Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017594.D
Acq On : 24 Nov 2021 23:52
Operator : CG/JU
Sample : PB141023BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Quant Time: Nov 26 06:05:21 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	7.745	152	24729	0.400	ng	0.00
7) Naphthalene-d8	10.535	136	106665	0.400	ng	0.00
13) Acenaphthene-d10	14.372	164	59402	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	117465	0.400	ng	0.00
29) Chrysene-d12	21.314	240	103164	0.400	ng	# 0.00
35) Perylene-d12	23.620	264	71071	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.339	112	22672	0.348	ng	0.00
5) Phenol-d6	6.916	99	25429	0.346	ng	0.00
8) Nitrobenzene-d5	8.887	82	15979	0.284	ng	0.00
11) 2-Methylnaphthalene-d10	12.120	152	65535	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.869	330	8878	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.002	172	82435	0.359	ng	0.00
27) Fluoranthene-d10	19.154	212	133538	0.338	ng	0.00
31) Terphenyl-d14	19.755	244	87791	0.363	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.301	88	4558	0.379	ng	# 100
3) n-Nitrosodimethylamine	3.624	42	8486	0.346	ng	# 66
6) bis(2-Chloroethyl)ether	7.174	93	26302	0.363	ng	100
9) Naphthalene	10.573	128	96520	0.360	ng	99
10) Hexachlorobutadiene	10.877	225	23812	0.353	ng	# 99
12) 2-Methylnaphthalene	12.196	142	64287	0.362	ng	100
16) Acenaphthylene	14.093	152	82926	0.330	ng	100
17) Acenaphthene	14.435	154	56721	0.352	ng	99
18) Fluorene	15.425	166	70707	0.348	ng	100
20) 4,6-Dinitro-2-methylph...	15.501	198	175	0.314	ng	89
21) 4-Bromophenyl-phenylether	16.313	248	25524	0.348	ng	# 92
22) Hexachlorobenzene	16.435	284	31223	0.369	ng	100
23) Atrazine	16.581	200	12178	0.347	ng	# 94
24) Pentachlorophenol	16.776	266	6269	0.269	ng	99
25) Phenanthrene	17.153	178	116692	0.365	ng	100
26) Anthracene	17.250	178	100681	0.344	ng	100
28) Fluoranthene	19.184	202	137499	0.357	ng	100
30) Pyrene	19.546	202	135770	0.367	ng	100
32) Benzo(a)anthracene	21.293	228	118320	0.345	ng	99
33) Chrysene	21.346	228	119603	0.354	ng	99
34) Bis(2-ethylhexyl)phtha...	21.240	149	30627	0.324	ng	100
36) Indeno(1,2,3-cd)pyrene	25.992	276	50325	0.332	ng	94
37) Benzo(b)fluoranthene	22.921	252	95806	0.349	ng	100
38) Benzo(k)fluoranthene	22.969	252	93898	0.361	ng	99
39) Benzo(a)pyrene	23.517	252	73311	0.335	ng	100
40) Dibenzo(a,h)anthracene	26.016	278	41243	0.323	ng	98
41) Benzo(g,h,i)perylene	26.714	276	38189	0.338	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112521\
Data File : BN017594.D
Acq On : 24 Nov 2021 23:52
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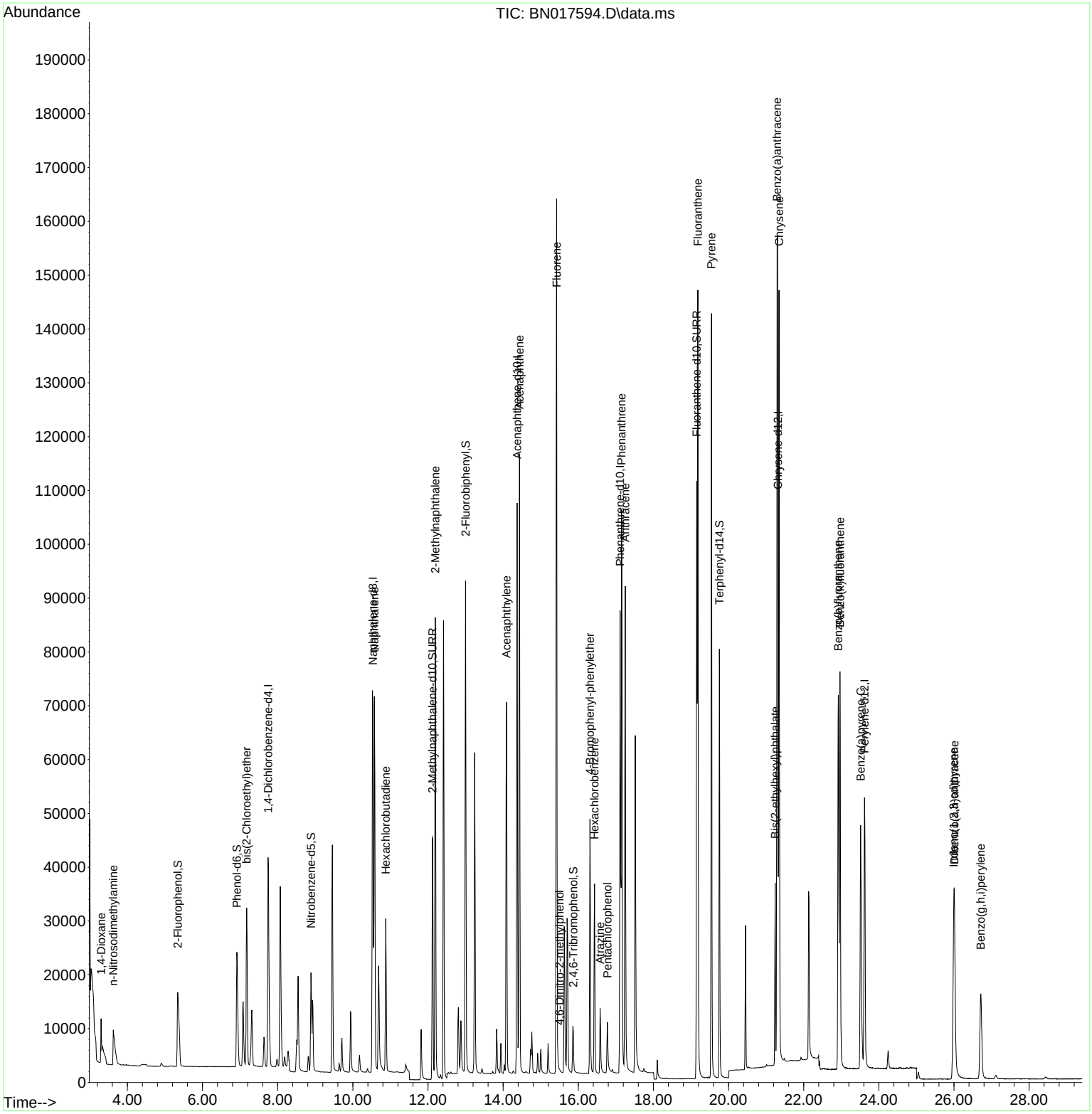
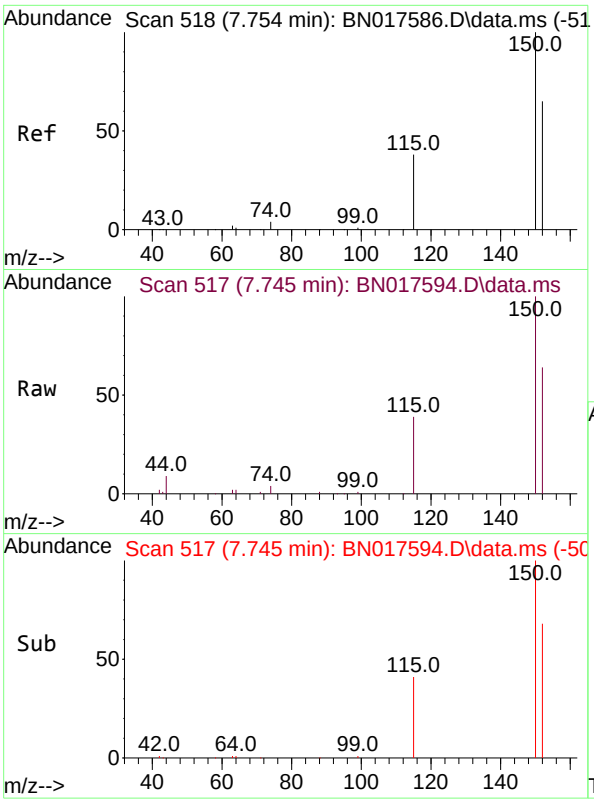
Sample : PB141023BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Quant Time: Nov 26 06:05:21 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



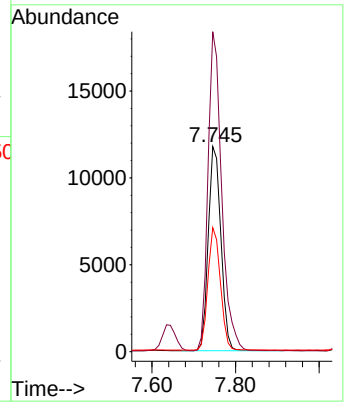


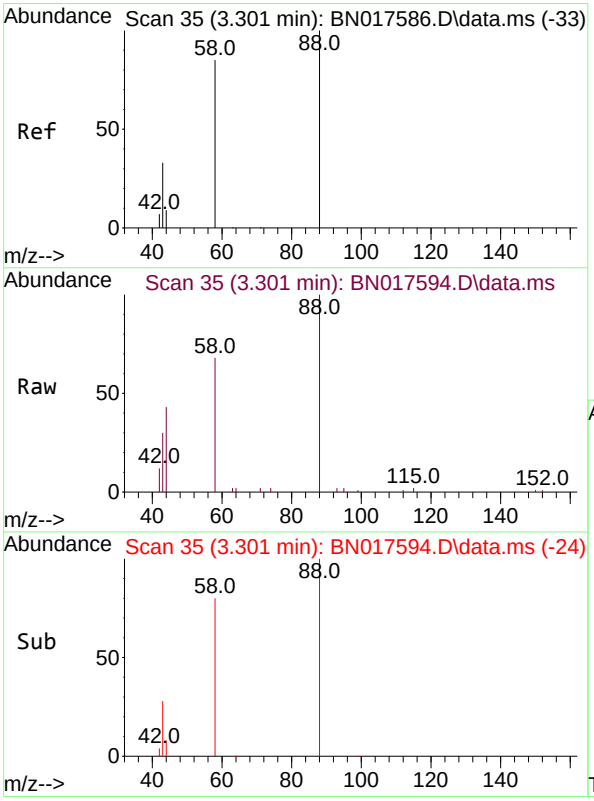
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.745 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:152 Resp: 24729

Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.5	183.7
115	60.5	47.0	70.4

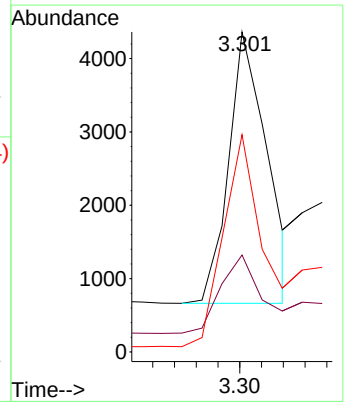


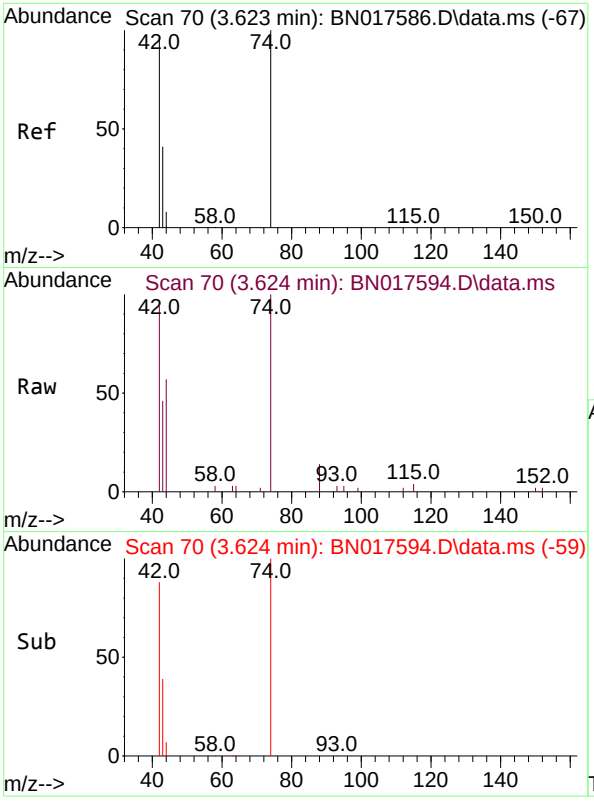


#2
1,4-Dioxane
Concen: 0.379 ng
RT: 3.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion: 88 Resp: 4558

Ion	Ratio	Lower	Upper
88	100		
43	31.5	0.0	0.0#
58	80.5	0.0	0.0#



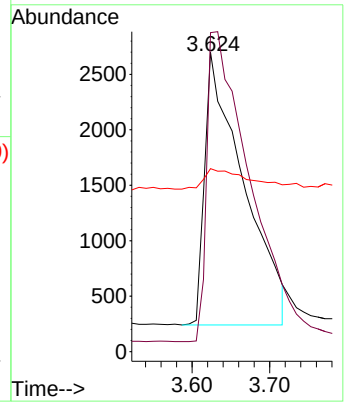


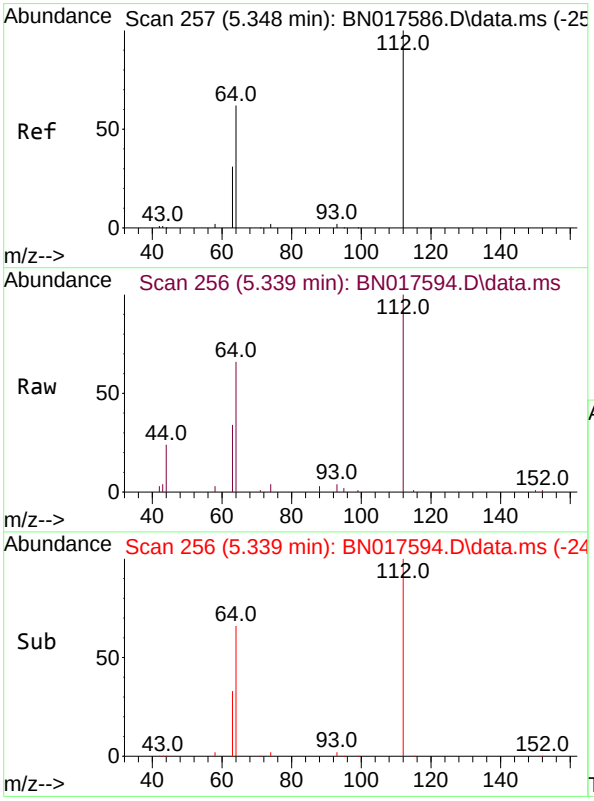
#3
n-Nitrosodimethylamine
Concen: 0.346 ng
RT: 3.624 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion: 42 Resp: 8486

Ion	Ratio	Lower	Upper
42	100		
74	122.9	72.1	108.1#
44	8.3	2.6	4.0#

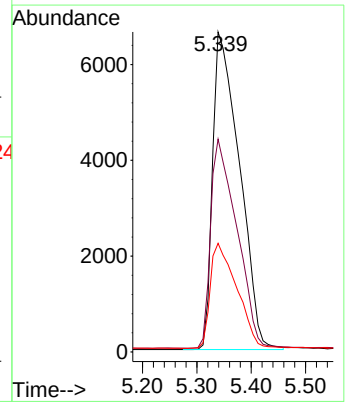


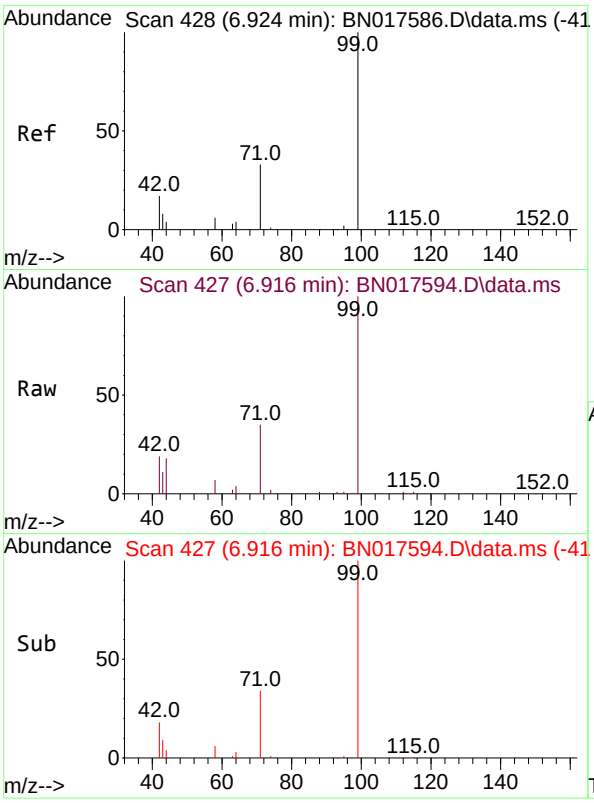


#4
2-Fluorophenol
Concen: 0.348 ng
RT: 5.339 min Scan# 256
Delta R.T. -0.009 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:112 Resp: 22672

Ion	Ratio	Lower	Upper
112	100		
64	64.4	51.5	77.3
63	33.0	26.6	39.8



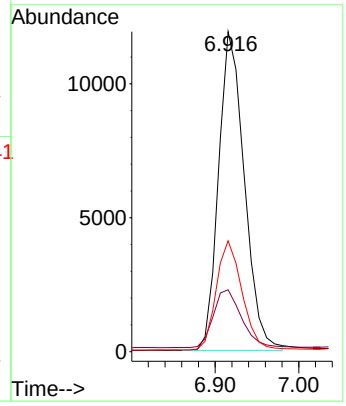


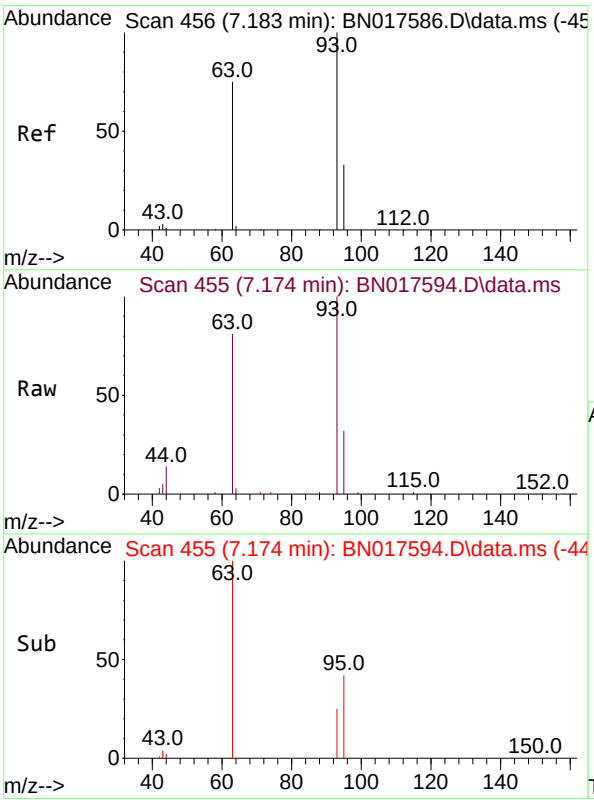
#5
Phenol-d6
Concen: 0.346 ng
RT: 6.916 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion: 99 Resp: 25429

Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.2	24.2
71	34.2	27.6	41.4

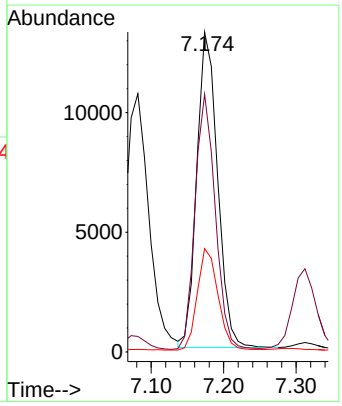


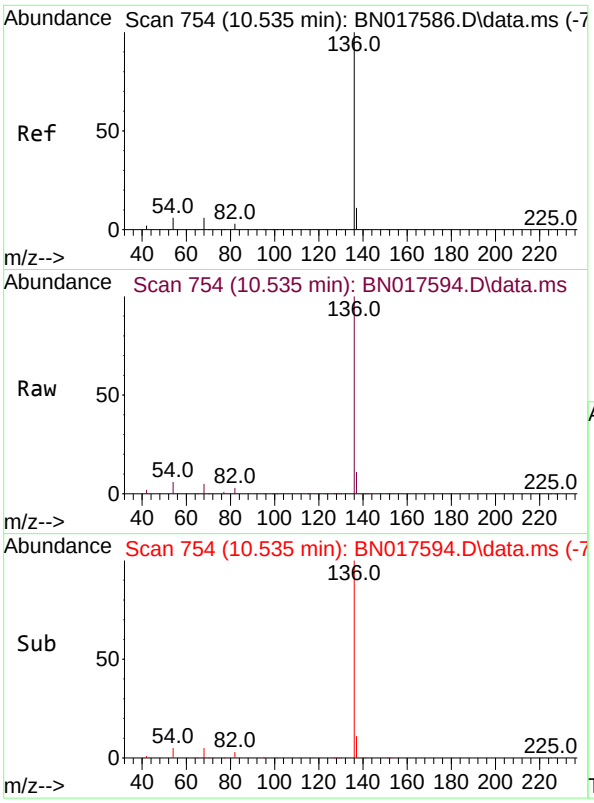


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.174 min Scan# 455
Delta R.T. -0.009 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion: 93 Resp: 26302

Ion	Ratio	Lower	Upper
93	100		
63	78.7	63.0	94.6
95	32.0	25.6	38.4



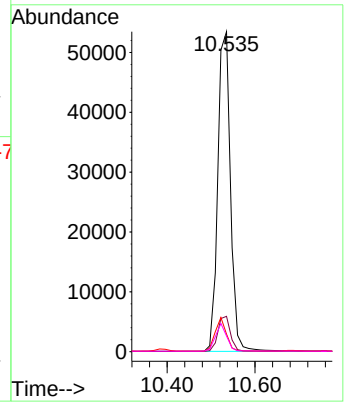


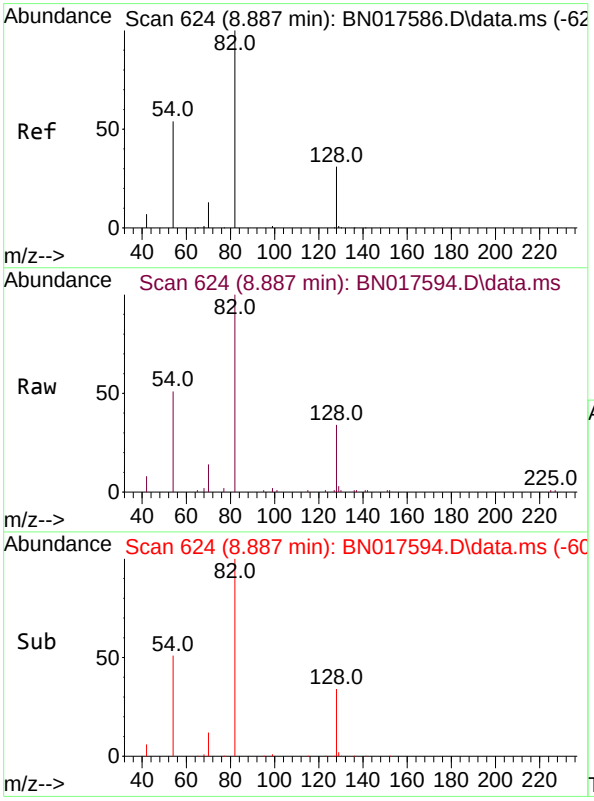
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.535 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:136 Resp: 106665

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	5.5	5.2	7.8
68	4.9	4.6	6.8

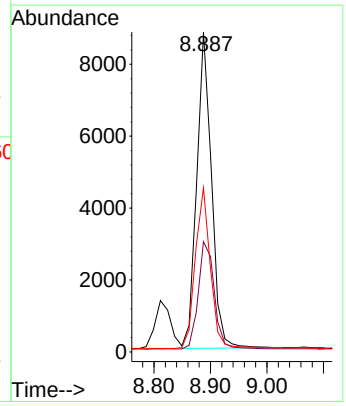


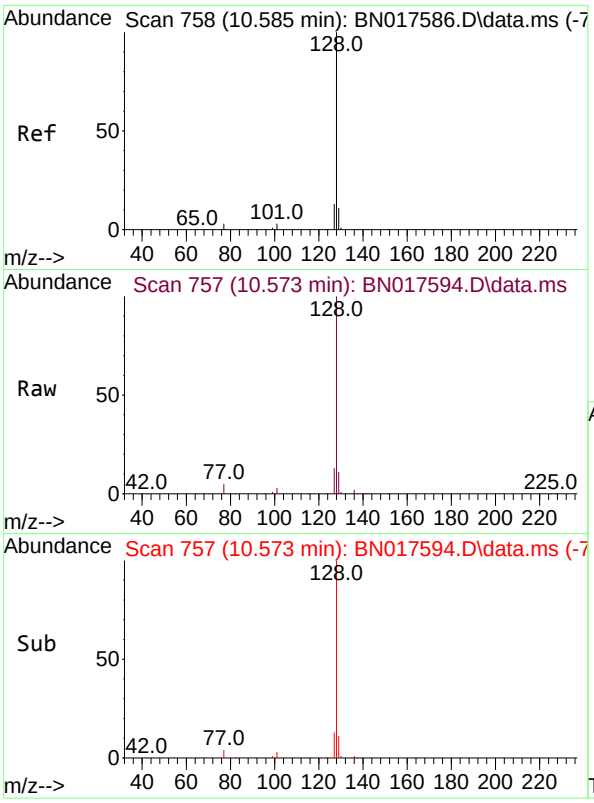


#8
Nitrobenzene-d5
Concen: 0.284 ng
RT: 8.887 min Scan# 624
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion: 82 Resp: 15979

Ion	Ratio	Lower	Upper
82	100		
128	34.5	25.3	37.9
54	51.3	43.7	65.5



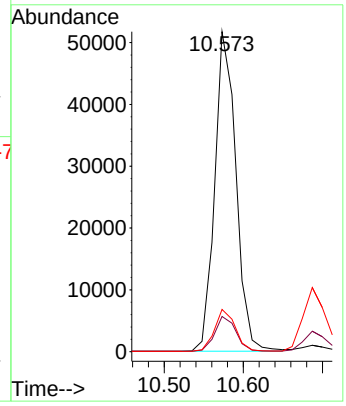


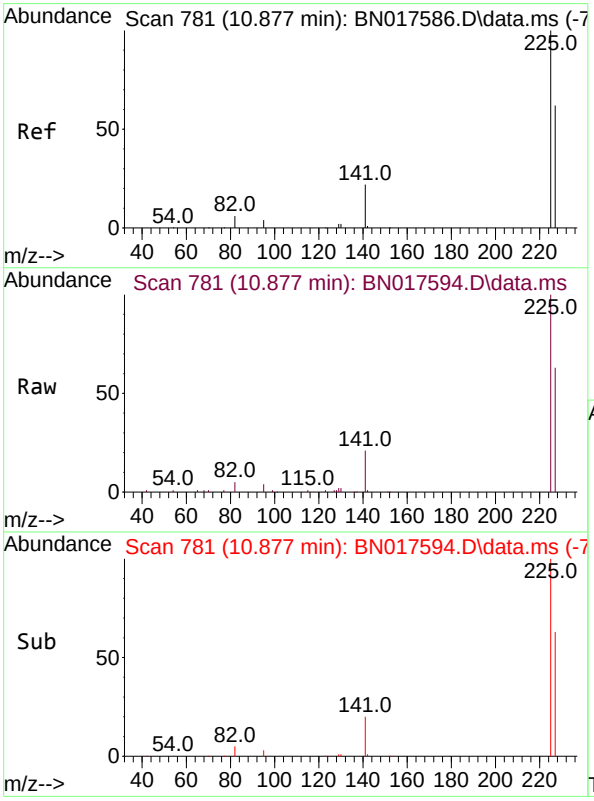
#9
Naphthalene
Concen: 0.360 ng
RT: 10.573 min Scan# 7
Delta R.T. -0.012 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:128 Resp: 96520

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

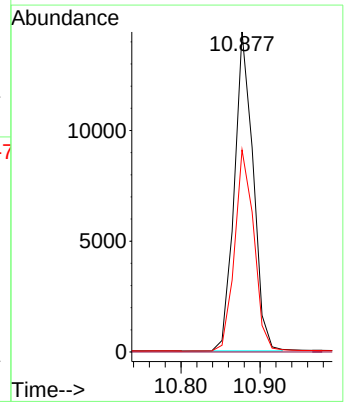


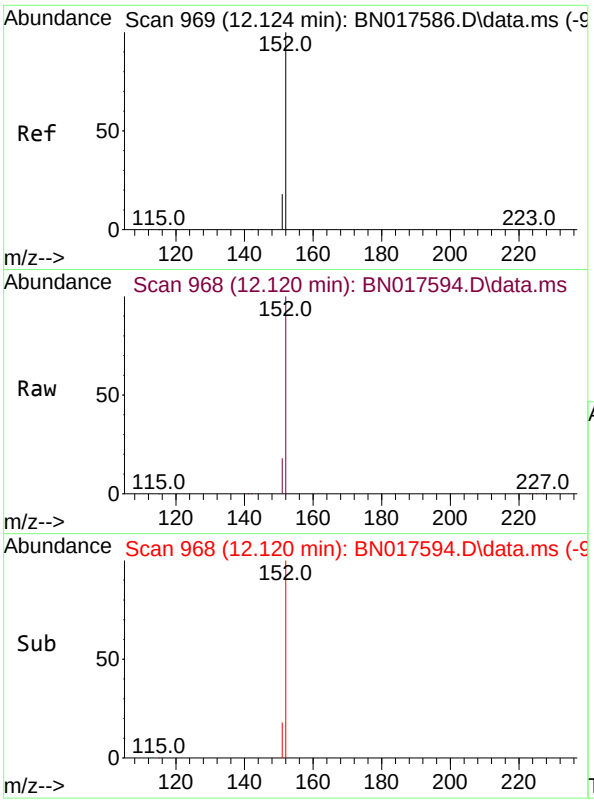


#10
Hexachlorobutadiene
Concen: 0.353 ng
RT: 10.877 min Scan# 781
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:225 Resp: 23812

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.1	76.7



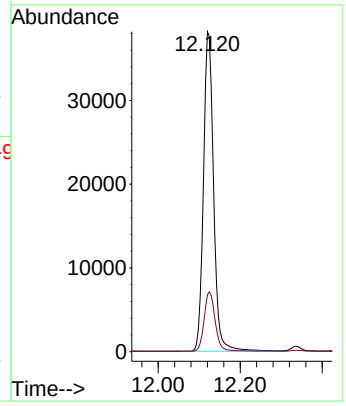


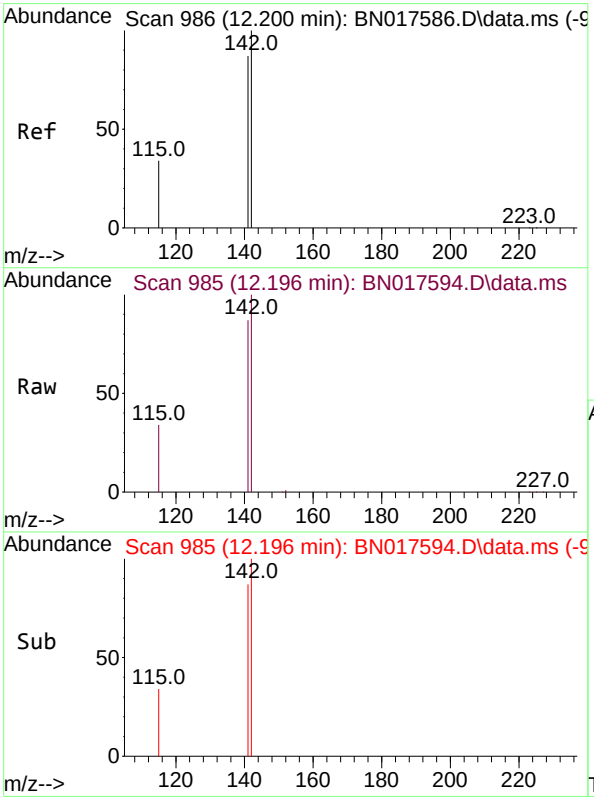
#11
2-Methylnaphthalene-d10
Concen: 0.355 ng
RT: 12.120 min Scan# 9
Delta R.T. -0.004 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:152 Resp: 65535

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.4

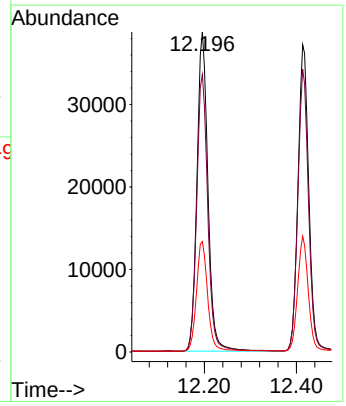


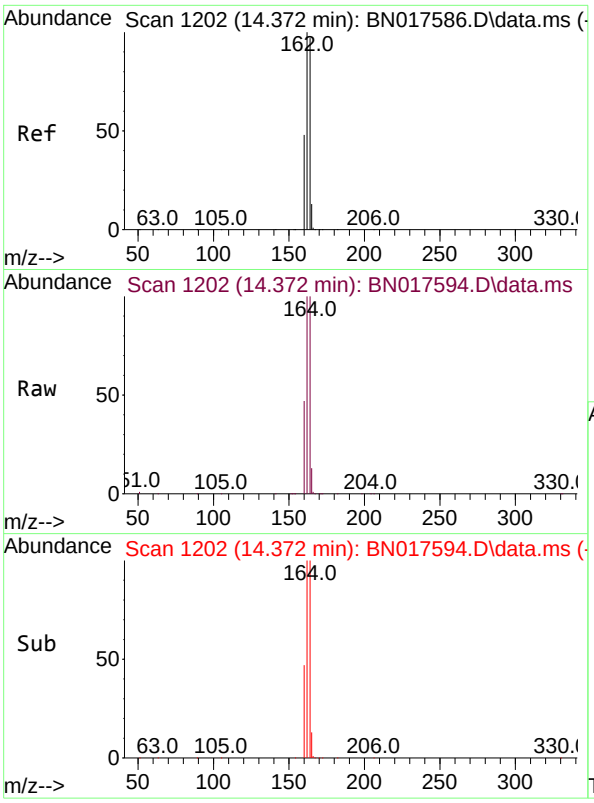


#12
2-Methylnaphthalene
Concen: 0.362 ng
RT: 12.196 min Scan# 985
Delta R.T. -0.004 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:142 Resp: 64287

Ion	Ratio	Lower	Upper
142	100		
141	86.7	69.4	104.0
115	34.5	27.8	41.6



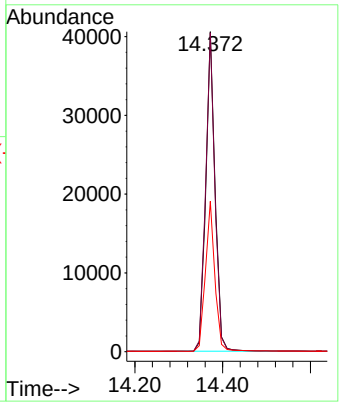


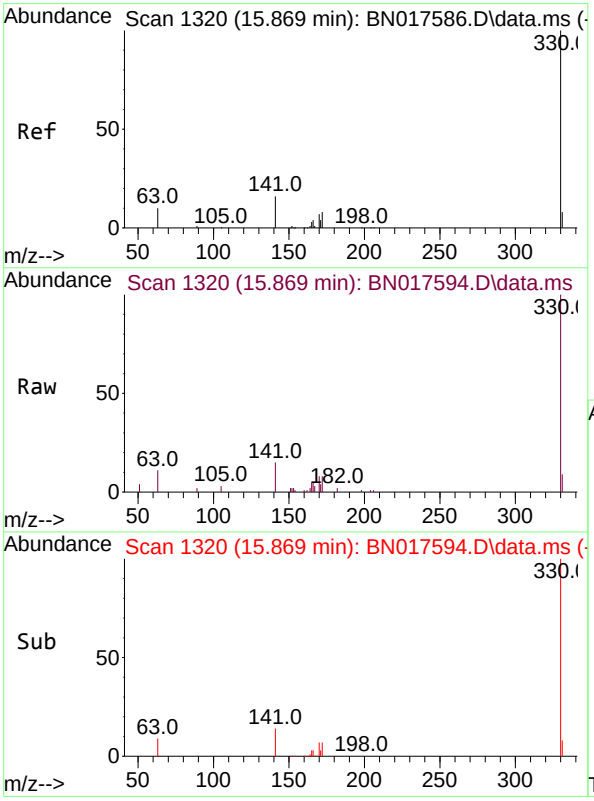
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.372 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:164 Resp: 59402

Ion	Ratio	Lower	Upper
164	100		
162	99.6	82.5	123.7
160	47.0	39.6	59.4

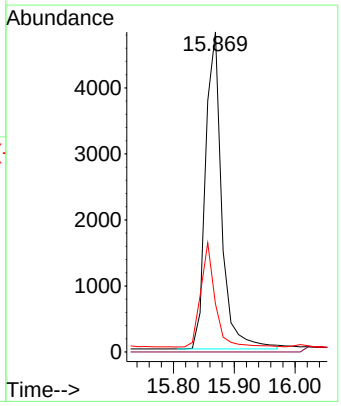


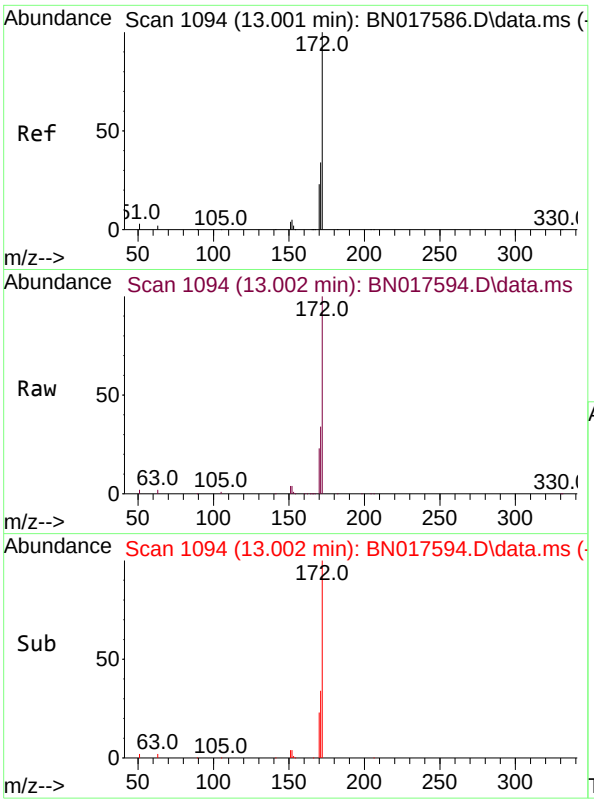


#14
2,4,6-Tribromophenol
Concen: 0.290 ng
RT: 15.869 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:330 Resp: 8878

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.5	24.1	36.1



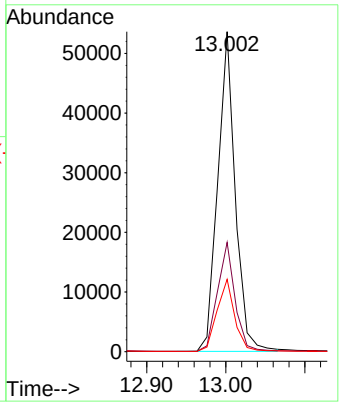


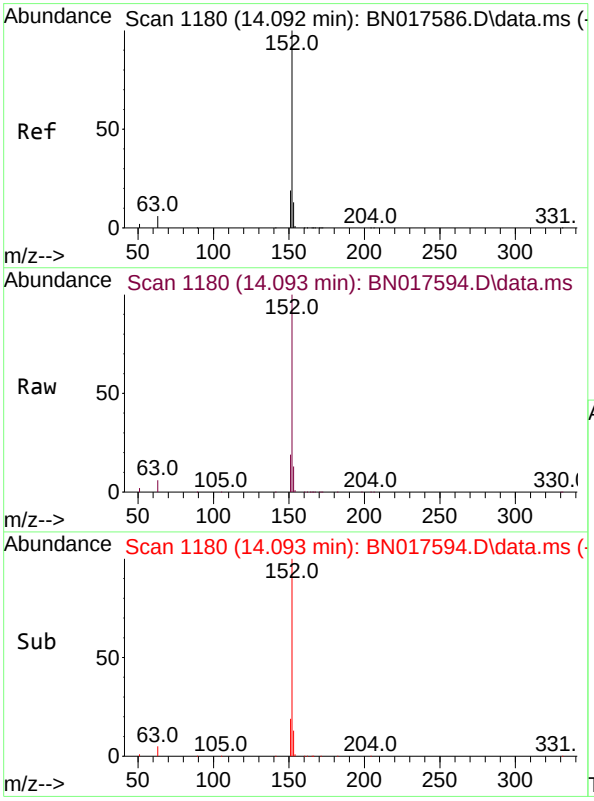
#15
2-Fluorobiphenyl
Concen: 0.359 ng
RT: 13.002 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:172 Resp: 82435

Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.6	41.4
170	22.6	18.3	27.5

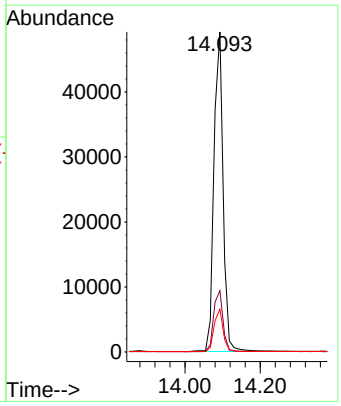


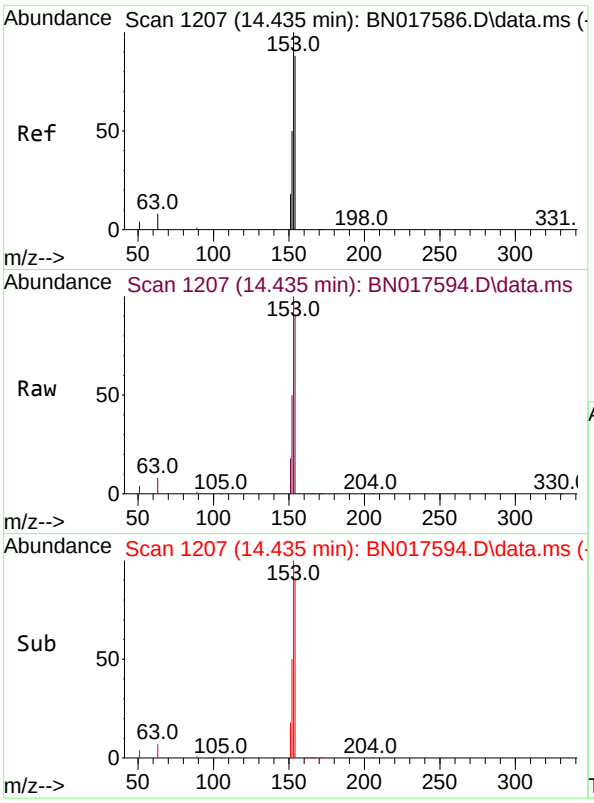


#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.093 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:152 Resp: 82926

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.1	10.5	15.7



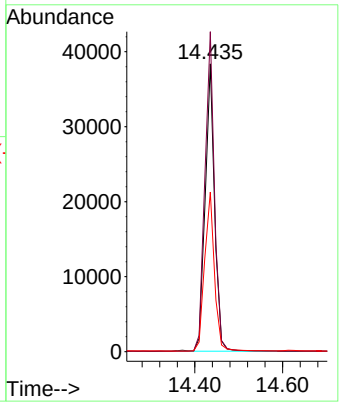


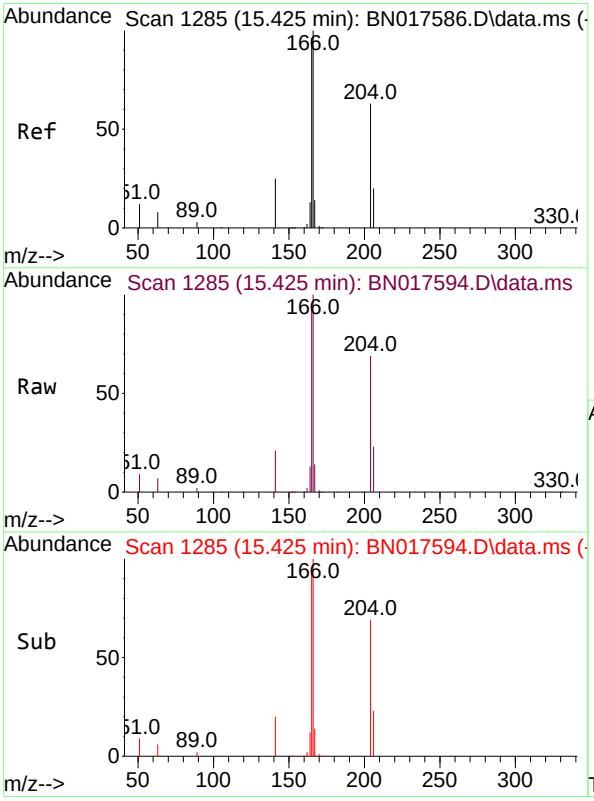
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:154 Resp: 56721

Ion	Ratio	Lower	Upper
154	100		
153	112.9	89.8	134.8
152	57.7	45.9	68.9

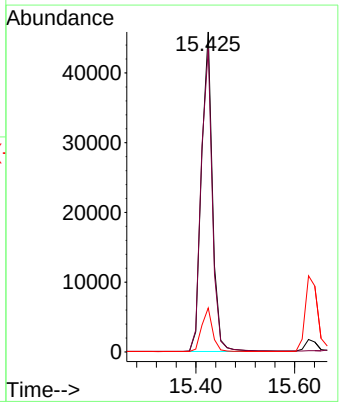


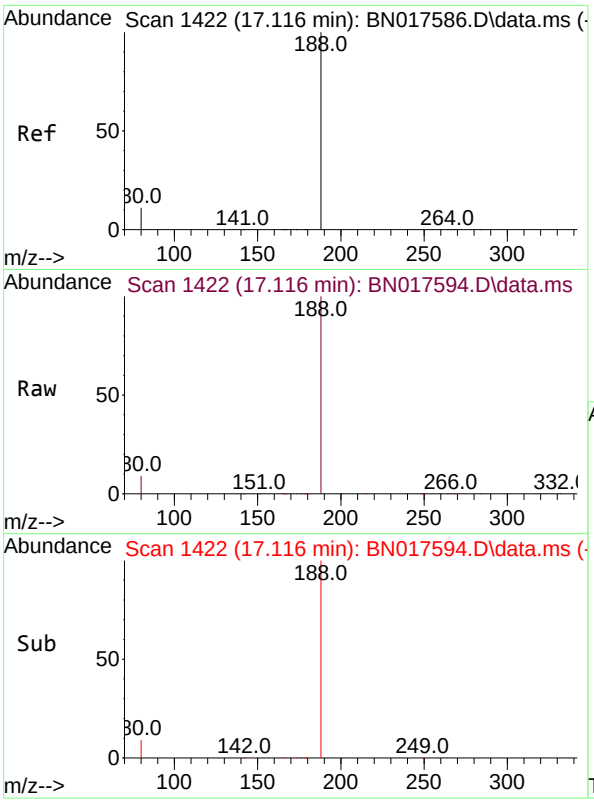


#18
Fluorene
Concen: 0.348 ng
RT: 15.425 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:166 Resp: 70707

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.6	116.4
167	13.6	10.9	16.3



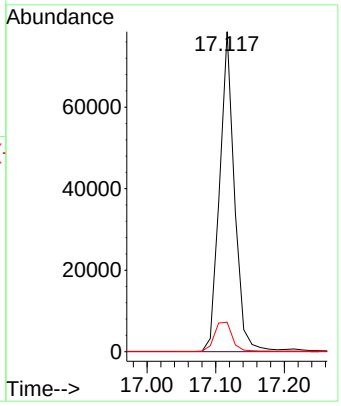


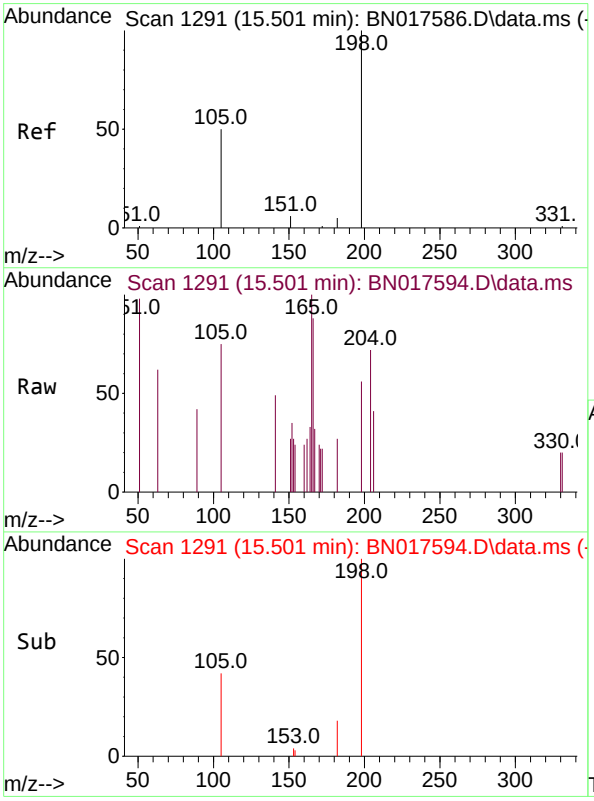
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.116 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:188 Resp: 117465

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	9.0	13.4

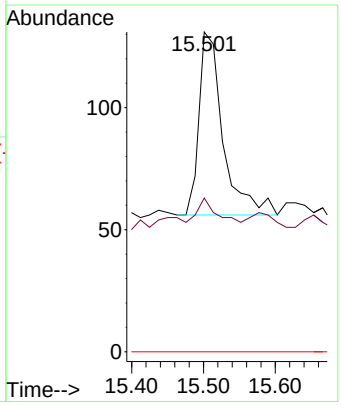


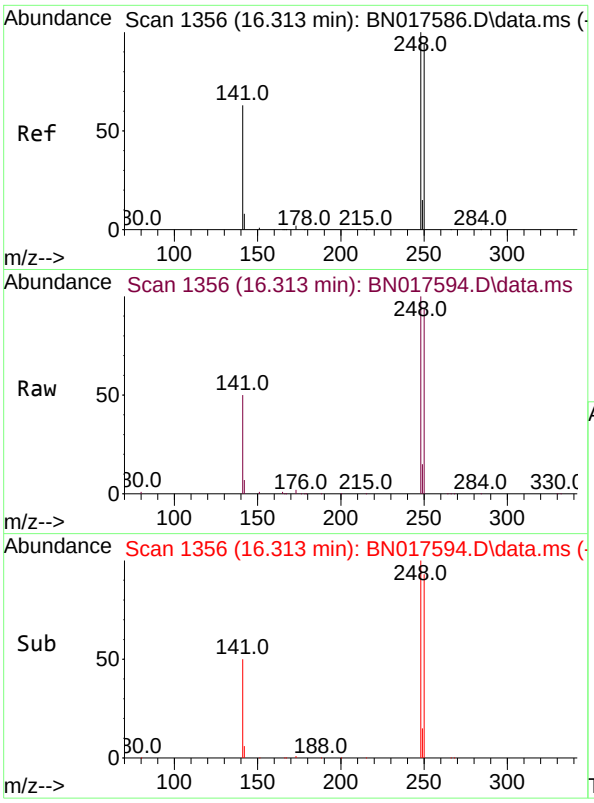


#20
4,6-Dinitro-2-methylphenol
Concen: 0.314 ng
RT: 15.501 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:198 Resp: 175

Ion	Ratio	Lower	Upper
198	100		
182	48.1	33.1	49.7
77	0.0	0.0	0.0



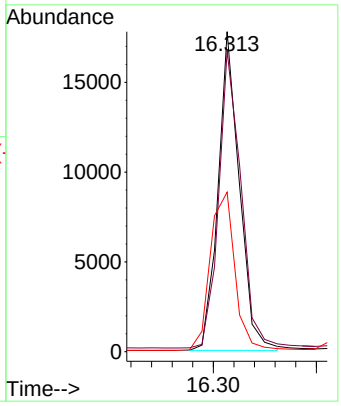


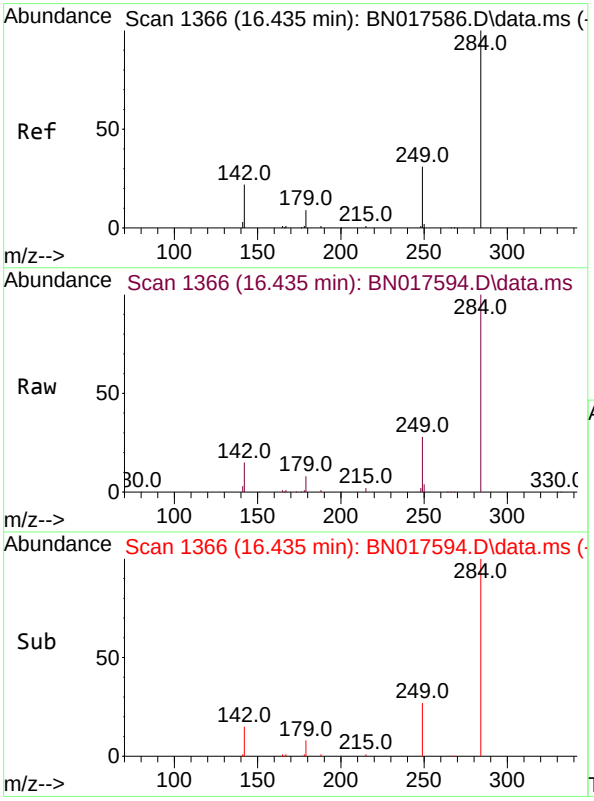
#21
4-Bromophenyl-phenylether
Concen: 0.348 ng
RT: 16.313 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:248 Resp: 25524

Ion	Ratio	Lower	Upper
248	100		
250	94.1	76.6	114.8
141	49.9	50.5	75.7#

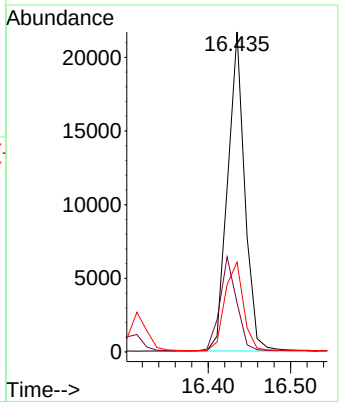


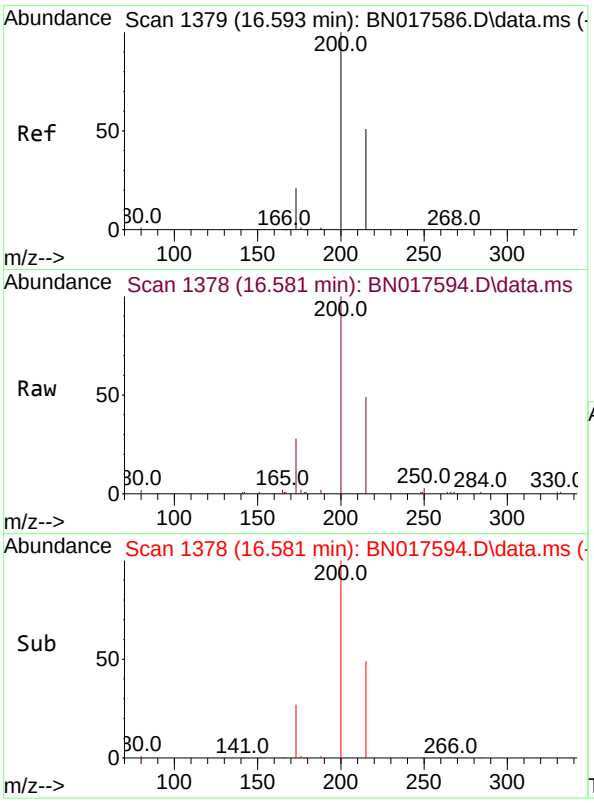


#22
Hexachlorobenzene
Concen: 0.369 ng
RT: 16.435 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:284 Resp: 31223

Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.2	34.8
249	30.1	24.2	36.2



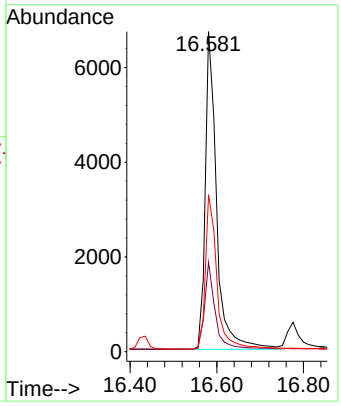


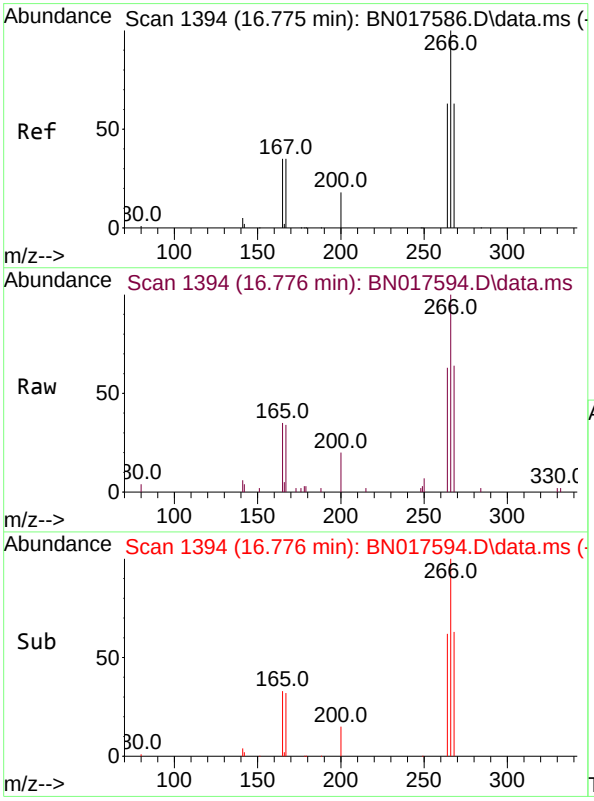
#23
Atrazine
Concen: 0.347 ng
RT: 16.581 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:200 Resp: 12178

Ion	Ratio	Lower	Upper
200	100		
173	27.9	17.4	26.0#
215	49.1	40.9	61.3

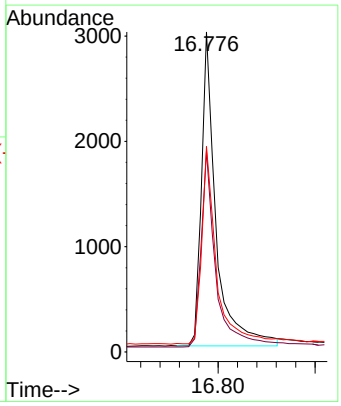


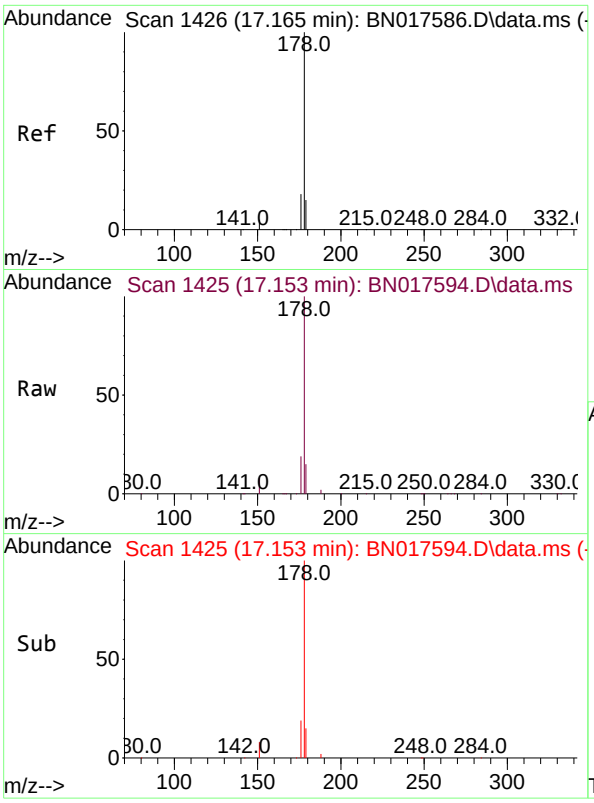


#24
Pentachlorophenol
Concen: 0.269 ng
RT: 16.776 min Scan# 1394
Delta R.T. 0.001 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:266 Resp: 6269

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.2	75.2
268	63.3	51.7	77.5



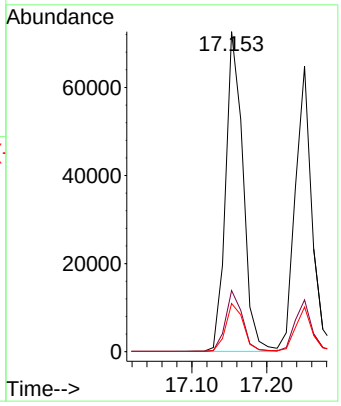


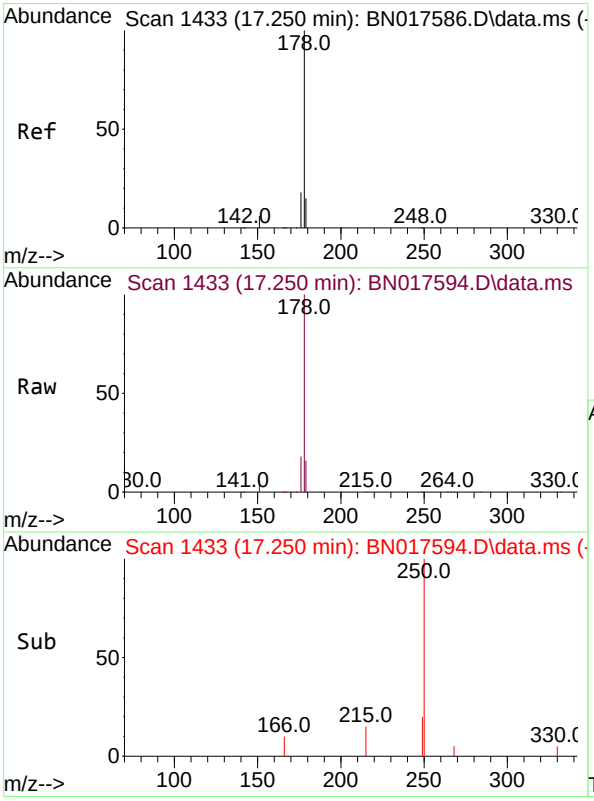
#25
Phenanthrene
Concen: 0.365 ng
RT: 17.153 min Scan# 14
Delta R.T. -0.012 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:178 Resp: 116692

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.4	12.2	18.4

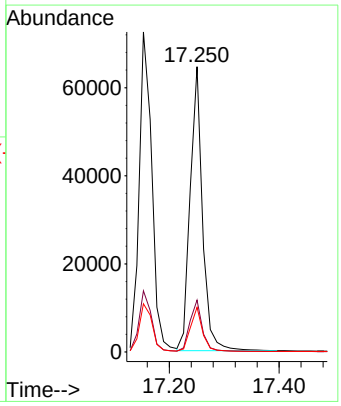


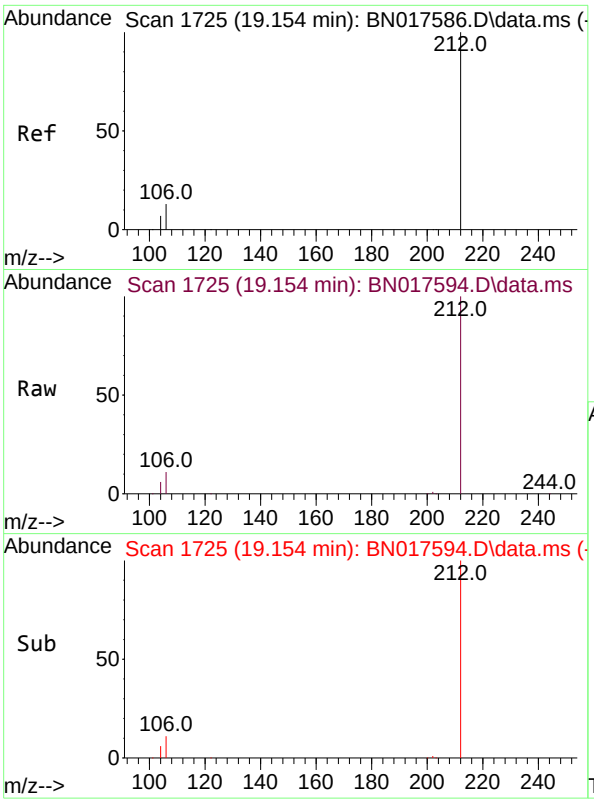


#26
Anthracene
Concen: 0.344 ng
RT: 17.250 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:178 Resp: 100681

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	15.3	12.2	18.4



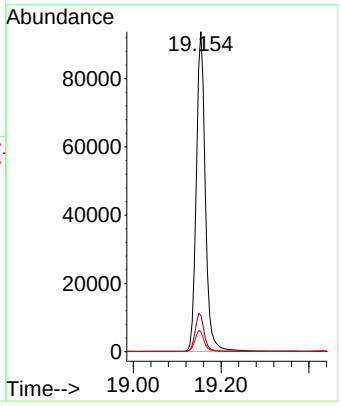


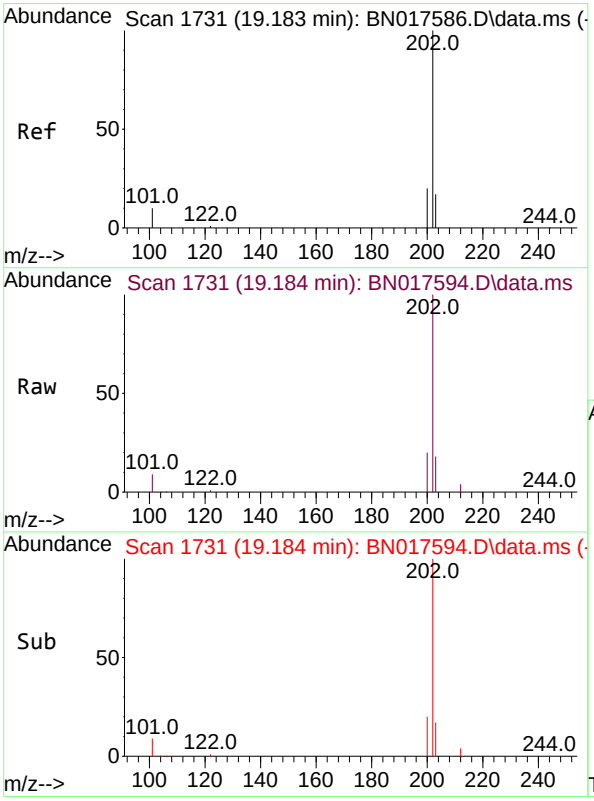
#27
Fluoranthene-d10
Concen: 0.338 ng
RT: 19.154 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:212 Resp: 133538

Ion	Ratio	Lower	Upper
212	100		
106	12.0	9.6	14.4
104	6.6	5.3	7.9

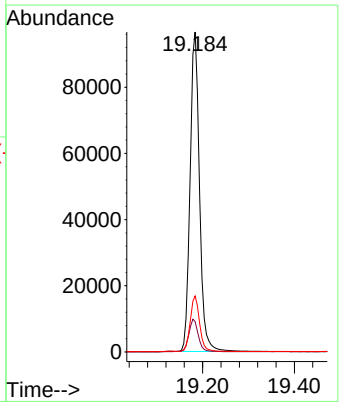


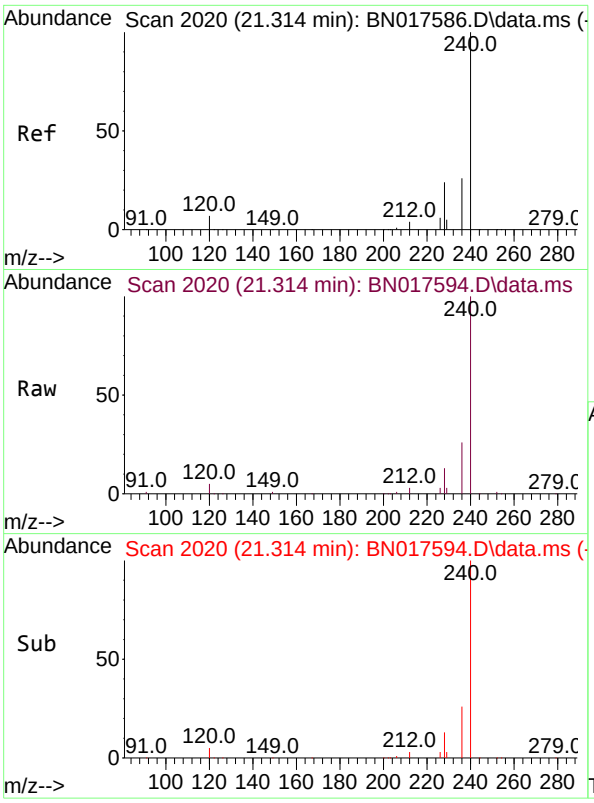


#28
Fluoranthene
Concen: 0.357 ng
RT: 19.184 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:202 Resp: 137499

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.3	12.5
203	17.3	13.9	20.9



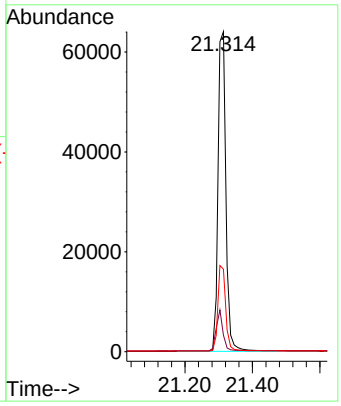


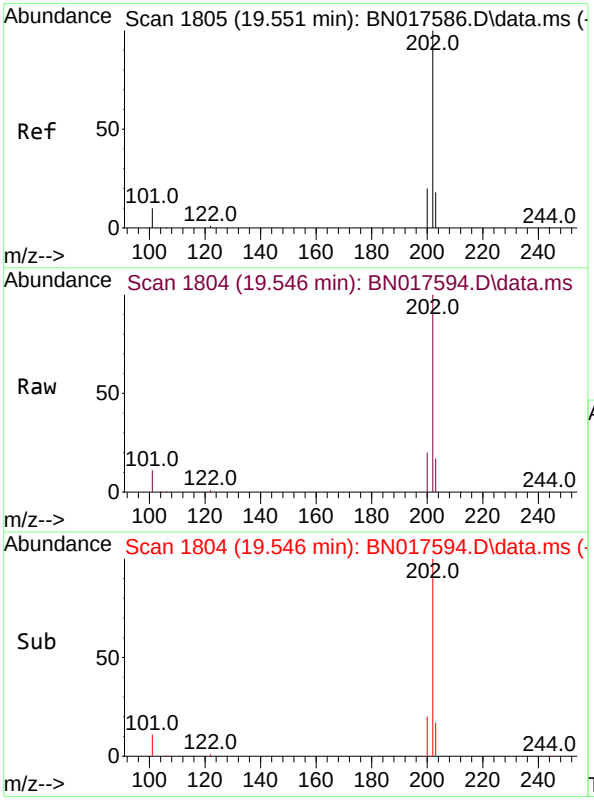
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.314 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:240 Resp: 103164

Ion	Ratio	Lower	Upper
240	100		
120	5.1	6.1	9.1#
236	25.8	21.2	31.8

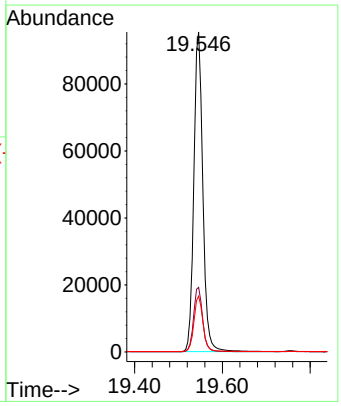


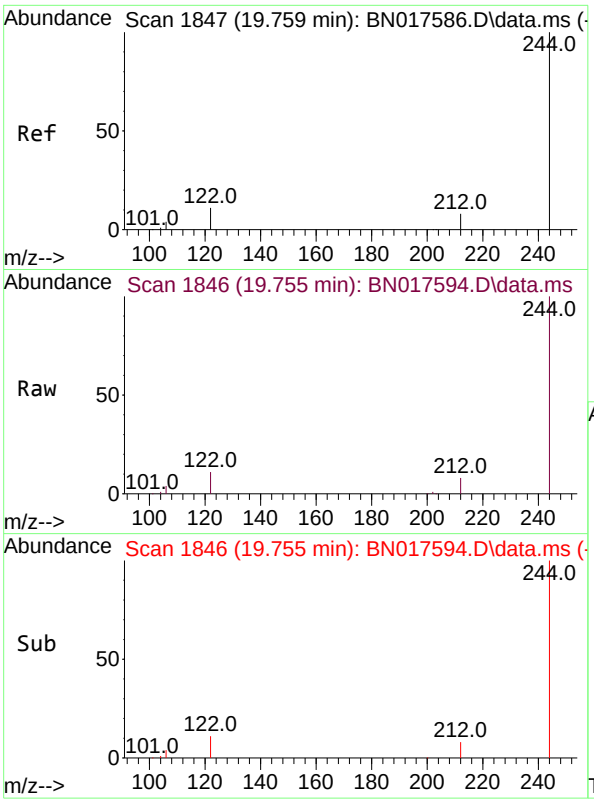


#30
Pyrene
Concen: 0.367 ng
RT: 19.546 min Scan# 1804
Delta R.T. -0.005 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:202 Resp: 135770

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	17.4	13.9	20.9



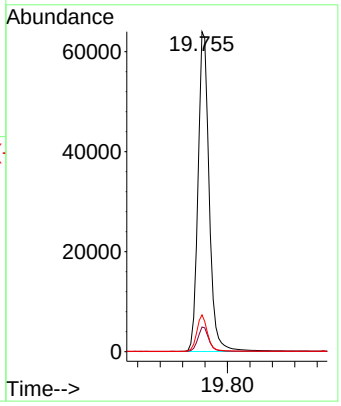


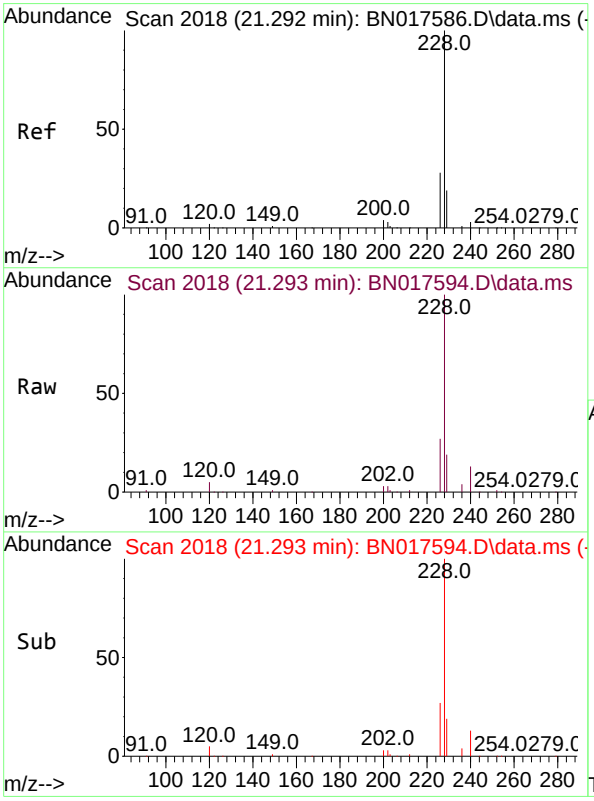
#31
Terphenyl-d14
Concen: 0.363 ng
RT: 19.755 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:244 Resp: 87791

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	11.5	8.9	13.3

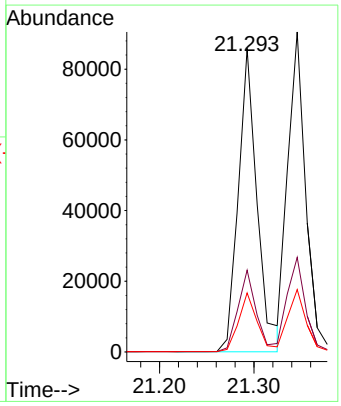


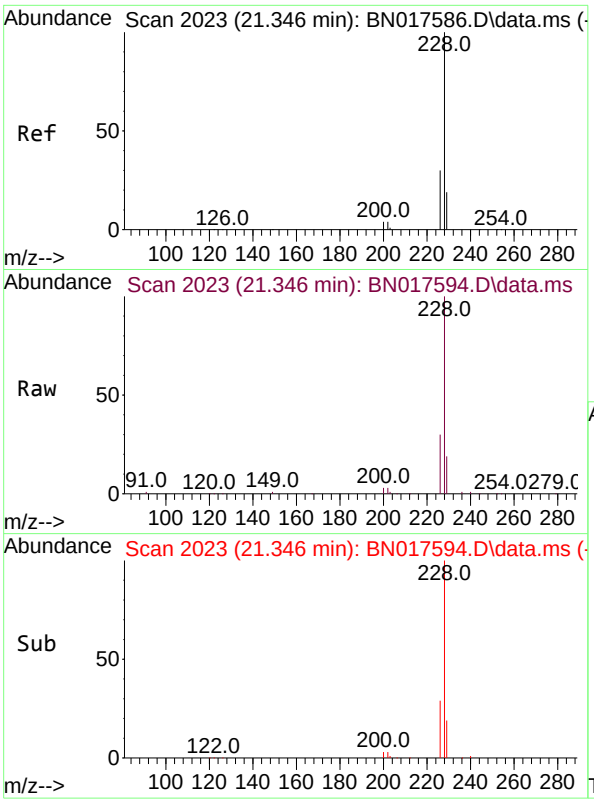


#32
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.293 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:228 Resp: 118320

Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	19.4	15.4	23.2



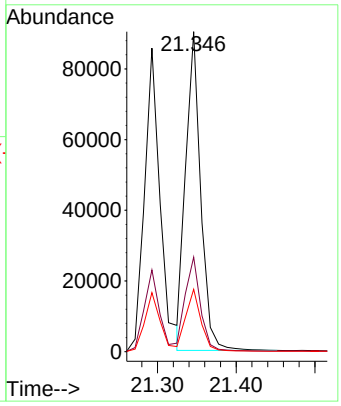


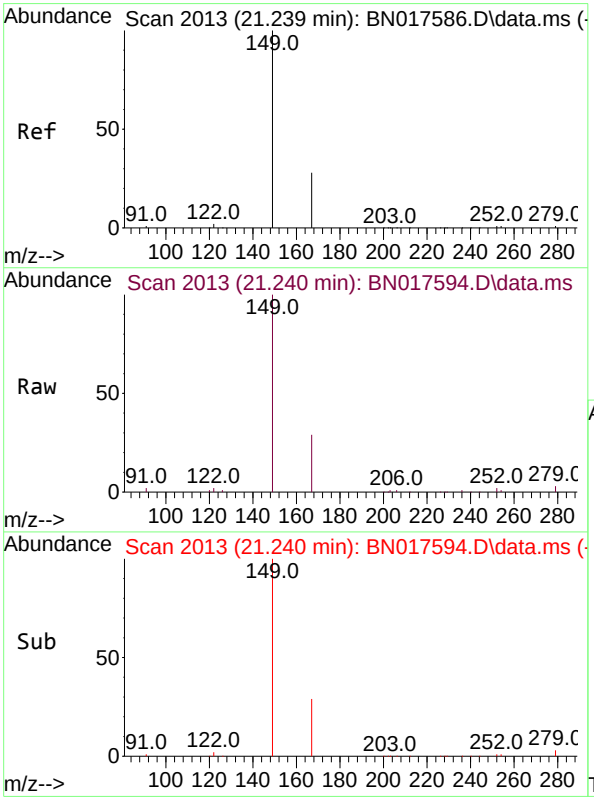
#33
Chrysene
Concen: 0.354 ng
RT: 21.346 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:228 Resp: 119603

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	19.5	15.6	23.4

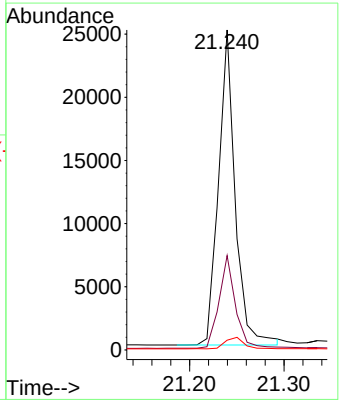


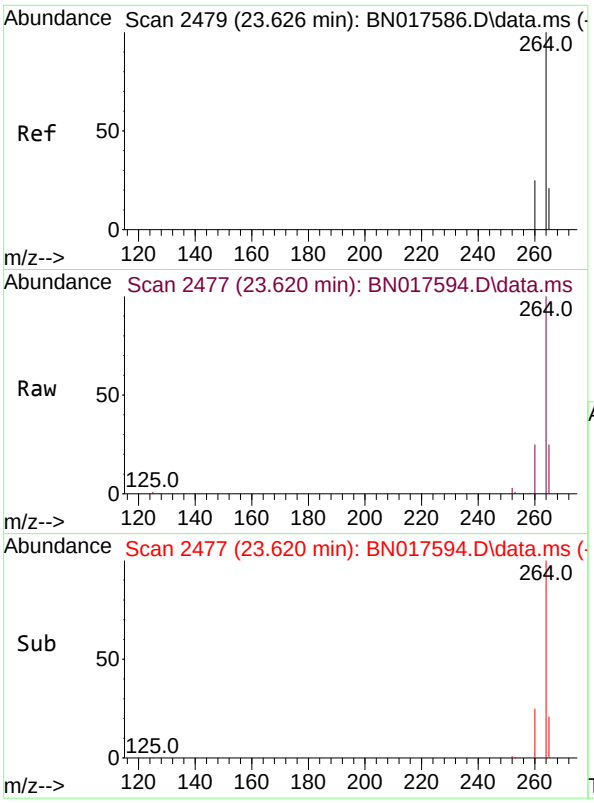


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.324 ng
RT: 21.240 min Scan# 2013
Delta R.T. 0.001 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:149 Resp: 30627

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.2	34.8
279	4.2	3.4	5.0



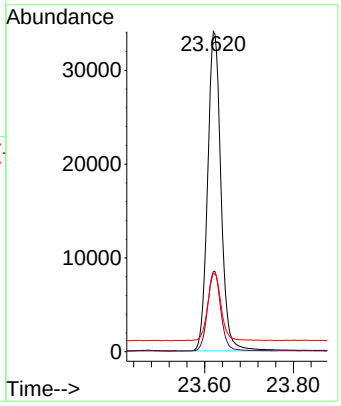


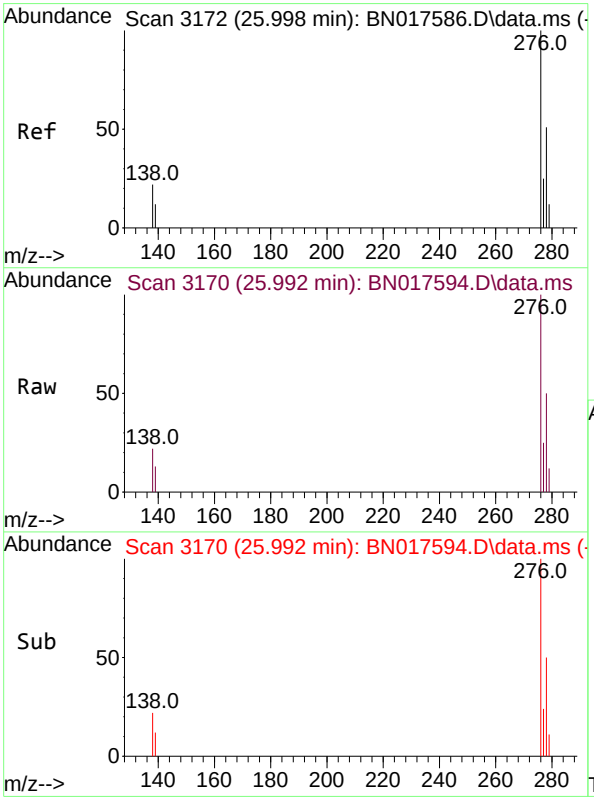
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.620 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:264 Resp: 71071

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.1	30.1
265	24.6	20.6	30.8

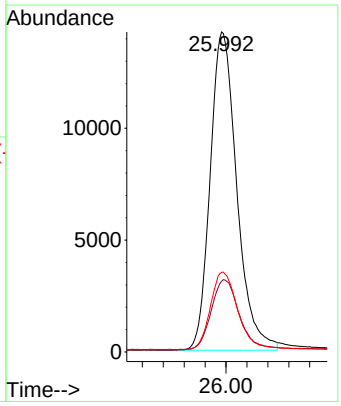


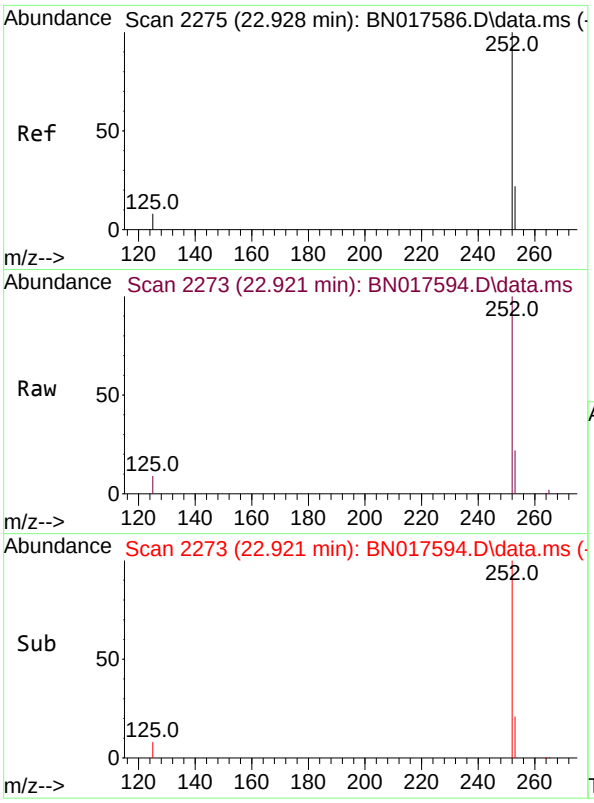


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.332 ng
RT: 25.992 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:276 Resp: 50325

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.4	24.6
277	25.1	17.9	26.9



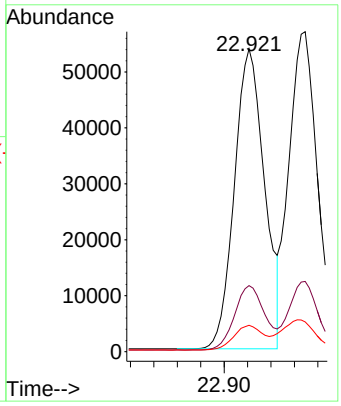


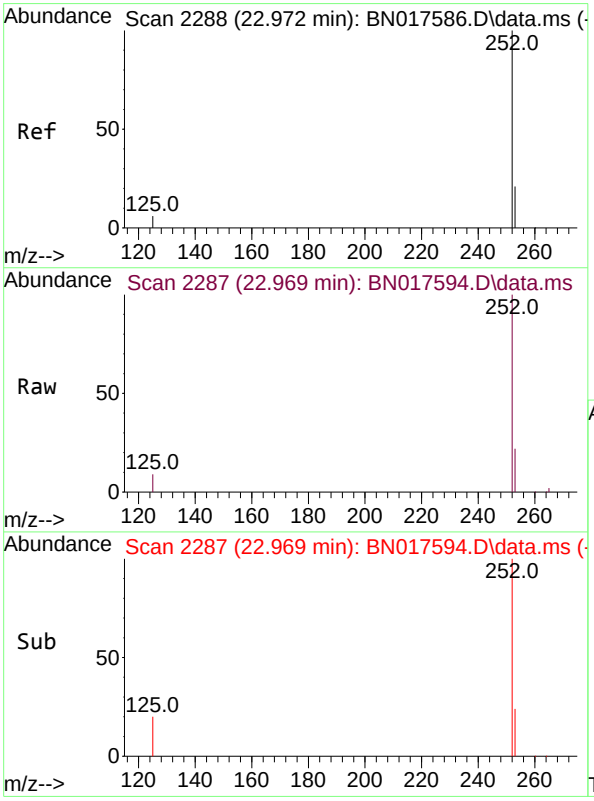
#37
Benzo(b)fluoranthene
Concen: 0.349 ng
RT: 22.921 min Scan# 2
Delta R.T. -0.007 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:252 Resp: 95806

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	8.7	7.1	10.7

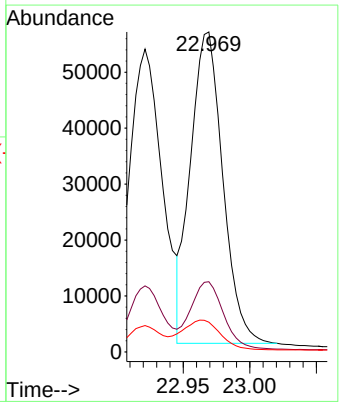


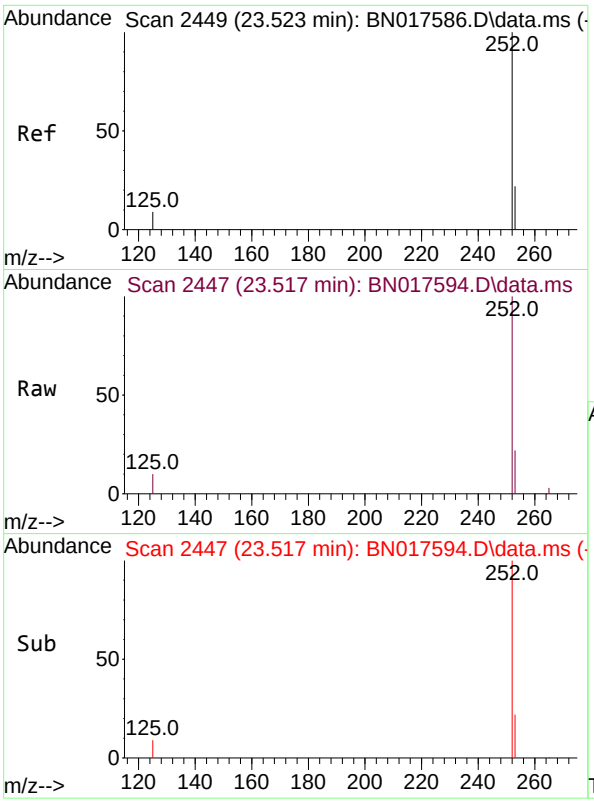


#38
Benzo(k)fluoranthene
Concen: 0.361 ng
RT: 22.969 min Scan# 2287
Delta R.T. -0.003 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:252 Resp: 93898

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.3	7.9	11.9



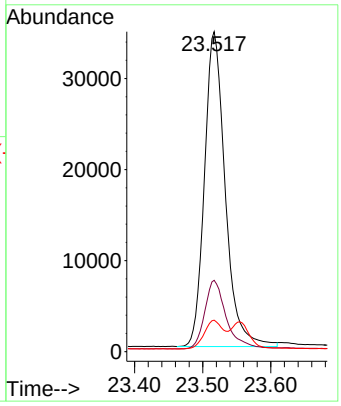


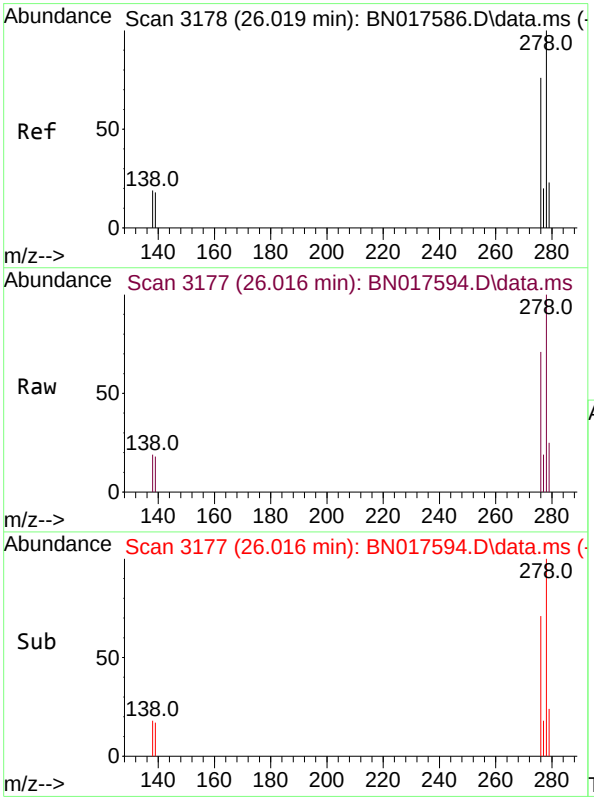
#39
Benzo(a)pyrene
Concen: 0.335 ng
RT: 23.517 min Scan# 24
Delta R.T. -0.007 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:252 Resp: 73311

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.8	8.0	12.0

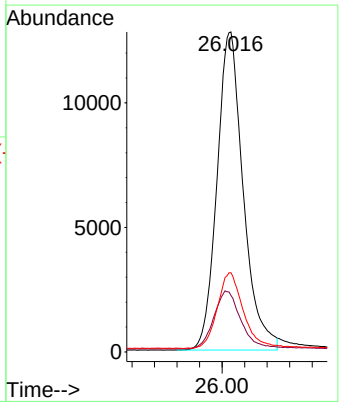


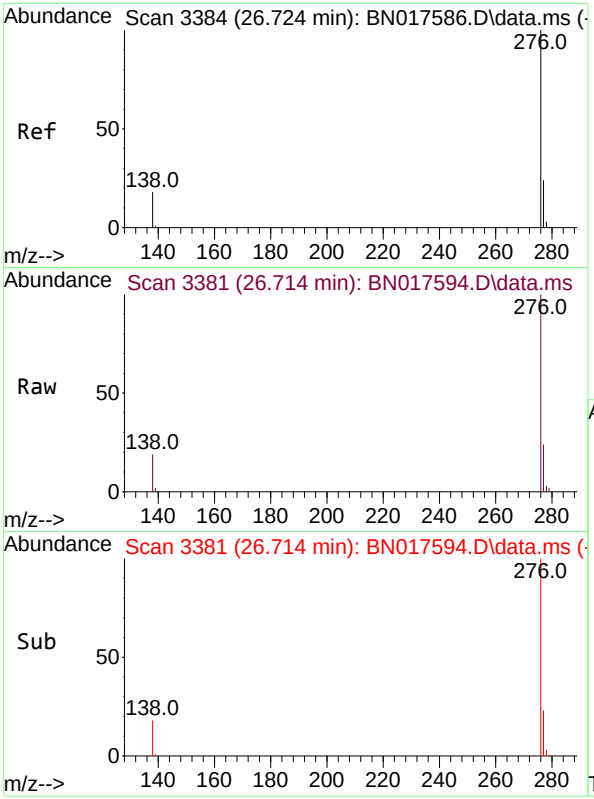


#40
Dibenzo(a,h)anthracene
Concen: 0.323 ng
RT: 26.016 min Scan# 3177
Delta R.T. -0.003 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Tgt Ion:278 Resp: 41243

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.2	22.8
279	24.8	19.5	29.3





#41
Benzo(g,h,i)perylene
Concen: 0.338 ng
RT: 26.714 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN017594.D
Acq: 24 Nov 2021 23:52

Instrument :
BNA_N
ClientSampleId :
PB141023BS

Tgt Ion:276 Resp: 38189

Ion	Ratio	Lower	Upper
276	100		
277	24.1	20.0	30.0
138	19.4	15.7	23.5