Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019663.D
Acq On : 04 May 2022 14:01
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: May 04 14:49:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 14:30:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	6237	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	16571	0.400	ng		# 0.01
13) Acenaphthene-d10	14.484	164	9277	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	17822	0.400	ng		0.00
29) Chrysene-d12	21.404	240	15261	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	11397	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	44066	2.862	ng		0.00
5) Phenol-d6	7.024	99	55196	2.996	ng		0.00
8) Nitrobenzene-d5	9.003	82	42390	3.598	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	86332	3.357	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	11859	3.995	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	123869	3.119	ng		0.01
27) Fluoranthene-d10	19.249	212	162877	3.210	ng		0.00
31) Terphenyl-d14	19.847	244	111904	3.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	21464	2.944	ng		99
3) n-Nitrosodimethylamine	3.673	42	23779	4.178	ng	#	85
6) bis(2-Chloroethyl)ether	7.284	93	54451	3.468	ng		99
9) Naphthalene	10.701	128	148596	3.136	ng		99
10) Hexachlorobutadiene	11.000	225	28267	3.152	ng	#	100
12) 2-Methylnaphthalene	12.314	142	99262	3.332	ng		99
16) Acenaphthylene	14.196	152	150526	3.599	ng		99
17) Acenaphthene	14.538	154	99627	3.330	ng		96
18) Fluorene	15.521	166	120944	3.303	ng		99
21) 4-Bromophenyl-phenylether	16.415	248	38118	3.493	ng	#	78
22) Hexachlorobenzene	16.538	284	41002	3.216	ng		98
23) Atrazine	16.682	200	25408	3.930	ng	#	93
24) Pentachlorophenol	16.867	266	17263	4.011	ng		95
25) Phenanthrene	17.256	178	189175	3.174	ng		100
26) Anthracene	17.349	178	171885	3.483	ng		99
28) Fluoranthene	19.278	202	203938	3.165	ng		99
30) Pyrene	19.641	202	201371	3.219	ng		100
32) Benzo(a)anthracene	21.387	228	179555	3.262	ng		99
33) Chrysene	21.440	228	185335	3.081	ng		98
34) Bis(2-ethylhexyl)phtha...	21.333	149	92808	3.686	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.156	276	169890	3.103	ng		99
37) Benzo(b)fluoranthene	23.036	252	155778	3.348	ng	#	88
38) Benzo(k)fluoranthene	23.083	252	163405	3.485	ng	#	86
39) Benzo(a)pyrene	23.644	252	122503	3.379	ng	#	83
40) Dibenzo(a,h)anthracene	26.170	278	138534	3.109	ng		94
41) Benzo(g,h,i)perylene	26.890	276	138005	2.924	ng		97

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

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Data File : BN019663.D
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Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
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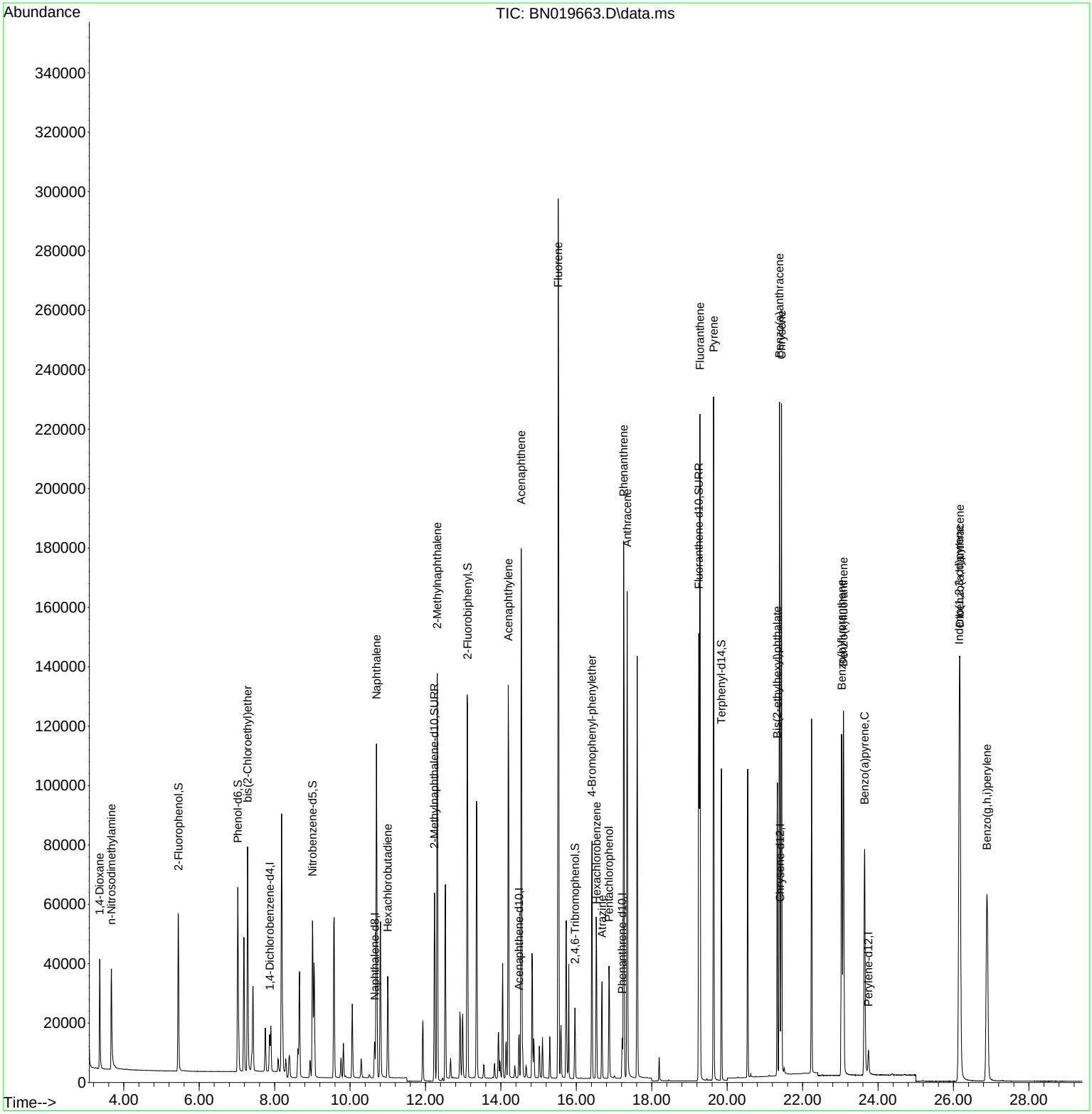
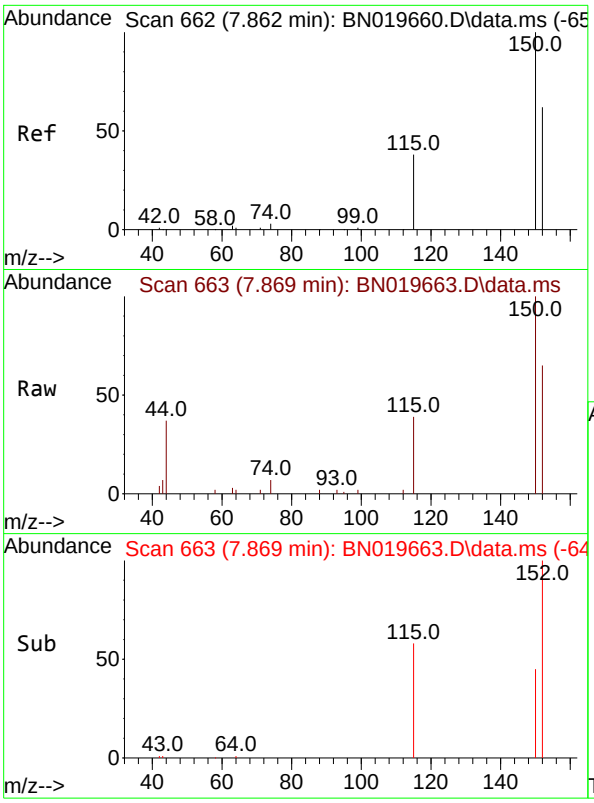
Quant Time: May 04 14:49:56 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN050422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 04 14:30:32 2022
Response via : Initial Calibration



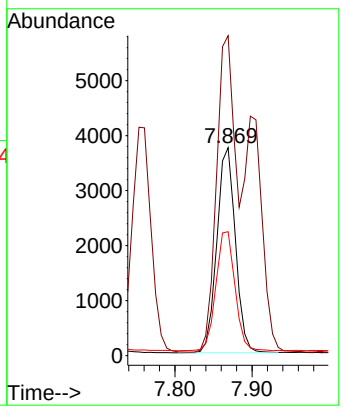


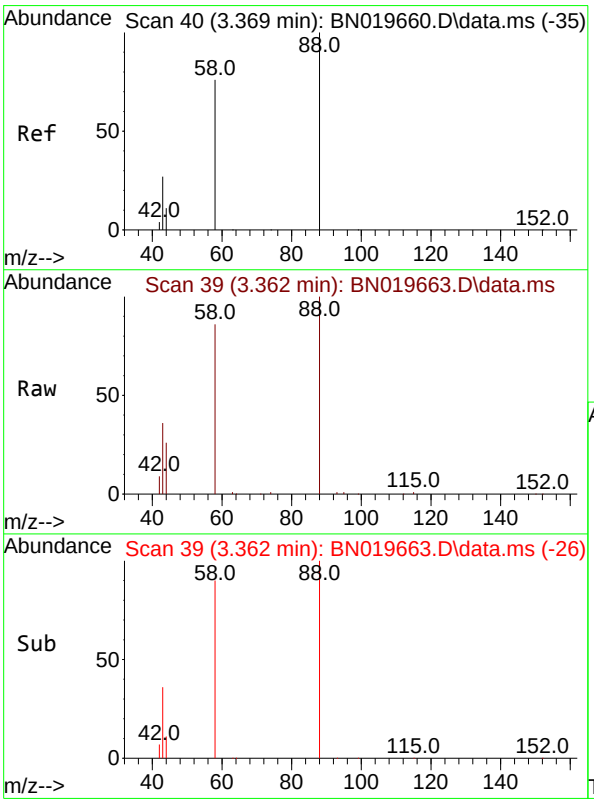
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 6237

Ion	Ratio	Lower	Upper
152	100		
150	153.9	122.6	183.8
115	59.6	49.0	73.6

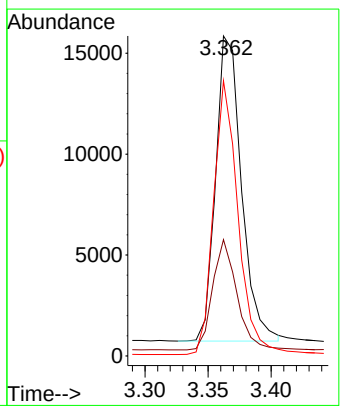


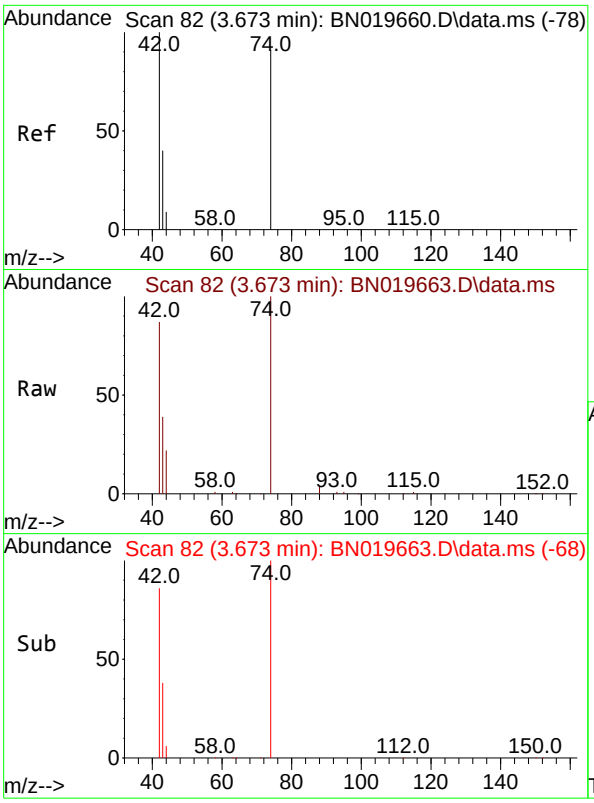


#2
1,4-Dioxane
Concen: 2.944 ng
RT: 3.362 min Scan# 39
Delta R.T. -0.007 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion: 88 Resp: 21464

Ion	Ratio	Lower	Upper
88	100		
43	33.9	25.2	37.8
58	84.5	67.6	101.4



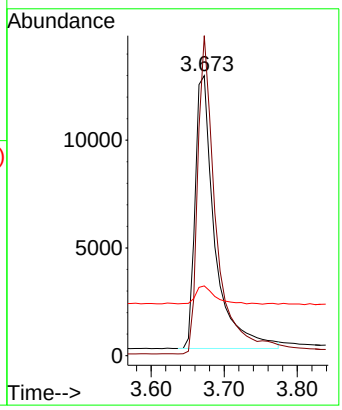


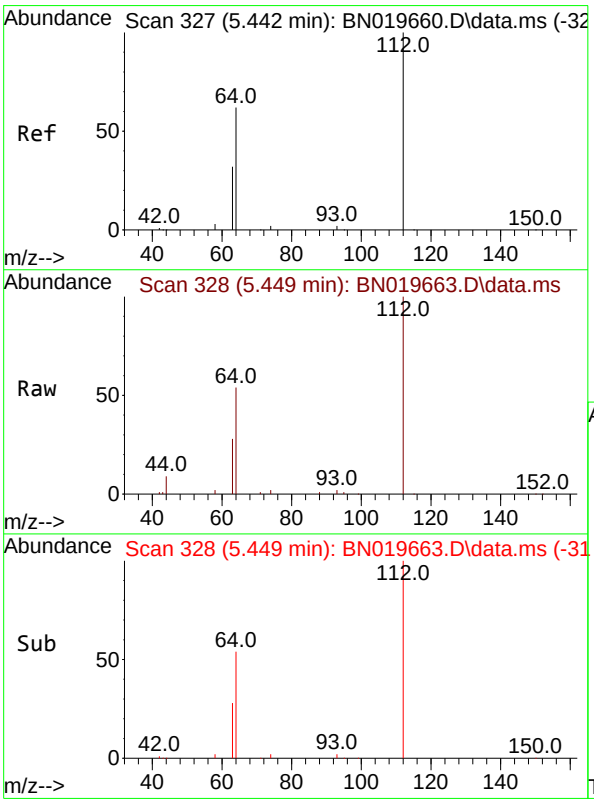
#3
n-Nitrosodimethylamine
Concen: 4.178 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 23779

Ion	Ratio	Lower	Upper
42	100		
74	109.5	101.8	152.6
44	6.5	8.4	12.6#

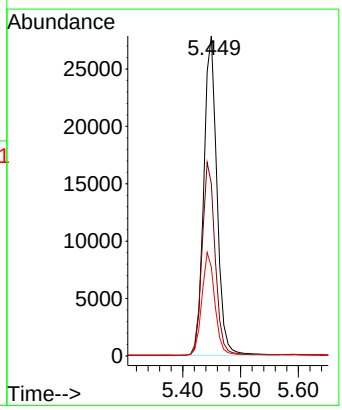


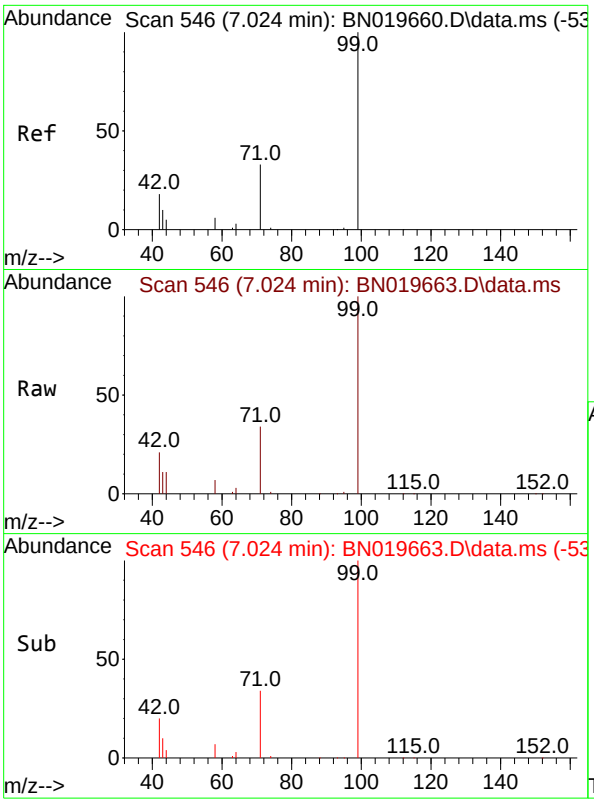


#4
2-Fluorophenol
Concen: 2.862 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:112 Resp: 44066

Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.3	70.9
63	31.8	24.6	36.8



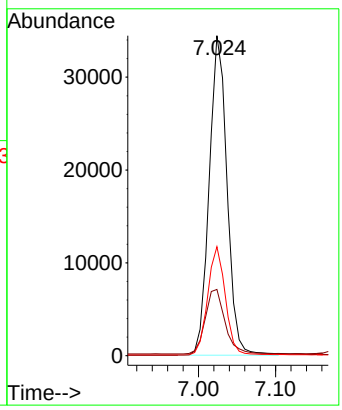


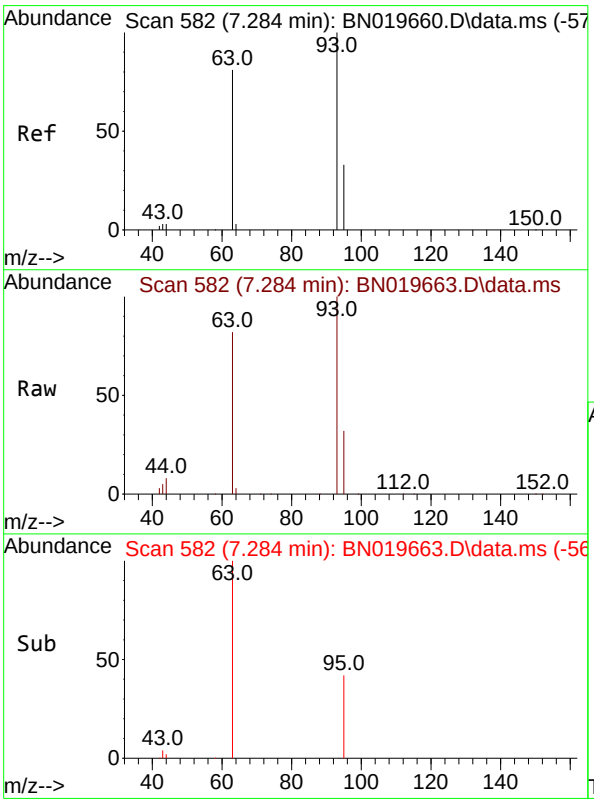
#5
Phenol-d6
Concen: 2.996 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99 Resp: 55196

Ion	Ratio	Lower	Upper
99	100		
42	22.3	15.8	23.8
71	33.6	26.5	39.7

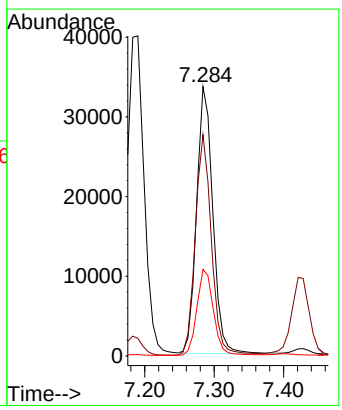


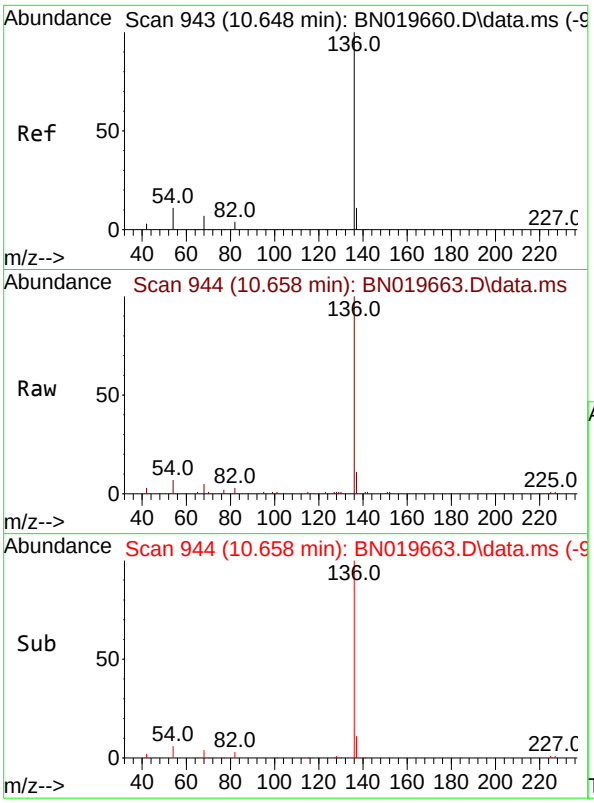


#6
bis(2-Chloroethyl)ether
Concen: 3.468 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion: 93 Resp: 54451

Ion	Ratio	Lower	Upper
93	100		
63	81.9	65.8	98.8
95	32.9	27.4	41.2



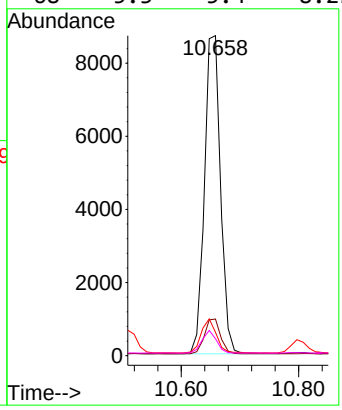


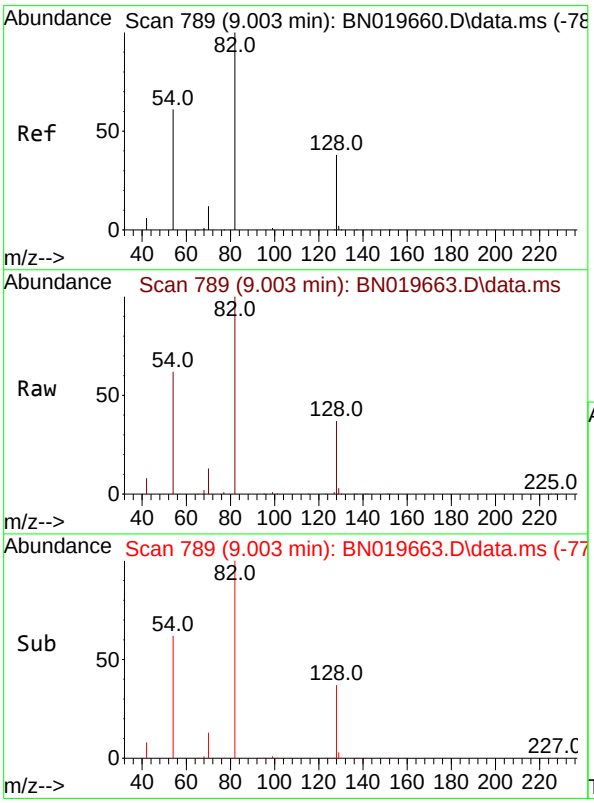
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 16571

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.3	7.8	11.6#
68	5.3	5.4	8.2#

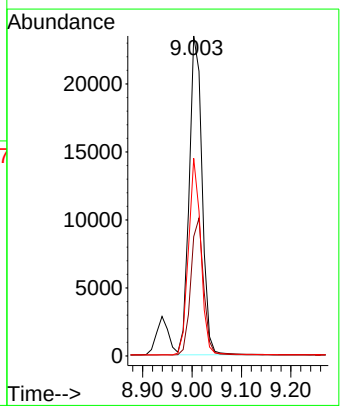


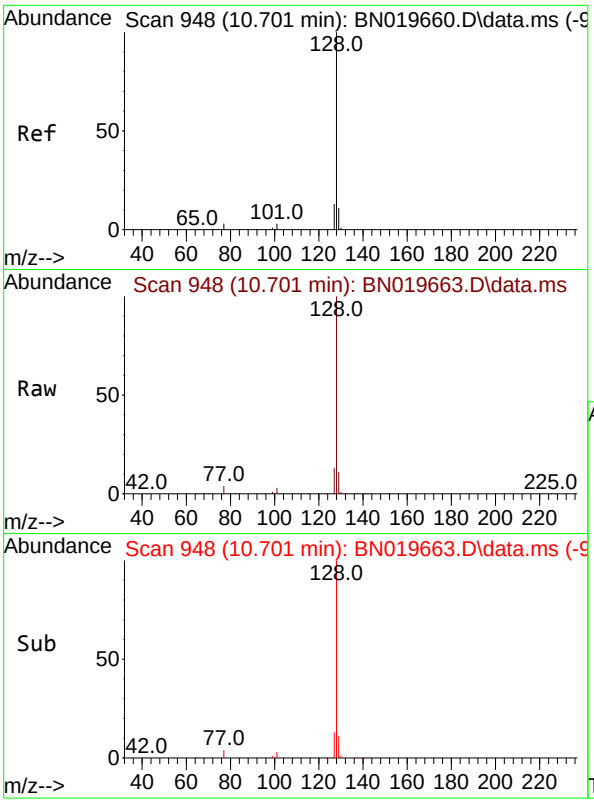


#8
Nitrobenzene-d5
Concen: 3.598 ng
RT: 9.003 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion: 82 Resp: 42390

Ion	Ratio	Lower	Upper
82	100		
128	37.3	32.4	48.6
54	61.8	44.4	66.6



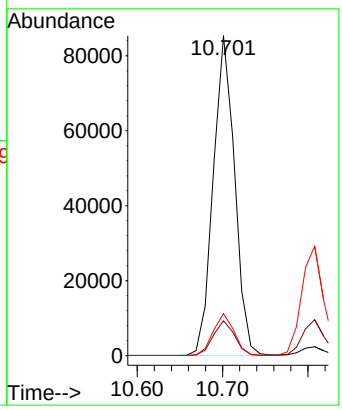


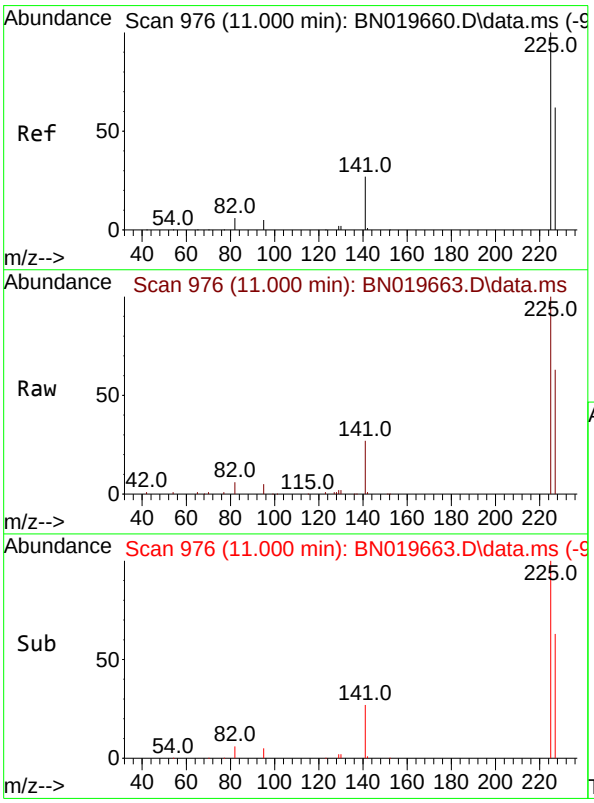
#9
Naphthalene
Concen: 3.136 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 148596

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.1	10.8	16.2

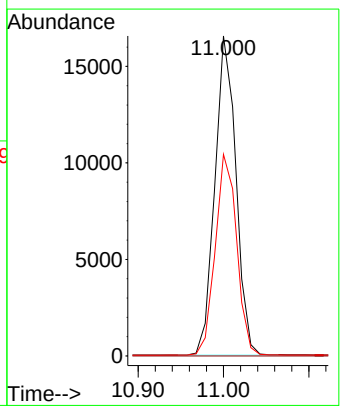


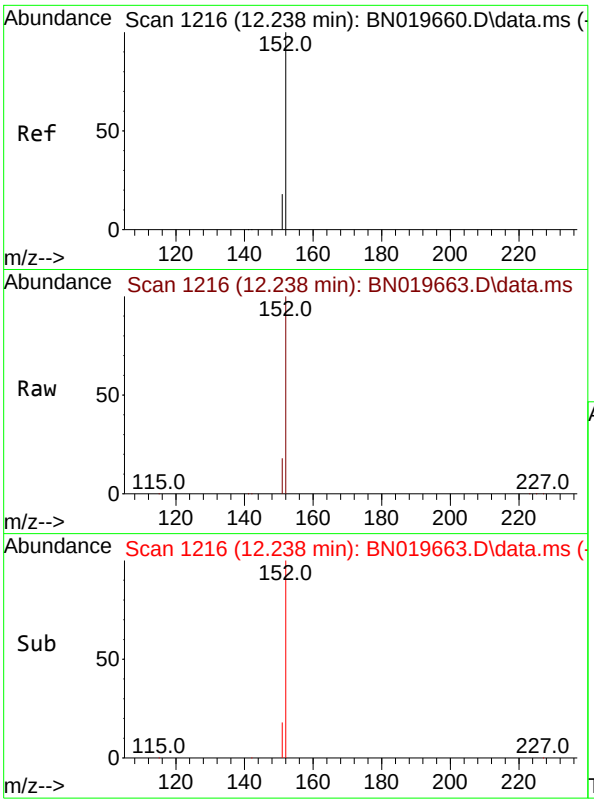


#10
Hexachlorobutadiene
Concen: 3.152 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:225 Resp: 28267

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.8	76.2



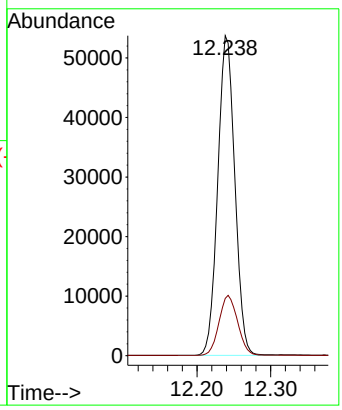


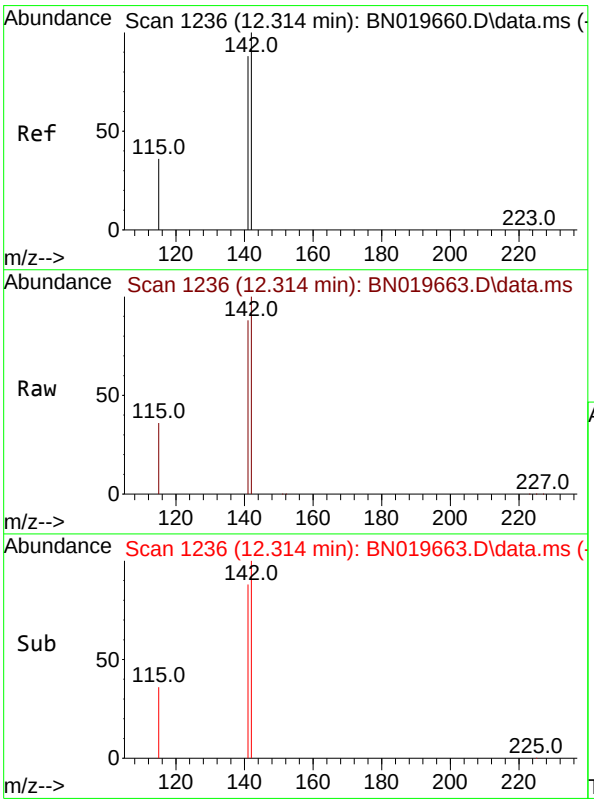
#11
2-Methylnaphthalene-d10
Concen: 3.357 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 86332

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4

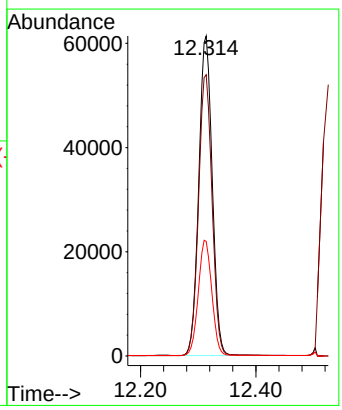


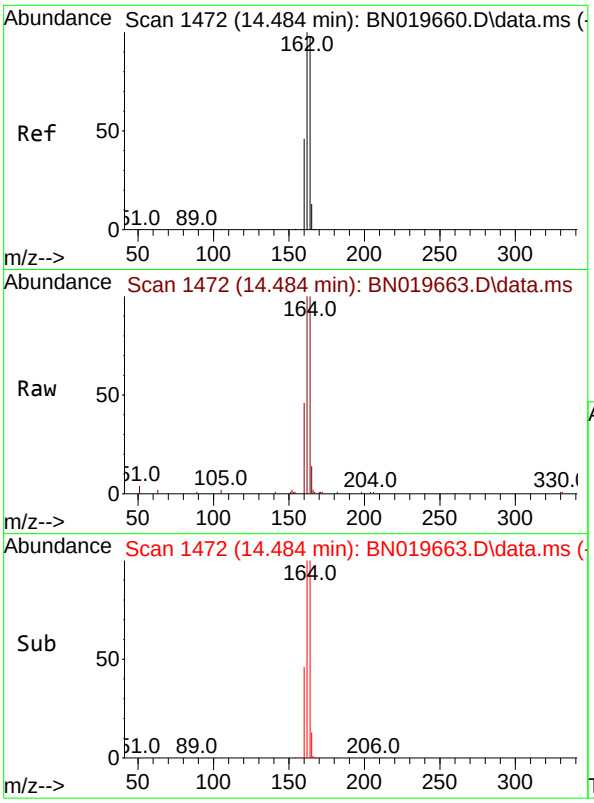


#12
2-Methylnaphthalene
Concen: 3.332 ng
RT: 12.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:142 Resp: 99262

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.0	106.6
115	35.8	29.6	44.4



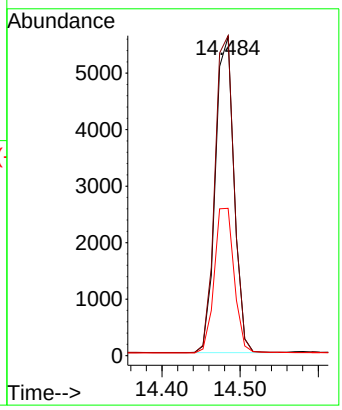


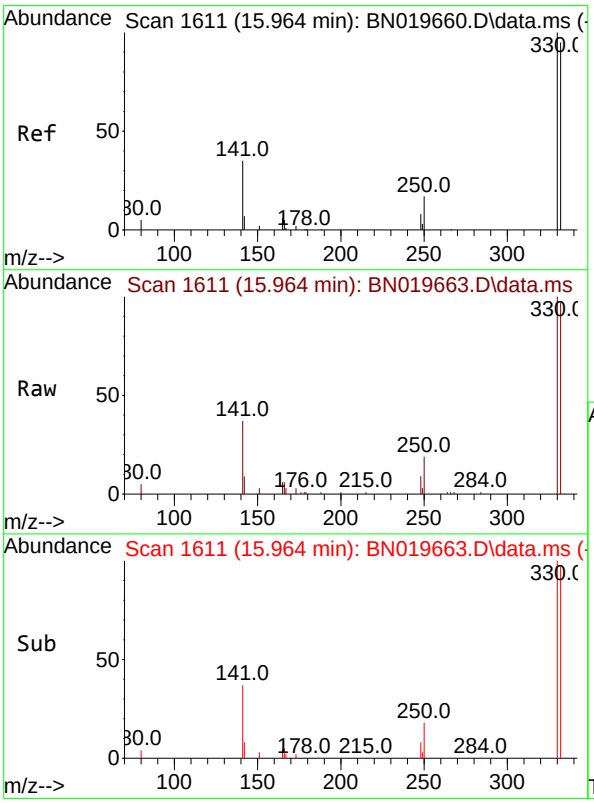
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 9277

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.8	122.6
160	46.2	38.3	57.5

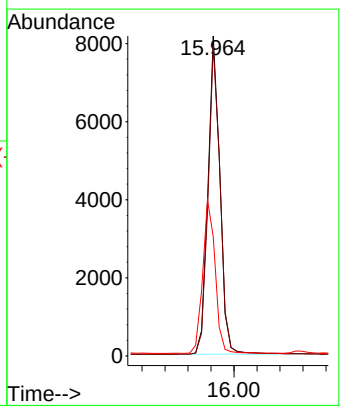


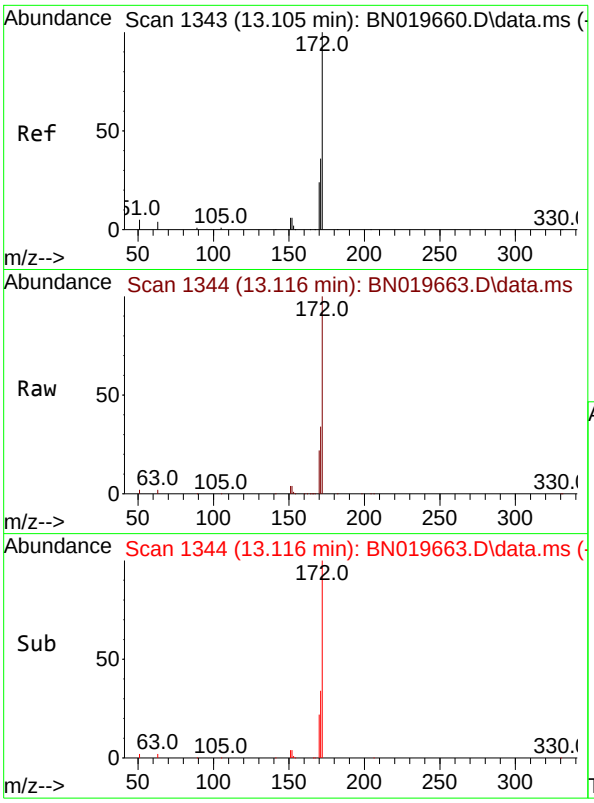


#14
2,4,6-Tribromophenol
Concen: 3.995 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:330 Resp: 11859

Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.2	114.4
141	50.2	39.7	59.5



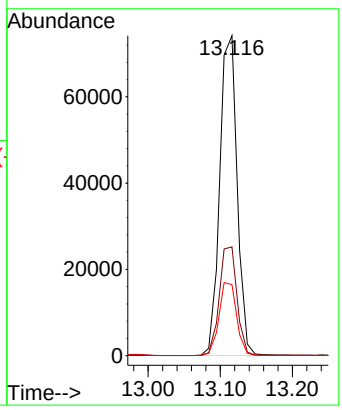


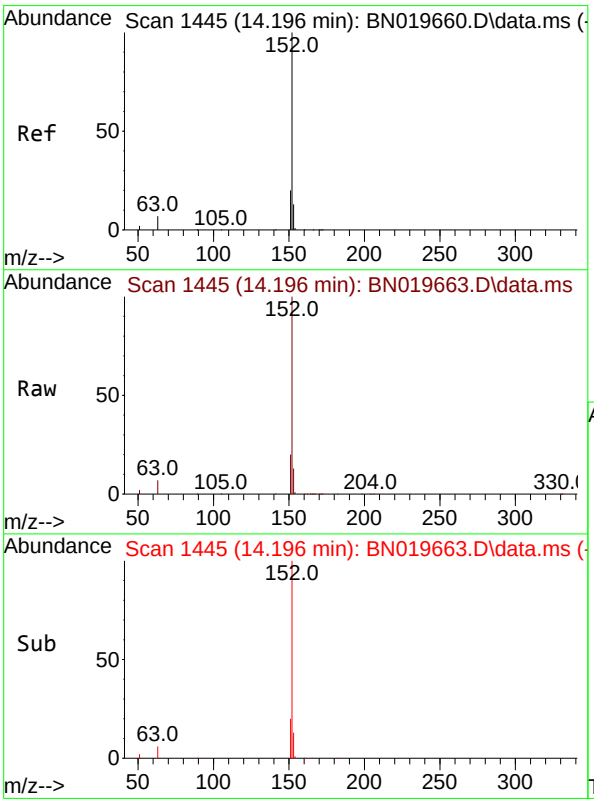
#15
2-Fluorobiphenyl
Concen: 3.119 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 123869

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.0	42.0
170	22.2	19.0	28.4

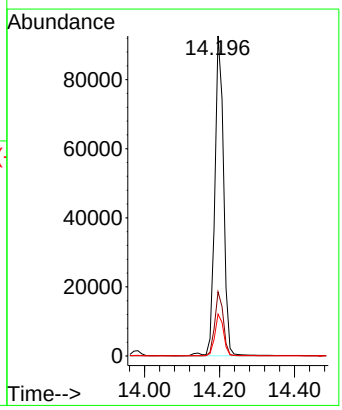


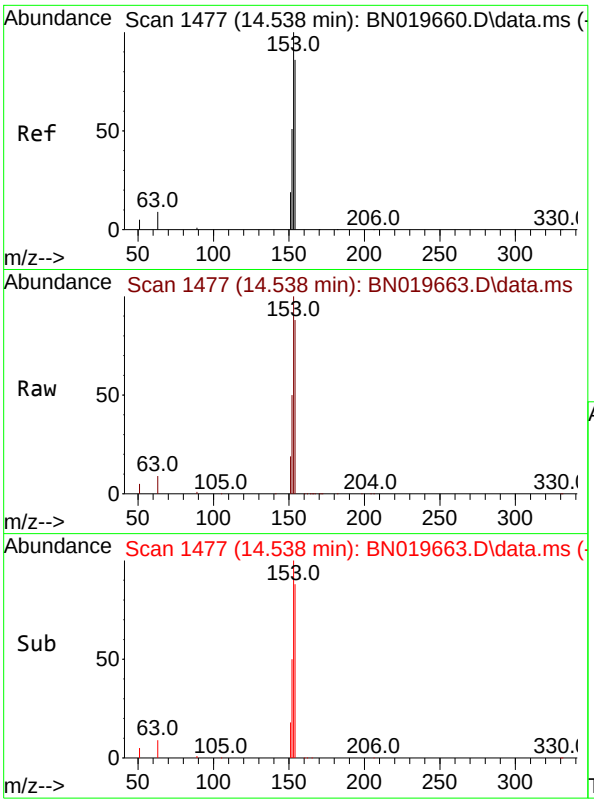


#16
Acenaphthylene
Concen: 3.599 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:152 Resp: 150526

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.2	24.4
153	13.0	10.5	15.7



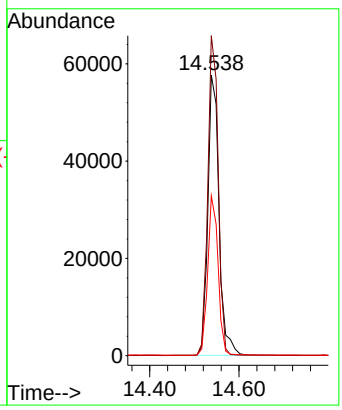


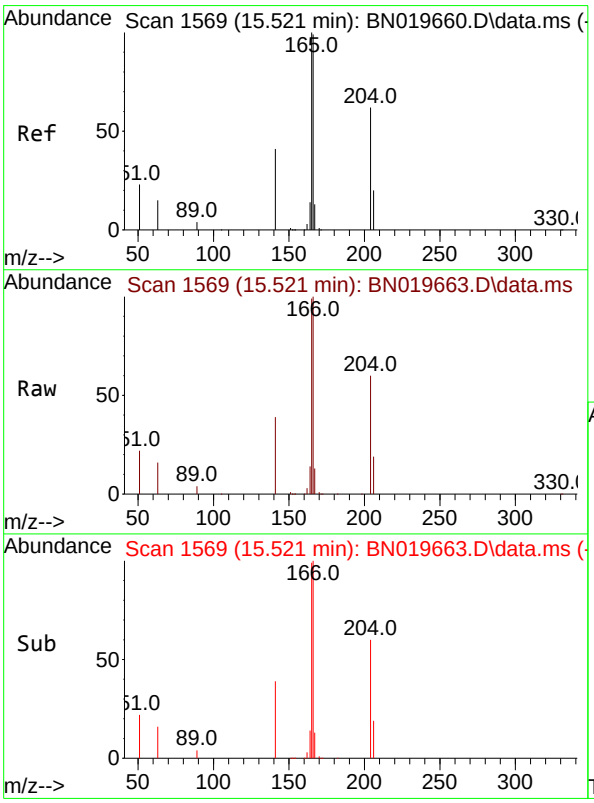
#17
Acenaphthene
Concen: 3.330 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 99627

Ion	Ratio	Lower	Upper
154	100		
153	106.7	89.3	133.9
152	52.9	44.1	66.1

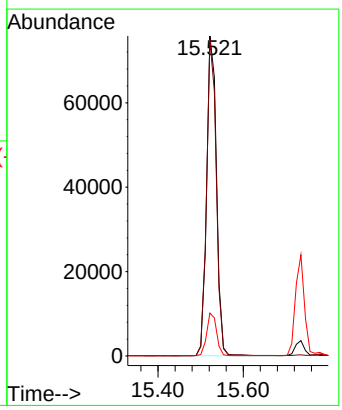


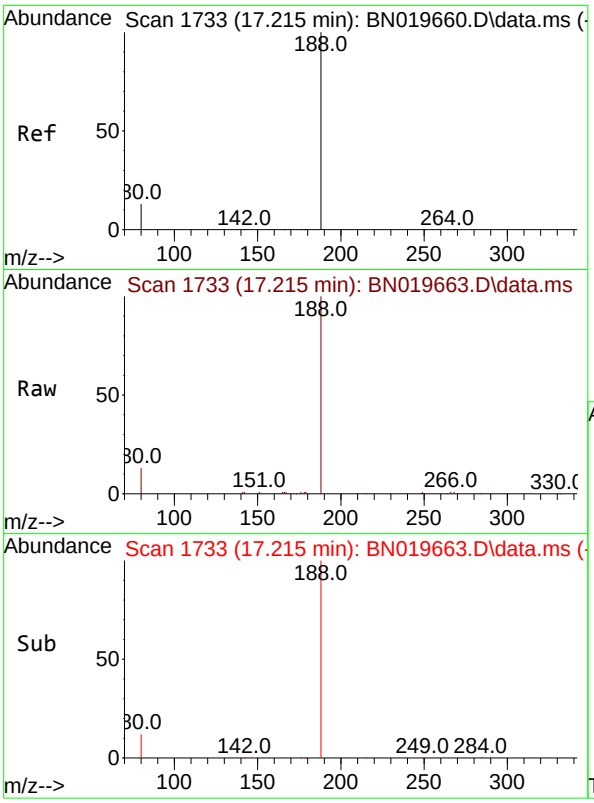


#18
Fluorene
Concen: 3.303 ng
RT: 15.521 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:166 Resp: 120944

Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.1	118.7
167	13.5	10.7	16.1





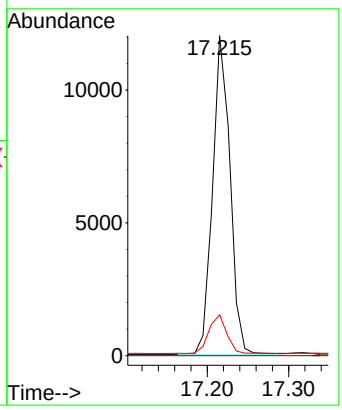
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1

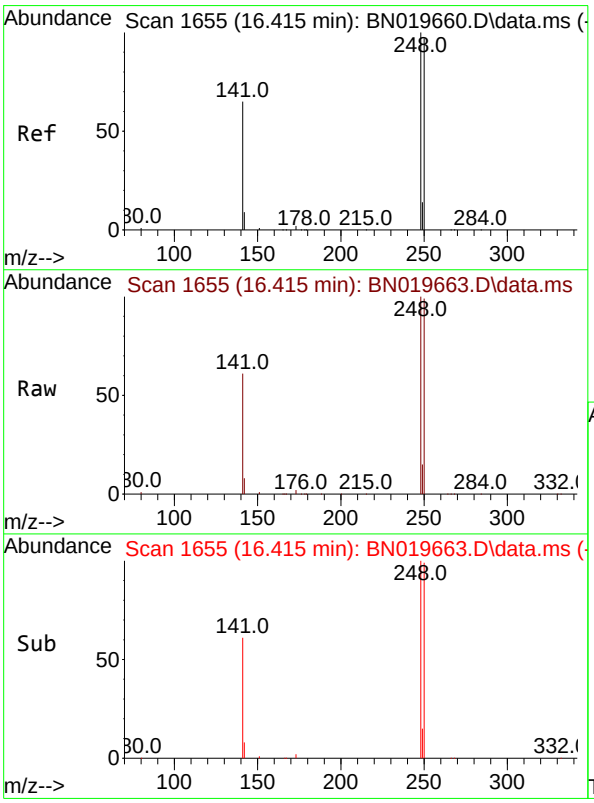
Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:188 Resp: 17822

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	8.6	12.8

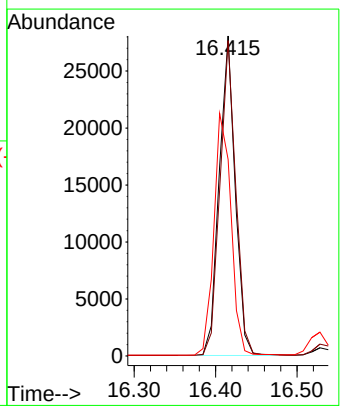


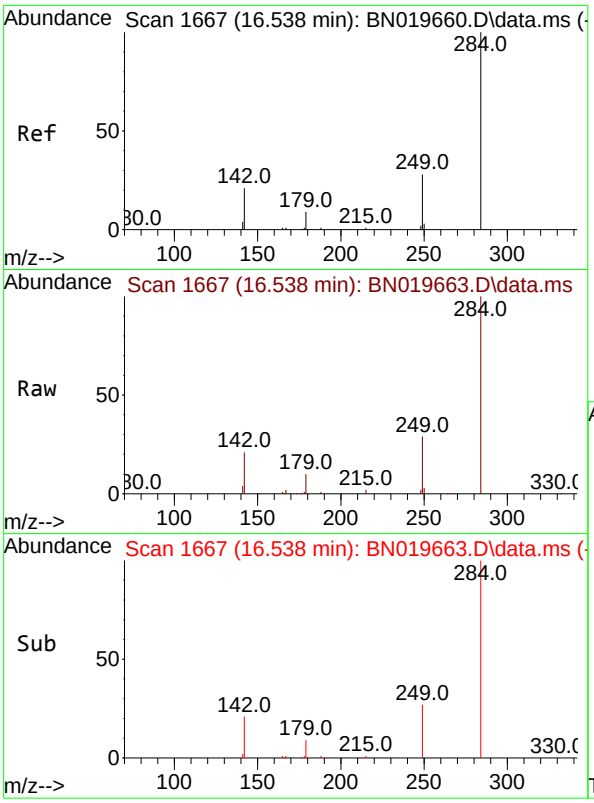


#21
4-Bromophenyl-phenylether
Concen: 3.493 ng
RT: 16.415 min Scan# 1655
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:248 Resp: 38118

Ion	Ratio	Lower	Upper
248	100		
250	98.6	75.5	113.3
141	61.4	79.9	119.9#



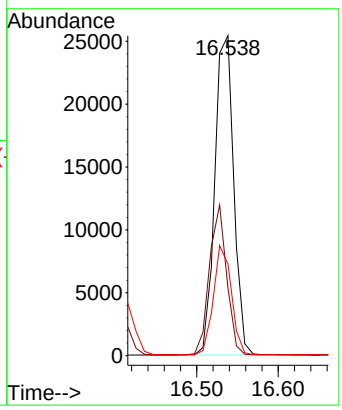


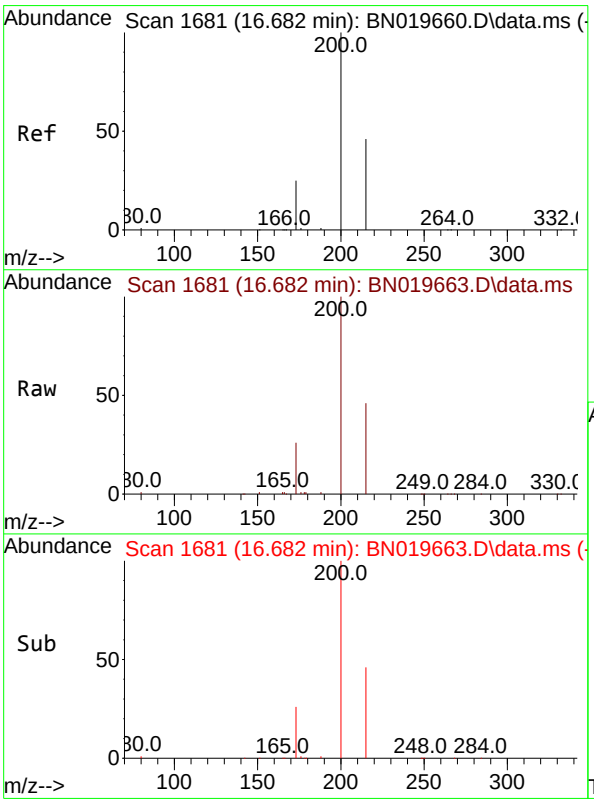
#22
Hexachlorobenzene
Concen: 3.216 ng
RT: 16.538 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 41002

Ion	Ratio	Lower	Upper
284	100		
142	42.9	33.2	49.8
249	32.5	26.4	39.6

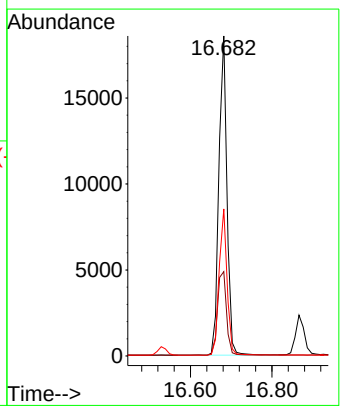


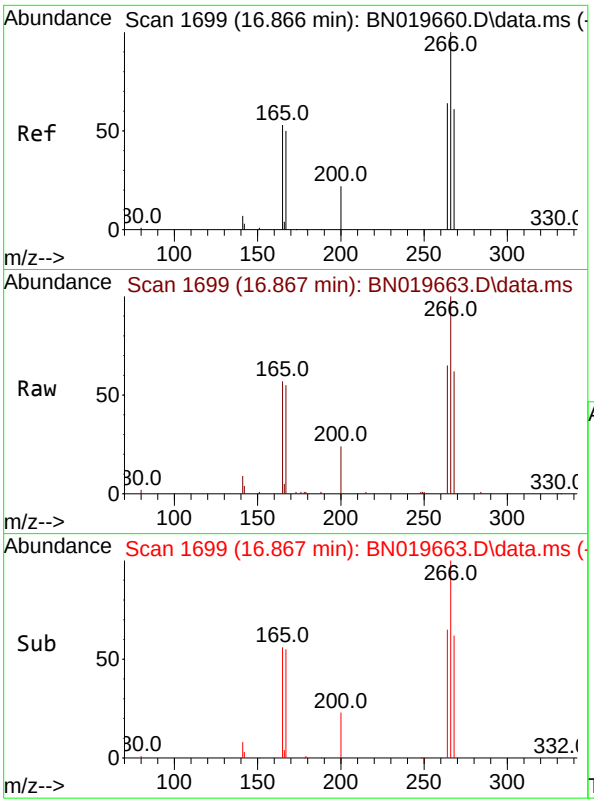


#23
Atrazine
Concen: 3.930 ng
RT: 16.682 min Scan# 1681
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:200 Resp: 25408

Ion	Ratio	Lower	Upper
200	100		
173	26.4	28.5	42.7#
215	46.0	37.0	55.4



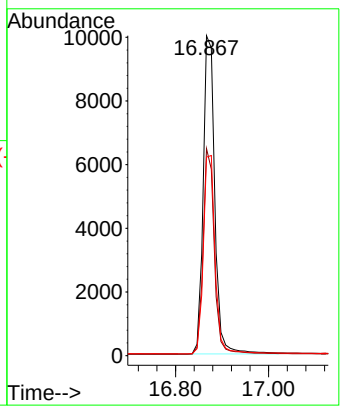


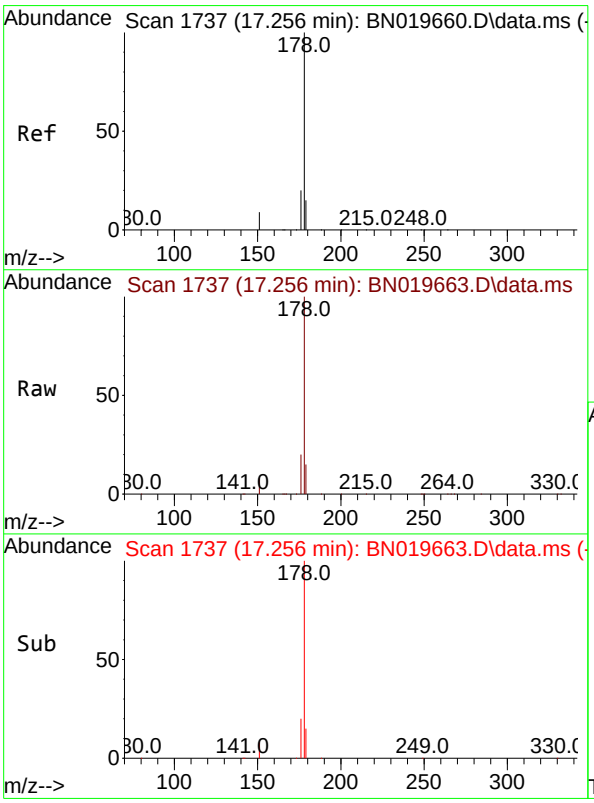
#24
Pentachlorophenol
Concen: 4.011 ng
RT: 16.867 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:266 Resp: 17263

Ion	Ratio	Lower	Upper
266	100		
264	62.7	48.0	72.0
268	63.3	54.2	81.2

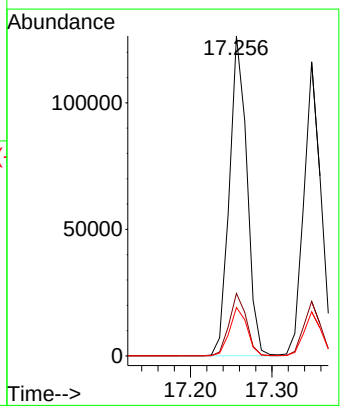


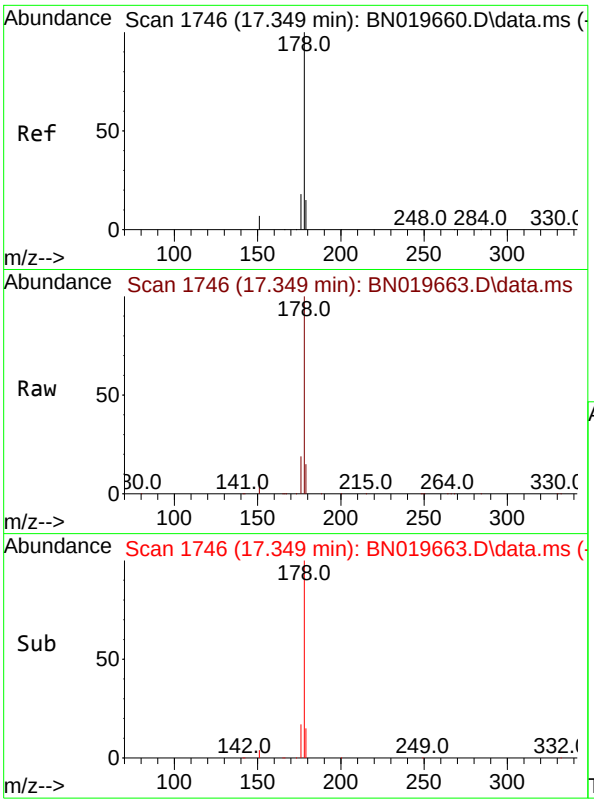


#25
Phenanthrene
Concen: 3.174 ng
RT: 17.256 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:178 Resp: 189175

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.2	12.1	18.1



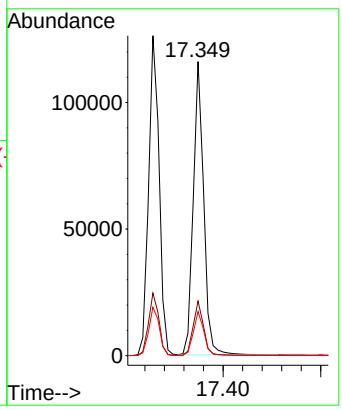


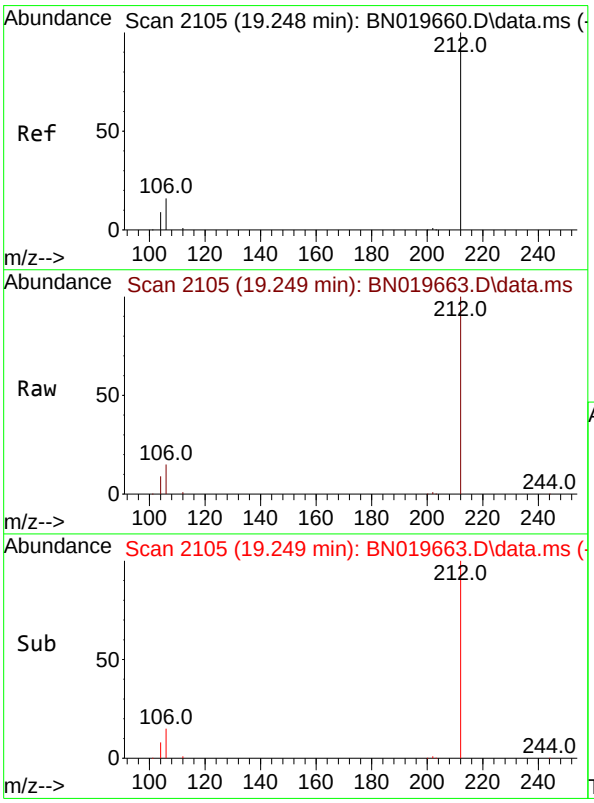
#26
Anthracene
Concen: 3.483 ng
RT: 17.349 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 171885

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.3	21.5
179	15.1	12.2	18.4

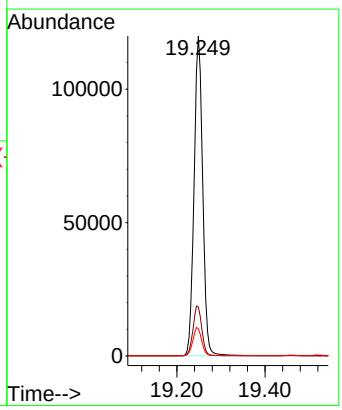


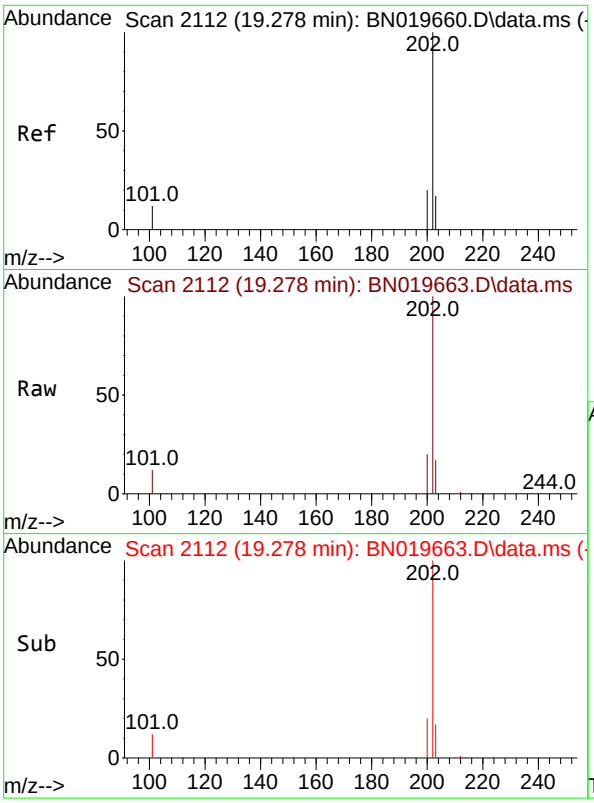


#27
Fluoranthene-d10
Concen: 3.210 ng
RT: 19.249 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:212 Resp: 162877

Ion	Ratio	Lower	Upper
212	100		
106	15.9	13.5	20.3
104	9.0	7.6	11.4



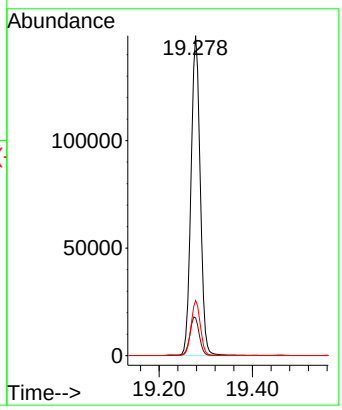


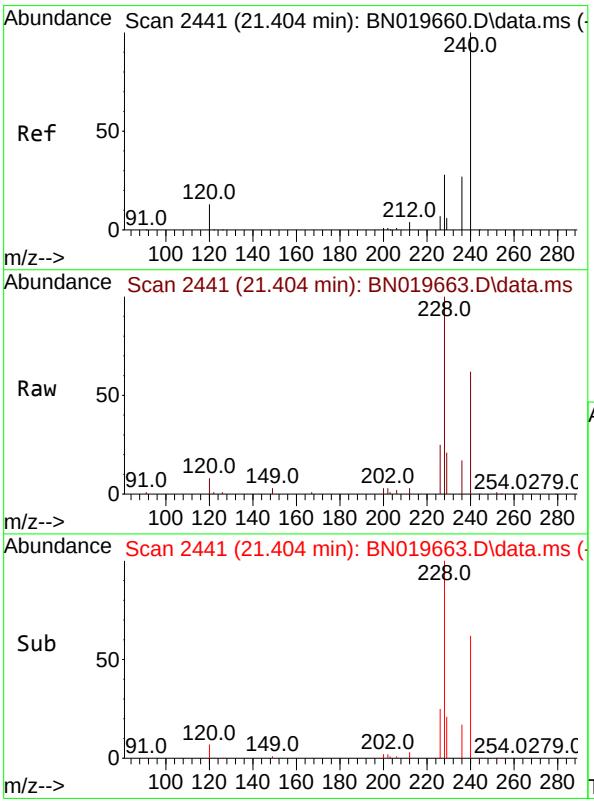
#28
Fluoranthene
Concen: 3.165 ng
RT: 19.278 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 203938

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.6	15.8
203	17.2	13.6	20.4

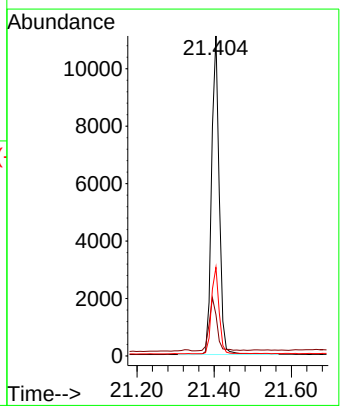


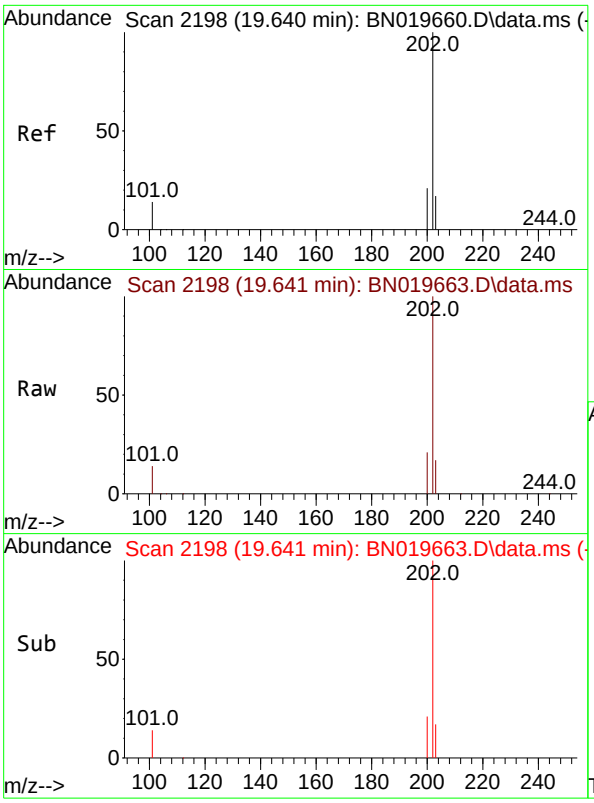


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.404 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:240 Resp: 15261

Ion	Ratio	Lower	Upper
240	100		
120	12.9	17.4	26.2#
236	27.7	23.0	34.4



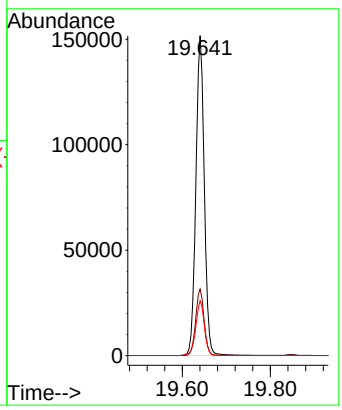


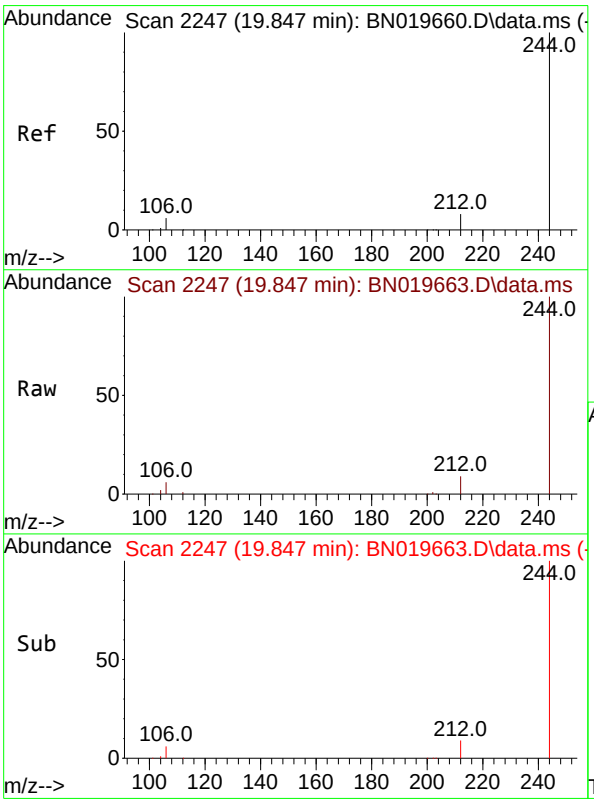
#30
Pyrene
Concen: 3.219 ng
RT: 19.641 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:202 Resp: 201371

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.6	14.2	21.4

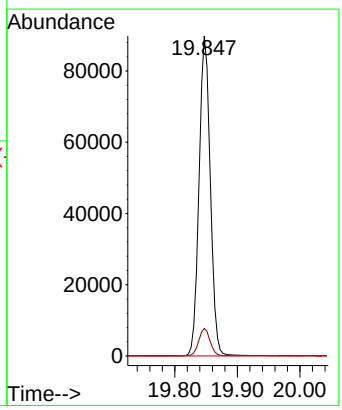


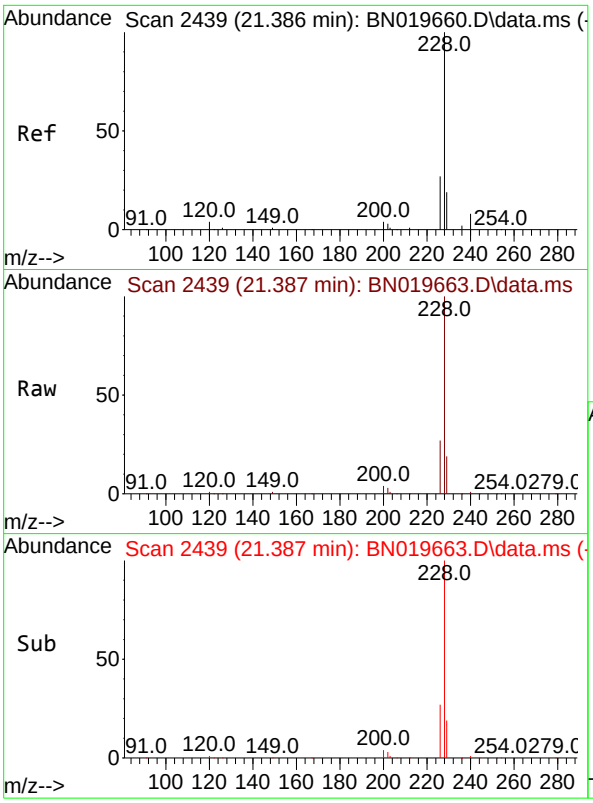


#31
Terphenyl-d14
Concen: 3.335 ng
RT: 19.847 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:244 Resp: 111904

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.6	11.4
122	0.0	0.0	0.0



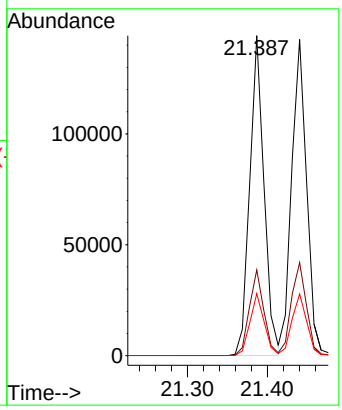


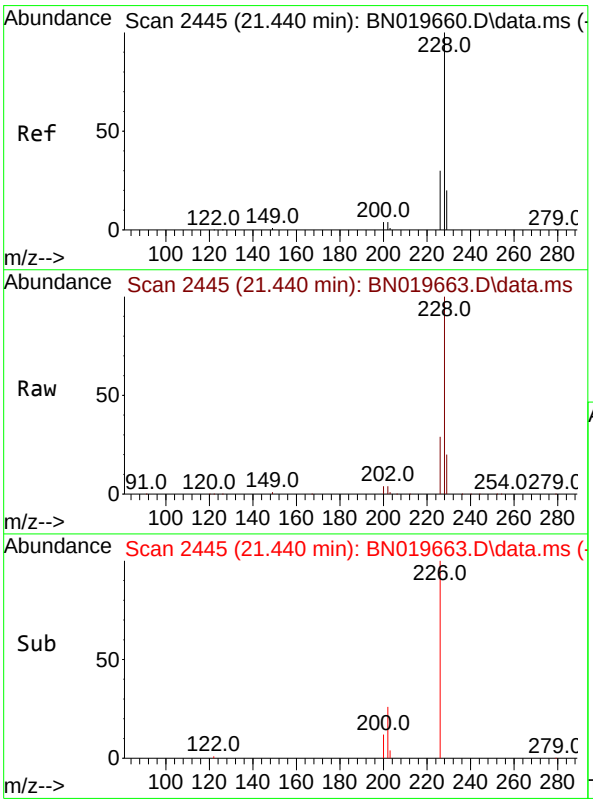
#32
Benzo(a)anthracene
Concen: 3.262 ng
RT: 21.387 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 179555

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.6	32.4
229	19.4	16.5	24.7

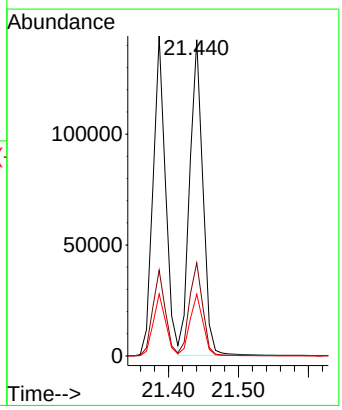


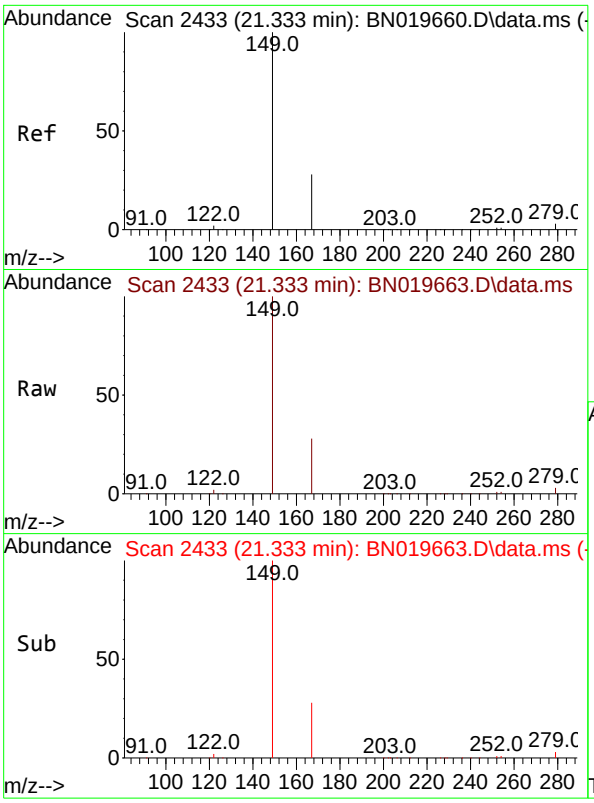


#33
Chrysene
Concen: 3.081 ng
RT: 21.440 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:228 Resp: 185335

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	36.8
229	19.5	15.9	23.9



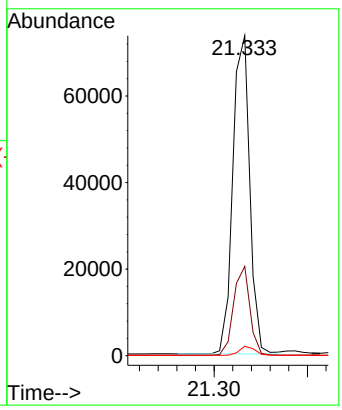


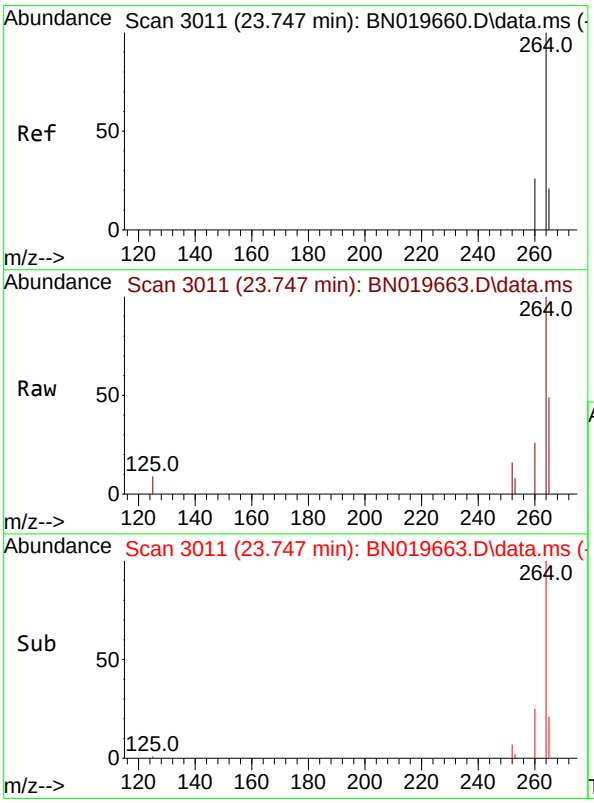
#34
Bis(2-ethylhexyl)phthalate
Concen: 3.686 ng
RT: 21.333 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:149 Resp: 92808

Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.7	32.5
279	2.7	2.8	4.2#

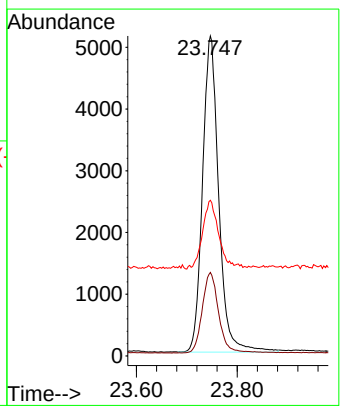


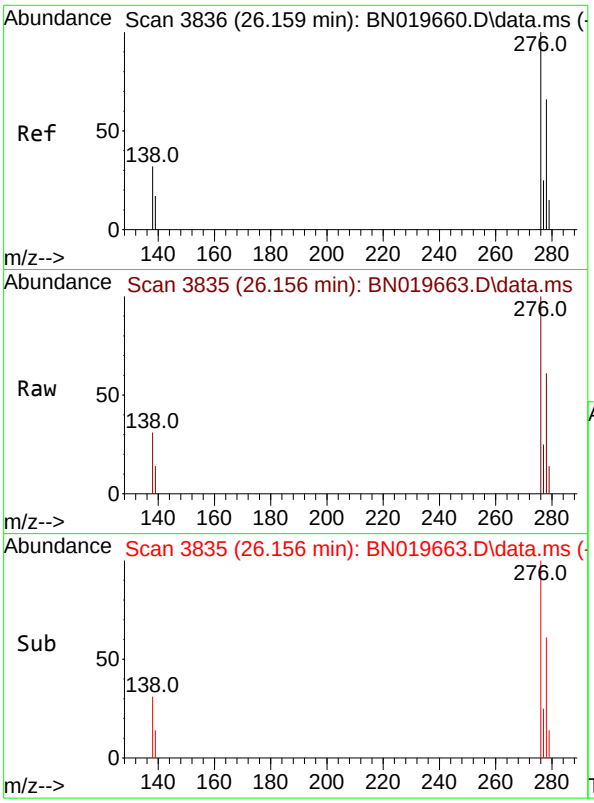


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3011
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:264 Resp: 11397

Ion	Ratio	Lower	Upper
264	100		
260	26.1	21.0	31.6
265	48.6	67.9	101.9#



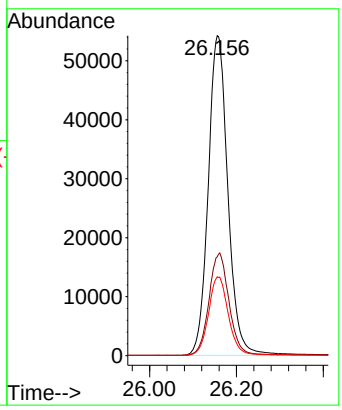


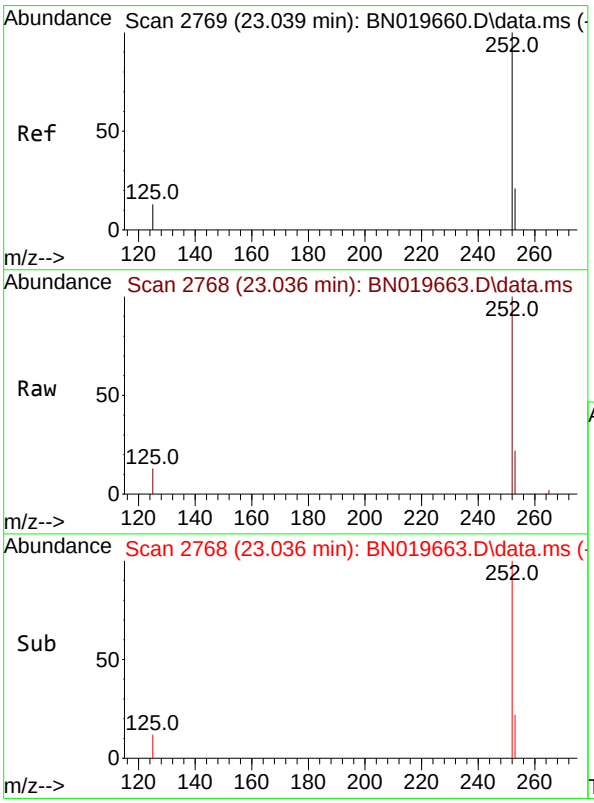
#36
Indeno(1,2,3-cd)pyrene
Concen: 3.103 ng
RT: 26.156 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 169890

Ion	Ratio	Lower	Upper
276	100		
138	32.7	26.6	40.0
277	24.9	20.0	30.0

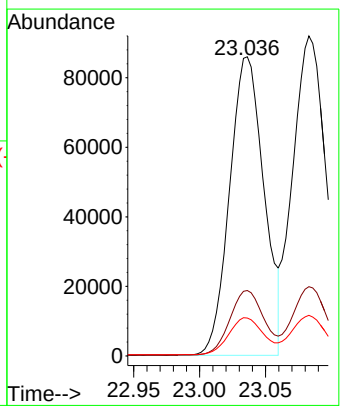


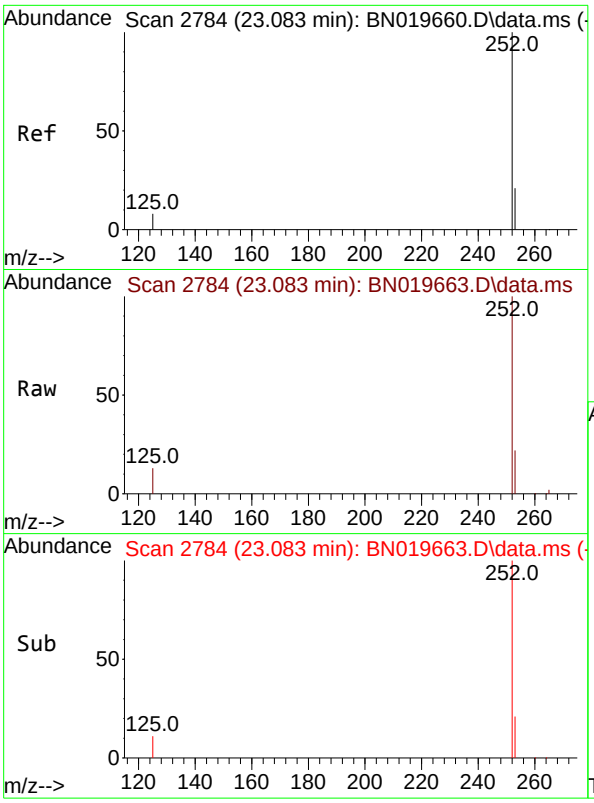


#37
Benzo(b)fluoranthene
Concen: 3.348 ng
RT: 23.036 min Scan# 2768
Delta R.T. -0.003 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:252 Resp: 155778

Ion	Ratio	Lower	Upper
252	100		
253	21.9	21.2	31.8
125	12.7	15.9	23.9#



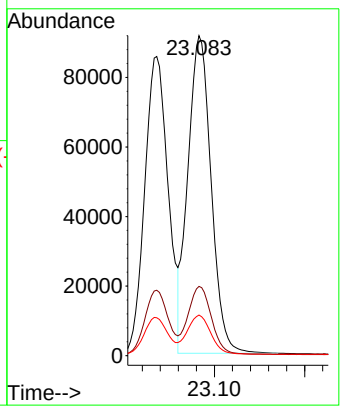


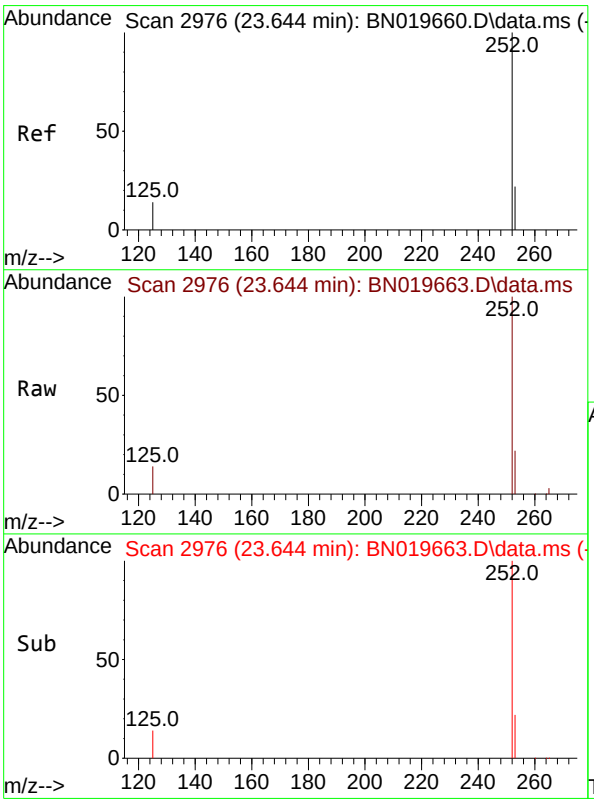
#38
Benzo(k)fluoranthene
Concen: 3.485 ng
RT: 23.083 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 163405

Ion	Ratio	Lower	Upper
252	100		
253	21.6	21.7	32.5#
125	12.7	17.0	25.4#

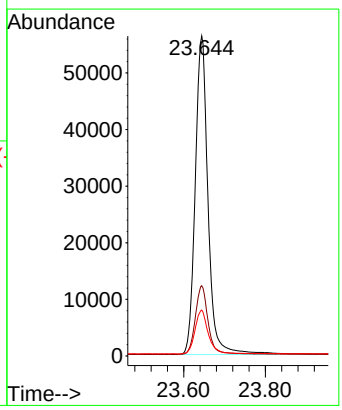


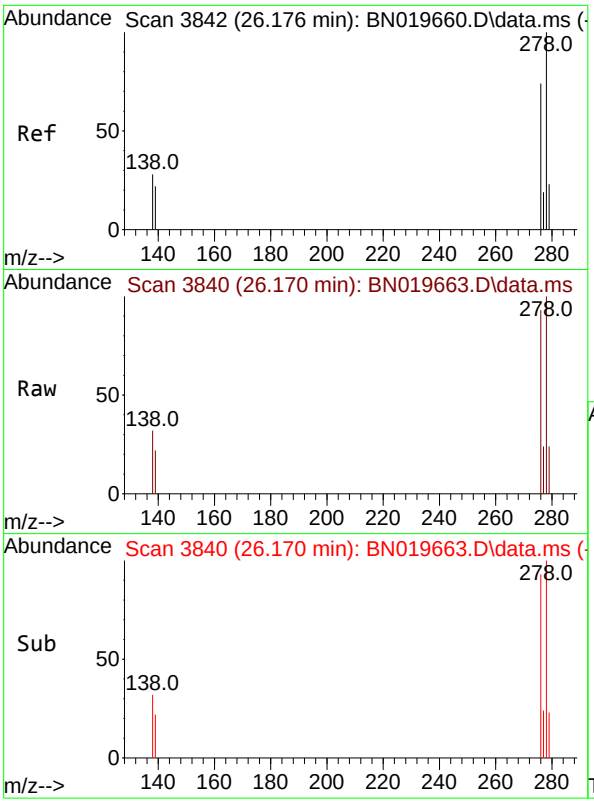


#39
Benzo(a)pyrene
Concen: 3.379 ng
RT: 23.644 min Scan# 2976
Delta R.T. 0.000 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:252 Resp: 122503

Ion	Ratio	Lower	Upper
252	100		
253	22.0	23.1	34.7#
125	14.3	20.4	30.6#



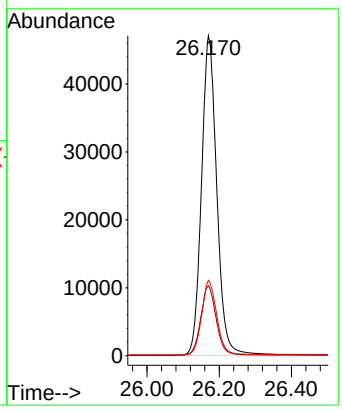


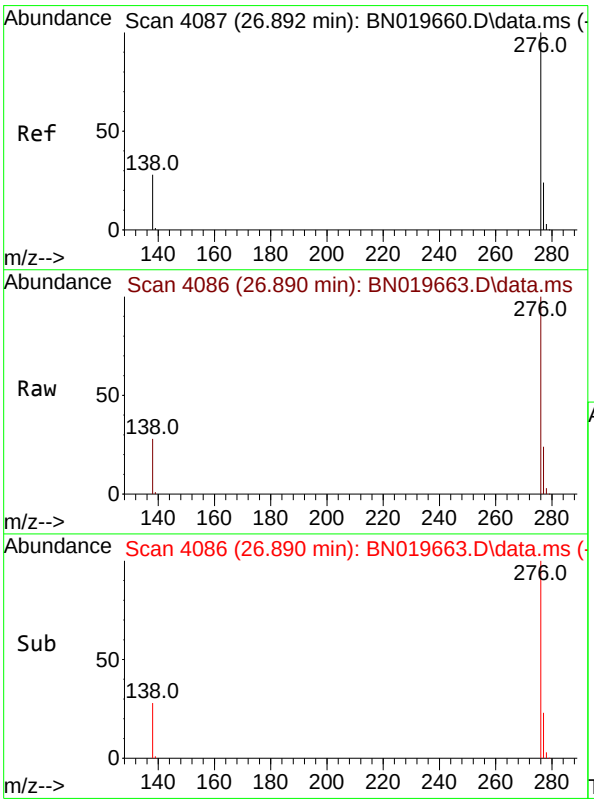
#40
Dibenzo(a,h)anthracene
Concen: 3.109 ng
RT: 26.170 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:278 Resp: 138534

Ion	Ratio	Lower	Upper
278	100		
139	21.8	19.4	29.2
279	23.5	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 2.924 ng
RT: 26.890 min Scan# 4086
Delta R.T. -0.003 min
Lab File: BN019663.D
Acq: 04 May 2022 14:01

Tgt Ion:276 Resp: 138005

Ion	Ratio	Lower	Upper
276	100		
277	23.6	20.2	30.2
138	28.0	23.5	35.3