Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
Data File : BN021384.D
Acq On : 26 Aug 2022 14:24
Operator : CG/JU
Sample : PB147117BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Quant Time: Aug 26 23:40:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 23:37:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.083	152	4212	0.400	ng		0.00
7) Naphthalene-d8	10.909	136	12717	0.400	ng		0.00
13) Acenaphthene-d10	14.729	164	6817	0.400	ng		0.00
19) Phenanthrene-d10	17.480	188	13969	0.400	ng		0.00
29) Chrysene-d12	21.682	240	10700	0.400	ng		0.00
35) Perylene-d12	24.209	264	7899	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.599	112	3716	0.326	ng		0.00
5) Phenol-d6	7.231	99	4726	0.331	ng		0.00
8) Nitrobenzene-d5	9.254	82	3490	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.497	152	10436	0.486	ng		0.00
14) 2,4,6-Tribromophenol	16.219	330	883	0.283	ng		0.00
15) 2-Fluorobiphenyl	13.360	172	12027	0.394	ng		0.00
27) Fluoranthene-d10	19.514	212	14284	0.342	ng		0.00
31) Terphenyl-d14	20.106	244	9709	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	2295	0.393	ng	#	89
3) n-Nitrosodimethylamine	3.743	42	2141	0.383	ng		93
6) bis(2-Chloroethyl)ether	7.498	93	5510	0.385	ng		99
9) Naphthalene	10.962	128	14809	0.354	ng		99
10) Hexachlorobutadiene	11.251	225	2699	0.391	ng	#	99
12) 2-Methylnaphthalene	12.195	142	2053	0.288	ng		97
16) Acenaphthylene	14.451	152	12199	0.357	ng		99
17) Acenaphthene	14.793	154	8972	0.378	ng		99
18) Fluorene	15.776	166	10858	0.365	ng		100
20) 4,6-Dinitro-2-methylph...	15.605	198	3	0.163	ng		90
21) 4-Bromophenyl-phenylether	16.670	248	3519	0.368	ng	#	91
22) Hexachlorobenzene	16.783	284	4345	0.391	ng		99
23) Atrazine	16.937	200	1881	0.311	ng		98
24) Pentachlorophenol	17.131	266	1010	0.263	ng		97
25) Phenanthrene	17.521	178	18674	0.366	ng		100
26) Anthracene	17.613	178	14388	0.343	ng		99
28) Fluoranthene	19.544	202	19461	0.346	ng		100
30) Pyrene	19.906	202	23027	0.427	ng		96
32) Benzo(a)anthracene	21.664	228	14339	0.354	ng		100
33) Chrysene	21.718	228	17802	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.575	149	5888	0.302	ng		98
36) Indeno(1,2,3-cd)pyrene	26.878	276	13580	0.338	ng		100
37) Benzo(b)fluoranthene	23.431	252	14394	0.413	ng		98
38) Benzo(k)fluoranthene	23.481	252	14318	0.398	ng		99
39) Benzo(a)pyrene	24.097	252	10313	0.365	ng		98
40) Dibenzo(a,h)anthracene	26.895	278	10946	0.331	ng		96
41) Benzo(g,h,i)perylene	27.694	276	12164	0.350	ng		99

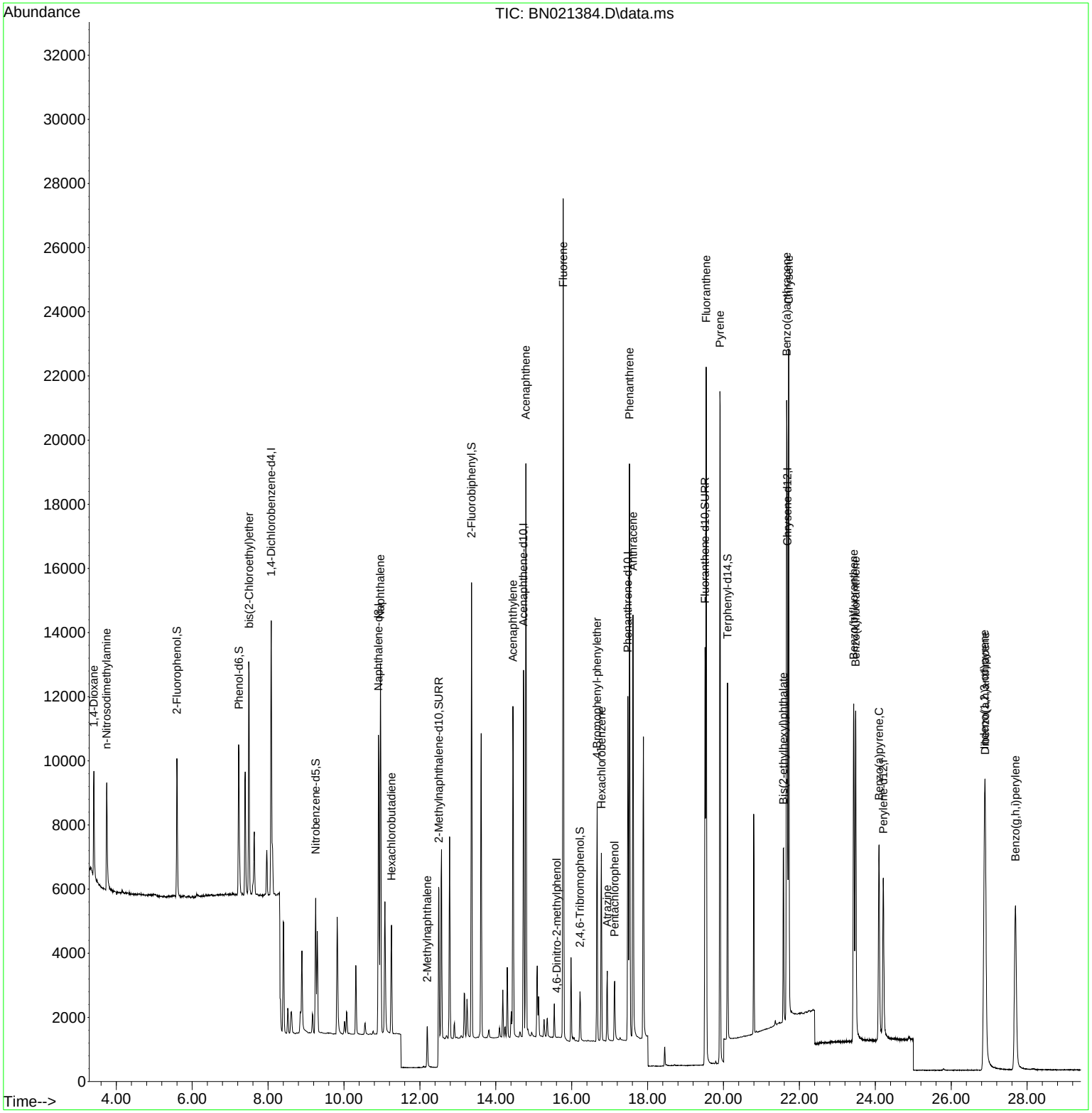
(#) = qualifier out of range (m) = manual integration (+) = signals summed

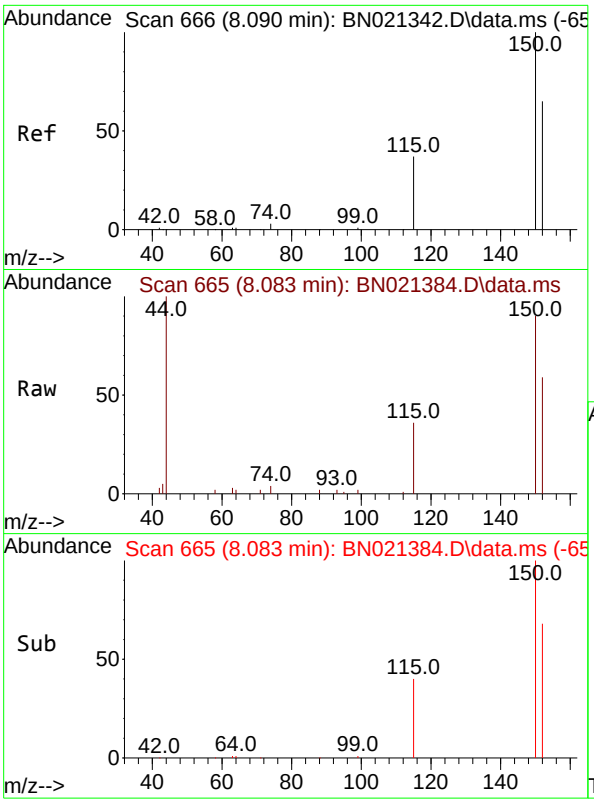
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082622\
Data File : BN021384.D
Acq On : 26 Aug 2022 14:24
Operator : CG/JU
Sample : PB147117BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Quant Time: Aug 26 23:40:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN082422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 26 23:37:03 2022
Response via : Initial Calibration



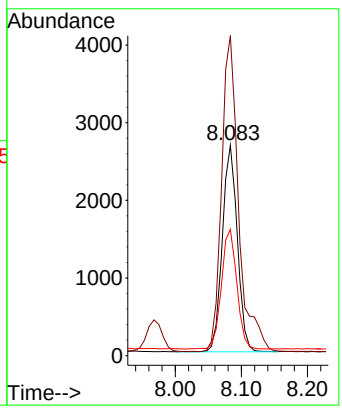


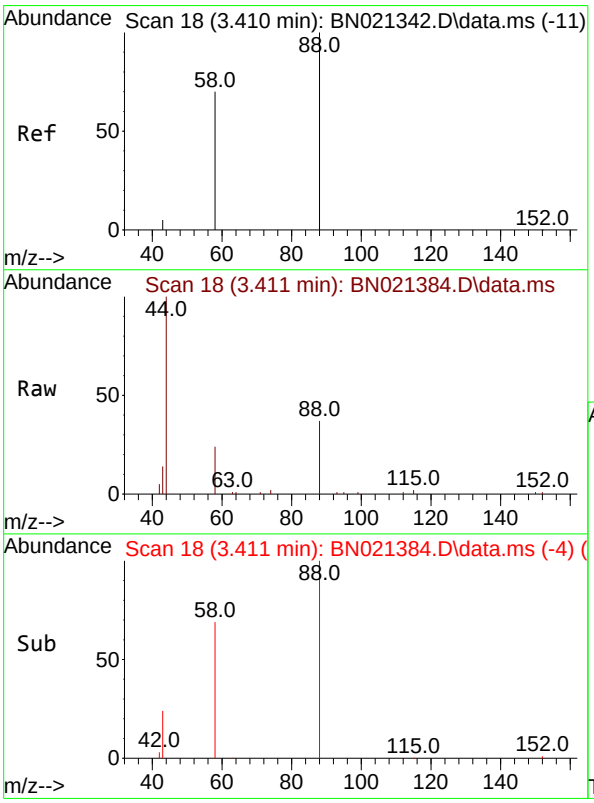
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.083 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:152 Resp: 4212

Ion	Ratio	Lower	Upper
152	100		
150	152.1	121.4	182.0
115	60.1	48.6	72.8

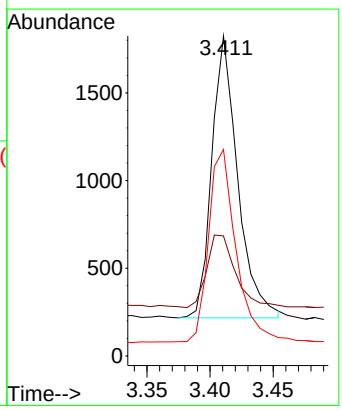


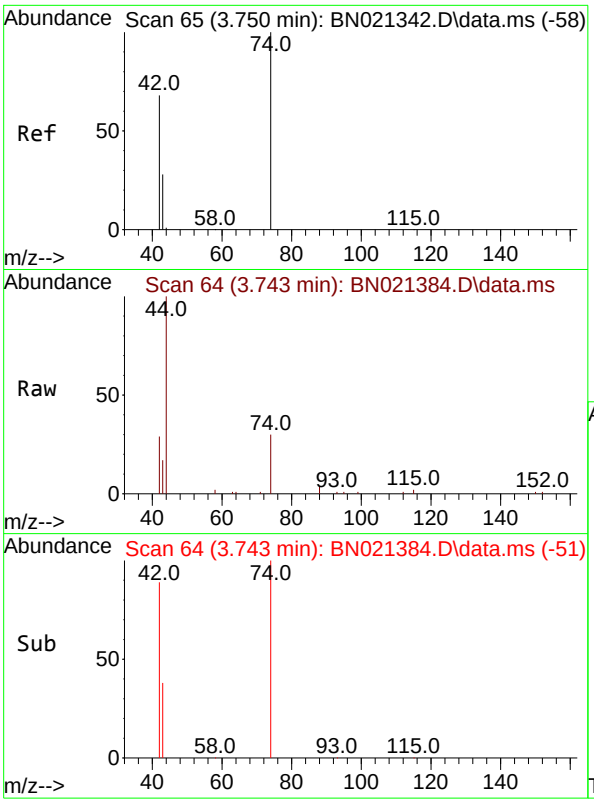


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.411 min Scan# 18
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion: 88 Resp: 2295

Ion	Ratio	Lower	Upper
88	100		
43	28.6	35.8	53.8#
58	72.9	57.1	85.7



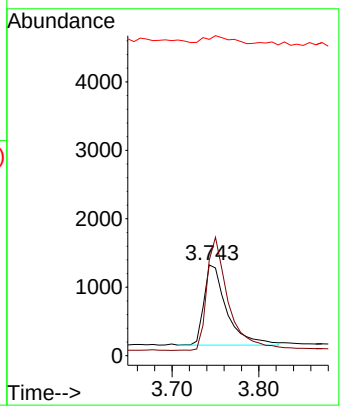


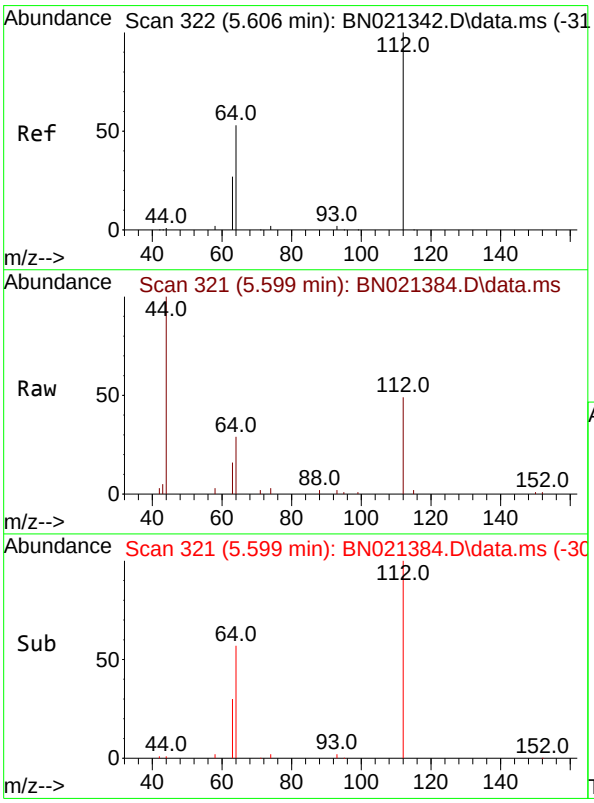
#3
n-Nitrosodimethylamine
Concen: 0.383 ng
RT: 3.743 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion: 42 Resp: 2141

Ion	Ratio	Lower	Upper
42	100		
74	133.0	113.0	169.6
44	11.3	10.5	15.7

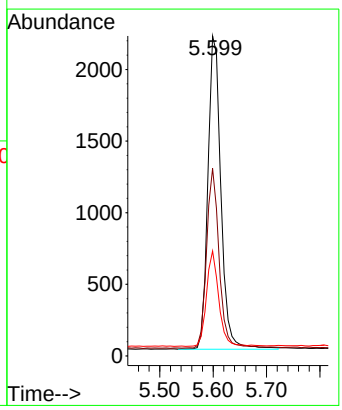


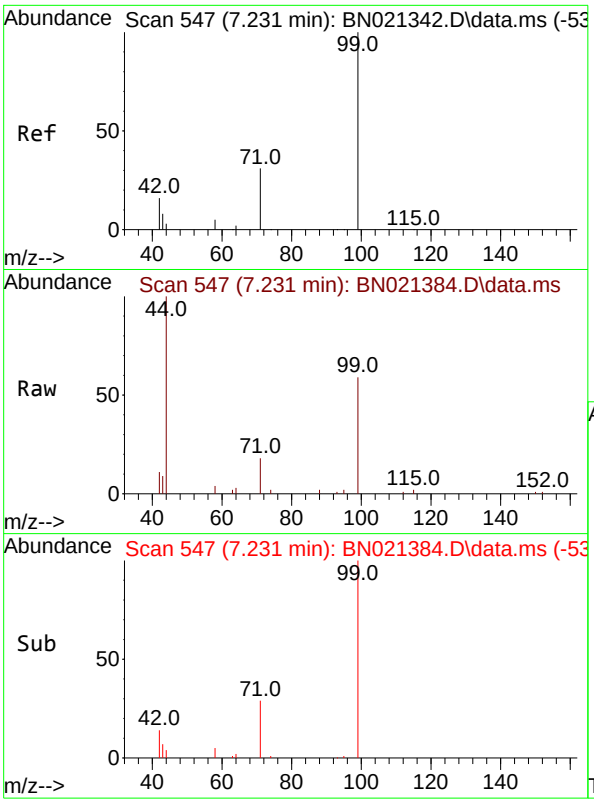


#4
2-Fluorophenol
Concen: 0.326 ng
RT: 5.599 min Scan# 321
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:112 Resp: 3716

Ion	Ratio	Lower	Upper
112	100		
64	55.2	43.5	65.3
63	28.5	22.6	34.0



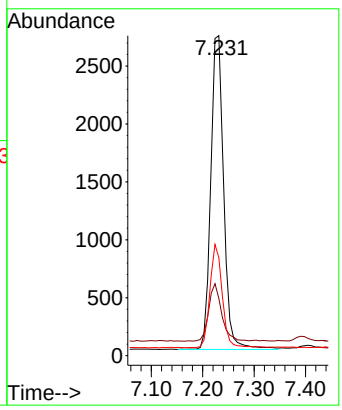


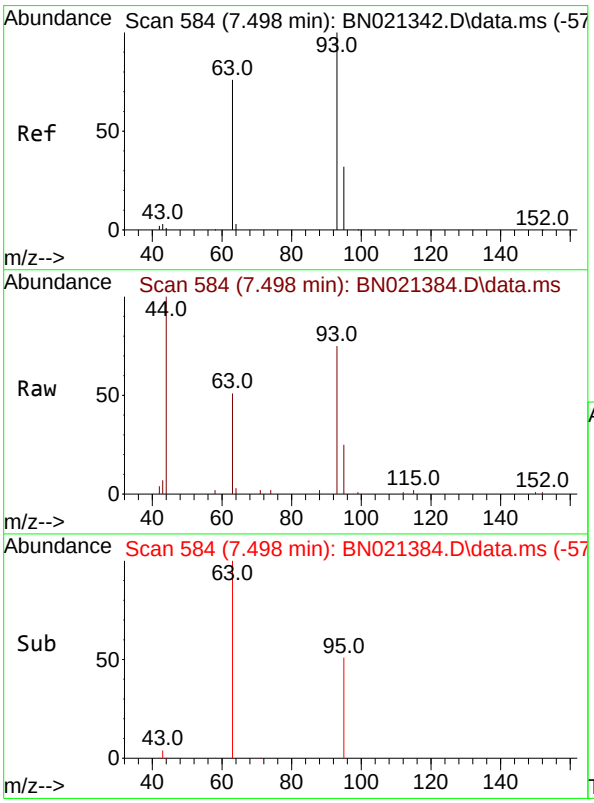
#5
Phenol-d6
Concen: 0.331 ng
RT: 7.231 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion: 99 Resp: 4726

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.5	23.3
71	31.4	24.2	36.2

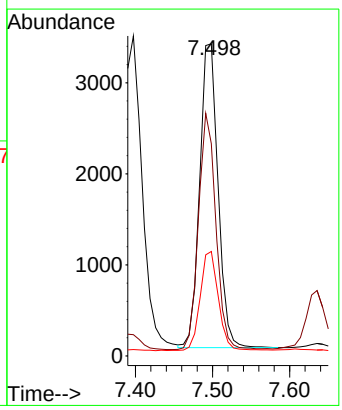


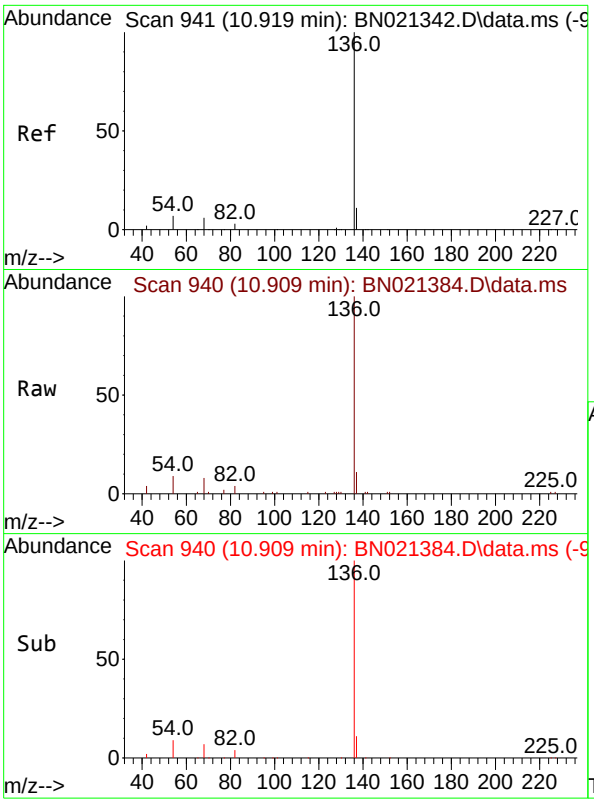


#6
bis(2-Chloroethyl)ether
Concen: 0.385 ng
RT: 7.498 min Scan# 584
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion: 93 Resp: 5510

Ion	Ratio	Lower	Upper
93	100		
63	73.8	57.8	86.8
95	32.3	25.9	38.9



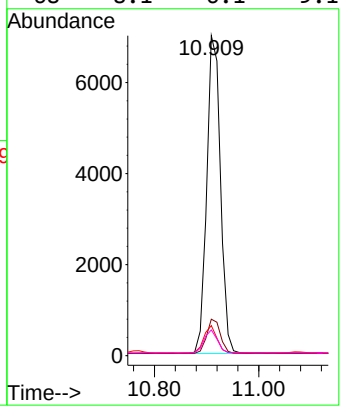


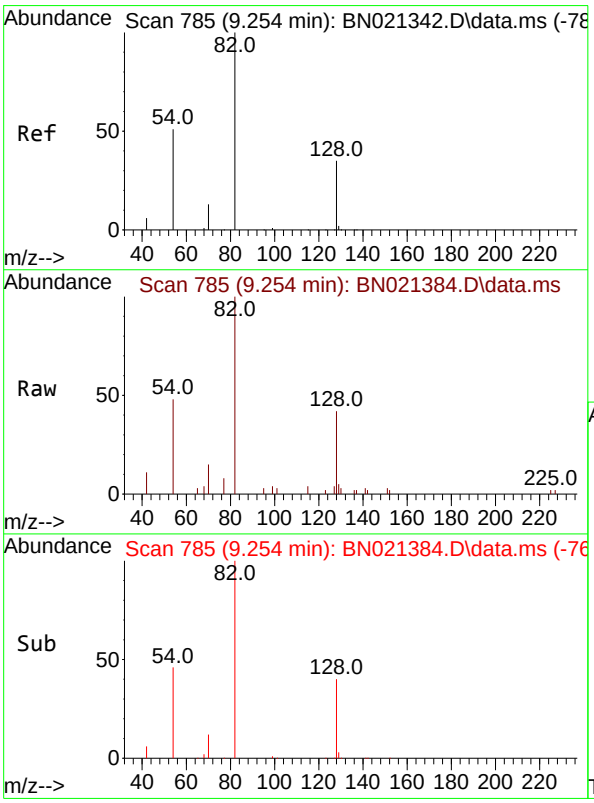
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.909 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:136 Resp: 12717

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	9.4	6.9	10.3
68	8.1	6.1	9.1

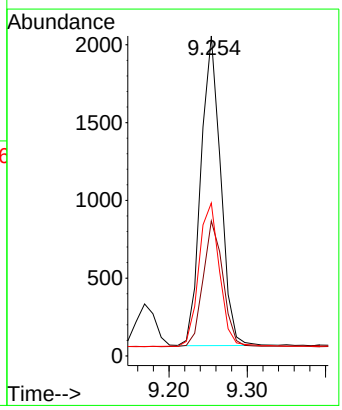


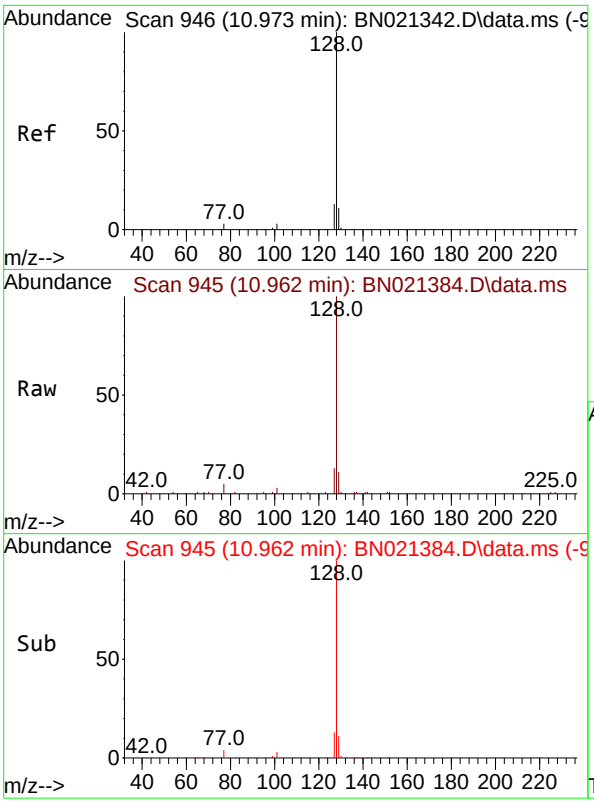


#8
Nitrobenzene-d5
Concen: 0.363 ng
RT: 9.254 min Scan# 785
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion: 82 Resp: 3490

Ion	Ratio	Lower	Upper
82	100		
128	42.2	30.9	46.3
54	47.8	42.7	64.1



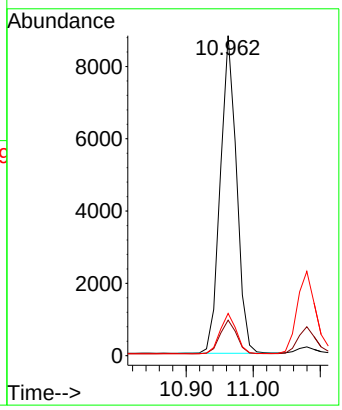


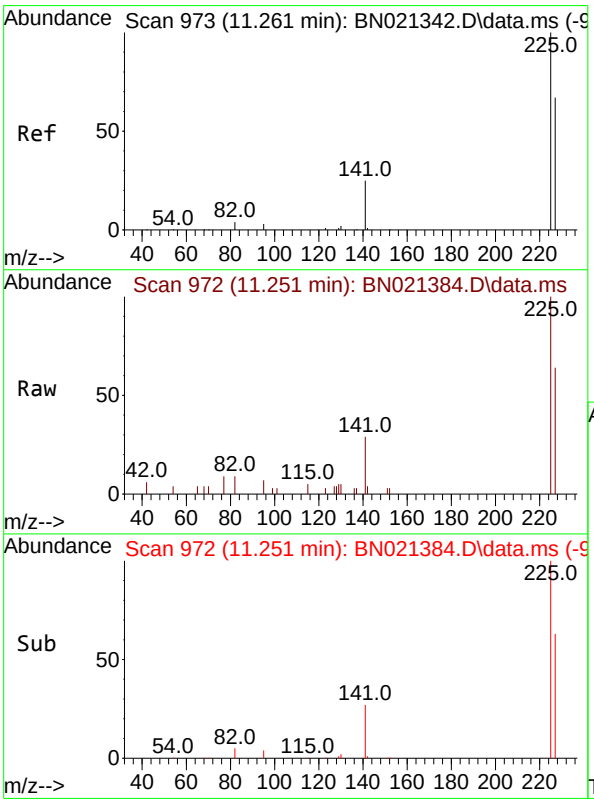
#9
Naphthalene
Concen: 0.354 ng
RT: 10.962 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:128 Resp: 14809

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.2	11.0	16.4

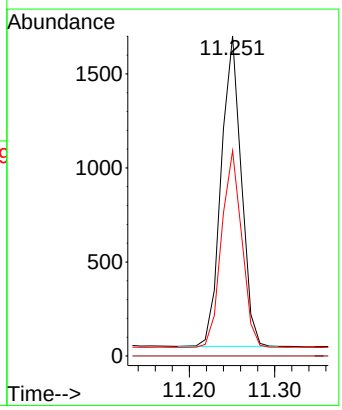


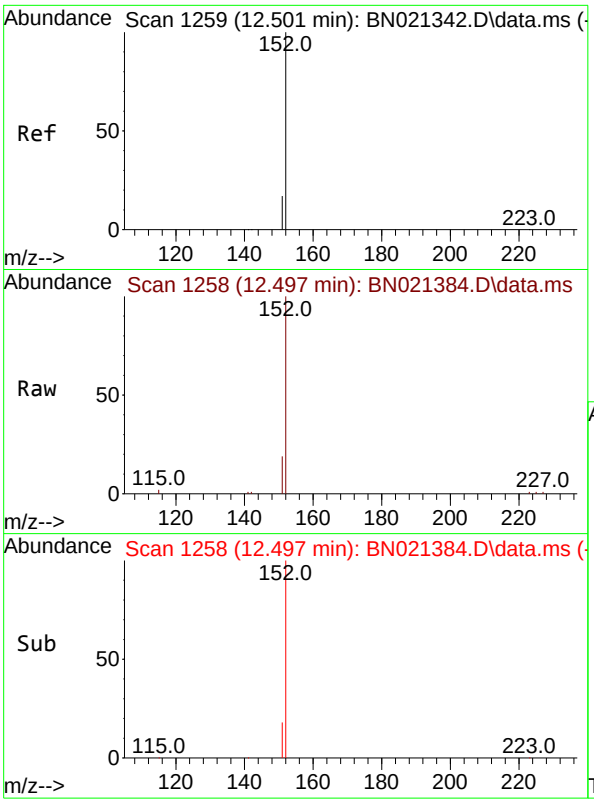


#10
Hexachlorobutadiene
Concen: 0.391 ng
RT: 11.251 min Scan# 972
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:225 Resp: 2699

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	51.2	76.8



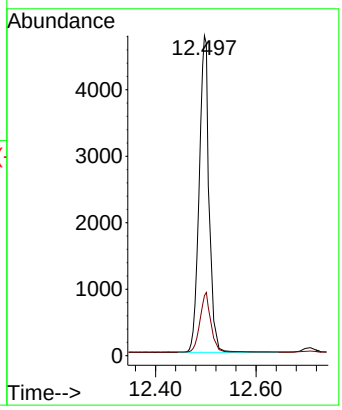


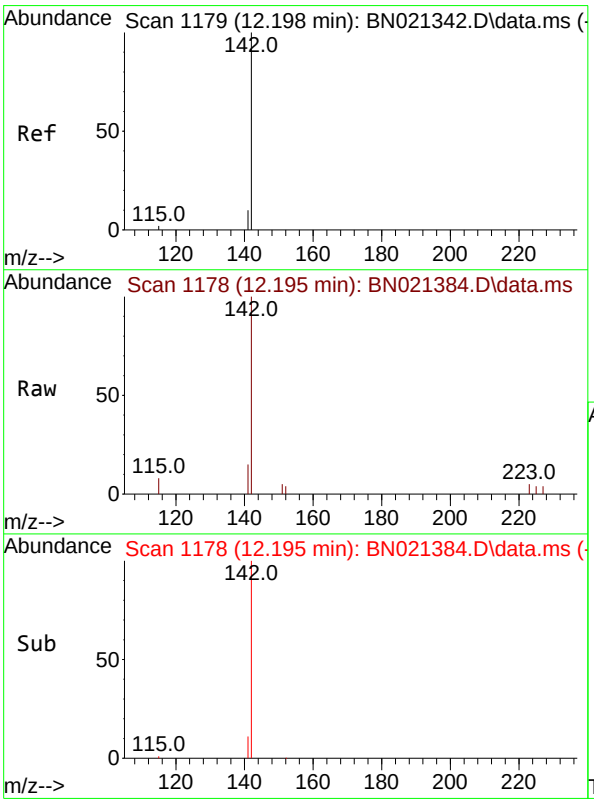
#11
2-Methylnaphthalene-d10
Concen: 0.486 ng
RT: 12.497 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:152 Resp: 10436

Ion	Ratio	Lower	Upper
152	100		
151	18.1	14.5	21.7

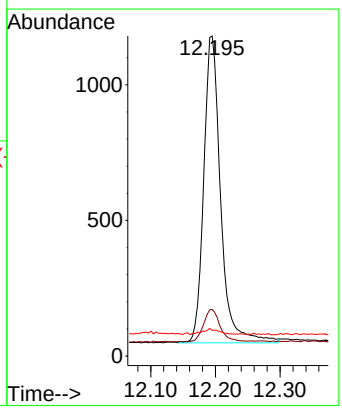


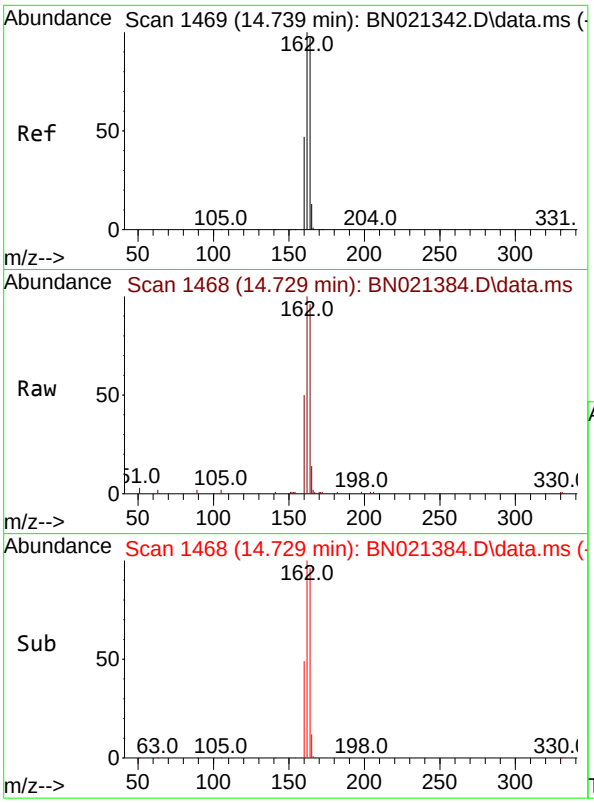


#12
2-Methylnaphthalene
Concen: 0.288 ng
RT: 12.195 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:142 Resp: 2053

Ion	Ratio	Lower	Upper
142	100		
141	14.6	12.2	18.2
115	8.1	7.9	11.9



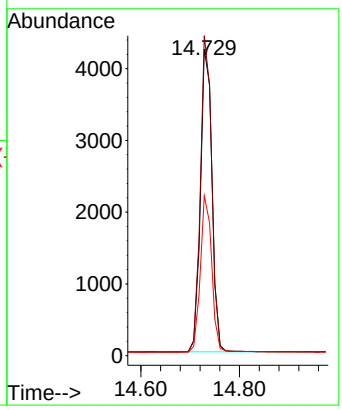


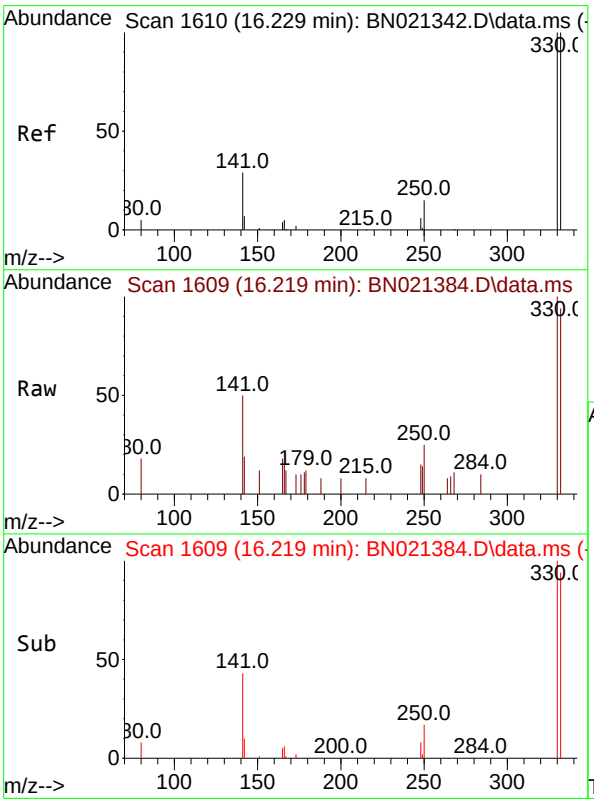
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.729 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:164 Resp: 6817

Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.2	123.4
160	52.1	39.5	59.3

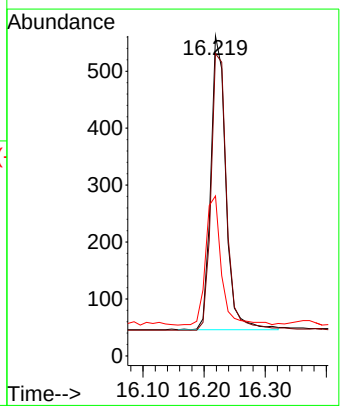


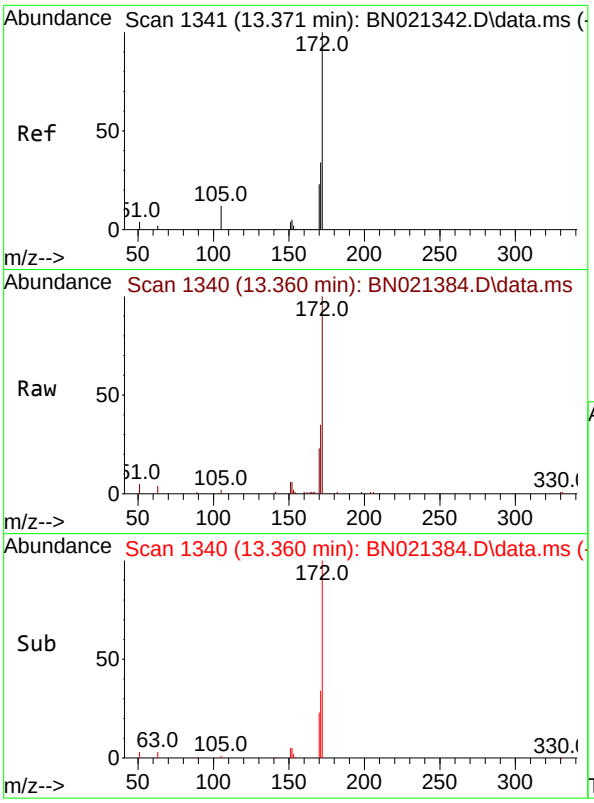


#14
2,4,6-Tribromophenol
Concen: 0.283 ng
RT: 16.219 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:330 Resp: 883

Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.3	118.9
141	46.1	37.1	55.7





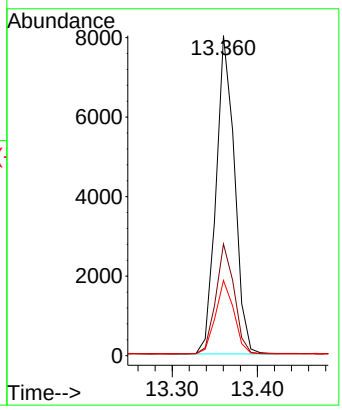
#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 13.360 min Scan# 1

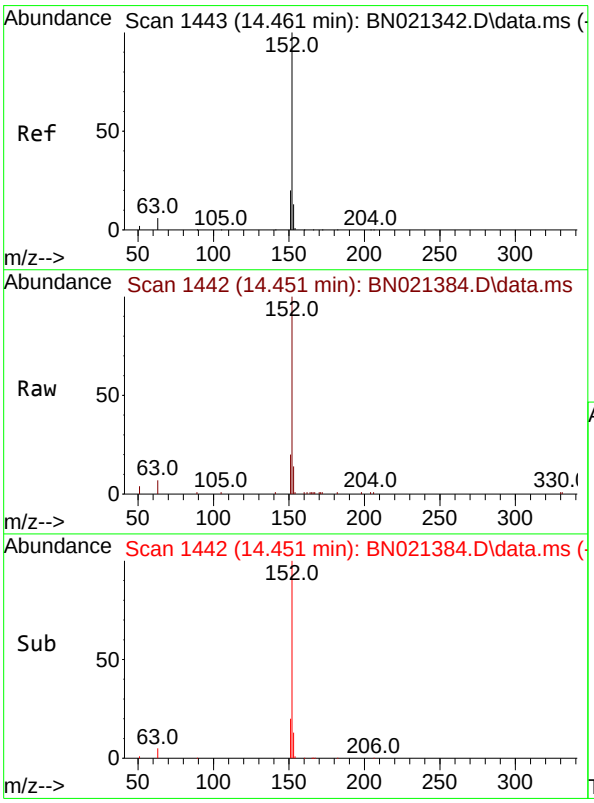
Instrument :
BNA_N
ClientSampleId :
PB147117BS

Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:172 Resp: 12027

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.5	18.6	28.0

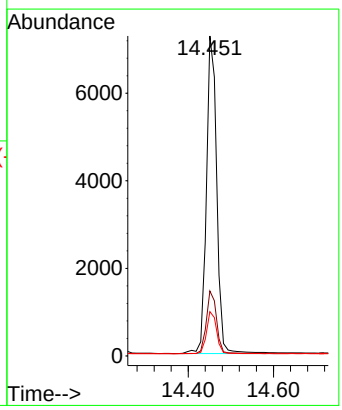


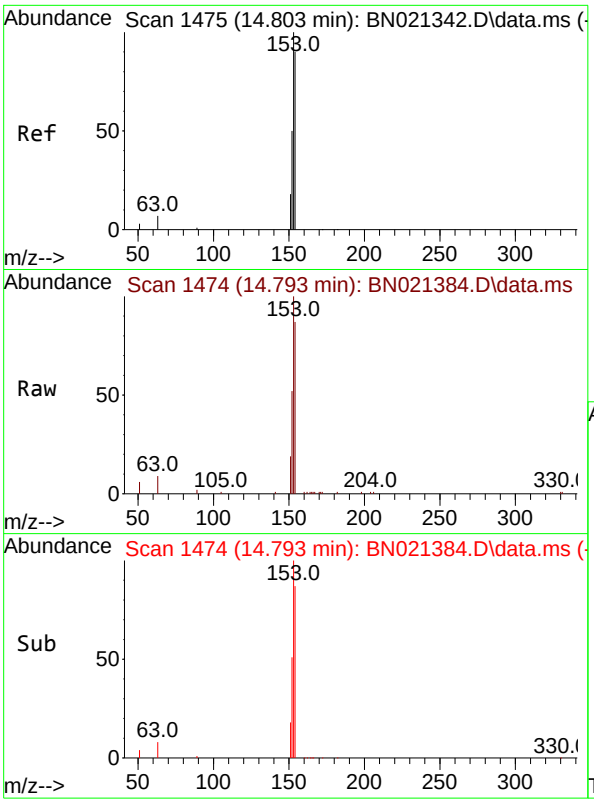


#16
Acenaphthylene
Concen: 0.357 ng
RT: 14.451 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:152 Resp: 12199

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.4	23.2
153	13.3	10.3	15.5



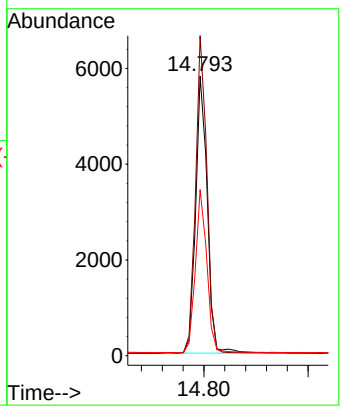


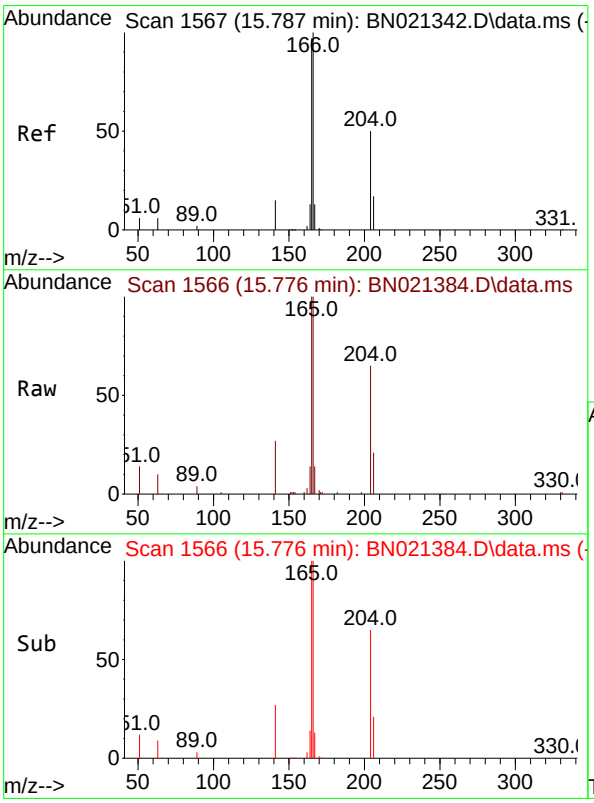
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.793 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:154 Resp: 8972

Ion	Ratio	Lower	Upper
154	100		
153	111.5	89.5	134.3
152	58.5	45.5	68.3

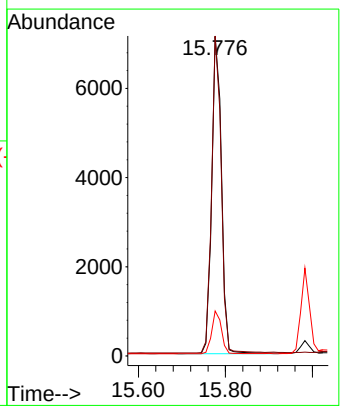


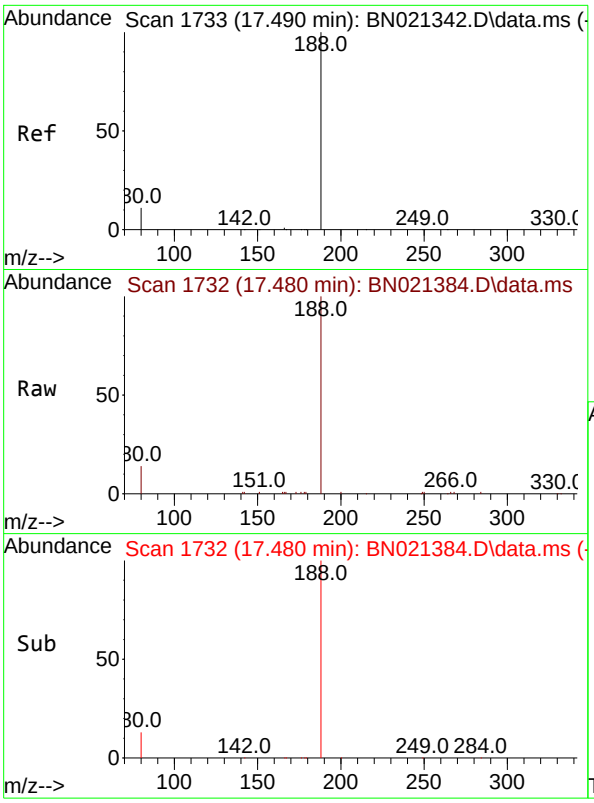


#18
Fluorene
Concen: 0.365 ng
RT: 15.776 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:166 Resp: 10858

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.7	118.1
167	13.5	10.6	16.0



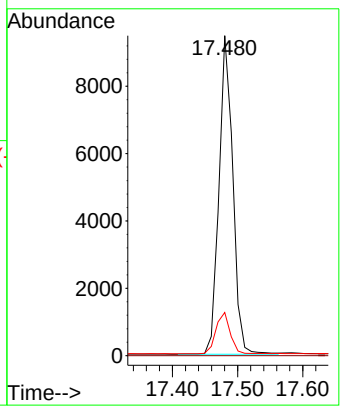


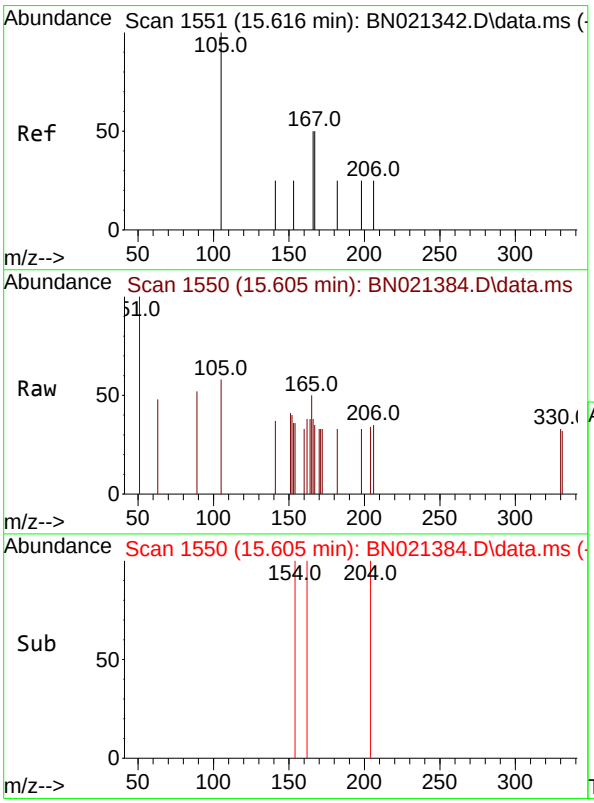
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.480 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:188 Resp: 13969

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.5	9.5	14.3

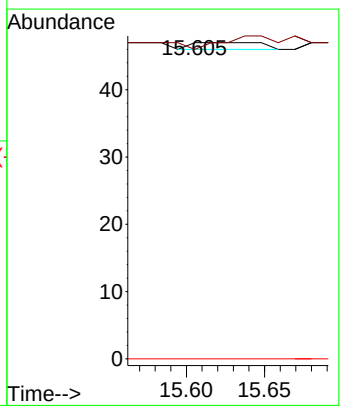


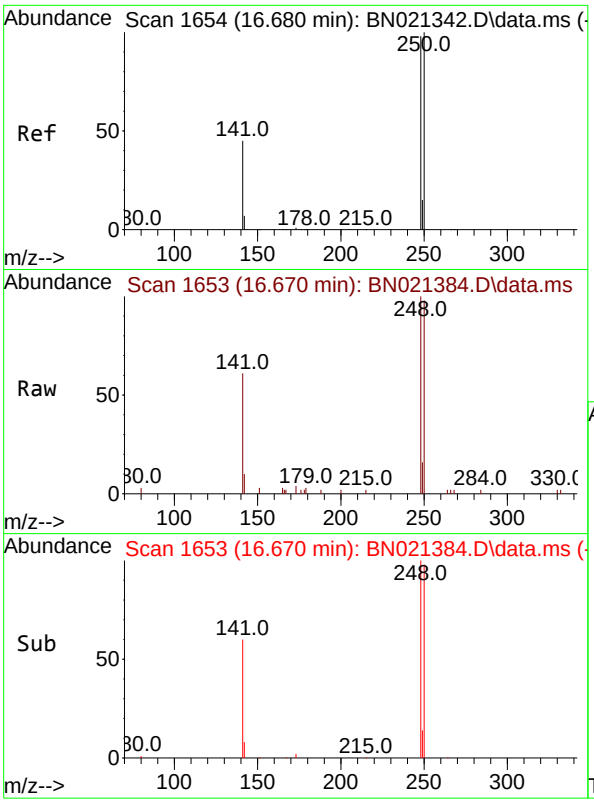


#20
4,6-Dinitro-2-methylphenol
Concen: 0.163 ng
RT: 15.605 min Scan# 1550
Delta R.T. -0.021 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:198 Resp: 3

Ion	Ratio	Lower	Upper
198	100		
182	97.9	86.6	130.0
77	0.0	0.0	0.0



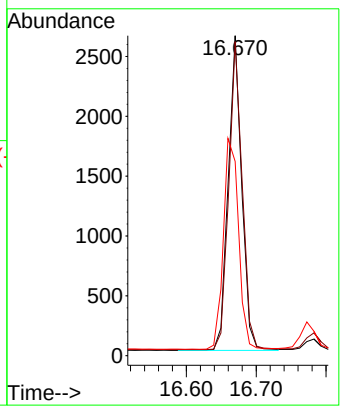


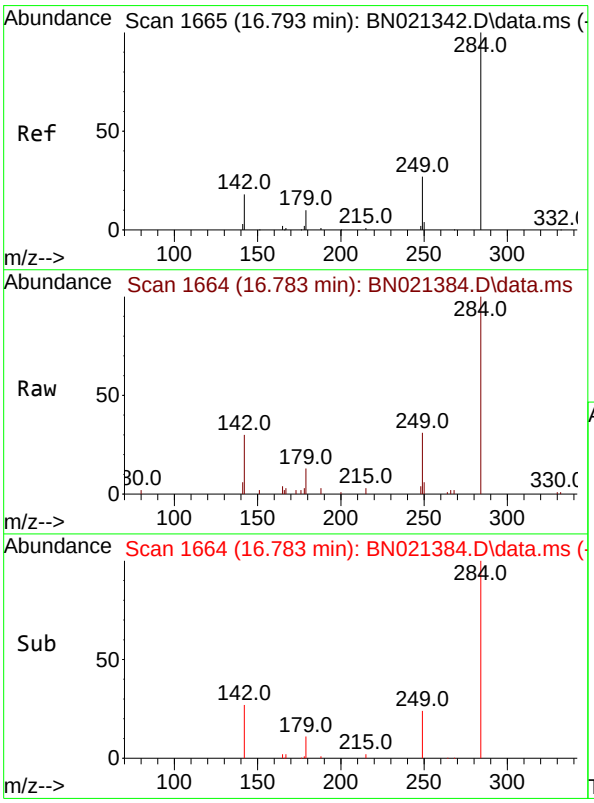
#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.670 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:248 Resp: 3519

Ion	Ratio	Lower	Upper
248	100		
250	98.1	81.8	122.6
141	60.7	38.5	57.7#

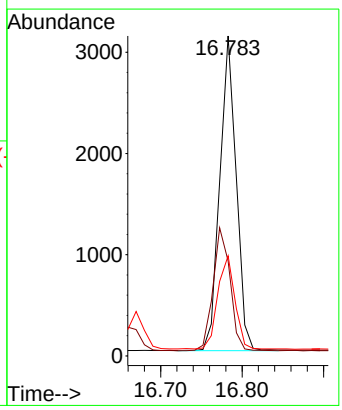


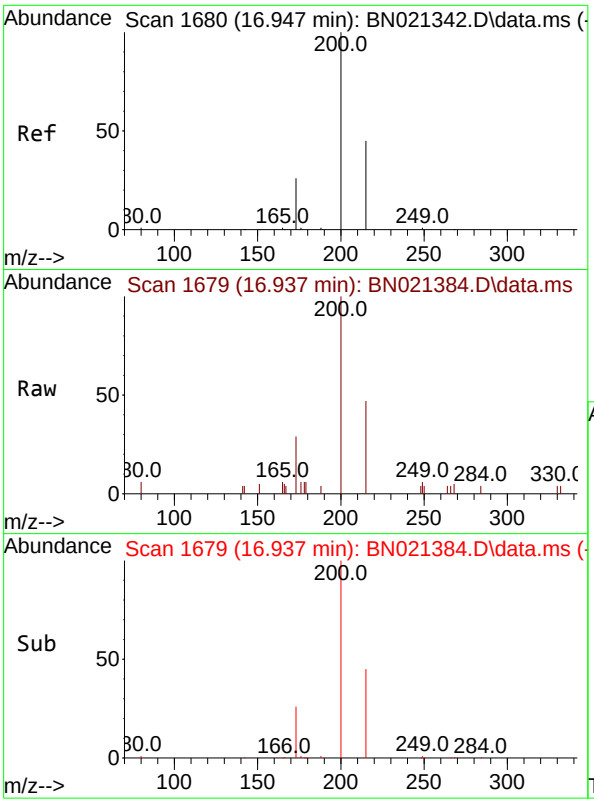


#22
Hexachlorobenzene
Concen: 0.391 ng
RT: 16.783 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:284 Resp: 4345

Ion	Ratio	Lower	Upper
284	100		
142	40.3	32.3	48.5
249	30.9	25.4	38.2



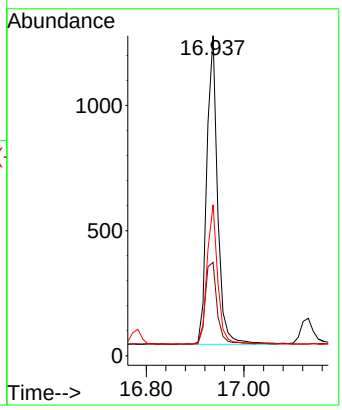


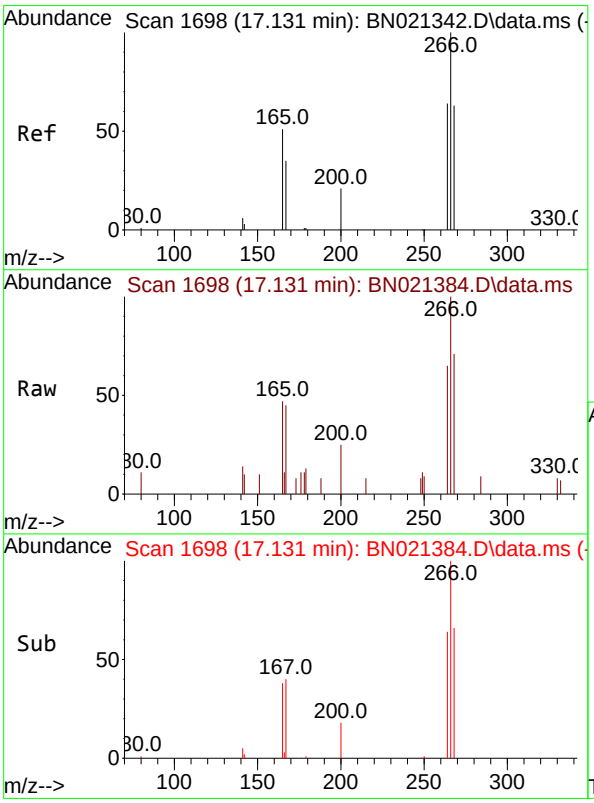
#23
Atrazine
Concen: 0.311 ng
RT: 16.937 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:200 Resp: 1881

Ion	Ratio	Lower	Upper
200	100		
173	29.2	24.3	36.5
215	47.2	38.4	57.6

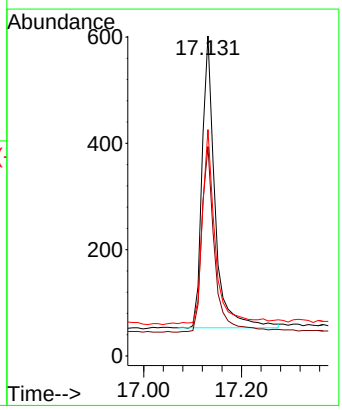


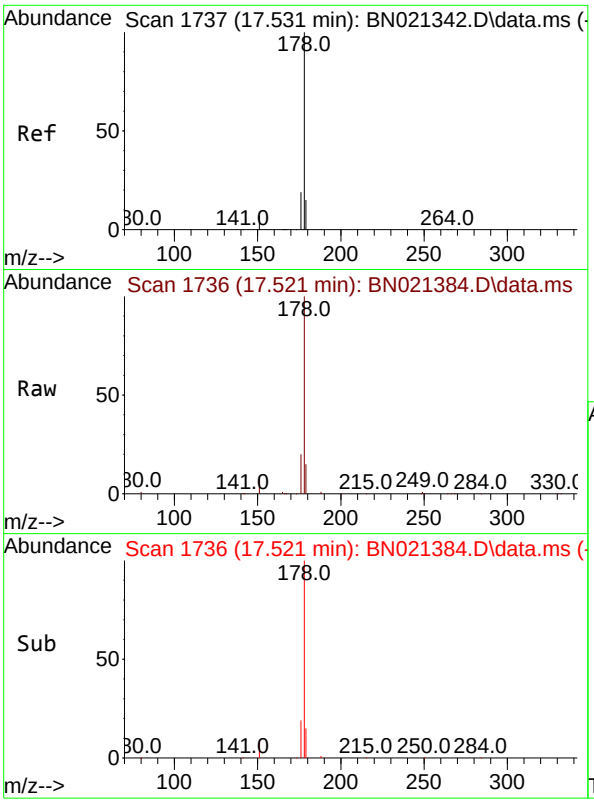


#24
Pentachlorophenol
Concen: 0.263 ng
RT: 17.131 min Scan# 1698
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:266 Resp: 1010

Ion	Ratio	Lower	Upper
266	100		
264	64.2	49.0	73.6
268	65.2	50.9	76.3



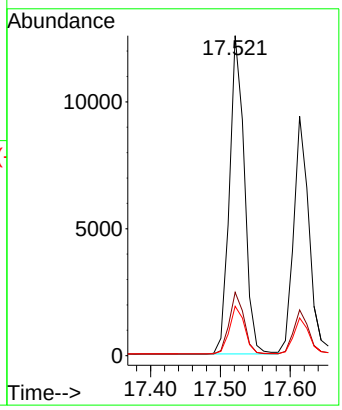


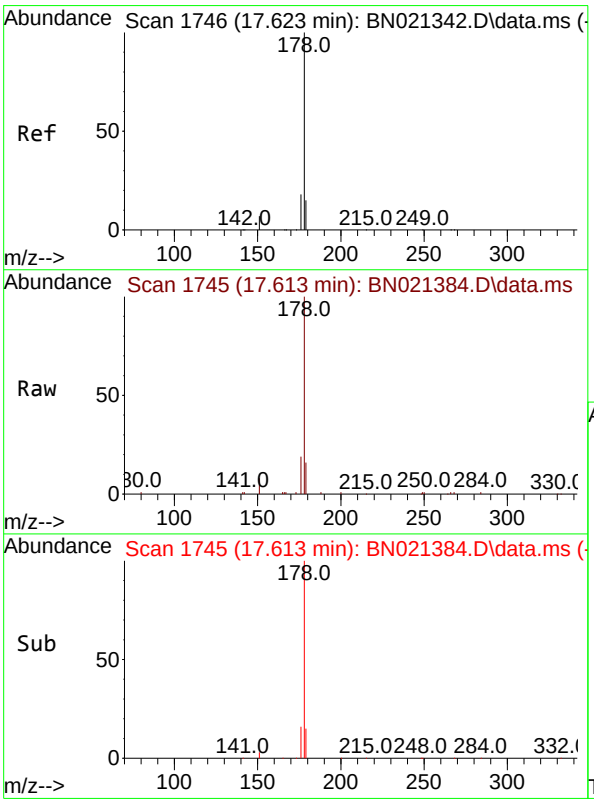
#25
Phenanthrene
Concen: 0.366 ng
RT: 17.521 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:178 Resp: 18674

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.3	12.2	18.4

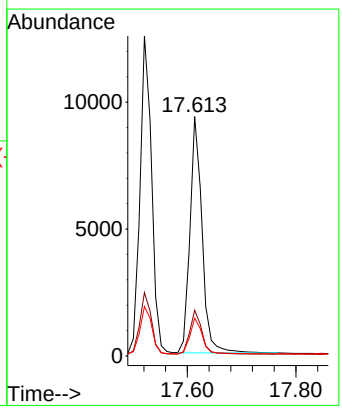


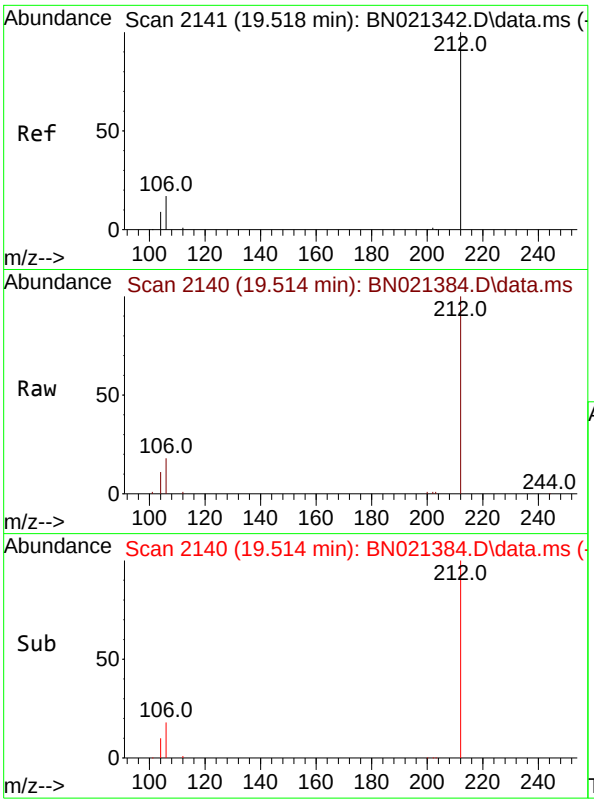


#26
Anthracene
Concen: 0.343 ng
RT: 17.613 min Scan# 1745
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:178 Resp: 14388

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	15.4	12.2	18.2



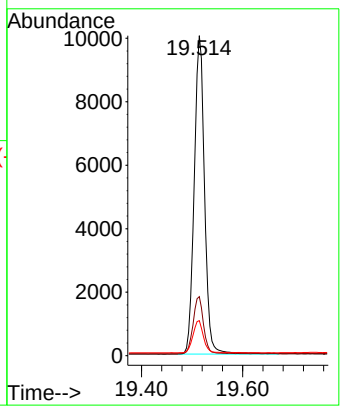


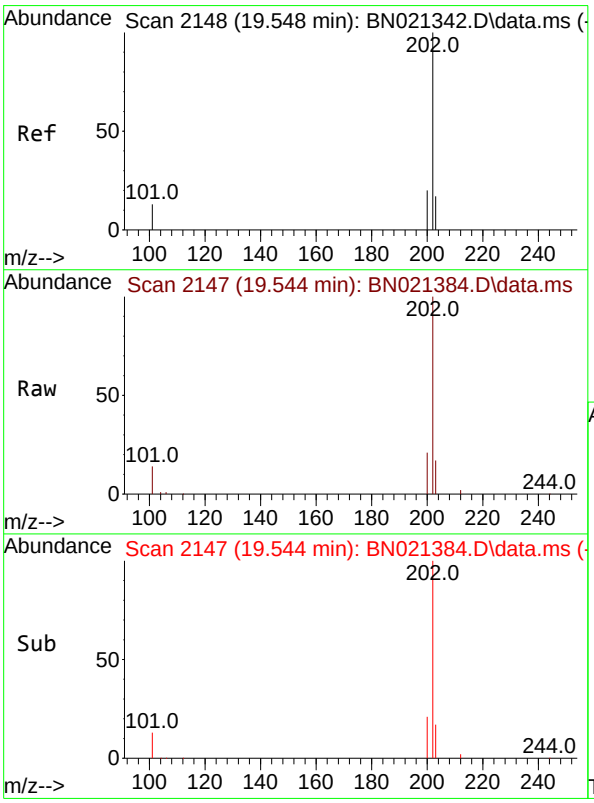
#27
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.514 min Scan# 21
Delta R.T. 0.004 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:212 Resp: 14284

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.2	21.2
104	10.1	7.8	11.6

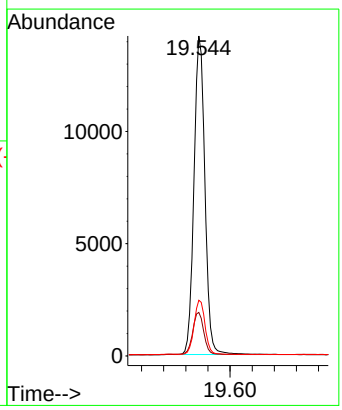


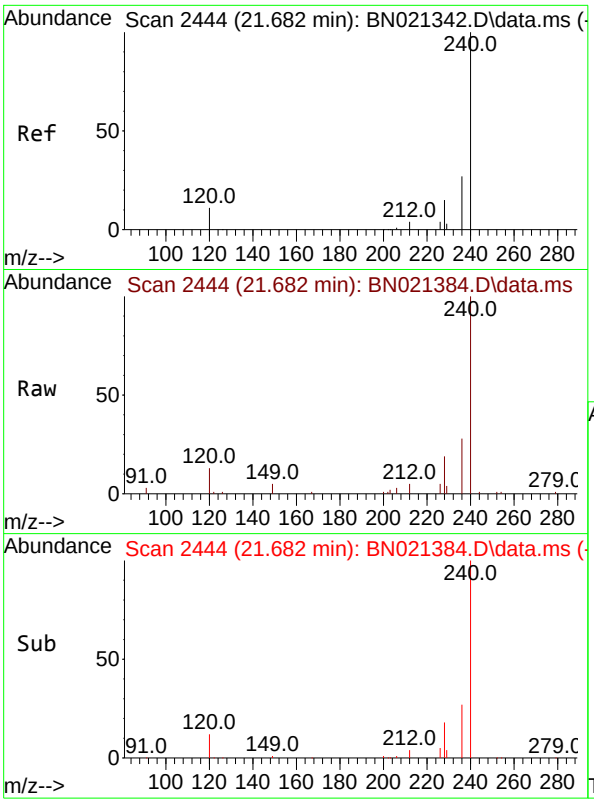


#28
Fluoranthene
Concen: 0.346 ng
RT: 19.544 min Scan# 2147
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:202 Resp: 19461

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
203	17.0	13.8	20.6



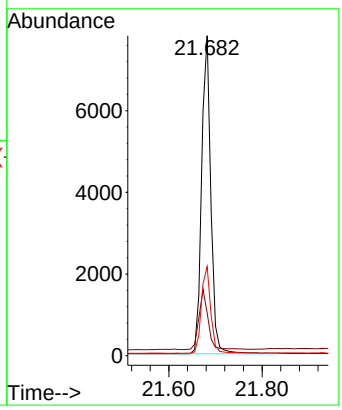


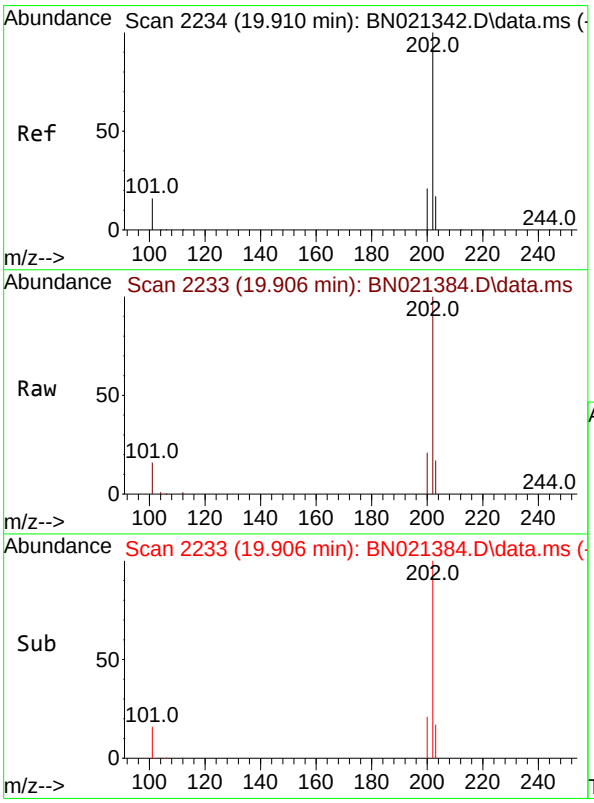
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.682 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:240 Resp: 10700

Ion	Ratio	Lower	Upper
240	100		
120	13.4	10.2	15.4
236	27.9	22.1	33.1

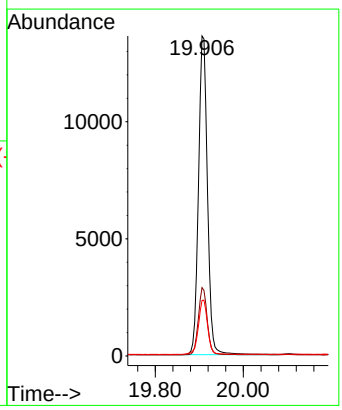


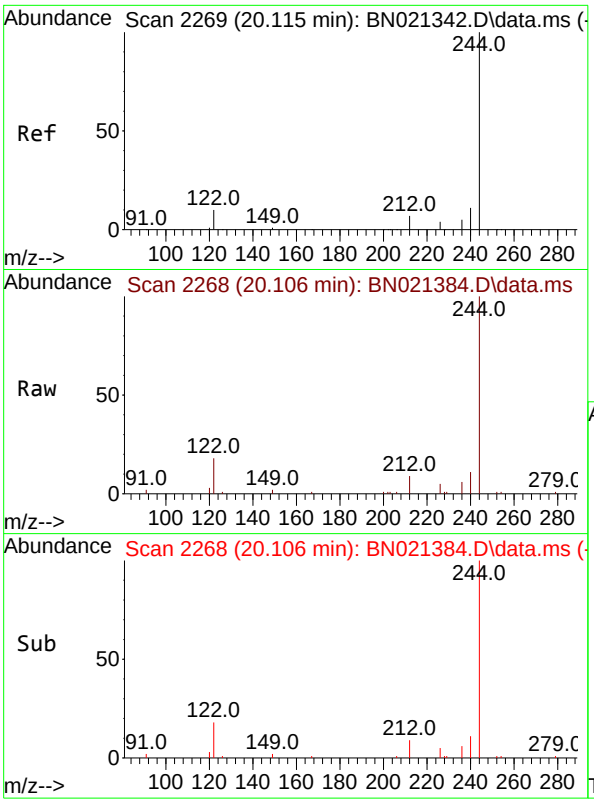


#30
Pyrene
Concen: 0.427 ng
RT: 19.906 min Scan# 2233
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:202 Resp: 23027

Ion	Ratio	Lower	Upper
202	100		
200	20.5	13.9	20.9
203	14.7	11.9	17.9



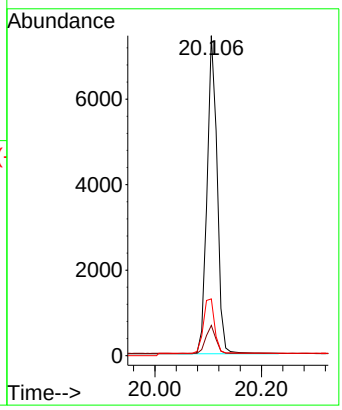


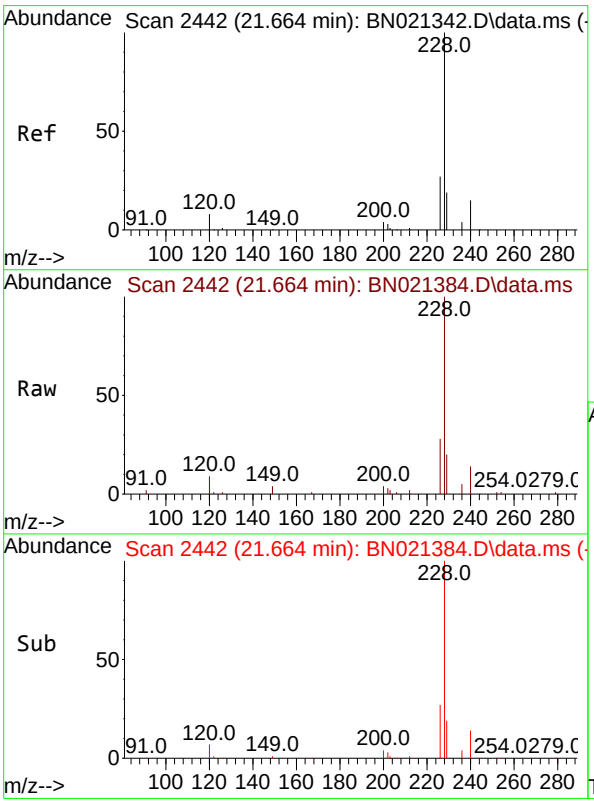
#31
Terphenyl-d14
Concen: 0.429 ng
RT: 20.106 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:244 Resp: 9709

Ion	Ratio	Lower	Upper
244	100		
212	9.4	6.5	9.7
122	17.8	9.1	13.7#

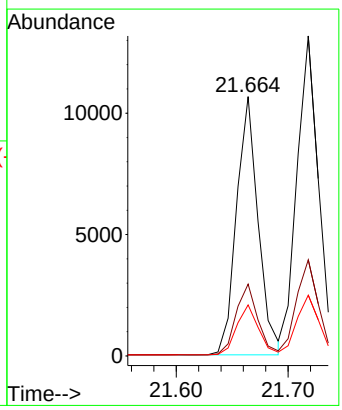


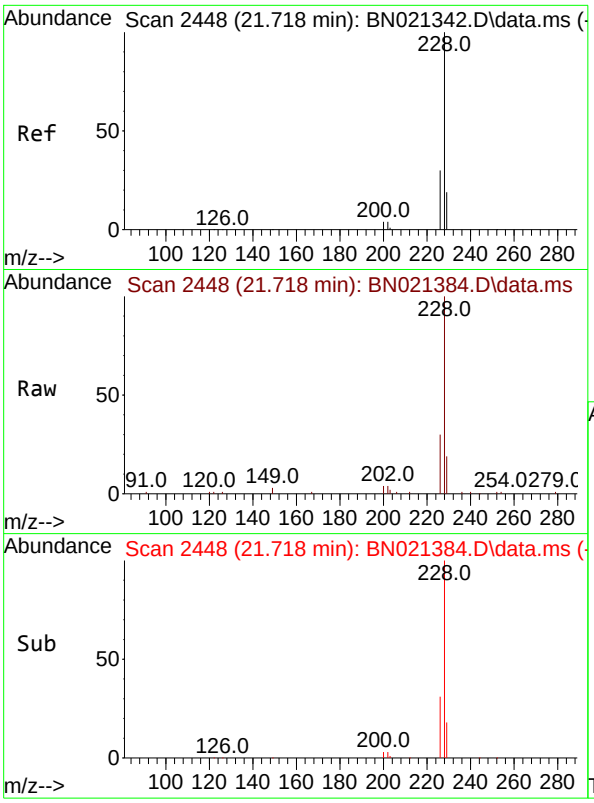


#32
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.664 min Scan# 2442
Delta R.T. 0.009 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:228 Resp: 14339

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.7	15.9	23.9



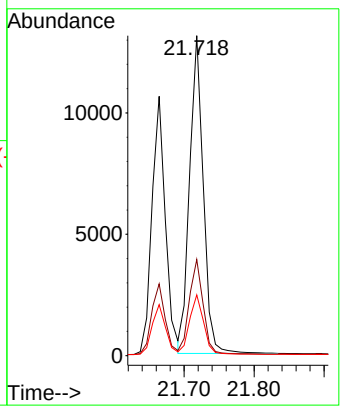


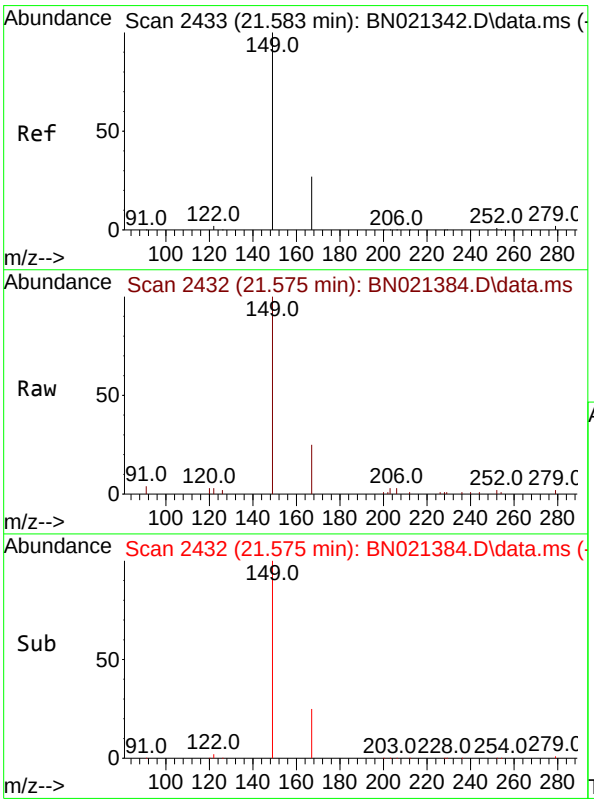
#33
Chrysene
Concen: 0.403 ng
RT: 21.718 min Scan# 24
Delta R.T. 0.009 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:228 Resp: 17802

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.2
229	19.0	15.9	23.9

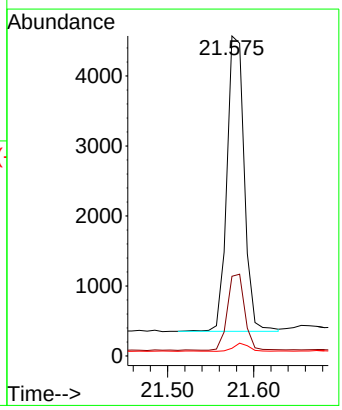


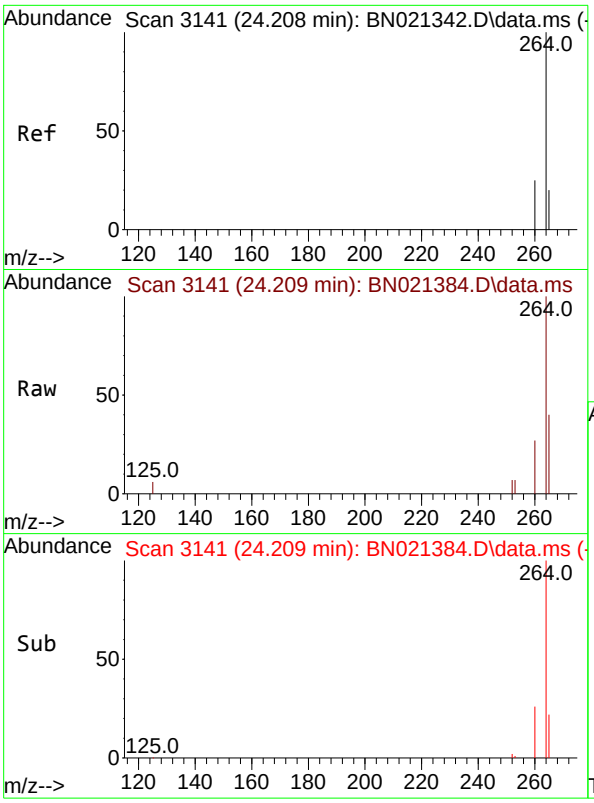


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.302 ng
RT: 21.575 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:149 Resp: 5888

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.4	2.2	3.2



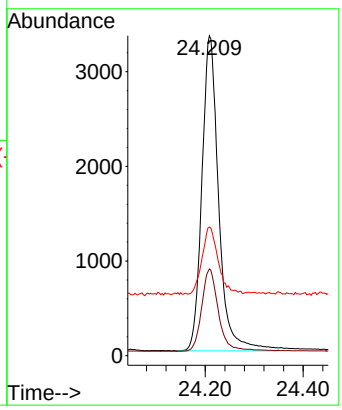


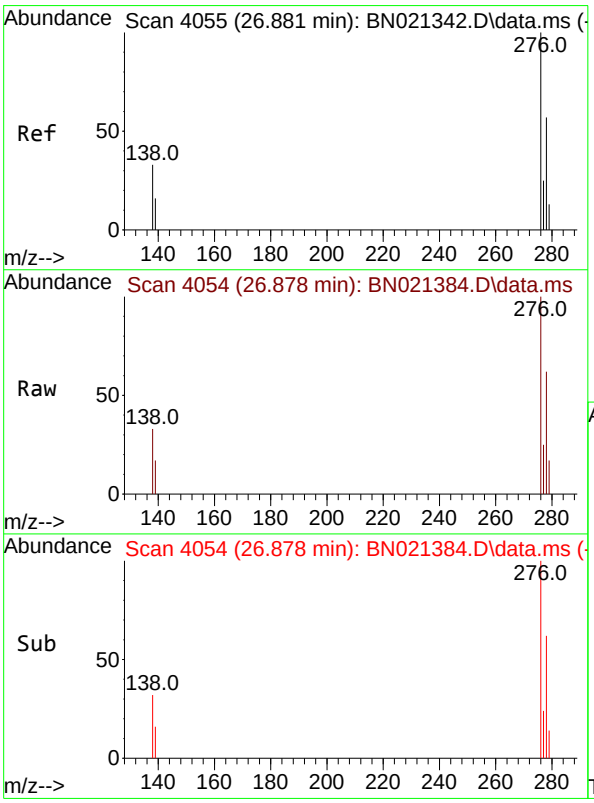
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.209 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:264 Resp: 7899

Ion	Ratio	Lower	Upper
264	100		
260	27.1	21.0	31.6
265	40.2	32.2	48.2

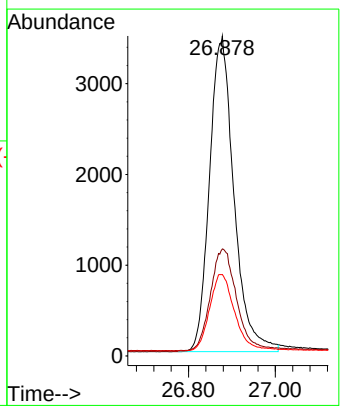


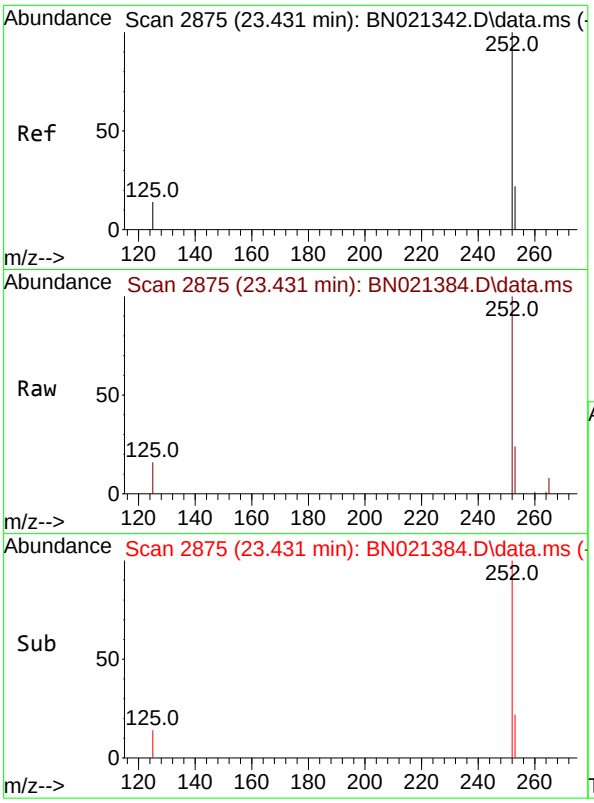


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 26.878 min Scan# 4054
Delta R.T. 0.018 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:276 Resp: 13580

Ion	Ratio	Lower	Upper
276	100		
138	34.4	27.4	41.2
277	25.0	19.9	29.9



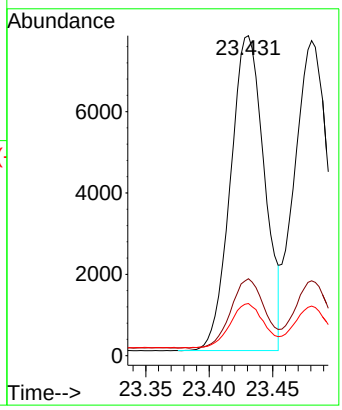


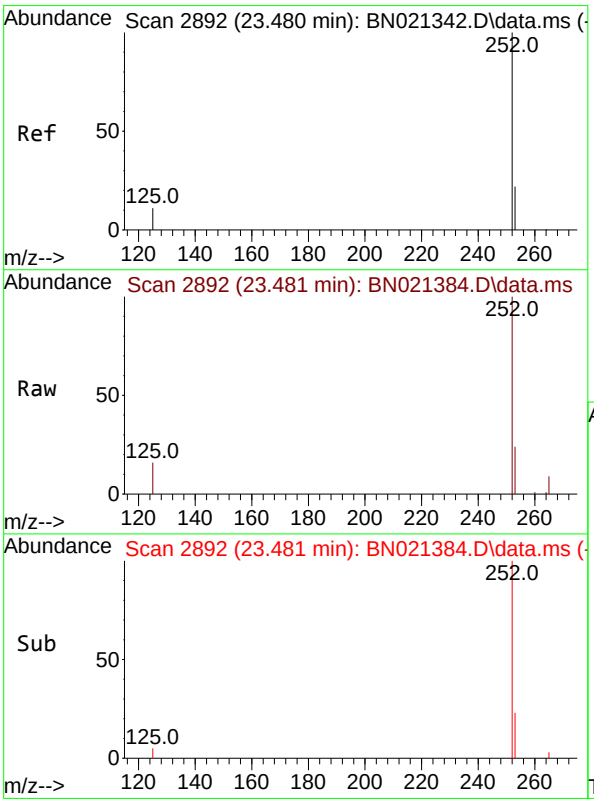
#37
Benzo(b)fluoranthene
Concen: 0.413 ng
RT: 23.431 min Scan# 2
Delta R.T. 0.006 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:252 Resp: 14394

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.8	29.6
125	16.3	13.7	20.5

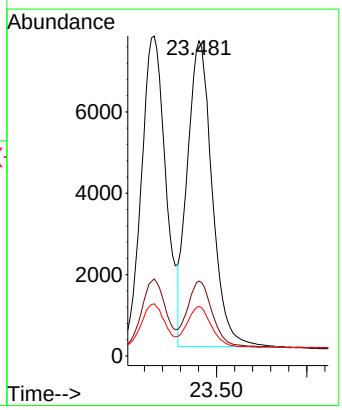


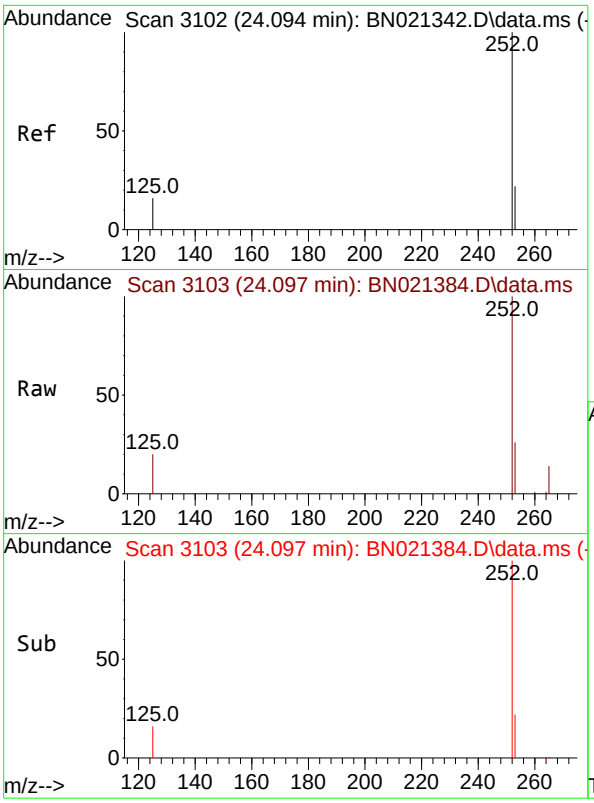


#38
Benzo(k)fluoranthene
Concen: 0.398 ng
RT: 23.481 min Scan# 2892
Delta R.T. 0.006 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:252 Resp: 14318

Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.5	29.3
125	15.7	12.3	18.5



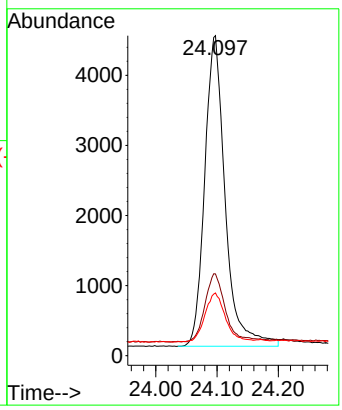


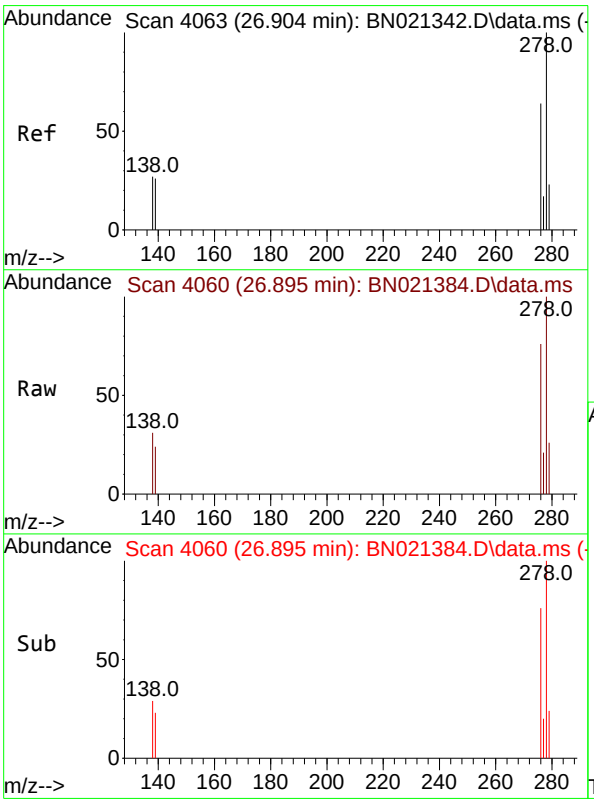
#39
Benzo(a)pyrene
Concen: 0.365 ng
RT: 24.097 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:252 Resp: 10313

Ion	Ratio	Lower	Upper
252	100		
253	25.5	21.1	31.7
125	19.6	16.6	25.0

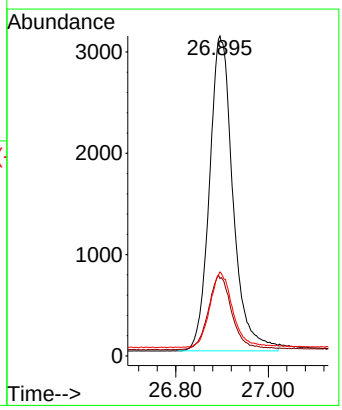


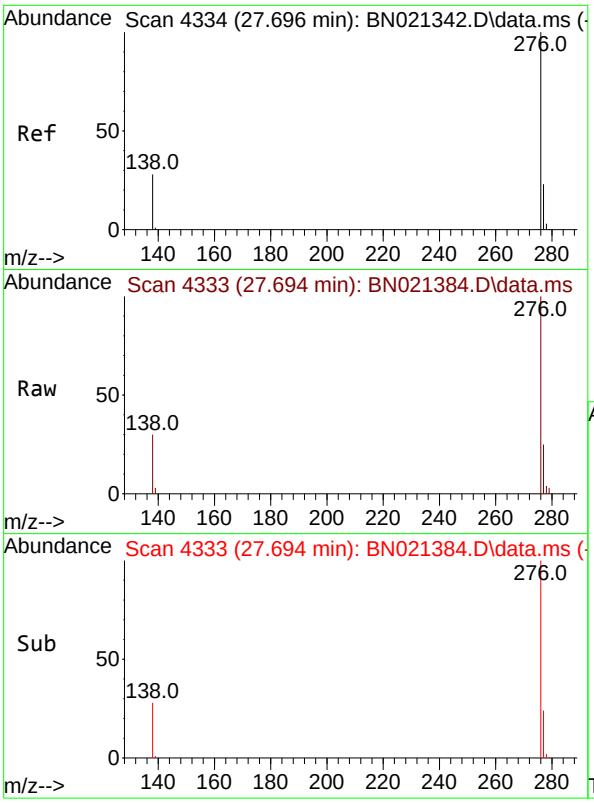


#40
Dibenzo(a,h)anthracene
Concen: 0.331 ng
RT: 26.895 min Scan# 4060
Delta R.T. 0.006 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Tgt Ion:278 Resp: 10946

Ion	Ratio	Lower	Upper
278	100		
139	24.2	21.8	32.6
279	26.3	20.4	30.6





#41
Benzo(g,h,i)perylene
Concen: 0.350 ng
RT: 27.694 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN021384.D
Acq: 26 Aug 2022 14:24

Instrument :
BNA_N
ClientSampleId :
PB147117BS

Tgt Ion:276 Resp: 12164

Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.7	29.5
138	30.0	23.7	35.5