Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017466.D
Acq On : 16 Nov 2021 08:54
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 16 11:42:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration

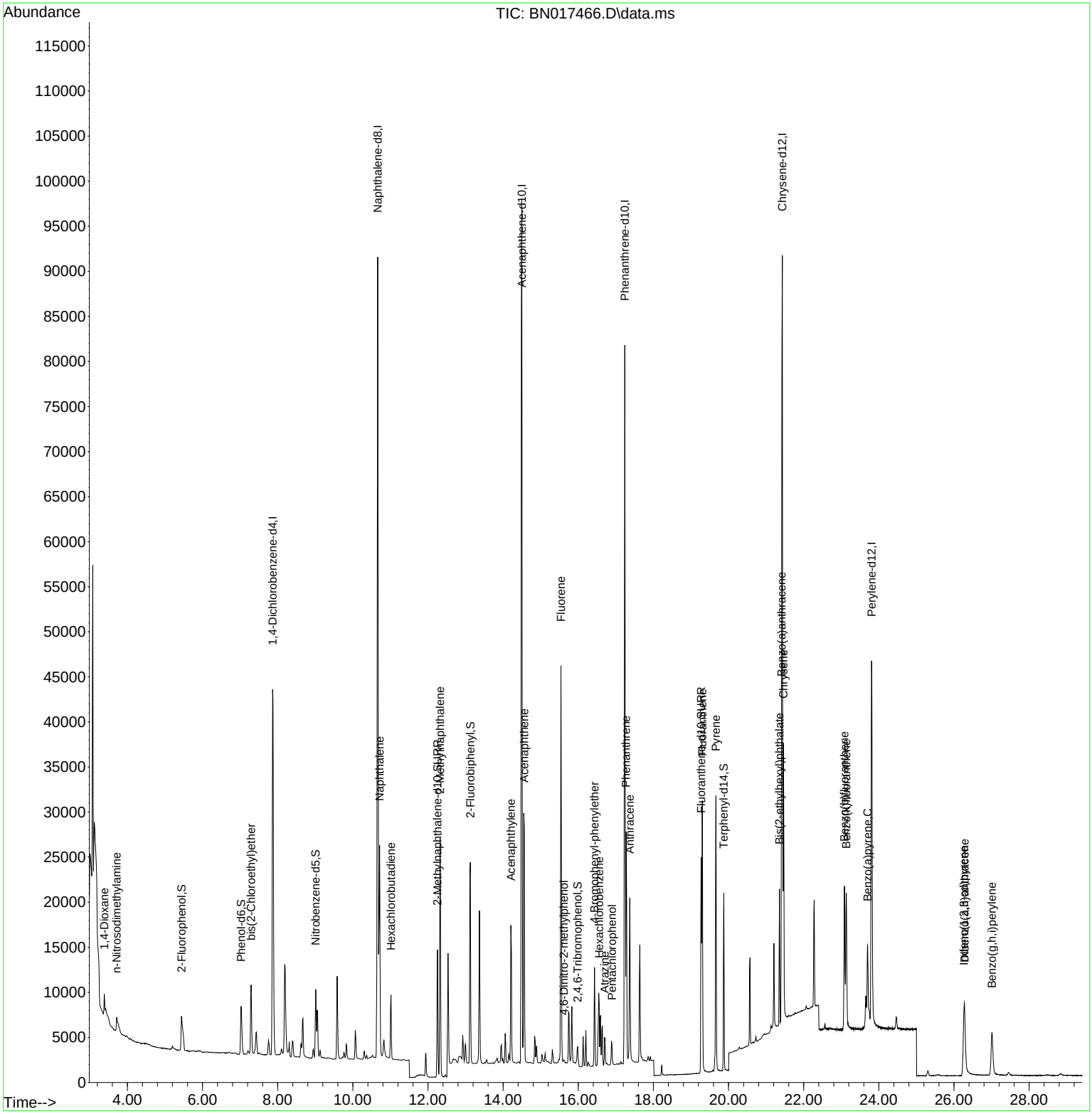
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.865	152	26591	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	120443	0.400	ng	#	0.00
13) Acenaphthene-d10	14.498	164	61929	0.400	ng		0.00
19) Phenanthrene-d10	17.238	188	104969	0.400	ng		0.00
29) Chrysene-d12	21.431	240	80400	0.400	ng	#	0.01
35) Perylene-d12	23.808	264	58907	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.440	112	6216	0.101	ng		0.00
5) Phenol-d6	7.026	99	6513	0.096	ng		0.00
8) Nitrobenzene-d5	9.014	82	6598	0.091	ng		0.00
11) 2-Methylnaphthalene-d10	12.253	152	19355	0.109	ng		0.00
14) 2,4,6-Tribromophenol	15.983	330	1412	0.061	ng		0.00
15) 2-Fluorobiphenyl	13.128	172	22705	0.096	ng		0.00
27) Fluoranthene-d10	19.273	212	28652	0.107	ng		0.00
31) Terphenyl-d14	19.873	244	19598	0.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	1160	0.078	ng	#	57
3) n-Nitrosodimethylamine	3.716	42	2127	0.093	ng		92
6) bis(2-Chloroethyl)ether	7.293	93	7302	0.103	ng		95
9) Naphthalene	10.712	128	30535	0.096	ng		100
10) Hexachlorobutadiene	11.016	225	6179	0.099	ng	#	99
12) 2-Methylnaphthalene	12.324	142	19010	0.091	ng		97
16) Acenaphthylene	14.207	152	19074	0.076	ng		100
17) Acenaphthene	14.562	154	16101	0.093	ng		99
18) Fluorene	15.539	166	18124	0.087	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	317	0.029	ng	#	46
21) 4-Bromophenyl-phenylether	16.435	248	5426	0.092	ng	#	78
22) Hexachlorobenzene	16.556	284	6434	0.098	ng	#	86
23) Atrazine	16.702	200	3068	0.077	ng	#	91
24) Pentachlorophenol	16.897	266	1529	0.066	ng		98
25) Phenanthrene	17.274	178	27557	0.092	ng		99
26) Anthracene	17.372	178	20797	0.083	ng		99
28) Fluoranthene	19.303	202	28181	0.087	ng		99
30) Pyrene	19.665	202	28395	0.109	ng		100
32) Benzo(a)anthracene	21.409	228	22871	0.094	ng		99
33) Chrysene	21.462	228	24585	0.095	ng		99
34) Bis(2-ethylhexyl)phtha...	21.356	149	12152	0.141	ng		98
36) Indeno(1,2,3-cd)pyrene	26.265	276	11918	0.058	ng		97
37) Benzo(b)fluoranthene	23.085	252	21079	0.109	ng	#	87
38) Benzo(k)fluoranthene	23.133	252	19260	0.100	ng	#	83
39) Benzo(a)pyrene	23.698	252	15332	0.090	ng	#	79
40) Dibenzo(a,h)anthracene	26.282	278	9055	0.055	ng	#	78
41) Benzo(g,h,i)perylene	27.008	276	11580	0.065	ng		93

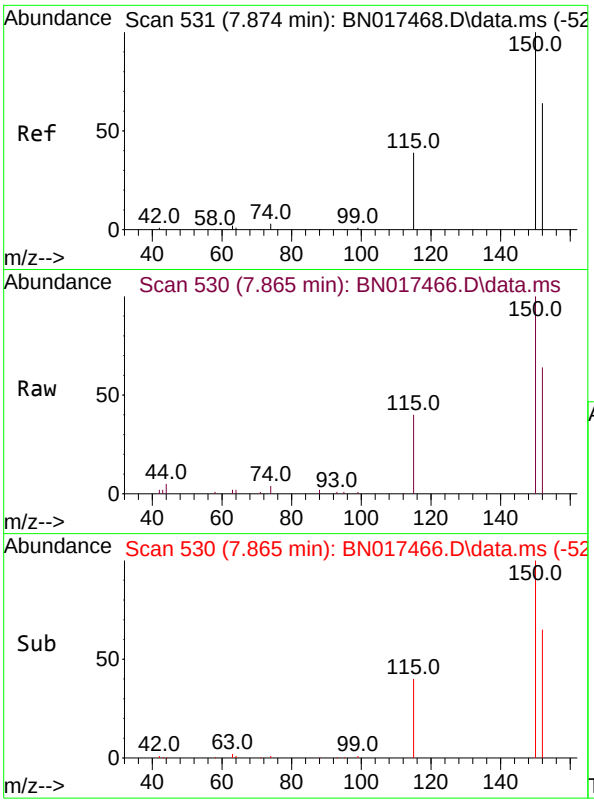
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017466.D
Acq On : 16 Nov 2021 08:54
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 16 11:42:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration



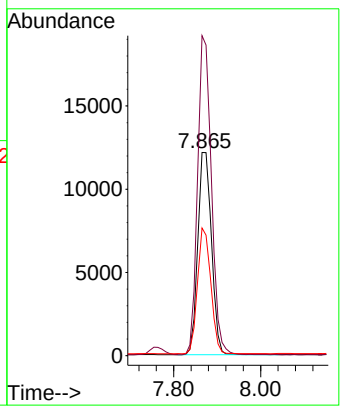


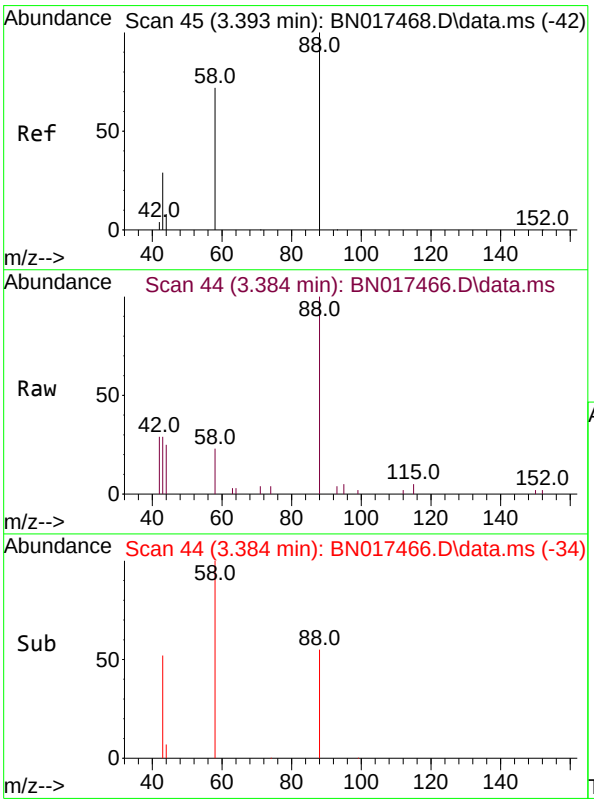
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.865 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 26591

Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.4
115	62.8	45.6	68.4

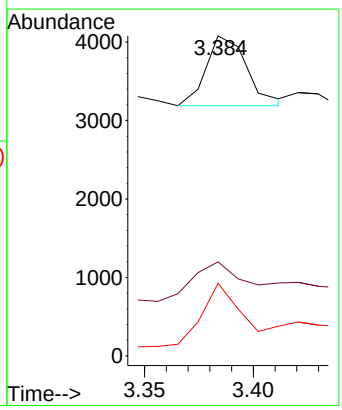


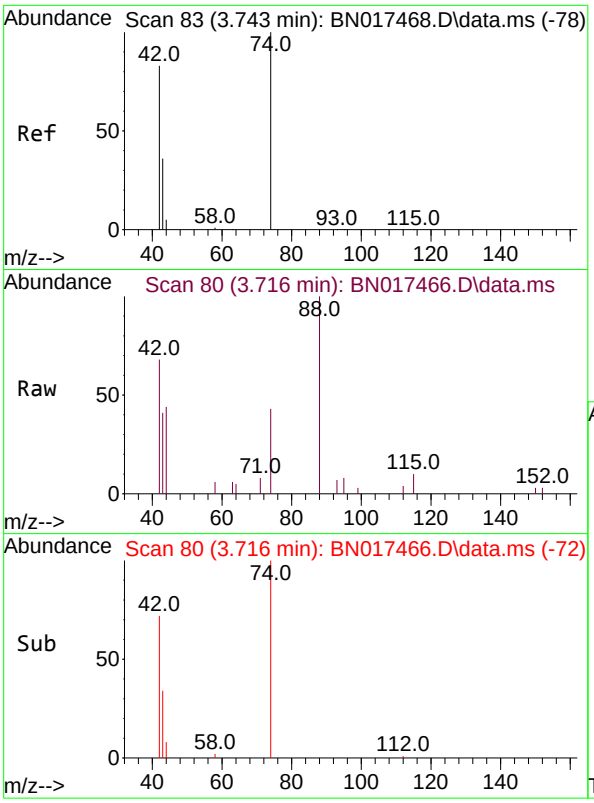


#2
1,4-Dioxane
Concen: 0.078 ng
RT: 3.384 min Scan# 44
Delta R.T. -0.009 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion: 88 Resp: 1160

Ion	Ratio	Lower	Upper
88	100		
43	81.2	24.7	37.1#
58	100.3	63.0	94.6#



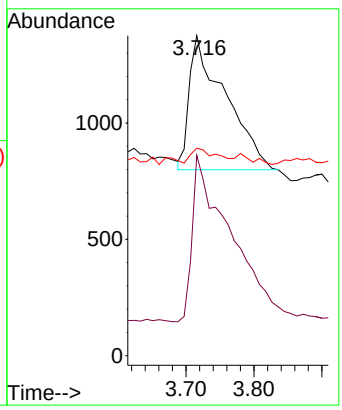


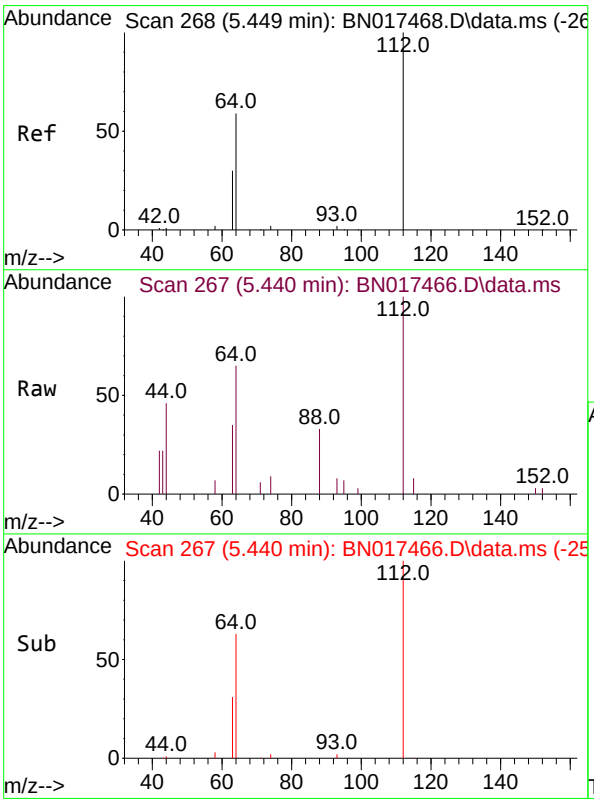
#3
n-Nitrosodimethylamine
Concen: 0.093 ng
RT: 3.716 min Scan# 8
Delta R.T. -0.028 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 2127

Ion	Ratio	Lower	Upper
42	100		
74	131.4	97.8	146.6
44	7.3	5.5	8.3

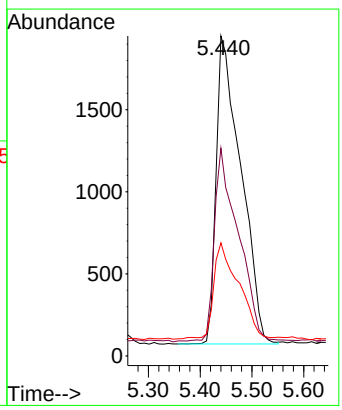


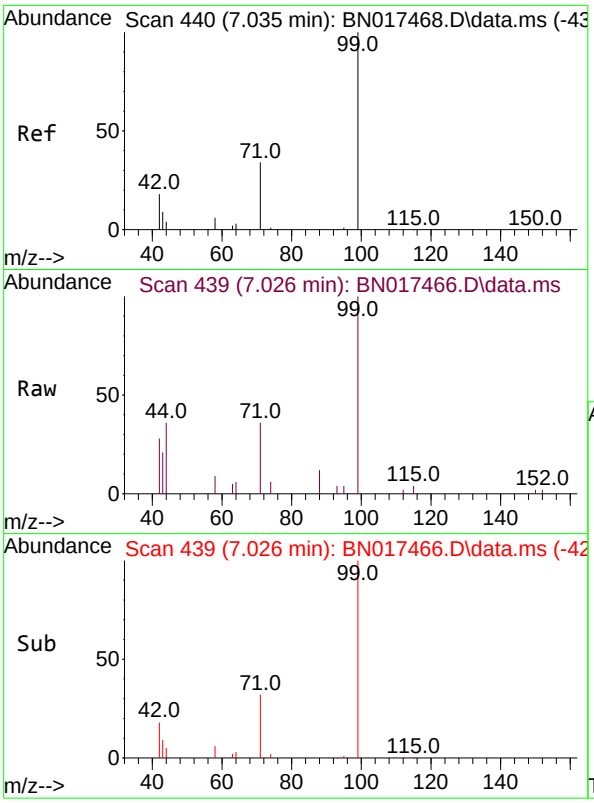


#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.440 min Scan# 267
Delta R.T. -0.009 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:112 Resp: 6216

Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.6	71.4
63	31.4	24.6	37.0



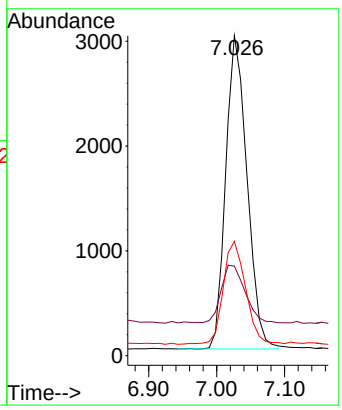


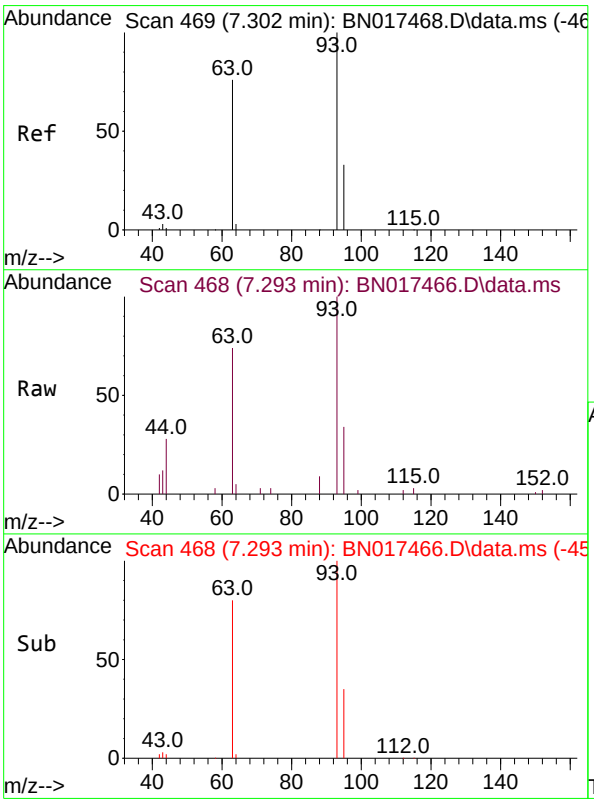
#5
Phenol-d6
Concen: 0.096 ng
RT: 7.026 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion: 99 Resp: 6513

Ion	Ratio	Lower	Upper
99	100		
42	20.3	17.0	25.6
71	34.4	24.8	37.2

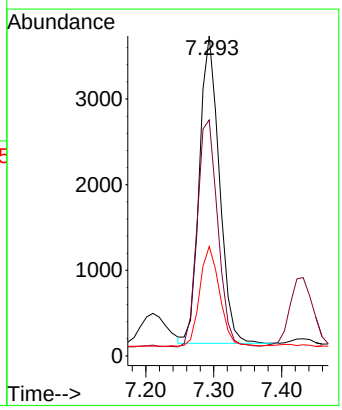


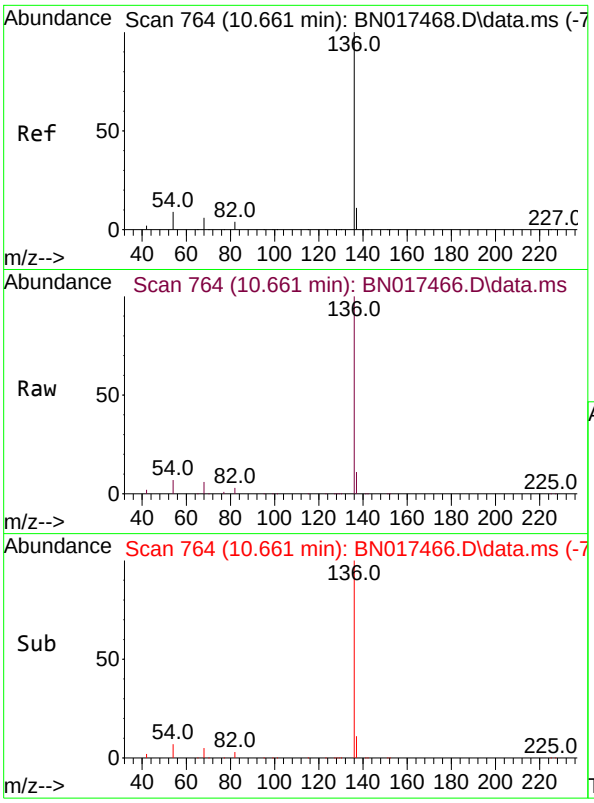


#6
bis(2-Chloroethyl)ether
Concen: 0.103 ng
RT: 7.293 min Scan# 468
Delta R.T. -0.009 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion: 93 Resp: 7302

Ion	Ratio	Lower	Upper
93	100		
63	75.9	65.8	98.6
95	32.8	26.6	39.8



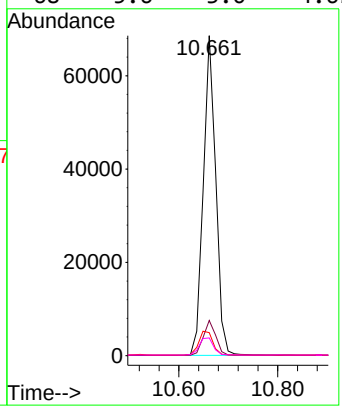


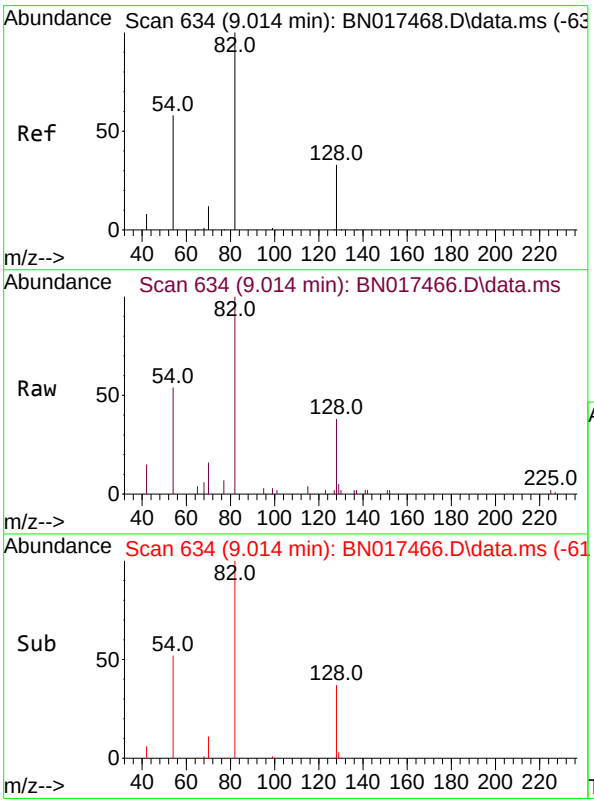
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.661 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:136 Resp: 120443

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.2	4.0	6.0#
68	5.6	3.0	4.6#

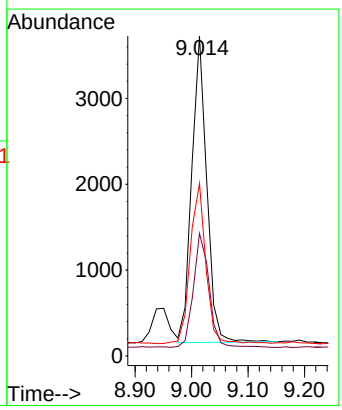


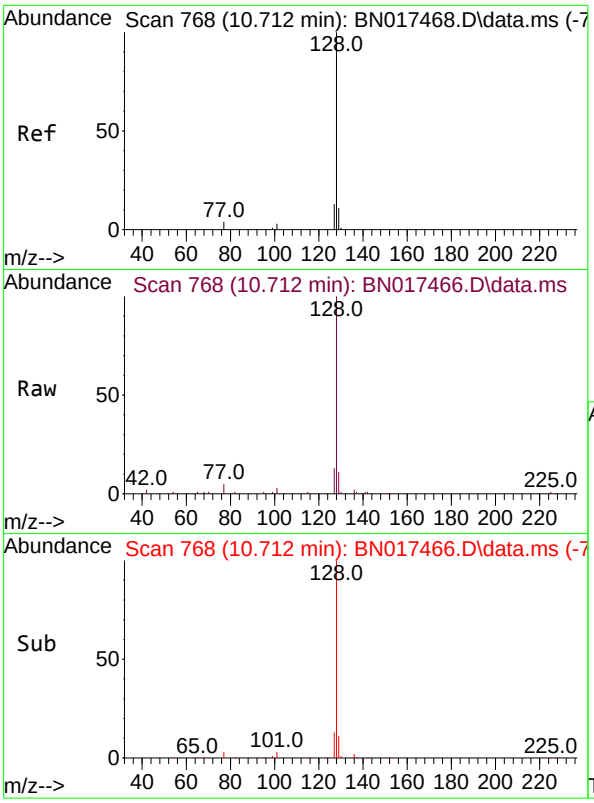


#8
Nitrobenzene-d5
Concen: 0.091 ng
RT: 9.014 min Scan# 634
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion: 82 Resp: 6598

Ion	Ratio	Lower	Upper
82	100		
128	38.3	27.7	41.5
54	53.9	49.2	73.8



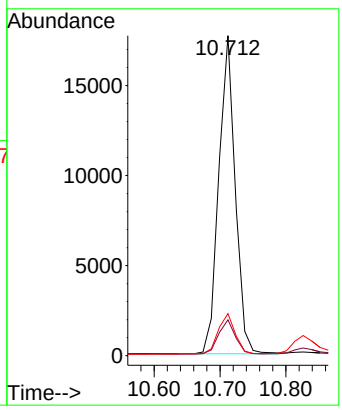


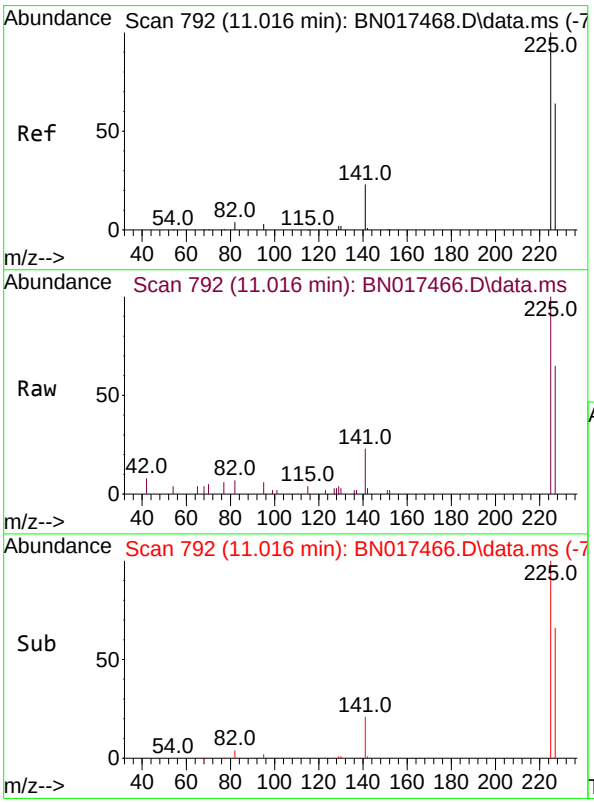
#9
Naphthalene
Concen: 0.096 ng
RT: 10.712 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:128 Resp: 30535

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.2	10.6	15.8

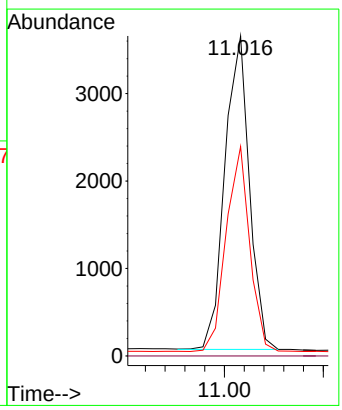


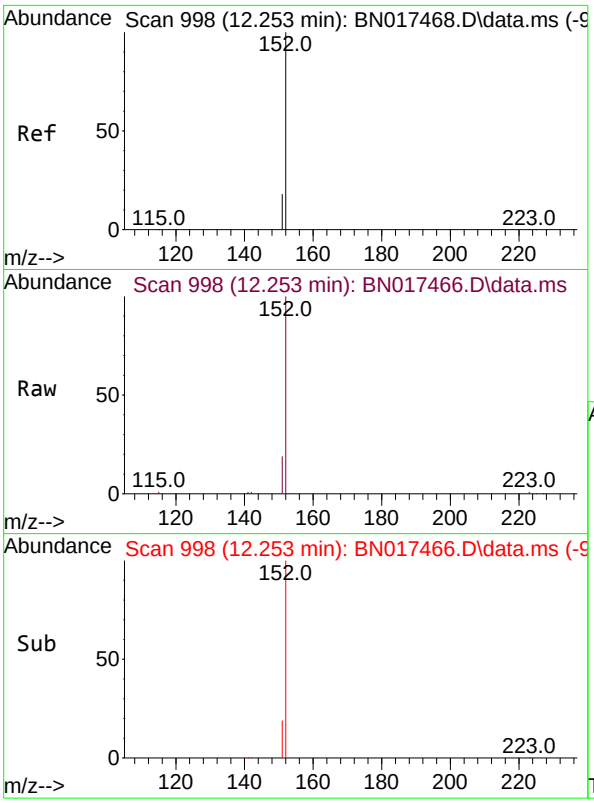


#10
Hexachlorobutadiene
Concen: 0.099 ng
RT: 11.016 min Scan# 792
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:225 Resp: 6179

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.8	51.1	76.7



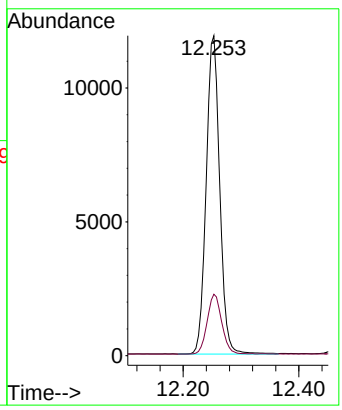


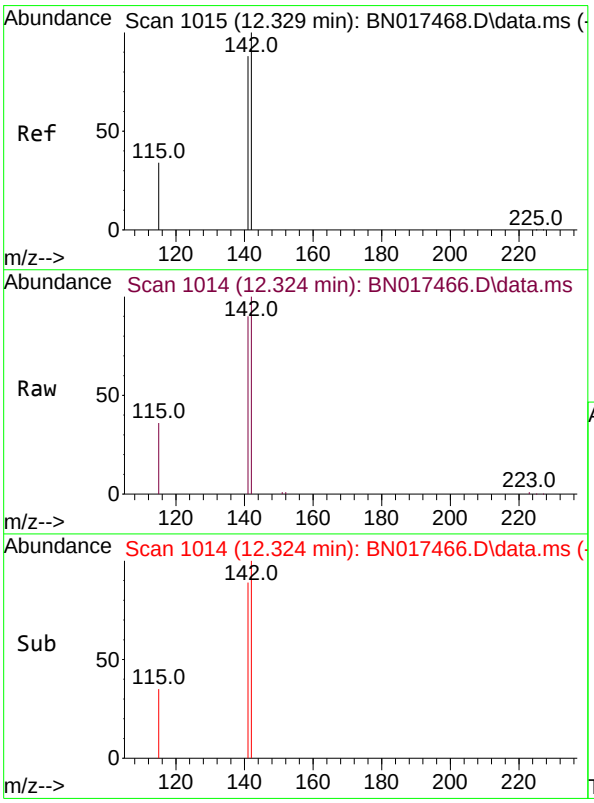
#11
2-Methylnaphthalene-d10
Concen: 0.109 ng
RT: 12.253 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:152 Resp: 19355

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4

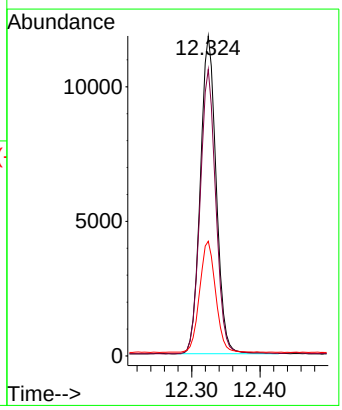


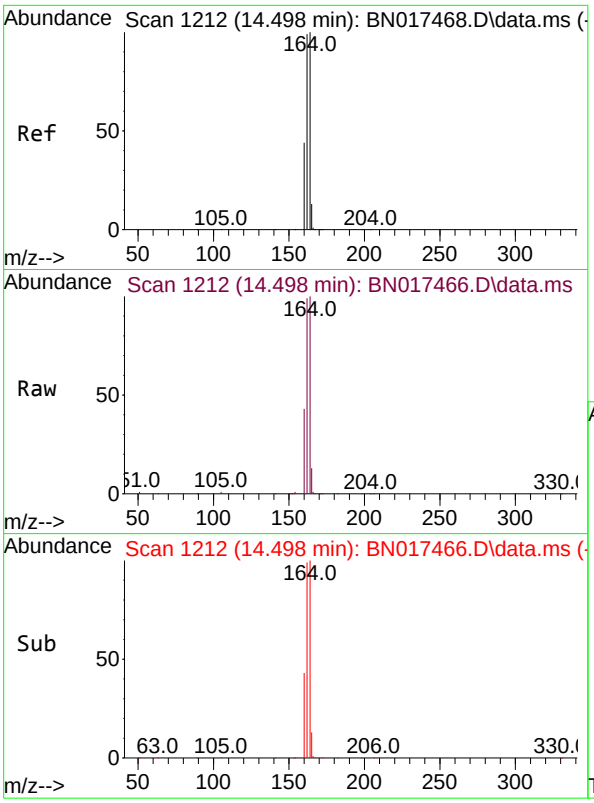


#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.324 min Scan# 1014
Delta R.T. -0.004 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:142 Resp: 19010

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.6	106.0
115	35.8	25.8	38.6



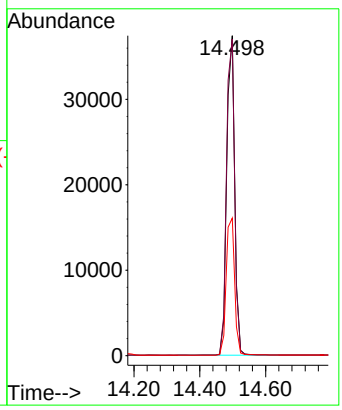


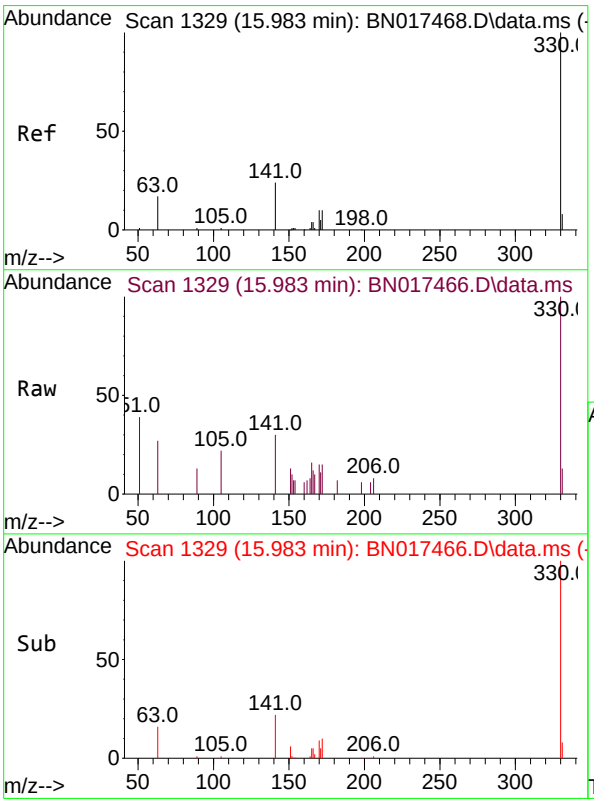
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.498 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:164 Resp: 61929

Ion	Ratio	Lower	Upper
164	100		
162	98.9	81.4	122.2
160	43.0	36.8	55.2

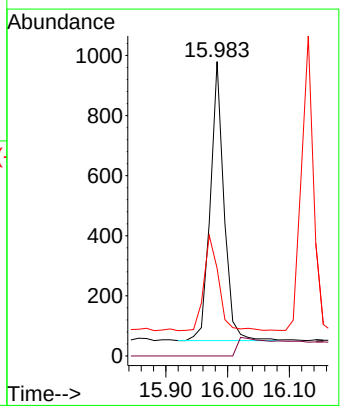


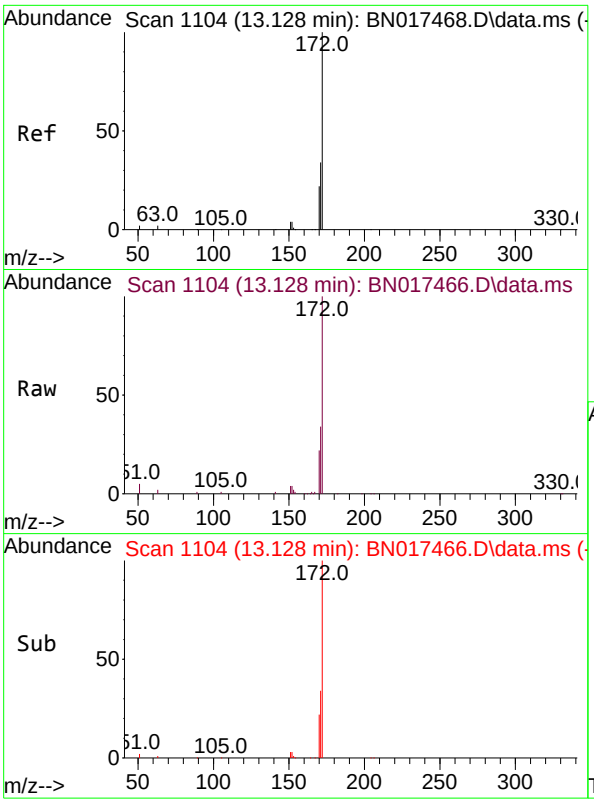


#14
2,4,6-Tribromophenol
Concen: 0.061 ng
RT: 15.983 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:330 Resp: 1412

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.8	28.9	43.3



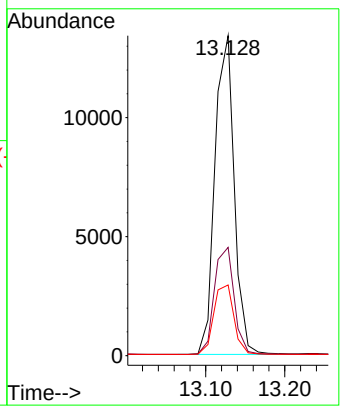


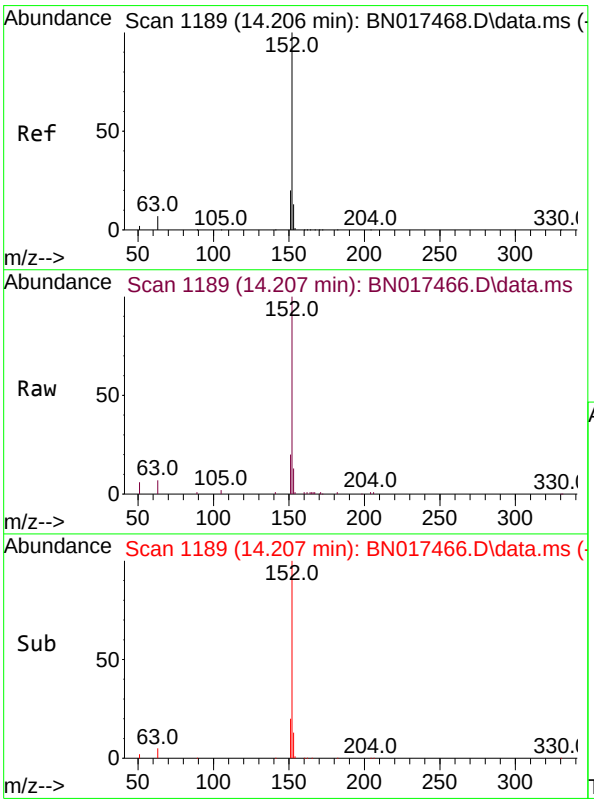
#15
2-Fluorobiphenyl
Concen: 0.096 ng
RT: 13.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:172 Resp: 22705

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.7	43.1
170	22.1	19.4	29.2

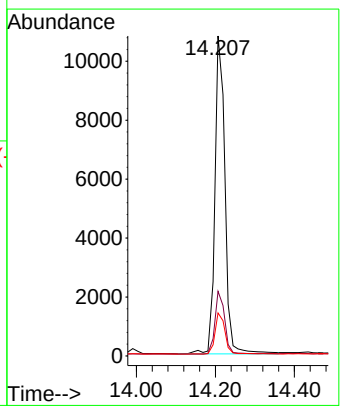


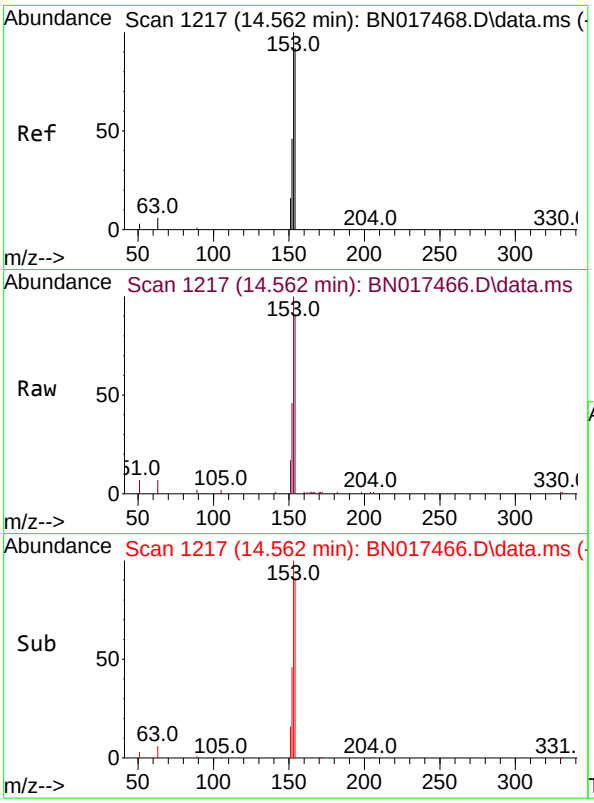


#16
Acenaphthylene
Concen: 0.076 ng
RT: 14.207 min Scan# 1189
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:152 Resp: 19074

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.5	23.3
153	12.8	10.4	15.6



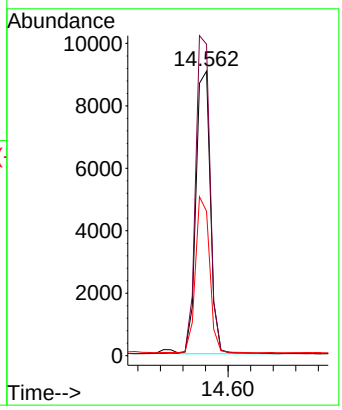


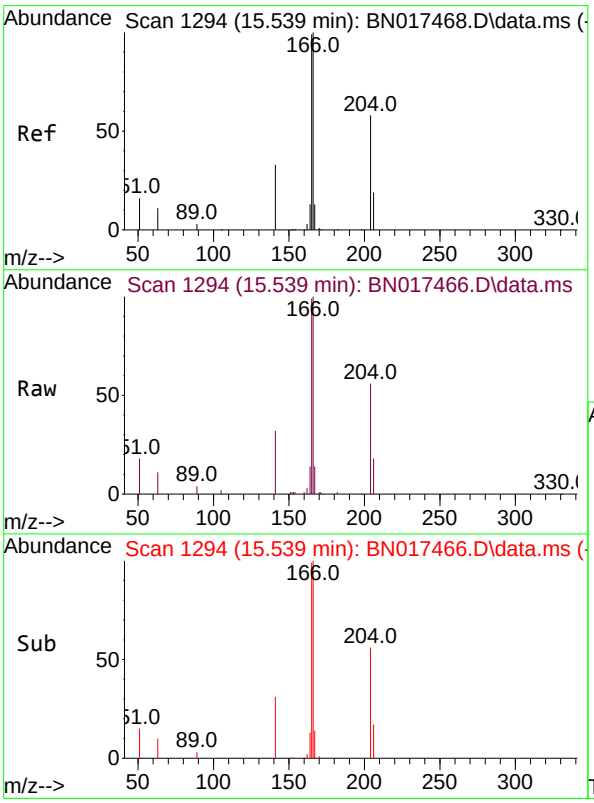
#17
Acenaphthene
Concen: 0.093 ng
RT: 14.562 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:154 Resp: 16101

Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	54.0	44.3	66.5

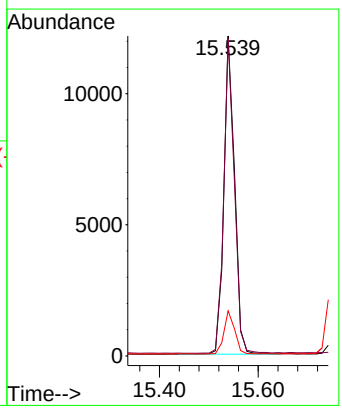


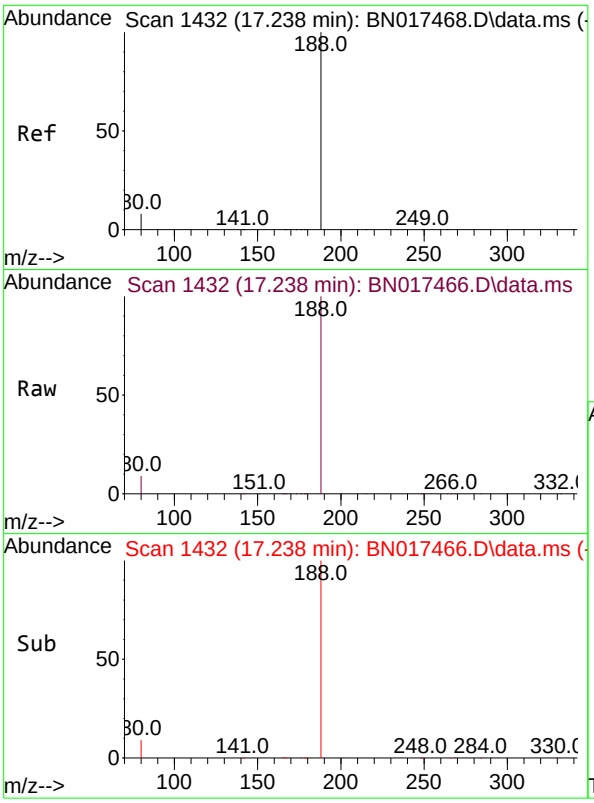


#18
Fluorene
Concen: 0.087 ng
RT: 15.539 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:166 Resp: 18124

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.9	116.9
167	13.6	10.9	16.3



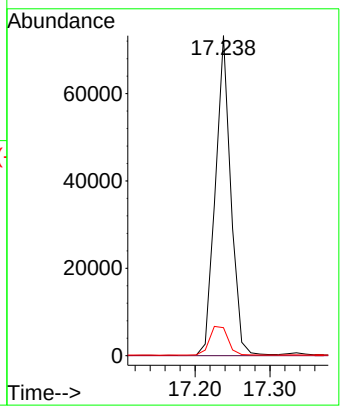


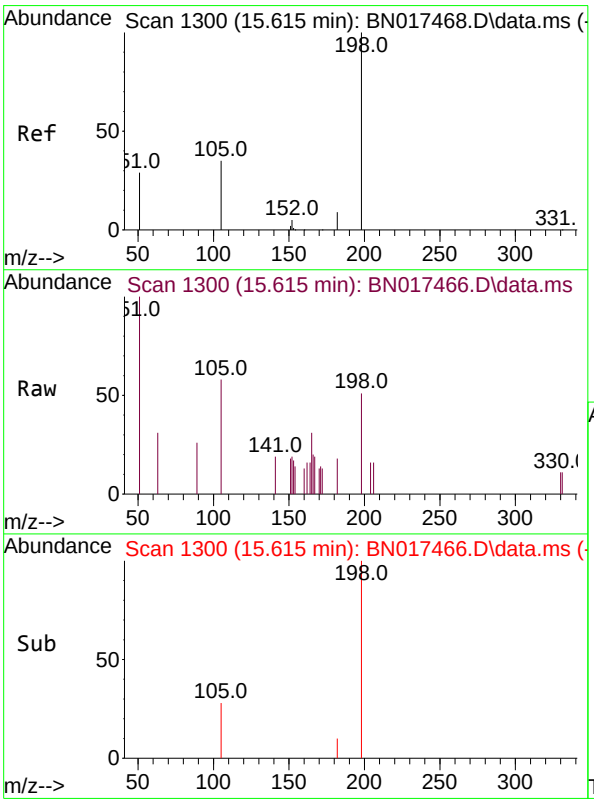
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.238 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:188 Resp: 104969

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	6.1	9.1

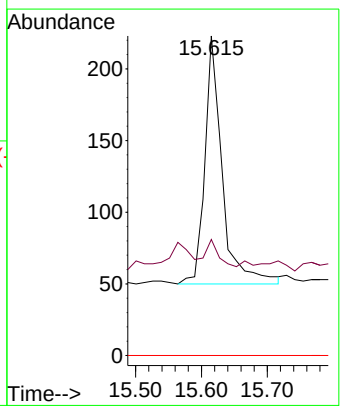


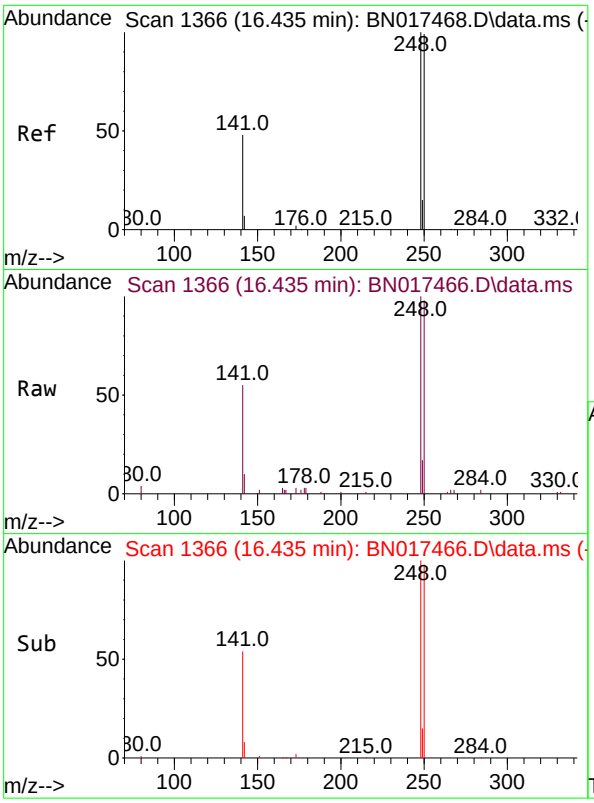


#20
4,6-Dinitro-2-methylphenol
Concen: 0.029 ng
RT: 15.615 min Scan# 1300
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:198 Resp: 317

Ion	Ratio	Lower	Upper
198	100		
182	36.3	11.4	17.2#
77	0.0	0.0	0.0



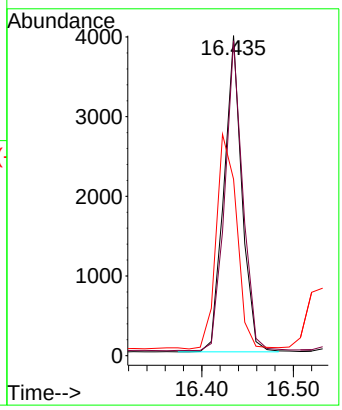


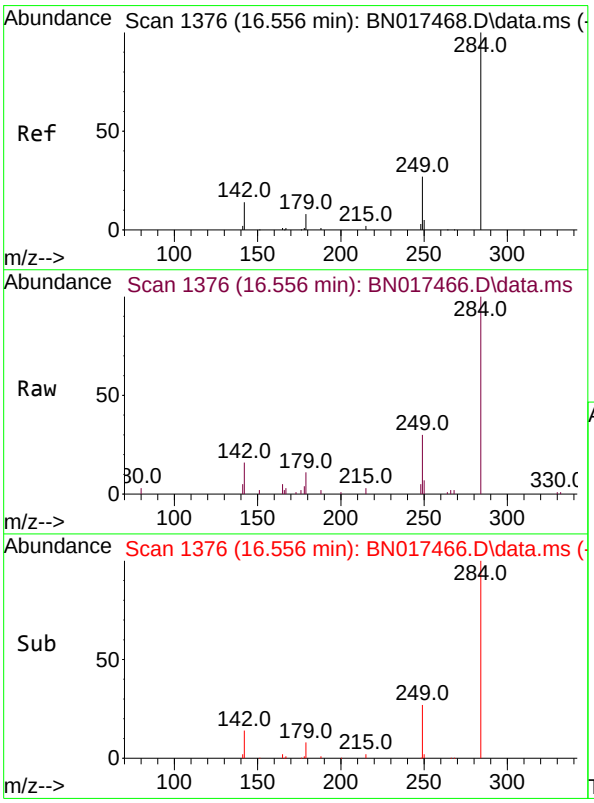
#21
4-Bromophenyl-phenylether
Concen: 0.092 ng
RT: 16.435 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:248 Resp: 5426

Ion	Ratio	Lower	Upper
248	100		
250	98.4	71.8	107.8
141	55.1	70.9	106.3#

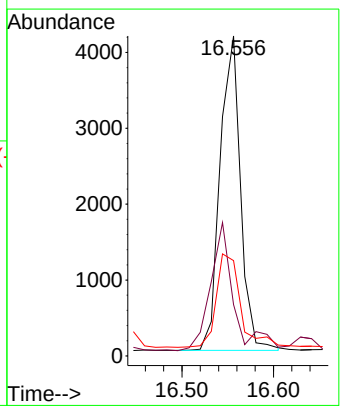


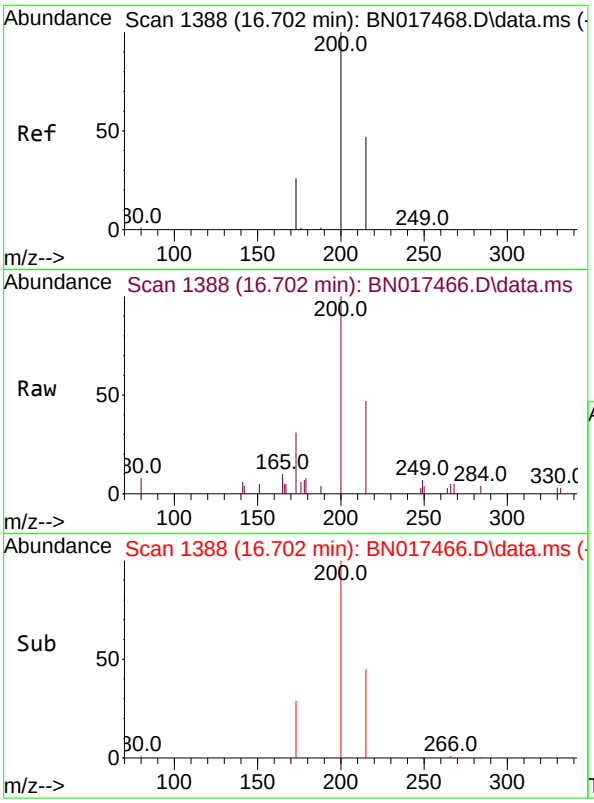


#22
Hexachlorobenzene
Concen: 0.098 ng
RT: 16.556 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:284 Resp: 6434

Ion	Ratio	Lower	Upper
284	100		
142	46.2	28.2	42.2#
249	35.1	24.4	36.6



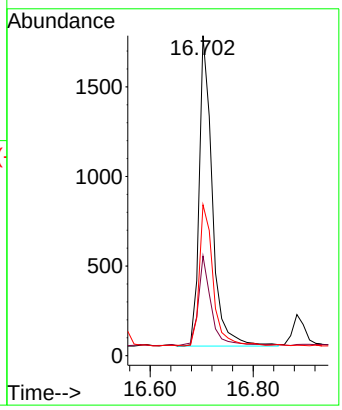


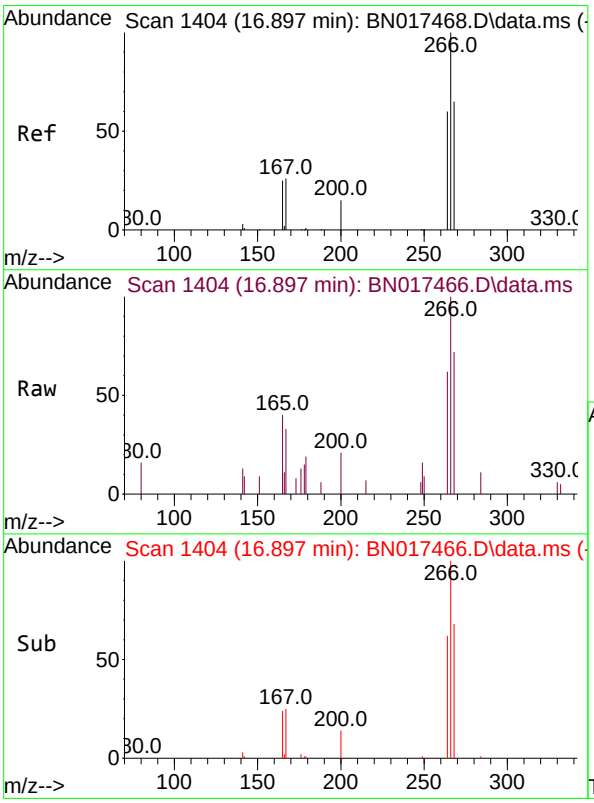
#23
Atrazine
Concen: 0.077 ng
RT: 16.702 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:200 Resp: 3068

Ion	Ratio	Lower	Upper
200	100		
173	31.1	17.6	26.4#
215	47.1	40.2	60.4

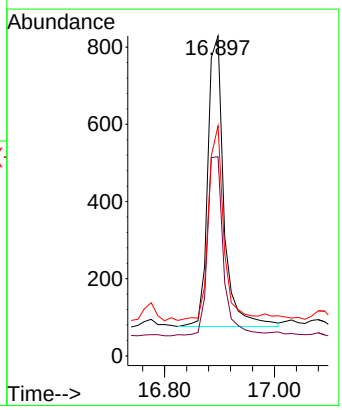


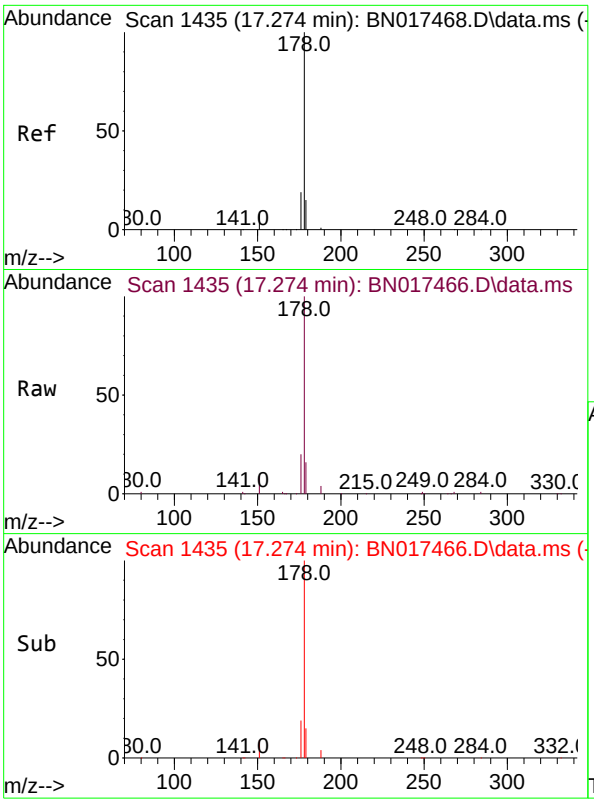


#24
Pentachlorophenol
Concen: 0.066 ng
RT: 16.897 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:266 Resp: 1529

Ion	Ratio	Lower	Upper
266	100		
264	60.4	49.8	74.8
268	63.1	51.3	76.9



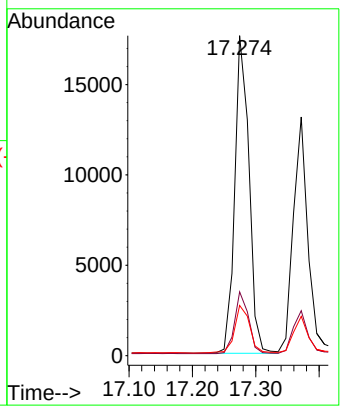


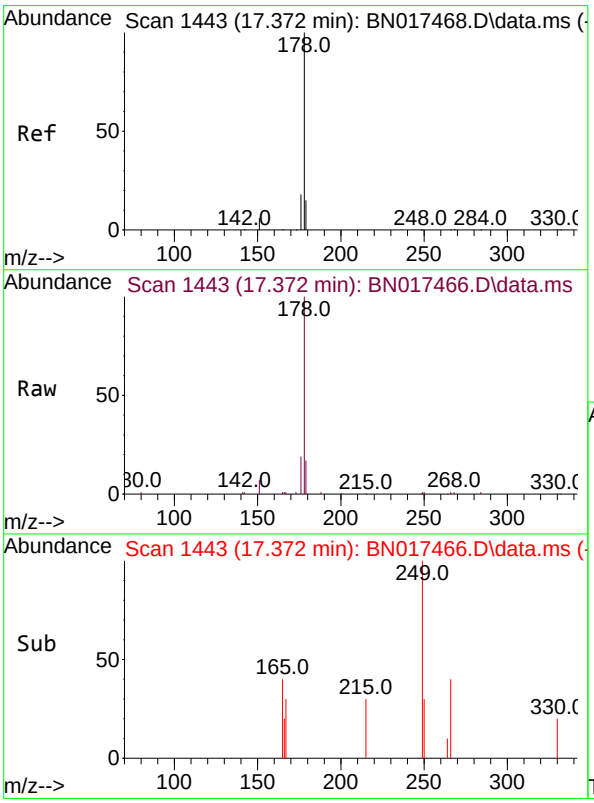
#25
Phenanthrene
Concen: 0.092 ng
RT: 17.274 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:178 Resp: 27557

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.6
179	15.8	12.3	18.5

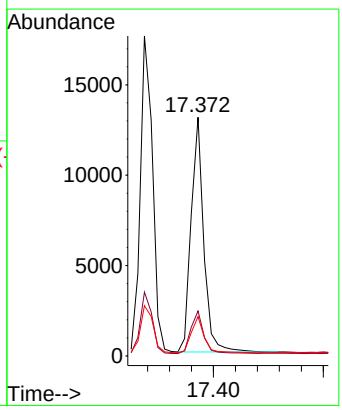


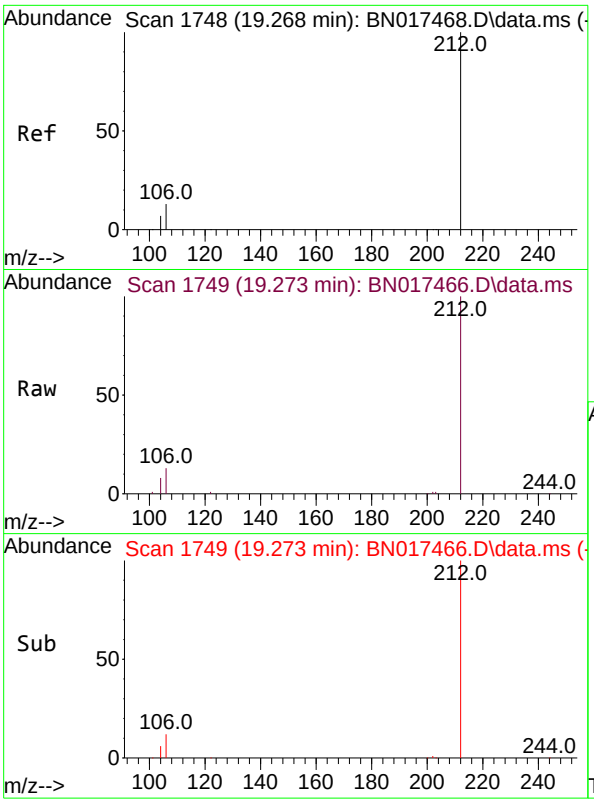


#26
Anthracene
Concen: 0.083 ng
RT: 17.372 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:178 Resp: 20797

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	15.2	12.2	18.4



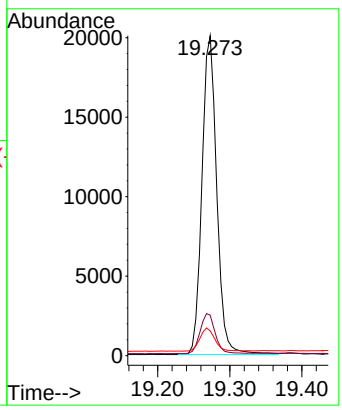


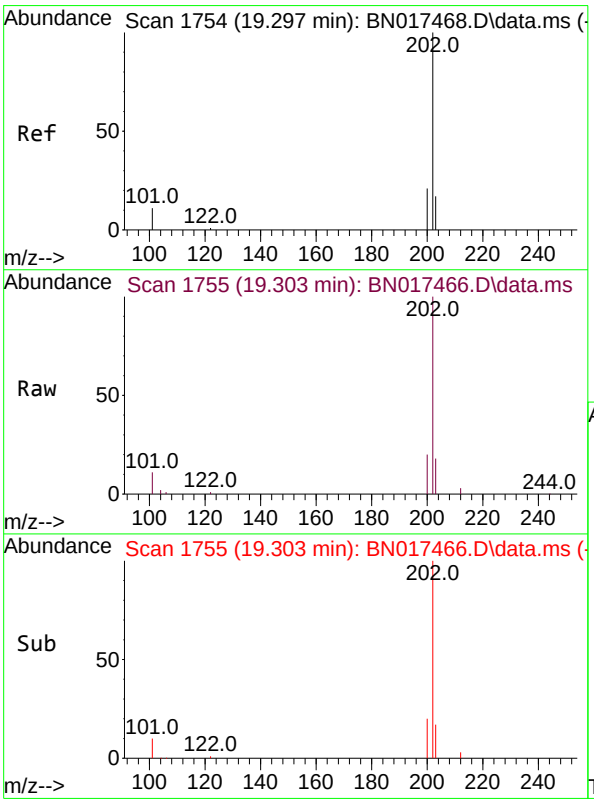
#27
Fluoranthene-d10
Concen: 0.107 ng
RT: 19.273 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:212 Resp: 28652

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.5	15.7
104	7.4	5.8	8.6

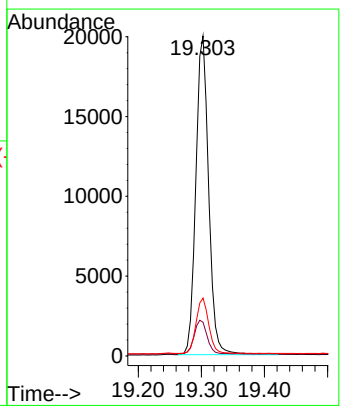


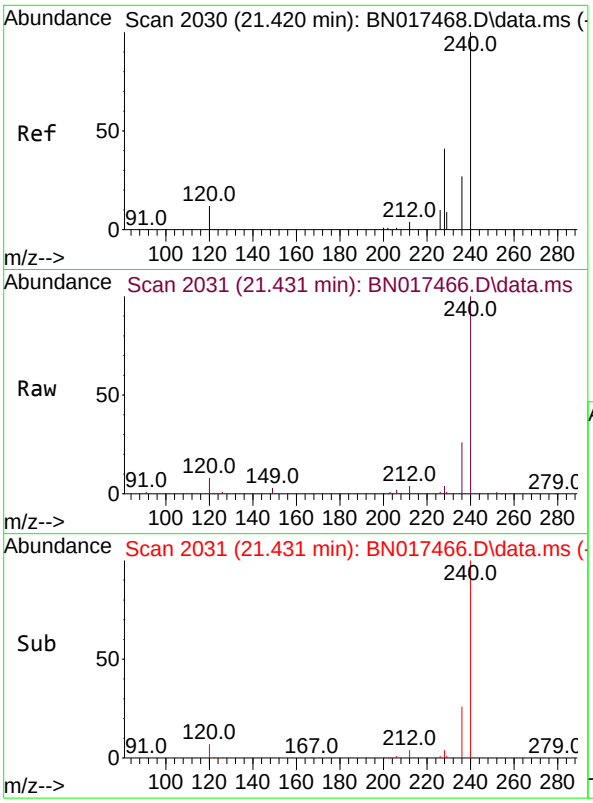


#28
Fluoranthene
Concen: 0.087 ng
RT: 19.303 min Scan# 1755
Delta R.T. 0.005 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:202 Resp: 28181

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.9	13.3
203	17.1	13.8	20.6



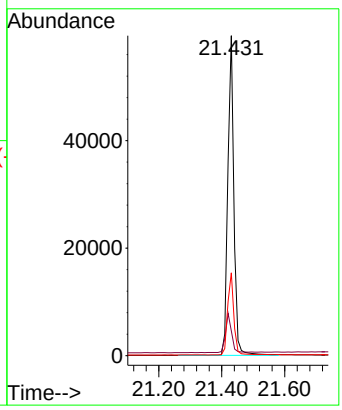


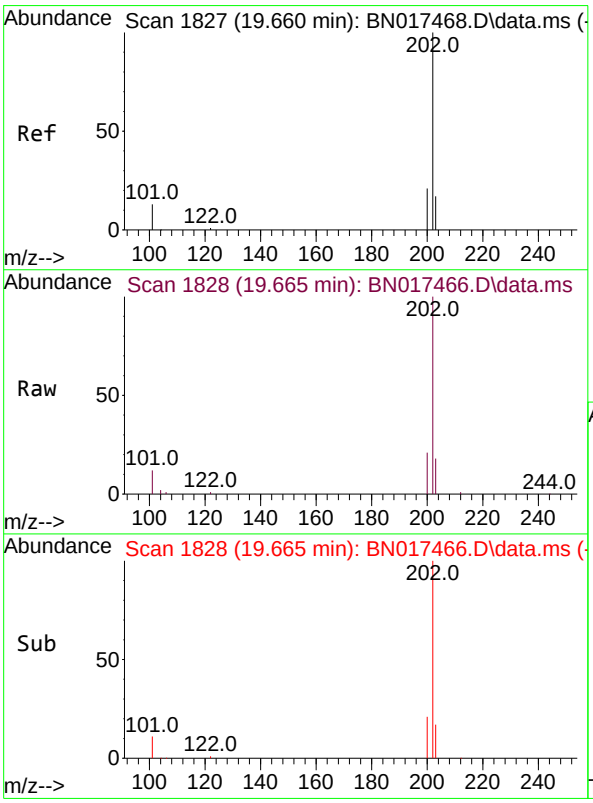
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.431 min Scan# 2(
Delta R.T. 0.011 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:240 Resp: 80400

Ion	Ratio	Lower	Upper
240	100		
120	7.8	4.2	6.2#
236	25.9	20.0	30.0

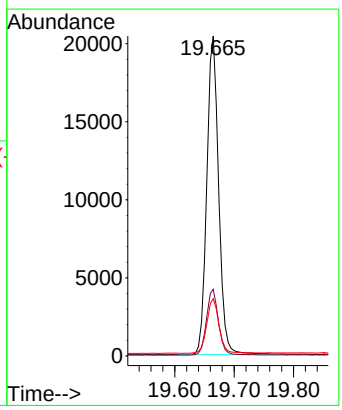


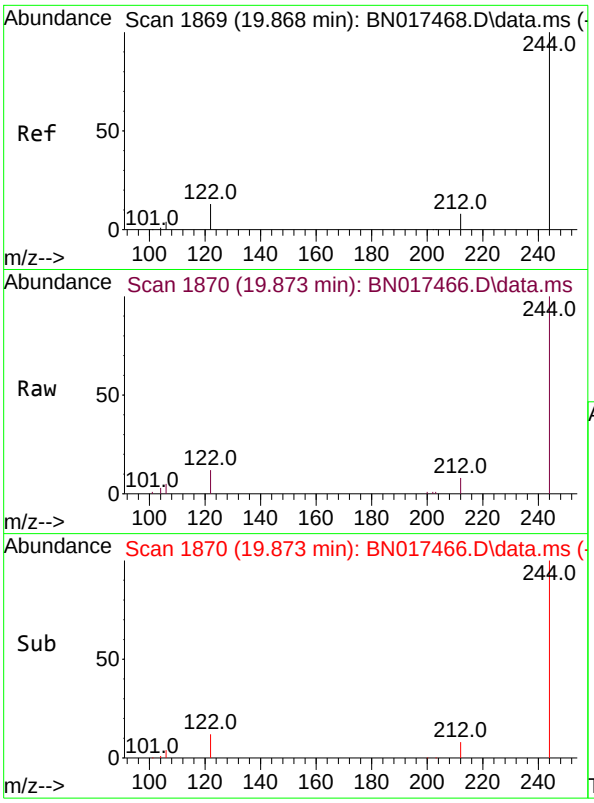


#30
Pyrene
Concen: 0.109 ng
RT: 19.665 min Scan# 1828
Delta R.T. 0.005 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:202 Resp: 28395

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.5	24.7
203	17.8	14.0	21.0



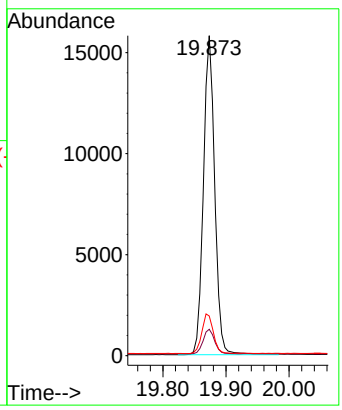


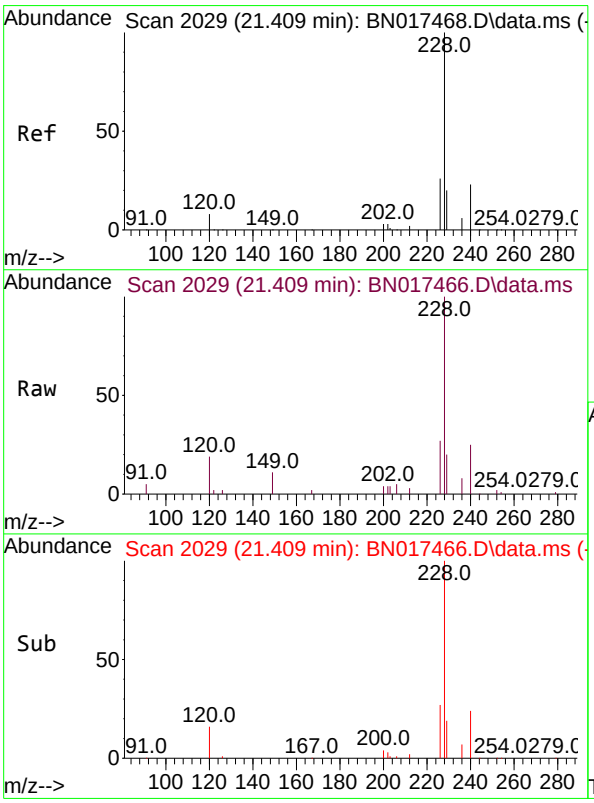
#31
Terphenyl-d14
Concen: 0.109 ng
RT: 19.873 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:244 Resp: 19598

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.7	8.5
122	12.4	8.6	13.0

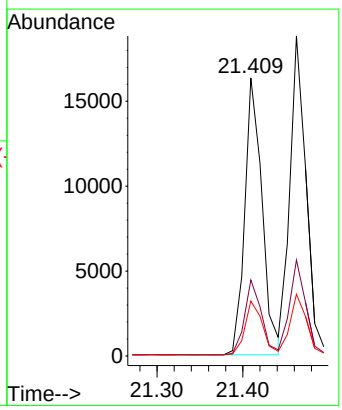


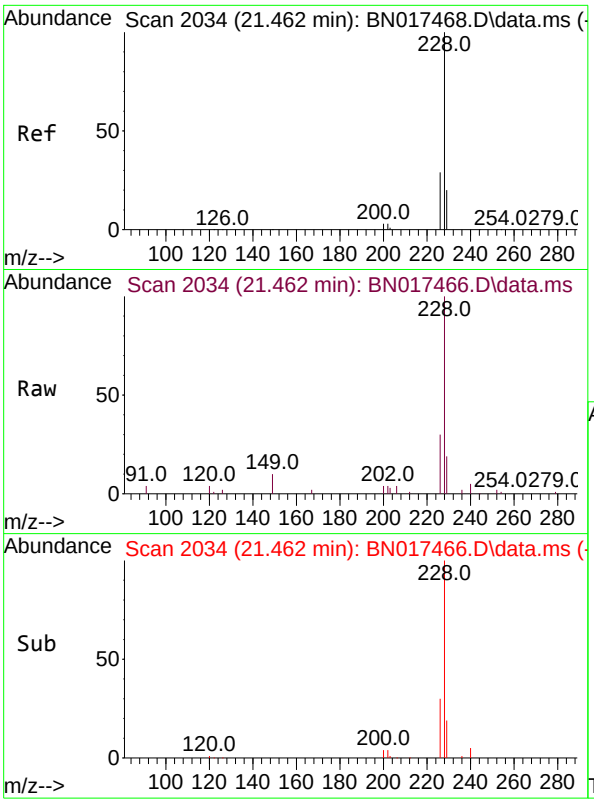


#32
Benzo(a)anthracene
Concen: 0.094 ng
RT: 21.409 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:228 Resp: 22871

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.3	31.9
229	19.8	15.7	23.5



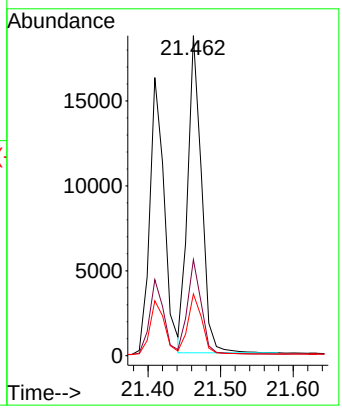


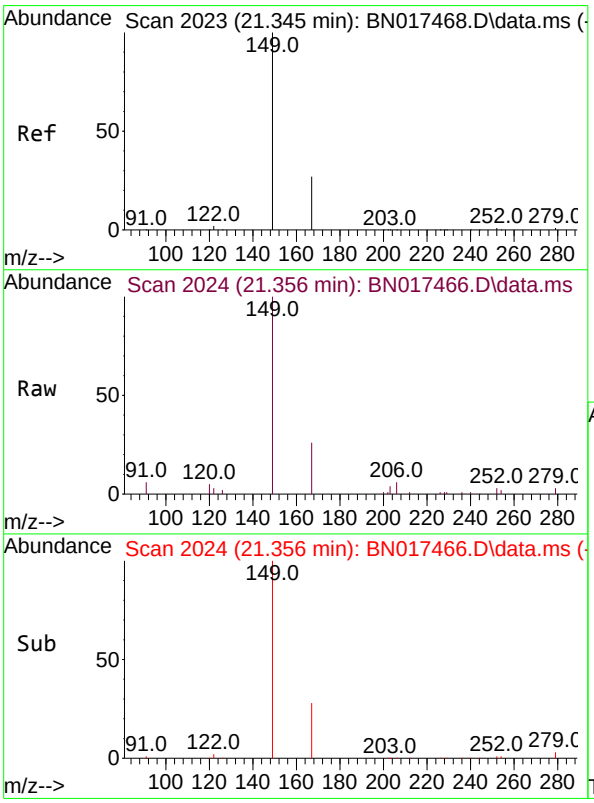
#33
Chrysene
Concen: 0.095 ng
RT: 21.462 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:228 Resp: 24585

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.3	34.9
229	19.3	15.6	23.4

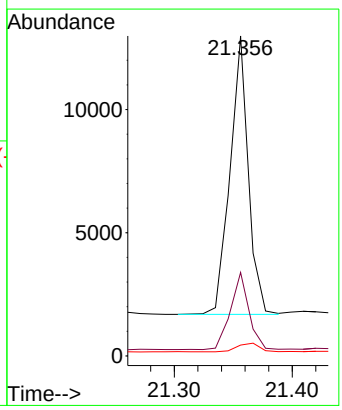


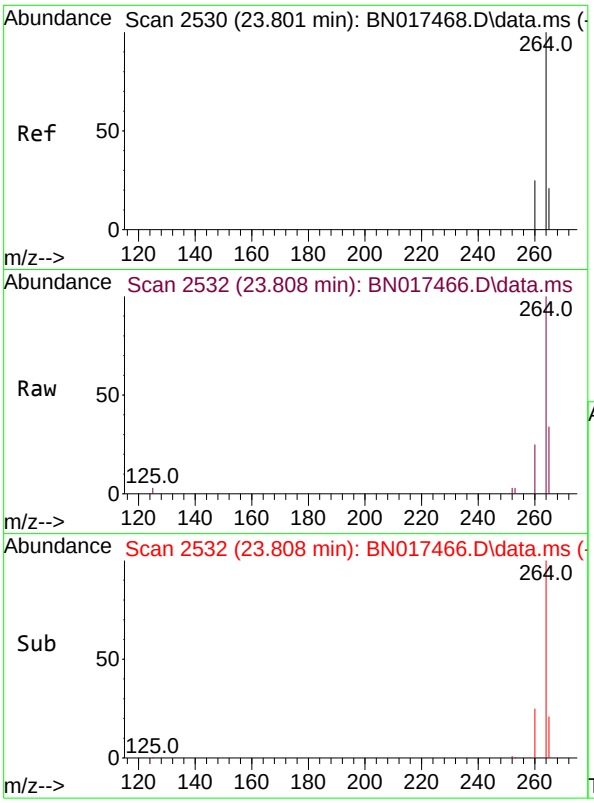


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.141 ng
RT: 21.356 min Scan# 2024
Delta R.T. 0.011 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:149 Resp: 12152

Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.6
279	3.9	3.4	5.0



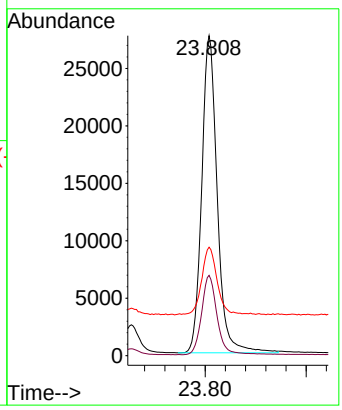


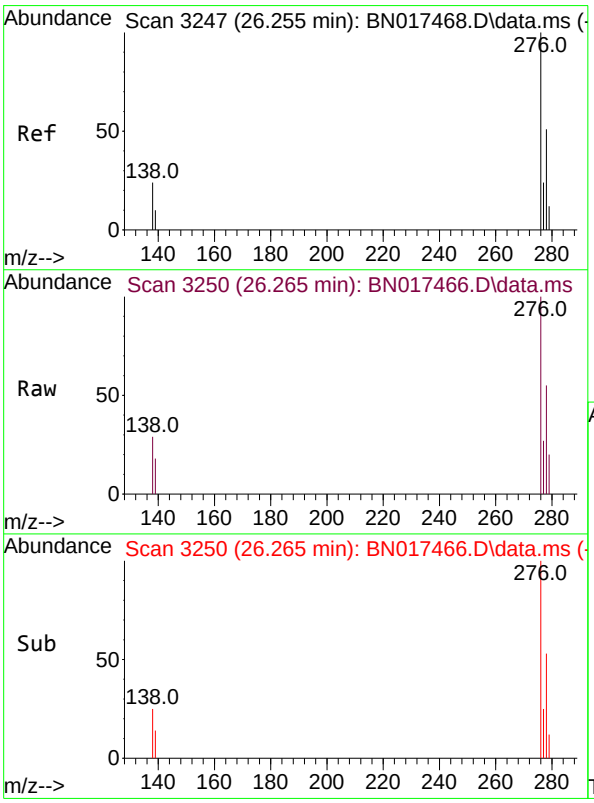
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.808 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:264 Resp: 58907

Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.4	29.2
265	33.9	18.6	28.0#

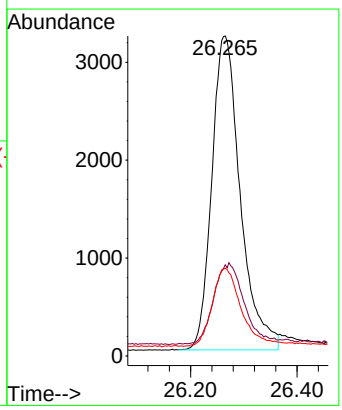


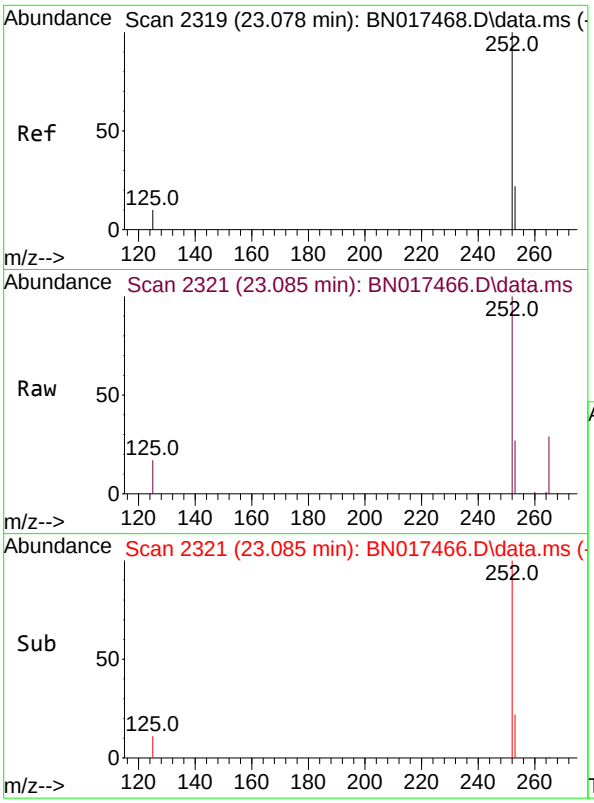


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng
RT: 26.265 min Scan# 3250
Delta R.T. 0.010 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:276 Resp: 11918

Ion	Ratio	Lower	Upper
276	100		
138	27.5	19.7	29.5
277	25.2	20.0	30.0



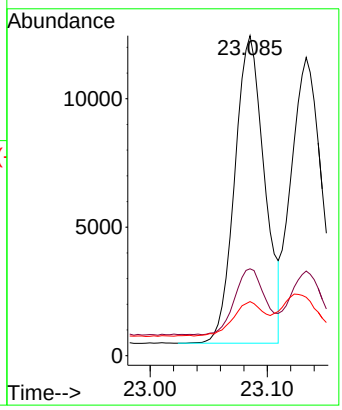


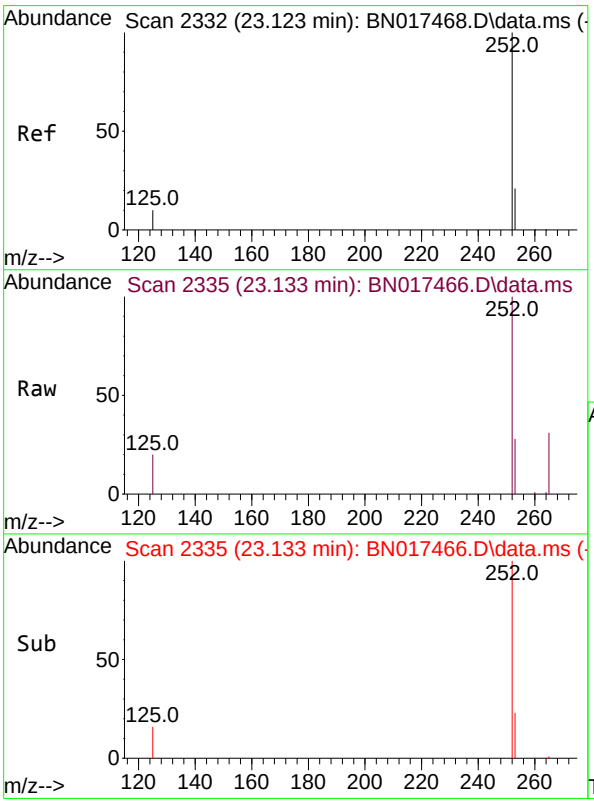
#37
Benzo(b)fluoranthene
Concen: 0.109 ng
RT: 23.085 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 21079

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.7	26.5#
125	16.9	7.8	11.8#

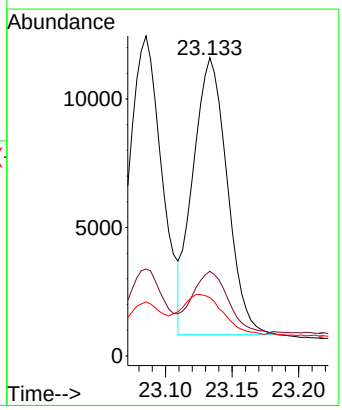


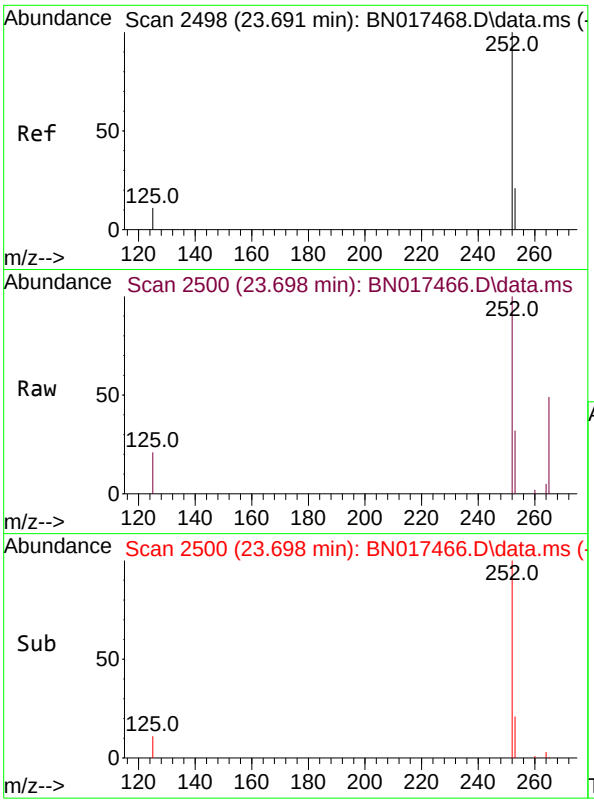


#38
Benzo(k)fluoranthene
Concen: 0.100 ng
RT: 23.133 min Scan# 2335
Delta R.T. 0.010 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:252 Resp: 19260

Ion	Ratio	Lower	Upper
252	100		
253	28.4	17.7	26.5#
125	19.6	8.2	12.2#



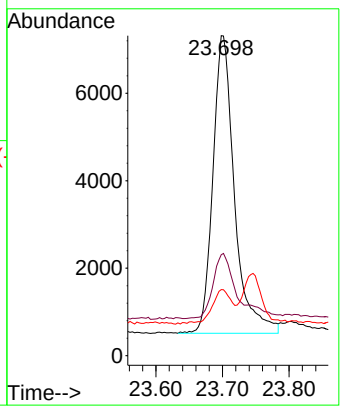


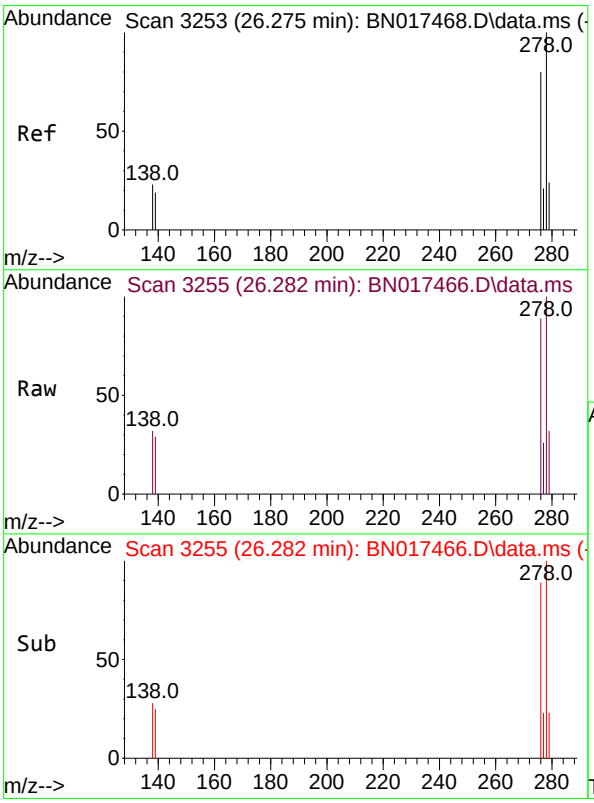
#39
Benzo(a)pyrene
Concen: 0.090 ng
RT: 23.698 min Scan# 2
Delta R.T. 0.007 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:252 Resp: 15332

Ion	Ratio	Lower	Upper
252	100		
253	31.5	17.9	26.9#
125	20.6	9.2	13.8#

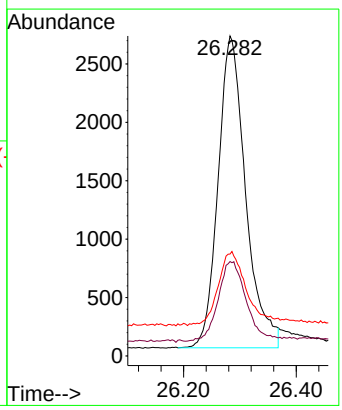


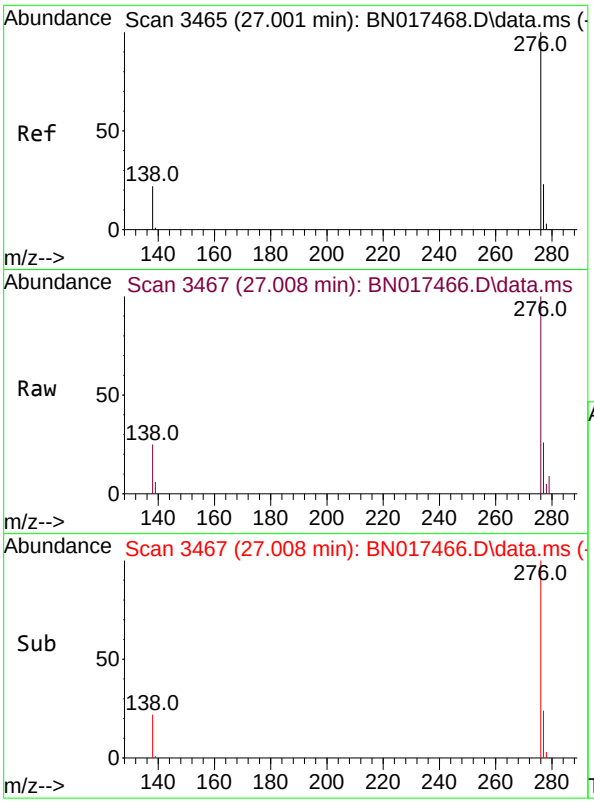


#40
Dibenzo(a,h)anthracene
Concen: 0.055 ng
RT: 26.282 min Scan# 3255
Delta R.T. 0.007 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Tgt Ion:278 Resp: 9055

Ion	Ratio	Lower	Upper
278	100		
139	29.5	13.0	19.6#
279	31.9	19.2	28.8#





#41
Benzo(g,h,i)perylene
Concen: 0.065 ng
RT: 27.008 min Scan# 3
Delta R.T. 0.007 min
Lab File: BN017466.D
Acq: 16 Nov 2021 08:54

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Tgt Ion:276 Resp: 11580

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.0	28.4
138	25.4	17.1	25.7