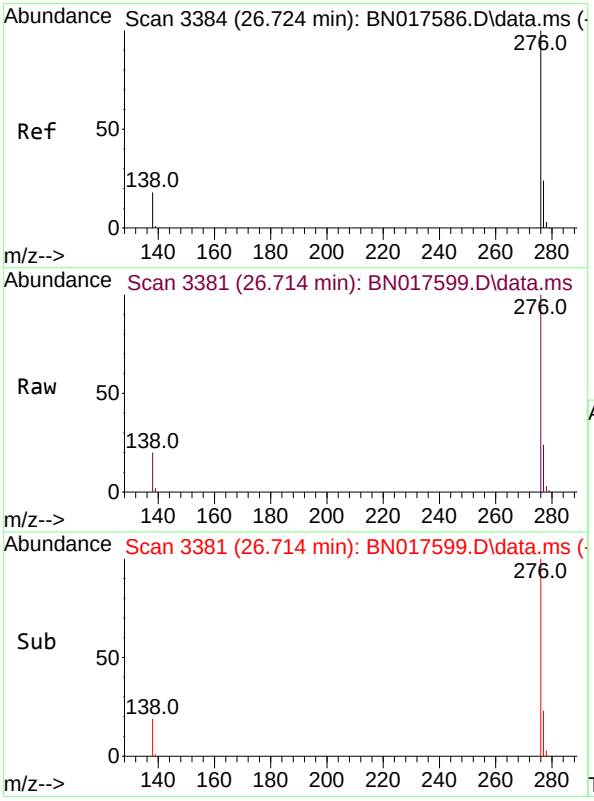
#40
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 26.008 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Instrument :
BNA_N
ClientSampleId :
BP-VPB-RW9-GW-858-860MS

Tgt Ion:278 Resp: 55619

Ion	Ratio	Lower	Upper
278	100		
139	17.2	15.2	22.8
279	24.5	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.714 min Scan# 3381
Delta R.T. -0.010 min
Lab File: BN017599.D
Acq: 25 Nov 2021 02:52

Tgt Ion:276 Resp: 50128

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	19.6	15.7	23.5