Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018006.D
Acq On : 14 Dec 2021 16:30
Operator : CG/JU
Sample : M4956-09MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Quant Time: Dec 15 02:20:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	25120	0.400	ng	0.00
7) Naphthalene-d8	10.470	136	106466	0.400	ng	0.00
13) Acenaphthene-d10	14.320	164	65101	0.400	ng	0.00
19) Phenanthrene-d10	17.066	188	129994	0.400	ng	0.00
29) Chrysene-d12	21.259	240	133079	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	127158	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.319	112	9435	0.173	ng	0.03
5) Phenol-d6	6.886	99	6119	0.112	ng	0.02
8) Nitrobenzene-d5	8.835	82	26129	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	57671	0.327	ng	0.00
14) 2,4,6-Tribromophenol	15.817	330	10570	0.445	ng	0.00
15) 2-Fluorobiphenyl	12.949	172	85713	0.378	ng	0.00
27) Fluoranthene-d10	19.103	212	163174	0.376	ng	0.00
31) Terphenyl-d14	19.708	244	135299	0.488	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.576	42	4755	0.203	ng	# 94
6) bis(2-Chloroethyl)ether	7.117	93	31878	0.494	ng	99
9) Naphthalene	10.508	128	107370	0.402	ng	99
10) Hexachlorobutadiene	10.812	225	27194	0.370	ng	# 100
12) 2-Methylnaphthalene	12.136	142	72468	0.434	ng	99
16) Acenaphthylene	14.040	152	106510	0.396	ng	100
17) Acenaphthene	14.383	154	68845	0.402	ng	99
18) Fluorene	15.373	166	89833	0.427	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	2716	0.387	ng	97
21) 4-Bromophenyl-phenylether	16.263	248	40280	0.512	ng	# 87
22) Hexachlorobenzene	16.385	284	40347	0.429	ng	100
23) Atrazine	16.531	200	32114	0.555	ng	96
24) Pentachlorophenol	16.726	266	9702	0.614	ng	99
25) Phenanthrene	17.103	178	165834	0.501	ng	100
26) Anthracene	17.200	178	153281	0.513	ng	99
28) Fluoranthene	19.132	202	212858	0.516	ng	100
30) Pyrene	19.495	202	216997	0.497	ng	100
32) Benzo(a)anthracene	21.249	228	196625	0.491	ng	100
33) Chrysene	21.302	228	209115	0.490	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	137064	0.697	ng	99
36) Indeno(1,2,3-cd)pyrene	25.881	276	207318	0.487	ng	100
37) Benzo(b)fluoranthene	22.851	252	199219	0.527	ng	100
38) Benzo(k)fluoranthene	22.896	252	194812	0.529	ng	100
39) Benzo(a)pyrene	23.440	252	193844	0.504	ng	100
40) Dibenzo(a,h)anthracene	25.894	278	163979	0.494	ng	99
41) Benzo(g,h,i)perylene	26.589	276	183218	0.460	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
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Operator : CG/JU
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Quant Time: Dec 15 02:20:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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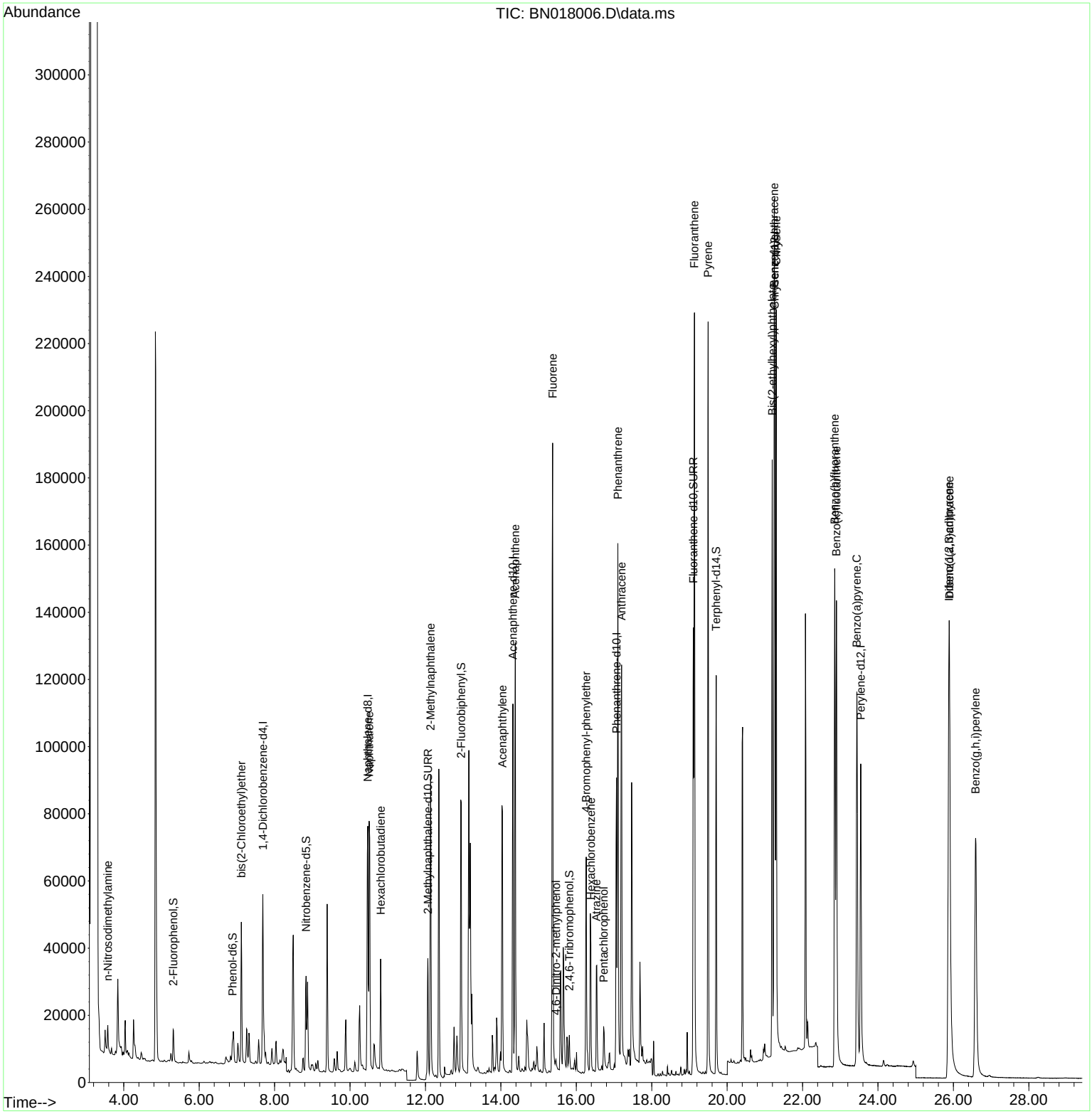
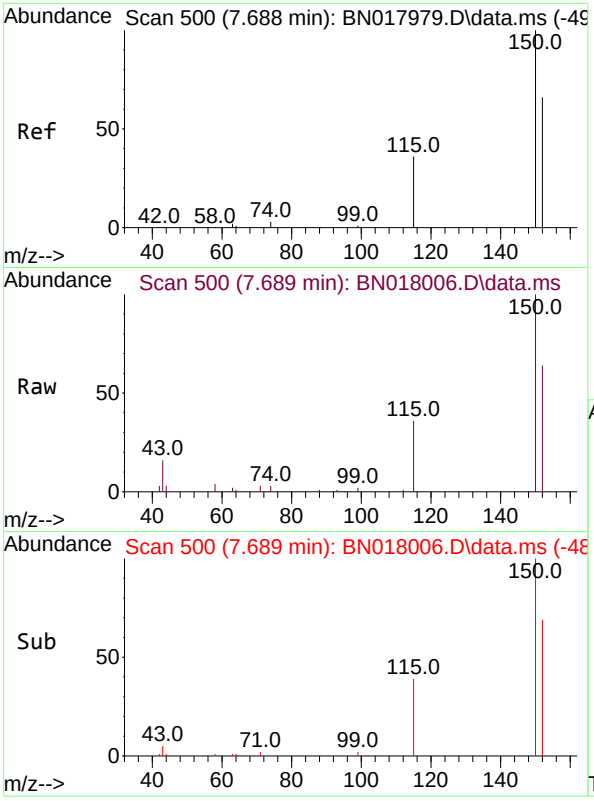


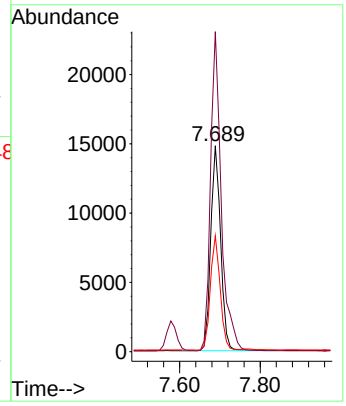


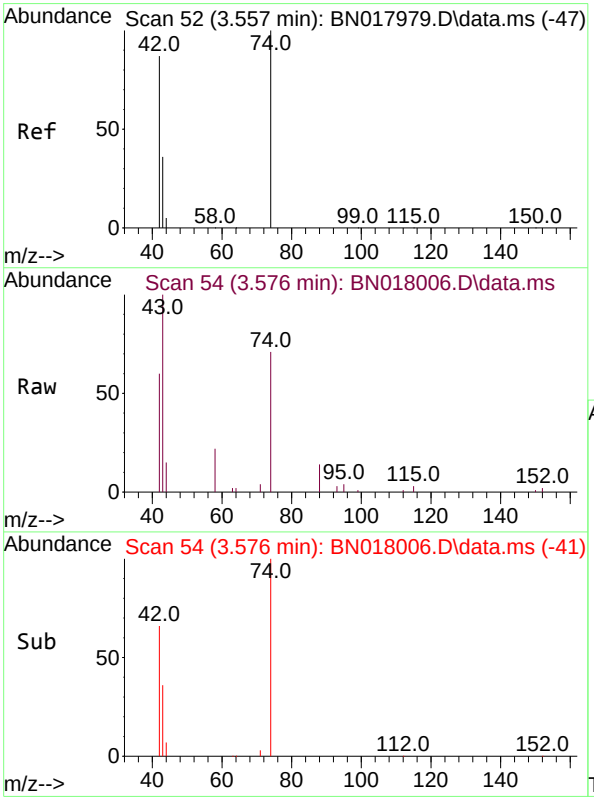
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.689 min Scan# 5(
Delta R.T. 0.001 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:152 Resp: 25120

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.7	182.5
115	56.2	43.8	65.8

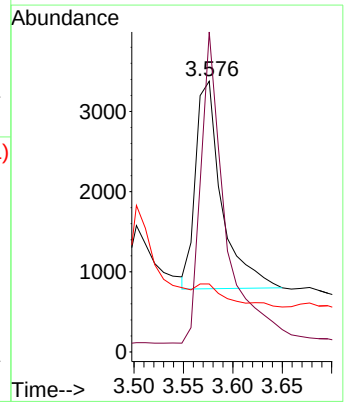


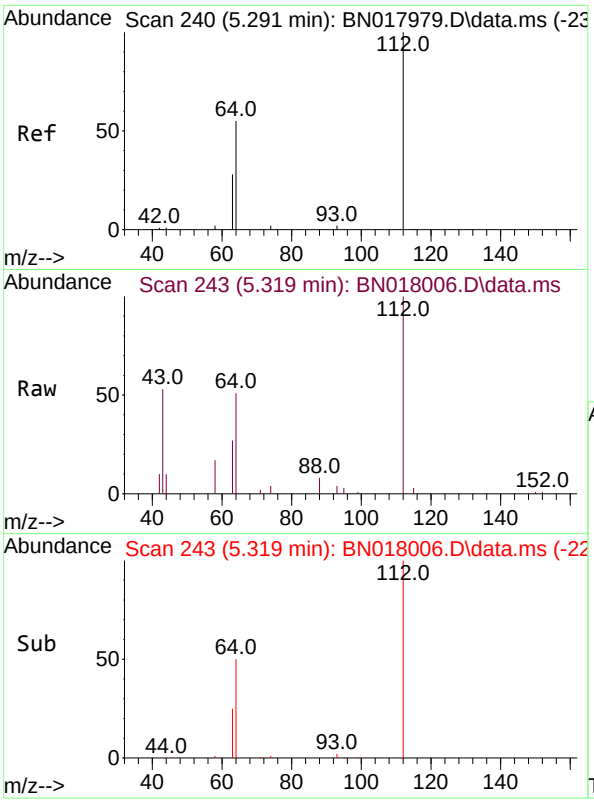


#3
n-Nitrosodimethylamine
Concen: 0.203 ng
RT: 3.576 min Scan# 54
Delta R.T. 0.019 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion: 42 Resp: 4755

Ion	Ratio	Lower	Upper
42	100		
74	141.5	108.6	163.0
44	0.0	5.8	8.8#



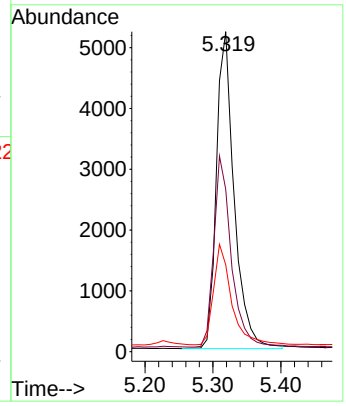


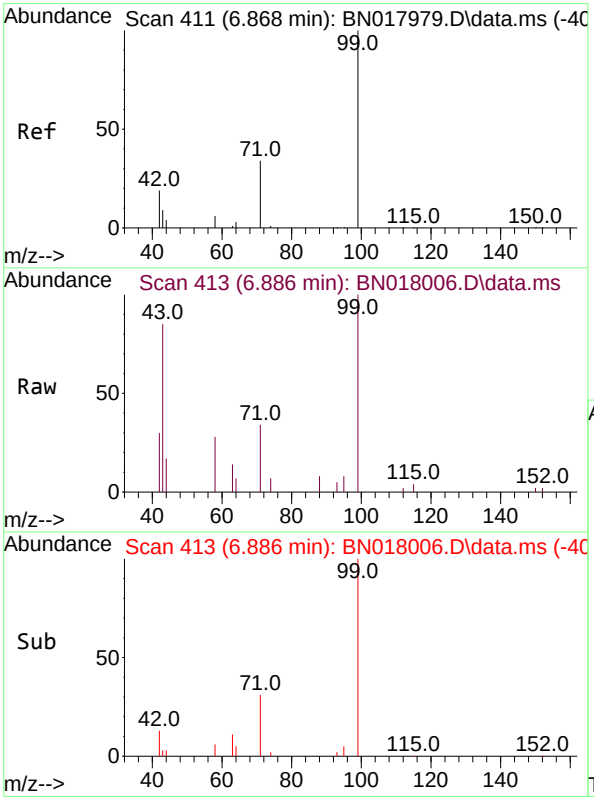
#4
2-Fluorophenol
Concen: 0.173 ng
RT: 5.319 min Scan# 24
Delta R.T. 0.028 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:112 Resp: 9435

Ion	Ratio	Lower	Upper
112	100		
64	59.5	48.0	72.0
63	32.3	25.3	37.9

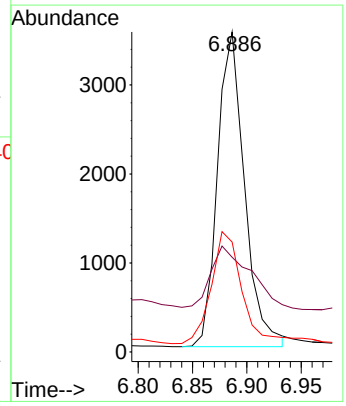


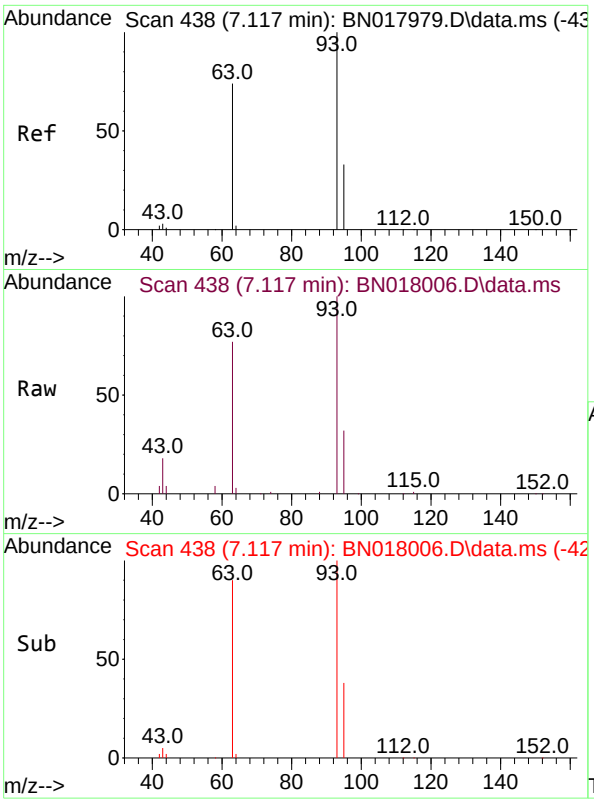


#5
Phenol-d6
Concen: 0.112 ng
RT: 6.886 min Scan# 413
Delta R.T. 0.019 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion: 99 Resp: 6119

Ion	Ratio	Lower	Upper
99	100		
42	27.6	16.3	24.5#
71	39.9	26.8	40.2



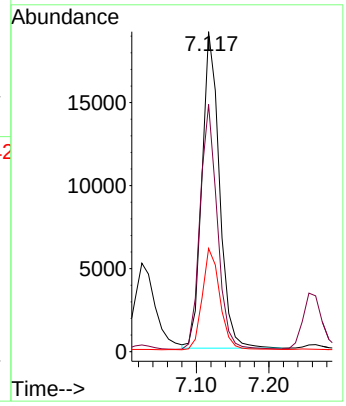


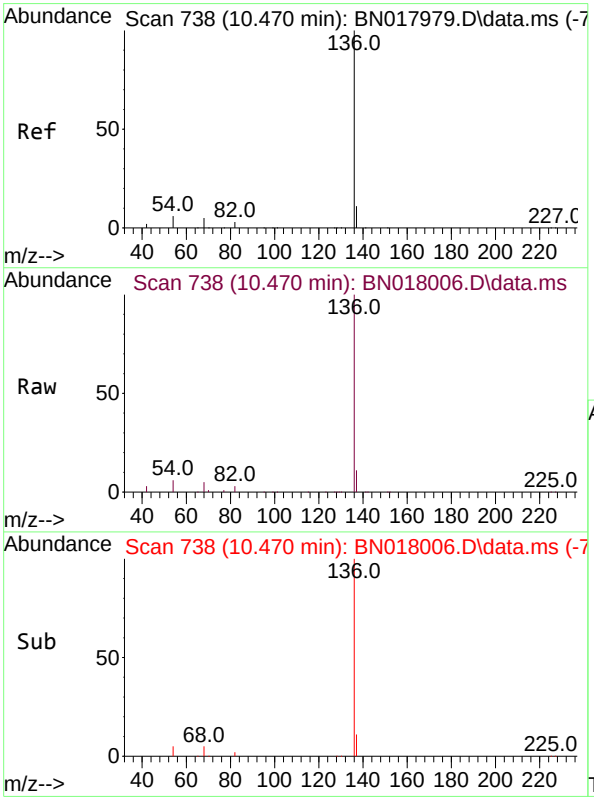
#6
bis(2-Chloroethyl)ether
Concen: 0.494 ng
RT: 7.117 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion: 93 Resp: 31878

Ion	Ratio	Lower	Upper
93	100		
63	76.4	61.7	92.5
95	32.3	26.2	39.4

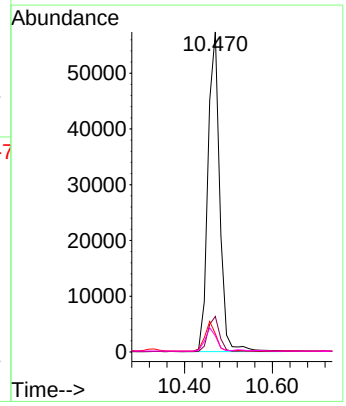


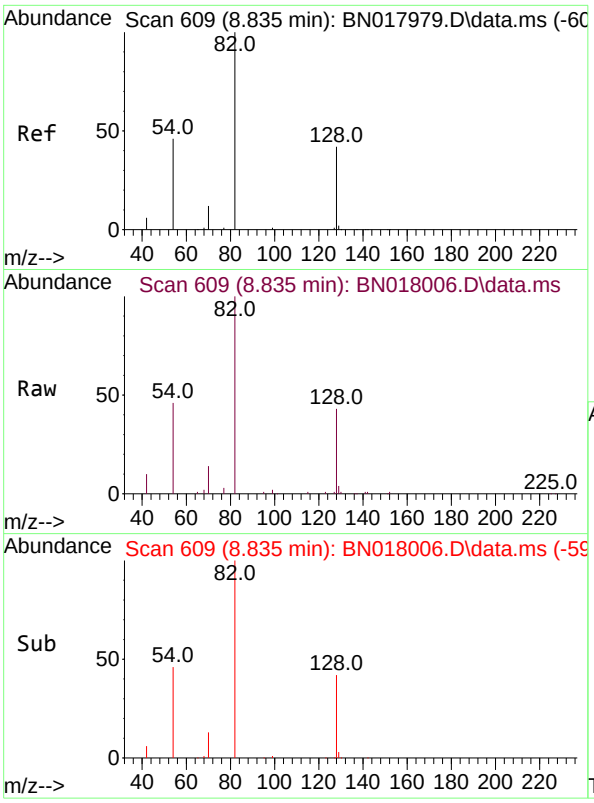


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.470 min Scan# 738
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:136 Resp: 106466

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.7	5.0	7.6
68	5.0	4.4	6.6



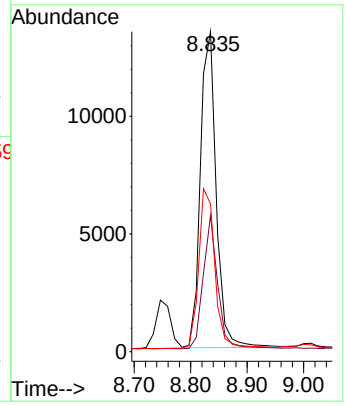


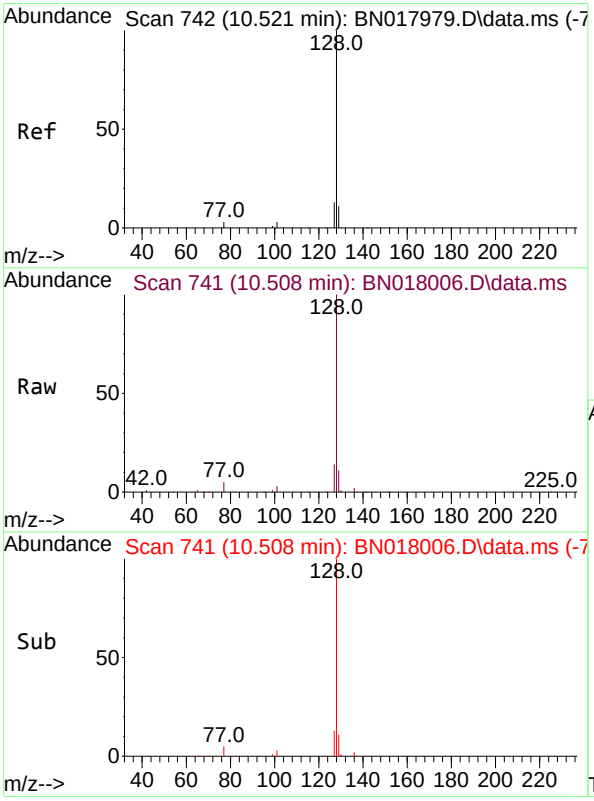
#8
Nitrobenzene-d5
Concen: 0.346 ng
RT: 8.835 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion: 82 Resp: 26129

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.7	50.5
54	46.2	36.6	55.0

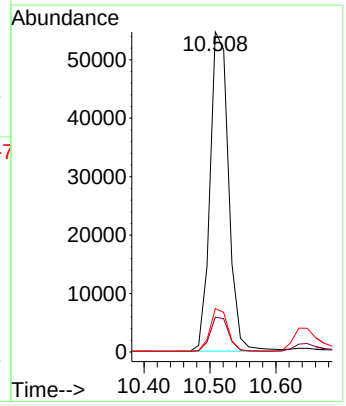


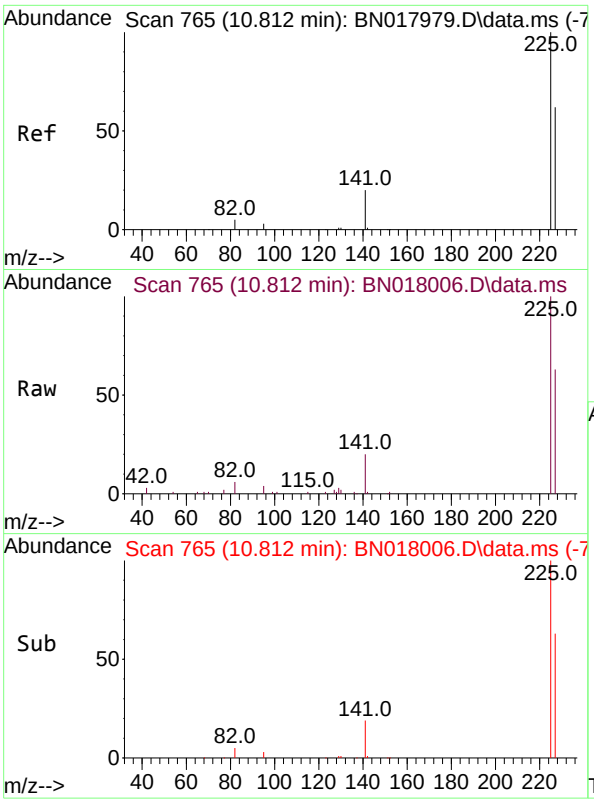


#9
Naphthalene
Concen: 0.402 ng
RT: 10.508 min Scan# 741
Delta R.T. -0.012 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:128 Resp: 107370

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.6	10.4	15.6



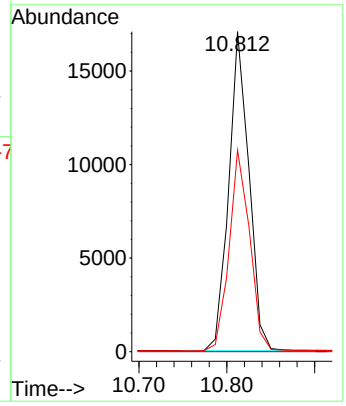


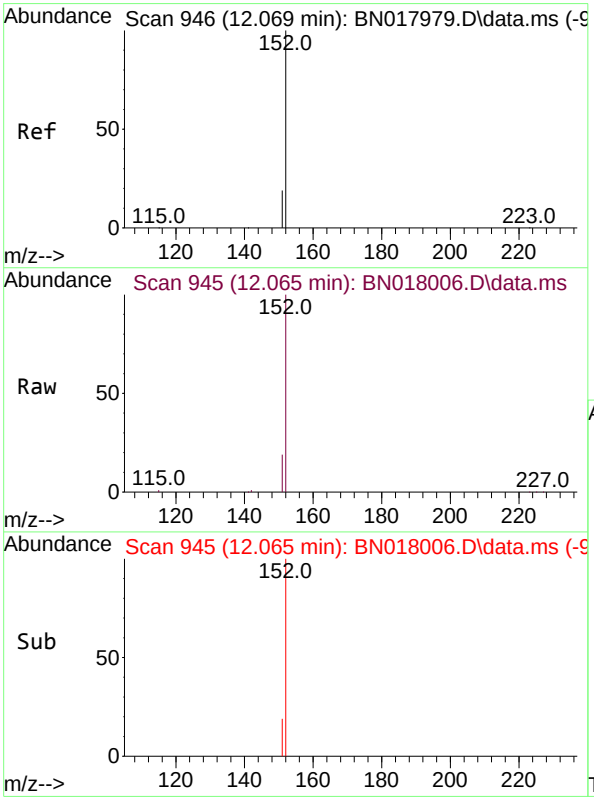
#10
Hexachlorobutadiene
Concen: 0.370 ng
RT: 10.812 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:225 Resp: 27194

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.0	76.6

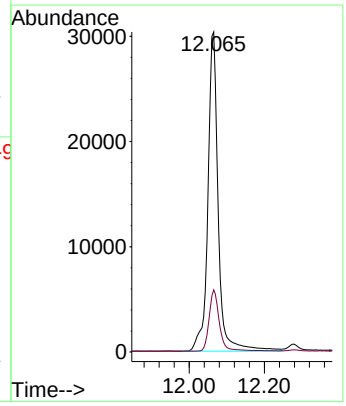


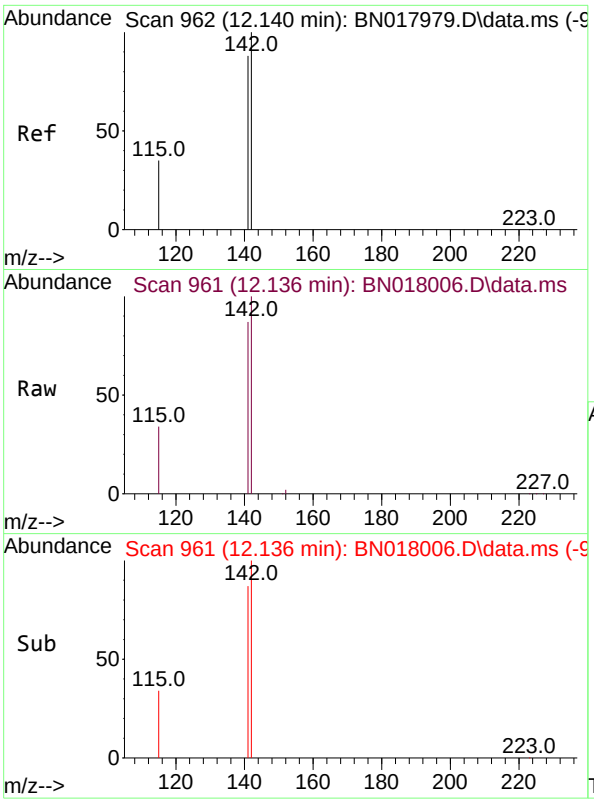


#11
2-Methylnaphthalene-d10
Concen: 0.327 ng
RT: 12.065 min Scan# 945
Delta R.T. -0.004 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:152 Resp: 57671

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2



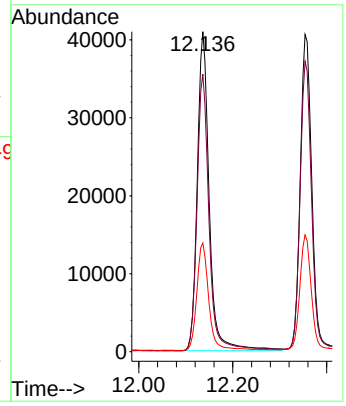


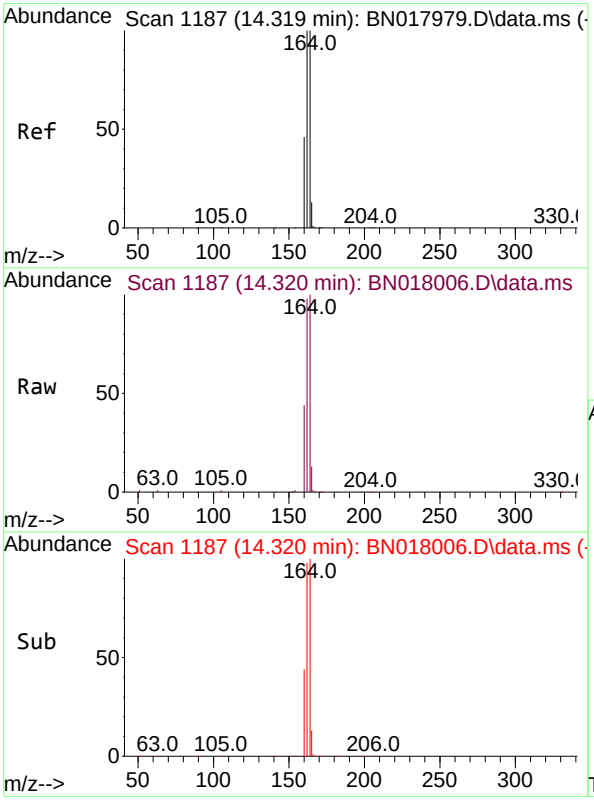
#12
2-Methylnaphthalene
Concen: 0.434 ng
RT: 12.136 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:142 Resp: 72468

Ion	Ratio	Lower	Upper
142	100		
141	86.8	70.0	105.0
115	34.0	27.8	41.8

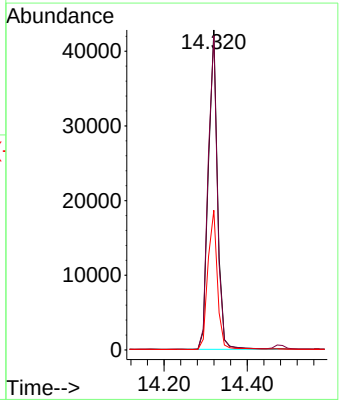


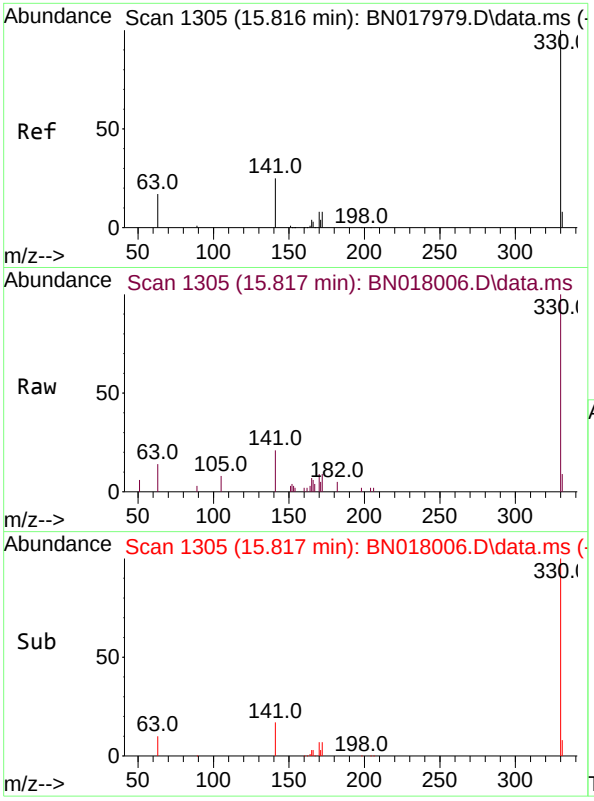


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.320 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:164 Resp: 65101

Ion	Ratio	Lower	Upper
164	100		
162	98.2	80.2	120.2
160	43.6	36.9	55.3



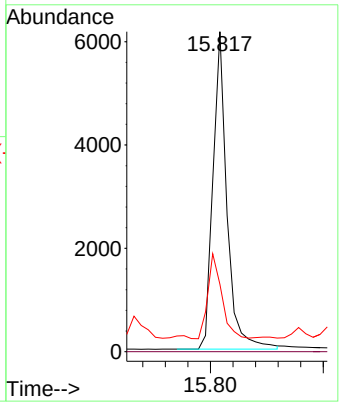


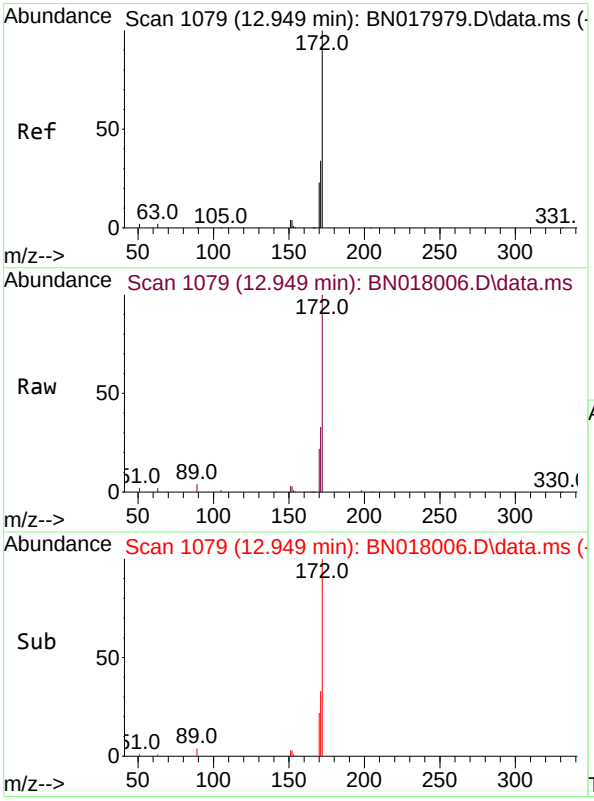
#14
2,4,6-Tribromophenol
Concen: 0.445 ng
RT: 15.817 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:330 Resp: 10570

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.5	21.3	31.9

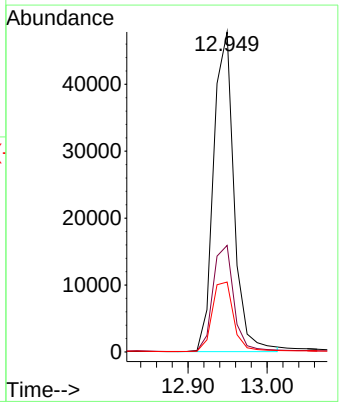


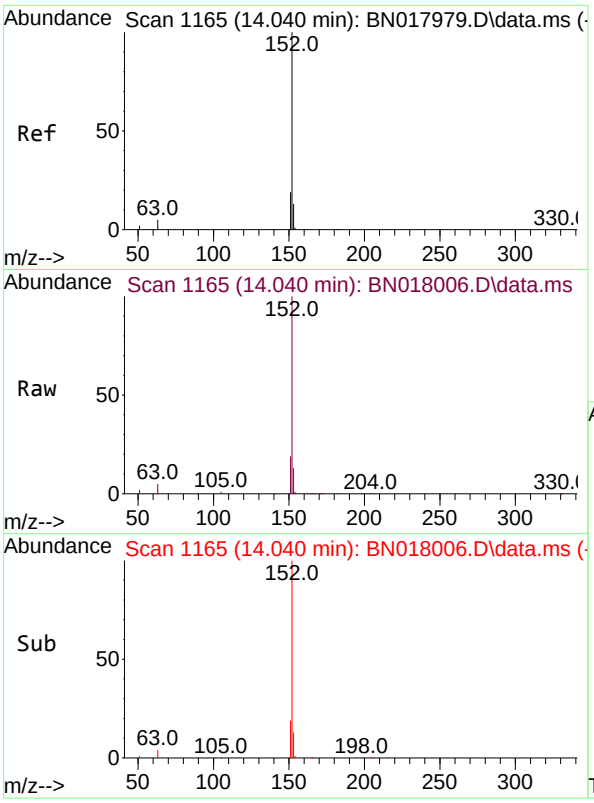


#15
2-Fluorobiphenyl
Concen: 0.378 ng
RT: 12.949 min Scan# 1079
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:172 Resp: 85713

Ion	Ratio	Lower	Upper
172	100		
171	33.3	27.4	41.0
170	21.8	18.4	27.6



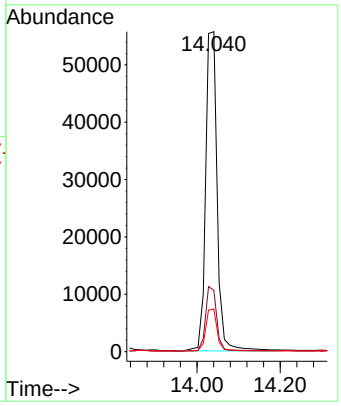


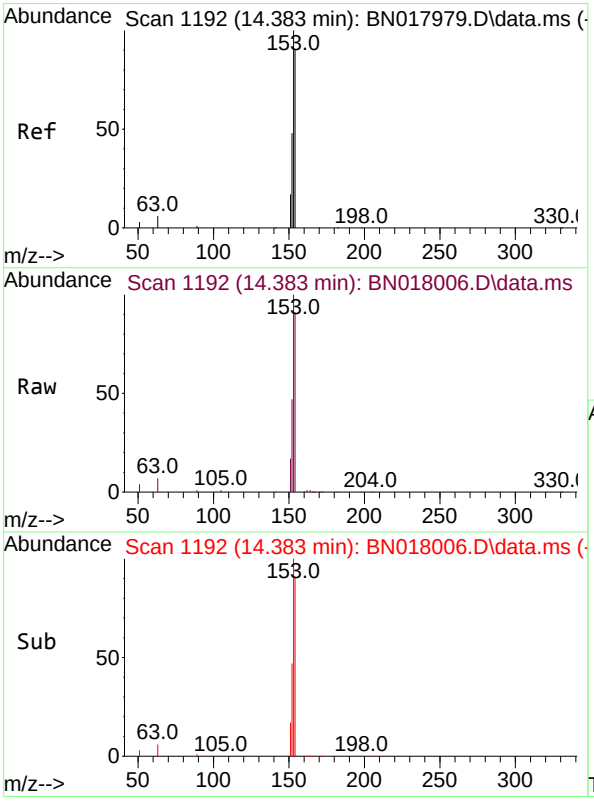
#16
Acenaphthylene
Concen: 0.396 ng
RT: 14.040 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:152 Resp: 106510

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	13.2	10.5	15.7

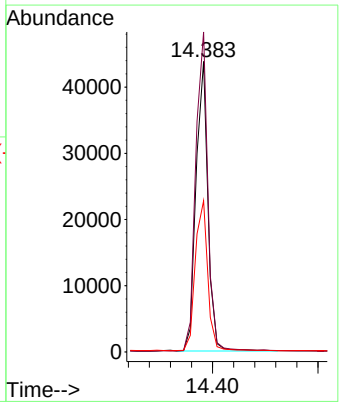


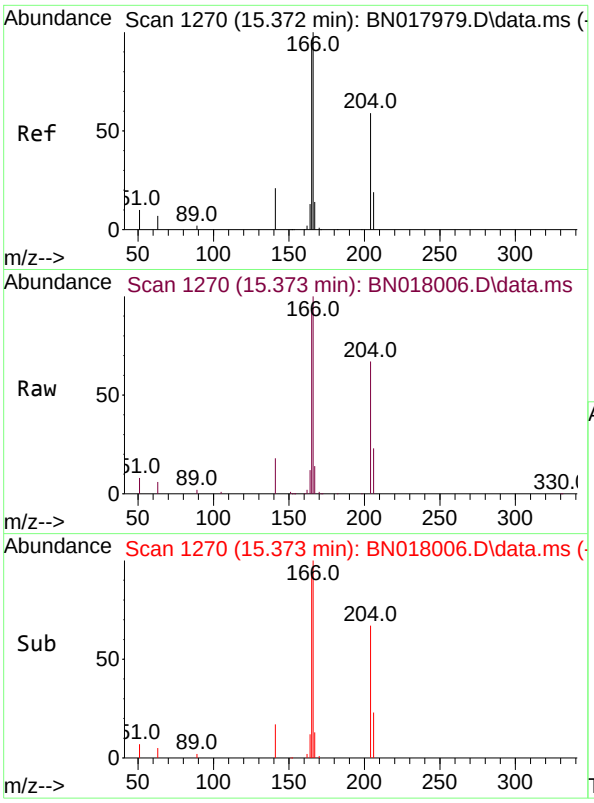


#17
Acenaphthene
Concen: 0.402 ng
RT: 14.383 min Scan# 1192
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:154 Resp: 68845

Ion	Ratio	Lower	Upper
154	100		
153	112.5	90.9	136.3
152	54.3	45.0	67.4



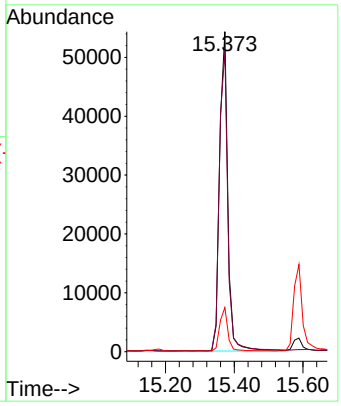


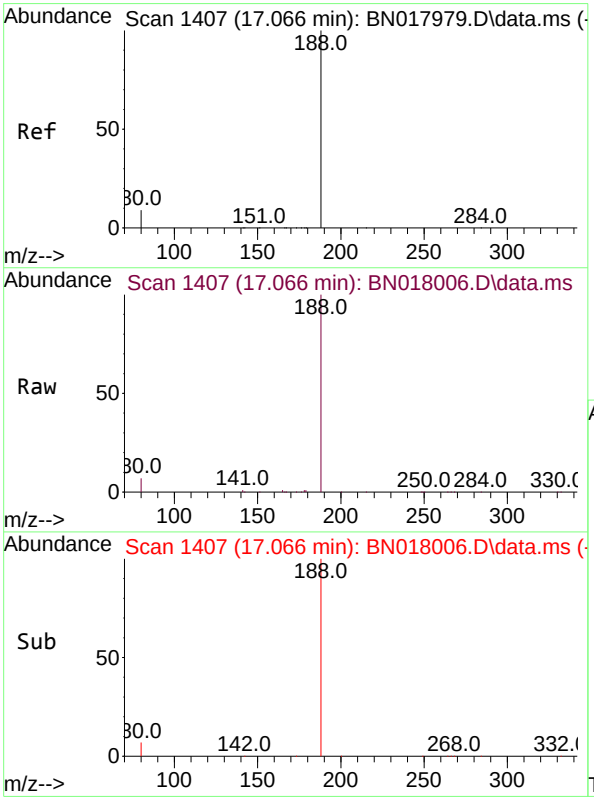
#18
Fluorene
Concen: 0.427 ng
RT: 15.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:166 Resp: 89833

Ion	Ratio	Lower	Upper
166	100		
165	96.6	77.8	116.6
167	13.5	10.9	16.3

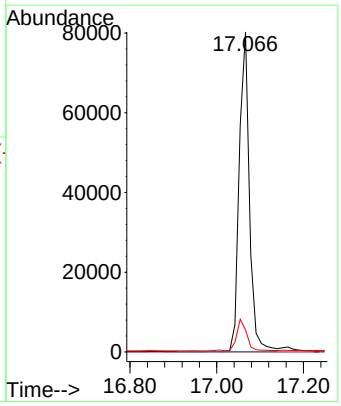


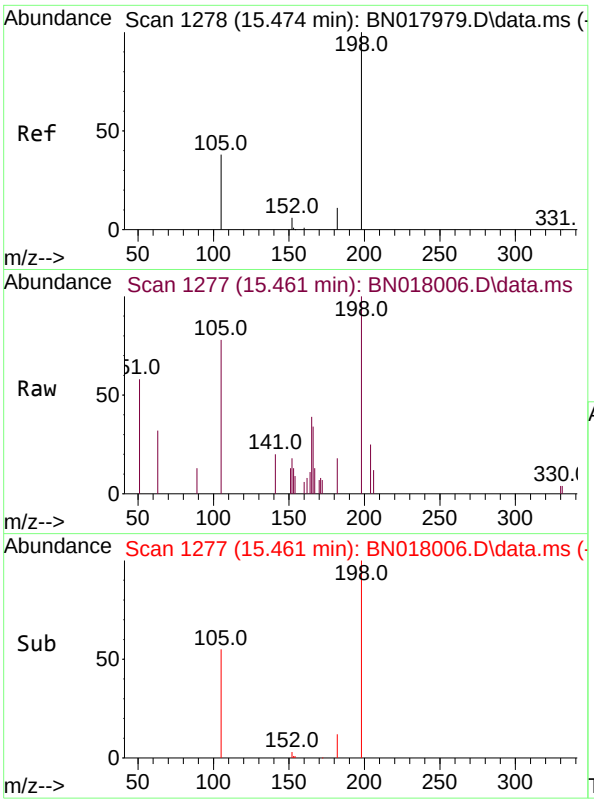


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.066 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:188 Resp: 129994

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.0	7.0	10.4



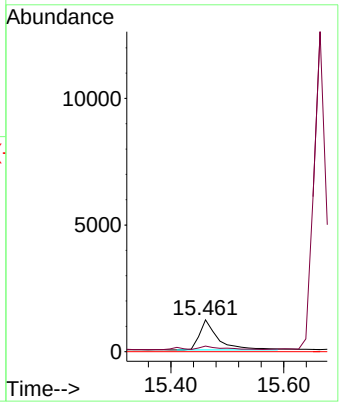


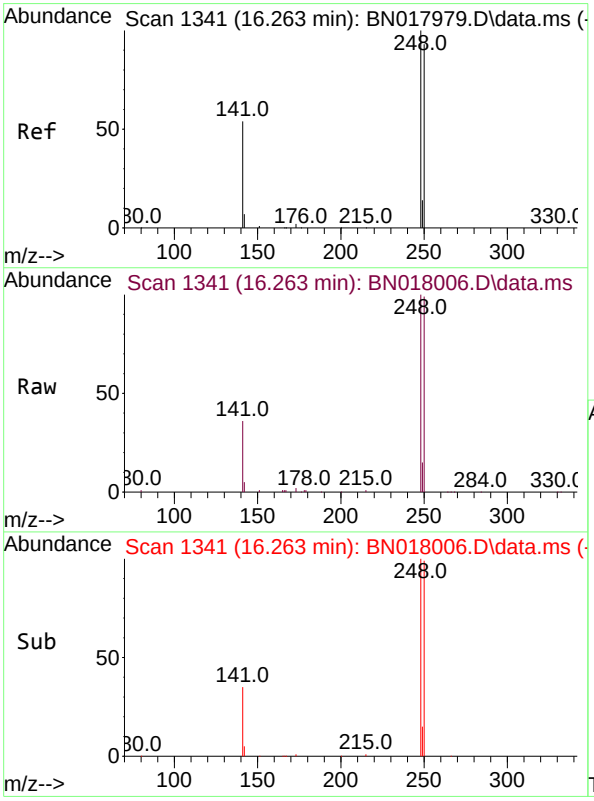
#20
4,6-Dinitro-2-methylphenol
Concen: 0.387 ng
RT: 15.461 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:198 Resp: 2716

Ion	Ratio	Lower	Upper
198	100		
182	17.8	15.5	23.3
77	0.0	0.0	0.0

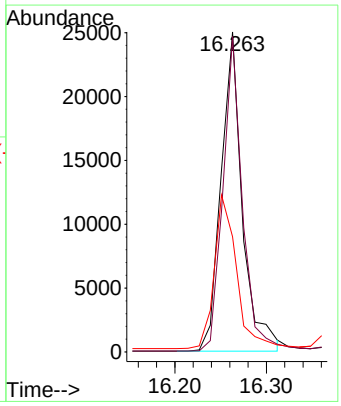


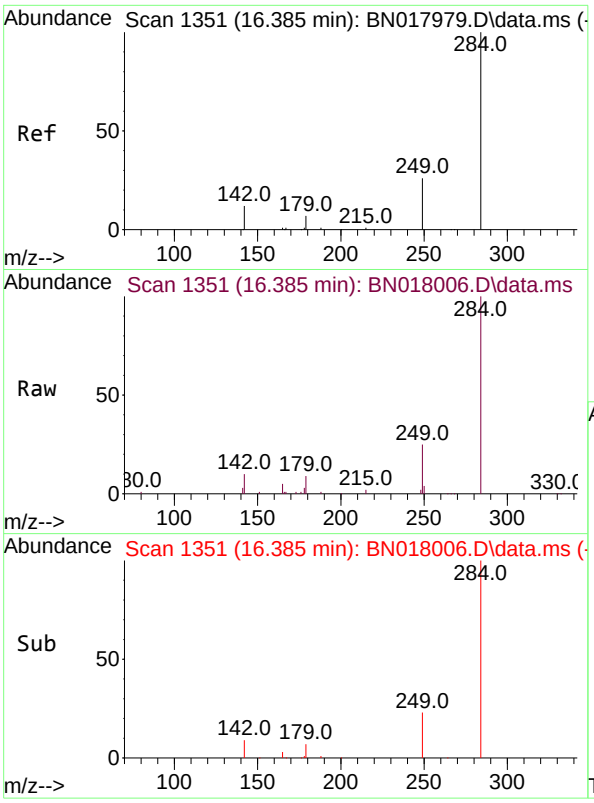


#21
4-Bromophenyl-phenylether
Concen: 0.512 ng
RT: 16.263 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:248 Resp: 40280

Ion	Ratio	Lower	Upper
248	100		
250	98.6	74.4	111.6
141	36.0	43.7	65.5#



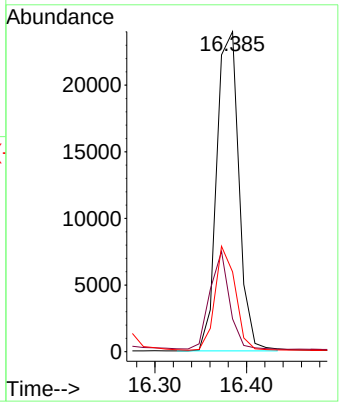


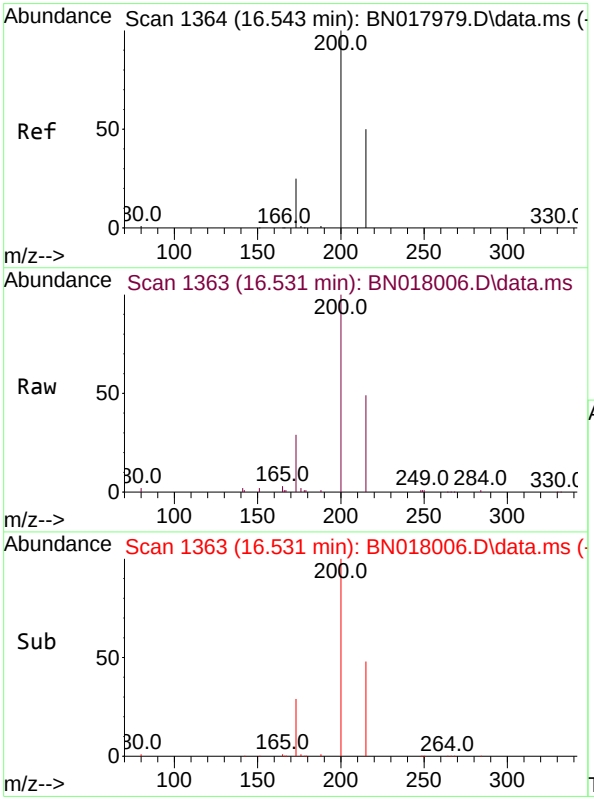
#22
Hexachlorobenzene
Concen: 0.429 ng
RT: 16.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:284 Resp: 40347

Ion	Ratio	Lower	Upper
284	100		
142	26.9	21.6	32.4
249	29.8	23.5	35.3

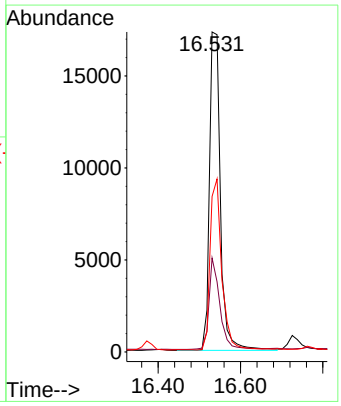


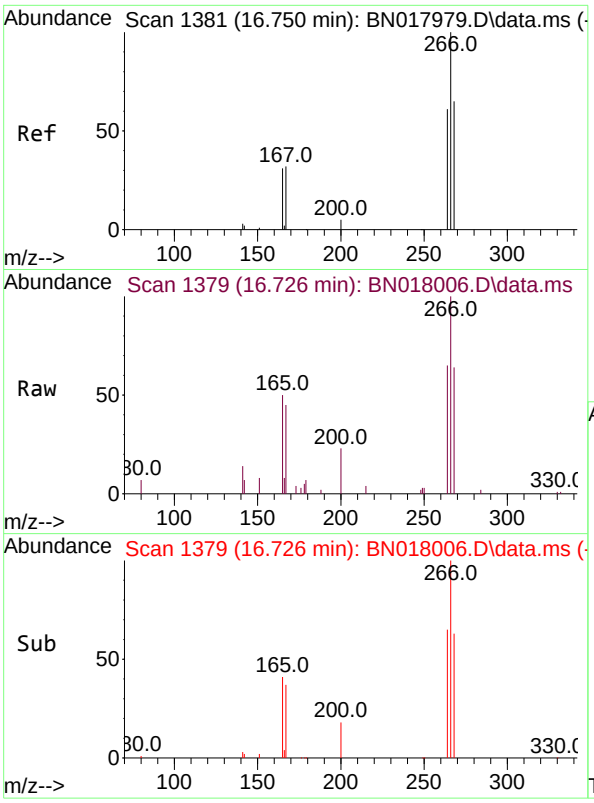


#23
Atrazine
Concen: 0.555 ng
RT: 16.531 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:200 Resp: 32114

Ion	Ratio	Lower	Upper
200	100		
173	29.4	20.3	30.5
215	48.6	40.4	60.6





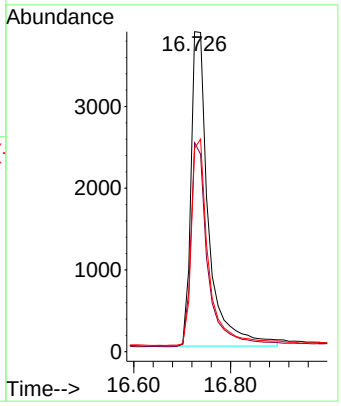
#24
Pentachlorophenol
Concen: 0.614 ng
RT: 16.726 min Scan# 1

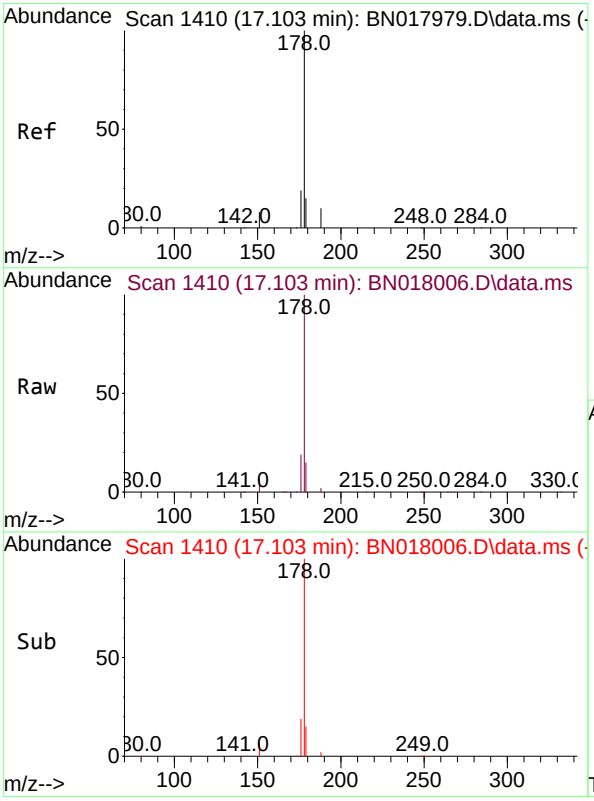
Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Delta R.T. -0.024 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:266 Resp: 9702

Ion	Ratio	Lower	Upper
266	100		
264	63.3	49.5	74.3
268	63.8	50.6	76.0

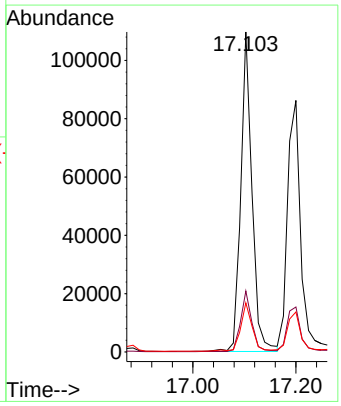


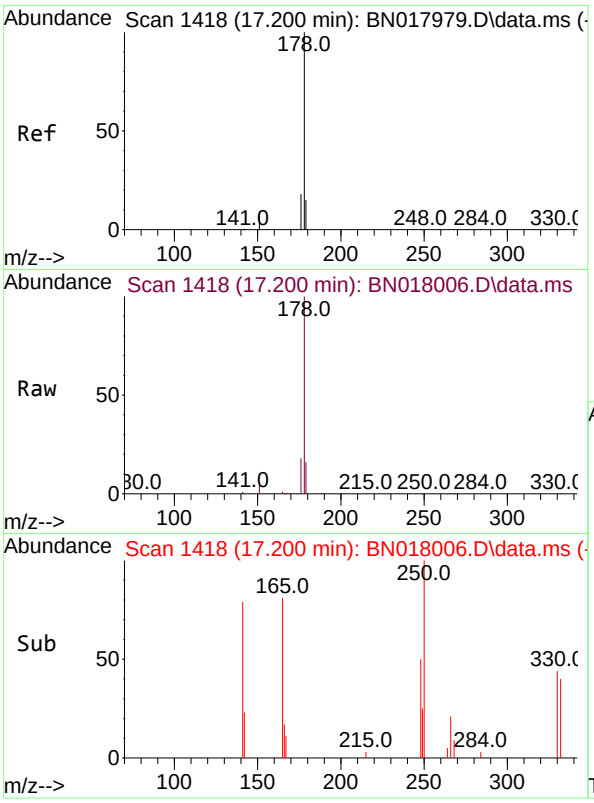


#25
Phenanthrene
Concen: 0.501 ng
RT: 17.103 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:178 Resp: 165834

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.7	12.3	18.5



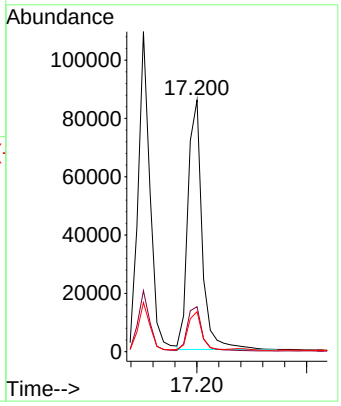


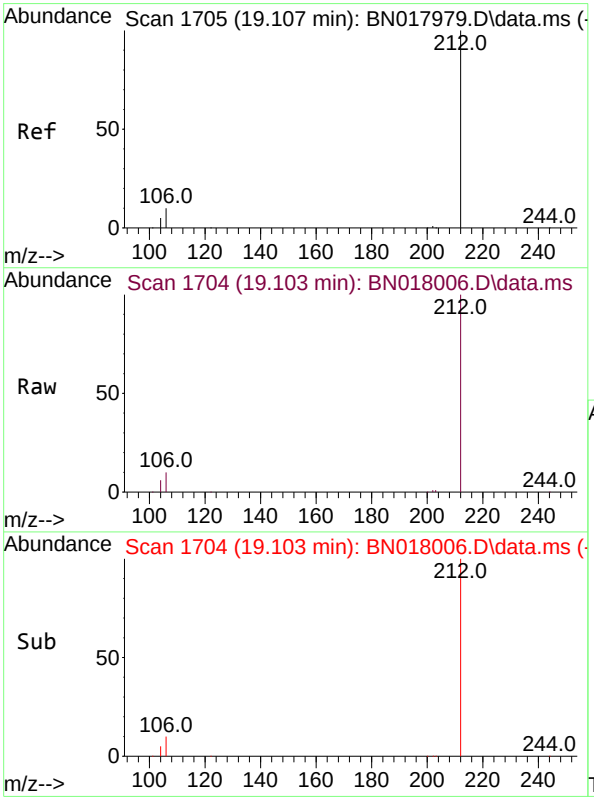
#26
Anthracene
Concen: 0.513 ng
RT: 17.200 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:178 Resp: 153281

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	14.5	12.2	18.4

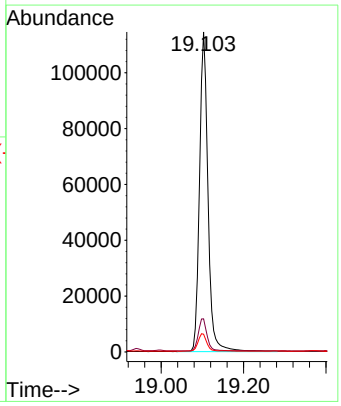


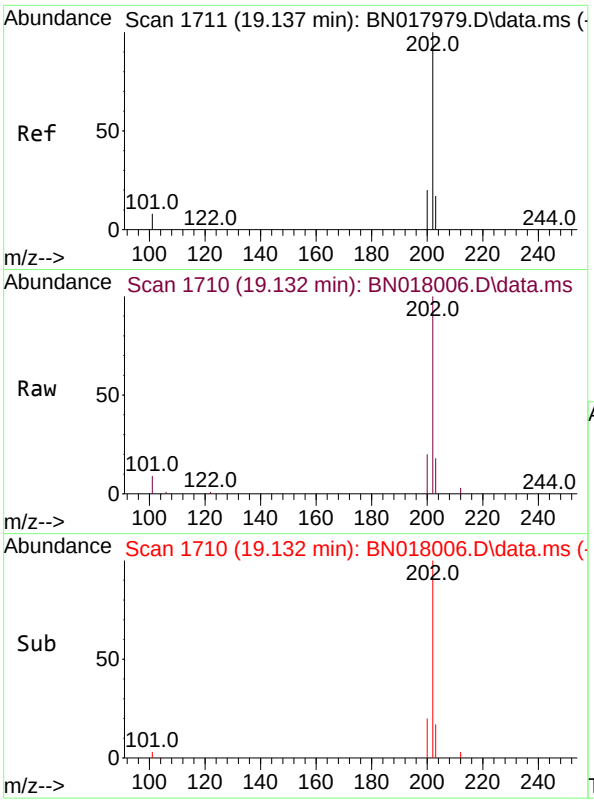


#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.103 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:212 Resp: 163174

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.4	12.6
104	5.7	4.5	6.7



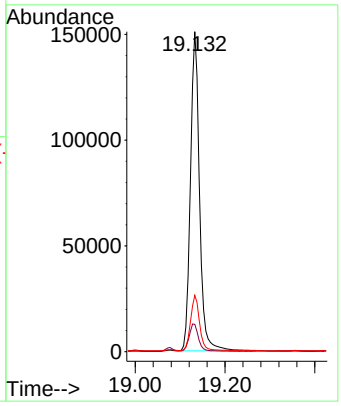


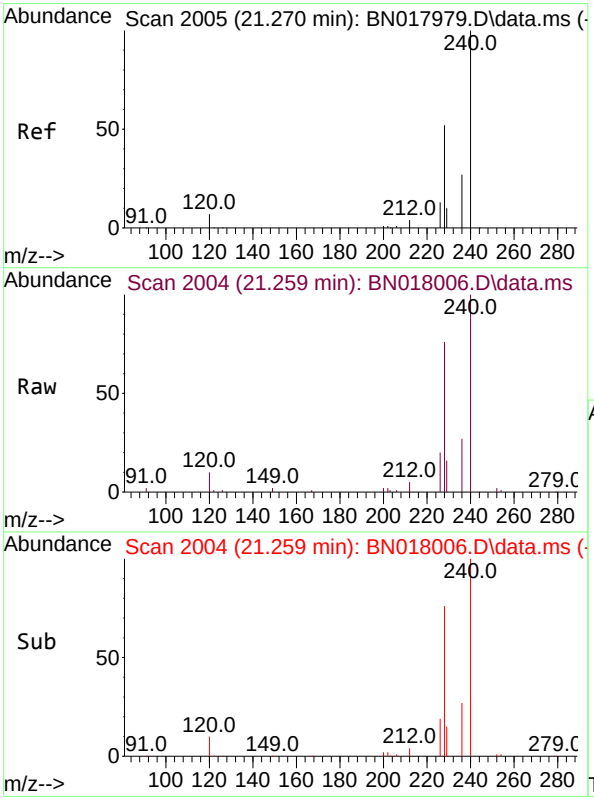
#28
Fluoranthene
Concen: 0.516 ng
RT: 19.132 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:202 Resp: 212858

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.2	10.8
203	17.1	13.7	20.5

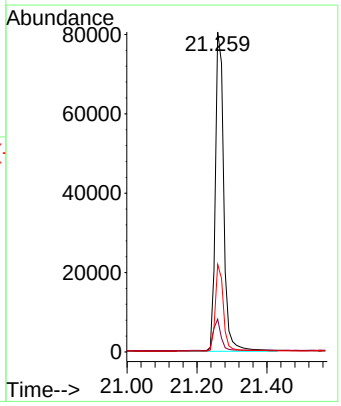


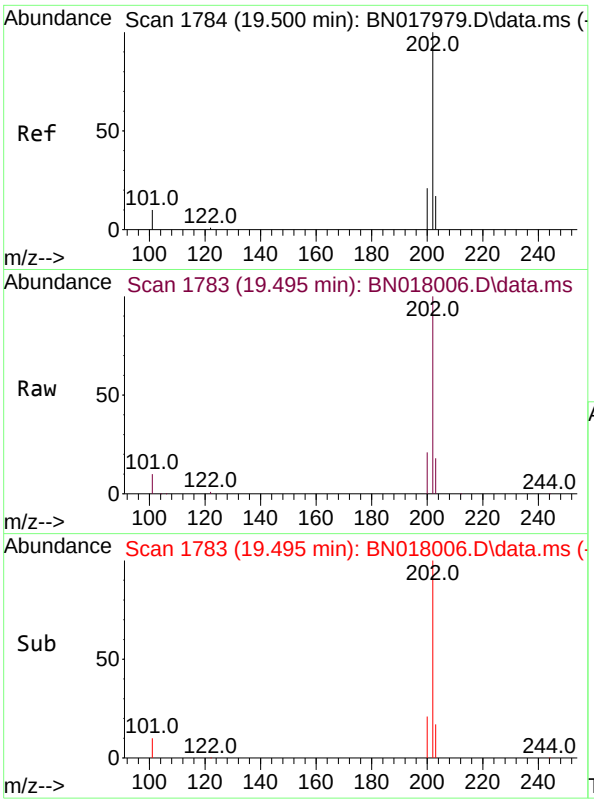


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.259 min Scan# 2004
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:240 Resp: 133079

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.0	9.0#
236	27.4	21.4	32.2



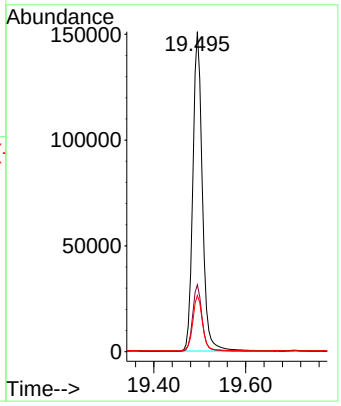


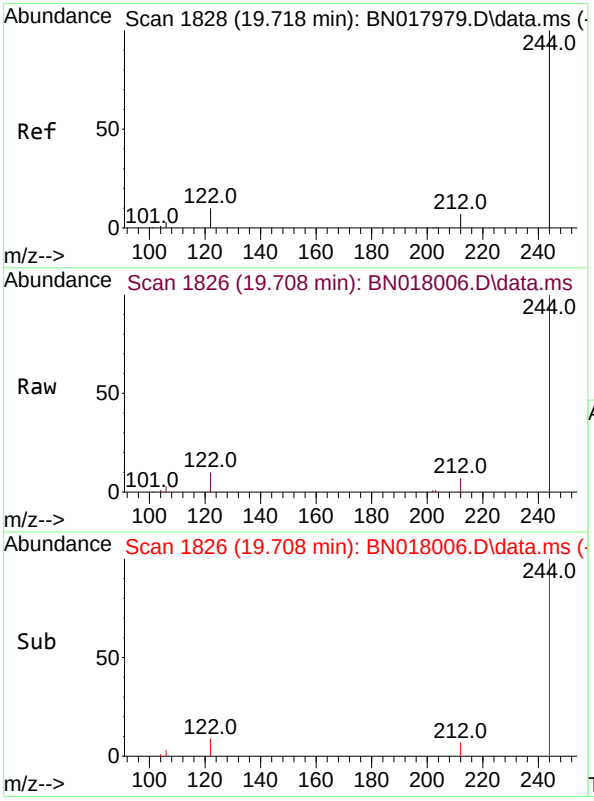
#30
Pyrene
Concen: 0.497 ng
RT: 19.495 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:202 Resp: 216997

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.6	25.0
203	17.7	14.1	21.1

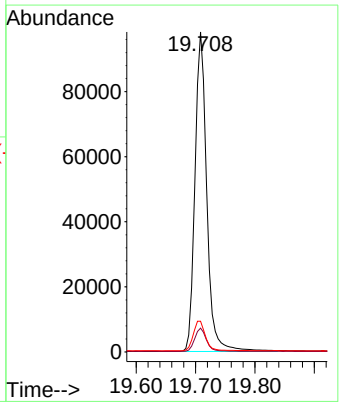


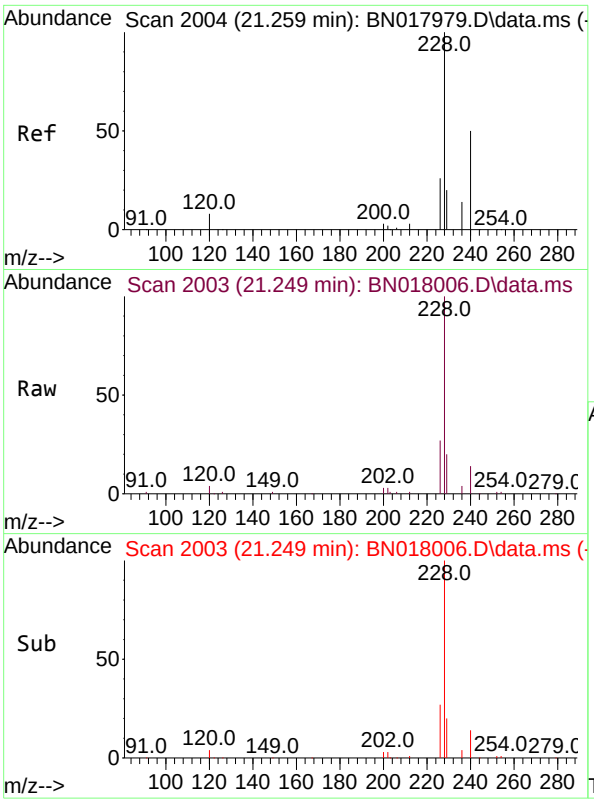


#31
Terphenyl-d14
Concen: 0.488 ng
RT: 19.708 min Scan# 1826
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:244 Resp: 135299

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	9.6	7.9	11.9



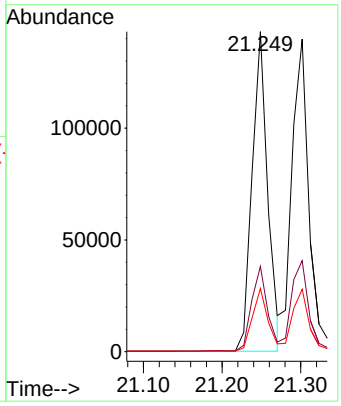


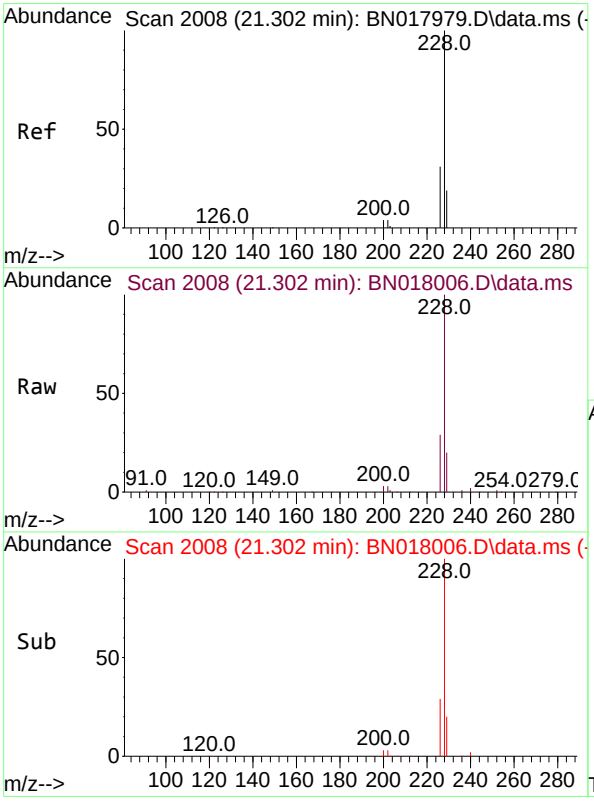
#32
Benzo(a)anthracene
Concen: 0.491 ng
RT: 21.249 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:228 Resp: 196625

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.3	31.9
229	19.8	15.9	23.9

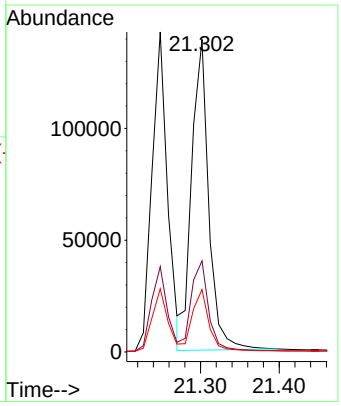


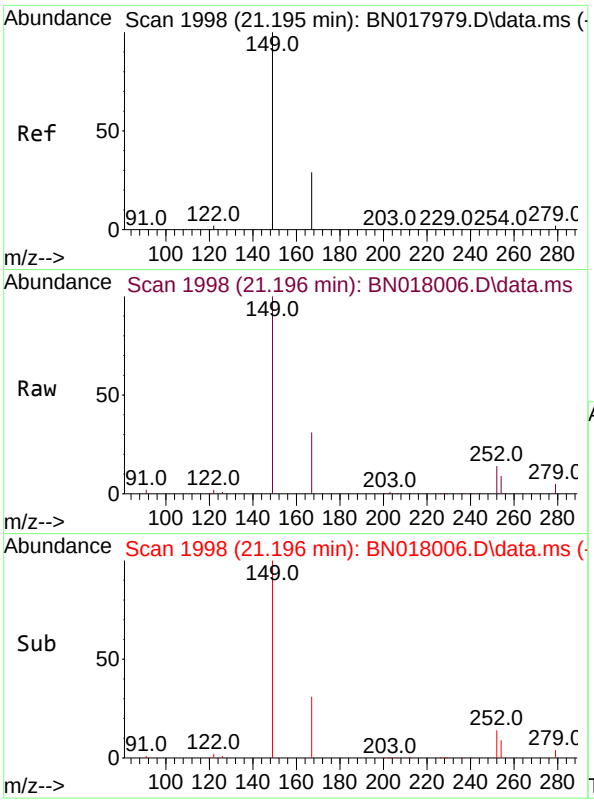


#33
Chrysene
Concen: 0.490 ng
RT: 21.302 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:228 Resp: 209115

Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.2	36.4
229	20.0	15.5	23.3



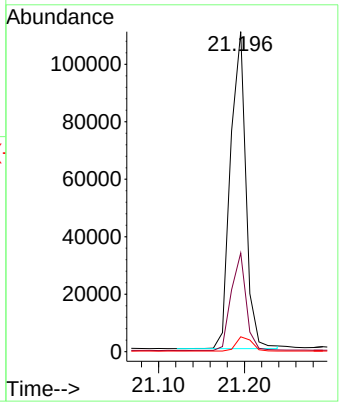


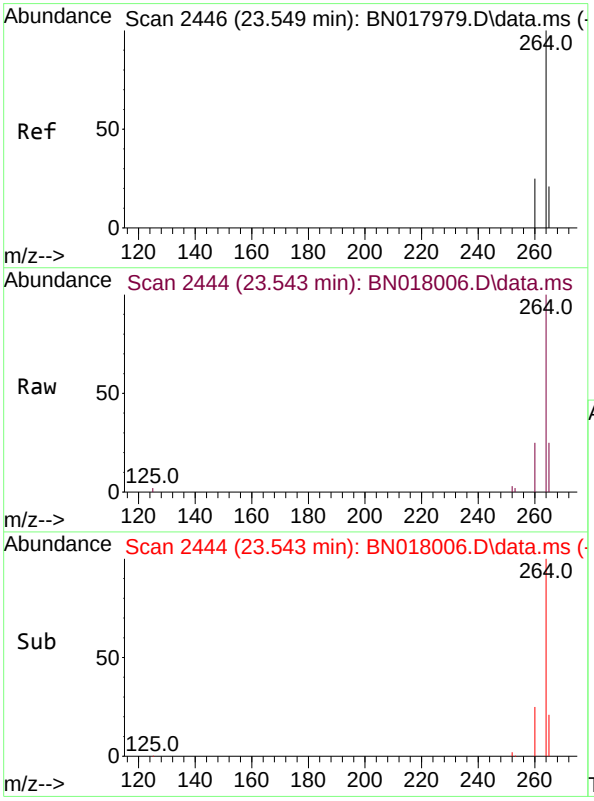
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.697 ng
RT: 21.196 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:149 Resp: 137064

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	4.7	3.6	5.4

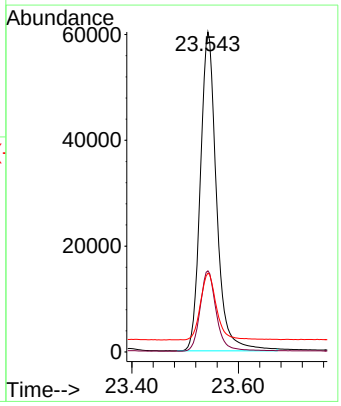


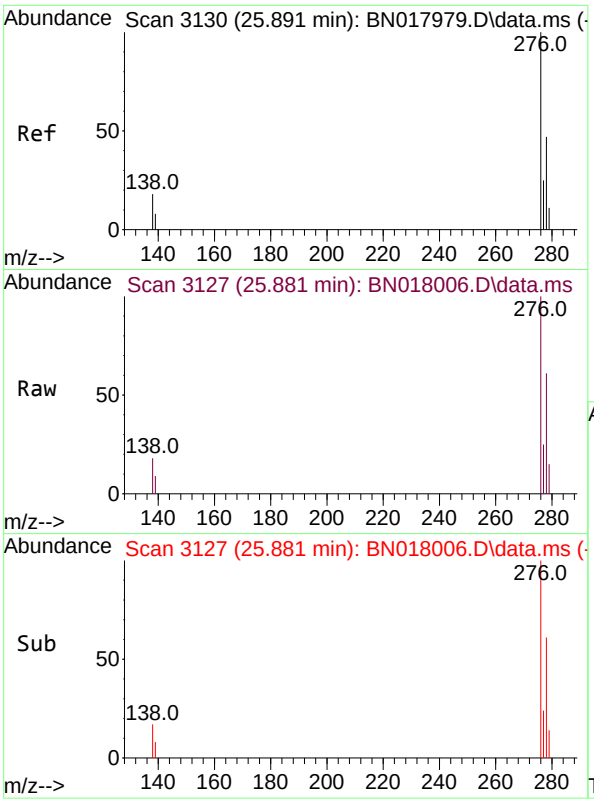


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.543 min Scan# 2444
Delta R.T. -0.007 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:264 Resp: 127158

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.2	30.4
265	24.6	18.2	27.2



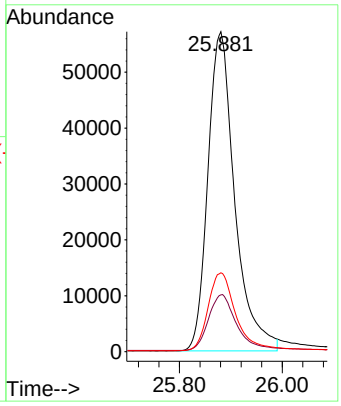


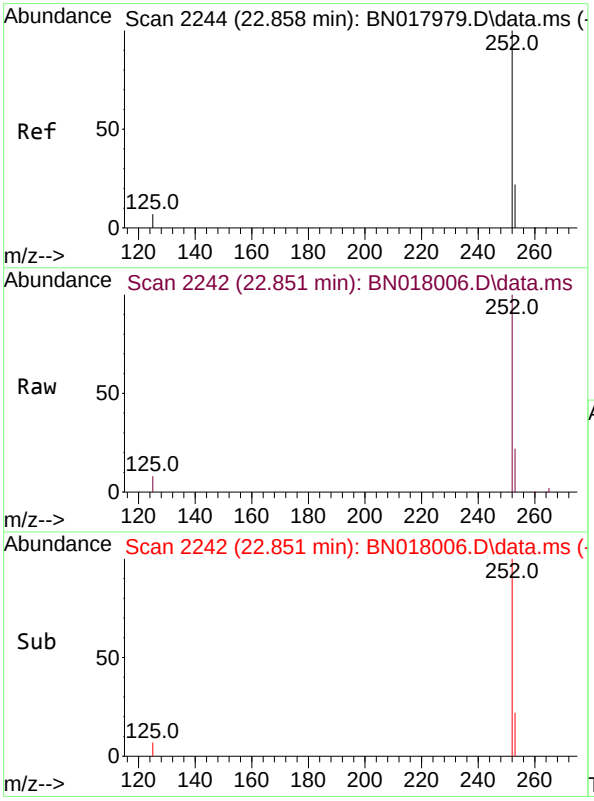
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.487 ng
RT: 25.881 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:276 Resp: 207318

Ion	Ratio	Lower	Upper
276	100		
138	18.3	14.9	22.3
277	25.0	19.9	29.9

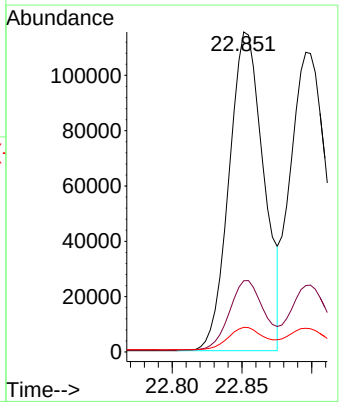


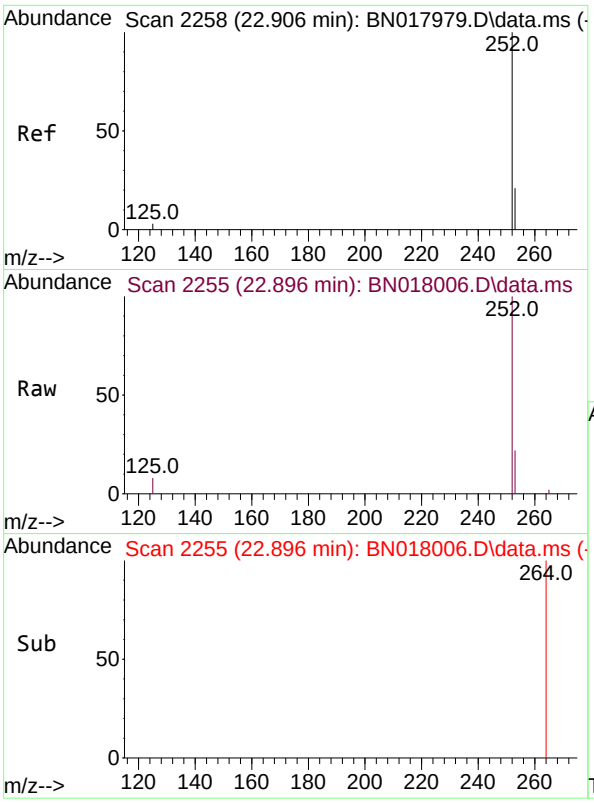


#37
Benzo(b)fluoranthene
Concen: 0.527 ng
RT: 22.851 min Scan# 2242
Delta R.T. -0.007 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:252 Resp: 199219

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.7	6.0	9.0



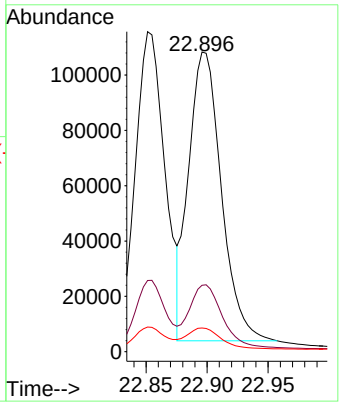


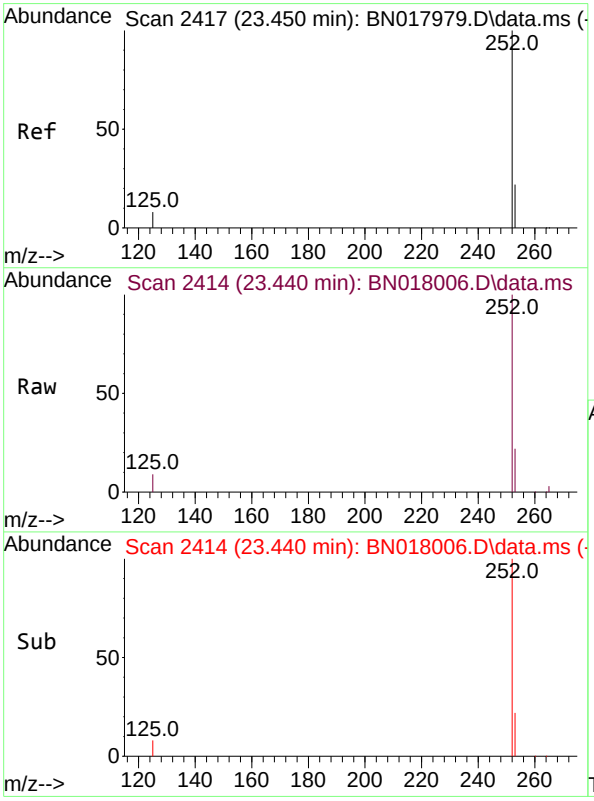
#38
Benzo(k)fluoranthene
Concen: 0.529 ng
RT: 22.896 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:252 Resp: 194812

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	7.9	6.2	9.2

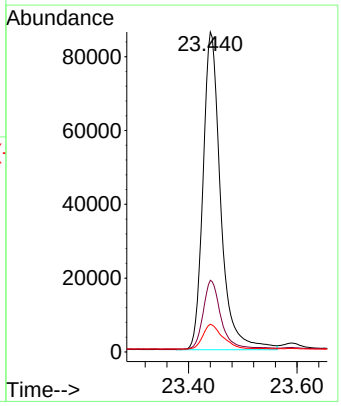


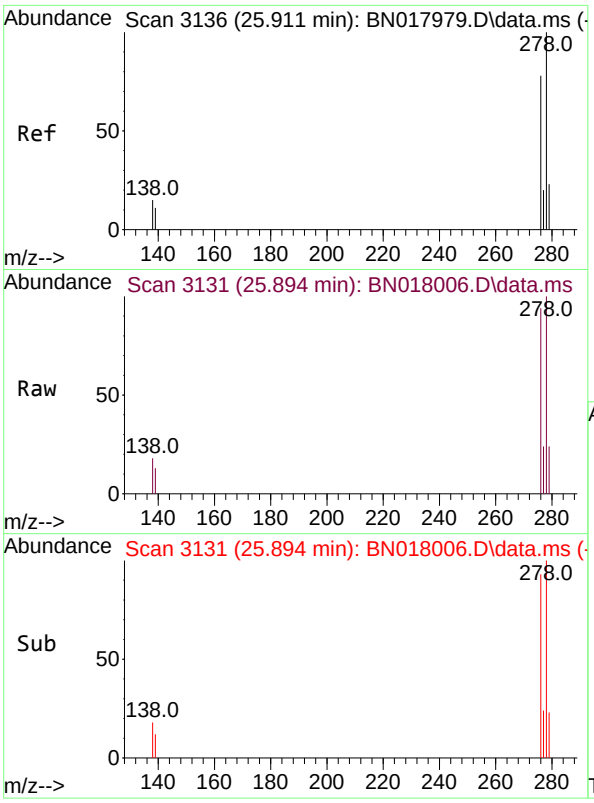


#39
Benzo(a)pyrene
Concen: 0.504 ng
RT: 23.440 min Scan# 2414
Delta R.T. -0.010 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:252 Resp: 193844

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	8.7	7.0	10.4



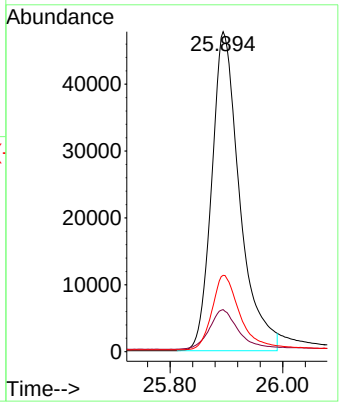


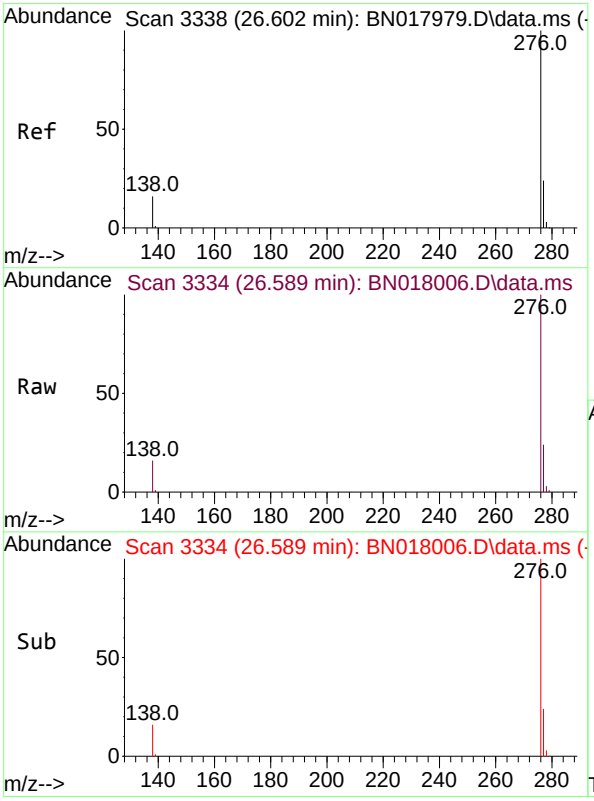
#40
Dibenzo(a,h)anthracene
Concen: 0.494 ng
RT: 25.894 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Instrument :
BNA_N
ClientSampleId :
RE137-20211204MS

Tgt Ion:278 Resp: 163979

Ion	Ratio	Lower	Upper
278	100		
139	13.2	10.8	16.2
279	23.9	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.460 ng
RT: 26.589 min Scan# 3334
Delta R.T. -0.013 min
Lab File: BN018006.D
Acq: 14 Dec 2021 16:30

Tgt Ion:276 Resp: 183218

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.0	28.6
138	16.0	12.6	19.0