Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017783.D
Acq On : 08 Dec 2021 04:23
Operator : CG/JU
Sample : PB141179BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Quant Time: Dec 08 07:35:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	23358	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	96332	0.400	ng	0.00
13) Acenaphthene-d10	14.347	164	64031	0.400	ng	0.00
19) Phenanthrene-d10	17.093	188	134588	0.400	ng	0.00
29) Chrysene-d12	21.293	240	132873	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	110652	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	18823	0.334	ng	0.00
5) Phenol-d6	6.904	99	17625	0.330	ng	0.00
8) Nitrobenzene-d5	8.859	82	18682	0.292	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	63602	0.331	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	9014	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.965	172	81829	0.349	ng	0.00
27) Fluoranthene-d10	19.130	212	154944	0.344	ng	0.00
31) Terphenyl-d14	19.735	244	103041	0.361	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	645	0.075	ng	# 100
3) n-Nitrosodimethylamine	3.612	42	8059	0.334	ng	99
6) bis(2-Chloroethyl)ether	7.143	93	21914	0.363	ng	100
9) Naphthalene	10.545	128	85008	0.337	ng	100
10) Hexachlorobutadiene	10.836	225	25061	0.342	ng	# 100
12) 2-Methylnaphthalene	12.165	142	60927	0.335	ng	99
16) Acenaphthylene	14.056	152	81473	0.324	ng	100
17) Acenaphthene	14.411	154	59424	0.355	ng	100
18) Fluorene	15.401	166	73395	0.343	ng	100
20) 4,6-Dinitro-2-methylph...	15.502	198	214	0.226	ng	99
21) 4-Bromophenyl-phenylether	16.289	248	25975	0.319	ng	96
22) Hexachlorobenzene	16.411	284	34416	0.356	ng	99
23) Atrazine	16.569	200	16893	0.287	ng	95
24) Pentachlorophenol	16.764	266	3616	0.379	ng	99
25) Phenanthrene	17.129	178	121340	0.343	ng	100
26) Anthracene	17.227	178	100662	0.324	ng	100
28) Fluoranthene	19.159	202	153999	0.358	ng	100
30) Pyrene	19.522	202	156125	0.371	ng	100
32) Benzo(a)anthracene	21.272	228	138271	0.338	ng	99
33) Chrysene	21.325	228	148851	0.348	ng	100
34) Bis(2-ethylhexyl)phtha...	21.219	149	55642	0.300	ng	99
36) Indeno(1,2,3-cd)pyrene	25.944	276	86407	0.282	ng	99
37) Benzo(b)fluoranthene	22.888	252	128608	0.342	ng	100
38) Benzo(k)fluoranthene	22.935	252	128377	0.362	ng	100
39) Benzo(a)pyrene	23.483	252	114336	0.338	ng	99
40) Dibenzo(a,h)anthracene	25.965	278	60823	0.256	ng	98
41) Benzo(g,h,i)perylene	26.663	276	75570	0.296	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017783.D
Acq On : 08 Dec 2021 04:23
Operator : CG/JU
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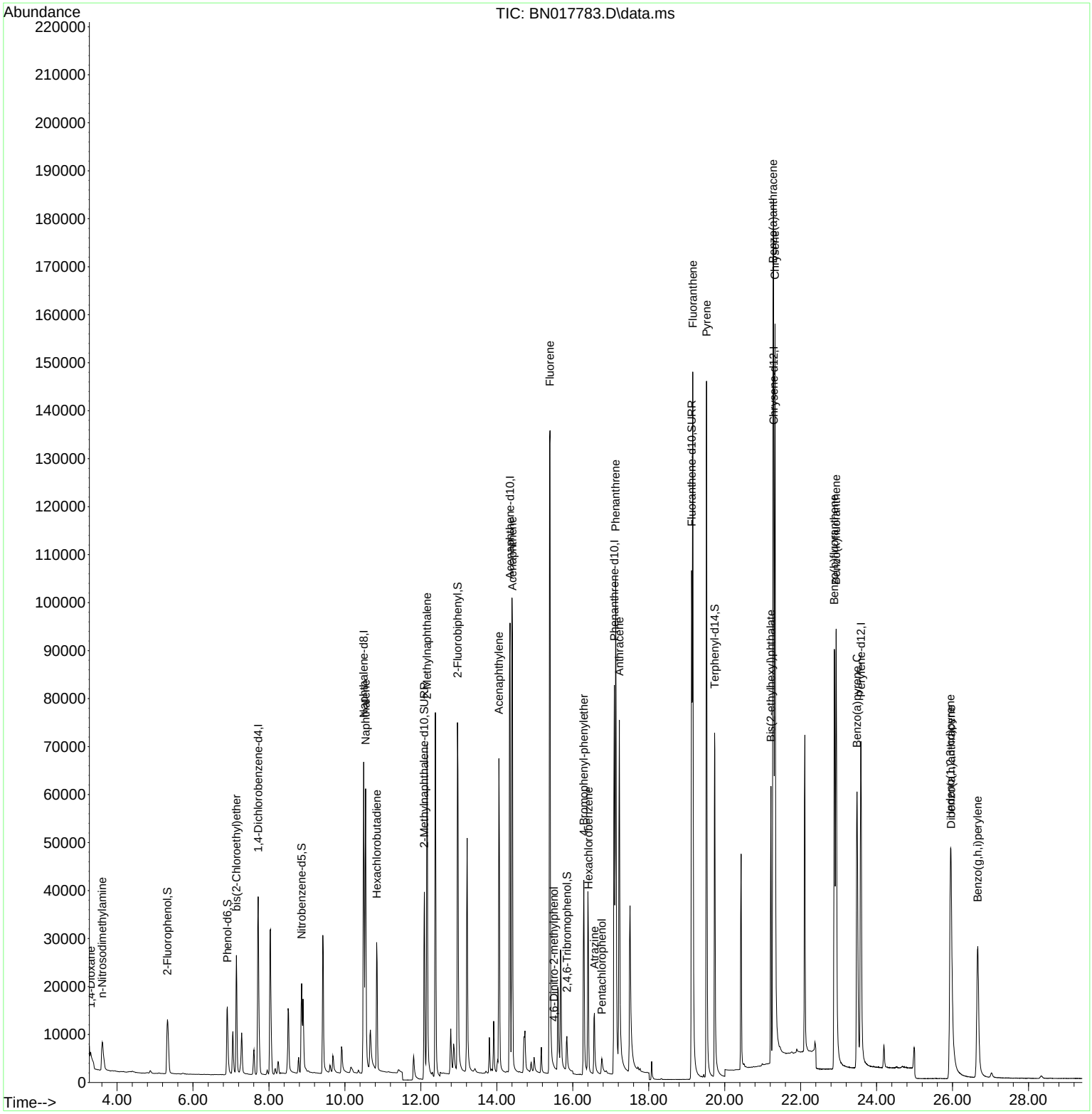
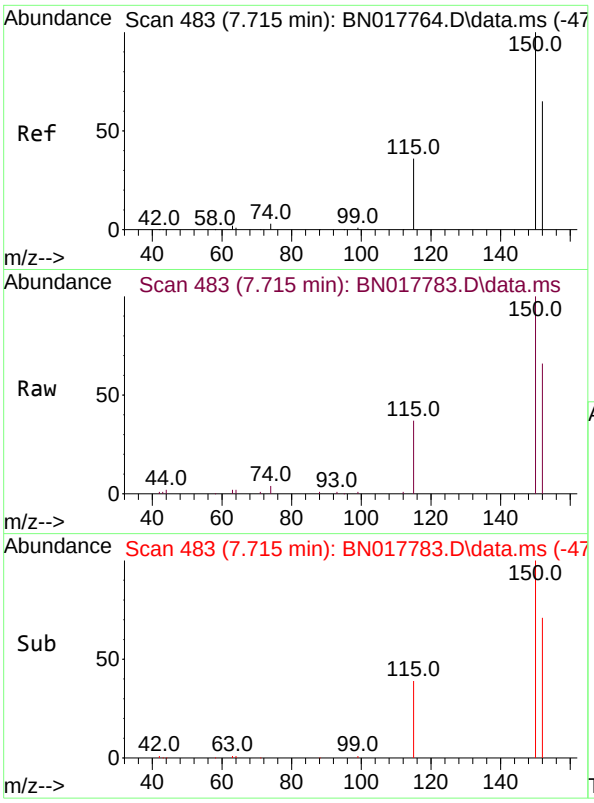
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Quant Time: Dec 08 07:35:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration



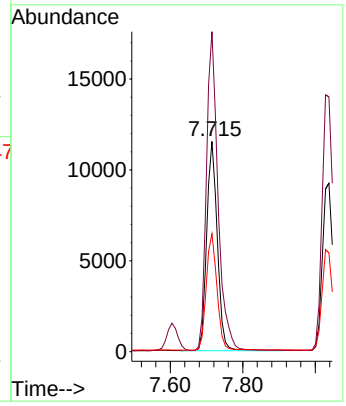


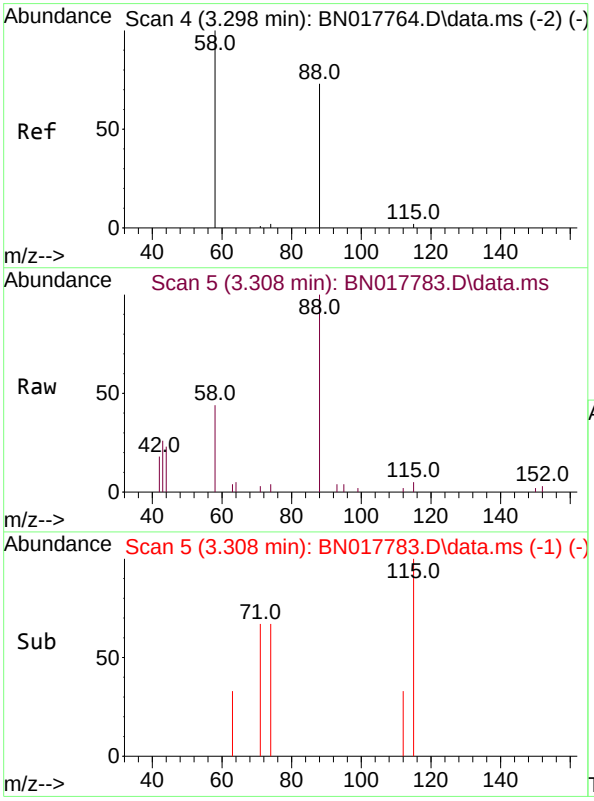
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:152 Resp: 23358

Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.0	184.4
115	56.1	45.3	67.9

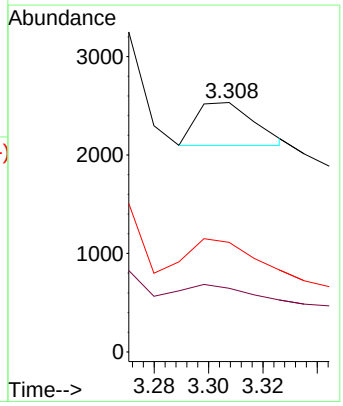


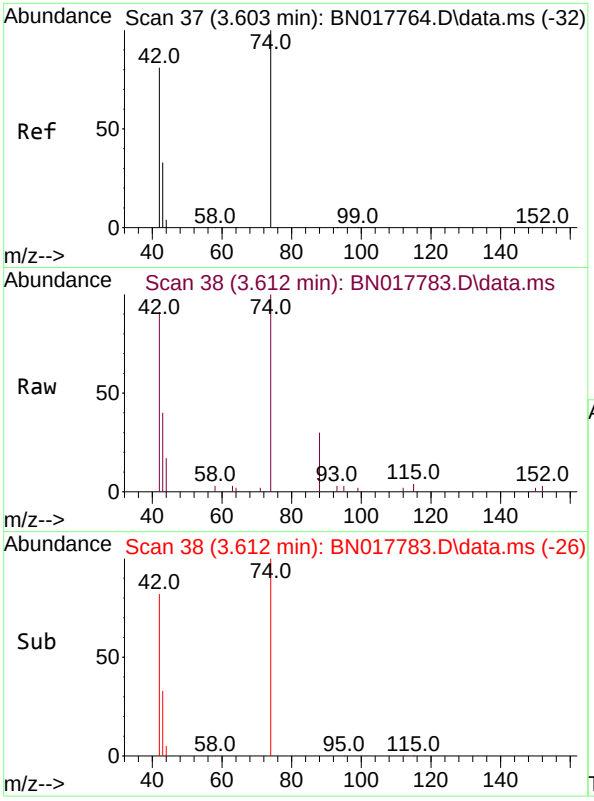


#2
1,4-Dioxane
Concen: 0.075 ng
RT: 3.308 min Scan# 5
Delta R.T. 0.009 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion: 88 Resp: 645

Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	61.2	0.0	0.0#



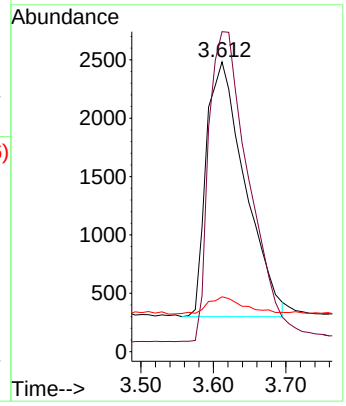


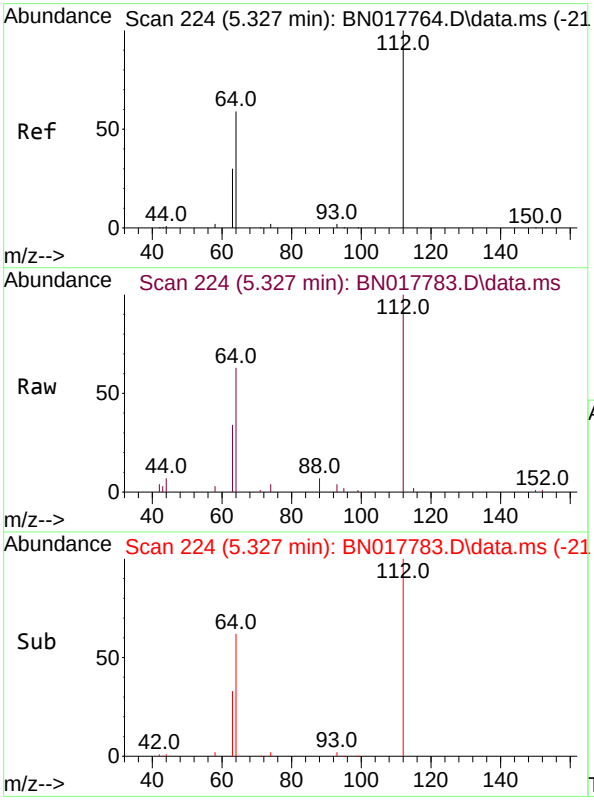
#3
n-Nitrosodimethylamine
Concen: 0.334 ng
RT: 3.612 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion: 42 Resp: 8059

Ion	Ratio	Lower	Upper
42	100		
74	125.4	101.3	151.9
44	6.3	5.0	7.4

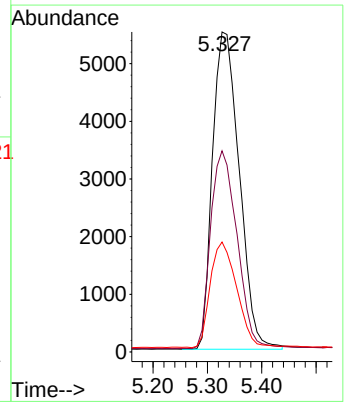


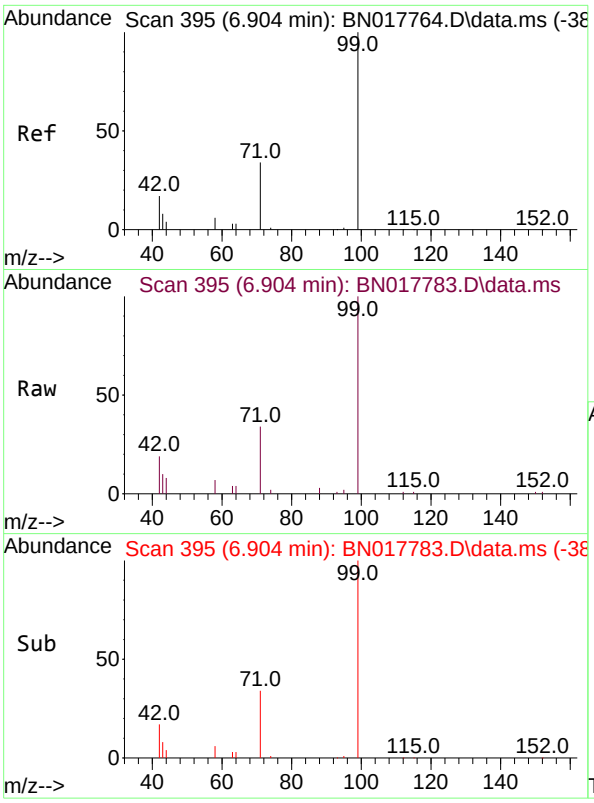


#4
2-Fluorophenol
Concen: 0.334 ng
RT: 5.327 min Scan# 224
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:112 Resp: 18823

Ion	Ratio	Lower	Upper
112	100		
64	61.6	49.3	73.9
63	32.7	25.8	38.8



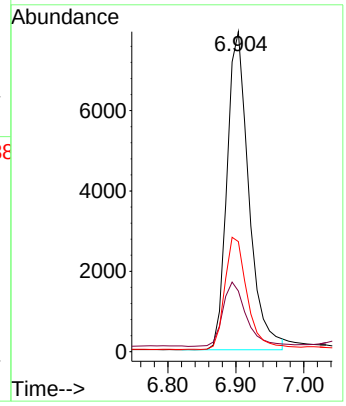


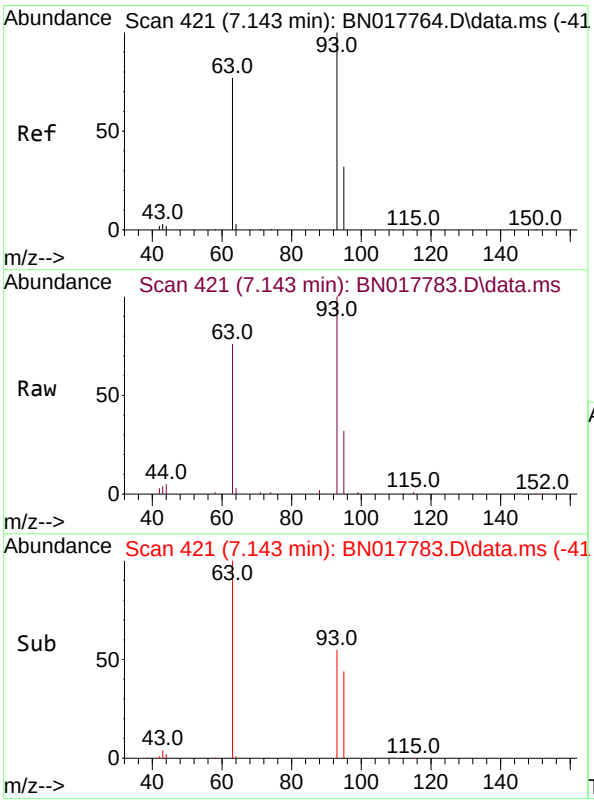
#5
Phenol-d6
Concen: 0.330 ng
RT: 6.904 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion: 99 Resp: 17625

Ion	Ratio	Lower	Upper
99	100		
42	21.5	16.6	25.0
71	36.1	29.0	43.4

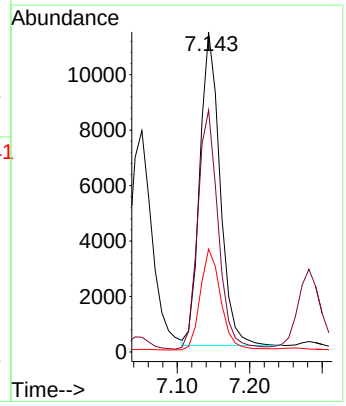


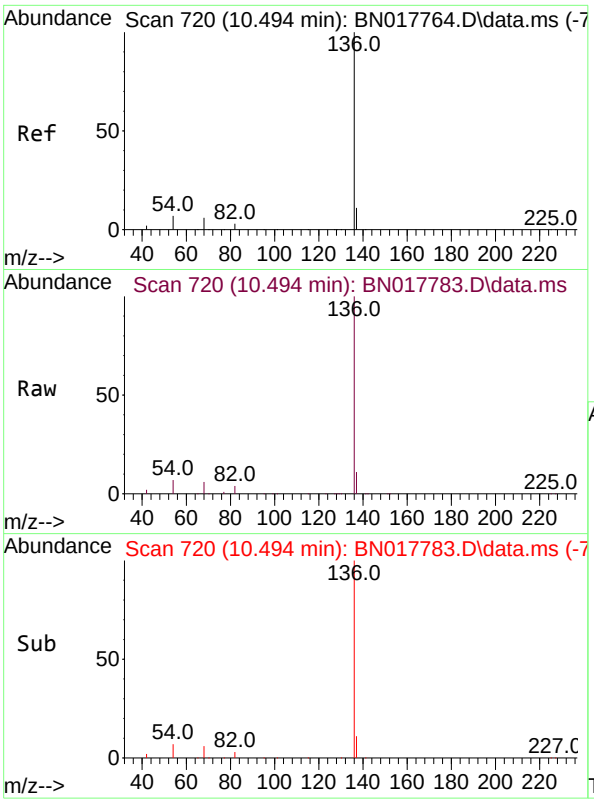


#6
bis(2-Chloroethyl)ether
Concen: 0.363 ng
RT: 7.143 min Scan# 421
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion: 93 Resp: 21914

Ion	Ratio	Lower	Upper
93	100		
63	77.4	62.0	93.0
95	32.7	26.4	39.6



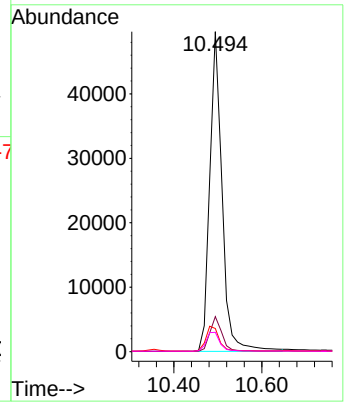


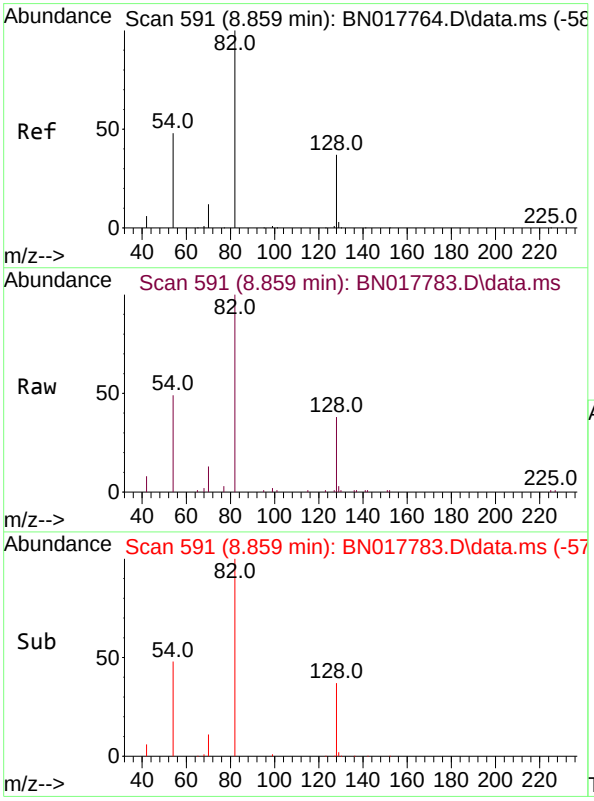
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:136 Resp: 96332

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.3	5.9	8.9
68	6.0	5.0	7.6

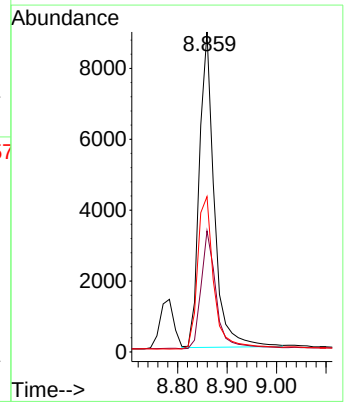


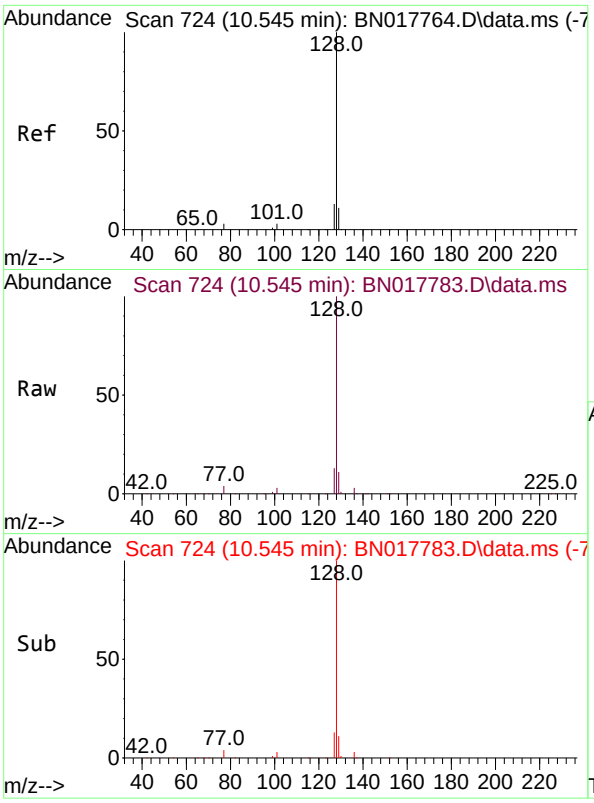


#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.859 min Scan# 591
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion: 82 Resp: 18682

Ion	Ratio	Lower	Upper
82	100		
128	37.8	30.2	45.2
54	48.5	39.0	58.6



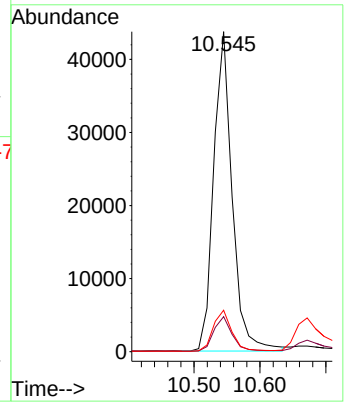


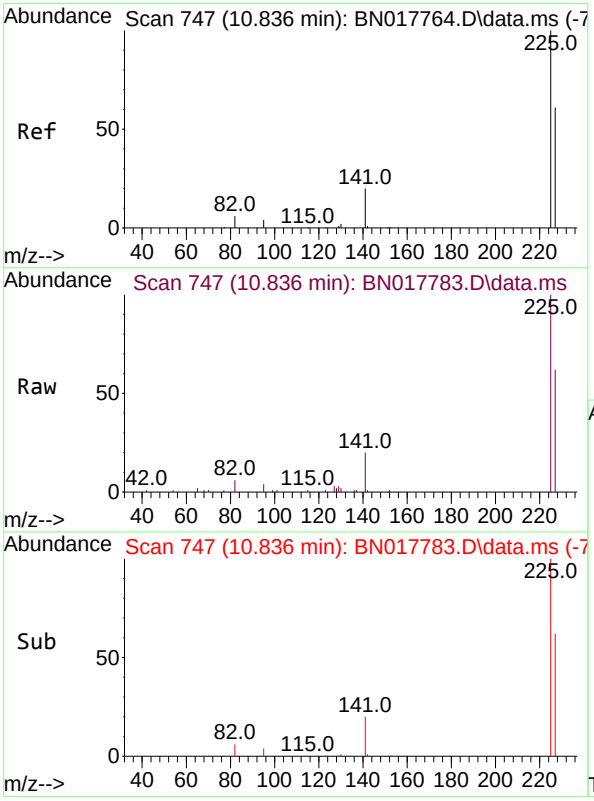
#9
Naphthalene
Concen: 0.337 ng
RT: 10.545 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:128 Resp: 85008

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.0	10.6	15.8

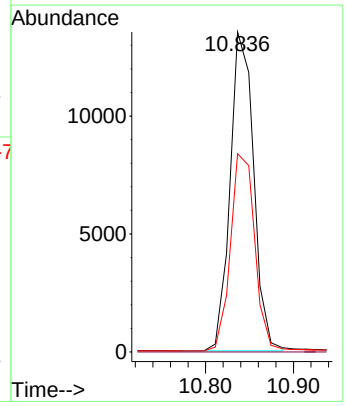


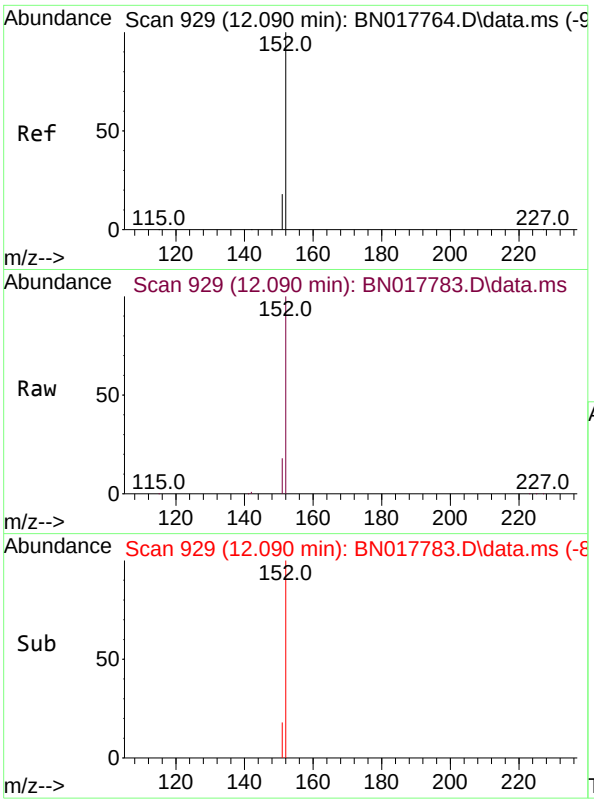


#10
Hexachlorobutadiene
Concen: 0.342 ng
RT: 10.836 min Scan# 747
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:225 Resp: 25061

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	50.9	76.3



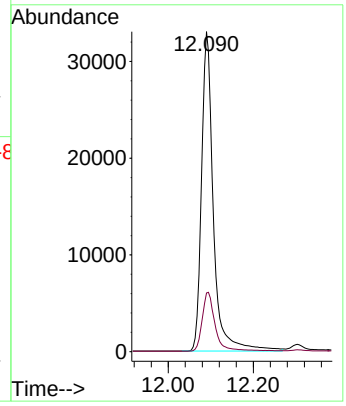


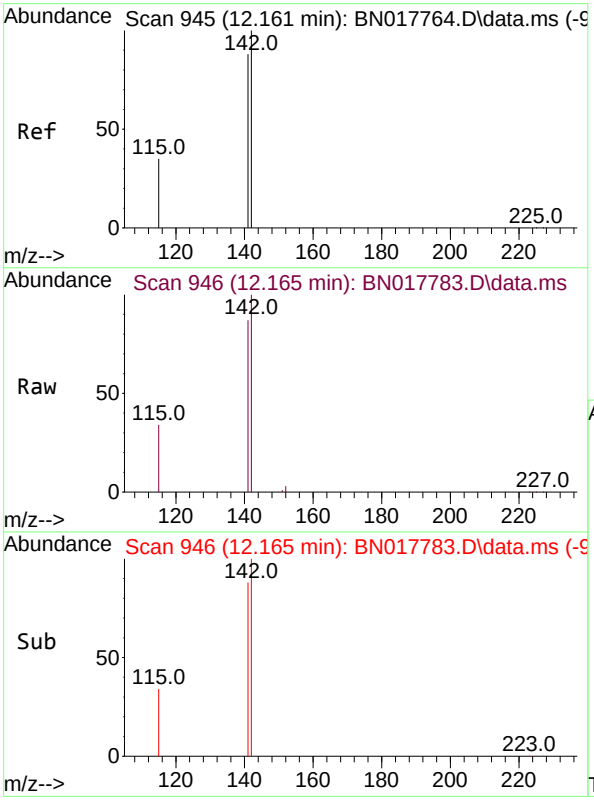
#11
2-Methylnaphthalene-d10
Concen: 0.331 ng
RT: 12.090 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:152 Resp: 63602

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6

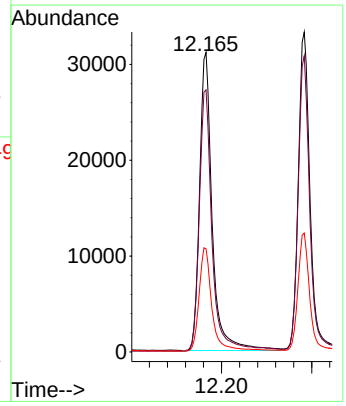


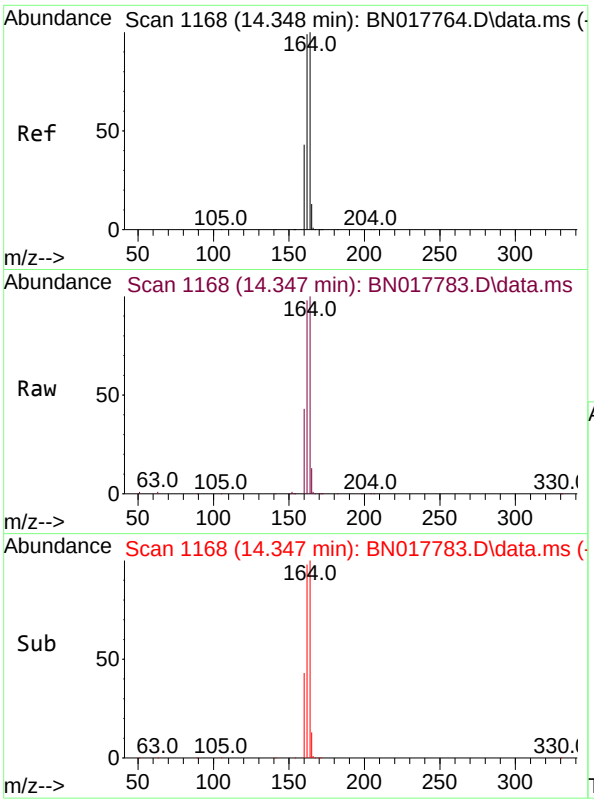


#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 12.165 min Scan# 946
Delta R.T. 0.004 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:142 Resp: 60927

Ion	Ratio	Lower	Upper
142	100		
141	87.5	70.5	105.7
115	34.4	28.0	42.0



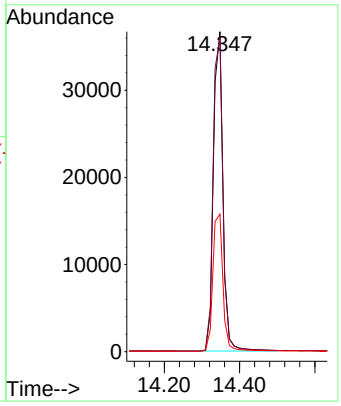


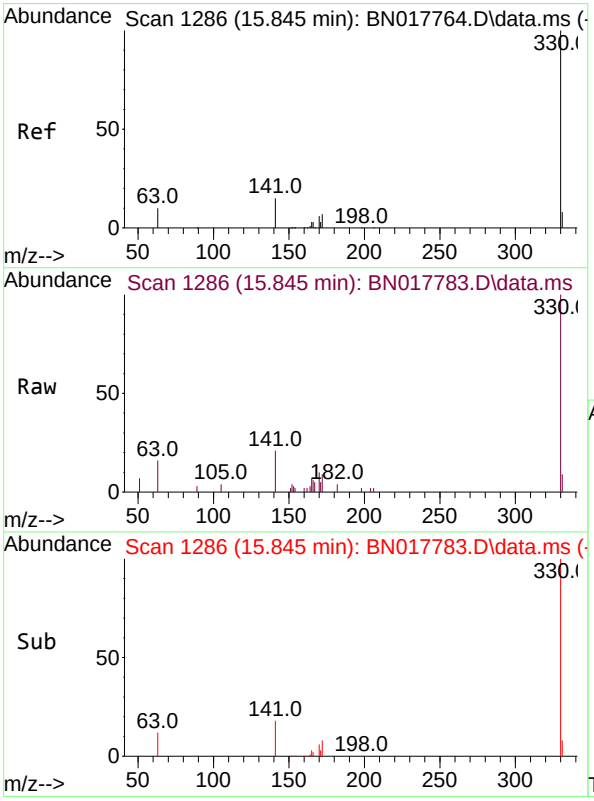
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:164 Resp: 64031

Ion	Ratio	Lower	Upper
164	100		
162	98.1	79.0	118.6
160	43.0	34.6	52.0

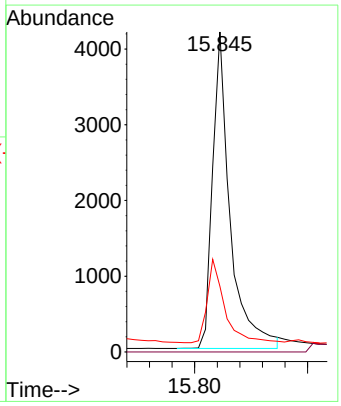


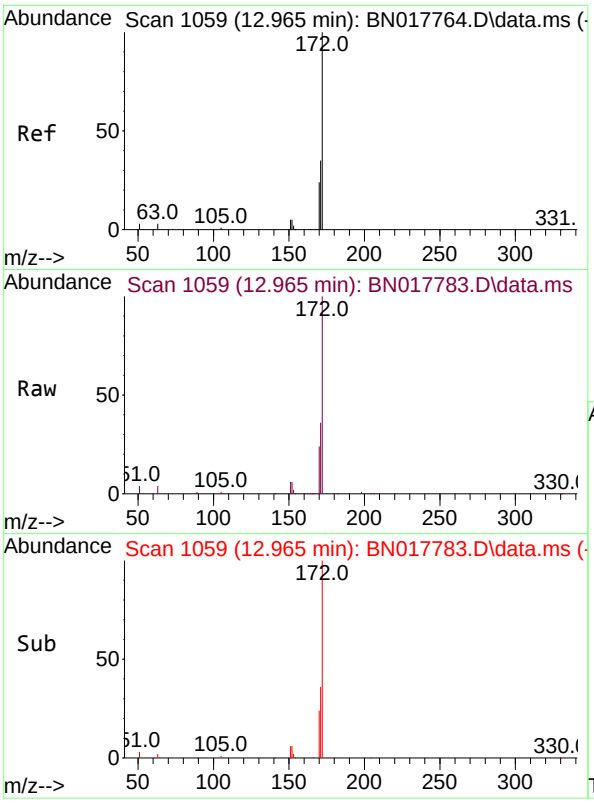


#14
2,4,6-Tribromophenol
Concen: 0.269 ng
RT: 15.845 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:330 Resp: 9014

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.9	21.5	32.3



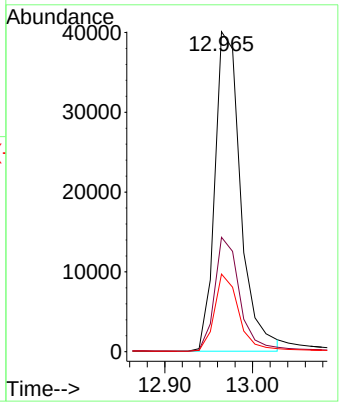


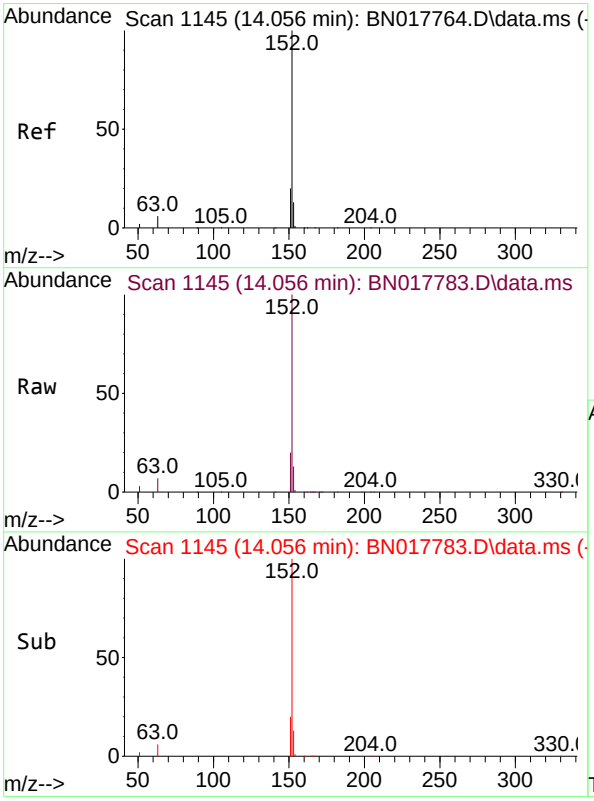
#15
2-Fluorobiphenyl
Concen: 0.349 ng
RT: 12.965 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:172 Resp: 81829

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.1	42.1
170	24.3	18.9	28.3

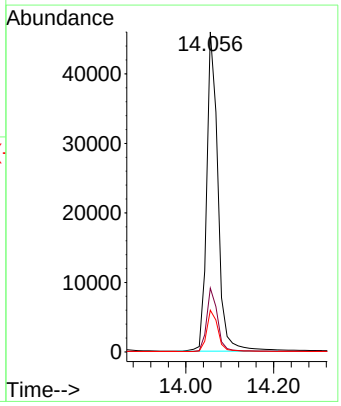


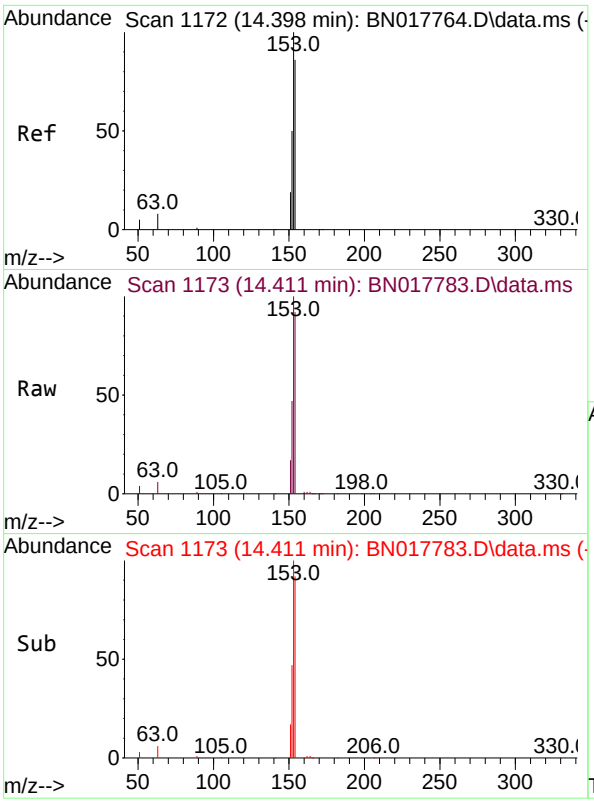


#16
Acenaphthylene
Concen: 0.324 ng
RT: 14.056 min Scan# 1145
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:152 Resp: 81473

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.1	10.4	15.6



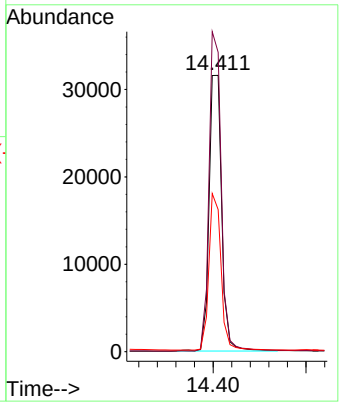


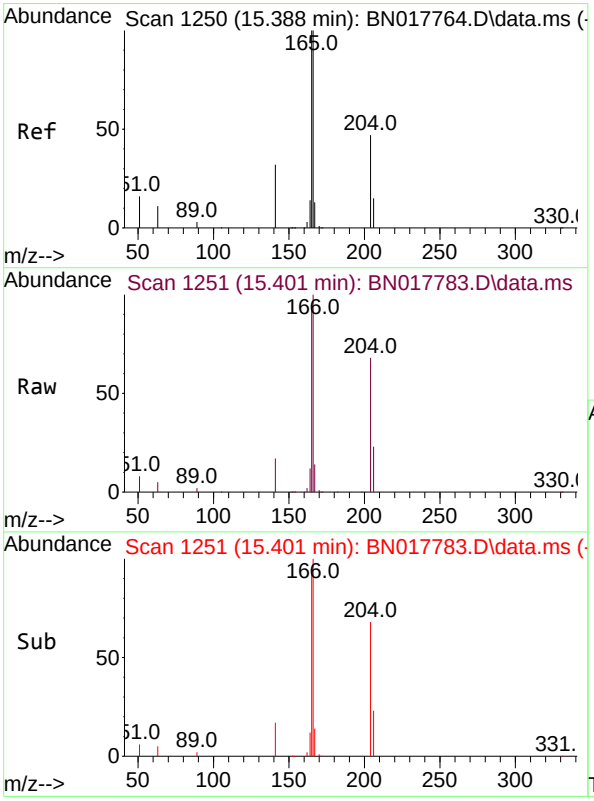
#17
Acenaphthene
Concen: 0.355 ng
RT: 14.411 min Scan# 11
Delta R.T. 0.013 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:154 Resp: 59424

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.1	135.1
152	54.4	43.7	65.5

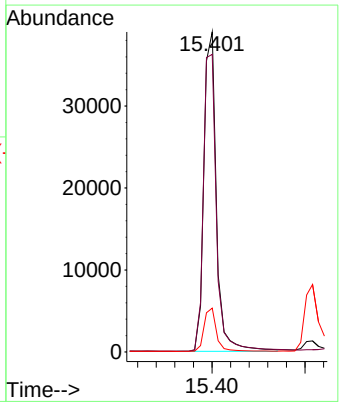


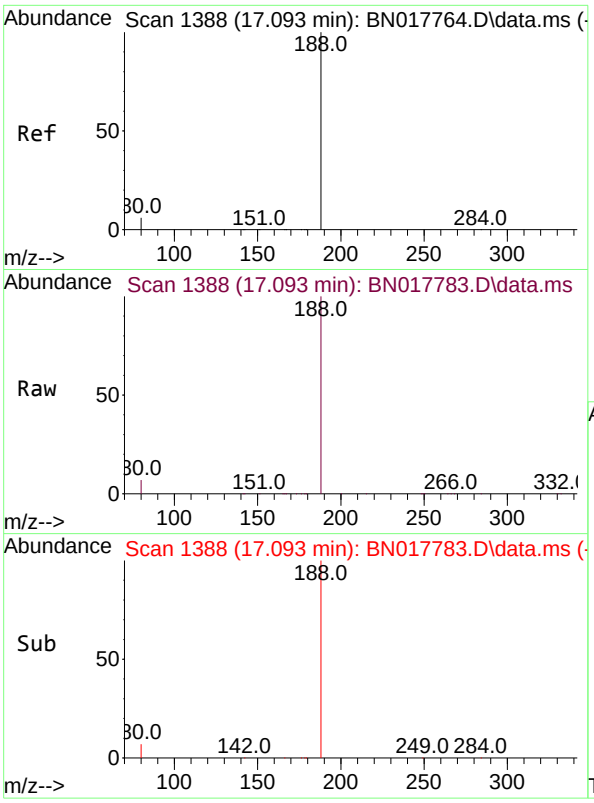


#18
Fluorene
Concen: 0.343 ng
RT: 15.401 min Scan# 1251
Delta R.T. 0.013 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:166 Resp: 73395

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	13.6	11.0	16.4



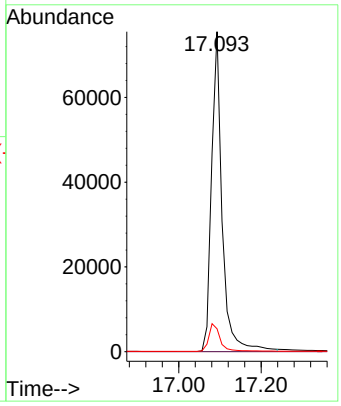


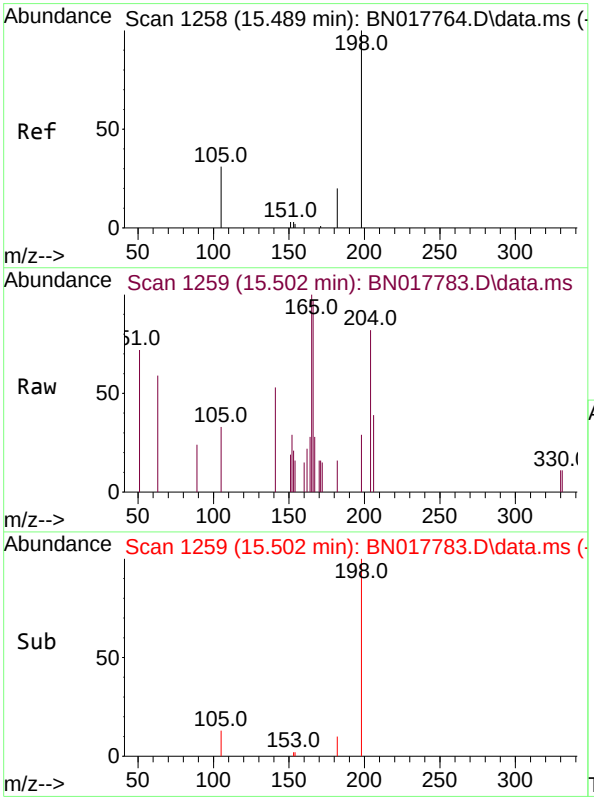
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:188 Resp: 134588

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.2	5.1	7.7

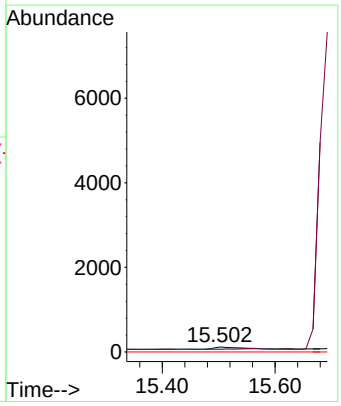


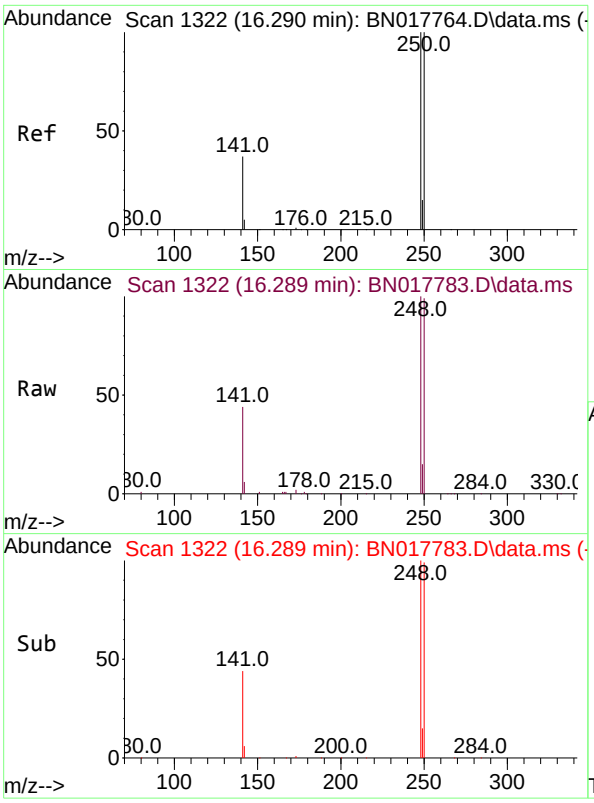


#20
4,6-Dinitro-2-methylphenol
Concen: 0.226 ng
RT: 15.502 min Scan# 1259
Delta R.T. 0.013 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:198 Resp: 214

Ion	Ratio	Lower	Upper
198	100		
182	55.9	44.2	66.2
77	0.0	0.0	0.0



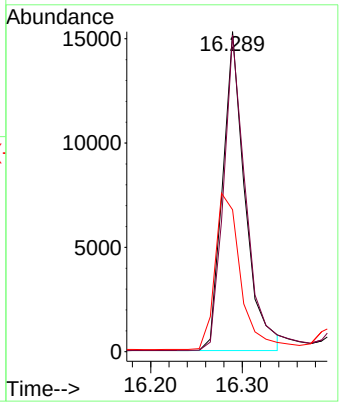


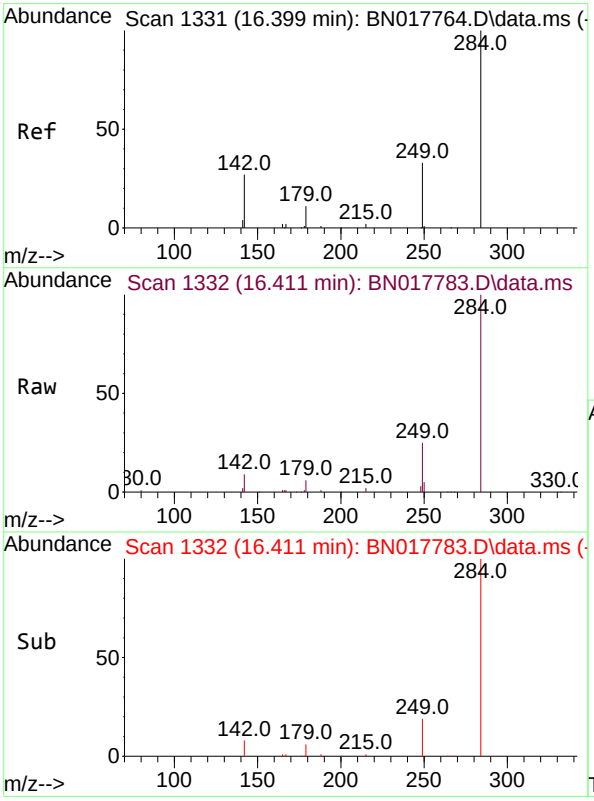
#21
4-Bromophenyl-phenylether
Concen: 0.319 ng
RT: 16.289 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:248 Resp: 25975

Ion	Ratio	Lower	Upper
248	100		
250	98.9	80.3	120.5
141	44.4	29.8	44.8

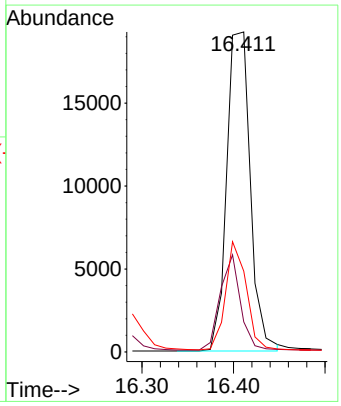


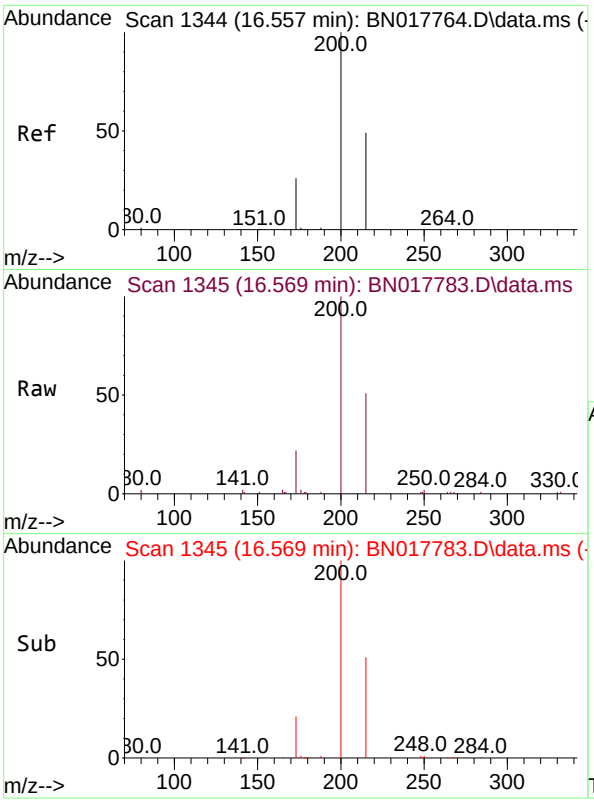


#22
Hexachlorobenzene
Concen: 0.356 ng
RT: 16.411 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:284 Resp: 34416

Ion	Ratio	Lower	Upper
284	100		
142	25.7	21.0	31.4
249	29.7	23.9	35.9



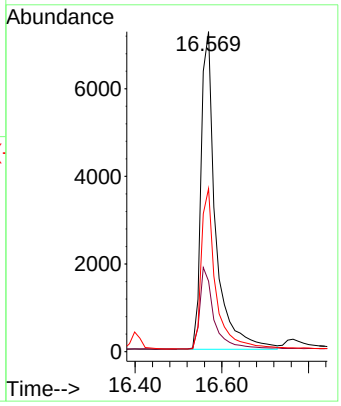


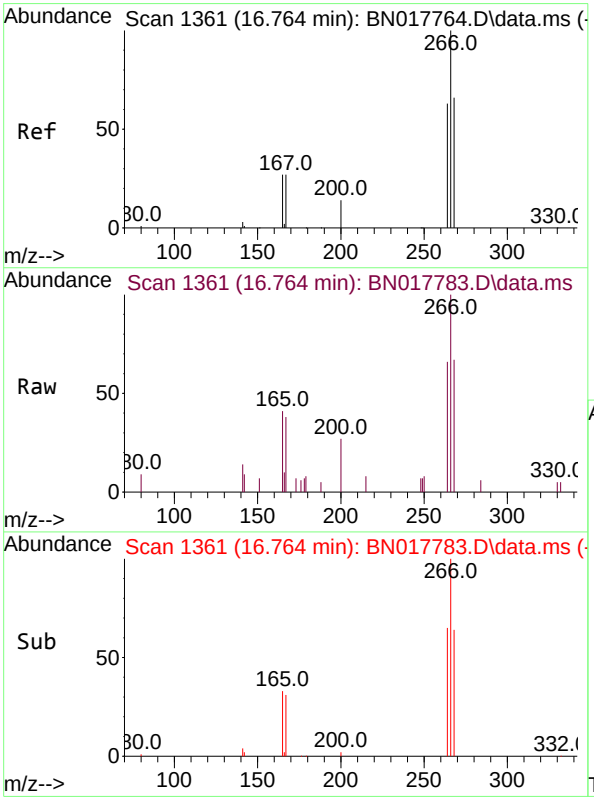
#23
Atrazine
Concen: 0.287 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.012 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:200 Resp: 16893

Ion	Ratio	Lower	Upper
200	100		
173	22.0	21.4	32.2
215	50.9	39.3	58.9

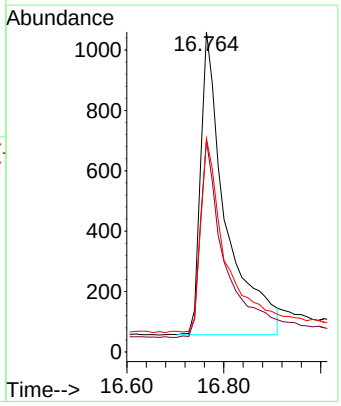


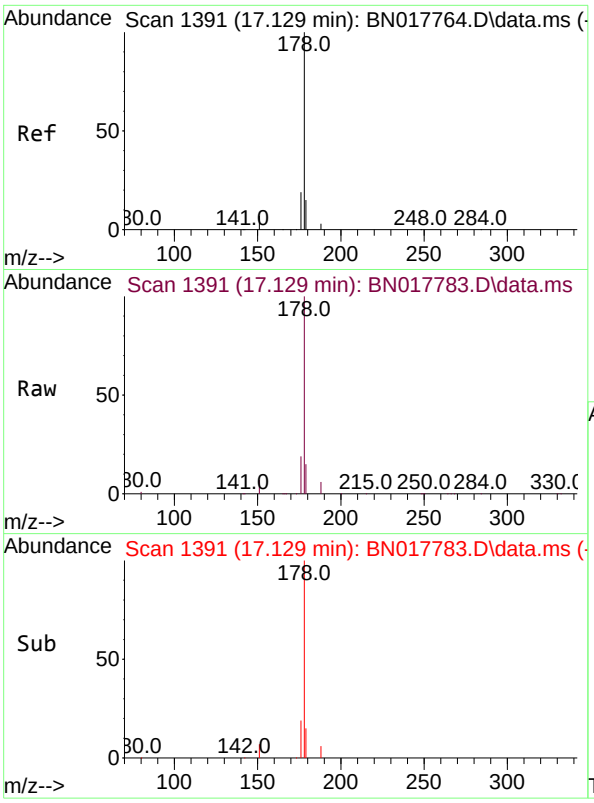


#24
Pentachlorophenol
Concen: 0.379 ng
RT: 16.764 min Scan# 1361
Delta R.T. 0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:266 Resp: 3616

Ion	Ratio	Lower	Upper
266	100		
264	64.4	50.8	76.2
268	63.5	51.8	77.6



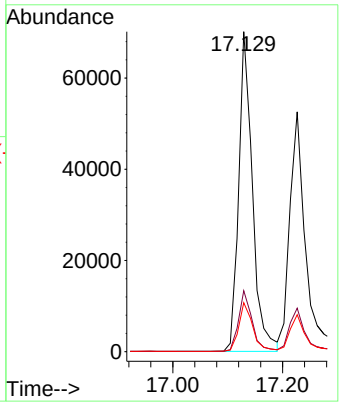


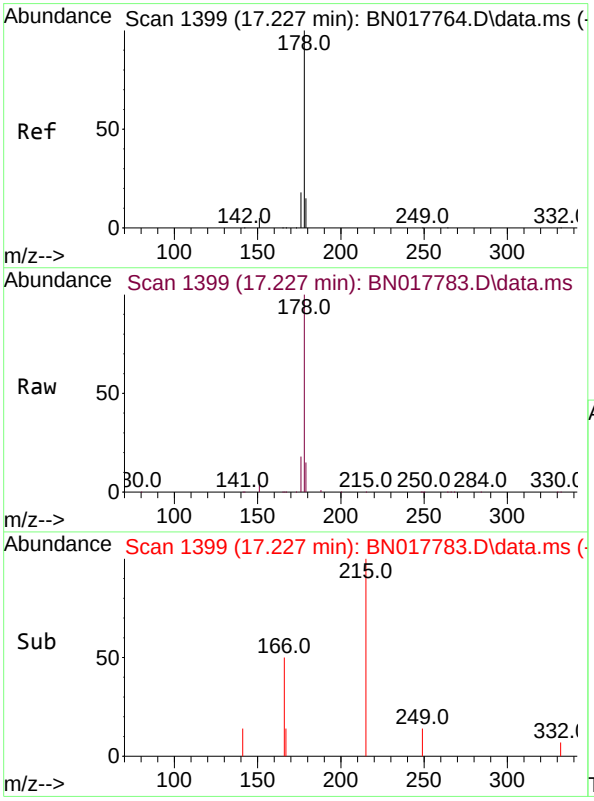
#25
Phenanthrene
Concen: 0.343 ng
RT: 17.129 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:178 Resp: 121340

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.6	12.5	18.7

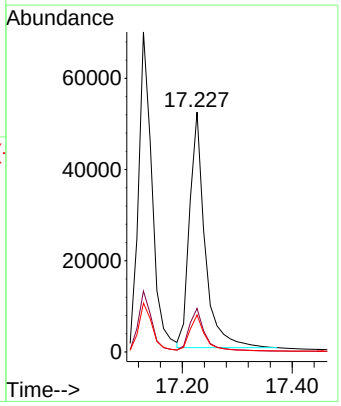


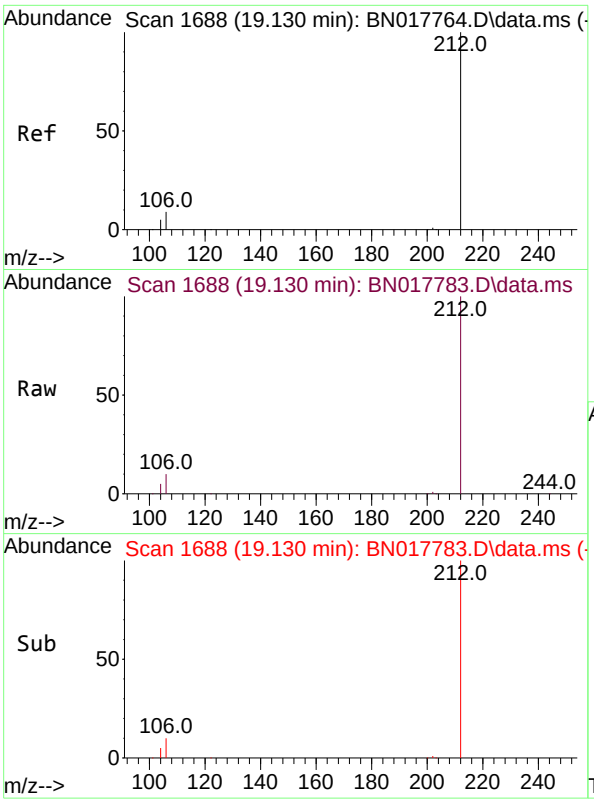


#26
Anthracene
Concen: 0.324 ng
RT: 17.227 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:178 Resp: 100662

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.4	12.2	18.4



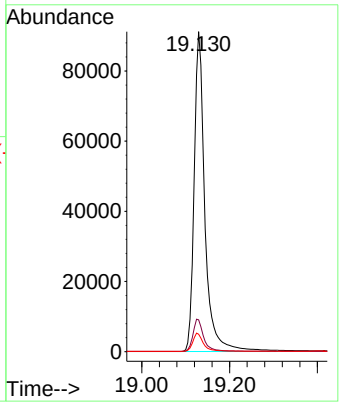


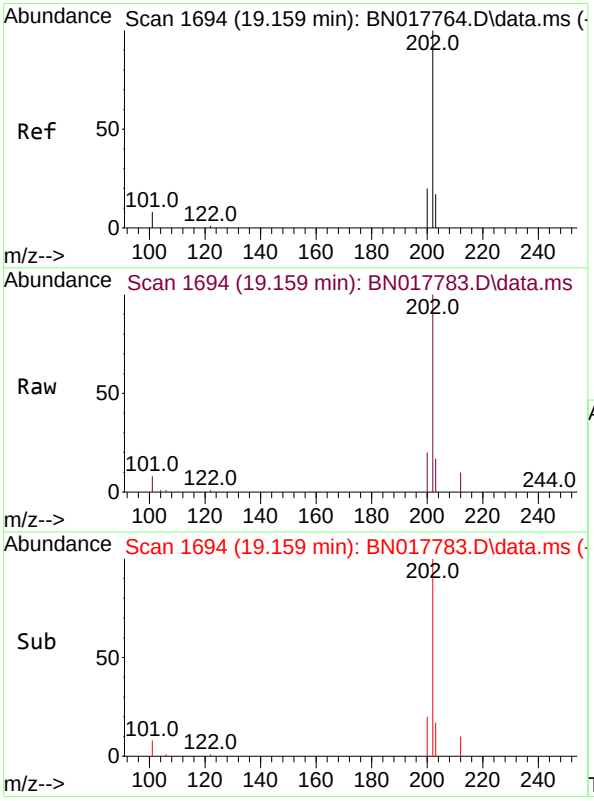
#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.130 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:212 Resp: 154944

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.7	4.6	6.8

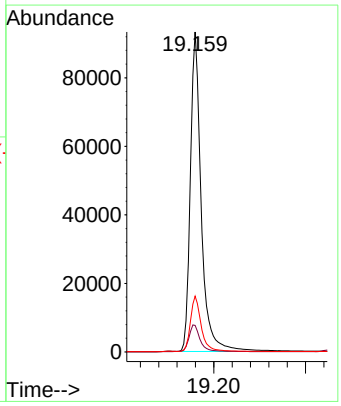


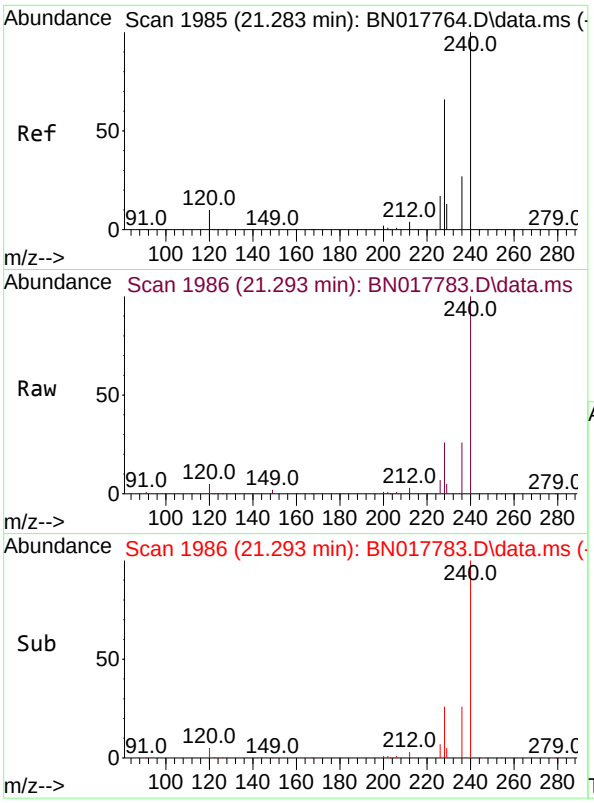


#28
Fluoranthene
Concen: 0.358 ng
RT: 19.159 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:202 Resp: 153999

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.2	10.8
203	17.2	13.7	20.5



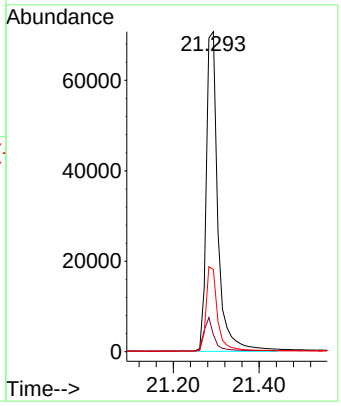


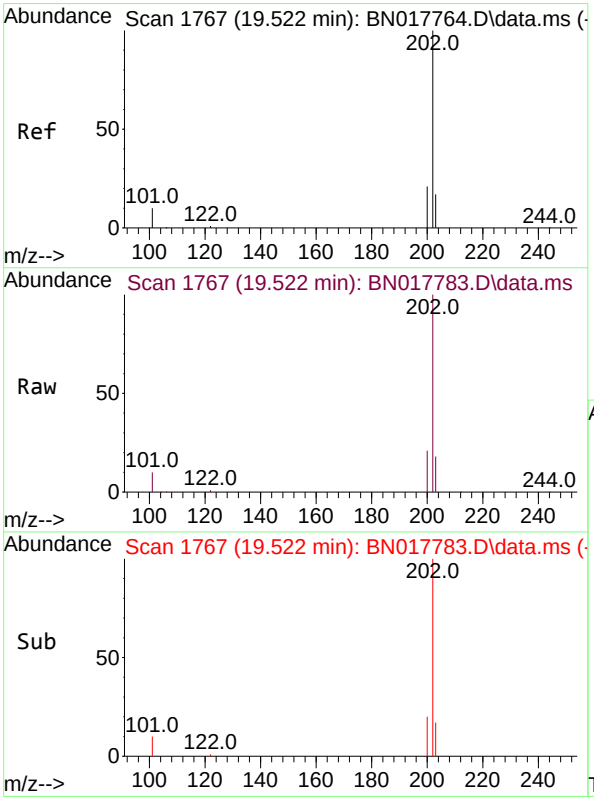
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:240 Resp: 132873

Ion	Ratio	Lower	Upper
240	100		
120	5.3	7.9	11.9#
236	25.7	21.4	32.2

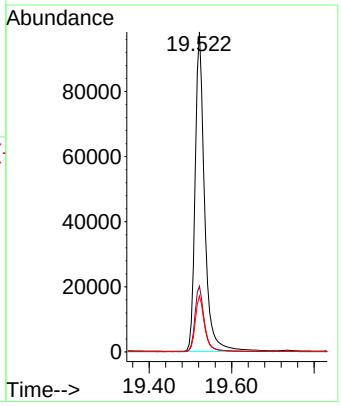


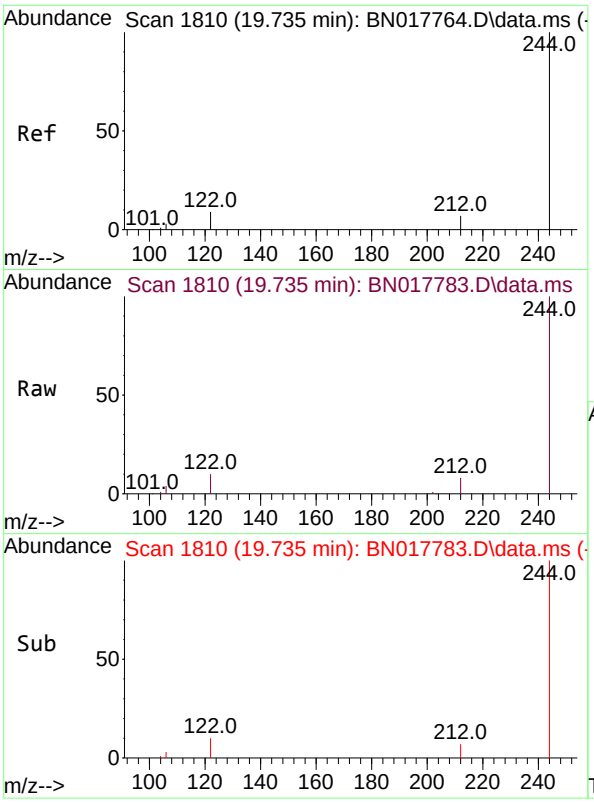


#30
Pyrene
Concen: 0.371 ng
RT: 19.522 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:202 Resp: 156125

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.6	14.0	21.0



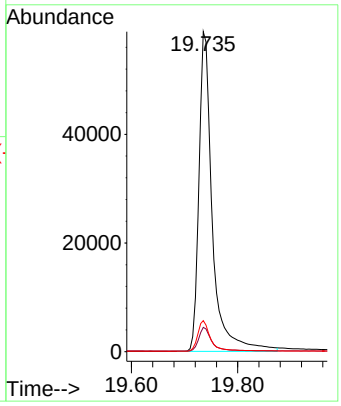


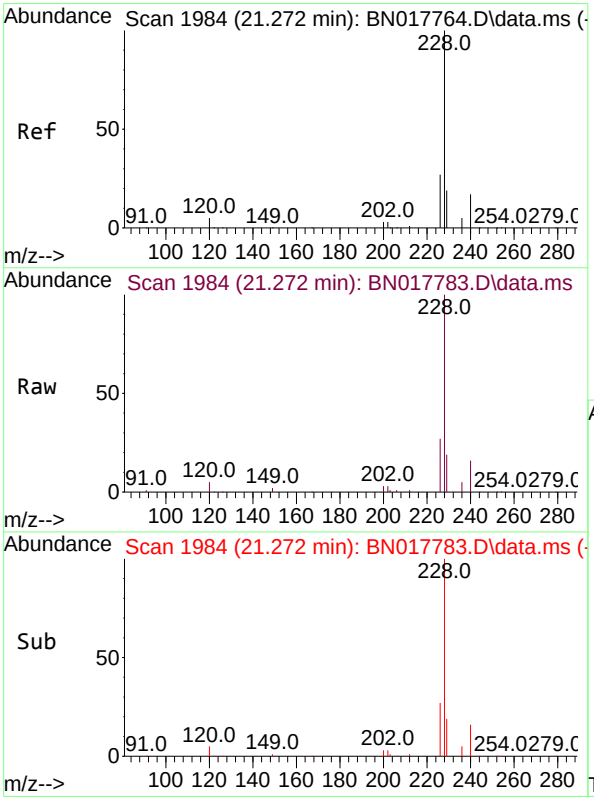
#31
Terphenyl-d14
Concen: 0.361 ng
RT: 19.735 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:244 Resp: 103041

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.7	7.1	10.7

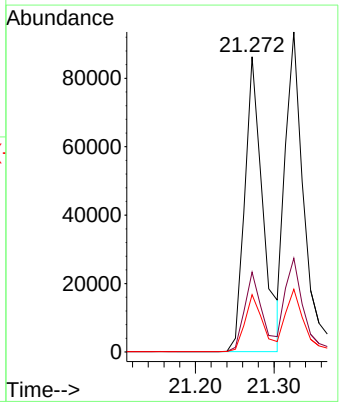


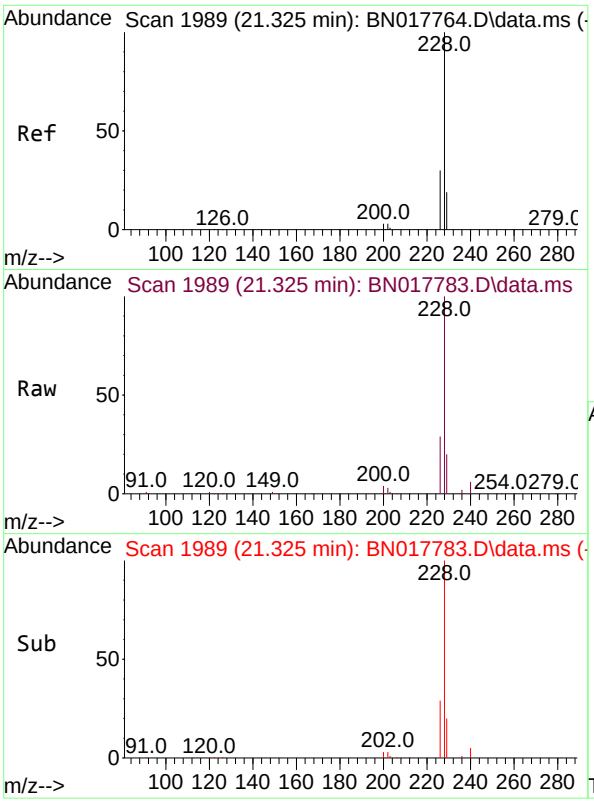


#32
Benzo(a)anthracene
Concen: 0.338 ng
RT: 21.272 min Scan# 1984
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:228 Resp: 138271

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.0
229	19.4	15.7	23.5



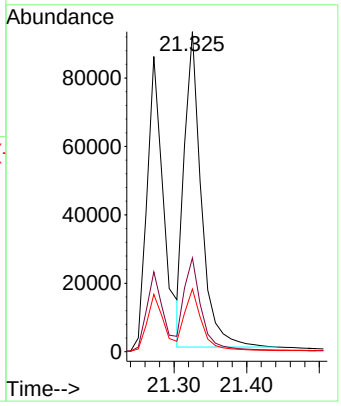


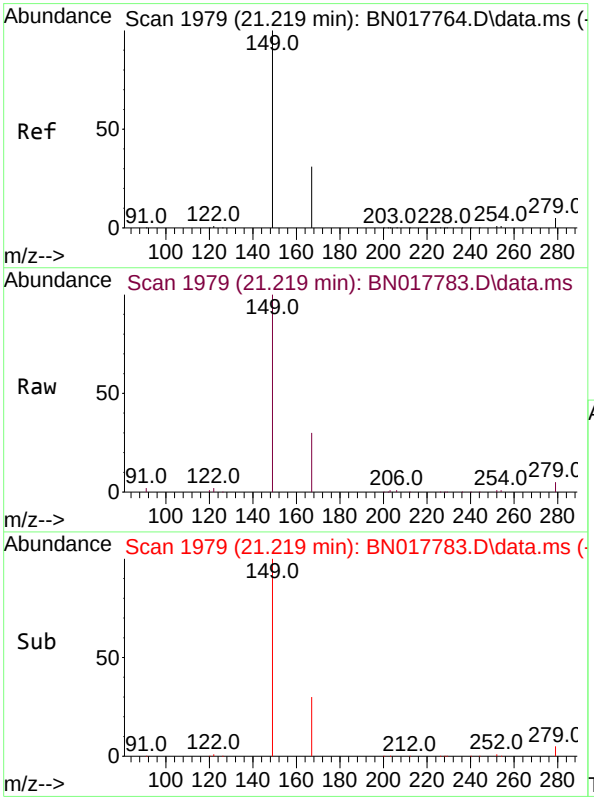
#33
Chrysene
Concen: 0.348 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:228 Resp: 148851

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.6	35.4
229	19.6	15.6	23.4

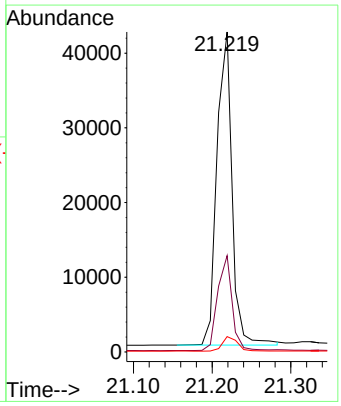


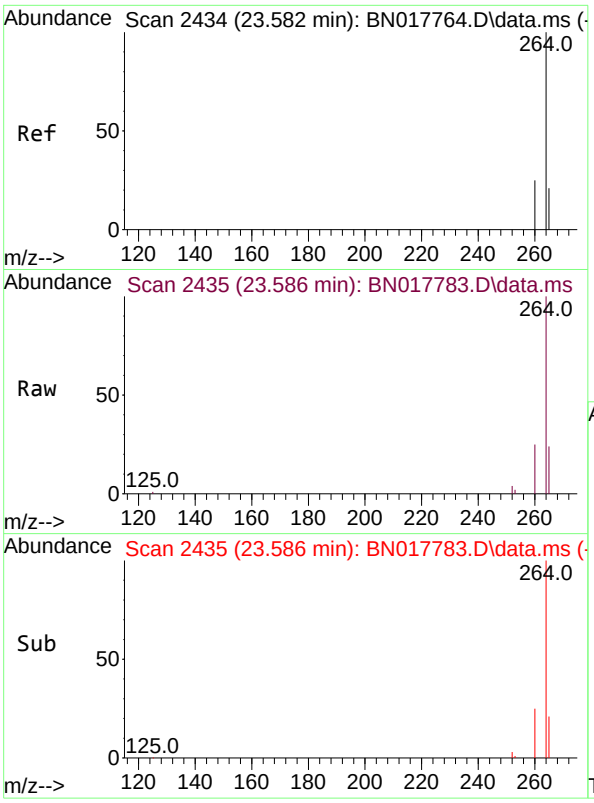


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.300 ng
RT: 21.219 min Scan# 1979
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:149 Resp: 55642

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.5	35.3
279	4.6	3.8	5.6



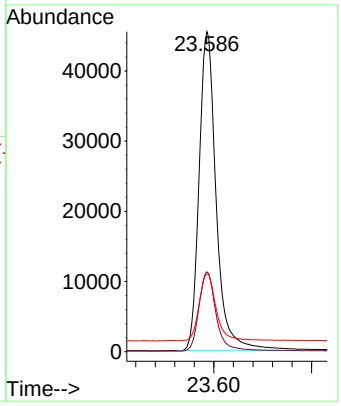


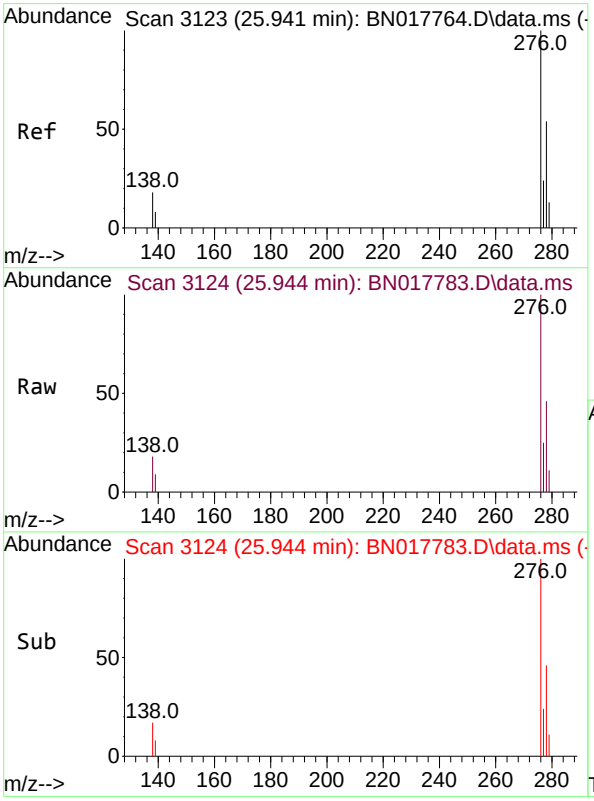
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.586 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:264 Resp: 110652

Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.0	30.0
265	24.2	20.5	30.7

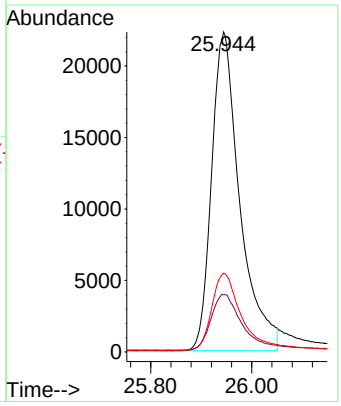


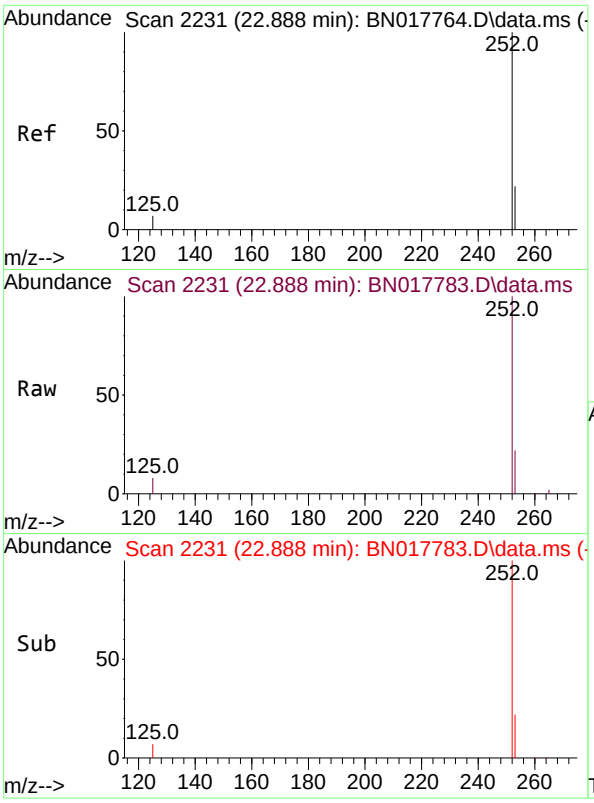


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.282 ng
RT: 25.944 min Scan# 3124
Delta R.T. 0.003 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:276 Resp: 86407

Ion	Ratio	Lower	Upper
276	100		
138	19.1	15.0	22.4
277	24.9	19.8	29.8



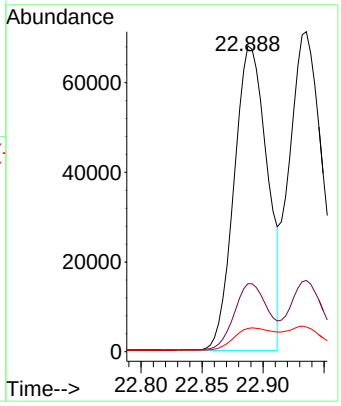


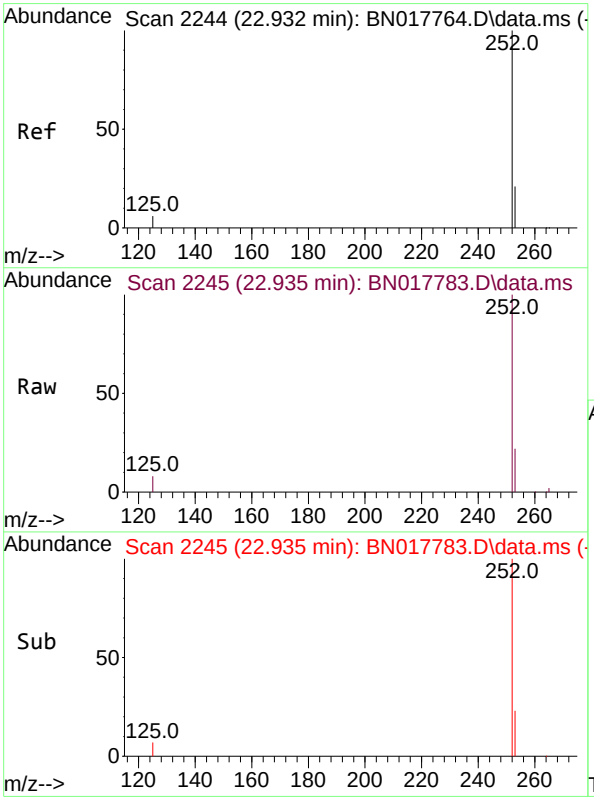
#37
Benzo(b)fluoranthene
Concen: 0.342 ng
RT: 22.888 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:252 Resp: 128608

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	7.6	6.2	9.2

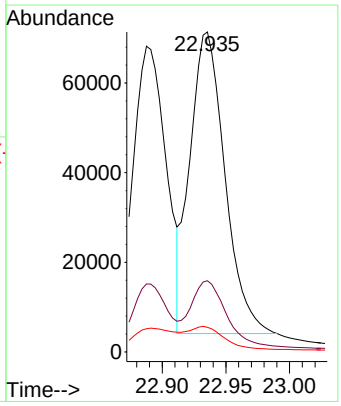


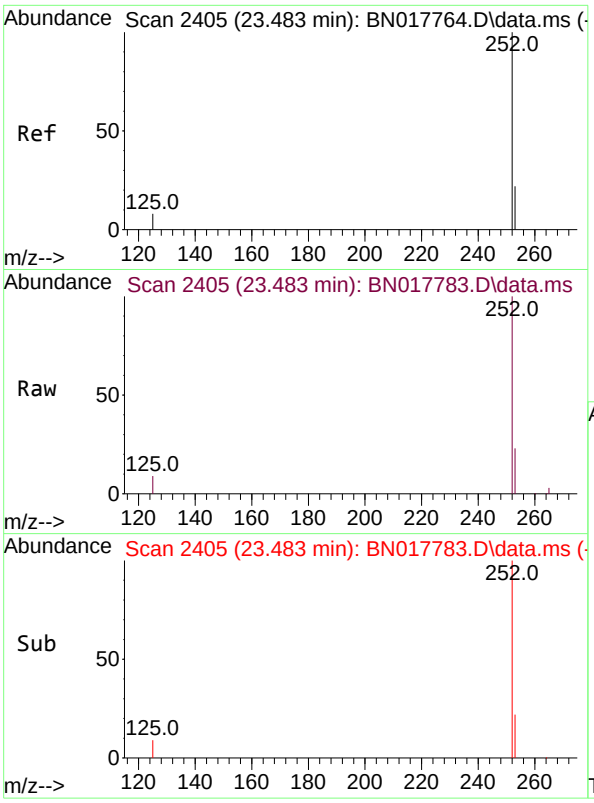


#38
Benzo(k)fluoranthene
Concen: 0.362 ng
RT: 22.935 min Scan# 2245
Delta R.T. 0.003 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:252 Resp: 128377

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	7.7	6.2	9.2



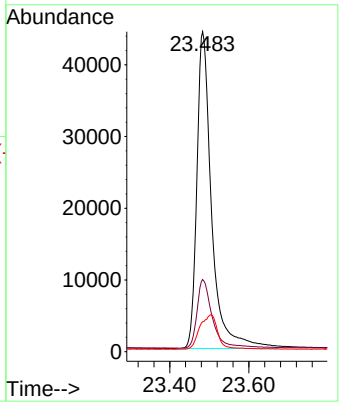


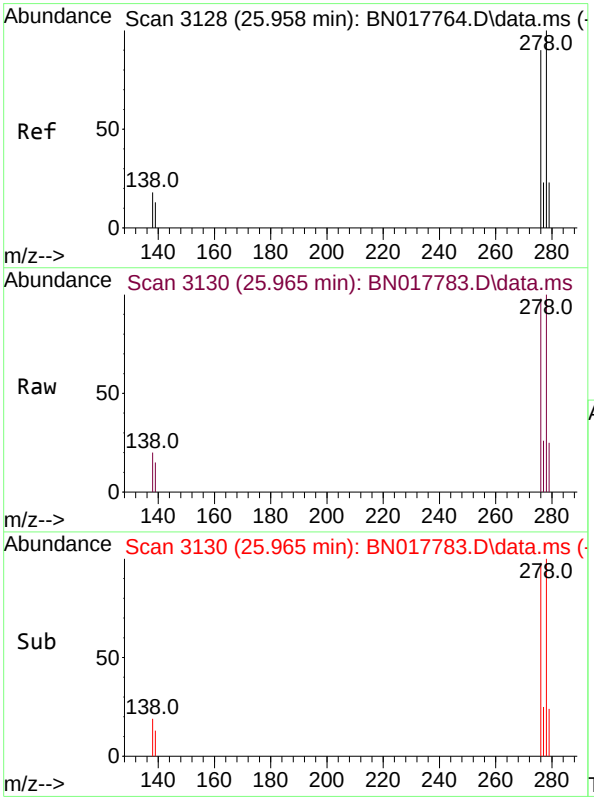
#39
Benzo(a)pyrene
Concen: 0.338 ng
RT: 23.483 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:252 Resp: 114336

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	9.3	7.0	10.4

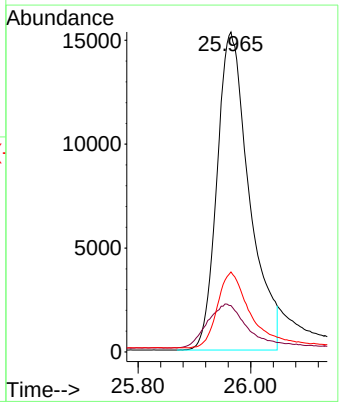


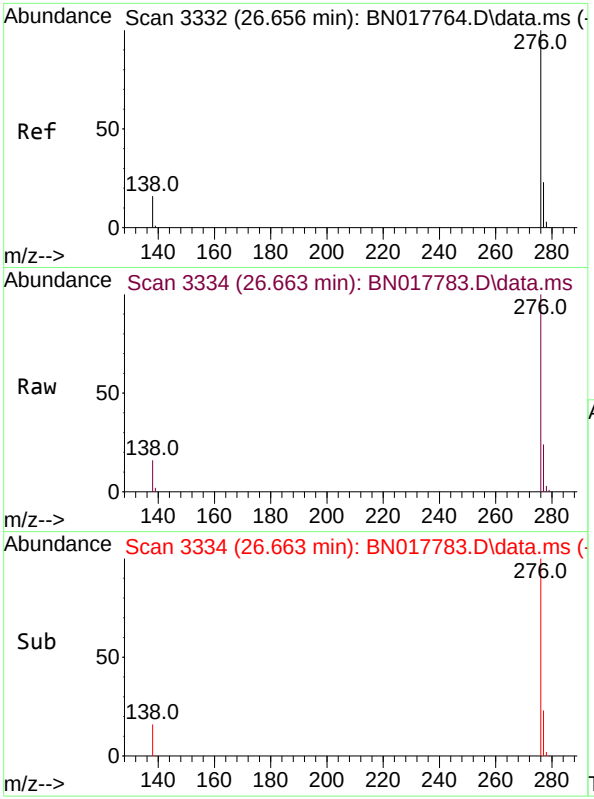


#40
Dibenzo(a,h)anthracene
Concen: 0.256 ng
RT: 25.965 min Scan# 3130
Delta R.T. 0.007 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Tgt Ion:278 Resp: 60823

Ion	Ratio	Lower	Upper
278	100		
139	14.5	10.8	16.2
279	25.0	19.1	28.7





#41
Benzo(g,h,i)perylene
Concen: 0.296 ng
RT: 26.663 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN017783.D
Acq: 08 Dec 2021 04:23

Instrument :
BNA_N
ClientSampleId :
PB141179BSD

Tgt Ion:276 Resp: 75570

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	16.2	13.2	19.8