Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018254.D
Acq On : 29 Dec 2021 10:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 29 13:03:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28599	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	114572	0.400	ng		0.00
13) Acenaphthene-d10	14.269	164	63958	0.400	ng		0.00
19) Phenanthrene-d10	17.005	188	120564	0.400	ng	#	0.00
29) Chrysene-d12	21.196	240	89047	0.400	ng	#	0.00
35) Perylene-d12	23.423	264	73181	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.236	112	21950	0.352	ng		0.00
5) Phenol-d6	6.822	99	20578	0.308	ng		0.00
8) Nitrobenzene-d5	0.000	82	0d	0.000	ng		
11) 2-Methylnaphthalene-d10	12.012	152	74514	0.378	ng		0.00
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
15) 2-Fluorobiphenyl	12.886	172	97403	0.407	ng		-0.01
27) Fluoranthene-d10	19.038	212	140989	0.369	ng		0.00
31) Terphenyl-d14	19.649	244	90250	0.461	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.180	88	7008	0.408	ng	#	58
3) n-Nitrosodimethylamine	3.511	42	9035	0.361	ng		97
6) bis(2-Chloroethyl)ether	7.071	93	26860	0.373	ng		98
9) Naphthalene	10.457	128	110245	0.390	ng		100
10) Hexachlorobutadiene	10.762	225	30568	0.406	ng	#	100
12) 2-Methylnaphthalene	12.083	142	71853	0.385	ng		99
16) Acenaphthylene	13.977	152	80267	0.338	ng		100
17) Acenaphthene	14.319	154	63838	0.385	ng		99
18) Fluorene	15.309	166	75185	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.423	198	619	0.144	ng	#	84
21) 4-Bromophenyl-phenylether	16.202	248	27032	0.366	ng		97
22) Hexachlorobenzene	16.324	284	35945	0.411	ng		100
23) Atrazine	16.482	200	13221	0.289	ng		98
25) Phenanthrene	17.042	178	121159	0.379	ng		100
26) Anthracene	17.139	178	88964	0.337	ng		100
28) Fluoranthene	19.068	202	142705	0.382	ng		100
30) Pyrene	19.430	202	140027	0.490	ng		100
32) Benzo(a)anthracene	21.174	228	85794	0.332	ng		98
33) Chrysene	21.227	228	111006	0.393	ng		100
34) Bis(2-ethylhexyl)phtha...	21.121	149	38417	0.397	ng		99
36) Indeno(1,2,3-cd)pyrene	25.685	276	64079	0.303	ng		99
37) Benzo(b)fluoranthene	22.752	252	85765	0.379	ng		99
38) Benzo(k)fluoranthene	22.796	252	87125	0.382	ng		98
39) Benzo(a)pyrene	23.324	252	73536	0.361	ng	#	97
40) Dibenzo(a,h)anthracene	25.709	278	42834	0.275	ng		98
41) Benzo(g,h,i)perylene	26.373	276	66938	0.343	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122921\
Data File : BN018254.D
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Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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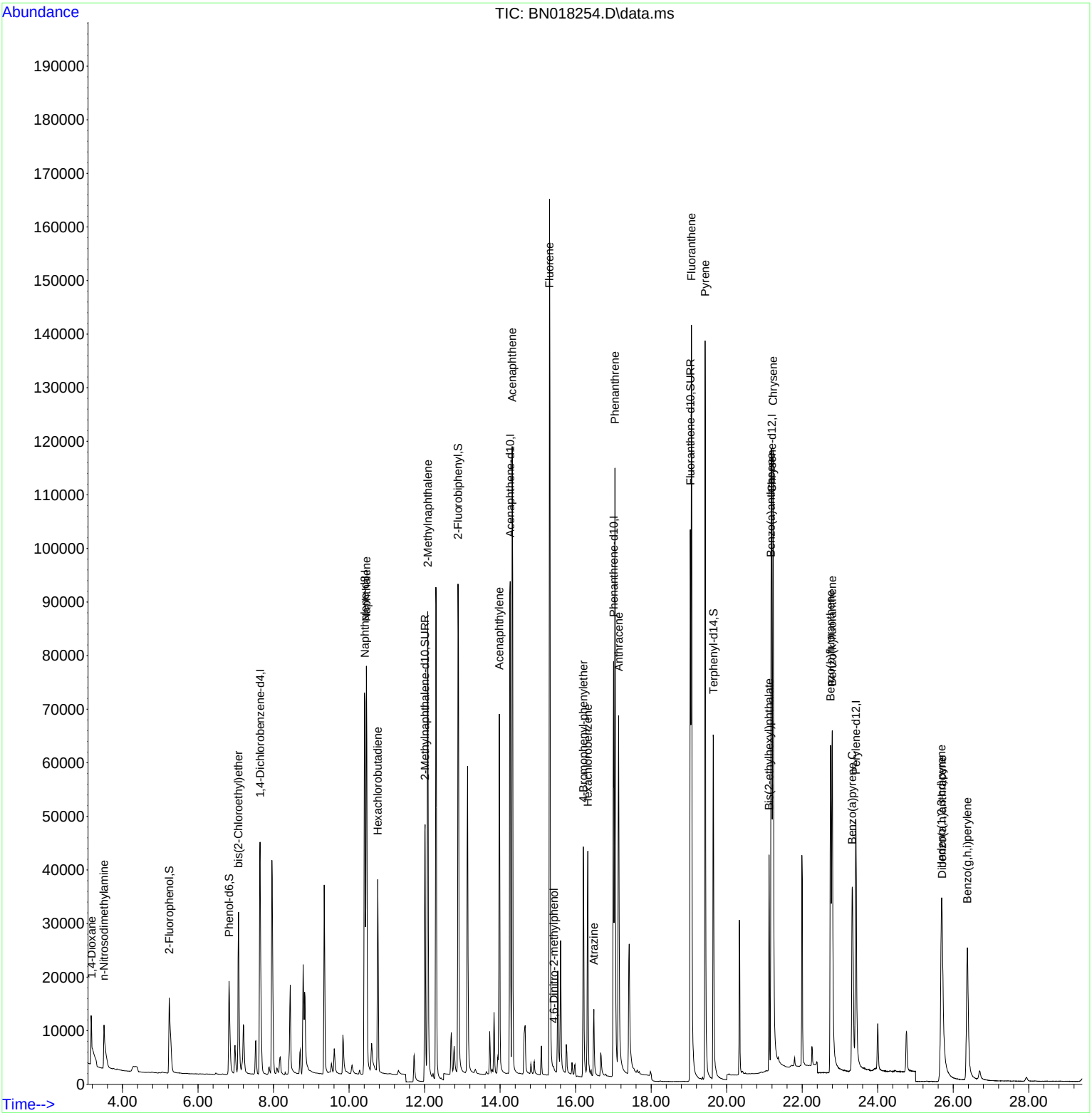
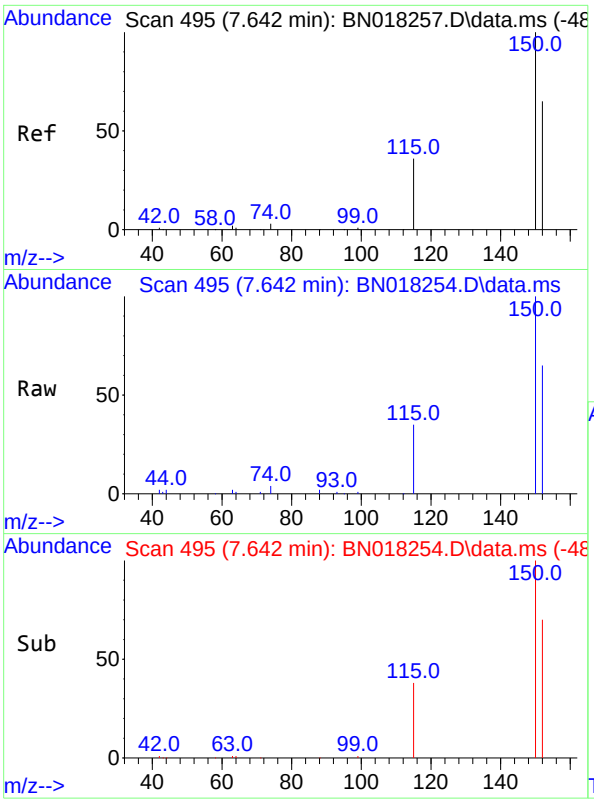
Quant Time: Dec 29 13:03:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 12:39:17 2021
Response via : Initial Calibration



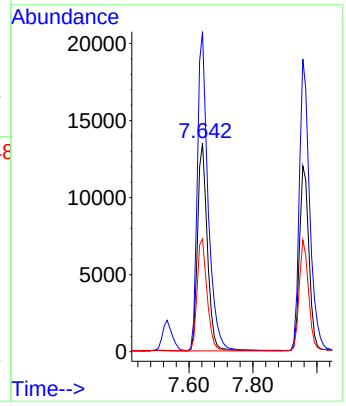


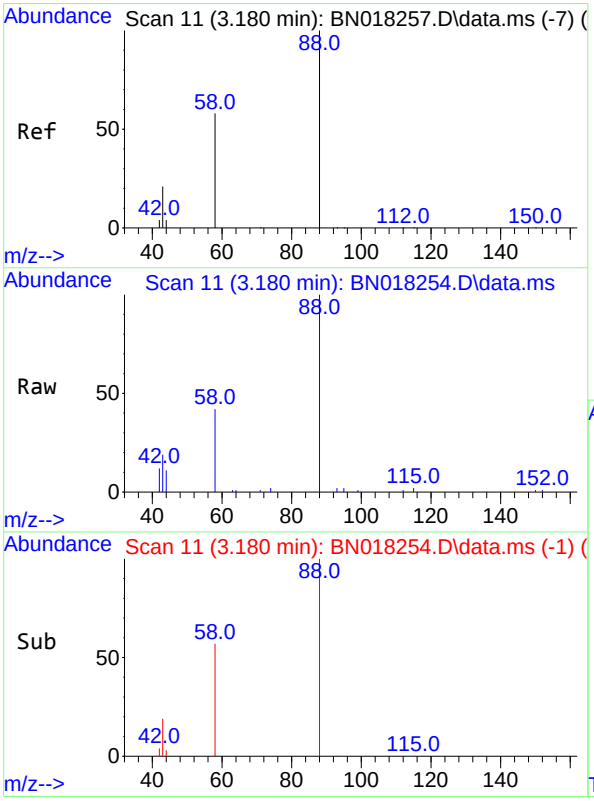
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.642 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 28599

Ion	Ratio	Lower	Upper
152	100		
150	153.4	121.7	182.5
115	54.1	43.8	65.8

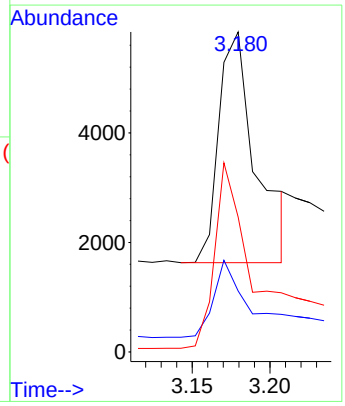


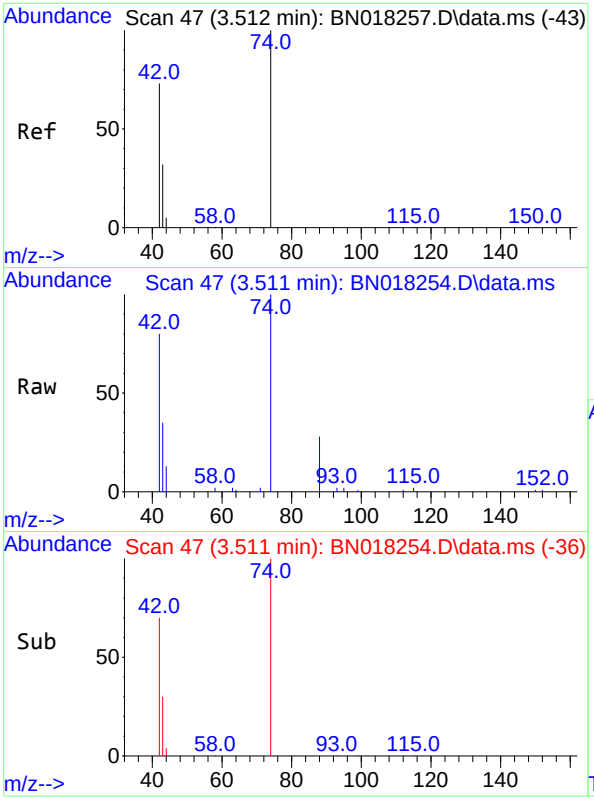


#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion: 88 Resp: 7008

Ion	Ratio	Lower	Upper
88	100		
43	32.0	69.7	104.5#
58	77.2	83.8	125.8#



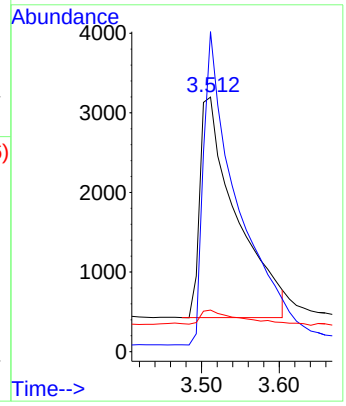


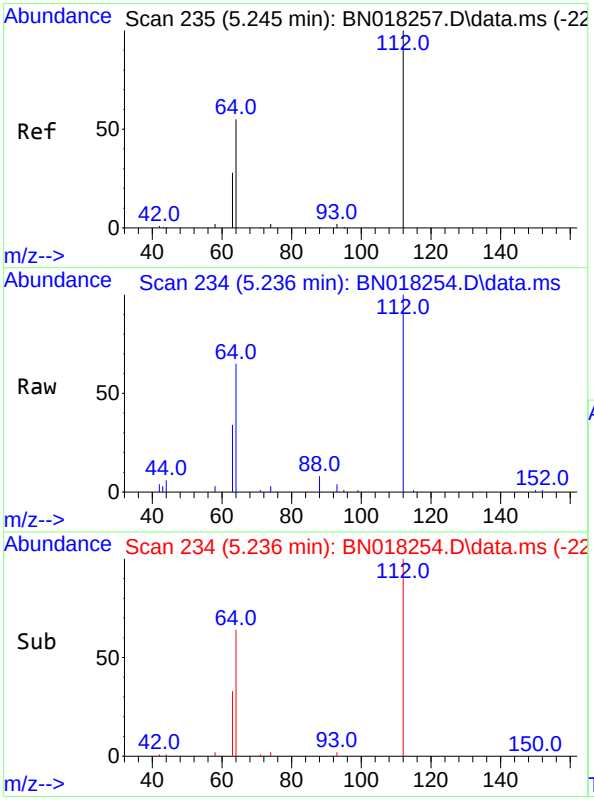
#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.511 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 9035

Ion	Ratio	Lower	Upper
42	100		
74	132.1	108.6	163.0
44	6.3	5.8	8.8

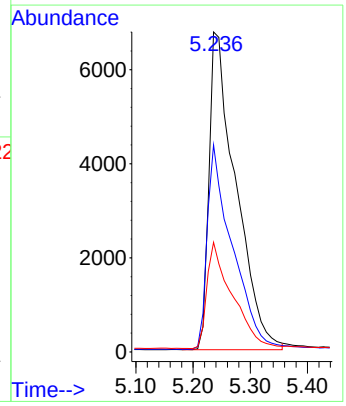


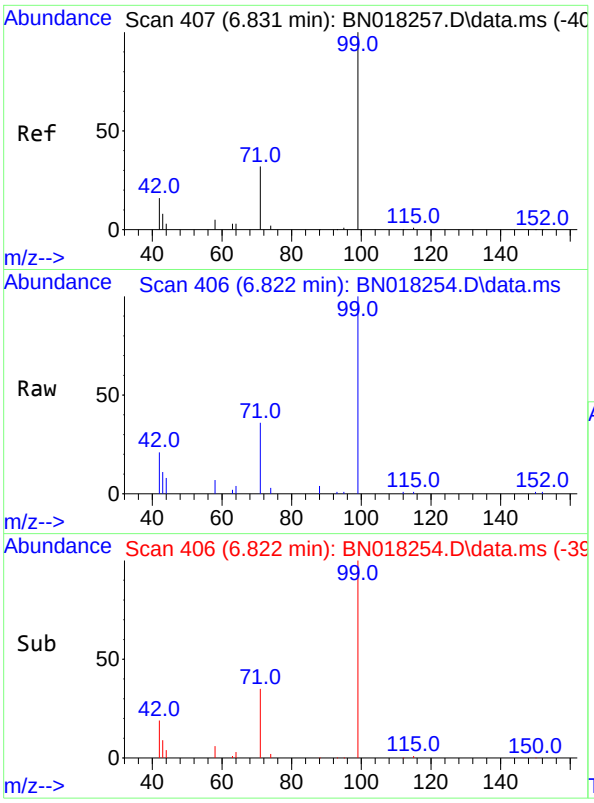


#4
2-Fluorophenol
Concen: 0.352 ng
RT: 5.236 min Scan# 234
Delta R.T. -0.009 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:112 Resp: 21950

Ion	Ratio	Lower	Upper
112	100		
64	60.2	48.0	72.0
63	31.6	25.3	37.9



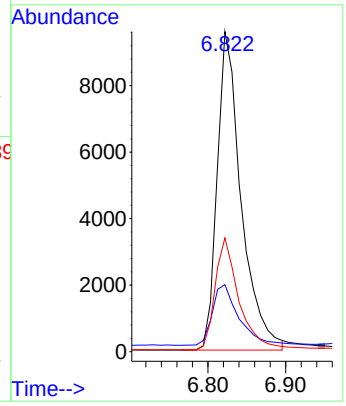


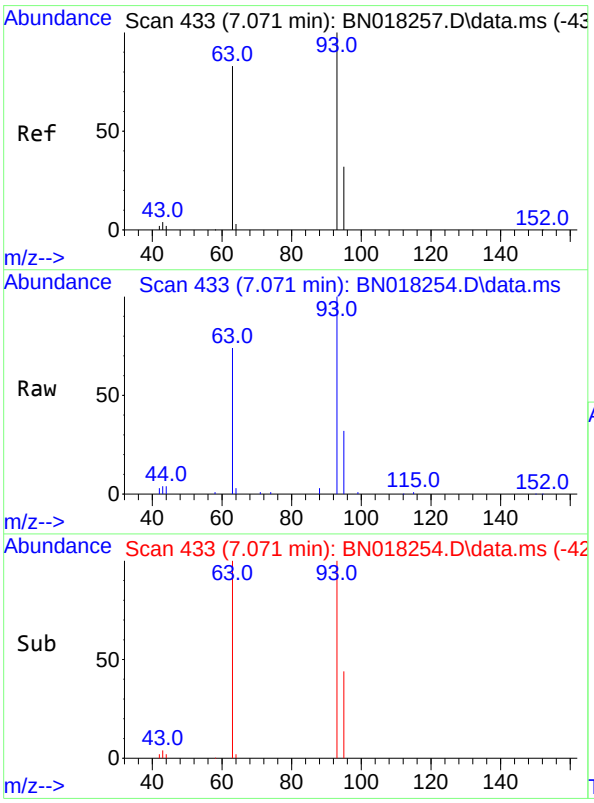
#5
Phenol-d6
Concen: 0.308 ng
RT: 6.822 min Scan# 4(
Delta R.T. -0.009 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 20578

Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.3	24.5
71	34.4	26.8	40.2

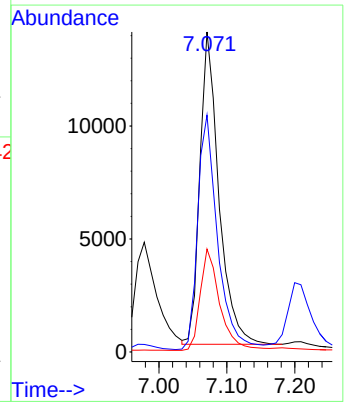


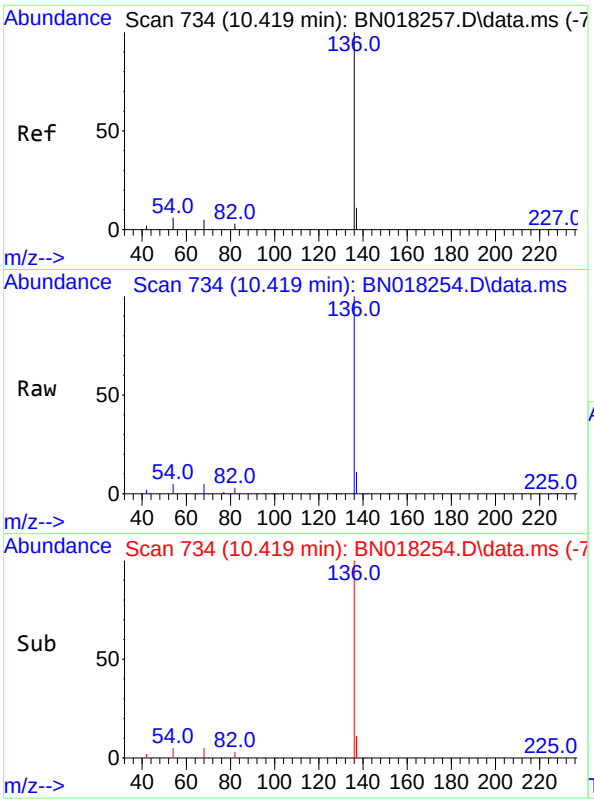


#6
bis(2-Chloroethyl)ether
Concen: 0.373 ng
RT: 7.071 min Scan# 433
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion: 93 Resp: 26860

Ion	Ratio	Lower	Upper
93	100		
63	78.7	61.7	92.5
95	33.6	26.2	39.4



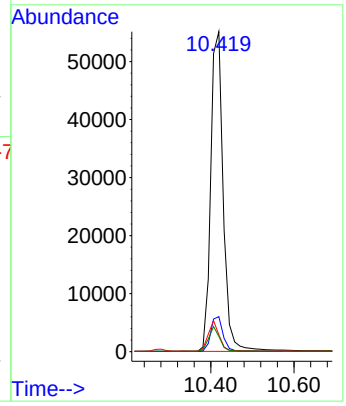


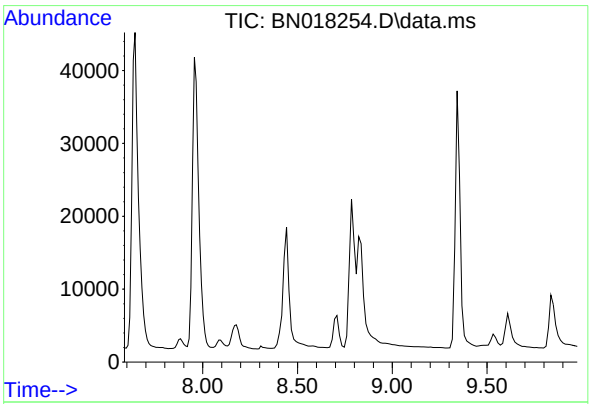
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.419 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 114572

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	5.3	5.0	7.6
68	4.8	4.4	6.6



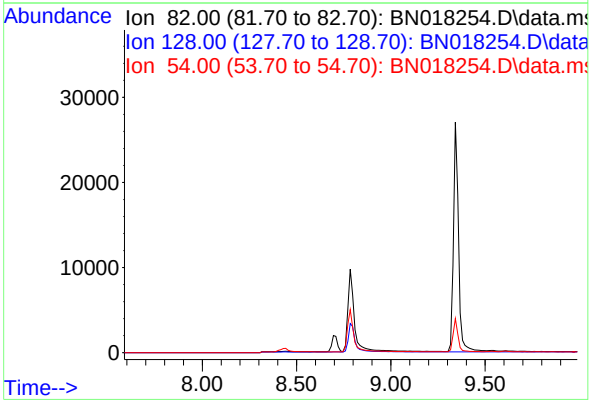


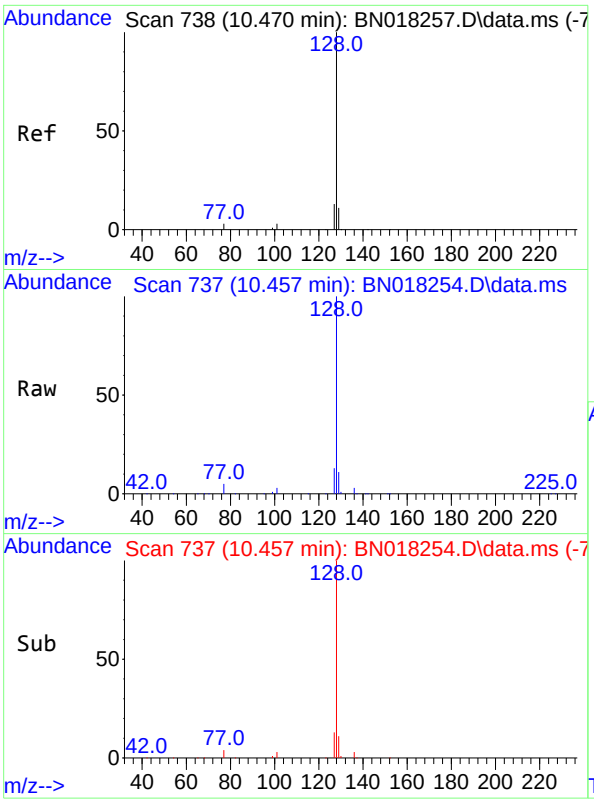
#8
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.78 min

Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion: 82

Sig	Exp Ratio
82	100
128	42.1
54	45.8



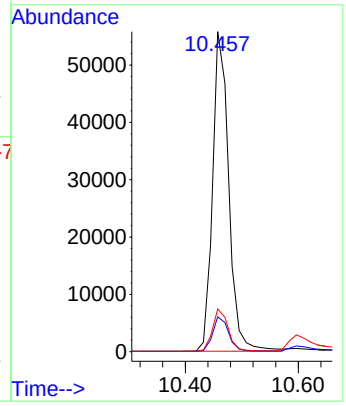


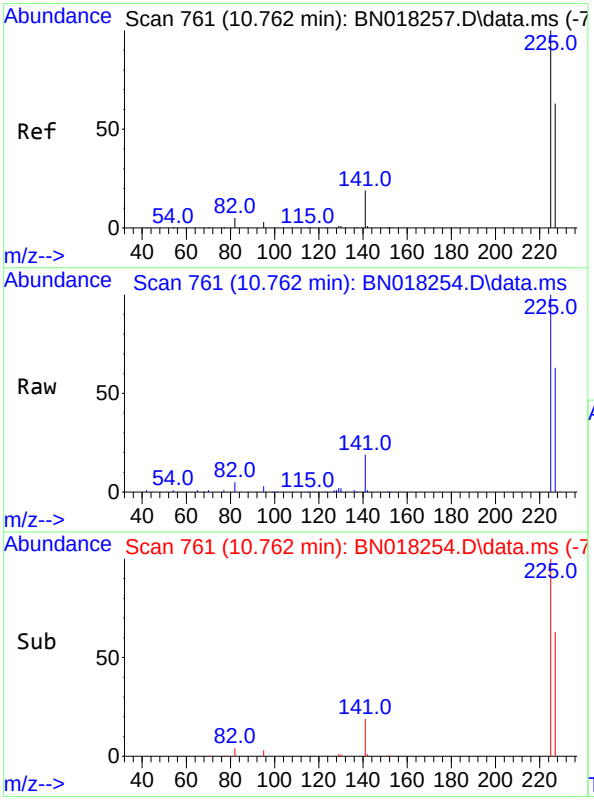
#9
Naphthalene
Concen: 0.390 ng
RT: 10.457 min Scan# 7
Delta R.T. -0.013 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 110245

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.3	10.4	15.6

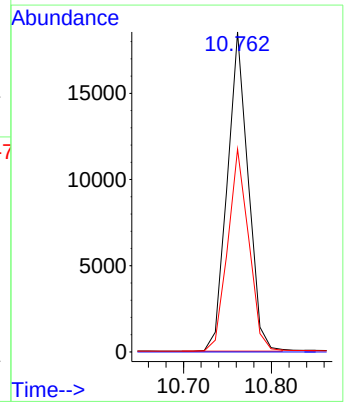


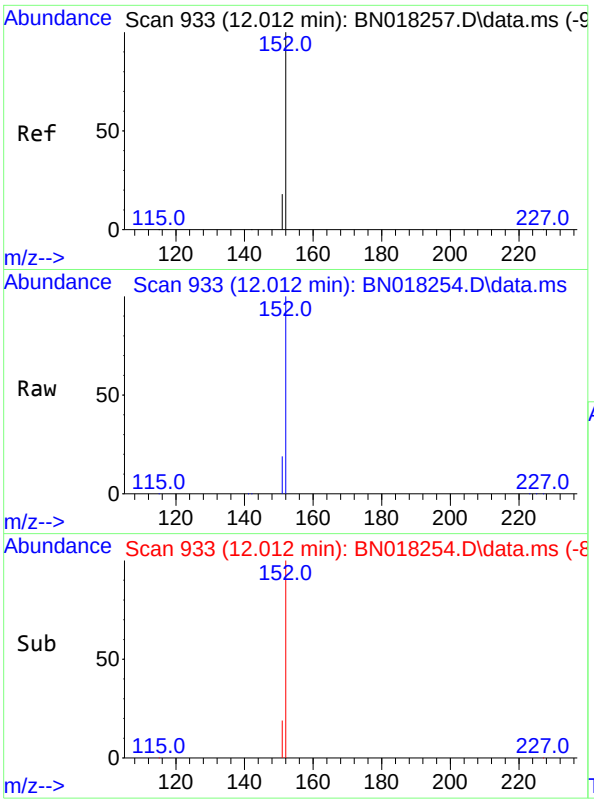


#10
Hexachlorobutadiene
Concen: 0.406 ng
RT: 10.762 min Scan# 761
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:225 Resp: 30568

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	51.0	76.6



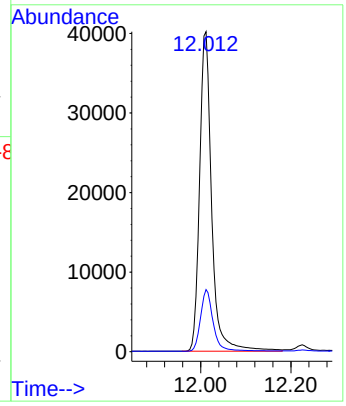


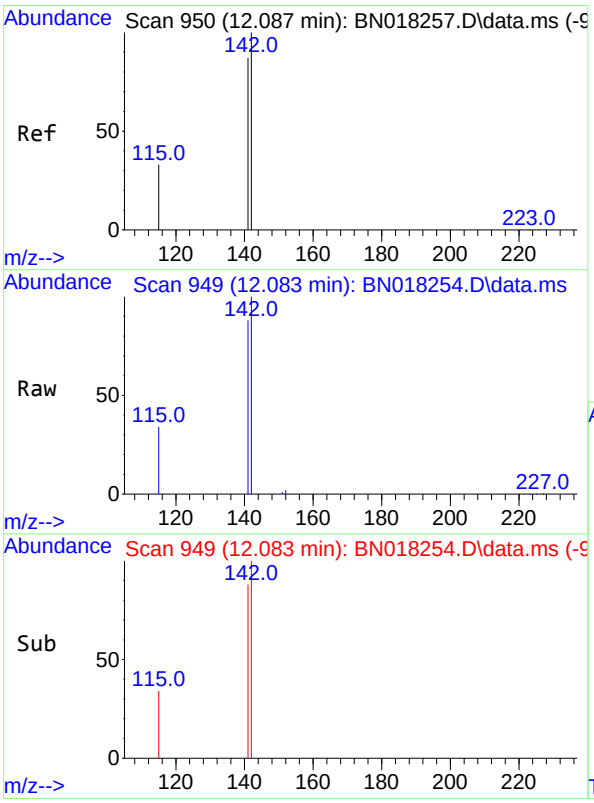
#11
2-Methylnaphthalene-d10
Concen: 0.378 ng
RT: 12.012 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 74514

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2

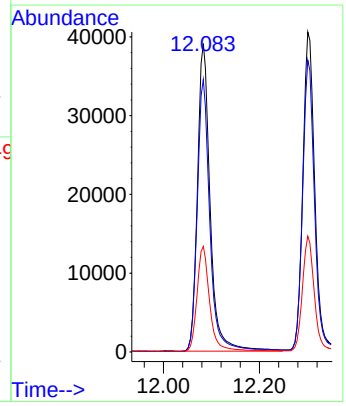


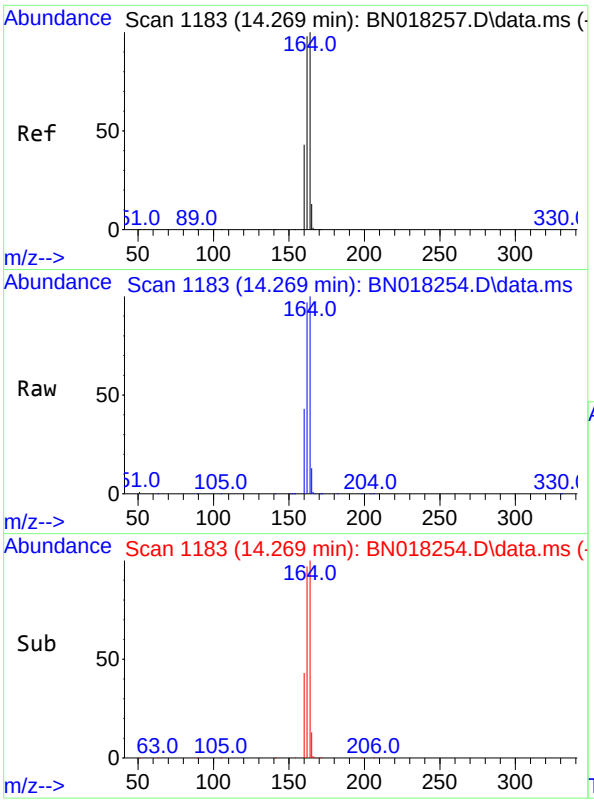


#12
2-Methylnaphthalene
Concen: 0.385 ng
RT: 12.083 min Scan# 949
Delta R.T. -0.004 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:142 Resp: 71853

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.0	105.0
115	34.3	27.8	41.8



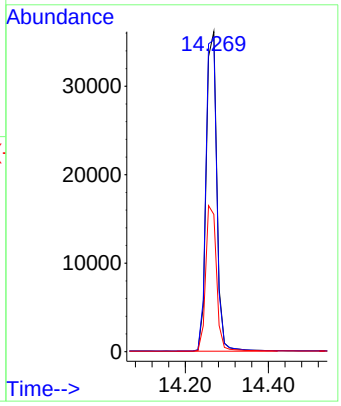


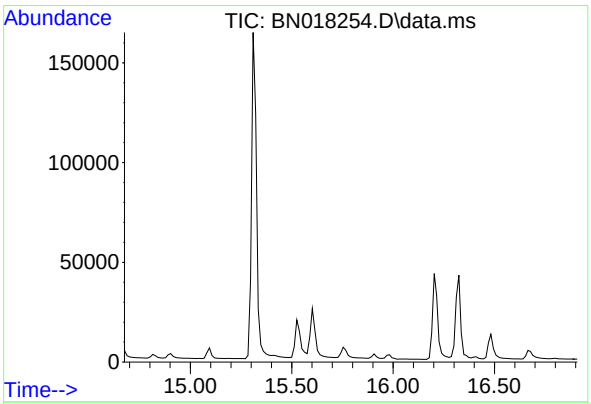
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 63958

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.2	120.2
160	42.9	36.9	55.3



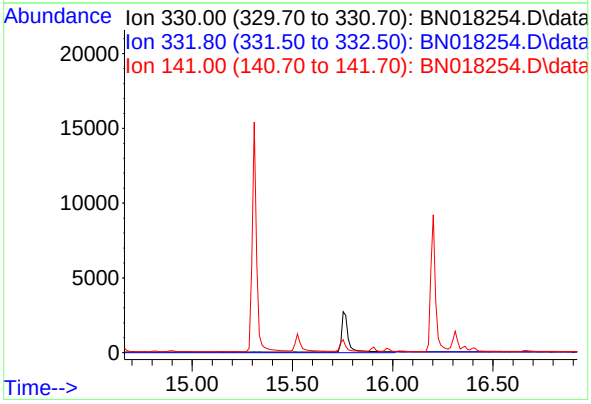


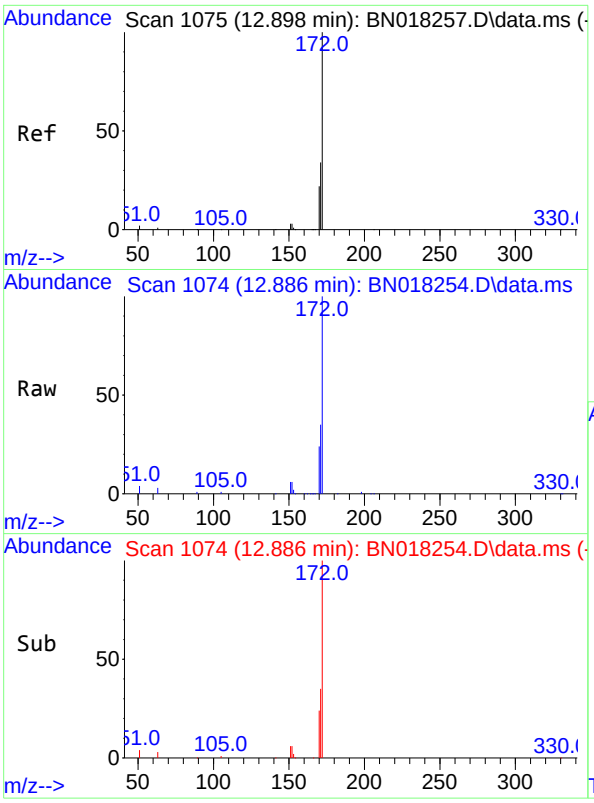
#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.77 min

Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	26.6



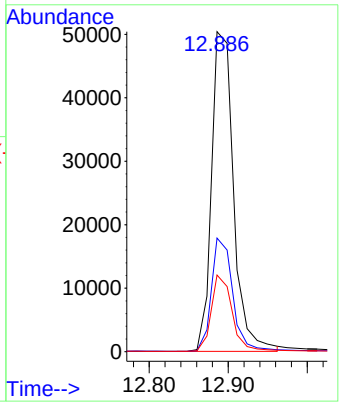


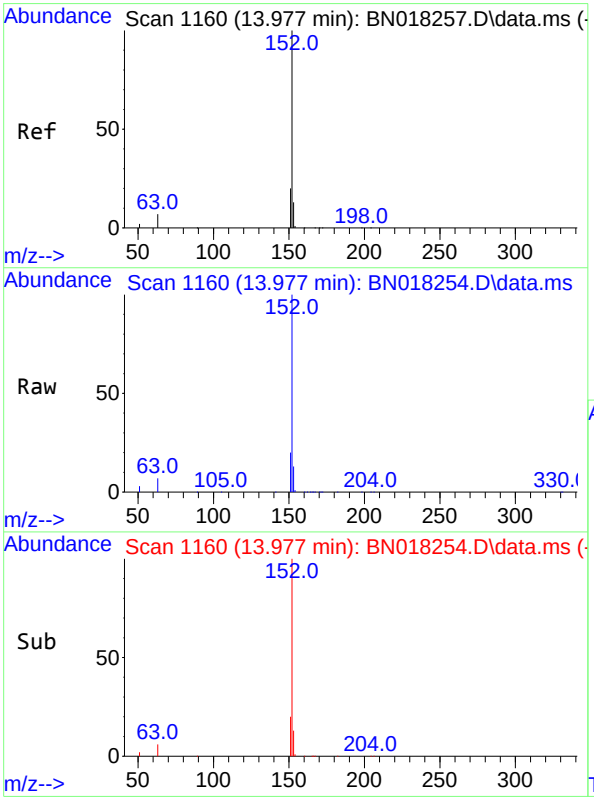
#15
2-Fluorobiphenyl
Concen: 0.407 ng
RT: 12.886 min Scan# 1(
Delta R.T. -0.013 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 97403

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.4	41.0
170	24.0	18.4	27.6

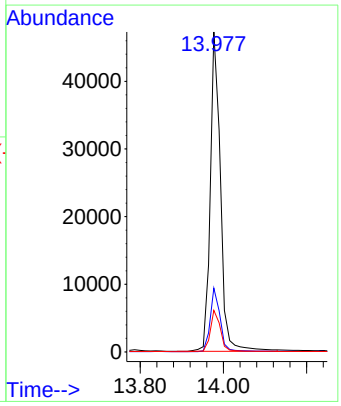


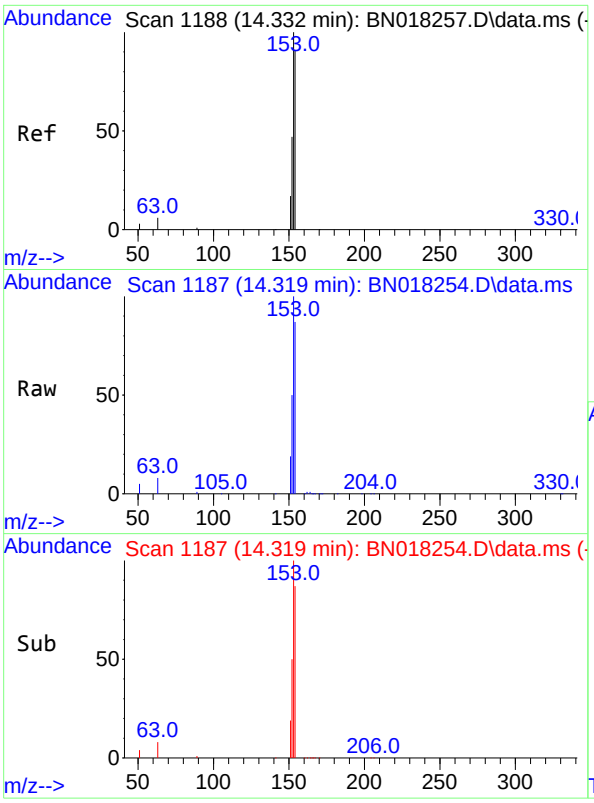


#16
Acenaphthylene
Concen: 0.338 ng
RT: 13.977 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:152 Resp: 80267

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.5	15.7



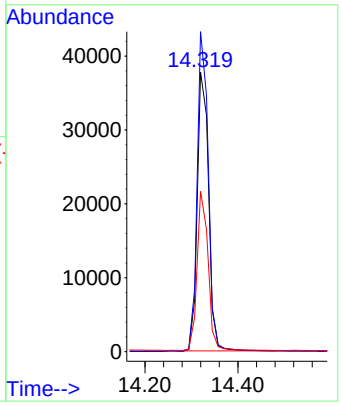


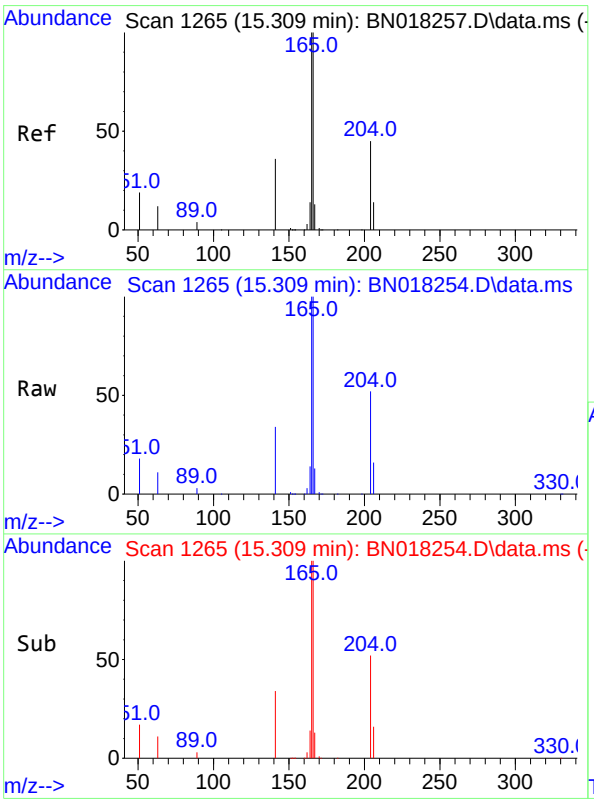
#17
Acenaphthene
Concen: 0.385 ng
RT: 14.319 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 63838

Ion	Ratio	Lower	Upper
154	100		
153	113.0	90.9	136.3
152	55.5	45.0	67.4

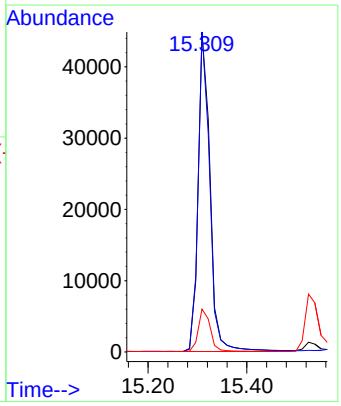


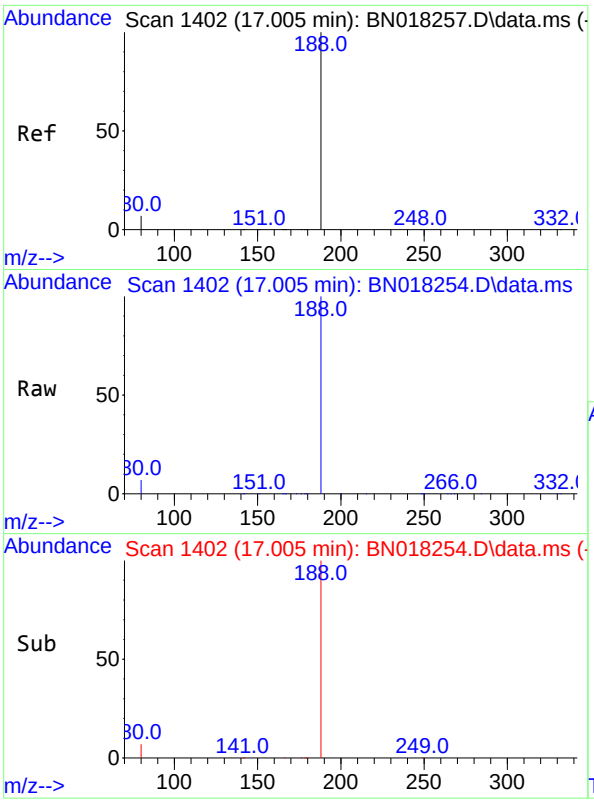


#18
Fluorene
Concen: 0.369 ng
RT: 15.309 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:166 Resp: 75185

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.6	10.9	16.3



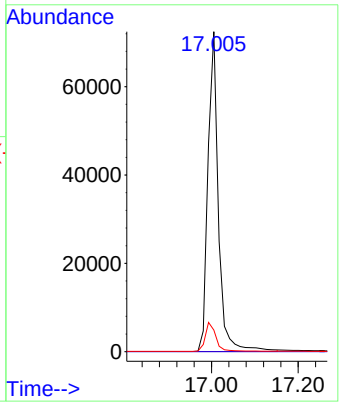


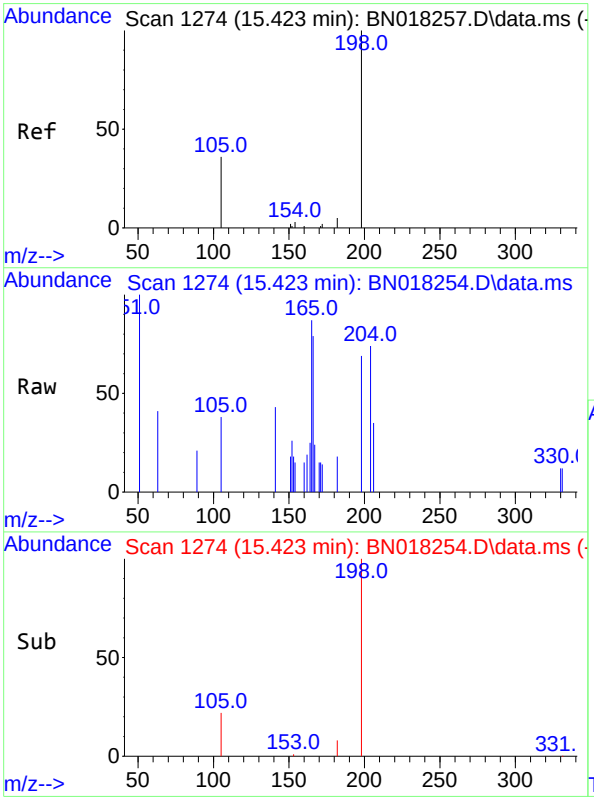
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.005 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 120564

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.7	7.0	10.4#

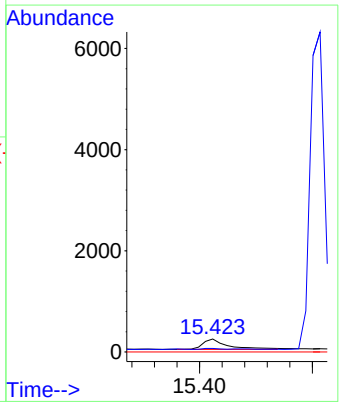


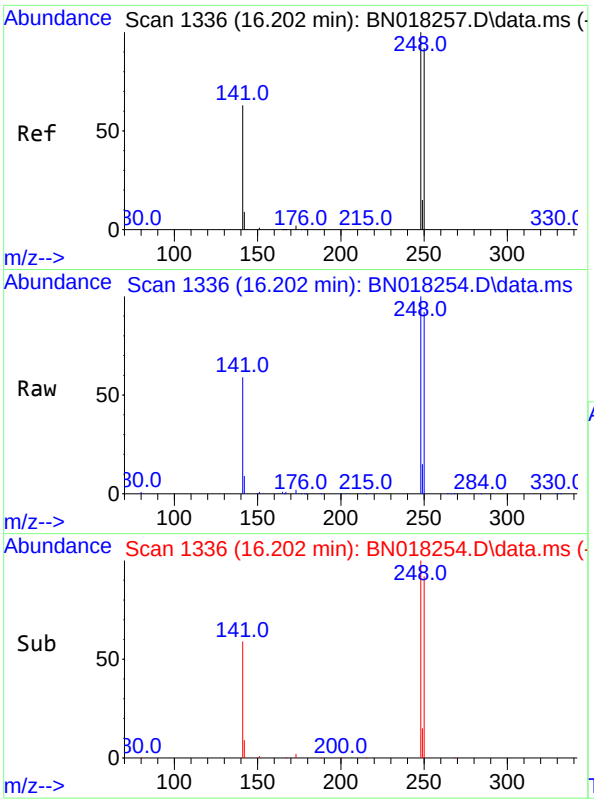


#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 15.423 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:198 Resp: 619

Ion	Ratio	Lower	Upper
198	100		
182	26.6	15.5	23.3#
77	0.0	0.0	0.0



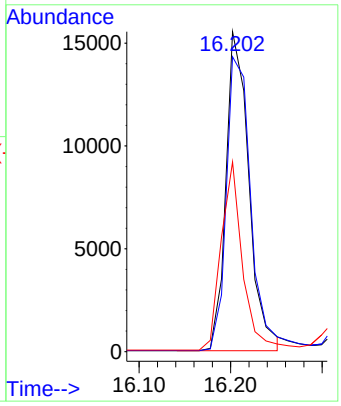


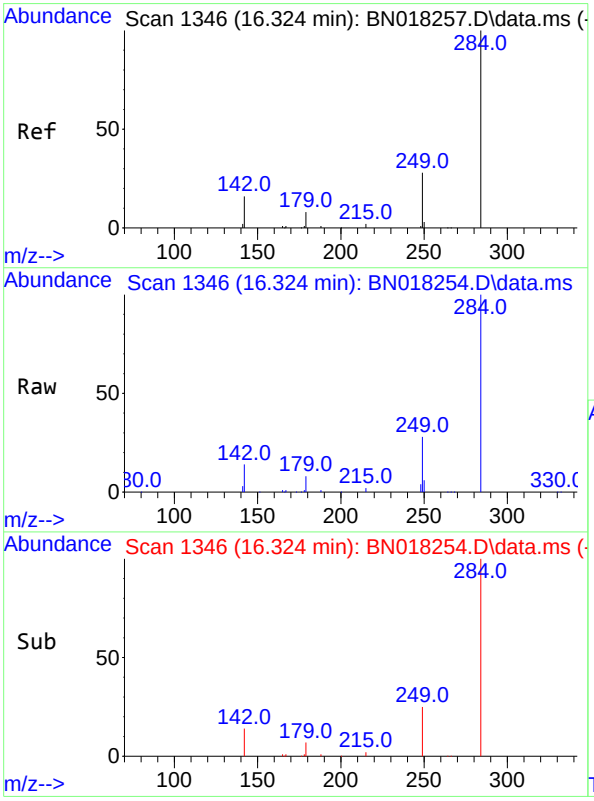
#21
4-Bromophenyl-phenylether
Concen: 0.366 ng
RT: 16.202 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 27032

Ion	Ratio	Lower	Upper
248	100		
250	92.2	74.4	111.6
141	59.3	43.7	65.5

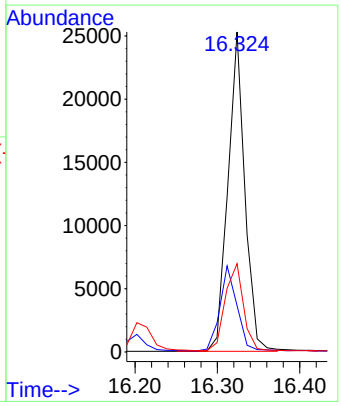


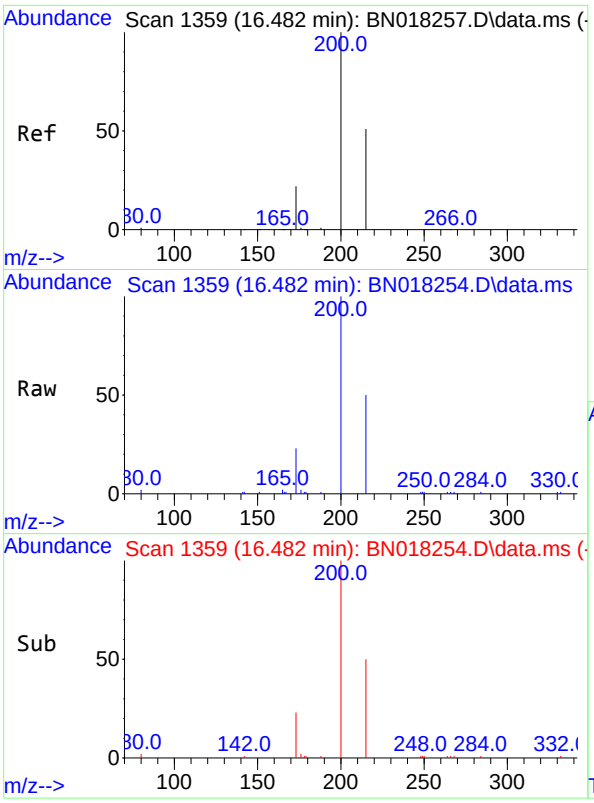


#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.324 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:284 Resp: 35945

Ion	Ratio	Lower	Upper
284	100		
142	26.8	21.6	32.4
249	29.3	23.5	35.3



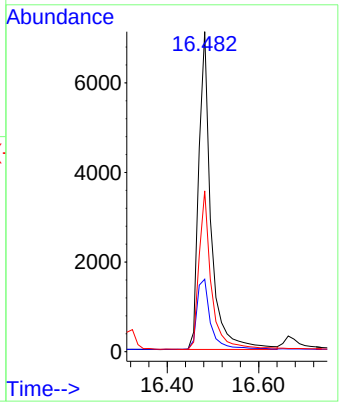


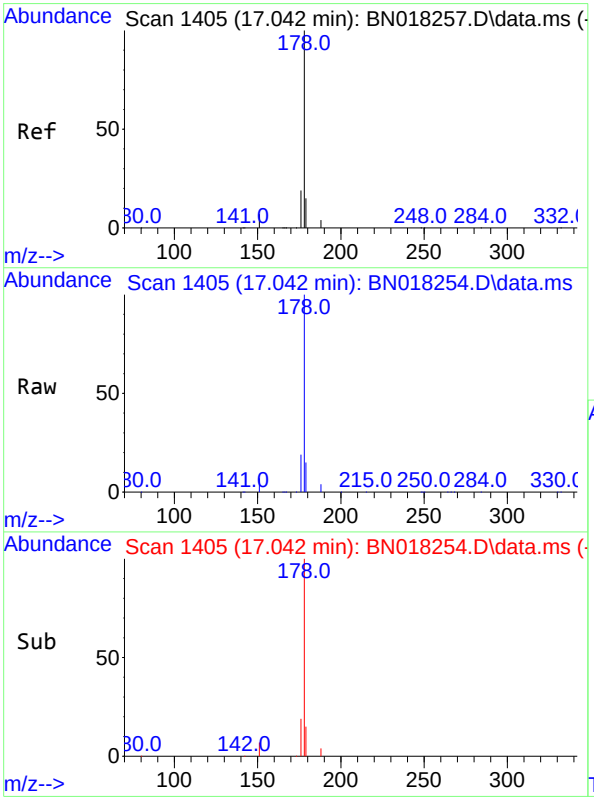
#23
Atrazine
Concen: 0.289 ng
RT: 16.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 13221

Ion	Ratio	Lower	Upper
200	100		
173	22.7	20.3	30.5
215	50.3	40.4	60.6

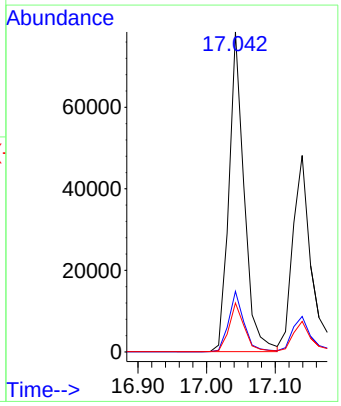


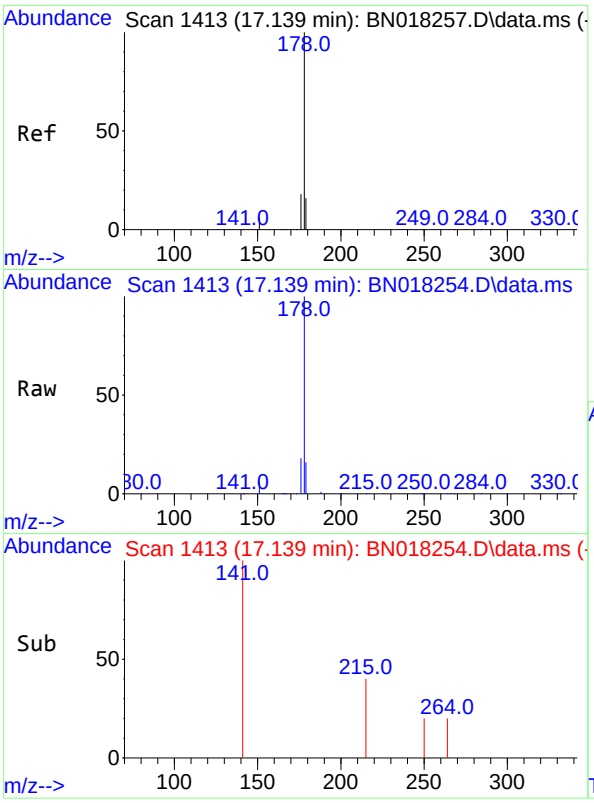


#25
Phenanthrene
Concen: 0.379 ng
RT: 17.042 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:178 Resp: 121159

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.4	12.3	18.5



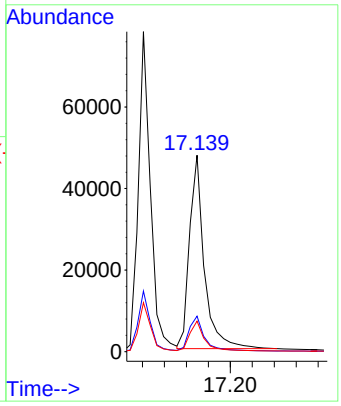


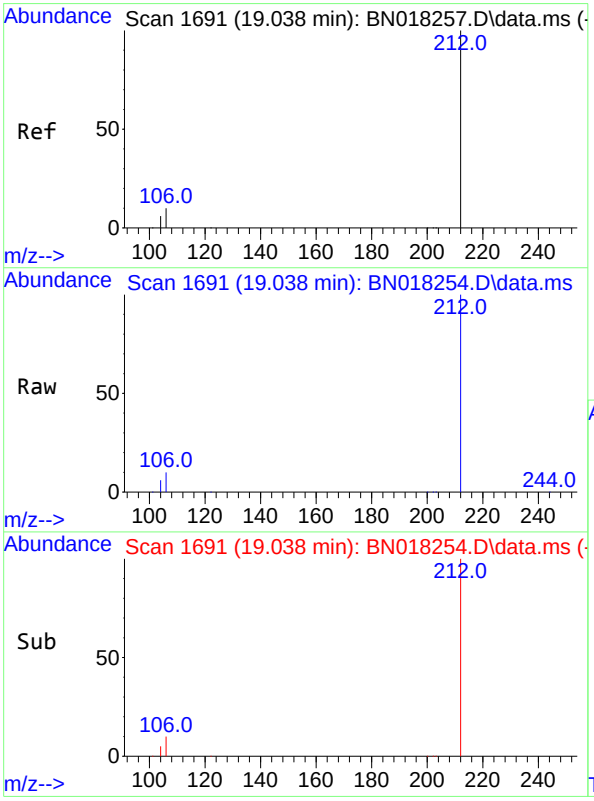
#26
Anthracene
Concen: 0.337 ng
RT: 17.139 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 88964

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.8	22.2
179	15.2	12.2	18.4

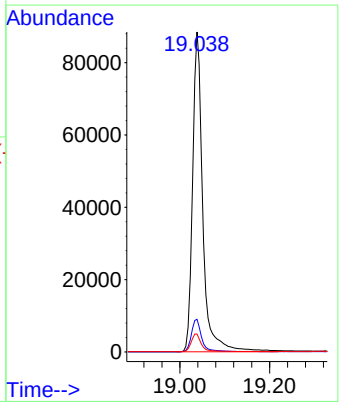


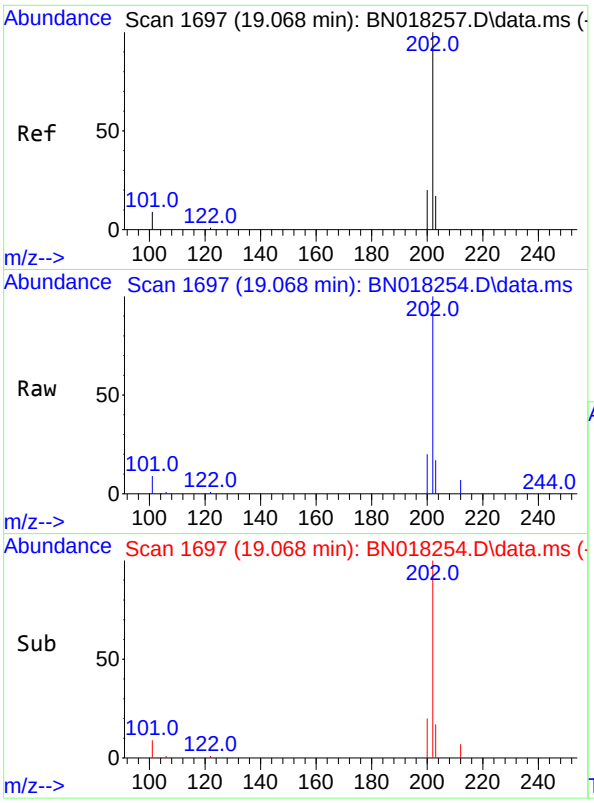


#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.038 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:212 Resp: 140989

Ion	Ratio	Lower	Upper
212	100		
106	10.3	8.4	12.6
104	5.6	4.5	6.7



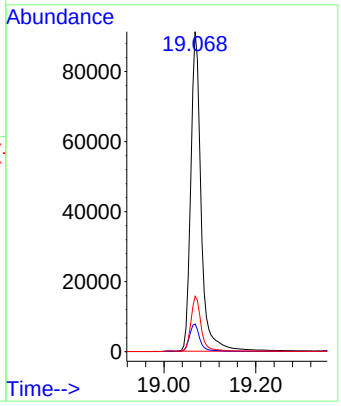


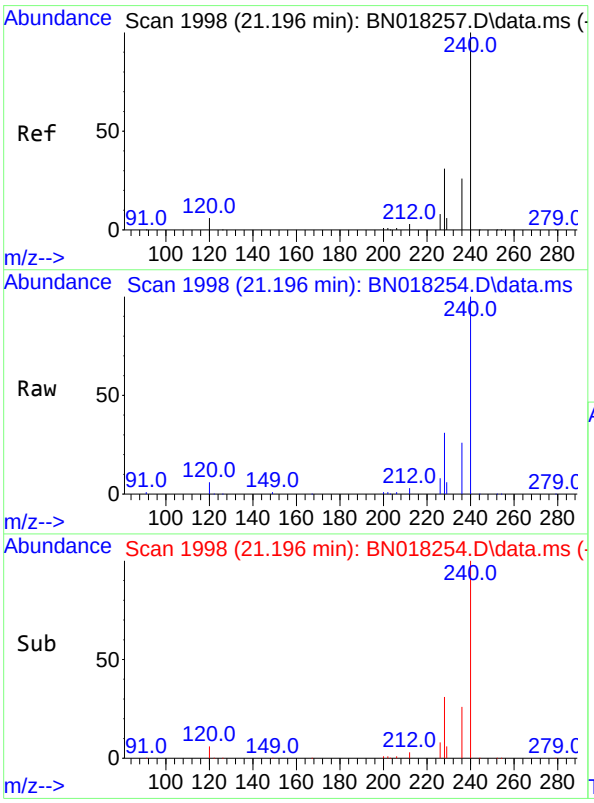
#28
Fluoranthene
Concen: 0.382 ng
RT: 19.068 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 142705

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
203	17.0	13.7	20.5

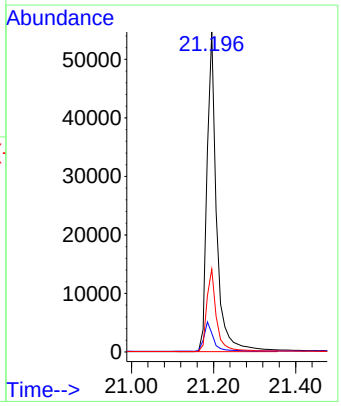


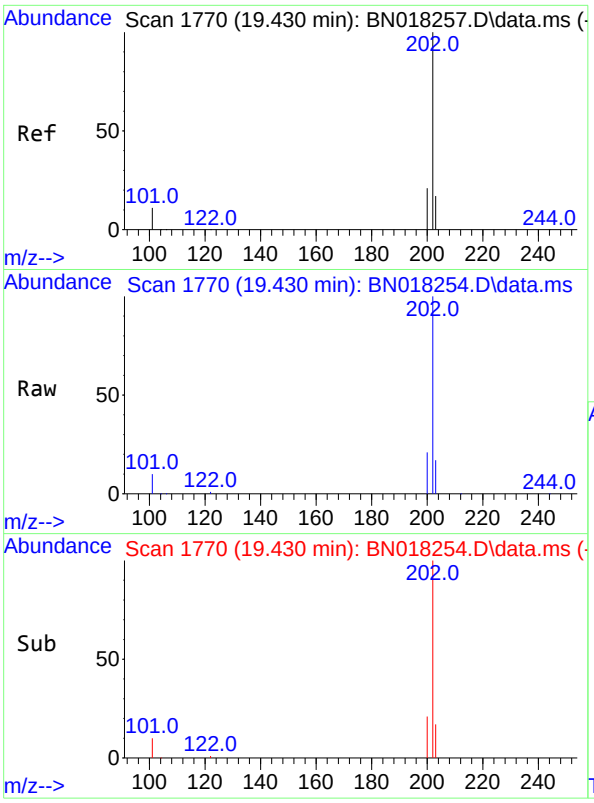


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.196 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:240 Resp: 89047

Ion	Ratio	Lower	Upper
240	100		
120	5.8	6.0	9.0#
236	25.9	21.4	32.2



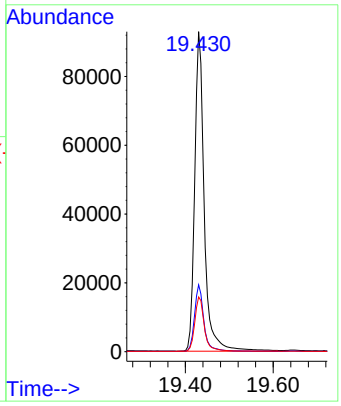


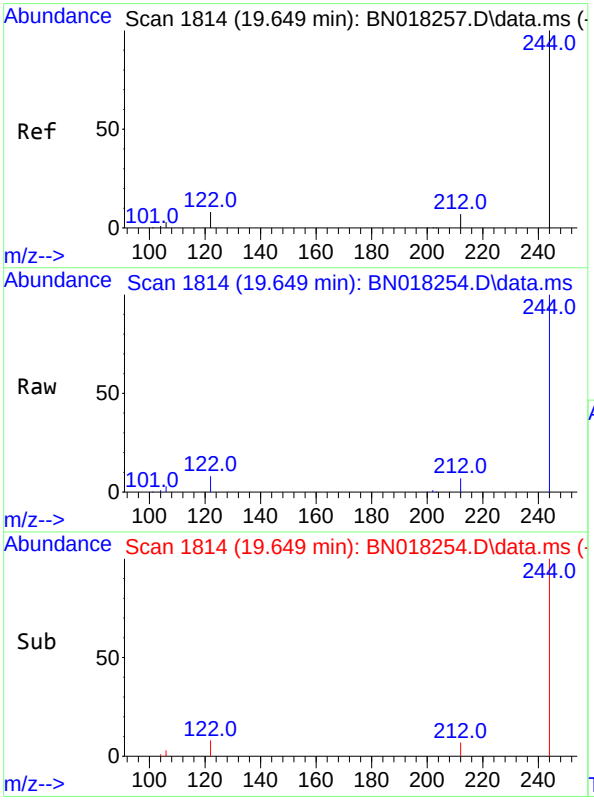
#30
Pyrene
Concen: 0.490 ng
RT: 19.430 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 140027

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.6	25.0
203	17.4	14.1	21.1

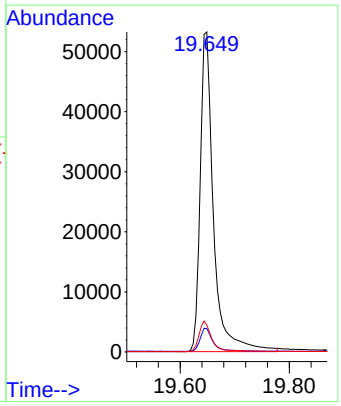


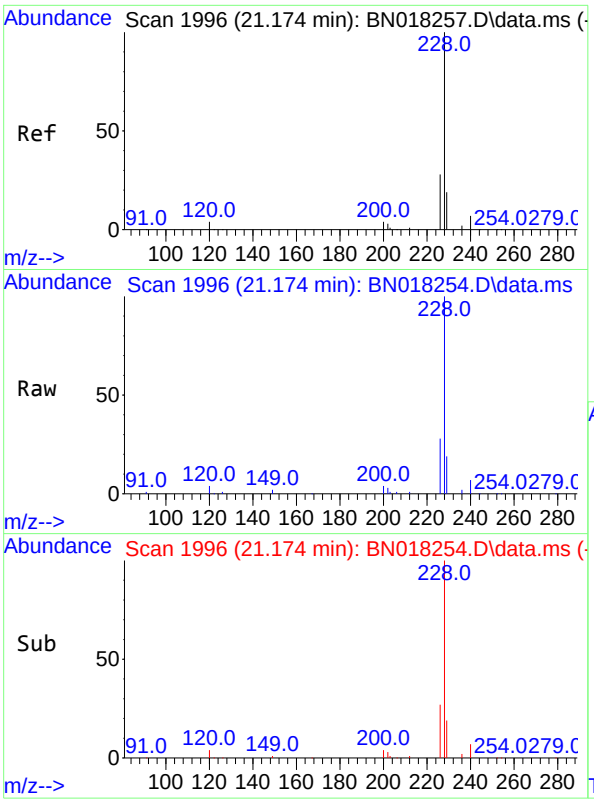


#31
Terphenyl-d14
Concen: 0.461 ng
RT: 19.649 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:244 Resp: 90250

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	8.4	7.9	11.9



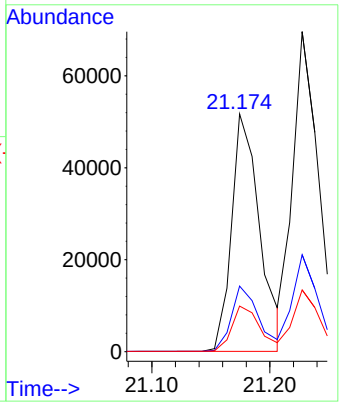


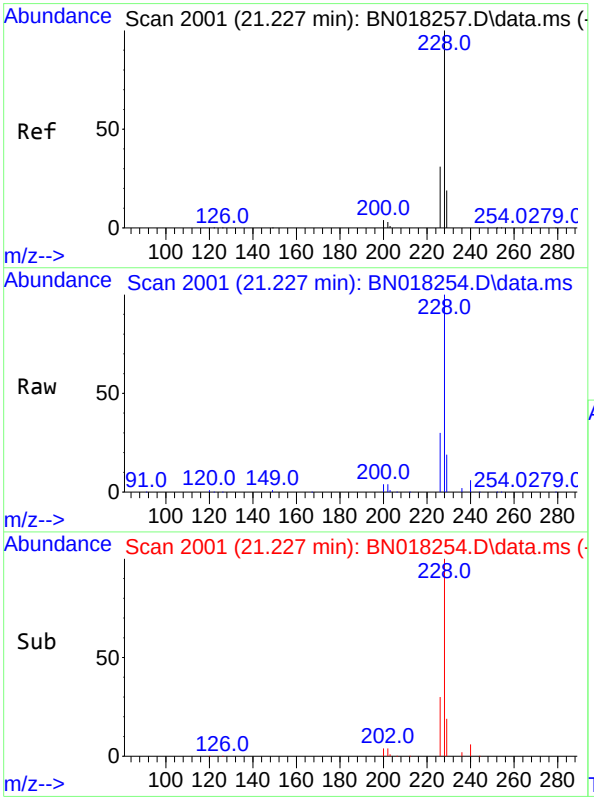
#32
Benzo(a)anthracene
Concen: 0.332 ng
RT: 21.174 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 85794

Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.3	31.9
229	19.2	15.9	23.9

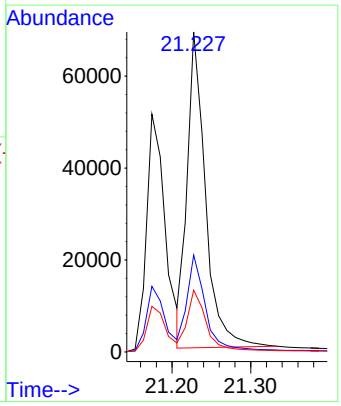


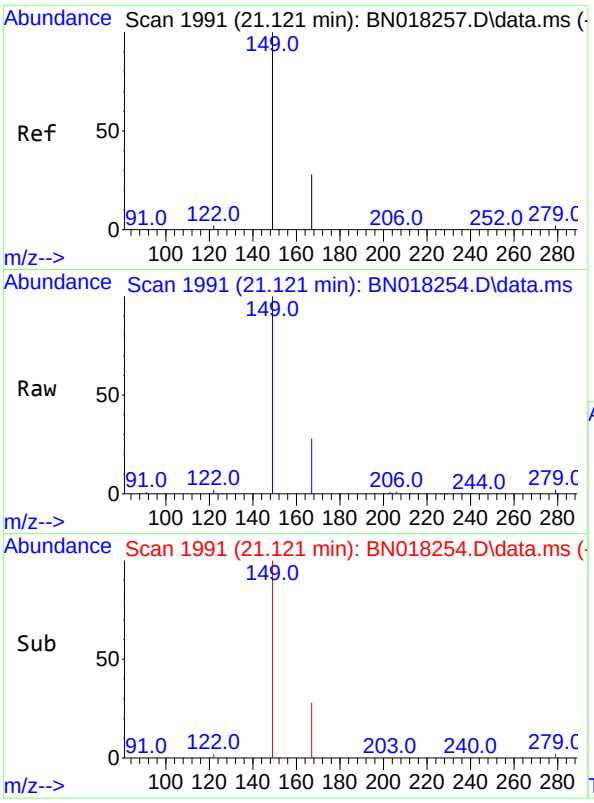


#33
Chrysene
Concen: 0.393 ng
RT: 21.227 min Scan# 2001
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:228 Resp: 111006

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.3	15.5	23.3



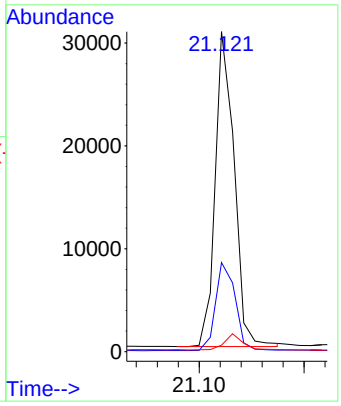


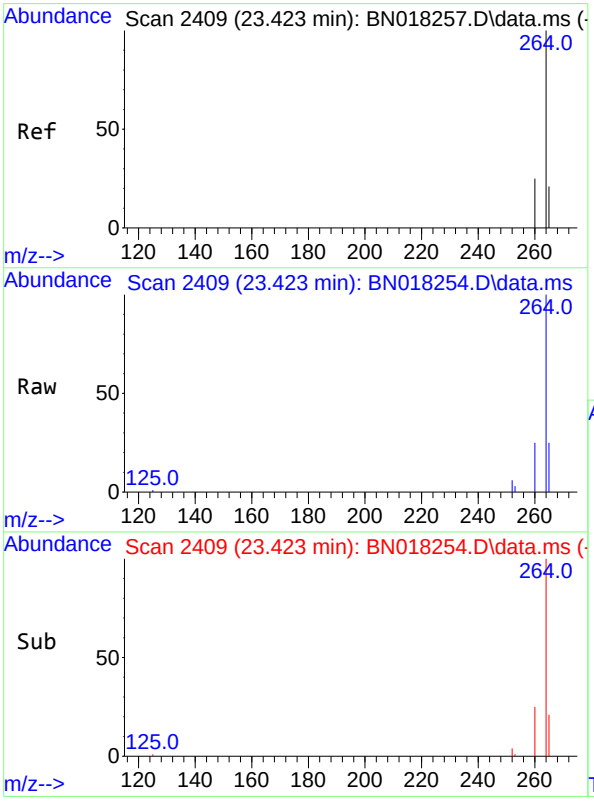
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.397 ng
RT: 21.121 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 38417

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.7	35.5
279	4.8	3.6	5.4

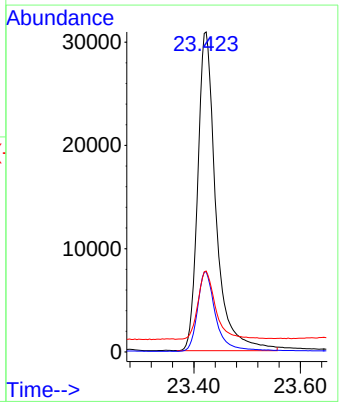


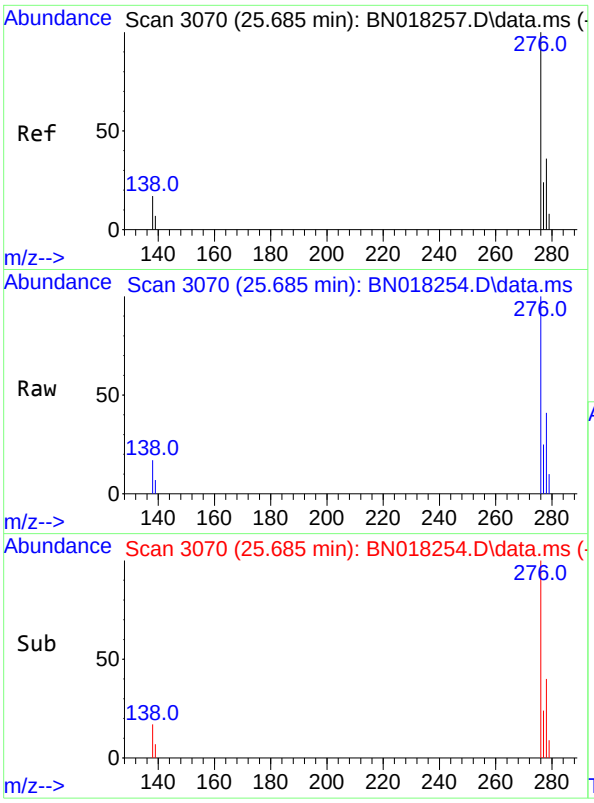


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.423 min Scan# 2409
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:264 Resp: 73181

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.4
265	25.3	18.2	27.2



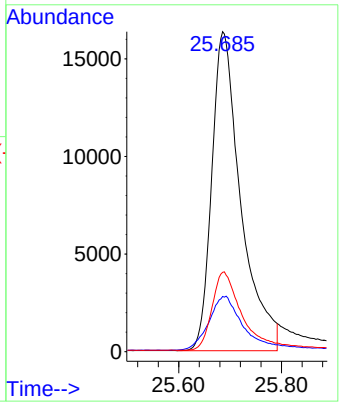


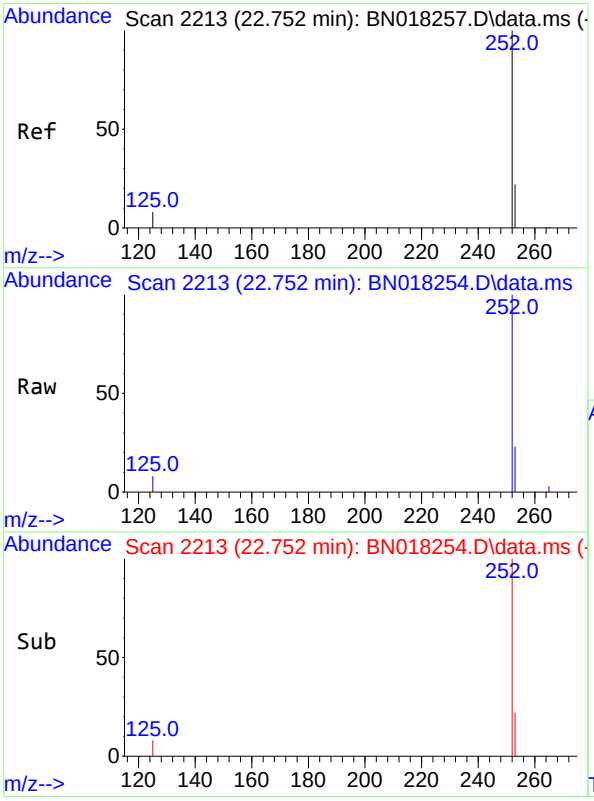
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.303 ng
RT: 25.685 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 64079

Ion	Ratio	Lower	Upper
276	100		
138	19.6	14.9	22.3
277	24.8	19.9	29.9

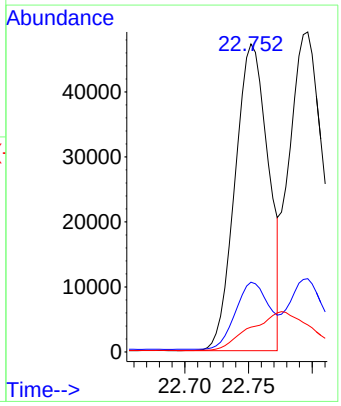


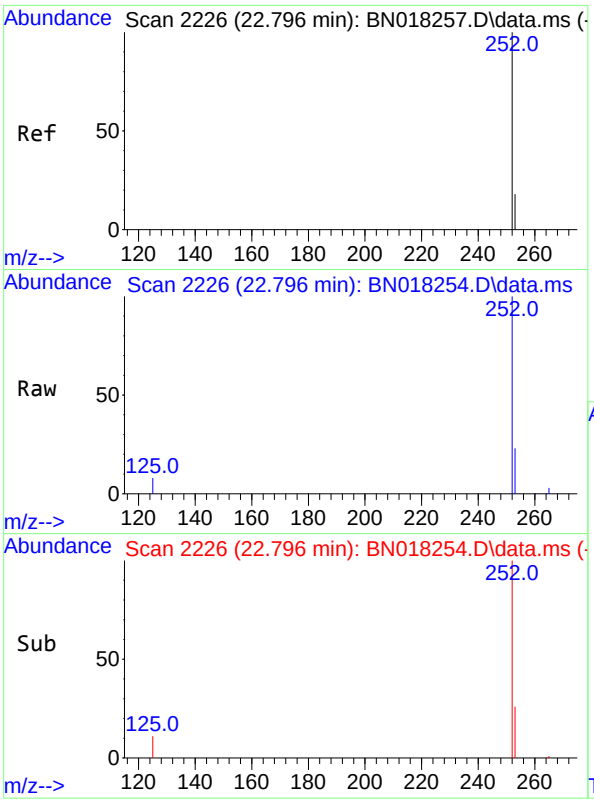


#37
Benzo(b)fluoranthene
Concen: 0.379 ng
RT: 22.752 min Scan# 2213
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:252 Resp: 85765

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	8.1	6.0	9.0



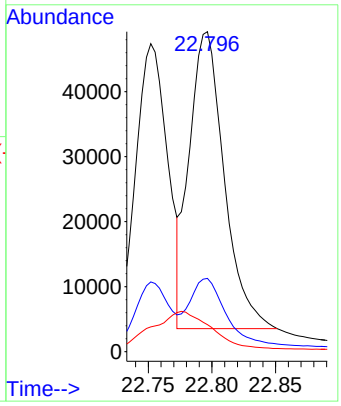


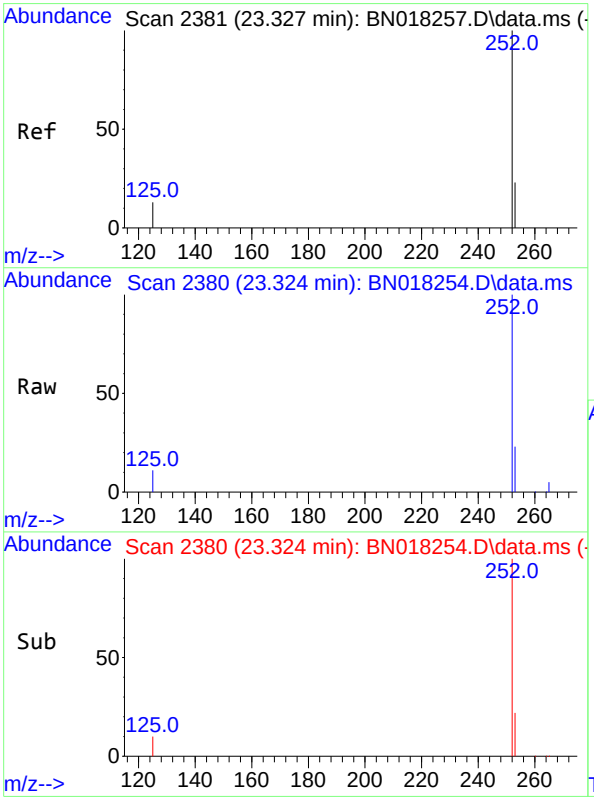
#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 22.796 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 87125

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	8.5	6.2	9.2

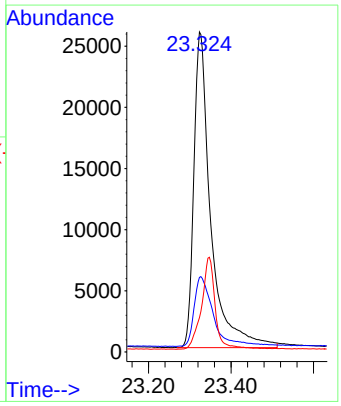


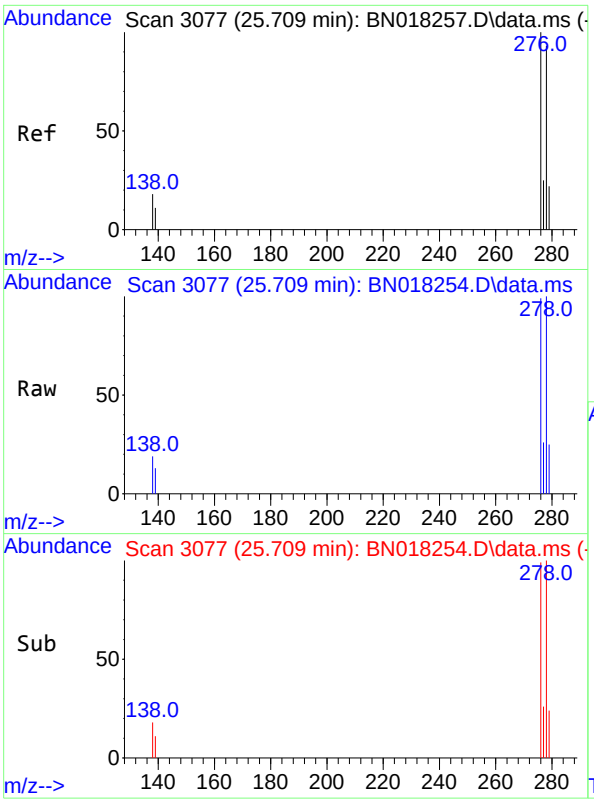


#39
Benzo(a)pyrene
Concen: 0.361 ng
RT: 23.324 min Scan# 2380
Delta R.T. -0.003 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:252 Resp: 73536

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	10.7	7.0	10.4#



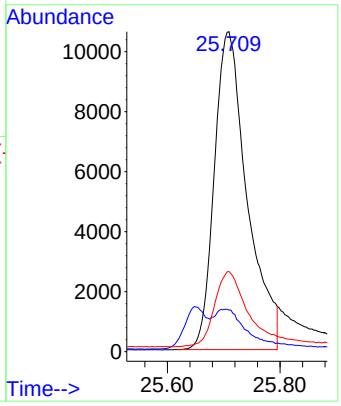


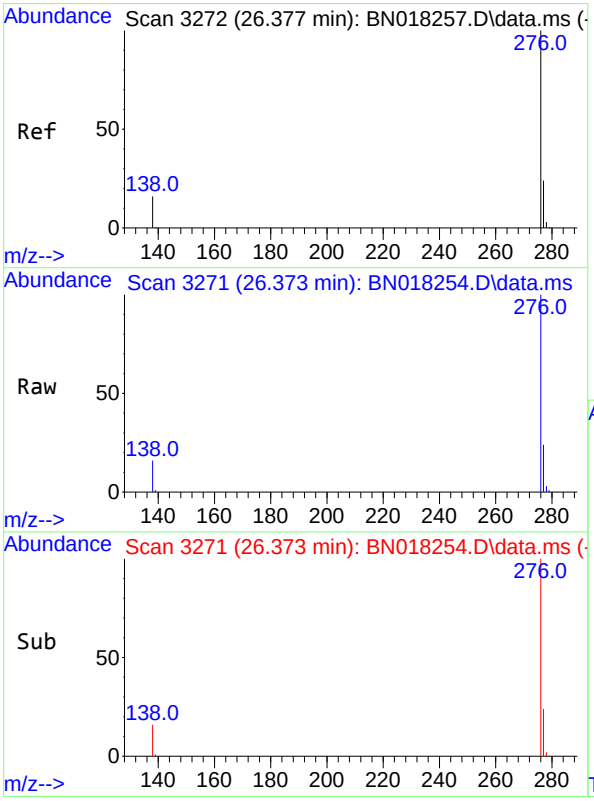
#40
Dibenzo(a,h)anthracene
Concen: 0.275 ng
RT: 25.709 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 42834

Ion	Ratio	Lower	Upper
278	100		
139	13.0	10.8	16.2
279	25.0	19.0	28.4





#41
Benzo(g,h,i)perylene
Concen: 0.343 ng
RT: 26.373 min Scan# 3271
Delta R.T. -0.003 min
Lab File: BN018254.D
Acq: 29 Dec 2021 10:12

Tgt Ion:276 Resp: 66938

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.6
138	16.0	12.6	19.0