Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
Data File : BN019552.D
Acq On : 27 Apr 2022 19:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Quant Time: Apr 28 02:59:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	4475	0.400	ng		0.00
7) Naphthalene-d8	10.669	136	12079	0.400	ng		0.00
13) Acenaphthene-d10	14.495	164	5850	0.400	ng		0.00
19) Phenanthrene-d10	17.236	188	10770	0.400	ng		0.00
29) Chrysene-d12	21.413	240	8966	0.400	ng		0.00
35) Perylene-d12	23.770	264	8206	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	4451	0.403	ng		0.00
5) Phenol-d6	7.038	99	5271	0.399	ng		0.00
8) Nitrobenzene-d5	9.025	82	3317	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.257	152	7341	0.392	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	676	0.361	ng		-0.01
15) 2-Fluorobiphenyl	13.127	172	10326	0.412	ng		0.00
27) Fluoranthene-d10	19.261	212	11873	0.387	ng		0.00
31) Terphenyl-d14	19.860	244	8081	0.410	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.384	88	2141	0.409	ng		98
3) n-Nitrosodimethylamine	3.702	42	1541	0.377	ng	#	94
6) bis(2-Chloroethyl)ether	7.306	93	4522	0.401	ng		99
9) Naphthalene	10.722	128	13849	0.401	ng		100
10) Hexachlorobutadiene	11.021	225	2661	0.407	ng	#	100
12) 2-Methylnaphthalene	12.329	142	8596	0.396	ng		99
16) Acenaphthylene	14.217	152	10107	0.383	ng		100
17) Acenaphthene	14.559	154	7537	0.399	ng		99
18) Fluorene	15.543	166	9022	0.391	ng		100
20) 4,6-Dinitro-2-methylph...	15.607	198	511	0.422	ng		98
21) 4-Bromophenyl-phenylether	16.426	248	2670	0.405	ng		95
22) Hexachlorobenzene	16.549	284	3164	0.411	ng		99
23) Atrazine	16.692	200	1436	0.368	ng		97
24) Pentachlorophenol	16.887	266	908	0.349	ng		97
25) Phenanthrene	17.277	178	14424	0.400	ng		100
26) Anthracene	17.359	178	11534	0.387	ng		100
28) Fluoranthene	19.291	202	14834	0.381	ng		100
30) Pyrene	19.653	202	15121	0.411	ng		100
32) Benzo(a)anthracene	21.396	228	12653	0.391	ng		98
33) Chrysene	21.449	228	14477	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.342	149	5460	0.369	ng		99
36) Indeno(1,2,3-cd)pyrene	26.185	276	15462	0.392	ng		100
37) Benzo(b)fluoranthene	23.054	252	13114	0.391	ng		99
38) Benzo(k)fluoranthene	23.100	252	13847	0.410	ng		98
39) Benzo(a)pyrene	23.662	252	9930	0.380	ng		98
40) Dibenzo(a,h)anthracene	26.211	278	12534	0.391	ng		99
41) Benzo(g,h,i)perylene	26.922	276	13340	0.393	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042822\
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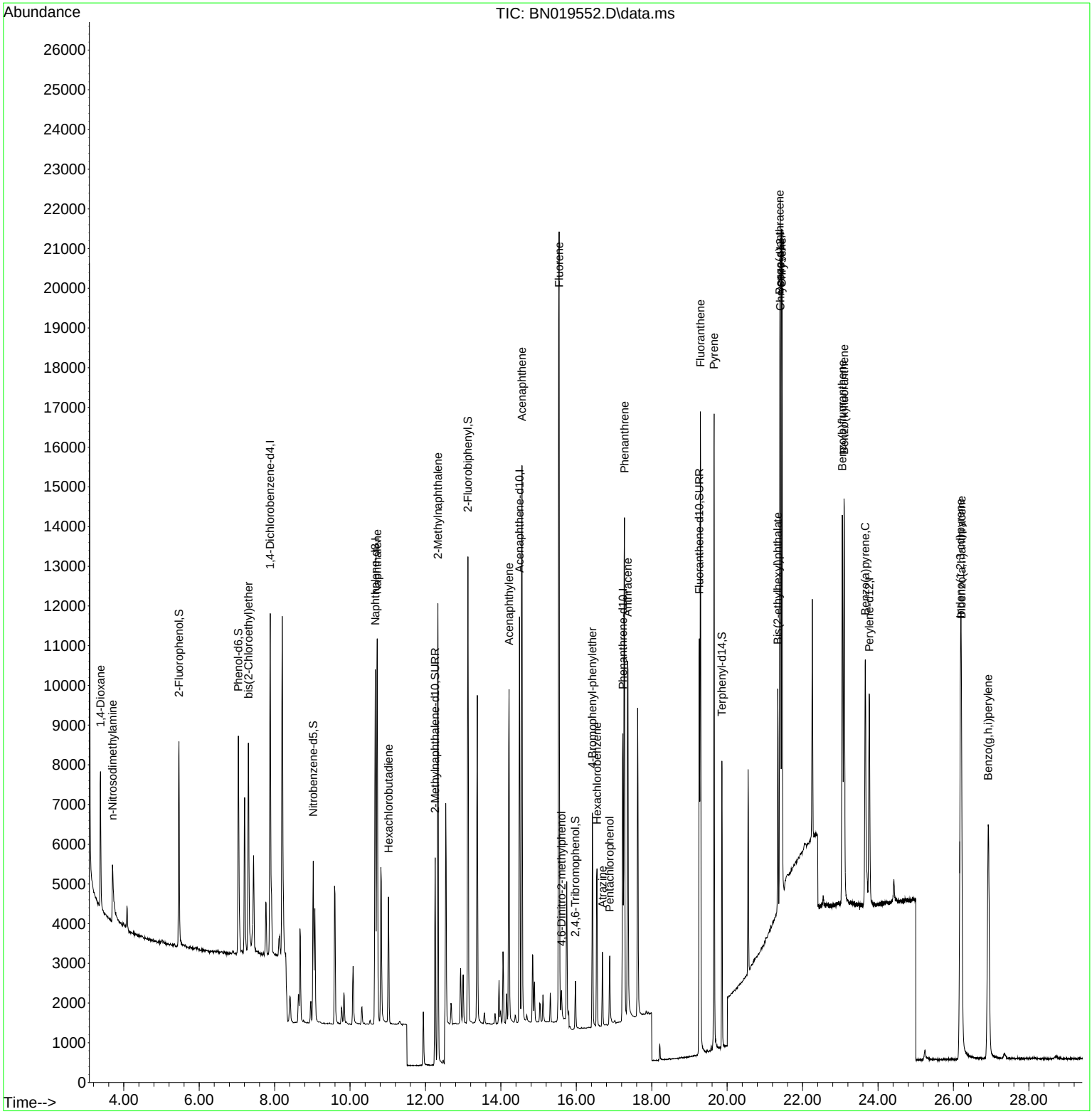
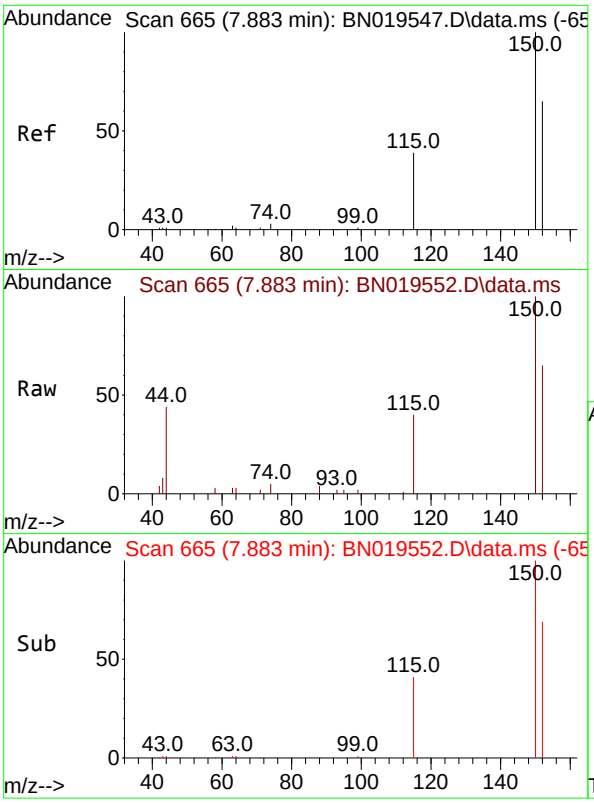
Acq On : 27 Apr 2022 19:29
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Quant Time: Apr 28 02:59:06 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 02:56:24 2022
Response via : Initial Calibration



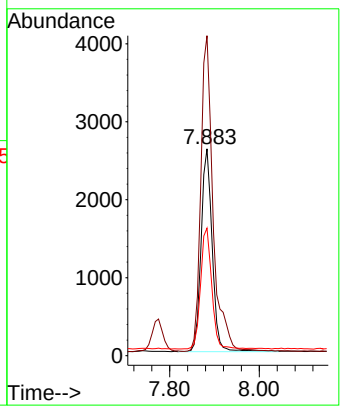


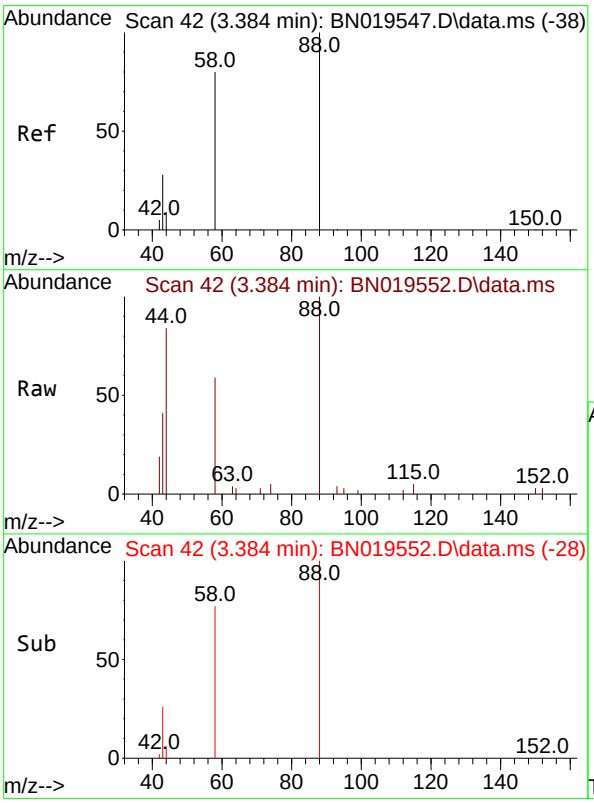
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.883 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:152 Resp: 4475

Ion	Ratio	Lower	Upper
152	100		
150	154.6	122.6	183.8
115	61.6	49.0	73.6

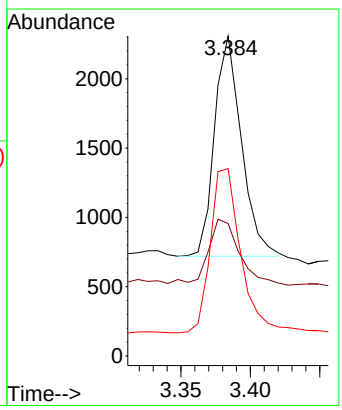


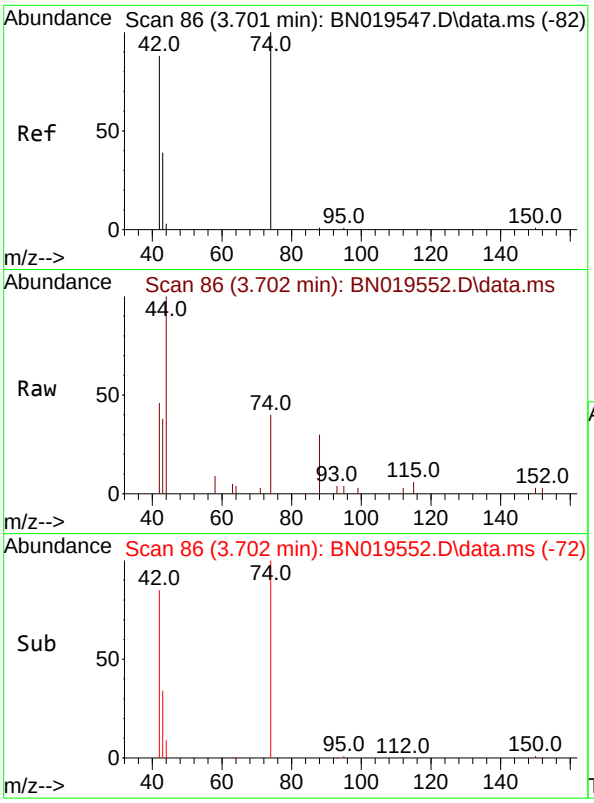


#2
1,4-Dioxane
Concen: 0.409 ng
RT: 3.384 min Scan# 42
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion: 88 Resp: 2141

Ion	Ratio	Lower	Upper
88	100		
43	32.6	25.2	37.8
58	83.1	67.6	101.4



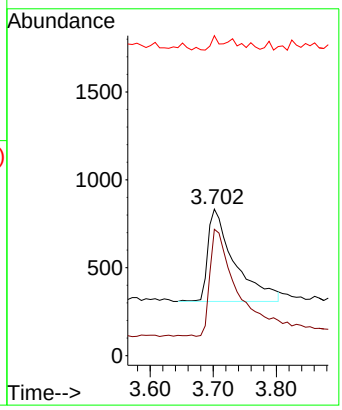


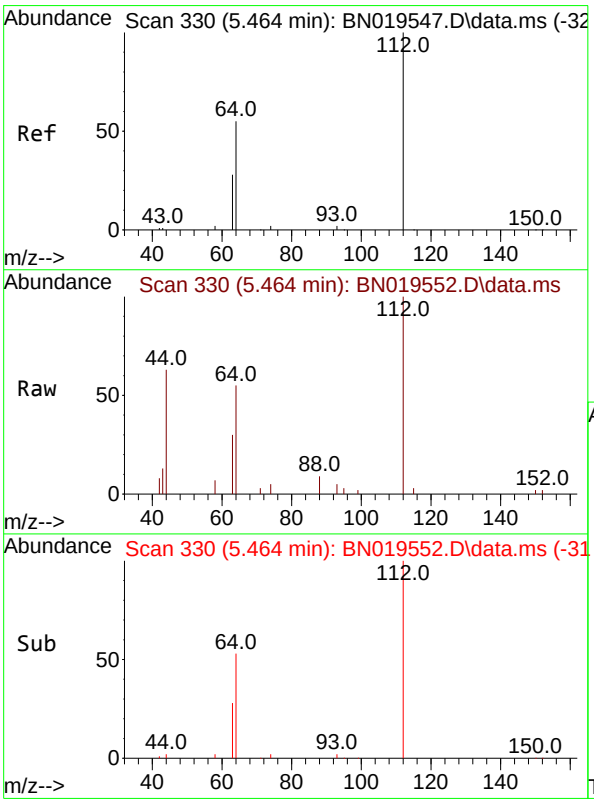
#3
n-Nitrosodimethylamine
Concen: 0.377 ng
RT: 3.702 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion: 42 Resp: 1541

Ion	Ratio	Lower	Upper
42	100		
74	120.9	101.8	152.6
44	4.9	8.4	12.6#

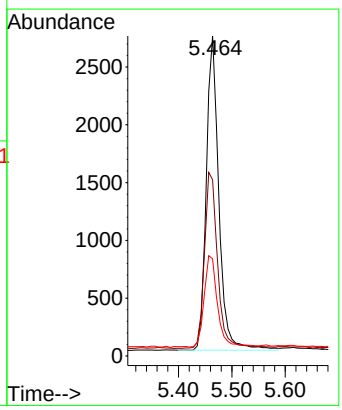


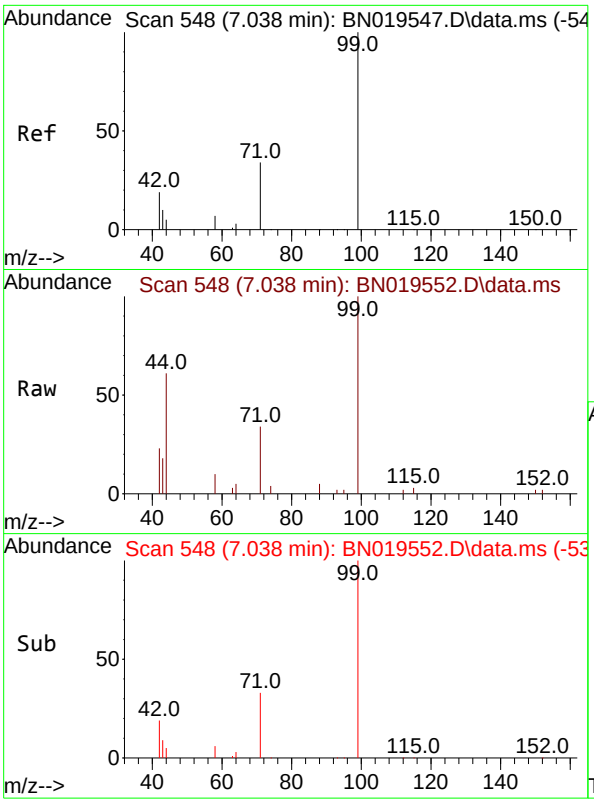


#4
2-Fluorophenol
Concen: 0.403 ng
RT: 5.464 min Scan# 330
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:112 Resp: 4451

Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.3	70.9
63	31.0	24.6	36.8



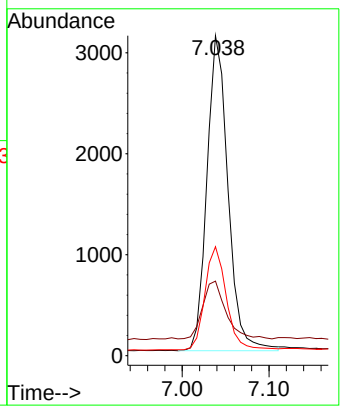


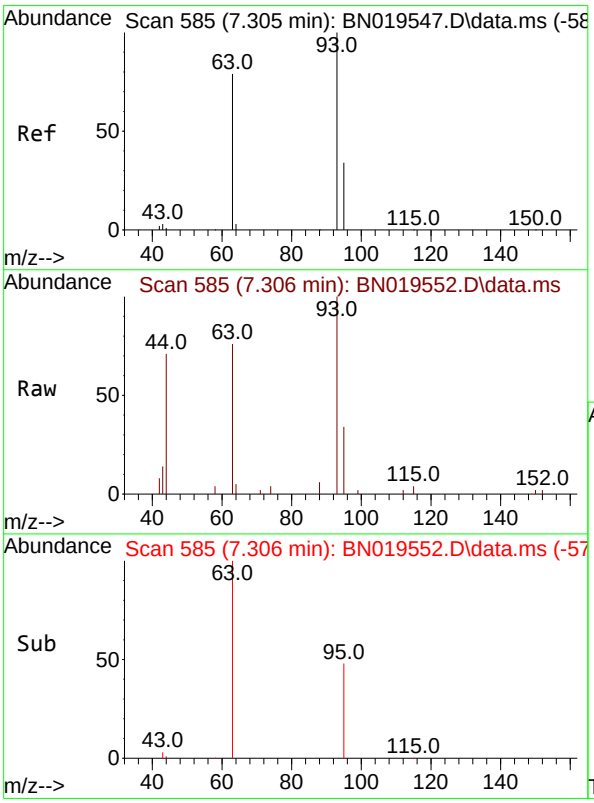
#5
Phenol-d6
Concen: 0.399 ng
RT: 7.038 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion: 99 Resp: 5271

Ion	Ratio	Lower	Upper
99	100		
42	21.2	15.8	23.8
71	33.6	26.5	39.7

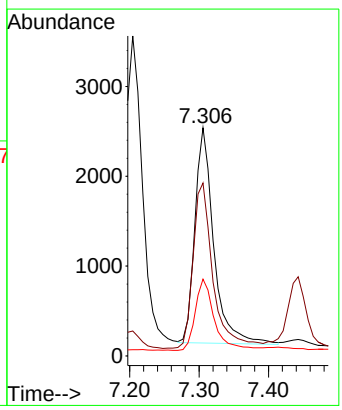


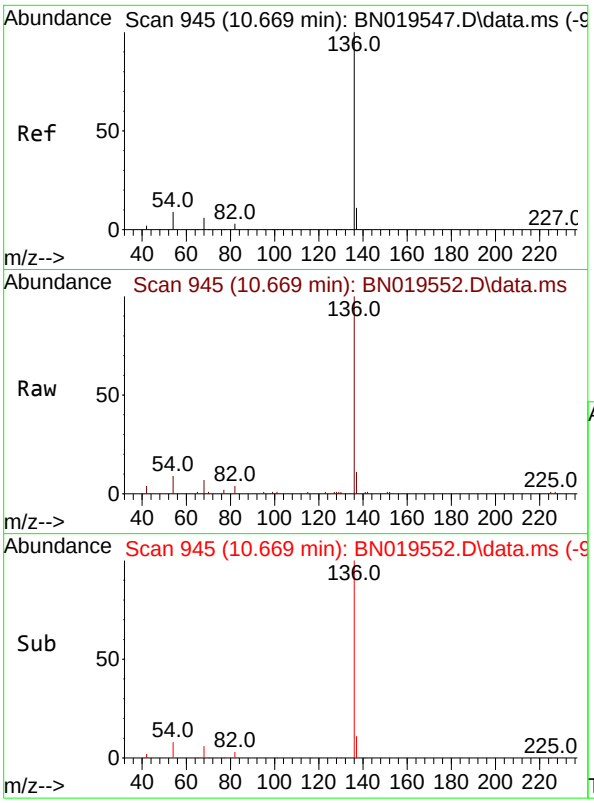


#6
bis(2-Chloroethyl)ether
Concen: 0.401 ng
RT: 7.306 min Scan# 585
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion: 93 Resp: 4522

Ion	Ratio	Lower	Upper
93	100		
63	81.6	65.8	98.8
95	33.6	27.4	41.2



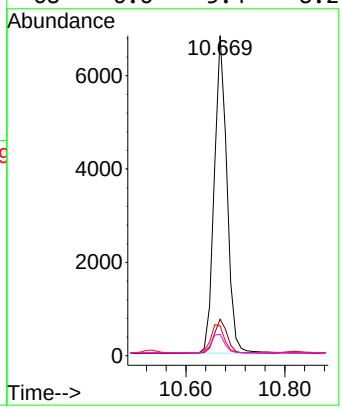


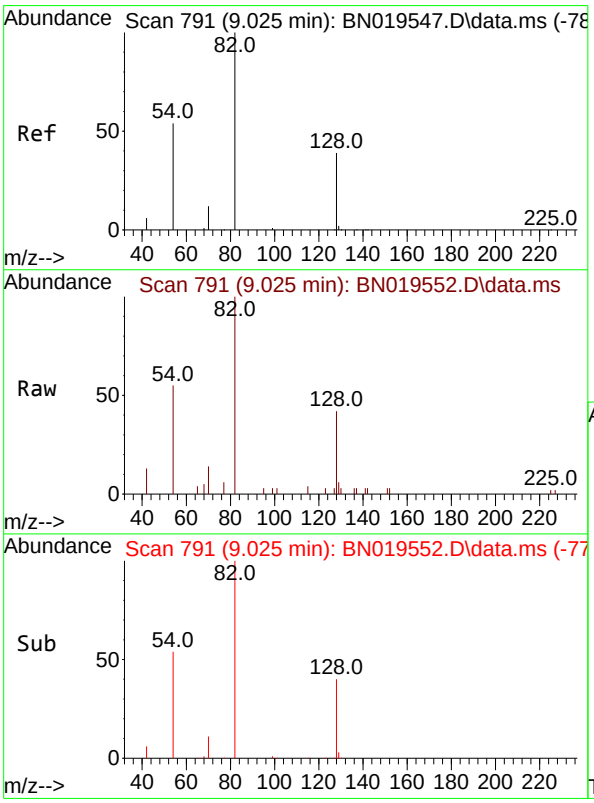
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.669 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:136 Resp: 12079

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.3	7.8	11.6
68	6.6	5.4	8.2

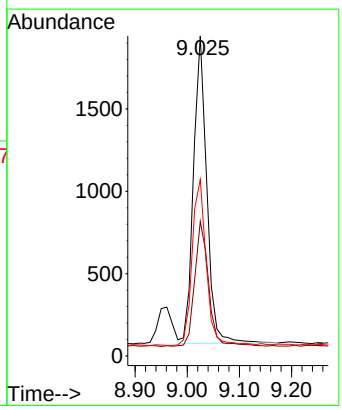


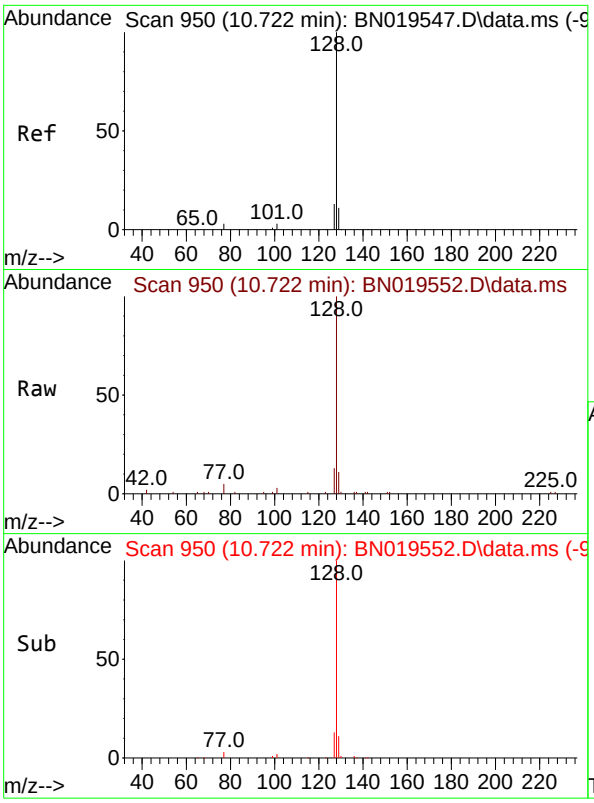


#8
Nitrobenzene-d5
Concen: 0.386 ng
RT: 9.025 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion: 82 Resp: 3317

Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.4	48.6
54	55.2	44.4	66.6



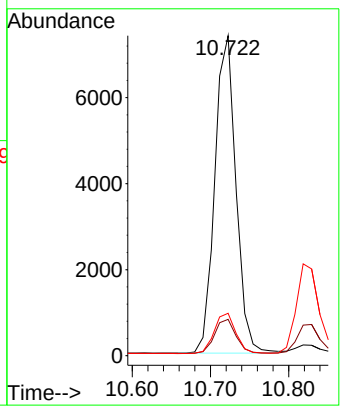


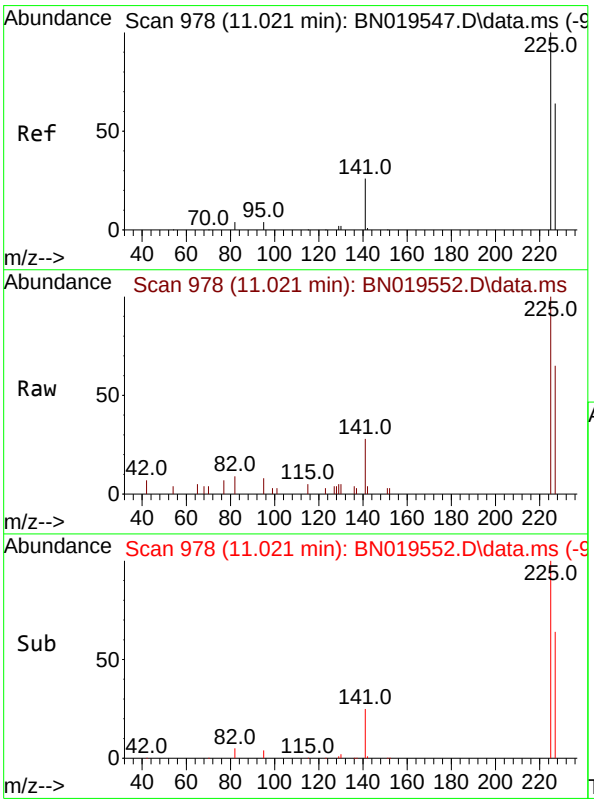
#9
Naphthalene
Concen: 0.401 ng
RT: 10.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:128 Resp: 13849

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.8	16.2

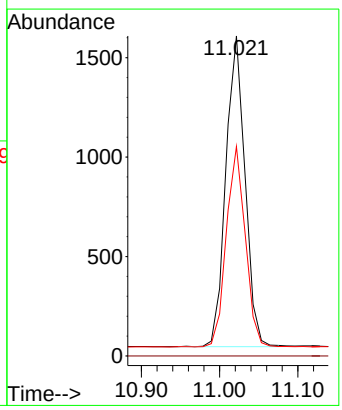


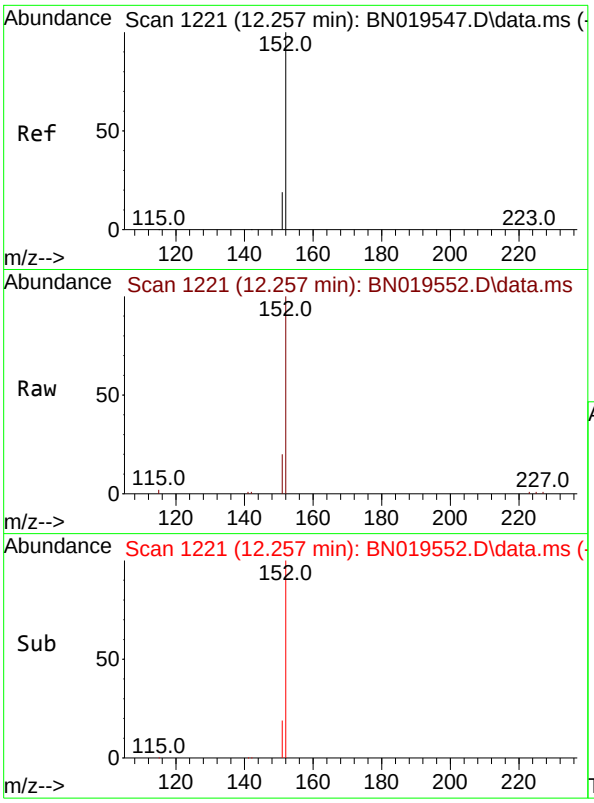


#10
Hexachlorobutadiene
Concen: 0.407 ng
RT: 11.021 min Scan# 978
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:225 Resp: 2661

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



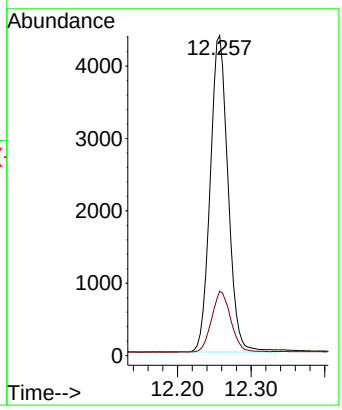


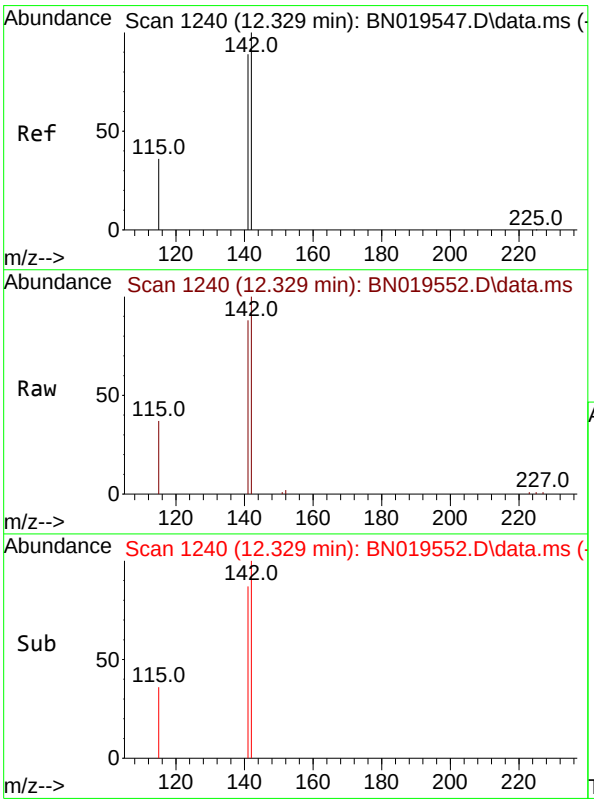
#11
2-Methylnaphthalene-d10
Concen: 0.392 ng
RT: 12.257 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:152 Resp: 7341

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

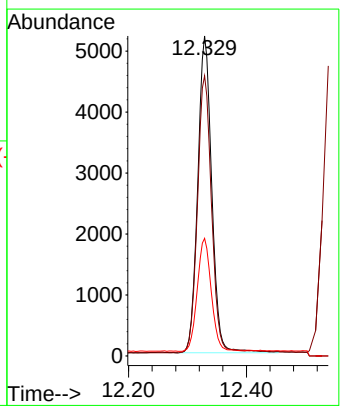


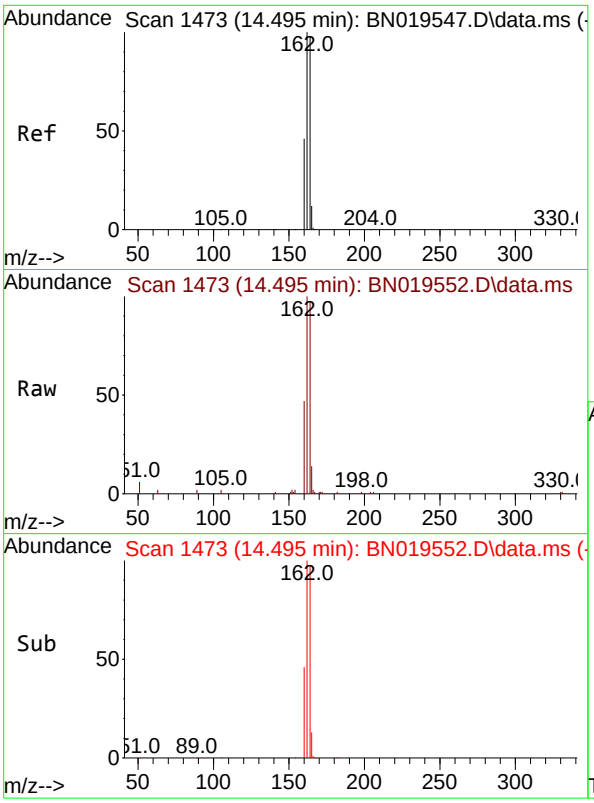


#12
2-Methylnaphthalene
Concen: 0.396 ng
RT: 12.329 min Scan# 1240
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:142 Resp: 8596

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	36.7	29.6	44.4



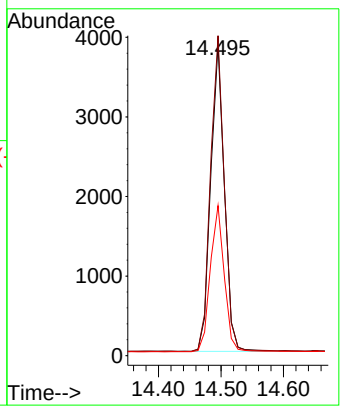


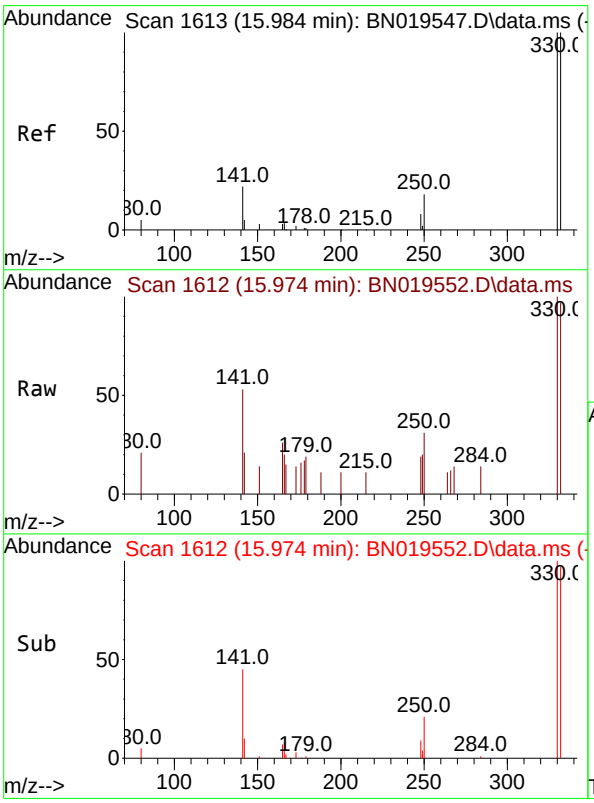
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:164 Resp: 5850

Ion	Ratio	Lower	Upper
164	100		
162	102.9	81.8	122.6
160	48.3	38.3	57.5

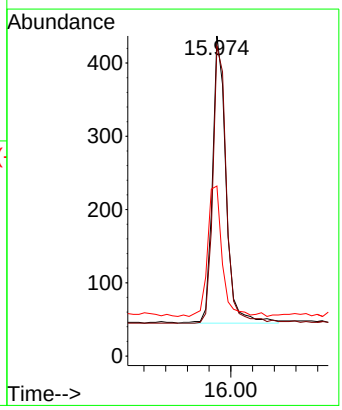


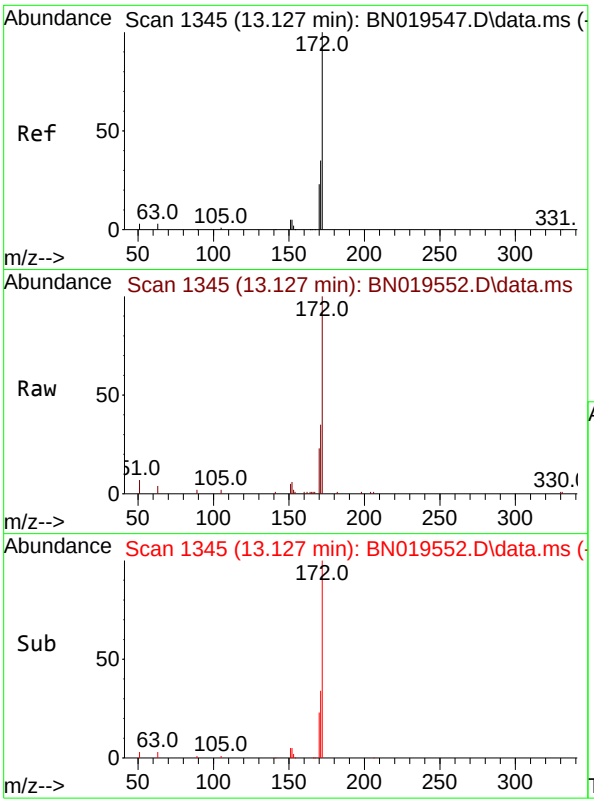


#14
2,4,6-Tribromophenol
Concen: 0.361 ng
RT: 15.974 min Scan# 1612
Delta R.T. -0.010 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:330 Resp: 676

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.2	114.4
141	49.6	39.7	59.5



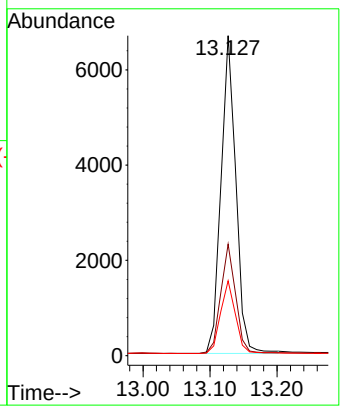


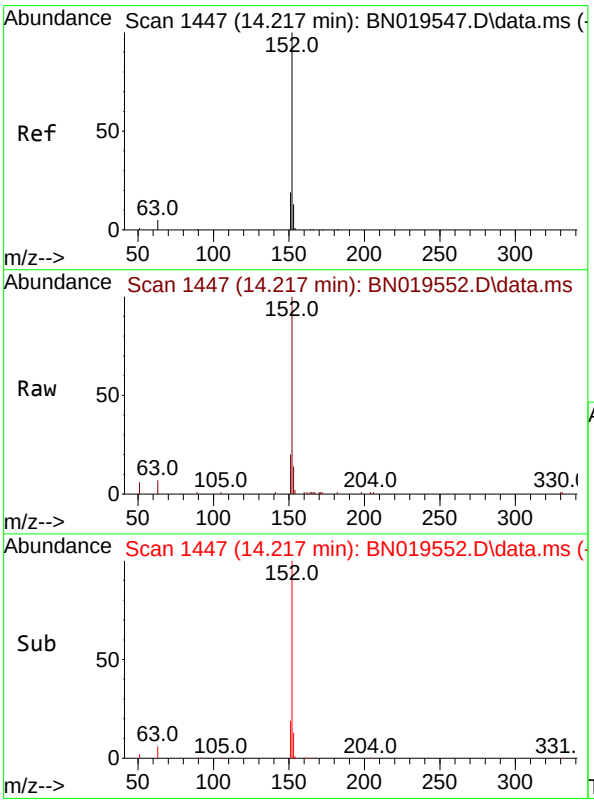
#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 13.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:172 Resp: 10326

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.0	42.0
170	23.4	19.0	28.4

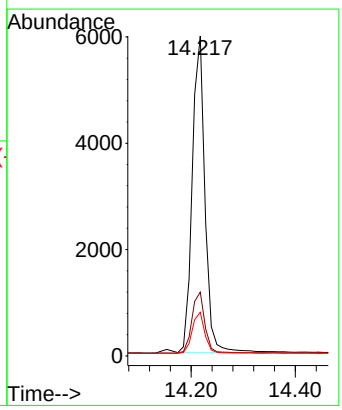


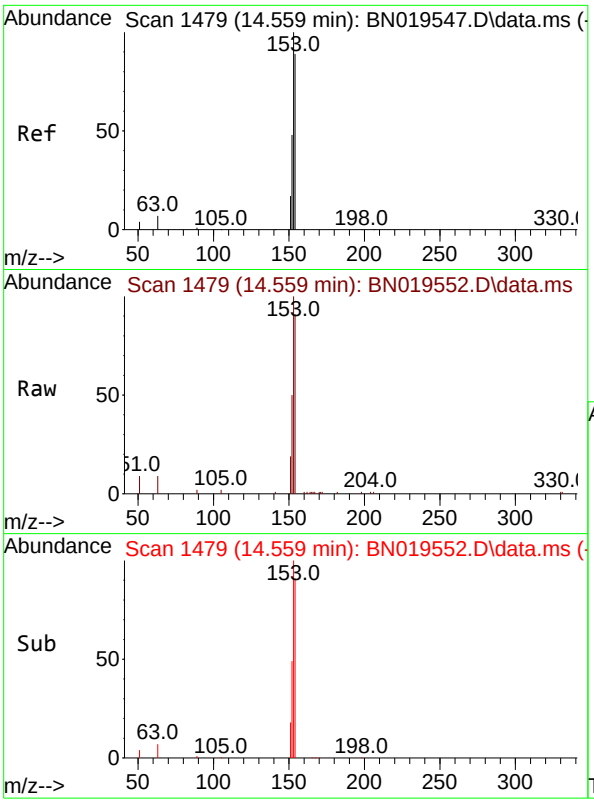


#16
Acenaphthylene
Concen: 0.383 ng
RT: 14.217 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:152 Resp: 10107

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.0	10.5	15.7



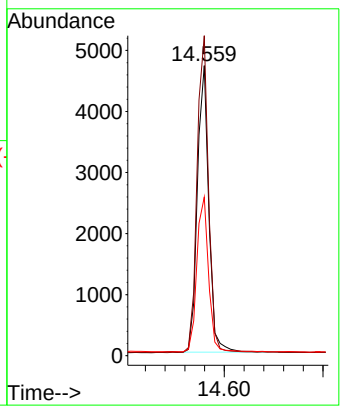


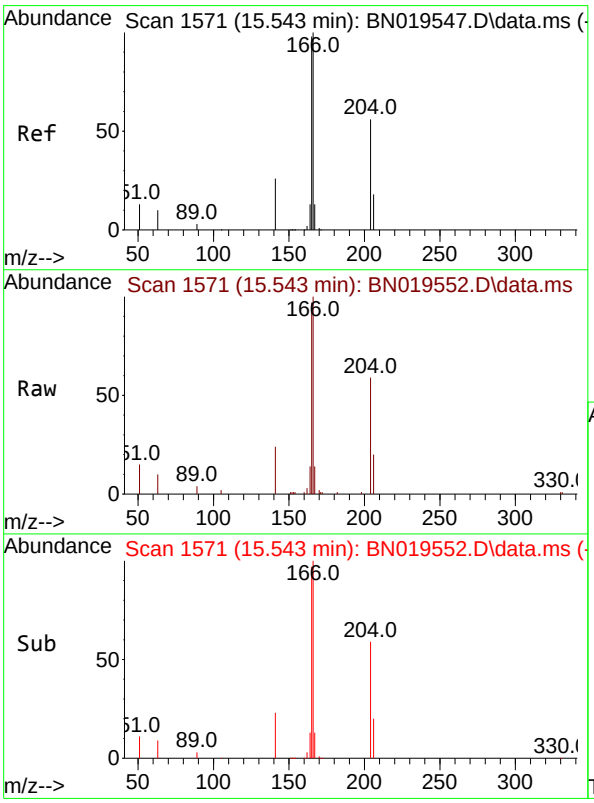
#17
Acenaphthene
Concen: 0.399 ng
RT: 14.559 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:154 Resp: 7537

Ion	Ratio	Lower	Upper
154	100		
153	110.9	89.3	133.9
152	55.2	44.1	66.1

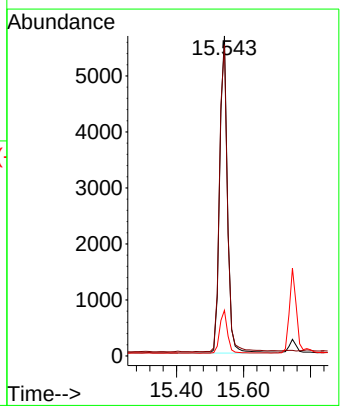


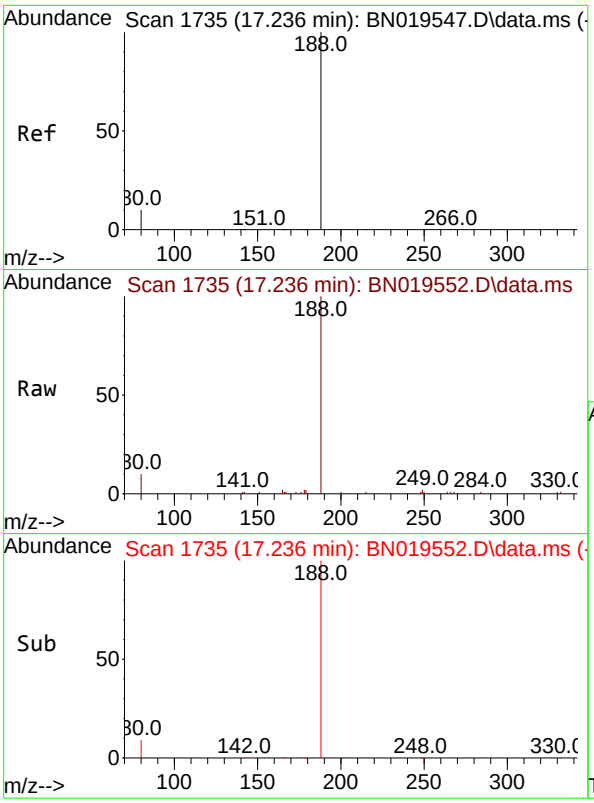


#18
Fluorene
Concen: 0.391 ng
RT: 15.543 min Scan# 1571
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:166 Resp: 9022

Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.1	118.7
167	13.6	10.7	16.1





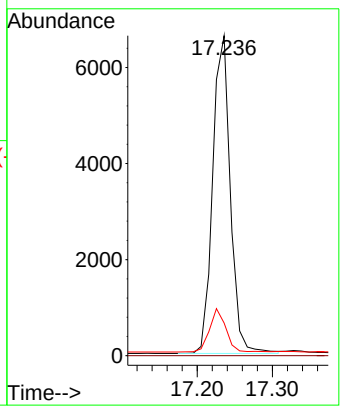
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.236 min Scan# 1

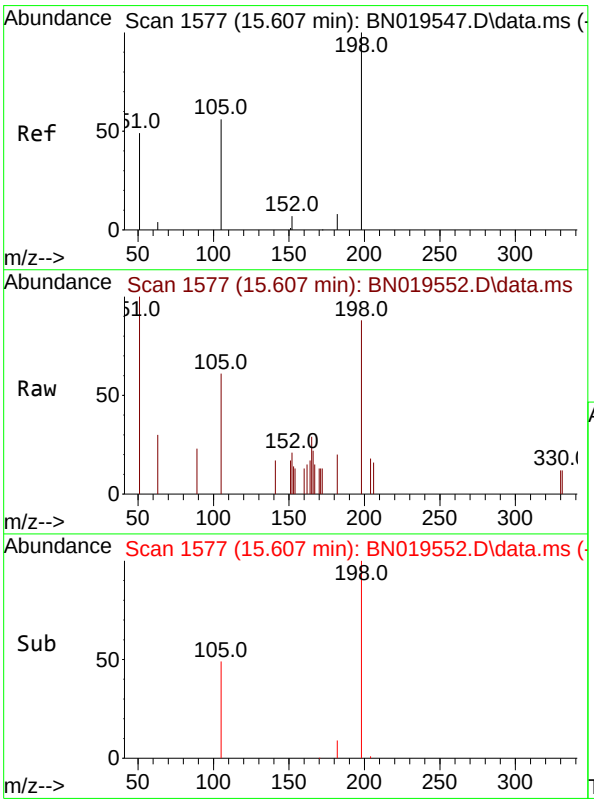
Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:188 Resp: 10770

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.2	8.6	12.8

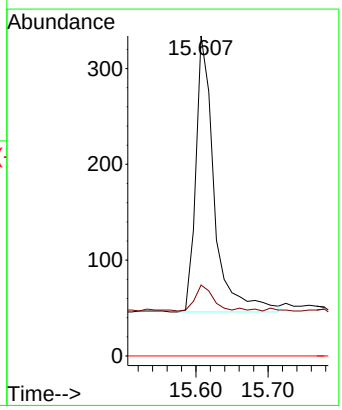


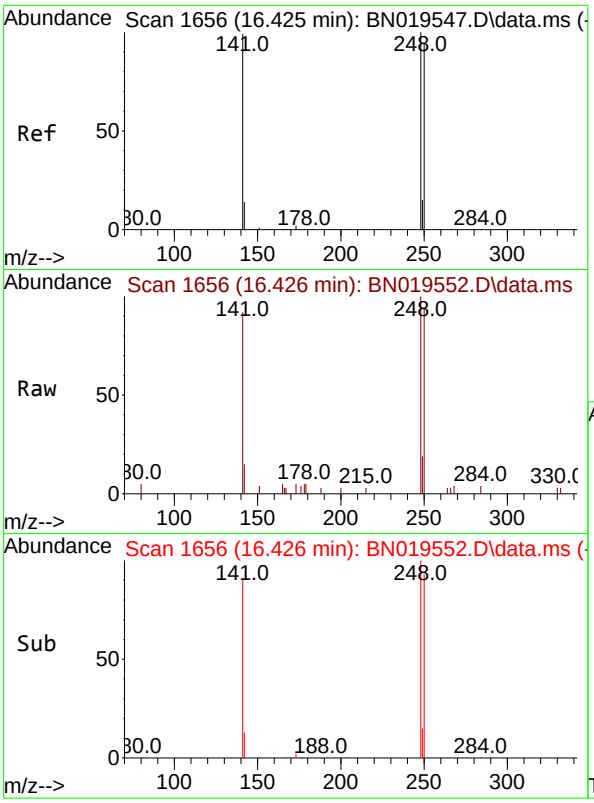


#20
4,6-Dinitro-2-methylphenol
Concen: 0.422 ng
RT: 15.607 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:198 Resp: 511

Ion	Ratio	Lower	Upper
198	100		
182	22.2	16.9	25.3
77	0.0	0.0	0.0



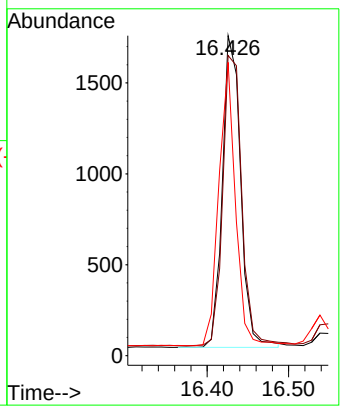


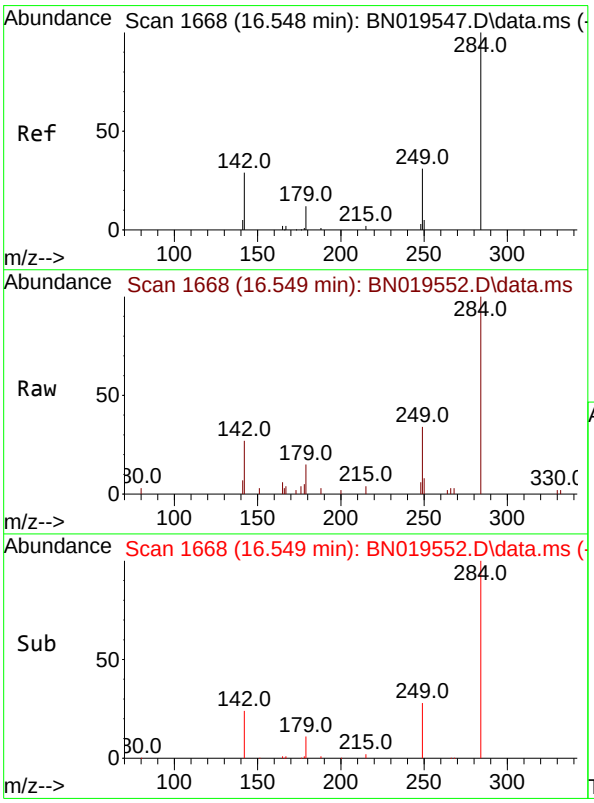
#21
4-Bromophenyl-phenylether
Concen: 0.405 ng
RT: 16.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:248 Resp: 2670

Ion	Ratio	Lower	Upper
248	100		
250	93.8	75.5	113.3
141	91.6	79.9	119.9

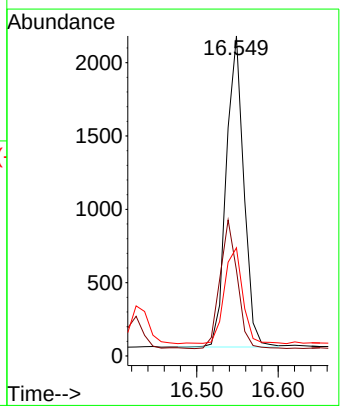


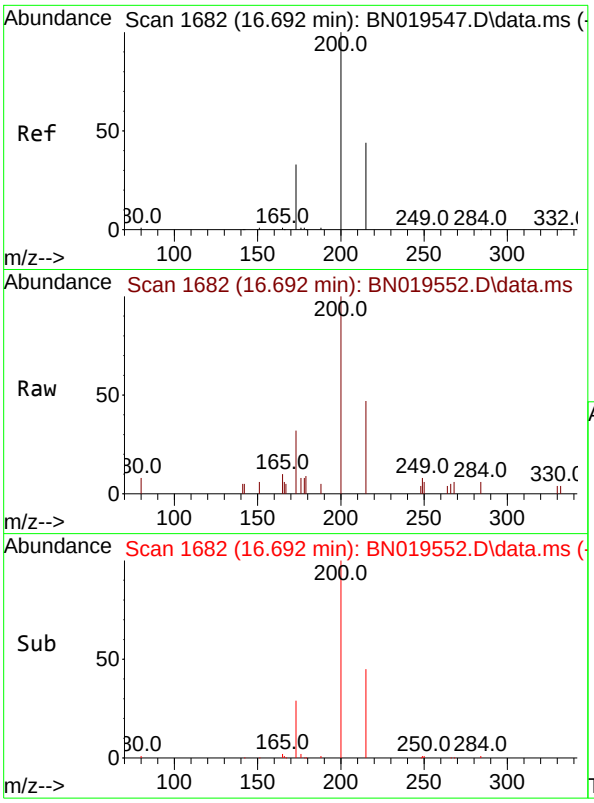


#22
Hexachlorobenzene
Concen: 0.411 ng
RT: 16.549 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:284 Resp: 3164

Ion	Ratio	Lower	Upper
284	100		
142	41.2	33.2	49.8
249	32.7	26.4	39.6



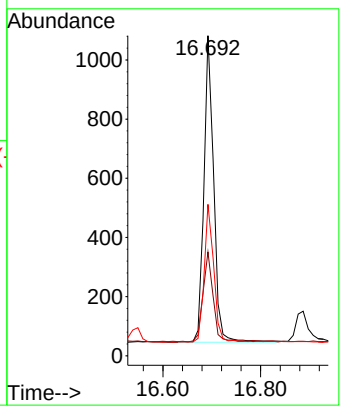


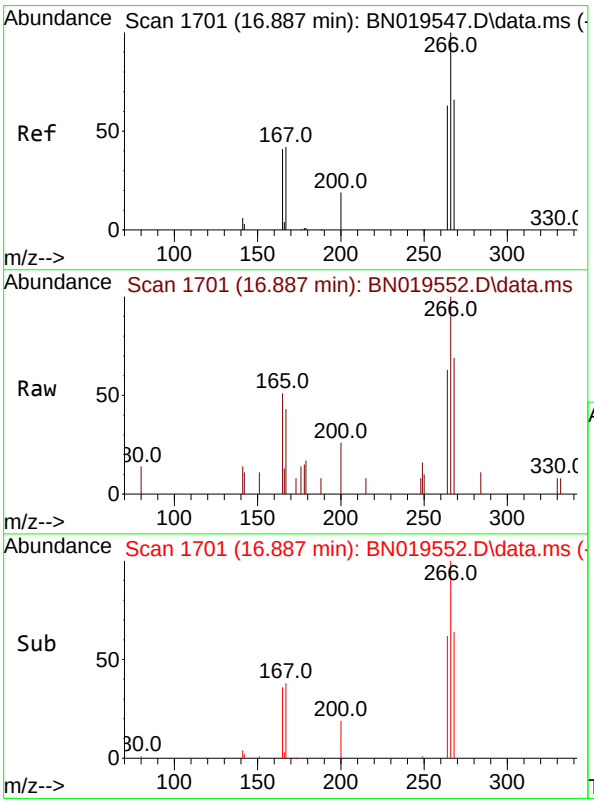
#23
Atrazine
Concen: 0.368 ng
RT: 16.692 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:200 Resp: 1436

Ion	Ratio	Lower	Upper
200	100		
173	32.4	28.5	42.7
215	47.3	37.0	55.4

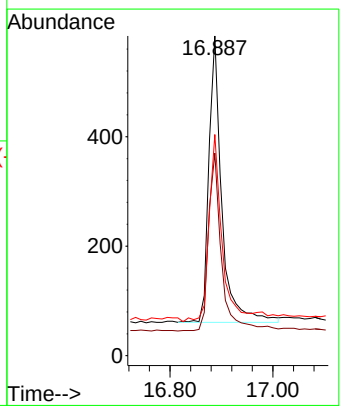


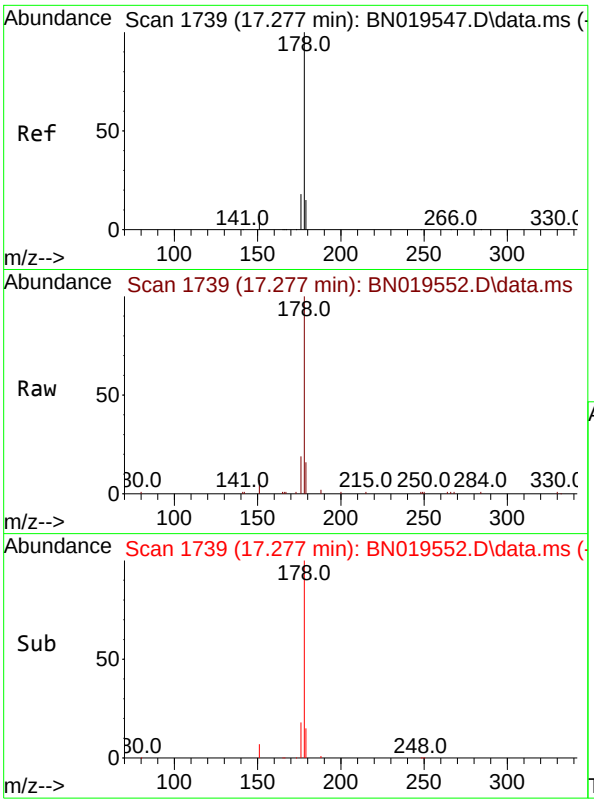


#24
Pentachlorophenol
Concen: 0.349 ng
RT: 16.887 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:266 Resp: 908

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.0	72.0
268	65.7	54.2	81.2



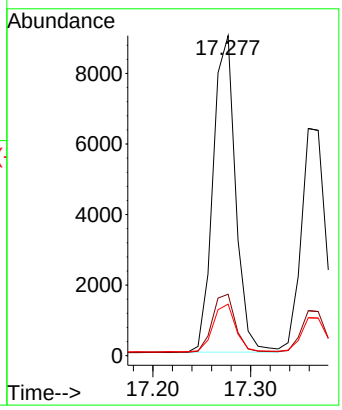


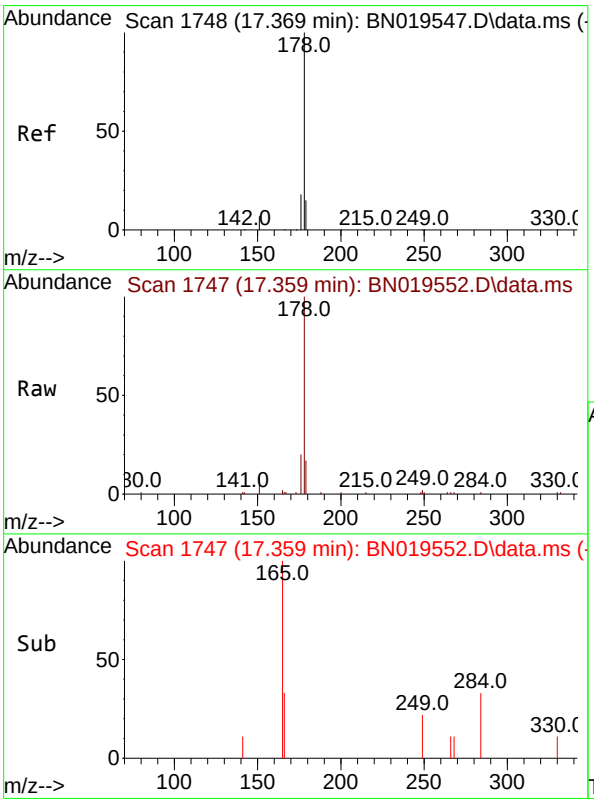
#25
Phenanthrene
Concen: 0.400 ng
RT: 17.277 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:178 Resp: 14424

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.1	18.1

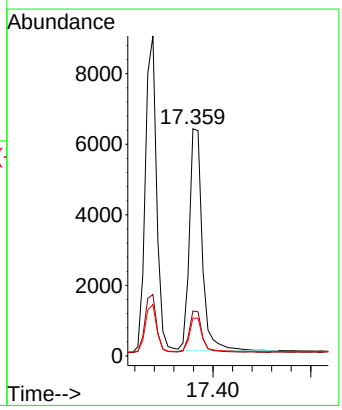


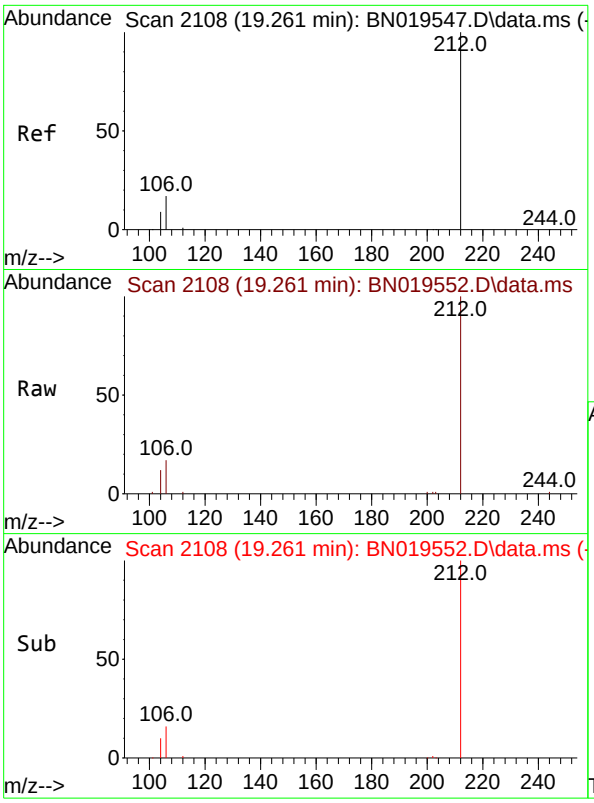


#26
Anthracene
Concen: 0.387 ng
RT: 17.359 min Scan# 1747
Delta R.T. -0.010 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:178 Resp: 11534

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.3	21.5
179	15.2	12.2	18.4



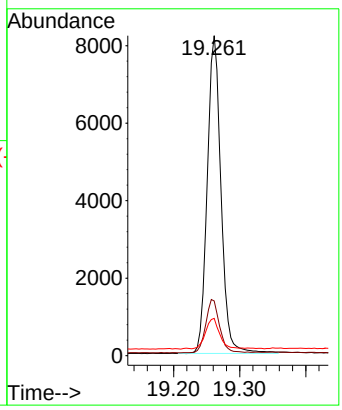


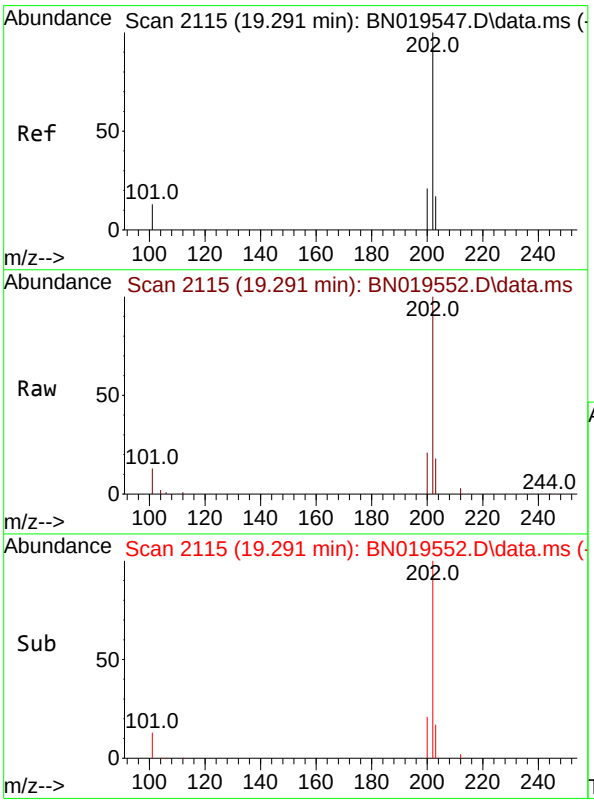
#27
Fluoranthene-d10
Concen: 0.387 ng
RT: 19.261 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:212 Resp: 11873

Ion	Ratio	Lower	Upper
212	100		
106	16.7	13.5	20.3
104	9.6	7.6	11.4

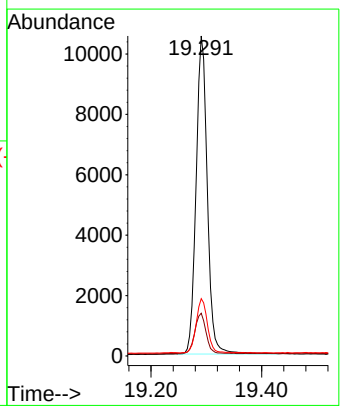


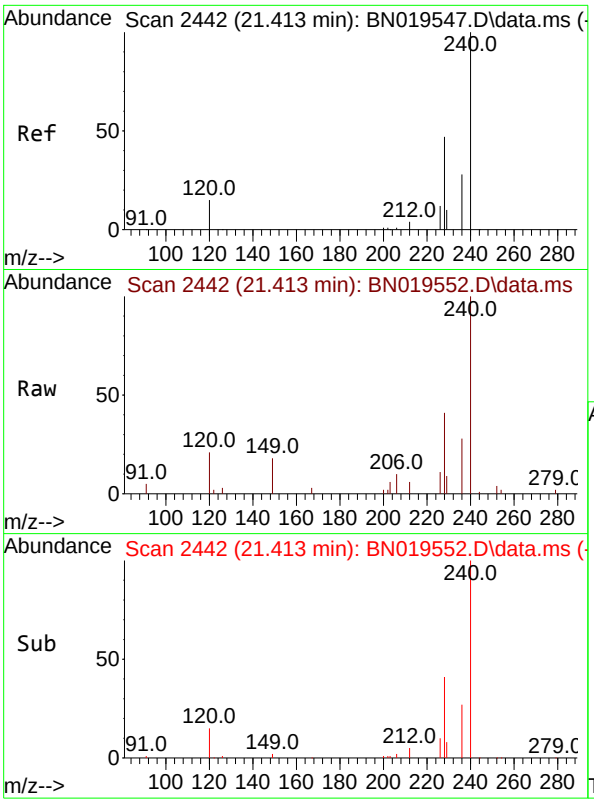


#28
Fluoranthene
Concen: 0.381 ng
RT: 19.291 min Scan# 2115
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:202 Resp: 14834

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.6	15.8
203	16.9	13.6	20.4



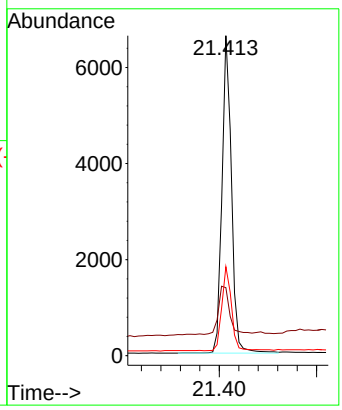


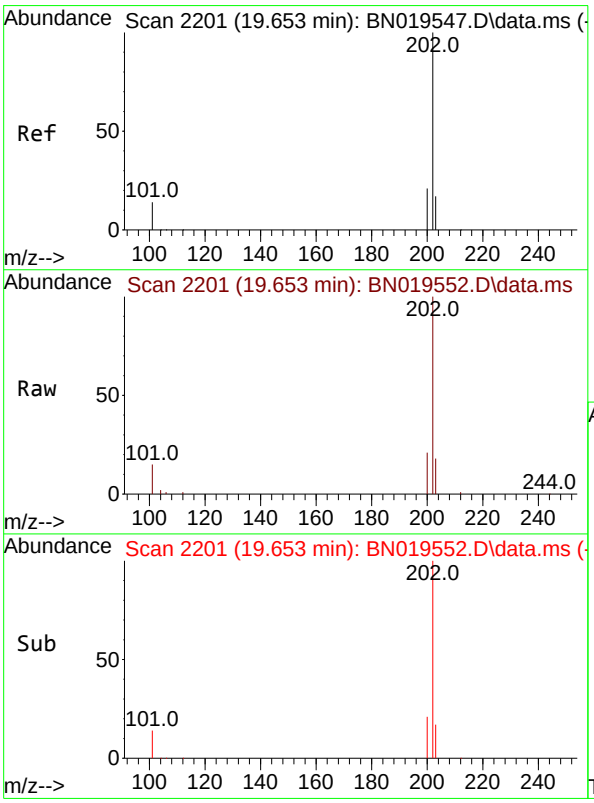
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.413 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:240 Resp: 8966

Ion	Ratio	Lower	Upper
240	100		
120	21.3	17.4	26.2
236	27.8	23.0	34.4

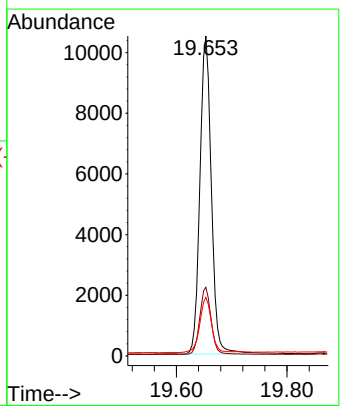


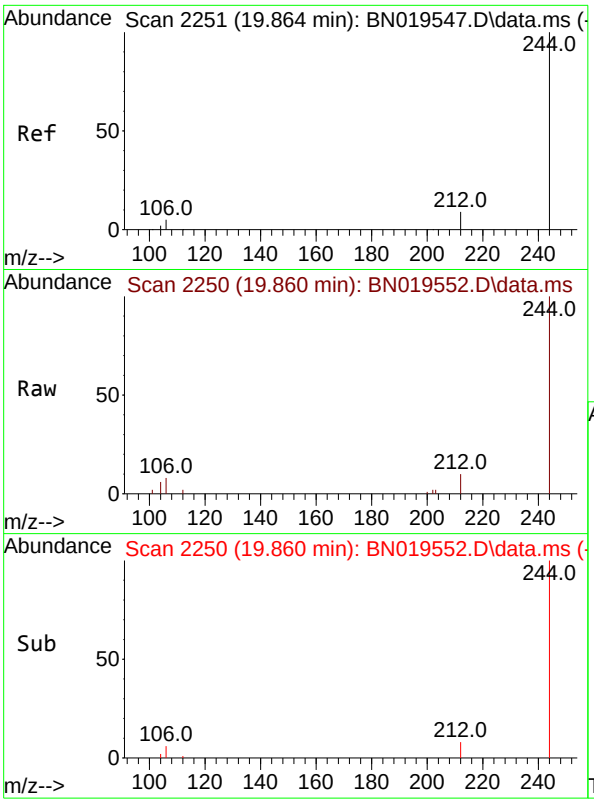


#30
Pyrene
Concen: 0.411 ng
RT: 19.653 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:202 Resp: 15121

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.8	14.2	21.4



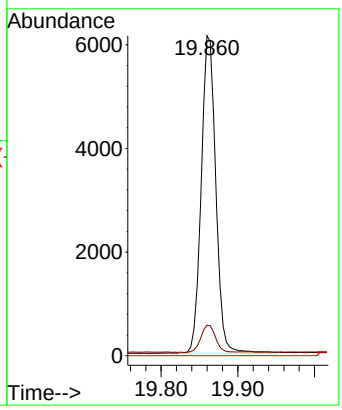


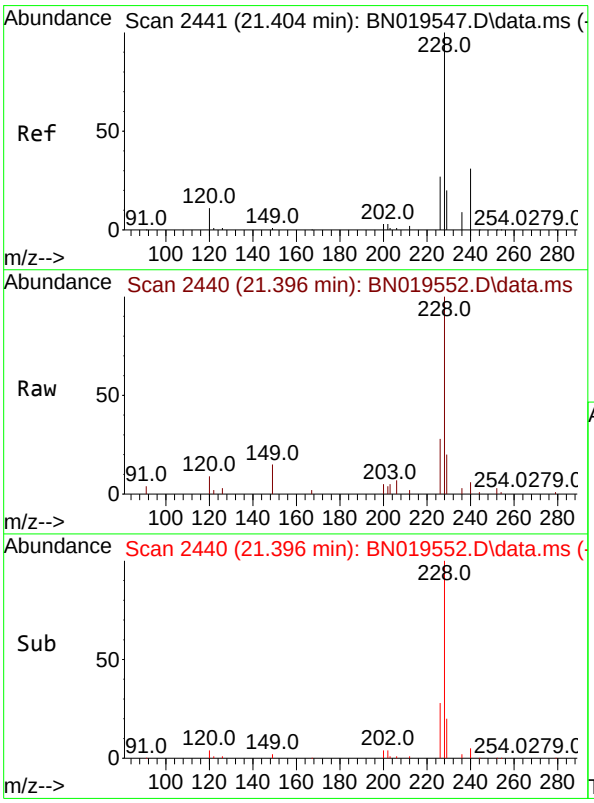
#31
Terphenyl-d14
Concen: 0.410 ng
RT: 19.860 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:244 Resp: 8081

Ion	Ratio	Lower	Upper
244	100		
212	9.5	7.6	11.4
122	0.0	0.0	0.0

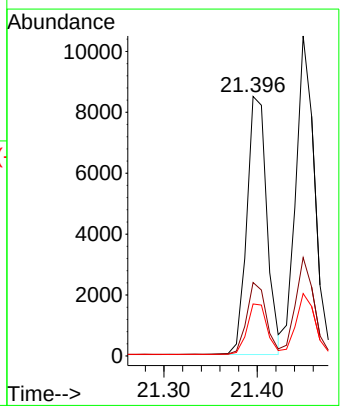


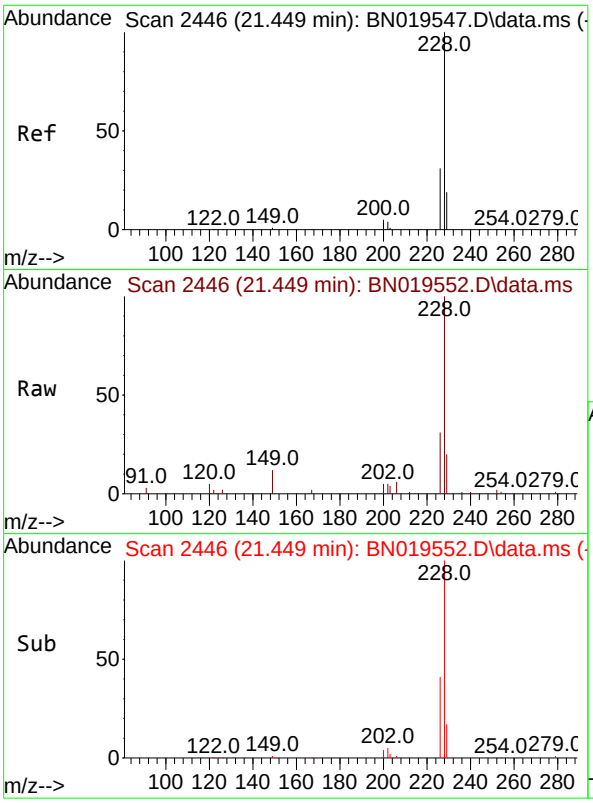


#32
Benzo(a)anthracene
Concen: 0.391 ng
RT: 21.396 min Scan# 2440
Delta R.T. -0.009 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:228 Resp: 12653

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.6	32.4
229	20.0	16.5	24.7



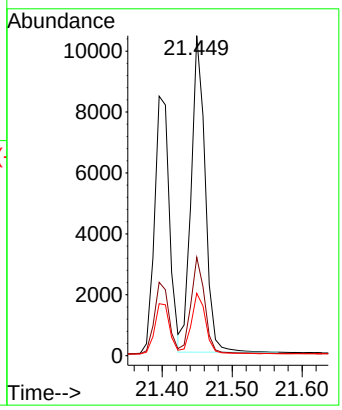


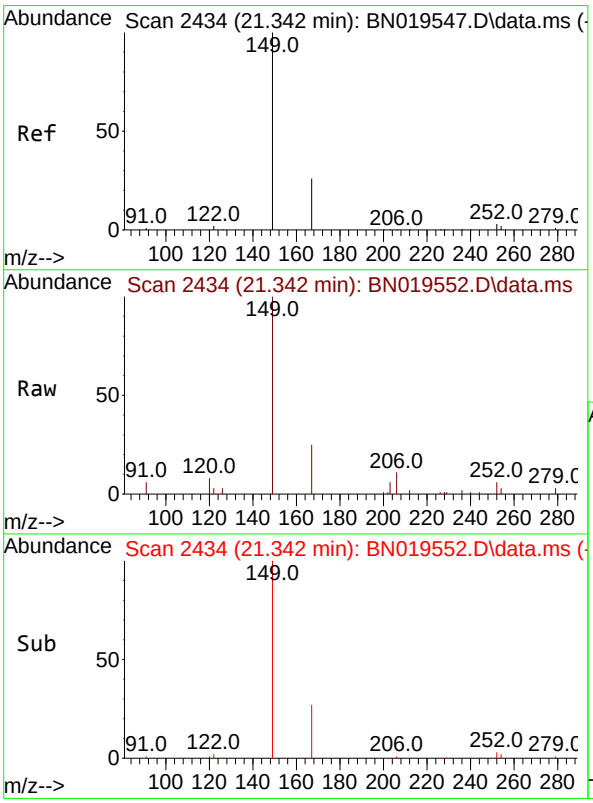
#33
Chrysene
Concen: 0.410 ng
RT: 21.449 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:228 Resp: 14477

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.6	36.8
229	19.5	15.9	23.9

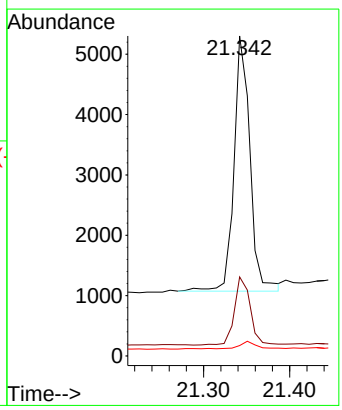


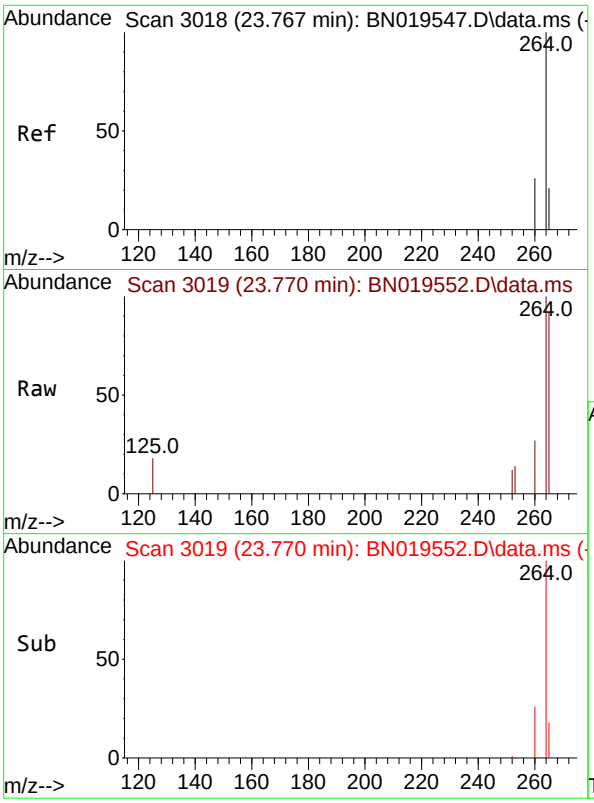


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.369 ng
RT: 21.342 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:149 Resp: 5460

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.7	32.5
279	3.8	2.8	4.2



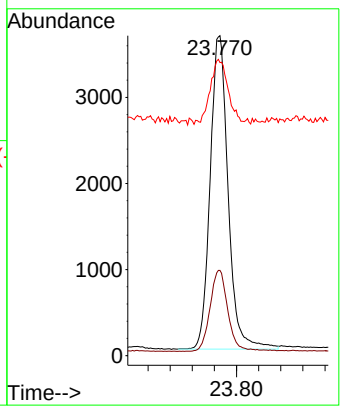


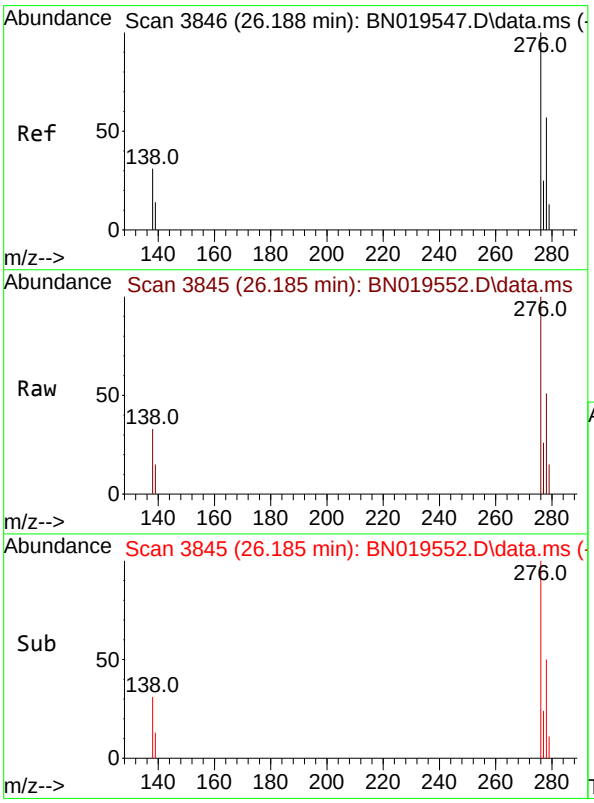
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.770 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:264 Resp: 8206

Ion	Ratio	Lower	Upper
264	100		
260	26.7	21.0	31.6
265	91.6	67.9	101.9

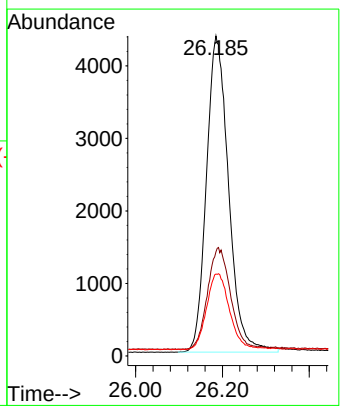


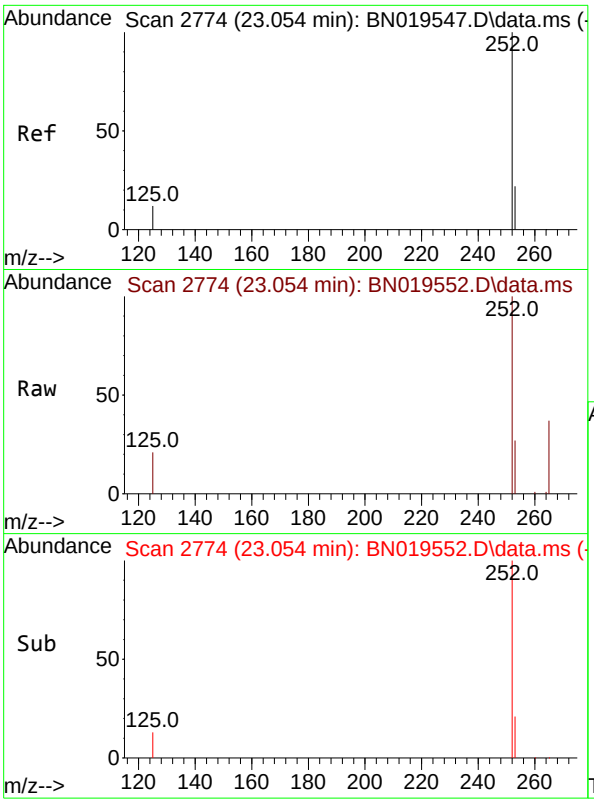


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 26.185 min Scan# 3845
Delta R.T. -0.003 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:276 Resp: 15462

Ion	Ratio	Lower	Upper
276	100		
138	33.1	26.6	40.0
277	24.9	20.0	30.0



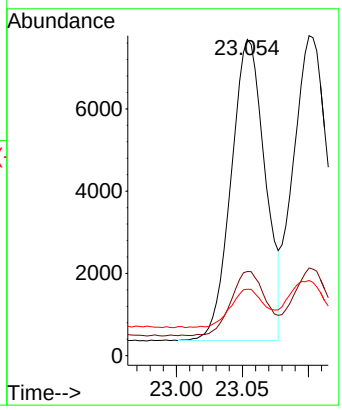


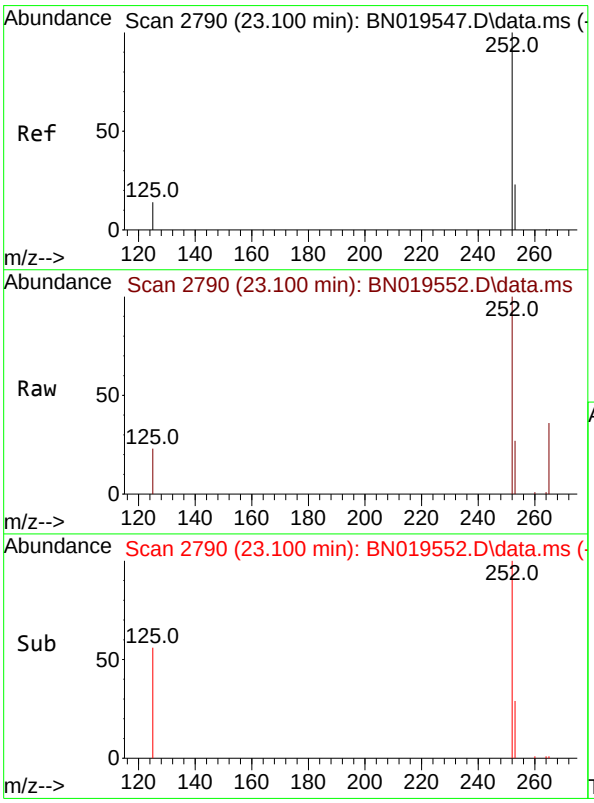
#37
Benzo(b)fluoranthene
Concen: 0.391 ng
RT: 23.054 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:252 Resp: 13114

Ion	Ratio	Lower	Upper
252	100		
253	26.6	21.2	31.8
125	21.0	15.9	23.9

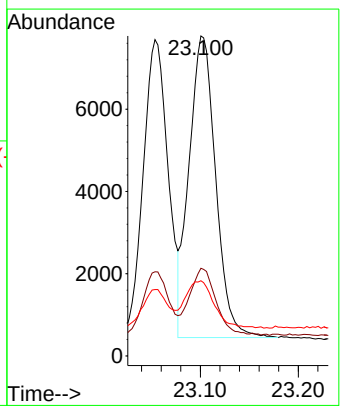


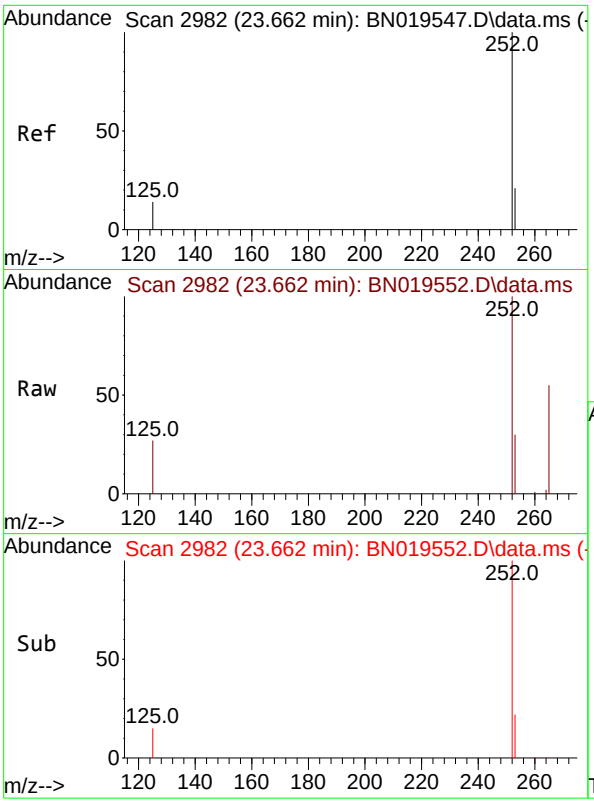


#38
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 23.100 min Scan# 2790
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:252 Resp: 13847

Ion	Ratio	Lower	Upper
252	100		
253	27.4	21.7	32.5
125	23.5	17.0	25.4



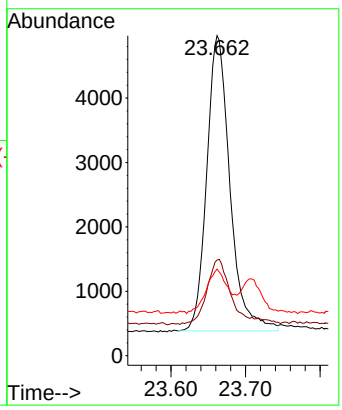


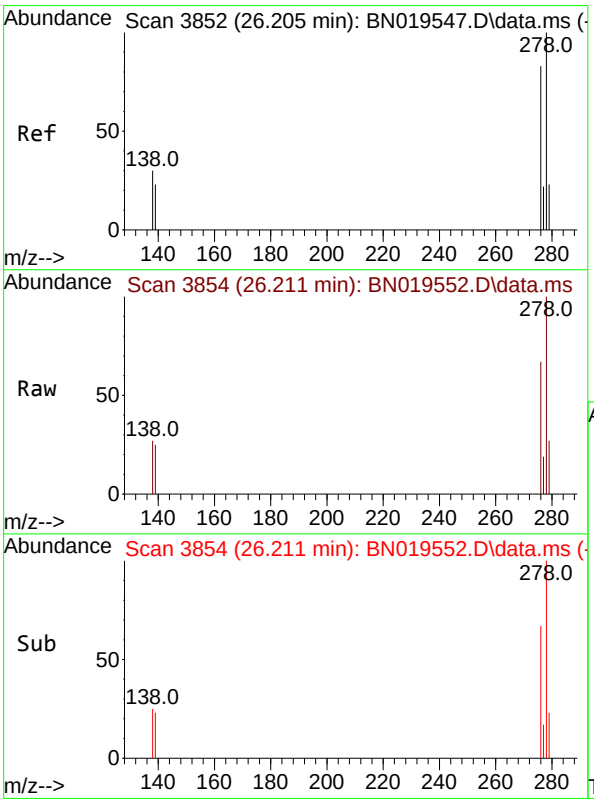
#39
Benzo(a)pyrene
Concen: 0.380 ng
RT: 23.662 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:252 Resp: 9930

Ion	Ratio	Lower	Upper
252	100		
253	29.9	23.1	34.7
125	27.1	20.4	30.6

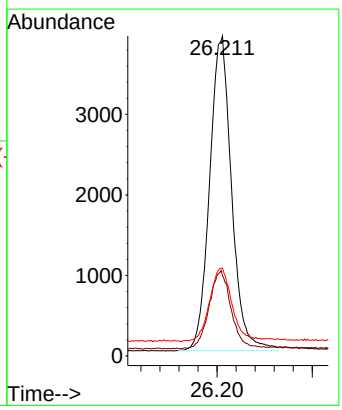


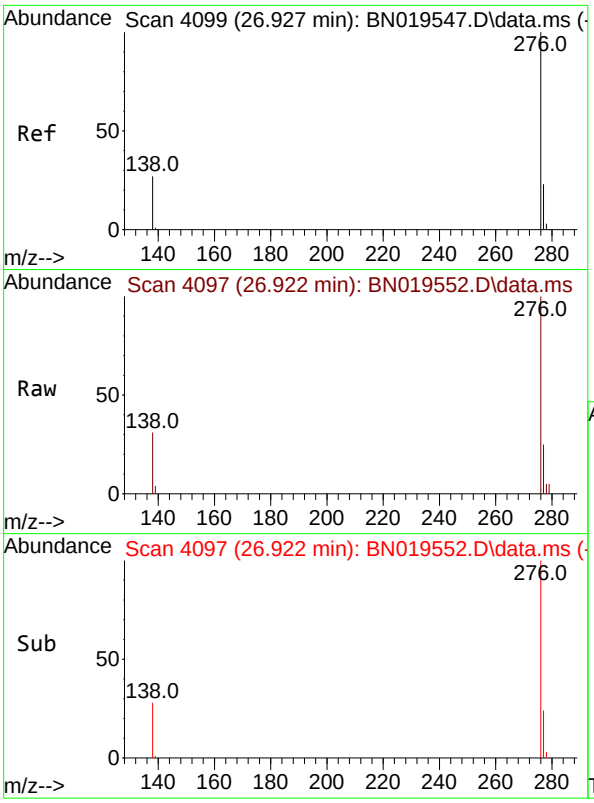


#40
Dibenzo(a,h)anthracene
Concen: 0.391 ng
RT: 26.211 min Scan# 3854
Delta R.T. 0.006 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Tgt Ion:278 Resp: 12534

Ion	Ratio	Lower	Upper
278	100		
139	25.1	19.4	29.2
279	27.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 0.393 ng
RT: 26.922 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019552.D
Acq: 27 Apr 2022 19:29

Instrument :
BNA_N
ClientSampleId :
ICVBN042822

Tgt Ion:276 Resp: 13340

Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.2	30.2
138	30.6	23.5	35.3