Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017914.D
Acq On : 11 Dec 2021 21:25
Operator : CG/JU
Sample : PB141193BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Quant Time: Dec 12 02:51:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	31778	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	128215	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	78988	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	151648	0.400	ng		0.00
29) Chrysene-d12	21.293	240	109691	0.400	ng		0.00
35) Perylene-d12	23.589	264	76593	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	22080	0.337	ng		0.00
5) Phenol-d6	6.894	99	21516	0.331	ng		0.00
8) Nitrobenzene-d5	8.859	82	23681	0.283	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	78233	0.347	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4419	0.435	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	95829	0.345	ng		0.00
27) Fluoranthene-d10	19.129	212	160977	0.327	ng		0.00
31) Terphenyl-d14	19.740	244	96238	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3421	0.355	ng		99
3) n-Nitrosodimethylamine	3.602	42	9917	0.340	ng		97
6) bis(2-Chloroethyl)ether	7.143	93	28841	0.362	ng		99
9) Naphthalene	10.545	128	110785	0.347	ng		100
10) Hexachlorobutadiene	10.836	225	30646	0.337	ng	#	100
12) 2-Methylnaphthalene	12.161	142	75232	0.355	ng		99
16) Acenaphthylene	14.055	152	95010	0.322	ng		100
17) Acenaphthene	14.398	154	72077	0.352	ng		100
18) Fluorene	15.388	166	85088	0.341	ng		100
20) 4,6-Dinitro-2-methylph...	15.540	198	17	Below Cal			84
21) 4-Bromophenyl-phenylether	16.289	248	27962	0.322	ng		99
22) Hexachlorobenzene	16.399	284	39534	0.349	ng		99
23) Atrazine	16.569	200	17094	0.320	ng		99
24) Pentachlorophenol	16.776	266	746	0.331	ng		97
25) Phenanthrene	17.129	178	133667	0.345	ng		100
26) Anthracene	17.226	178	104768	0.324	ng		99
28) Fluoranthene	19.159	202	164032	0.344	ng		100
30) Pyrene	19.522	202	160365	0.373	ng		100
32) Benzo(a)anthracene	21.282	228	89434	0.304	ng		99
33) Chrysene	21.325	228	126278	0.350	ng		100
34) Bis(2-ethylhexyl)phtha...	21.219	149	33437	0.284	ng		100
36) Indeno(1,2,3-cd)pyrene	25.968	276	34300	0.301	ng		99
37) Benzo(b)fluoranthene	22.898	252	76891	0.304	ng		99
38) Benzo(k)fluoranthene	22.942	252	72250	0.293	ng		100
39) Benzo(a)pyrene	23.497	252	71024	0.316	ng		99
40) Dibenzo(a,h)anthracene	25.995	278	19637	0.279	ng		98
41) Benzo(g,h,i)perylene	26.680	276	36704	0.302	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017914.D
Acq On : 11 Dec 2021 21:25
Operator : CG/JU
Sample : PB141193BS
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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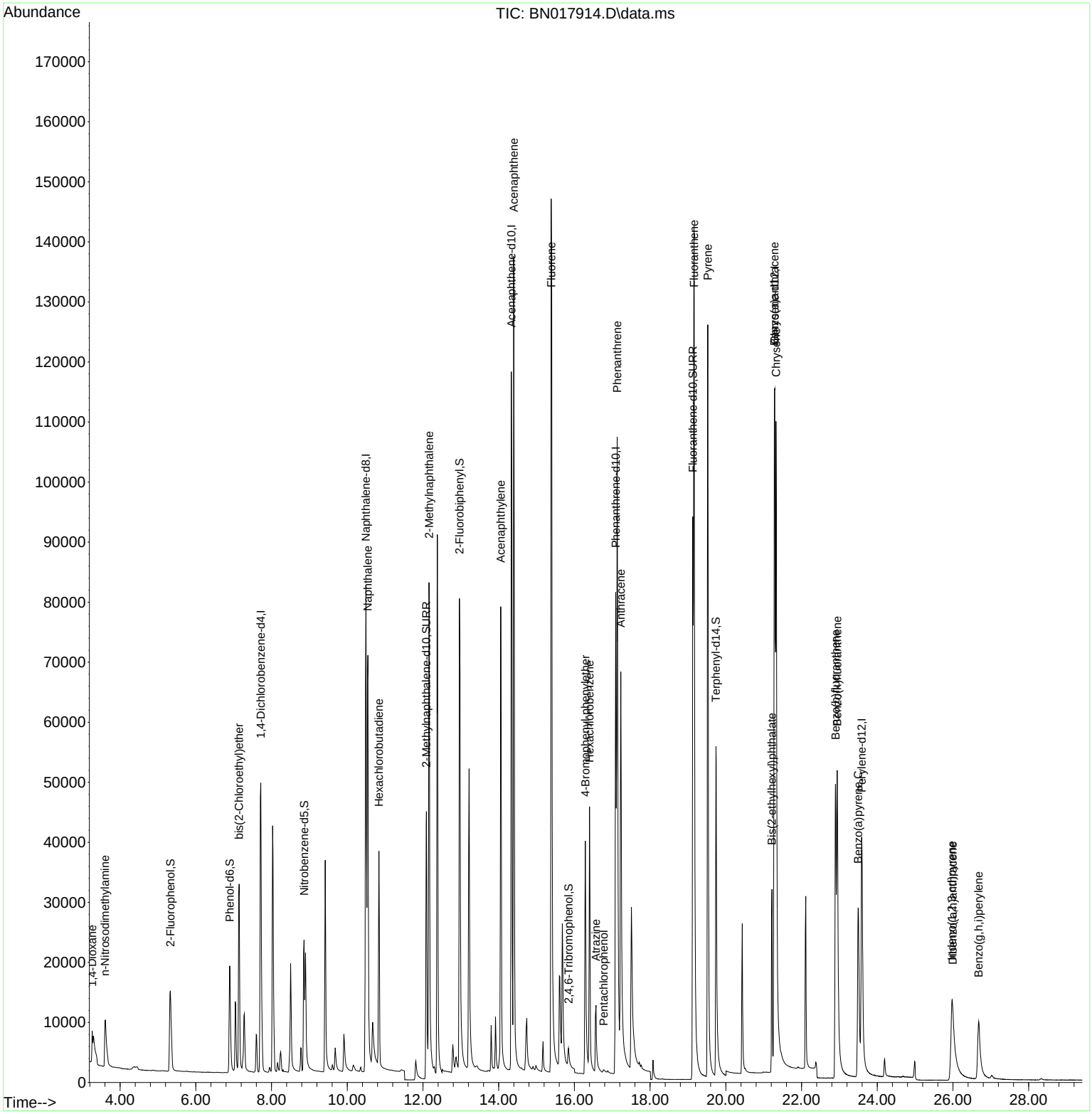
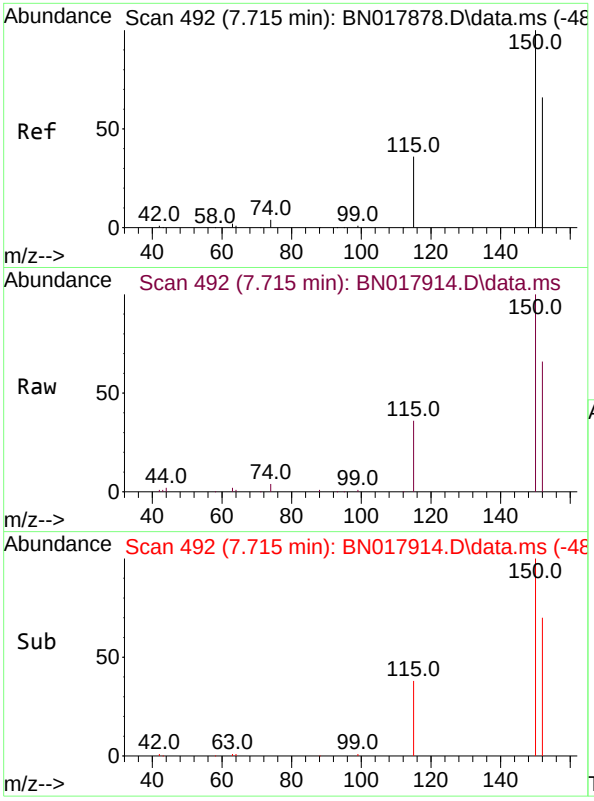
Quant Time: Dec 12 02:51:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration



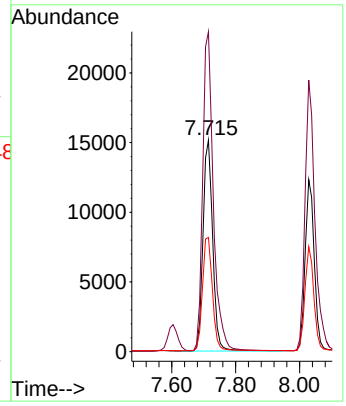


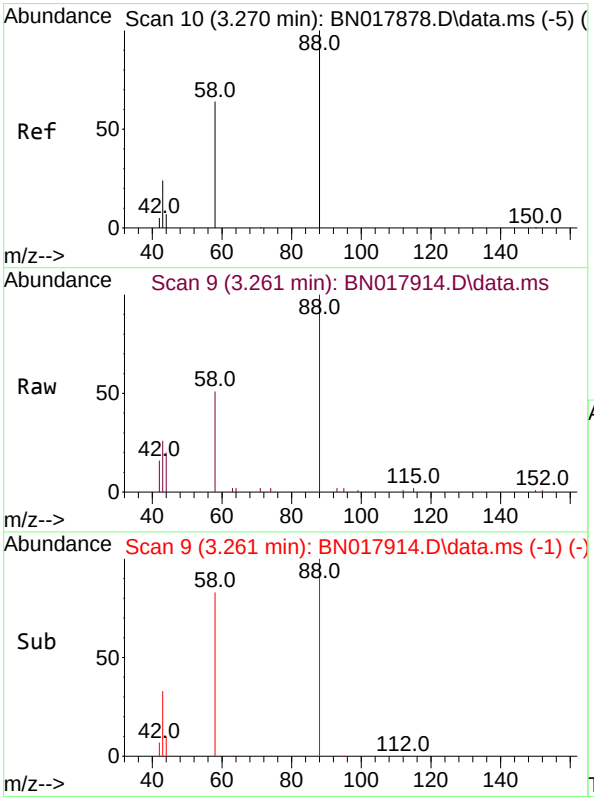
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.715 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:152 Resp: 31778

Ion	Ratio	Lower	Upper
152	100		
150	151.3	121.9	182.9
115	54.0	44.1	66.1

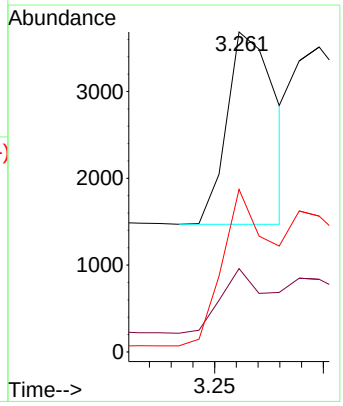


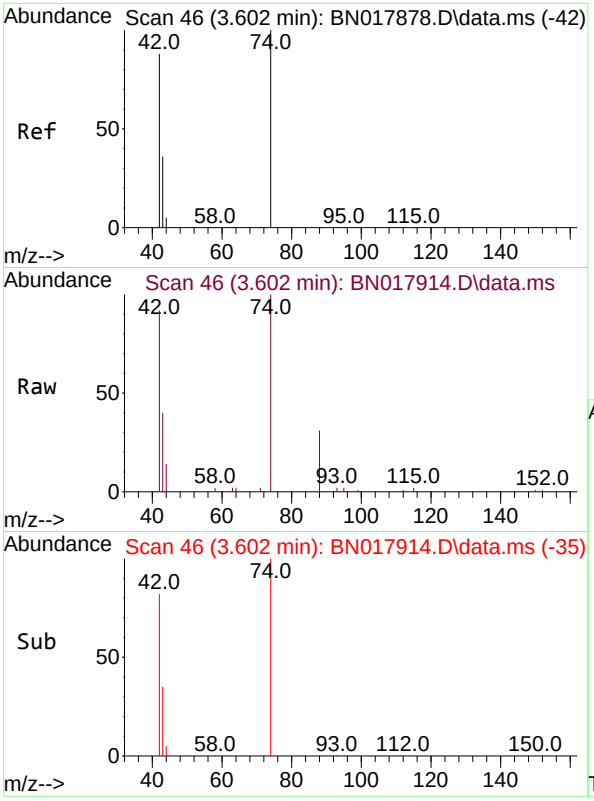


#2
1,4-Dioxane
Concen: 0.355 ng
RT: 3.261 min Scan# 9
Delta R.T. -0.009 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion: 88 Resp: 3421

Ion	Ratio	Lower	Upper
88	100		
43	33.8	28.0	42.0
58	82.5	65.4	98.0



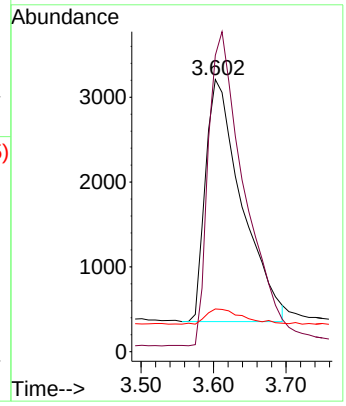


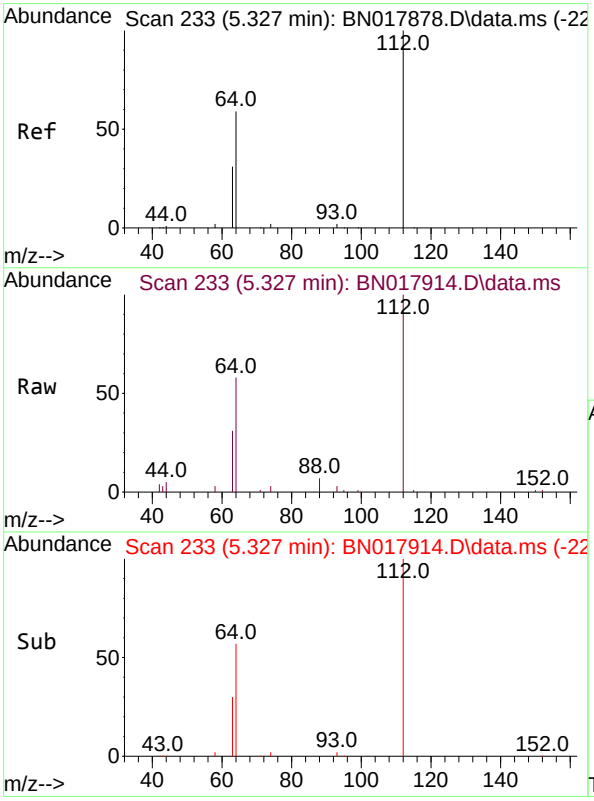
#3
n-Nitrosodimethylamine
Concen: 0.340 ng
RT: 3.602 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion: 42 Resp: 9917

Ion	Ratio	Lower	Upper
42	100		
74	129.7	100.6	150.8
44	6.4	5.2	7.8

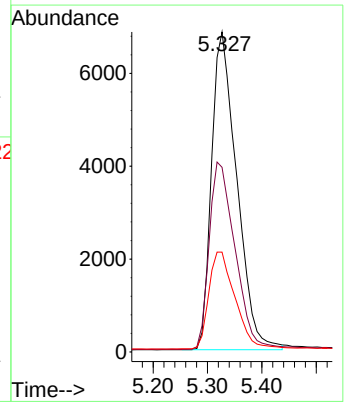


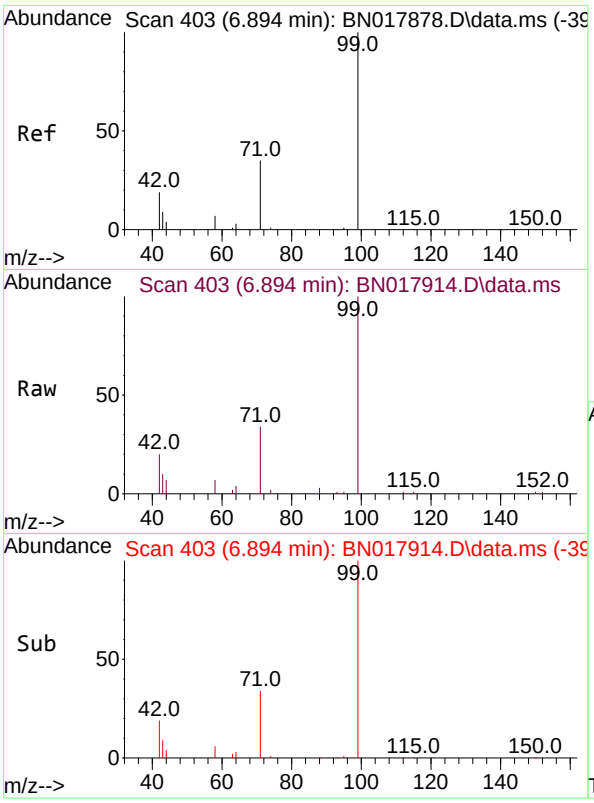


#4
2-Fluorophenol
Concen: 0.337 ng
RT: 5.327 min Scan# 233
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:112 Resp: 22080

Ion	Ratio	Lower	Upper
112	100		
64	60.5	49.0	73.4
63	31.6	26.2	39.2



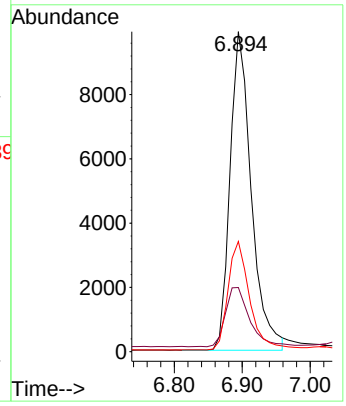


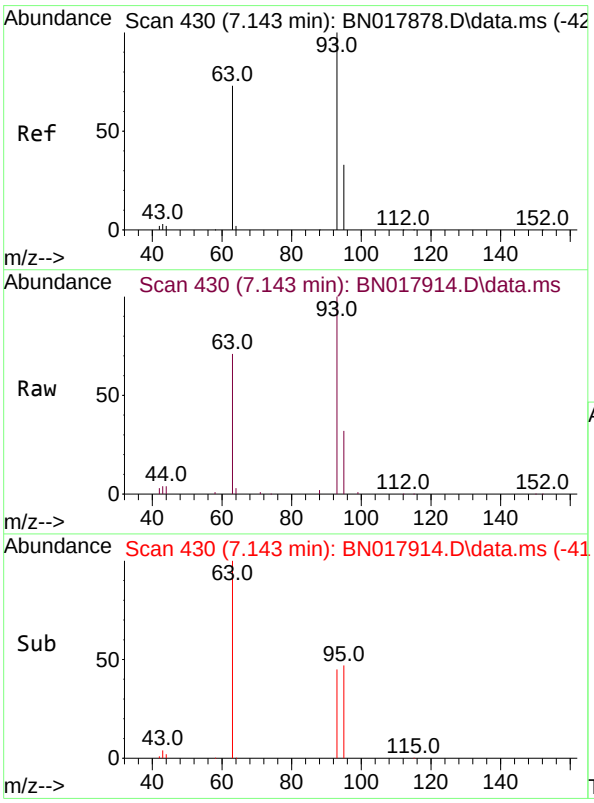
#5
Phenol-d6
Concen: 0.331 ng
RT: 6.894 min Scan# 4(
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion: 99 Resp: 21516

Ion	Ratio	Lower	Upper
99	100		
42	21.0	17.0	25.4
71	34.2	28.0	42.0

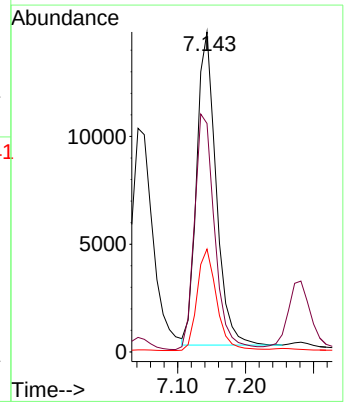


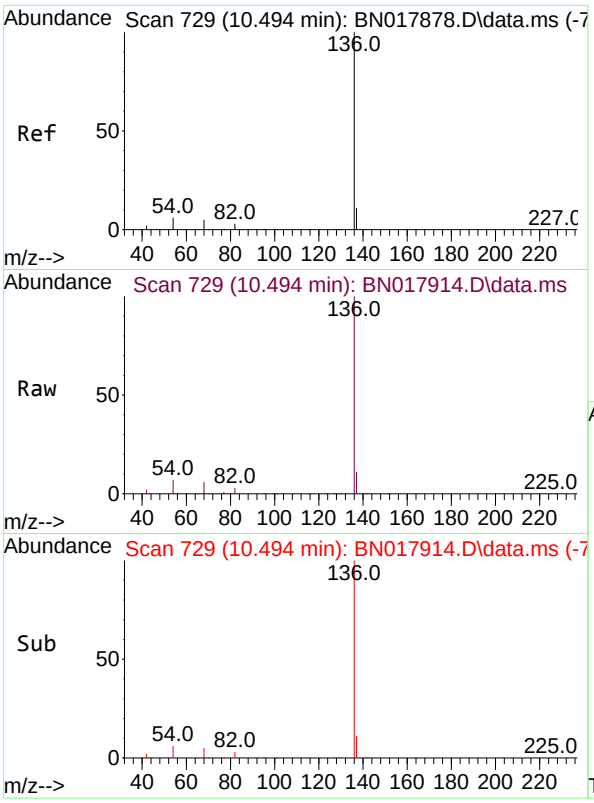


#6
bis(2-Chloroethyl)ether
Concen: 0.362 ng
RT: 7.143 min Scan# 430
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion: 93 Resp: 28841

Ion	Ratio	Lower	Upper
93	100		
63	78.3	62.0	93.0
95	32.8	26.2	39.4



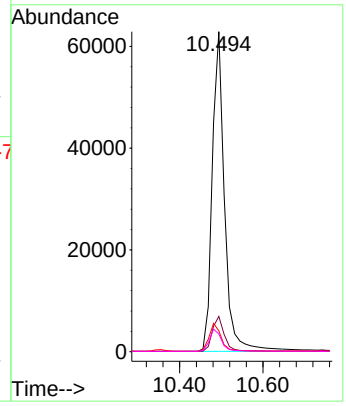


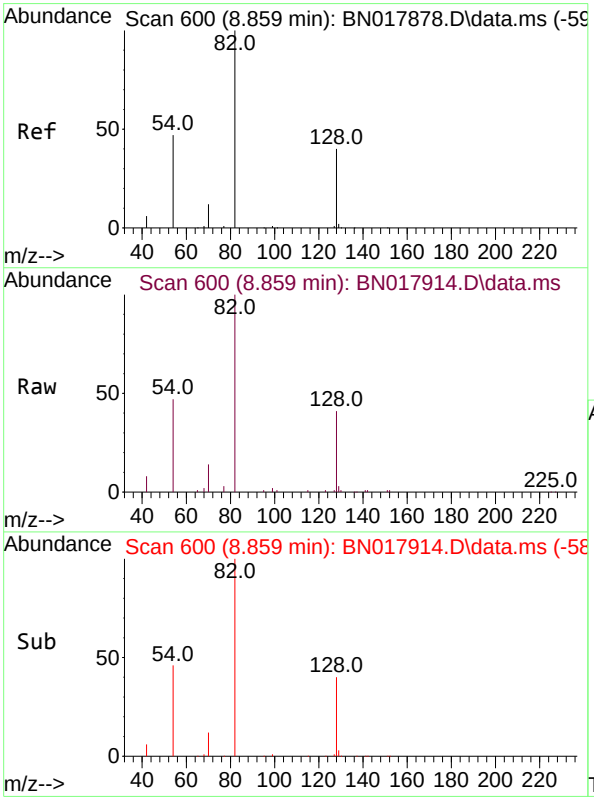
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.494 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:136 Resp: 128215

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.5	5.1	7.7
68	5.5	4.4	6.6

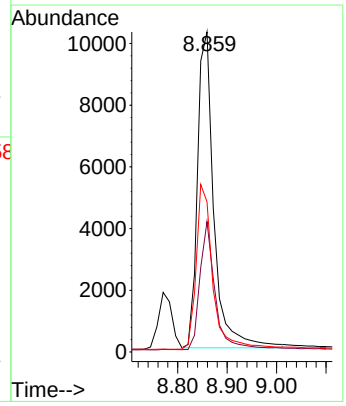


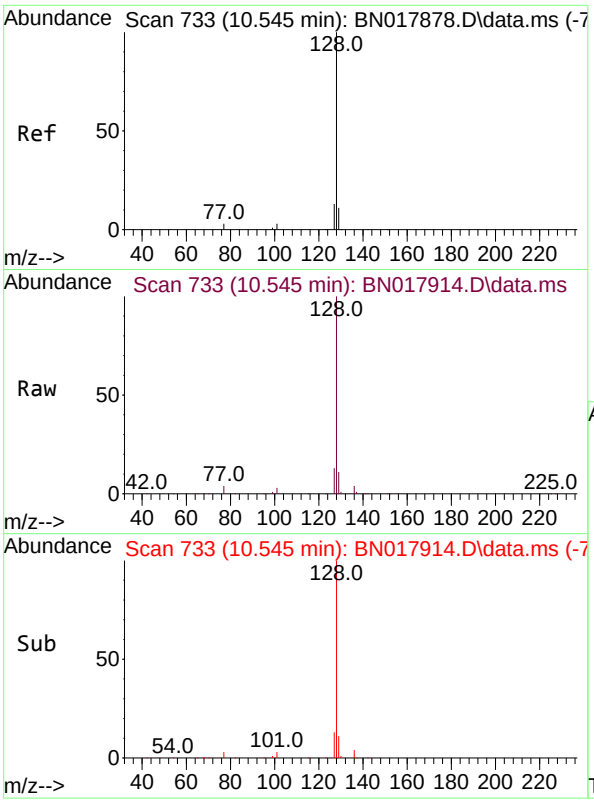


#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.859 min Scan# 600
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion: 82 Resp: 23681

Ion	Ratio	Lower	Upper
82	100		
128	40.7	32.2	48.4
54	46.9	37.6	56.4



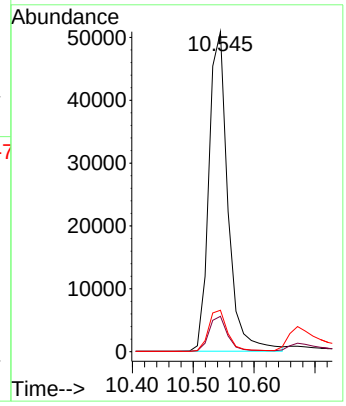


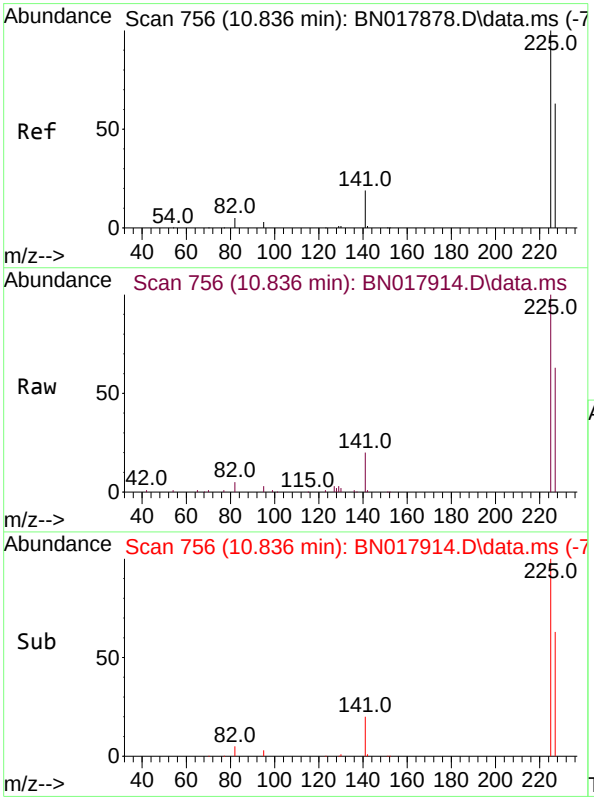
#9
Naphthalene
Concen: 0.347 ng
RT: 10.545 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:128 Resp: 110785

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.0	10.5	15.7

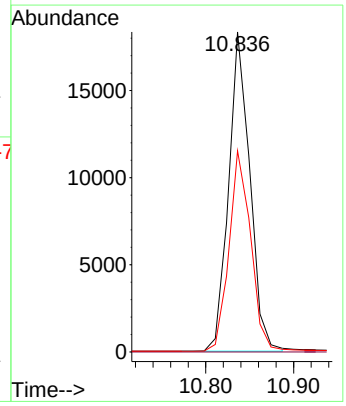


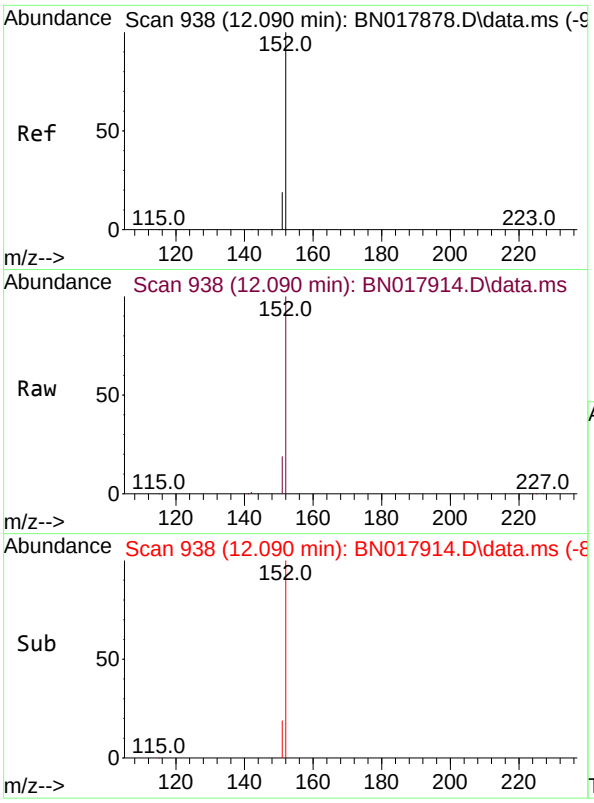


#10
Hexachlorobutadiene
Concen: 0.337 ng
RT: 10.836 min Scan# 756
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:225 Resp: 30646

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	51.1	76.7



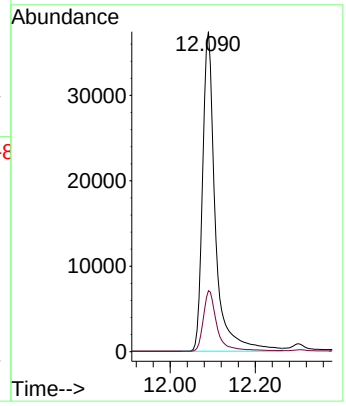


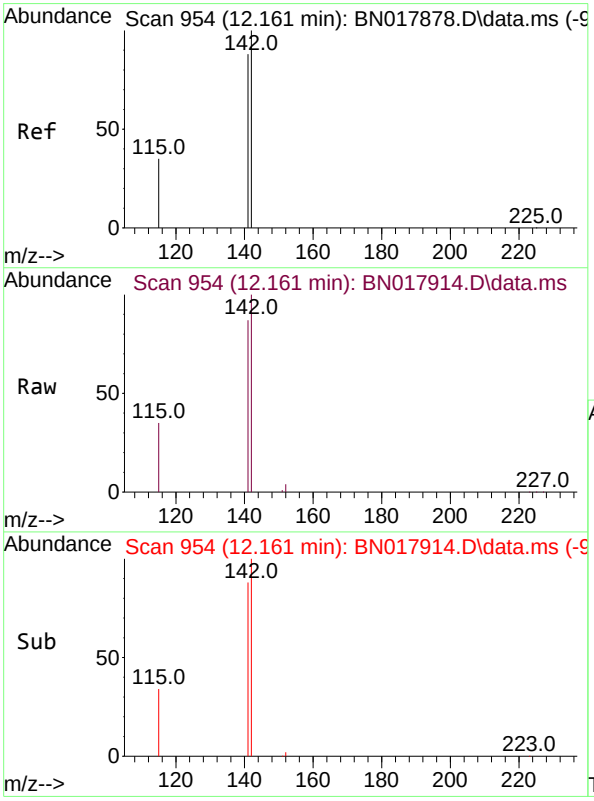
#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.090 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:152 Resp: 78233

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6

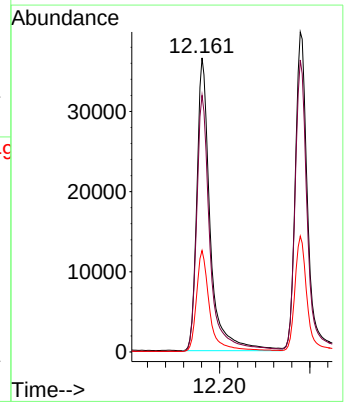


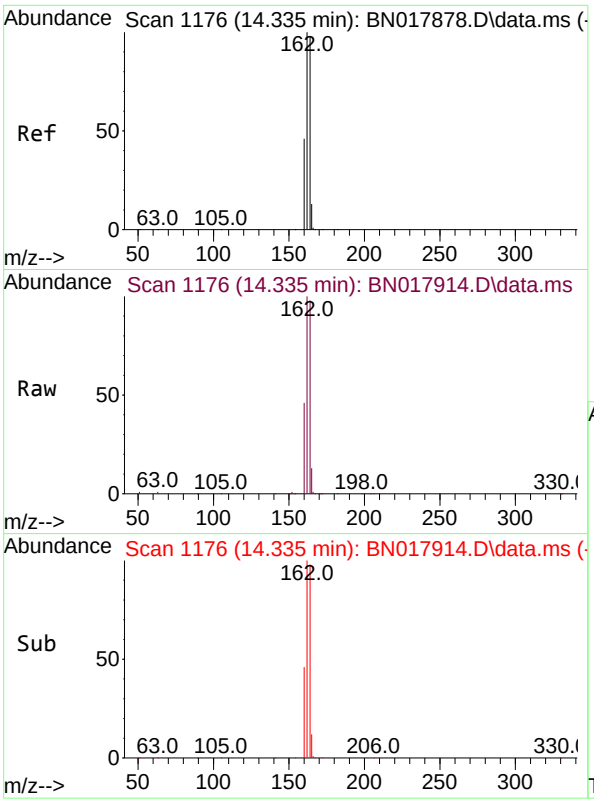


#12
2-Methylnaphthalene
Concen: 0.355 ng
RT: 12.161 min Scan# 954
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:142 Resp: 75232

Ion	Ratio	Lower	Upper
142	100		
141	87.3	70.6	105.8
115	34.5	27.8	41.6



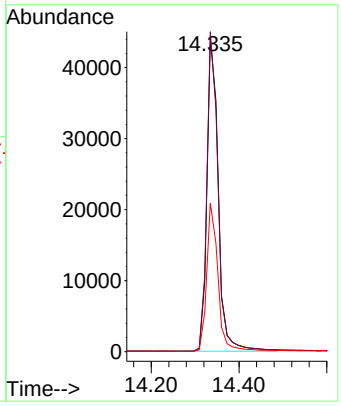


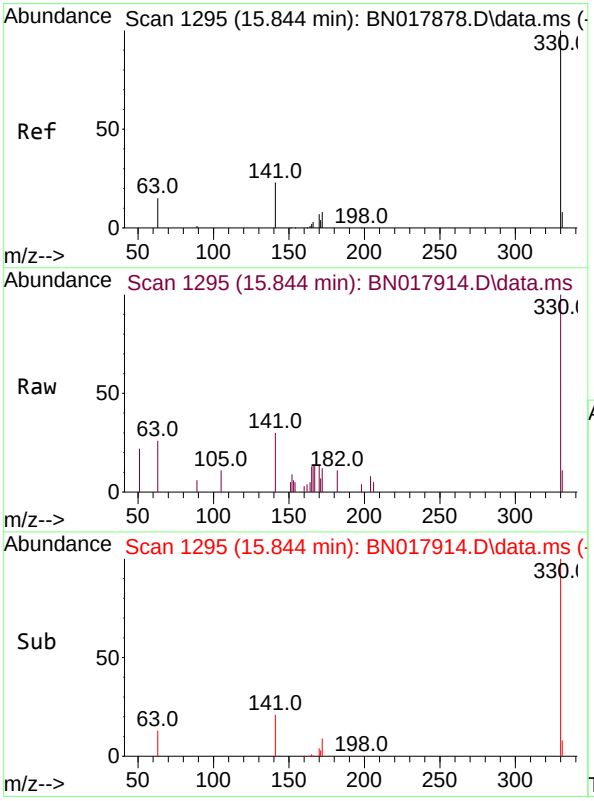
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.335 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:164 Resp: 78988

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.1	123.1
160	47.4	38.2	57.2

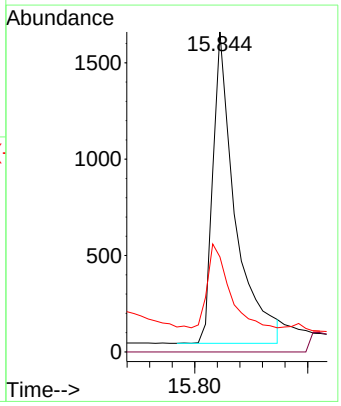


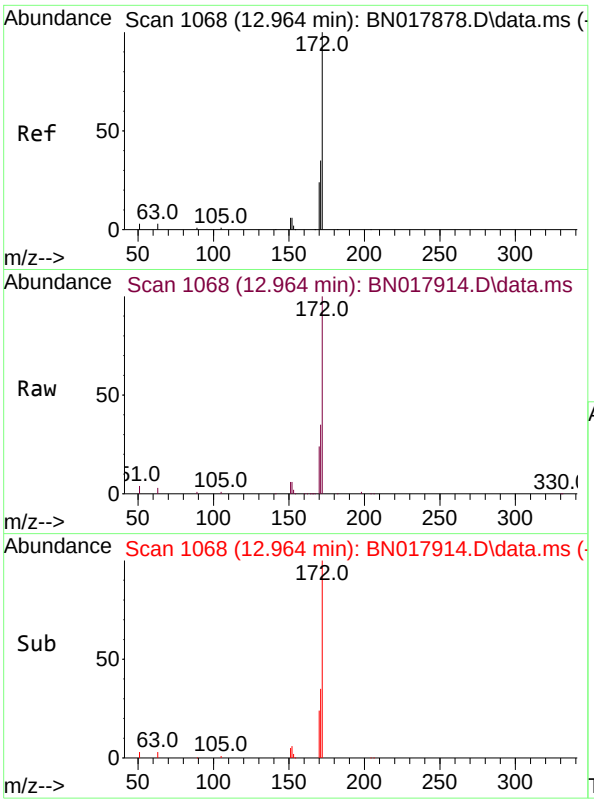


#14
2,4,6-Tribromophenol
Concen: 0.435 ng
RT: 15.844 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:330 Resp: 4419

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.0	19.7	29.5



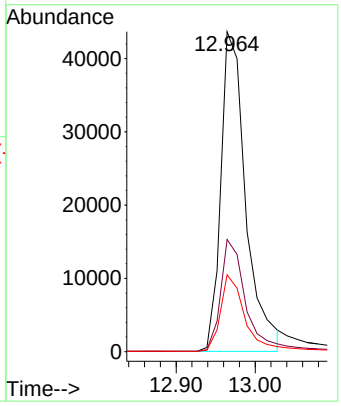


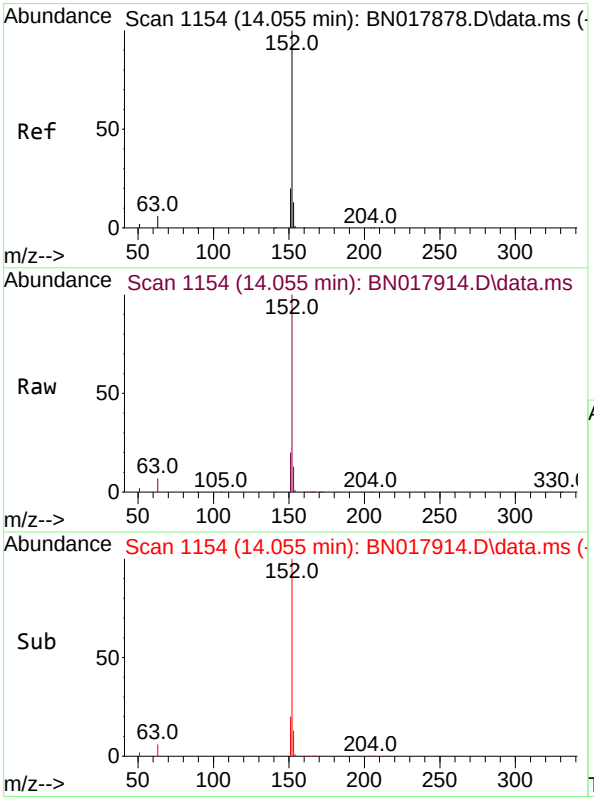
#15
2-Fluorobiphenyl
Concen: 0.345 ng
RT: 12.964 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:172 Resp: 95829

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.3	42.5
170	24.0	19.1	28.7

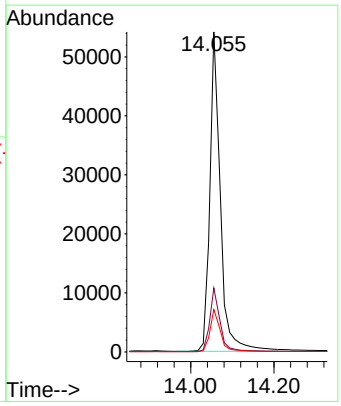


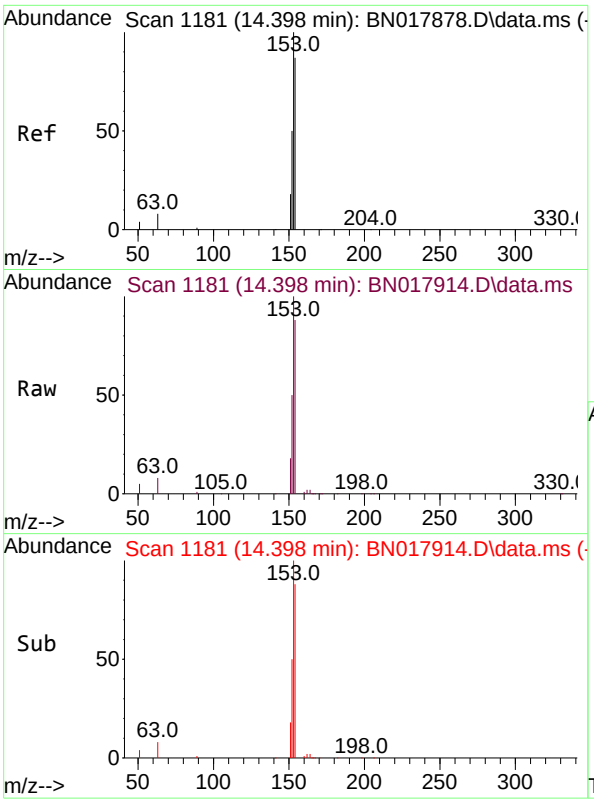


#16
Acenaphthylene
Concen: 0.322 ng
RT: 14.055 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:152 Resp: 95010

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.2	10.5	15.7



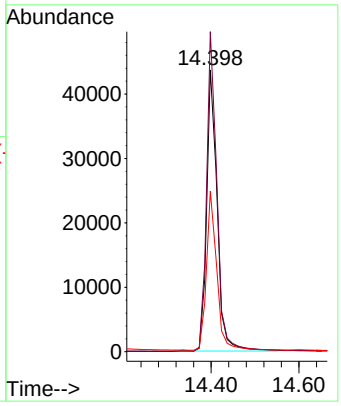


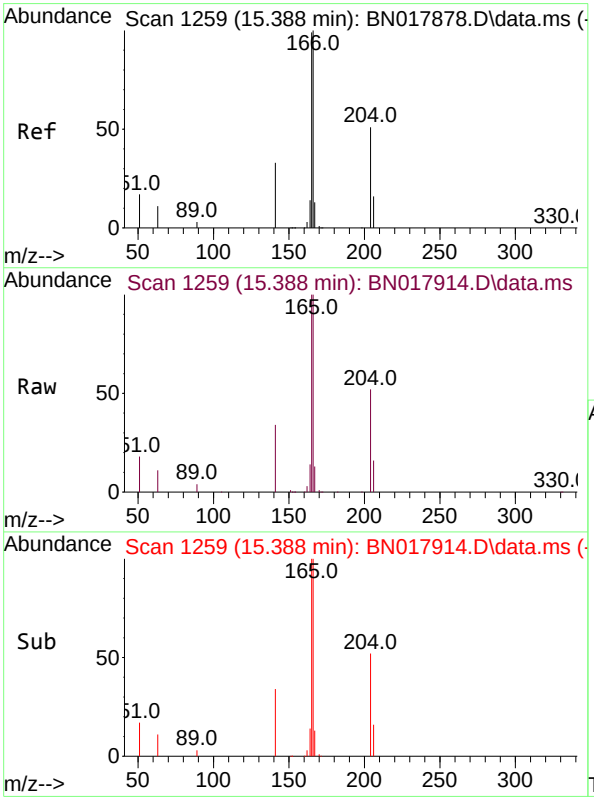
#17
Acenaphthene
Concen: 0.352 ng
RT: 14.398 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:154 Resp: 72077

Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.8	134.8
152	55.9	44.2	66.2

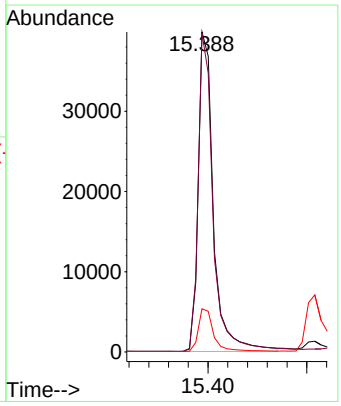


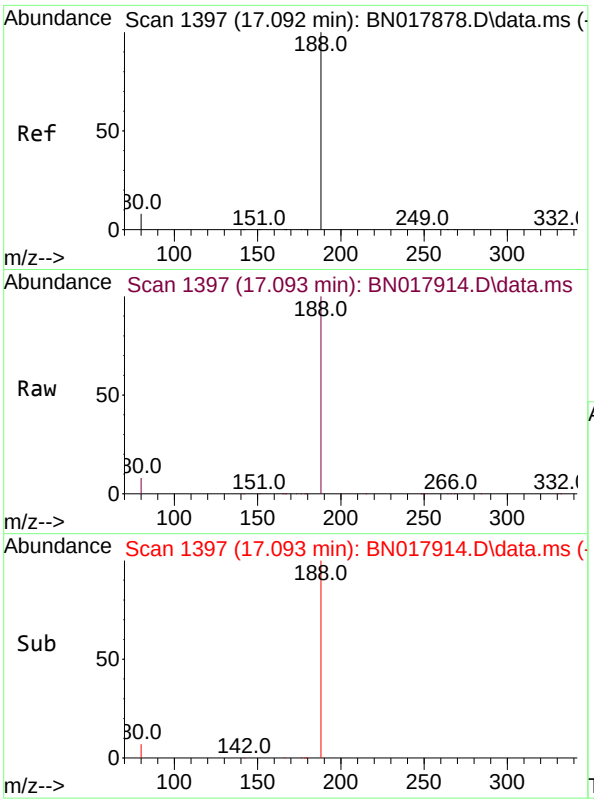


#18
Fluorene
Concen: 0.341 ng
RT: 15.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:166 Resp: 85088

Ion	Ratio	Lower	Upper
166	100		
165	97.2	77.5	116.3
167	13.5	10.8	16.2



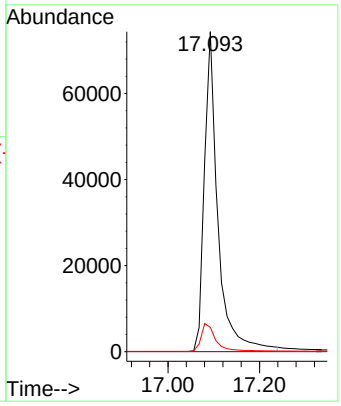


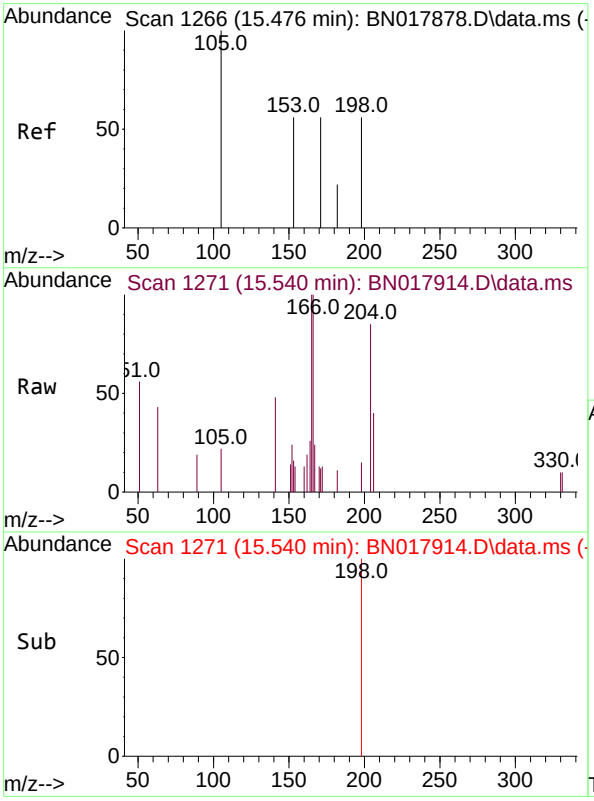
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.093 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:188 Resp: 151648

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.2	9.2

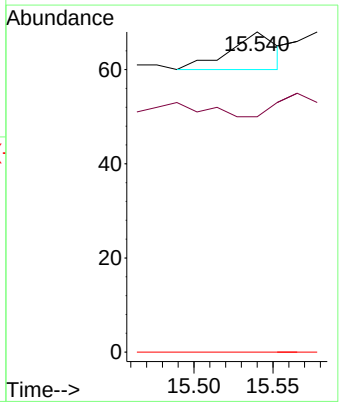


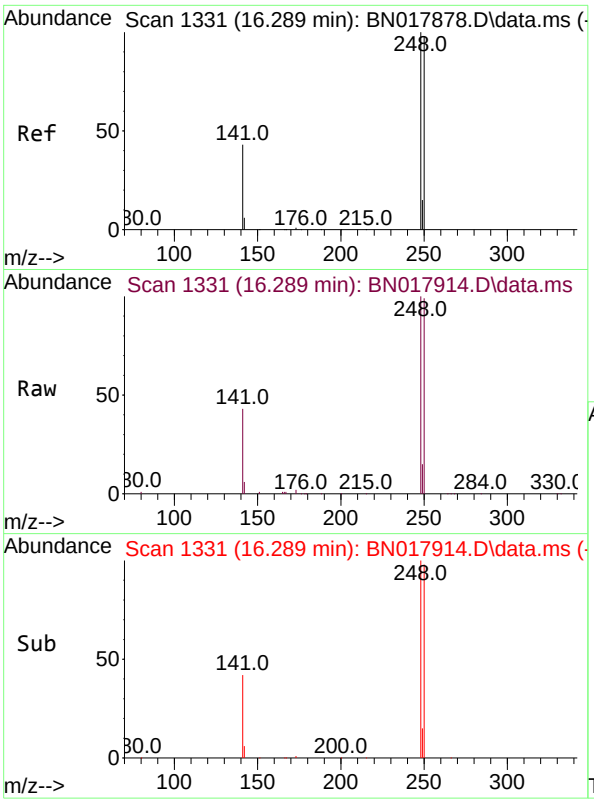


#20
4,6-Dinitro-2-methylphenol
Concen: Below Cal
RT: 15.540 min Scan# 1271
Delta R.T. 0.064 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:198 Resp: 17

Ion	Ratio	Lower	Upper
198	100		
182	73.5	70.8	106.2
77	0.0	0.0	0.0



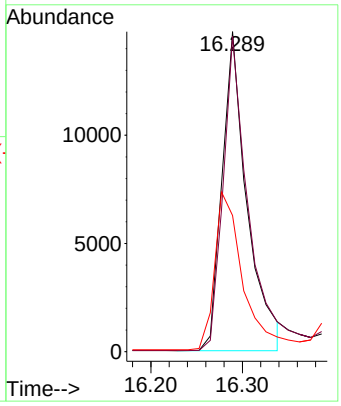


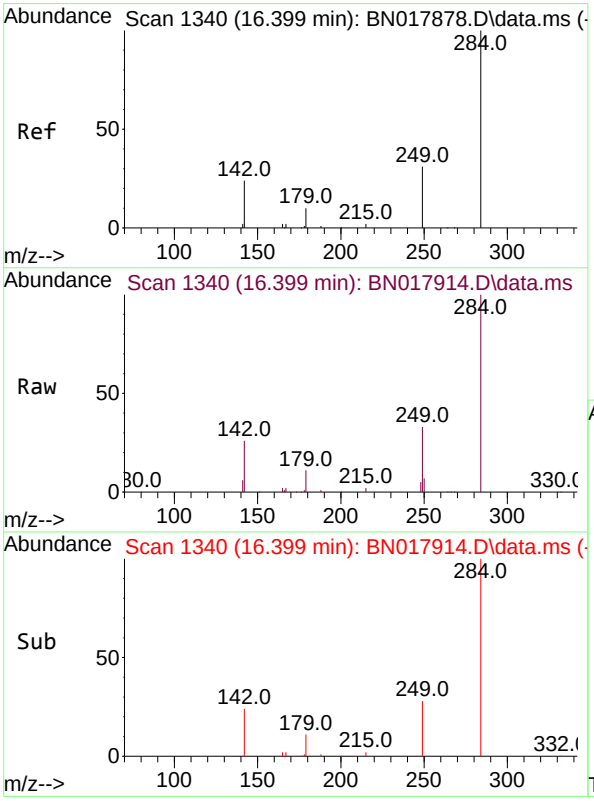
#21
4-Bromophenyl-phenylether
Concen: 0.322 ng
RT: 16.289 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:248 Resp: 27962

Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.6	117.8
141	42.5	34.6	51.8

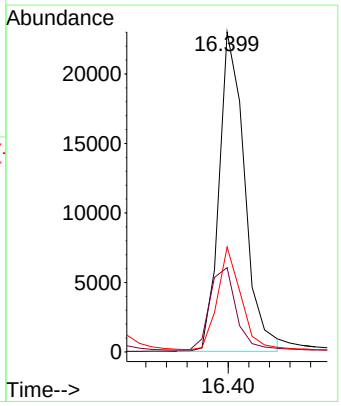


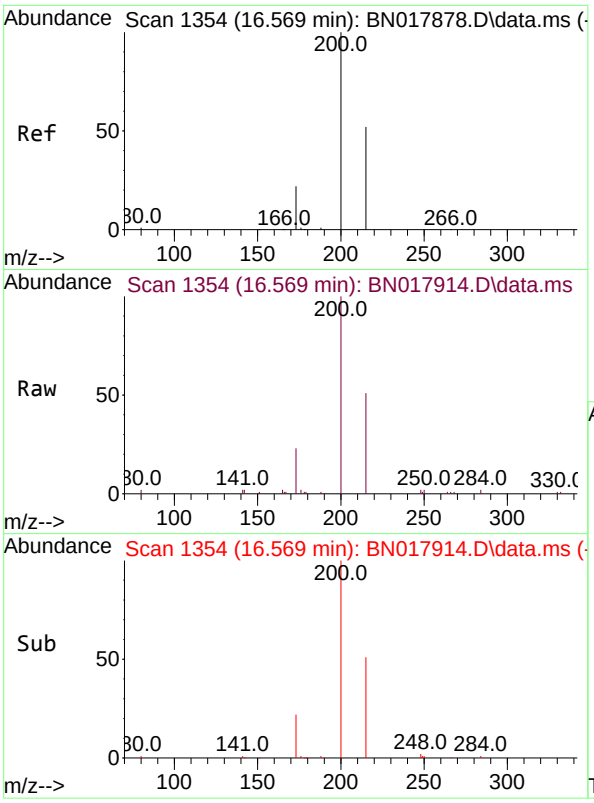


#22
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.399 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:284 Resp: 39534

Ion	Ratio	Lower	Upper
284	100		
142	27.0	21.2	31.8
249	29.5	23.2	34.8



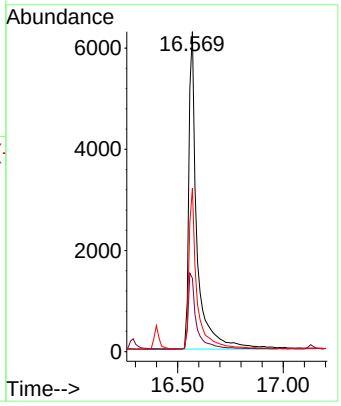


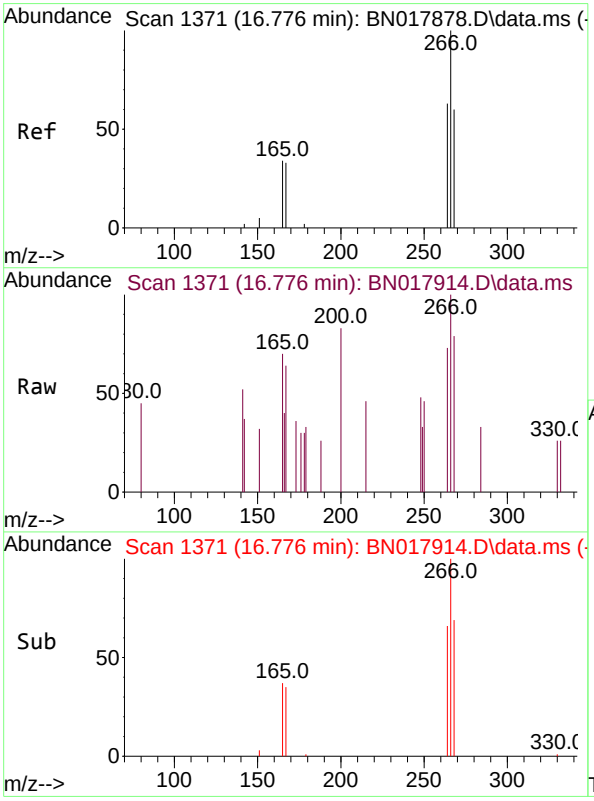
#23
Atrazine
Concen: 0.320 ng
RT: 16.569 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:200 Resp: 17094

Ion	Ratio	Lower	Upper
200	100		
173	23.0	18.2	27.2
215	51.1	41.8	62.8

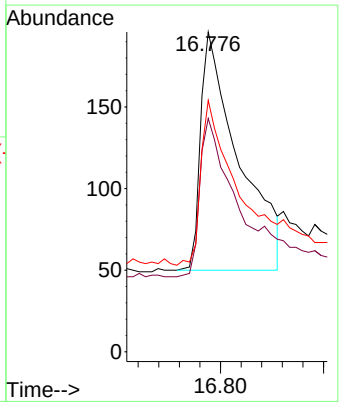


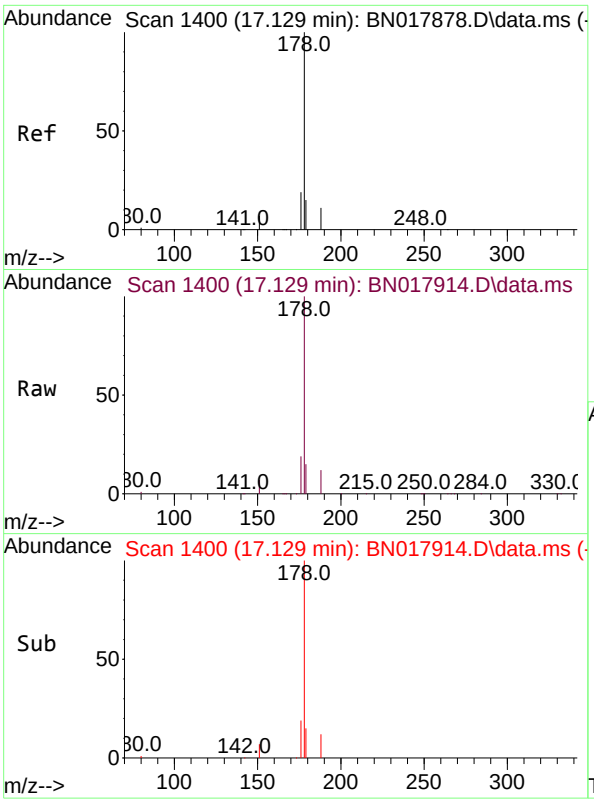


#24
Pentachlorophenol
Concen: 0.331 ng
RT: 16.776 min Scan# 1371
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:266 Resp: 746

Ion	Ratio	Lower	Upper
266	100		
264	67.8	50.6	76.0
268	67.2	53.7	80.5



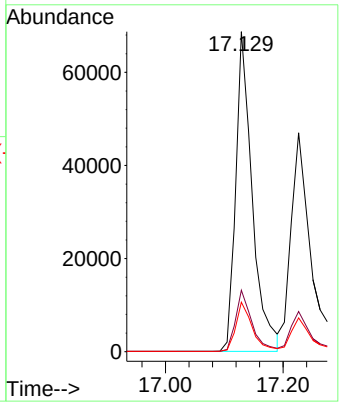


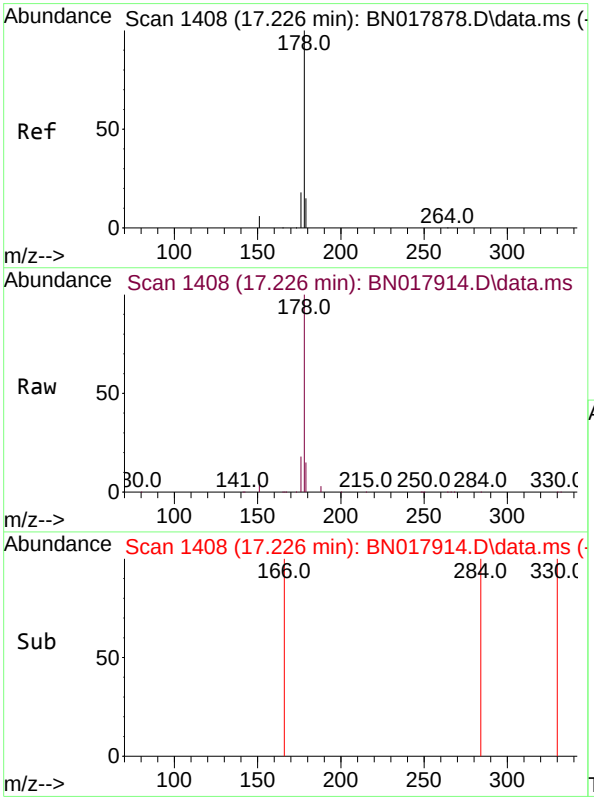
#25
Phenanthrene
Concen: 0.345 ng
RT: 17.129 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:178 Resp: 133667

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.5	12.4	18.6

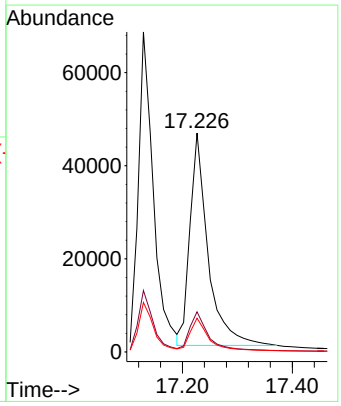


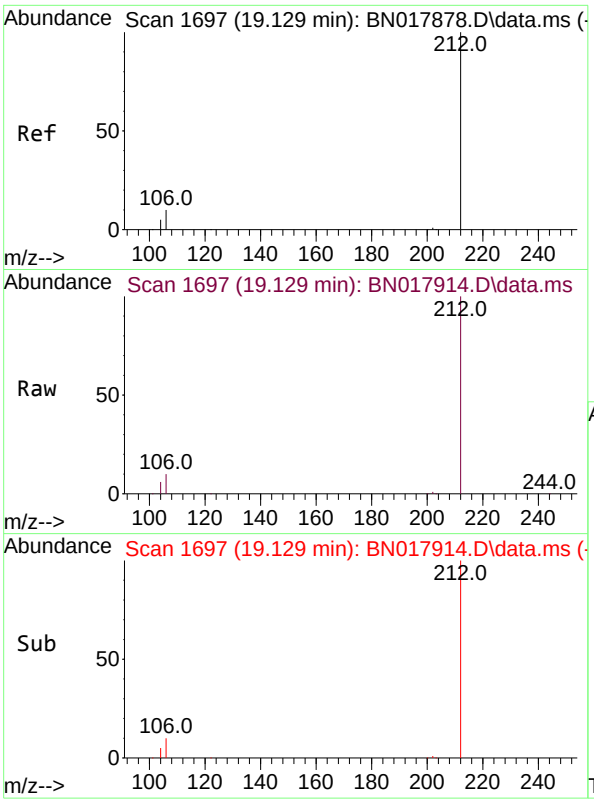


#26
Anthracene
Concen: 0.324 ng
RT: 17.226 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:178 Resp: 104768

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.3	21.5
179	15.4	12.2	18.4



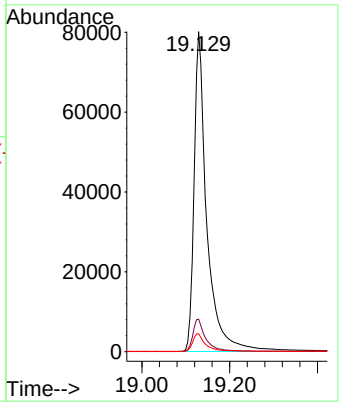


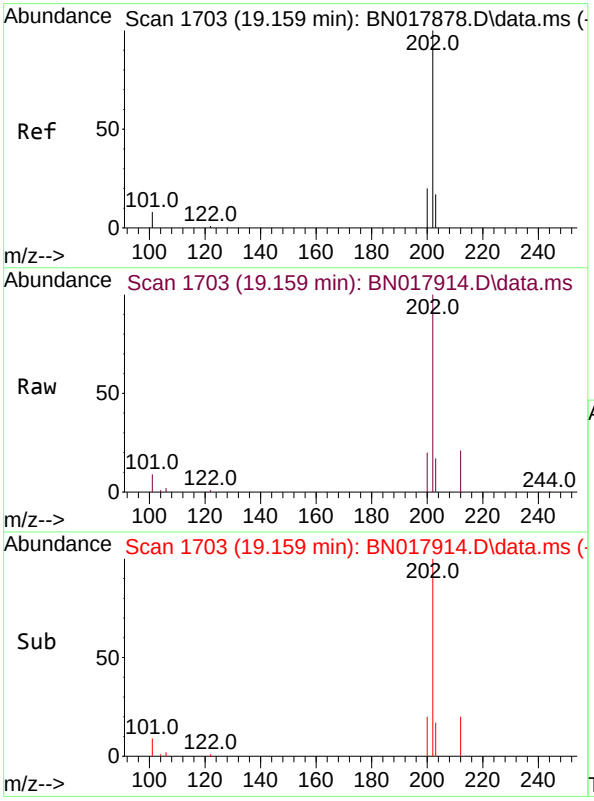
#27
Fluoranthene-d10
Concen: 0.327 ng
RT: 19.129 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:212 Resp: 160977

Ion	Ratio	Lower	Upper
212	100		
106	10.4	8.3	12.5
104	5.7	4.6	6.8

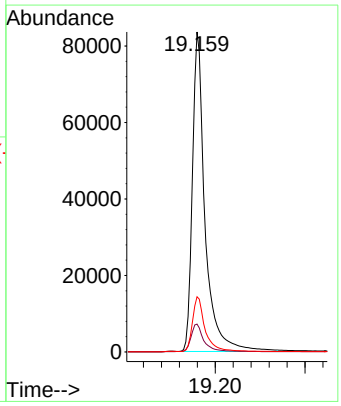


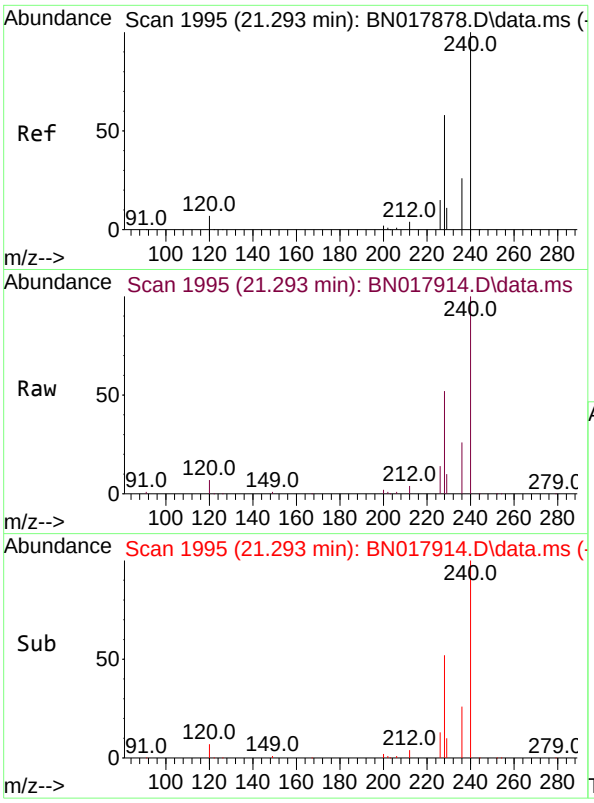


#28
Fluoranthene
Concen: 0.344 ng
RT: 19.159 min Scan# 1703
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:202 Resp: 164032

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.3	10.9
203	17.1	13.7	20.5



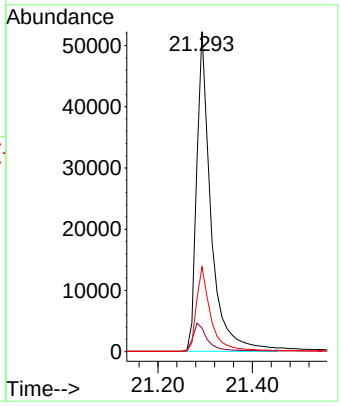


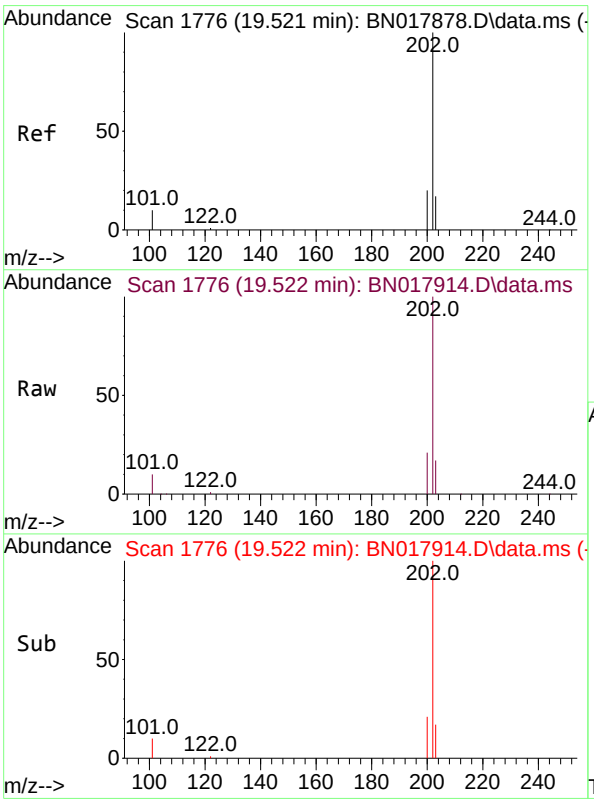
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.293 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:240 Resp: 109691

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.8	8.8
236	26.5	21.0	31.6

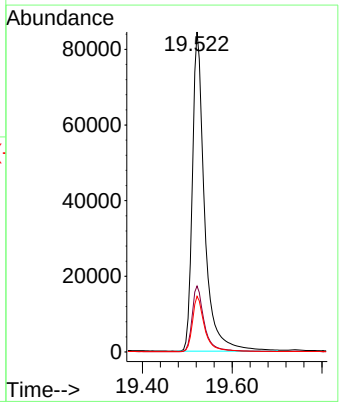


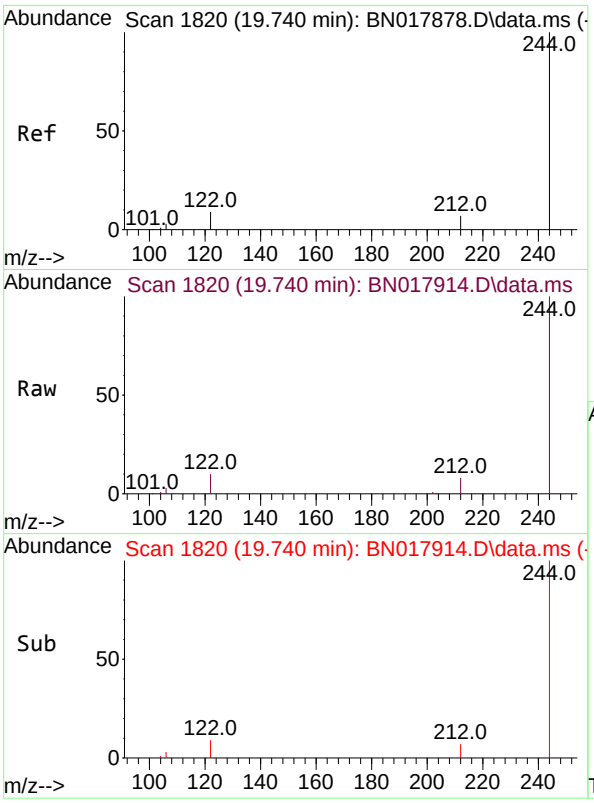


#30
Pyrene
Concen: 0.373 ng
RT: 19.522 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:202 Resp: 160365

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.5	14.0	21.0



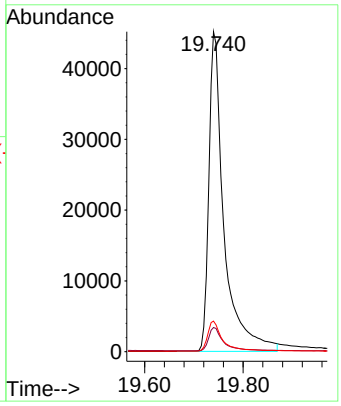


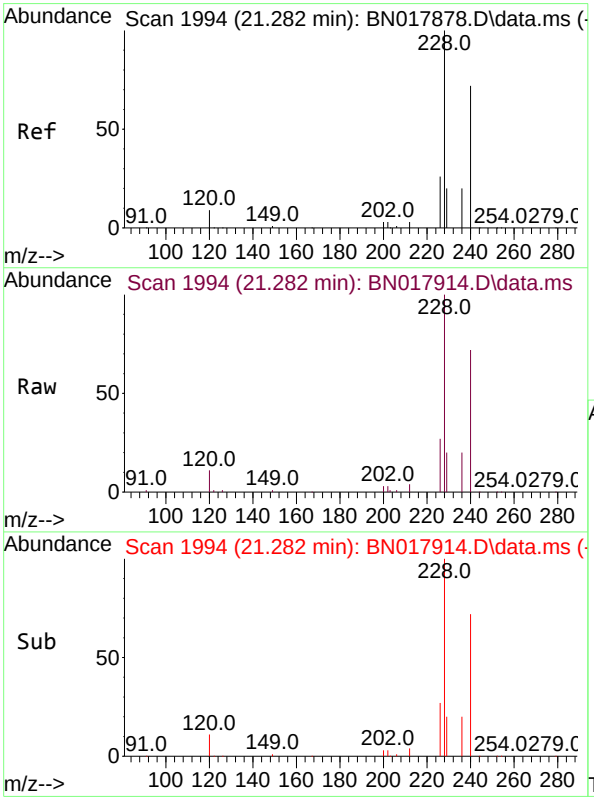
#31
Terphenyl-d14
Concen: 0.356 ng
RT: 19.740 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:244 Resp: 96238

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	9.5	7.5	11.3

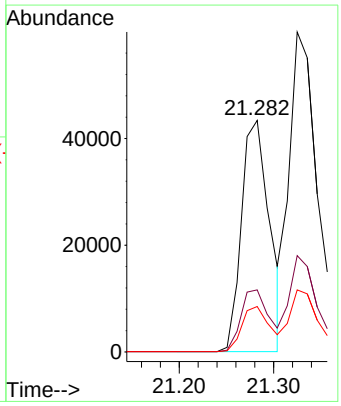


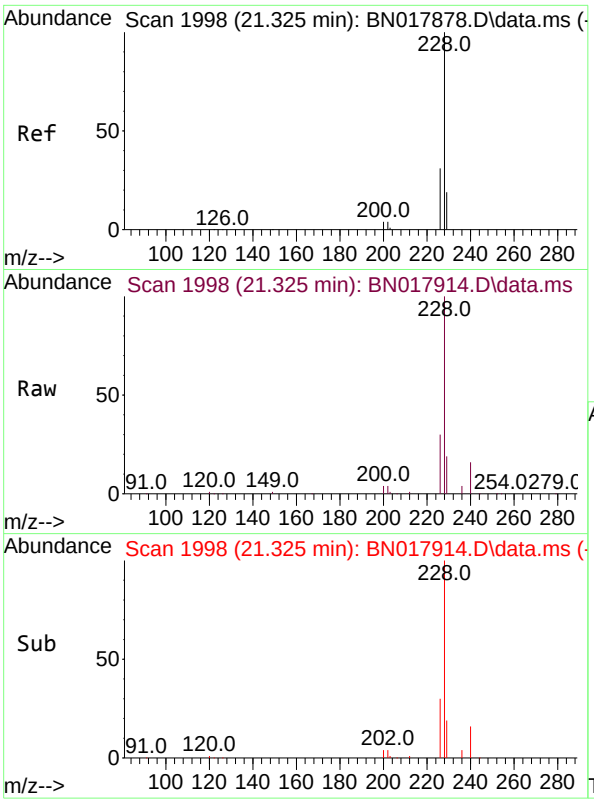


#32
Benzo(a)anthracene
Concen: 0.304 ng
RT: 21.282 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:228 Resp: 89434

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	19.7	15.8	23.8



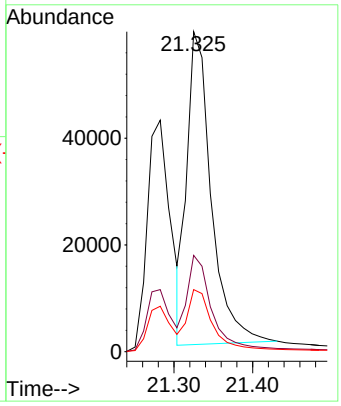


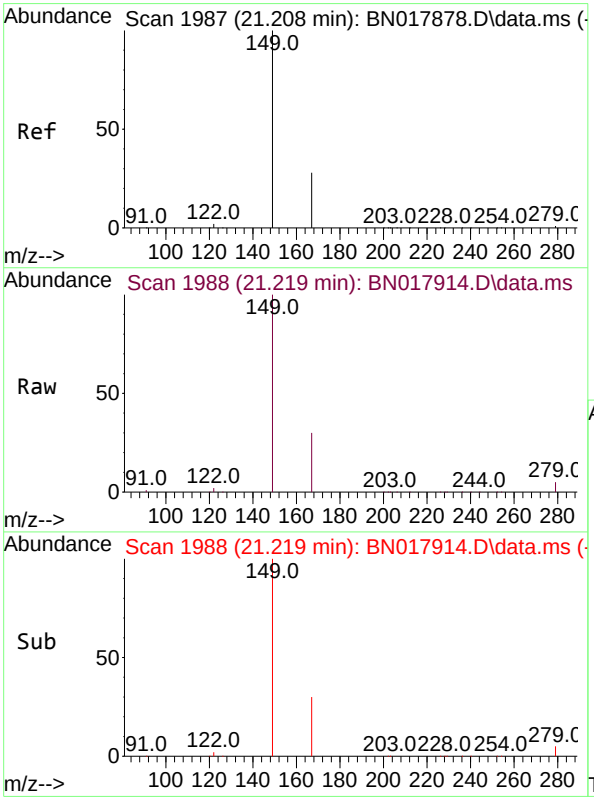
#33
Chrysene
Concen: 0.350 ng
RT: 21.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:228 Resp: 126278

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	19.4	15.6	23.4

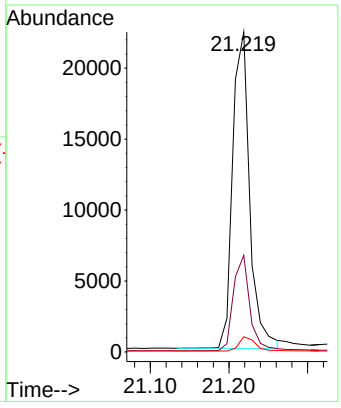


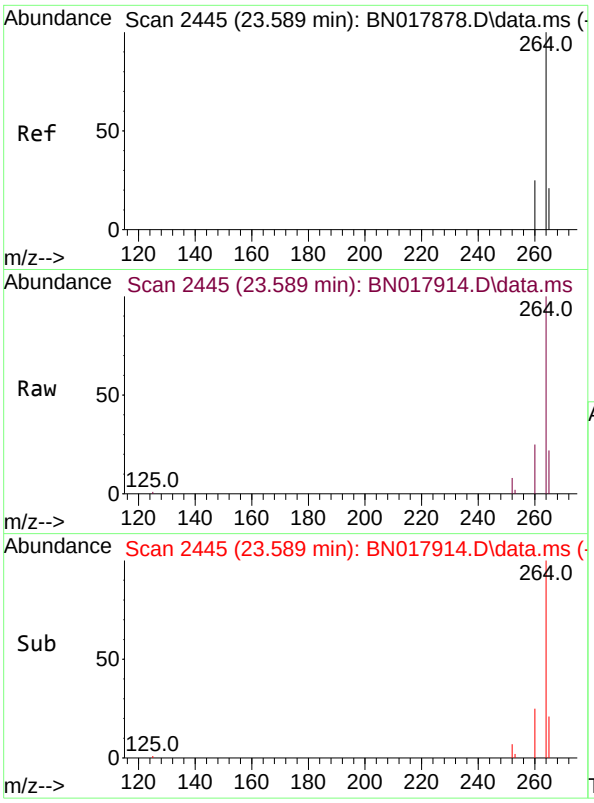


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.284 ng
RT: 21.219 min Scan# 1988
Delta R.T. 0.011 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:149 Resp: 33437

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.4	35.0
279	4.4	3.6	5.4



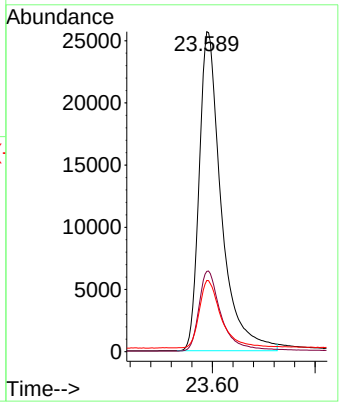


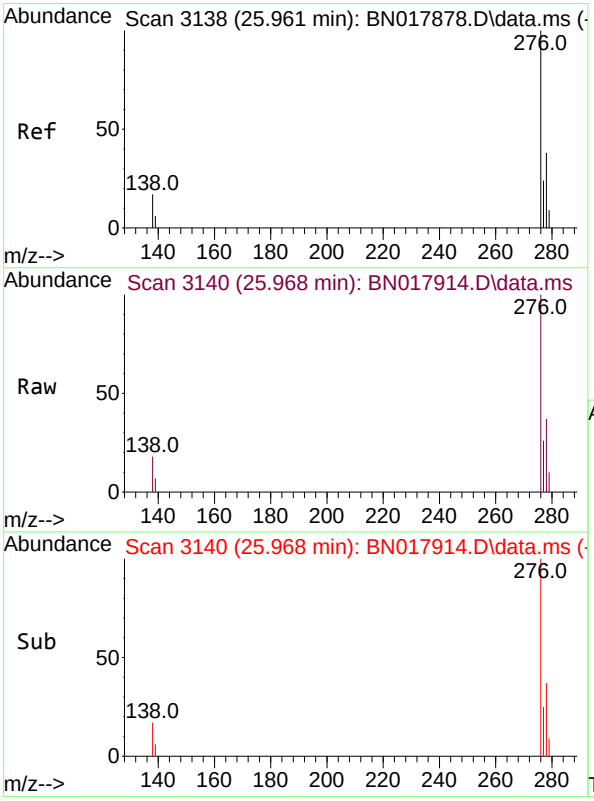
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:264 Resp: 76593

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	22.3	18.2	27.4

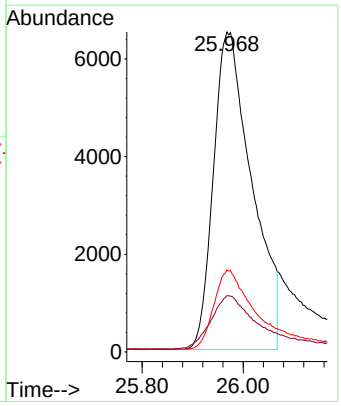


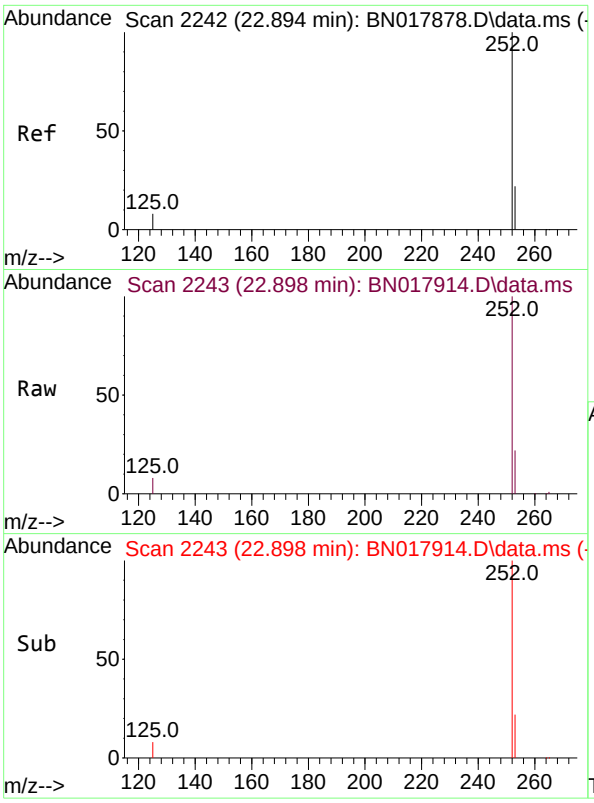


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.301 ng
RT: 25.968 min Scan# 3140
Delta R.T. 0.007 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:276 Resp: 34300

Ion	Ratio	Lower	Upper
276	100		
138	18.4	15.2	22.8
277	24.8	19.8	29.6



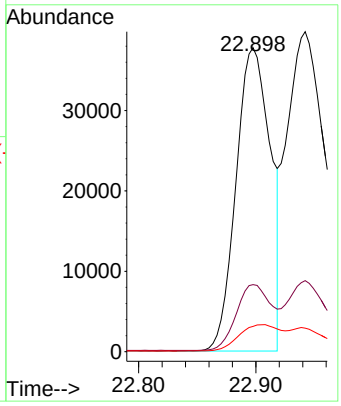


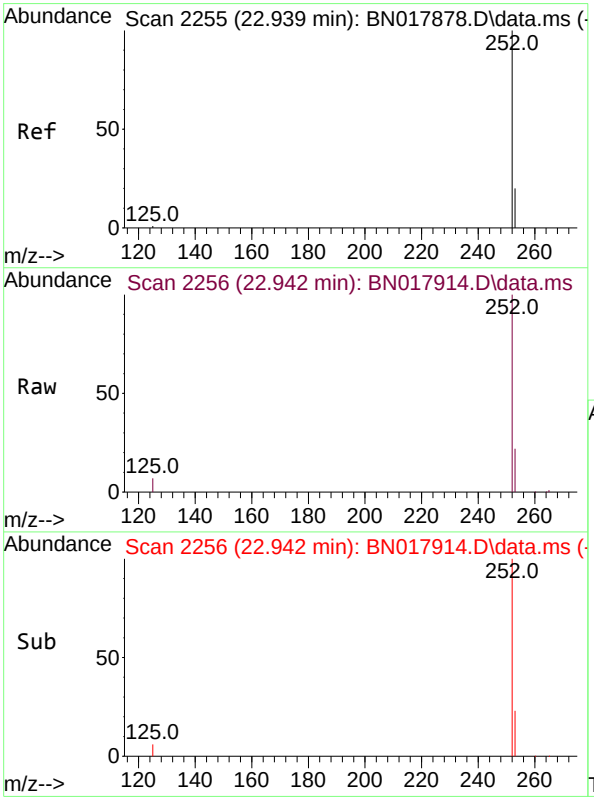
#37
Benzo(b)fluoranthene
Concen: 0.304 ng
RT: 22.898 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:252 Resp: 76891

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	8.3	6.8	10.2

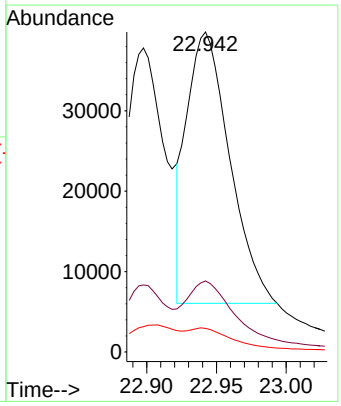


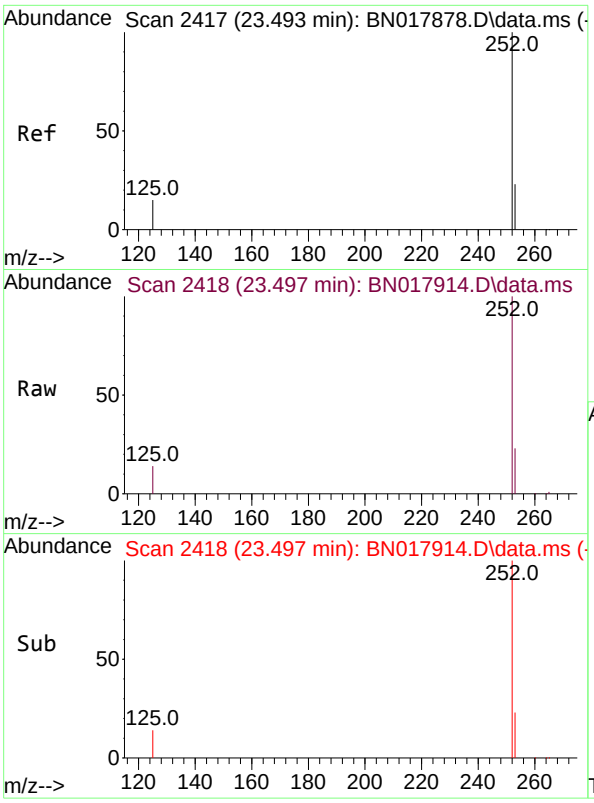


#38
Benzo(k)fluoranthene
Concen: 0.293 ng
RT: 22.942 min Scan# 2256
Delta R.T. 0.004 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:252 Resp: 72250

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.4	6.1	9.1



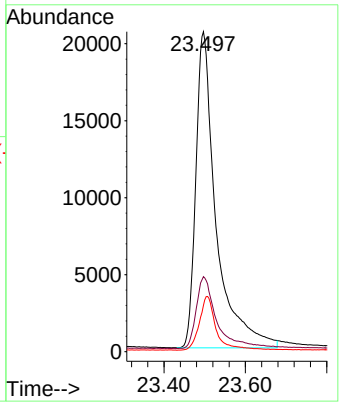


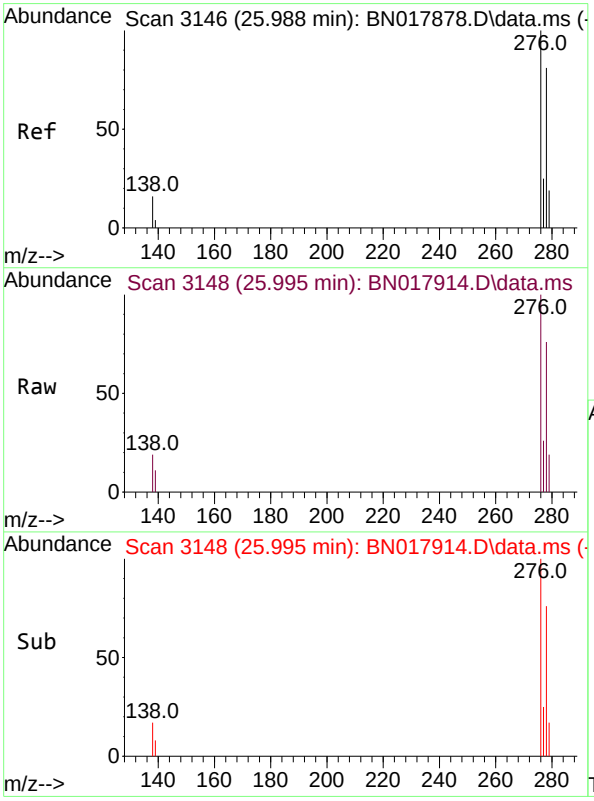
#39
Benzo(a)pyrene
Concen: 0.316 ng
RT: 23.497 min Scan# 24
Delta R.T. 0.003 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:252 Resp: 71024

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.8	28.2
125	14.4	12.2	18.2

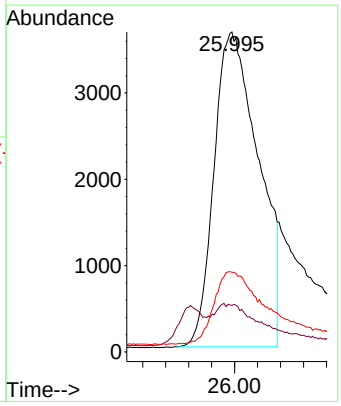


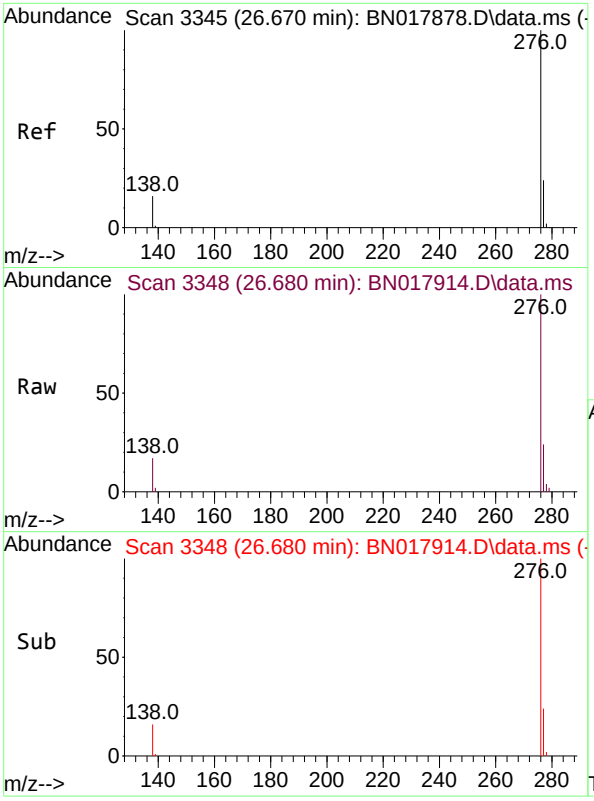


#40
Dibenzo(a,h)anthracene
Concen: 0.279 ng
RT: 25.995 min Scan# 3148
Delta R.T. 0.007 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Tgt Ion:278 Resp: 19637

Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	25.0	20.8	31.2





#41
Benzo(g,h,i)perylene
Concen: 0.302 ng
RT: 26.680 min Scan# 3
Delta R.T. 0.010 min
Lab File: BN017914.D
Acq: 11 Dec 2021 21:25

Instrument :
BNA_N
ClientSampleId :
PB141193BS

Tgt Ion:276 Resp: 36704

Ion	Ratio	Lower	Upper
276	100		
277	24.4	19.6	29.4
138	16.9	13.8	20.8