Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050422\
Data File : BN019662.D
Acq On : 04 May 2022 13:25
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 04 14:33:31 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	5615	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	15355	0.400	ng		# 0.01
13) Acenaphthene-d10	14.485	164	8630	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	17737	0.400	ng		0.00
29) Chrysene-d12	21.405	240	16194	0.400	ng		# 0.00
35) Perylene-d12	23.747	264	13537	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.449	112	20674	1.491	ng		0.00
5) Phenol-d6	7.024	99	25442	1.534	ng		0.00
8) Nitrobenzene-d5	9.004	82	19751	1.809	ng		0.00
11) 2-Methylnaphthalene-d10	12.238	152	41074	1.723	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	5182	1.876	ng		0.00
15) 2-Fluorobiphenyl	13.116	172	59044	1.598	ng		0.01
27) Fluoranthene-d10	19.249	212	82994	1.643	ng		0.00
31) Terphenyl-d14	19.847	244	58466	1.642	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	10470	1.595	ng		97
3) n-Nitrosodimethylamine	3.673	42	11258	2.197	ng	#	86
6) bis(2-Chloroethyl)ether	7.284	93	26088	1.845	ng		99
9) Naphthalene	10.701	128	71001	1.617	ng		99
10) Hexachlorobutadiene	11.000	225	13715	1.651	ng	#	100
12) 2-Methylnaphthalene	12.310	142	47335	1.715	ng		100
16) Acenaphthylene	14.196	152	69294	1.781	ng		99
17) Acenaphthene	14.538	154	47090	1.692	ng		97
18) Fluorene	15.522	166	58547	1.719	ng		99
20) 4,6-Dinitro-2-methylph...	15.596	198	5211	2.292	ng	#	78
21) 4-Bromophenyl-phenylether	16.415	248	18497	1.703	ng	#	80
22) Hexachlorobenzene	16.538	284	20398	1.607	ng		98
23) Atrazine	16.682	200	11799	1.834	ng	#	93
24) Pentachlorophenol	16.867	266	7554	1.764	ng		96
25) Phenanthrene	17.256	178	95967	1.618	ng		100
26) Anthracene	17.349	178	82870	1.687	ng		99
28) Fluoranthene	19.278	202	105676	1.648	ng		99
30) Pyrene	19.641	202	103779	1.563	ng		100
32) Benzo(a)anthracene	21.387	228	95300	1.631	ng		98
33) Chrysene	21.440	228	102694	1.609	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	44457	1.664	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.156	276	104736	1.611	ng		99
37) Benzo(b)fluoranthene	23.036	252	90581	1.639	ng	#	89
38) Benzo(k)fluoranthene	23.083	252	95764	1.719	ng	#	87
39) Benzo(a)pyrene	23.644	252	70556	1.638	ng	#	83
40) Dibenzo(a,h)anthracene	26.170	278	85525	1.616	ng		95
41) Benzo(g,h,i)perylene	26.887	276	85171	1.519	ng		97

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

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Data File : BN019662.D
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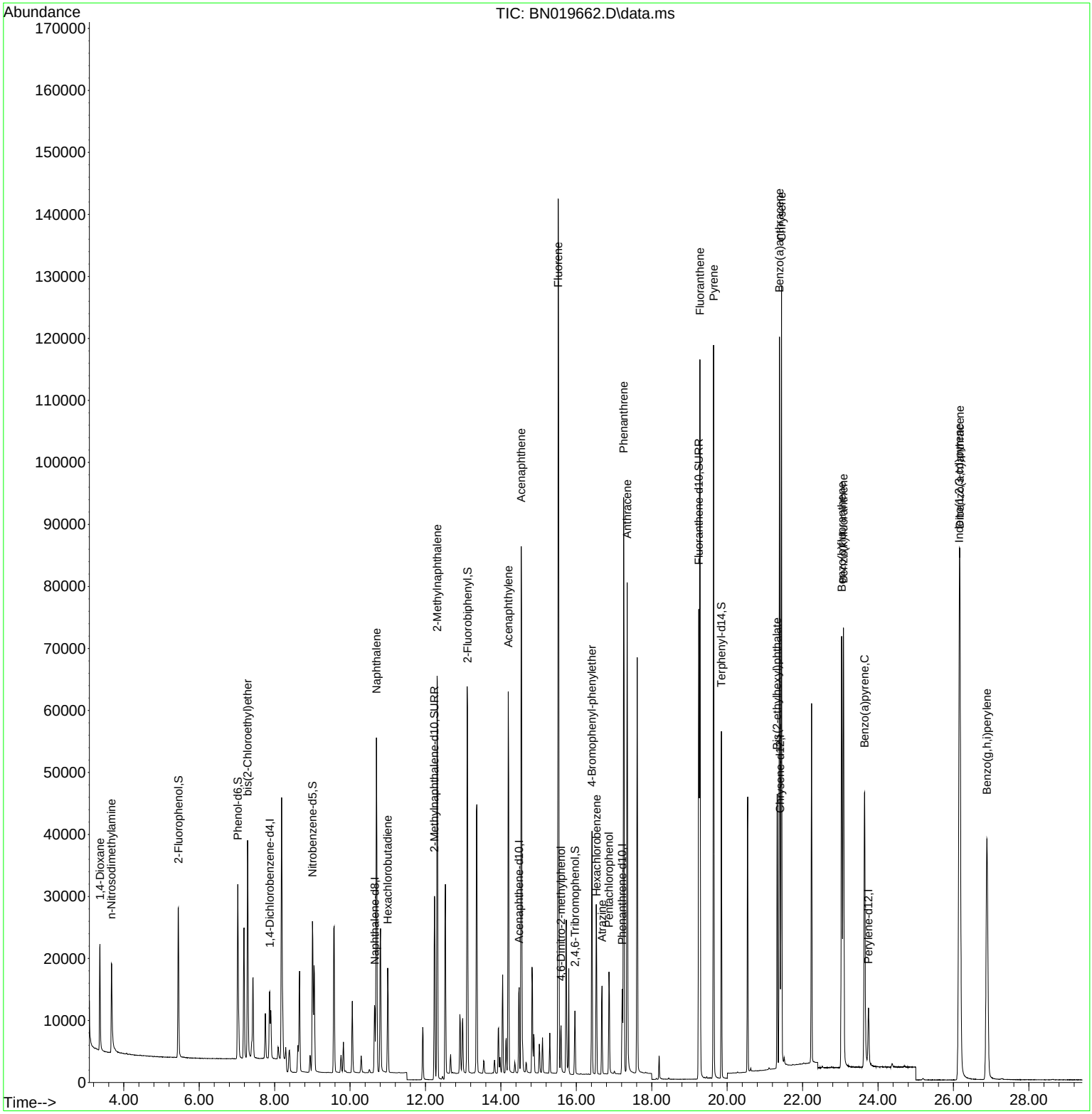
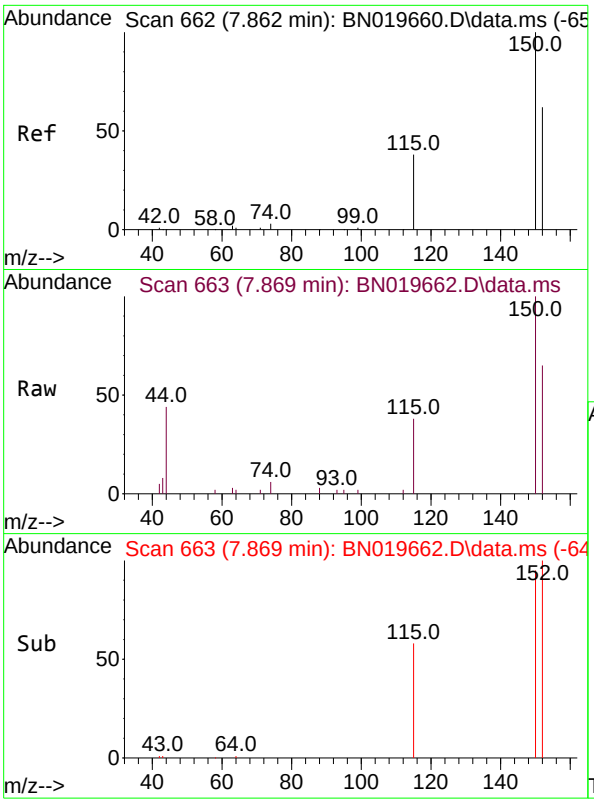
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 04 14:33:31 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



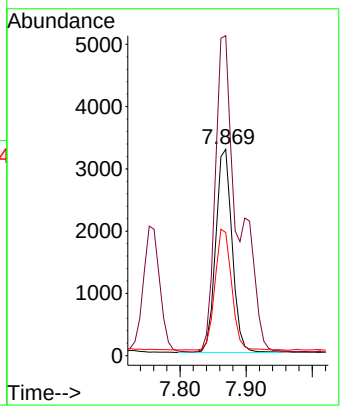


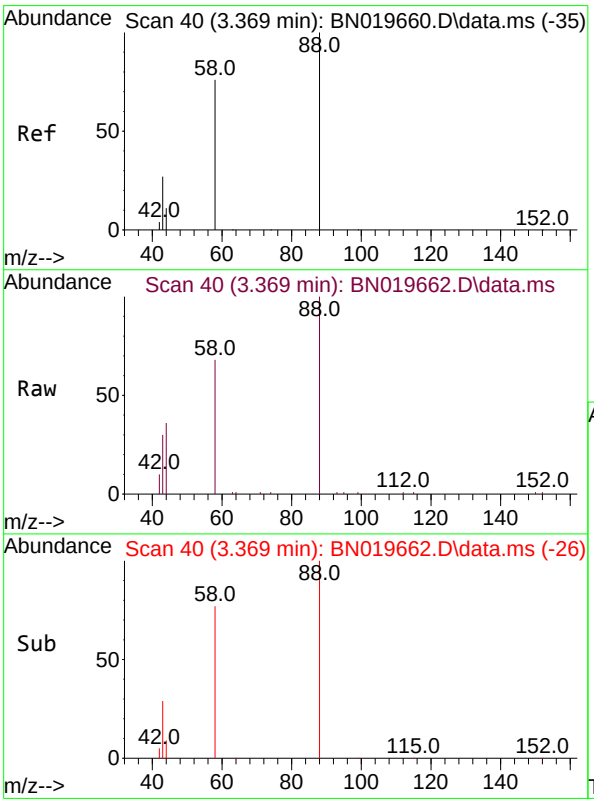
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.869 min Scan# 6
Delta R.T. 0.007 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 5615

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.6	183.8
115	59.7	49.0	73.6

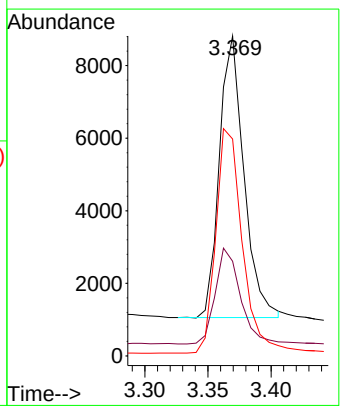


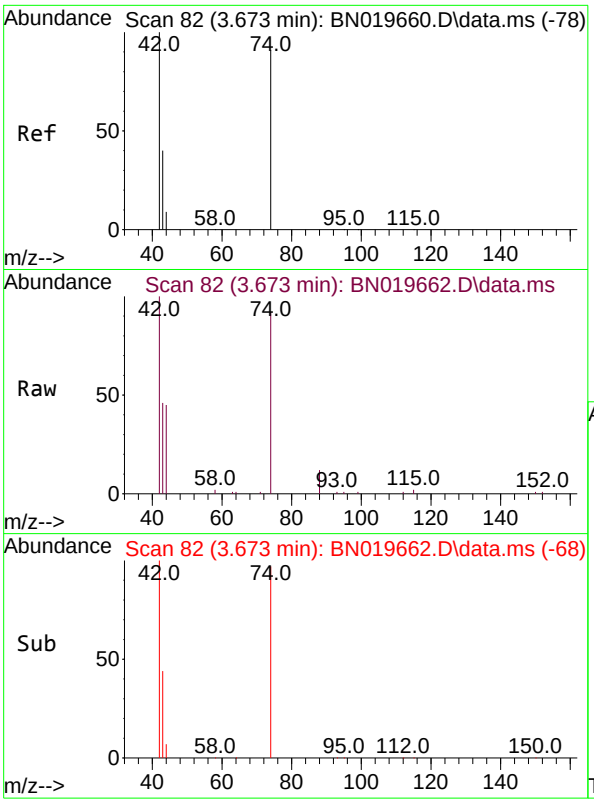


#2
1,4-Dioxane
Concen: 1.595 ng
RT: 3.369 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion: 88 Resp: 10470

Ion	Ratio	Lower	Upper
88	100		
43	34.7	25.2	37.8
58	85.7	67.6	101.4



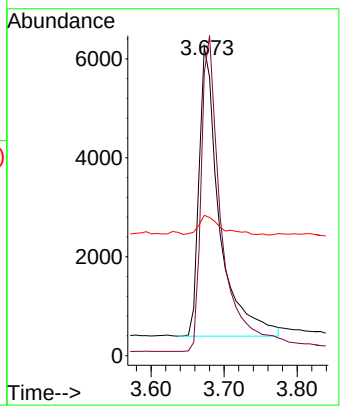


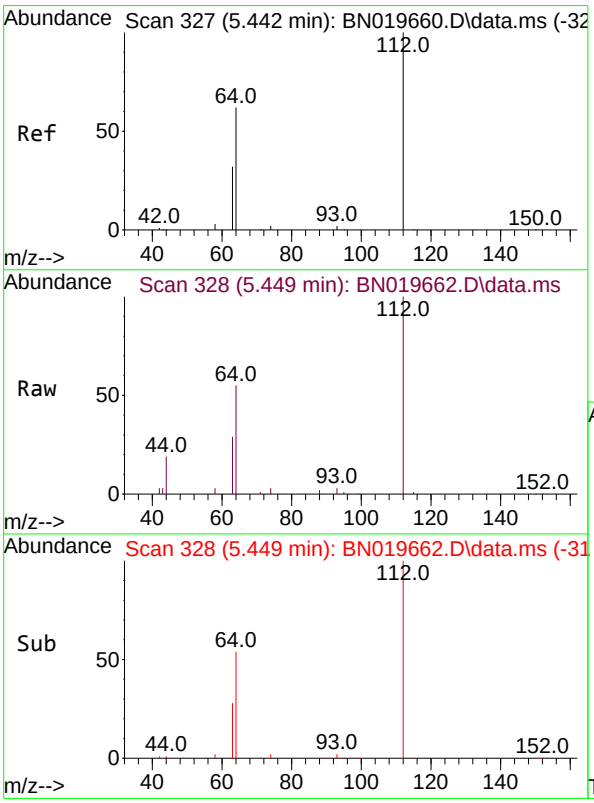
#3
n-Nitrosodimethylamine
Concen: 2.197 ng
RT: 3.673 min Scan# 8
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 11258

Ion	Ratio	Lower	Upper
42	100		
74	110.2	101.8	152.6
44	7.3	8.4	12.6#

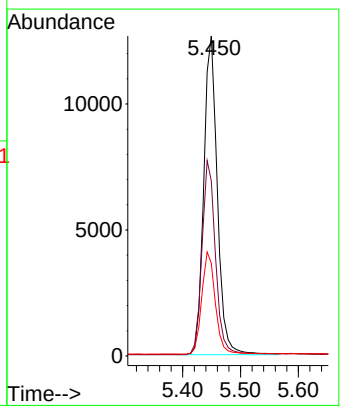


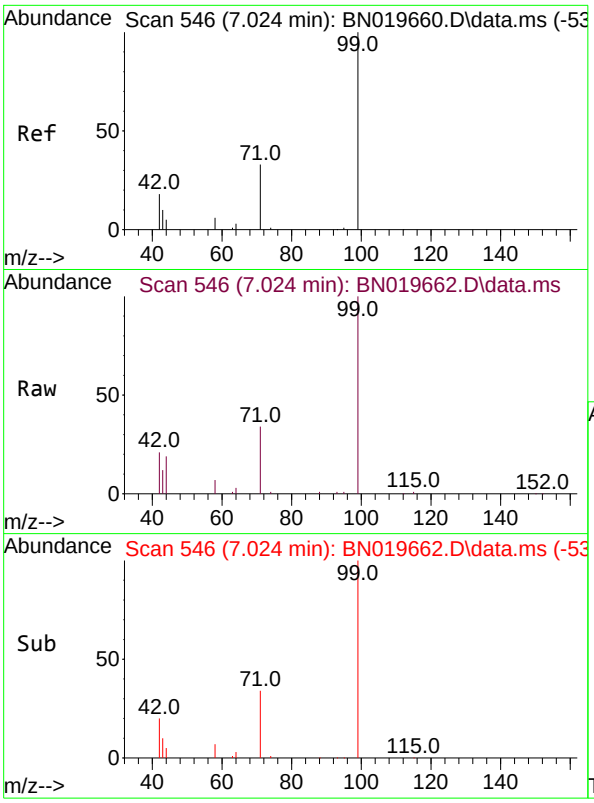


#4
2-Fluorophenol
Concen: 1.491 ng
RT: 5.449 min Scan# 328
Delta R.T. 0.007 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:112 Resp: 20674

Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.3	70.9
63	32.1	24.6	36.8



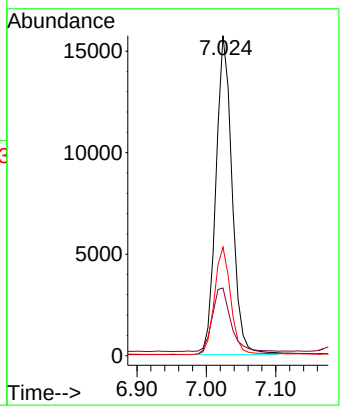


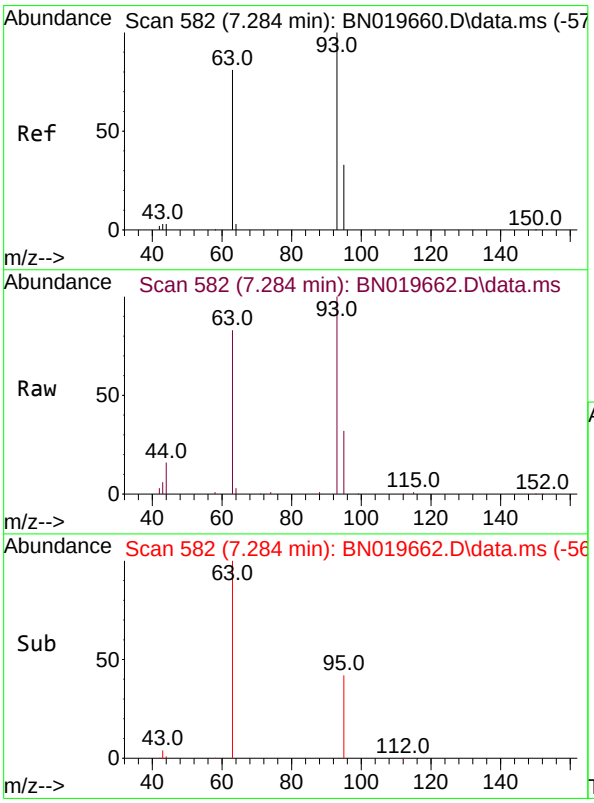
#5
Phenol-d6
Concen: 1.534 ng
RT: 7.024 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 25442

Ion	Ratio	Lower	Upper
99	100		
42	22.6	15.8	23.8
71	33.7	26.5	39.7

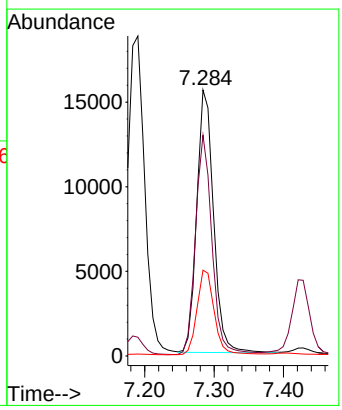


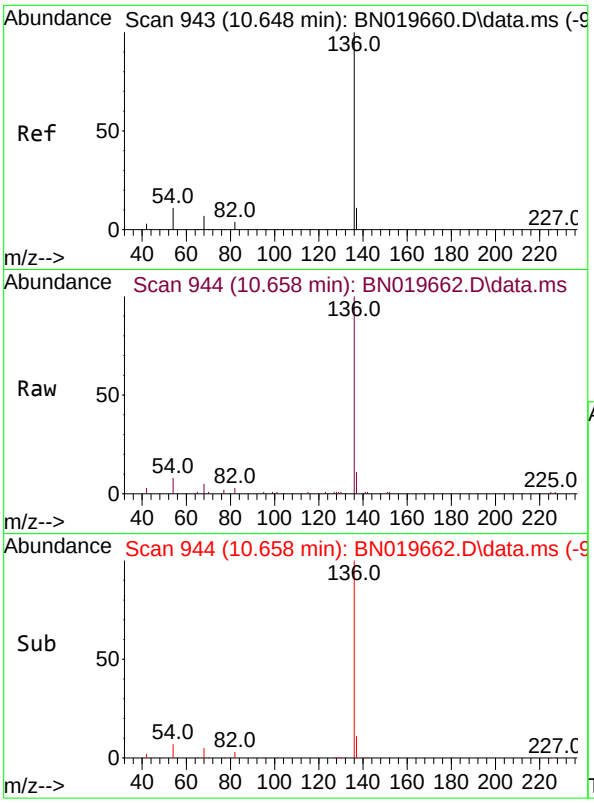


#6
bis(2-Chloroethyl)ether
Concen: 1.845 ng
RT: 7.284 min Scan# 582
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion: 93 Resp: 26088

Ion	Ratio	Lower	Upper
93	100		
63	82.2	65.8	98.8
95	33.1	27.4	41.2



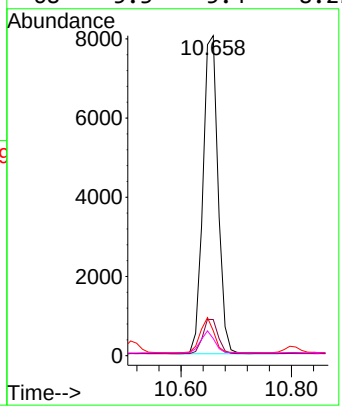


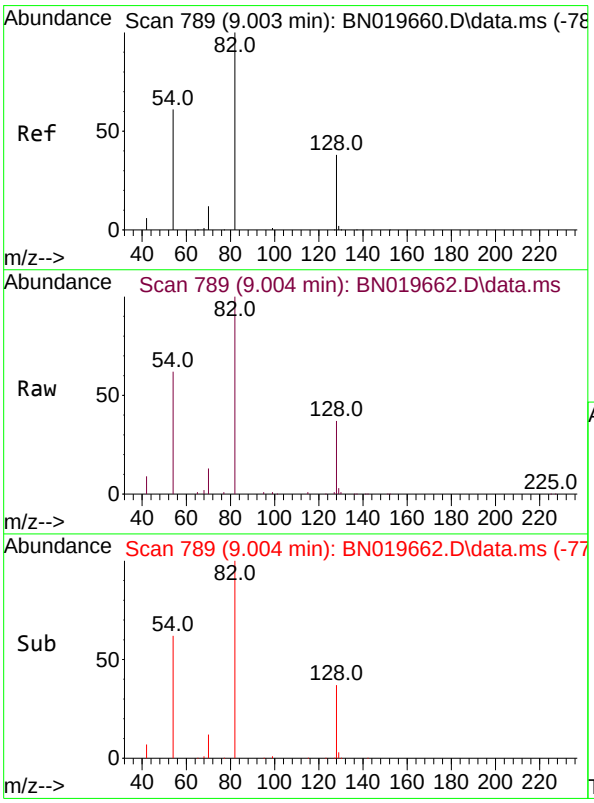
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.658 min Scan# 94
Delta R.T. 0.011 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 15355

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	7.8	7.8	11.6
68	5.3	5.4	8.2#

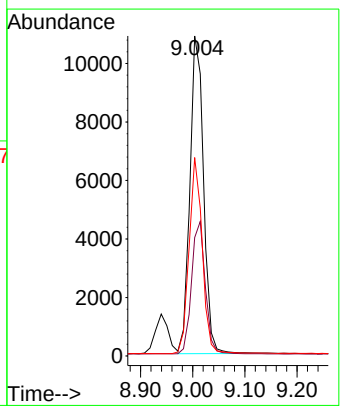


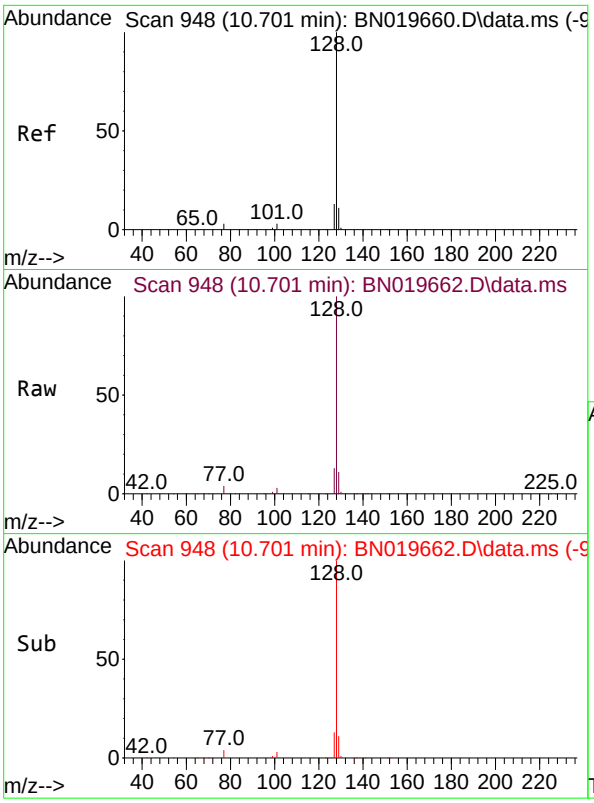


#8
Nitrobenzene-d5
Concen: 1.809 ng
RT: 9.004 min Scan# 789
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion: 82 Resp: 19751

Ion	Ratio	Lower	Upper
82	100		
128	37.0	32.4	48.6
54	62.0	44.4	66.6



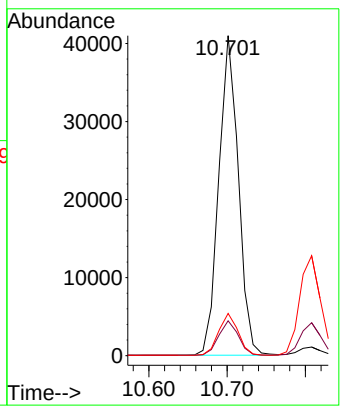


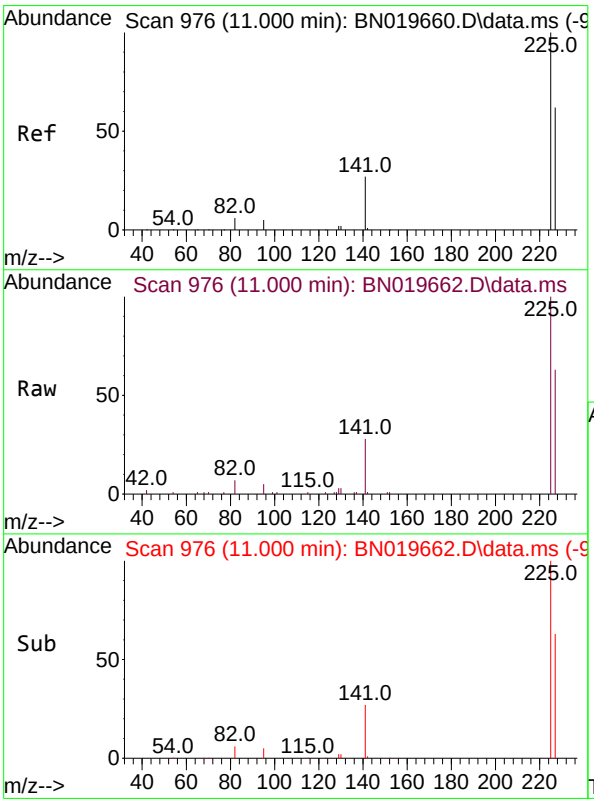
#9
Naphthalene
Concen: 1.617 ng
RT: 10.701 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 71001

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.2	10.8	16.2

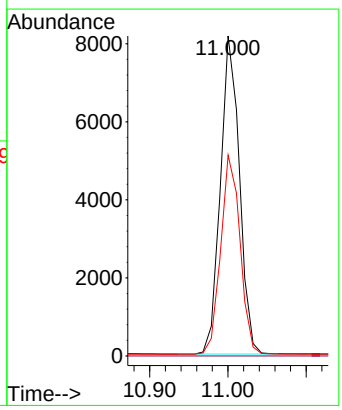


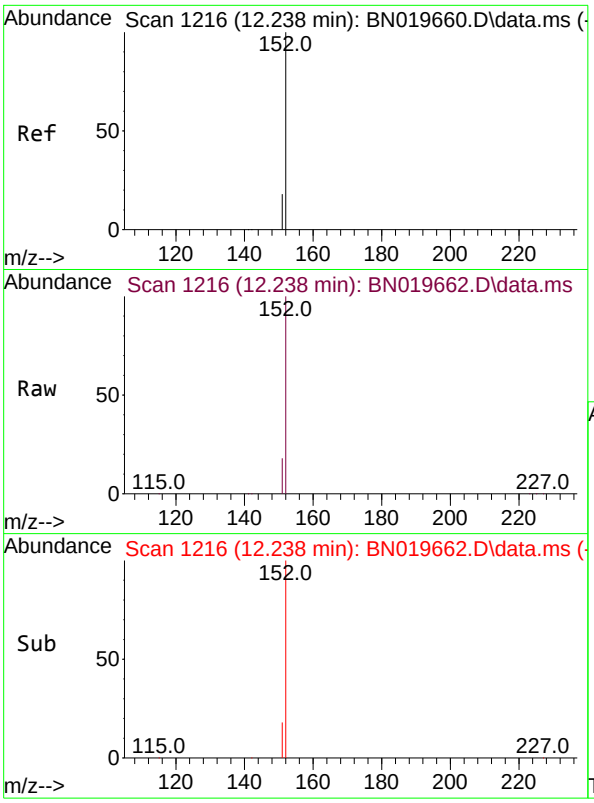


#10
Hexachlorobutadiene
Concen: 1.651 ng
RT: 11.000 min Scan# 976
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:225 Resp: 13715

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



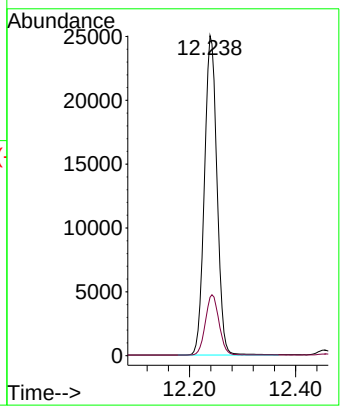


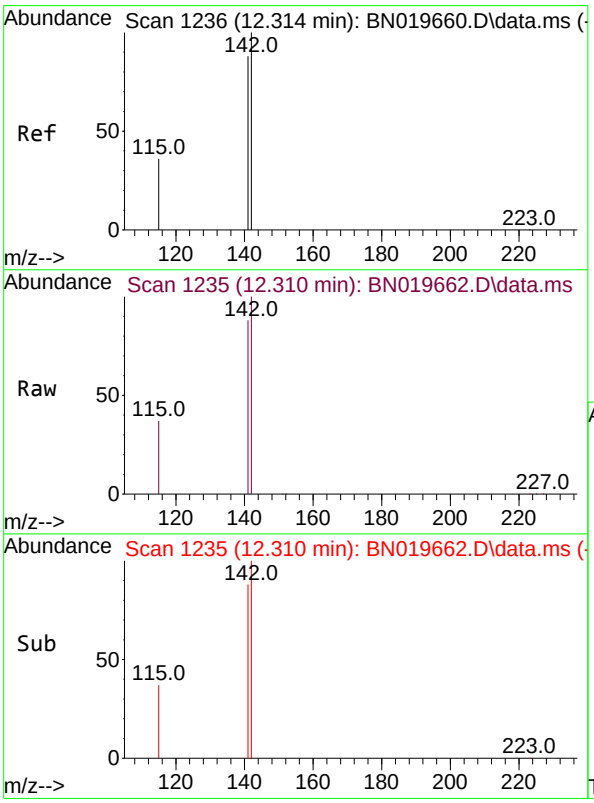
#11
2-Methylnaphthalene-d10
Concen: 1.723 ng
RT: 12.238 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 41074

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.2	24.4

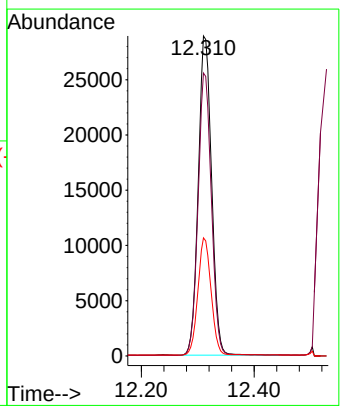


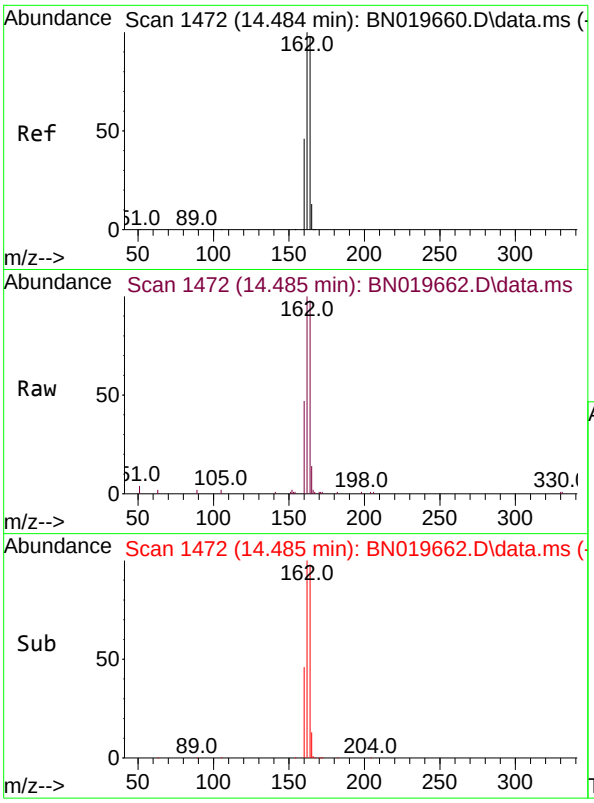


#12
2-Methylnaphthalene
Concen: 1.715 ng
RT: 12.310 min Scan# 1235
Delta R.T. -0.004 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:142 Resp: 47335

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.0	106.6
115	36.9	29.6	44.4



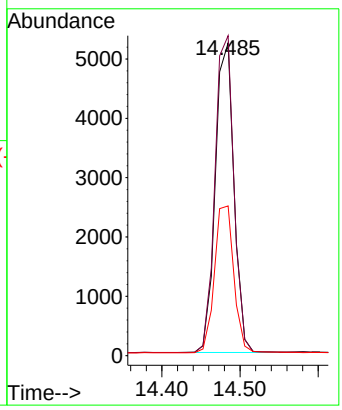


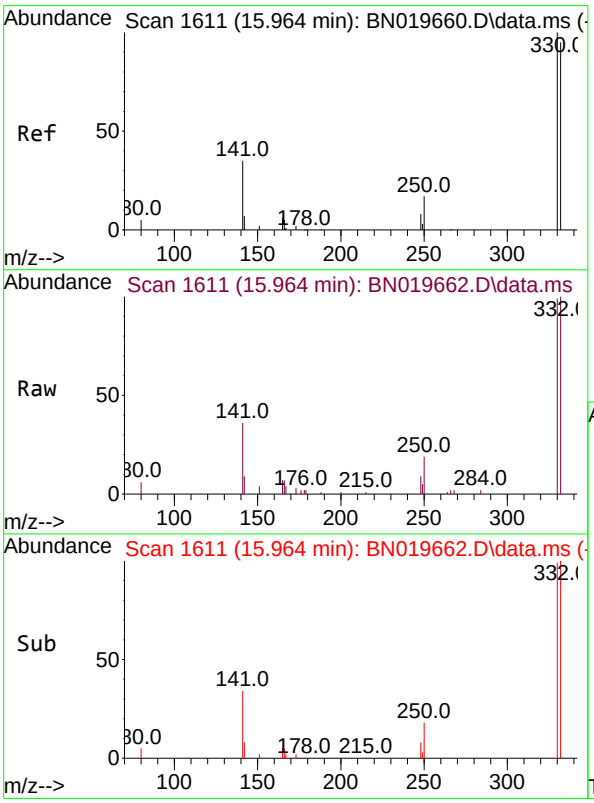
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.485 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 8630

Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.8	122.6
160	47.9	38.3	57.5

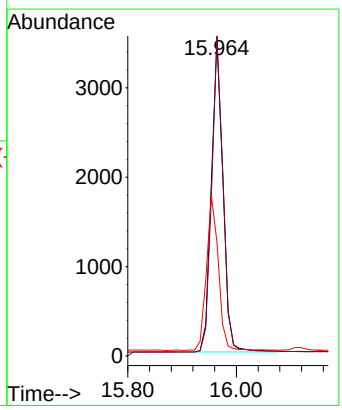


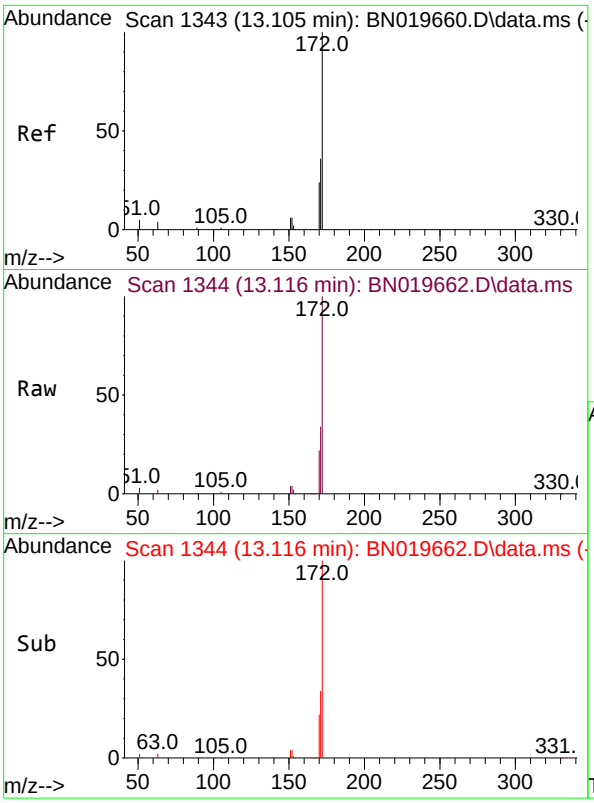


#14
2,4,6-Tribromophenol
Concen: 1.876 ng
RT: 15.964 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:330 Resp: 5182

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.2	114.4
141	50.3	39.7	59.5



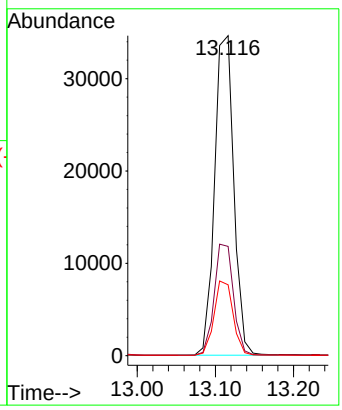


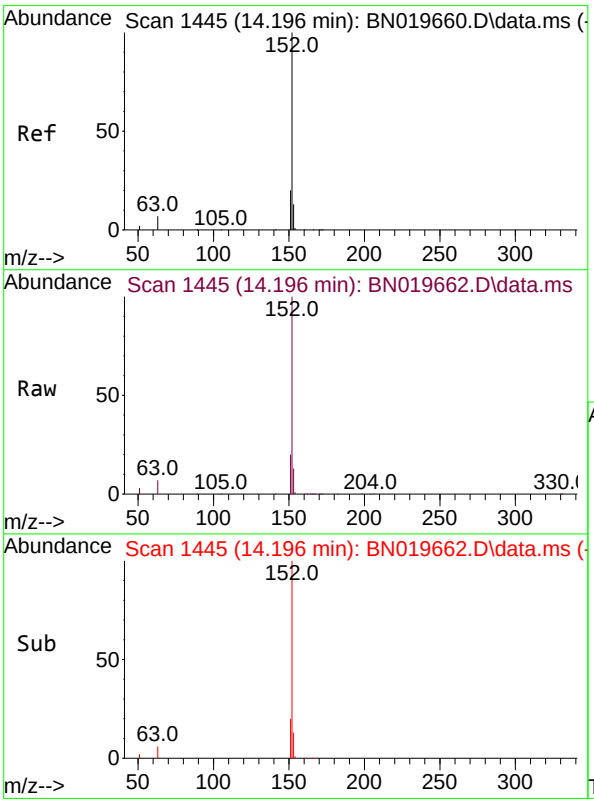
#15
2-Fluorobiphenyl
Concen: 1.598 ng
RT: 13.116 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 59044

Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.0	42.0
170	22.2	19.0	28.4

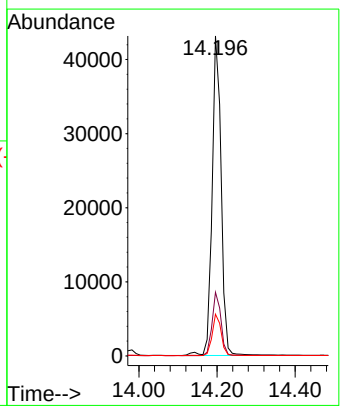


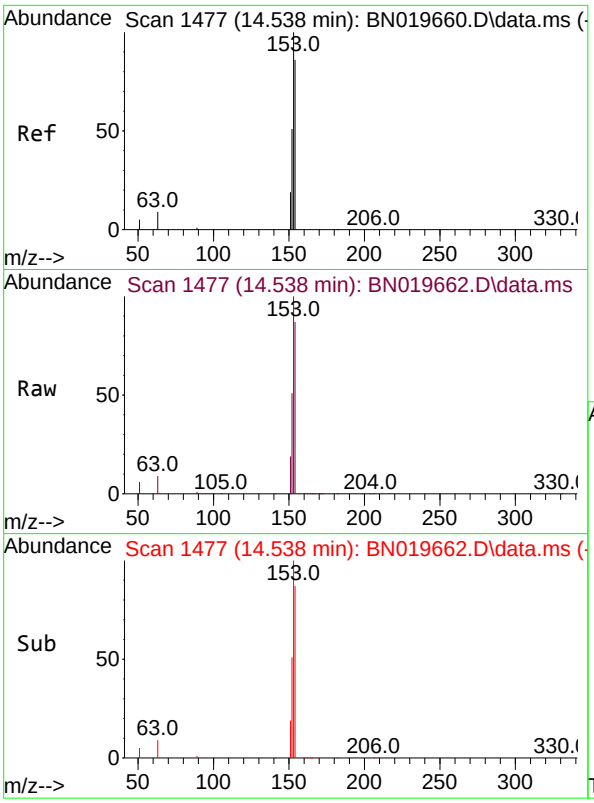


#16
Acenaphthylene
Concen: 1.781 ng
RT: 14.196 min Scan# 1445
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:152 Resp: 69294

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.2	24.4
153	12.9	10.5	15.7



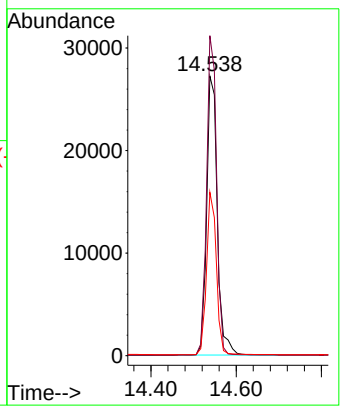


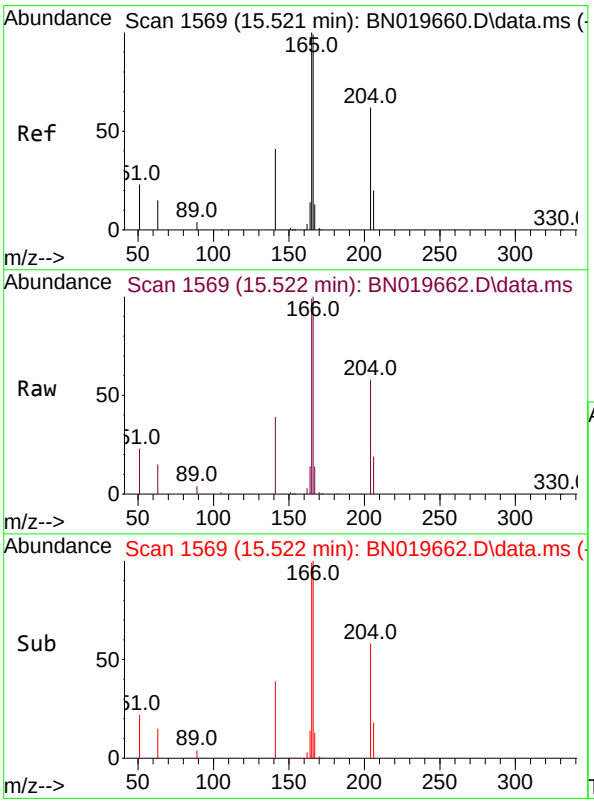
#17
Acenaphthene
Concen: 1.692 ng
RT: 14.538 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 47090

Ion	Ratio	Lower	Upper
154	100		
153	107.0	89.3	133.9
152	53.8	44.1	66.1

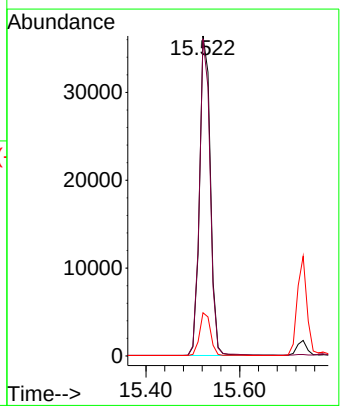


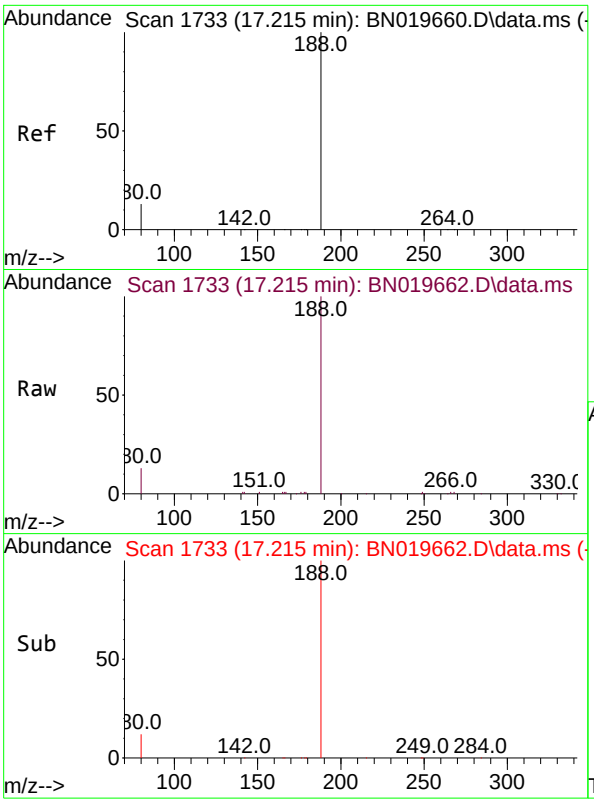


#18
Fluorene
Concen: 1.719 ng
RT: 15.522 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:166 Resp: 58547

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.1	118.7
167	13.6	10.7	16.1





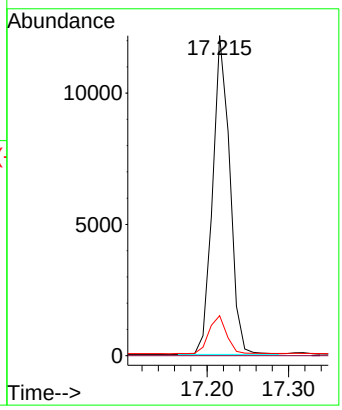
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.215 min Scan# 1

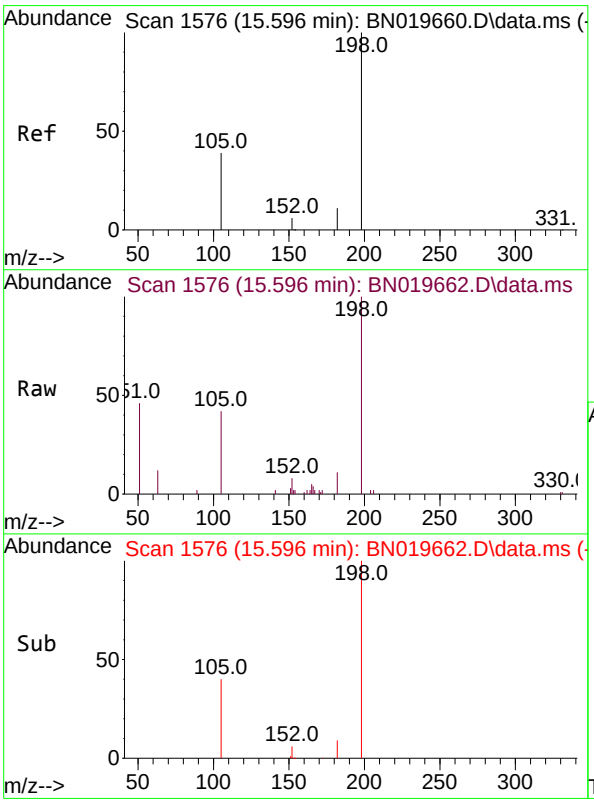
Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:188 Resp: 17737

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	8.6	12.8

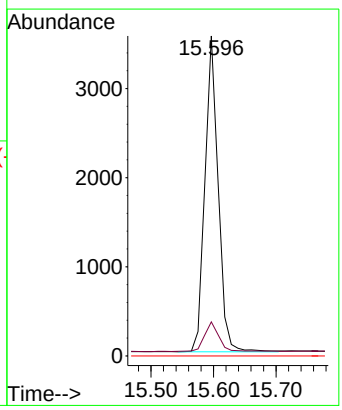


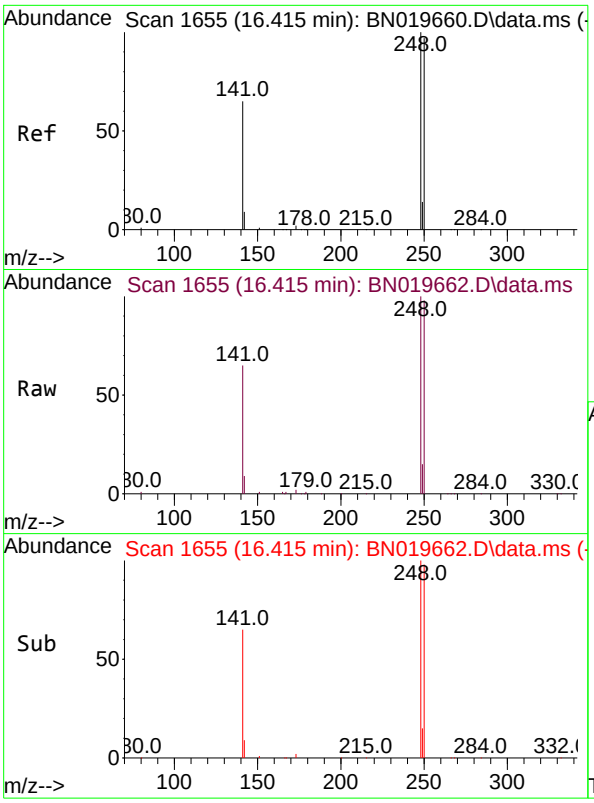


#20
4,6-Dinitro-2-methylphenol
Concen: 2.292 ng
RT: 15.596 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:198 Resp: 5211

Ion	Ratio	Lower	Upper
198	100		
182	10.7	16.9	25.3#
77	0.0	0.0	0.0



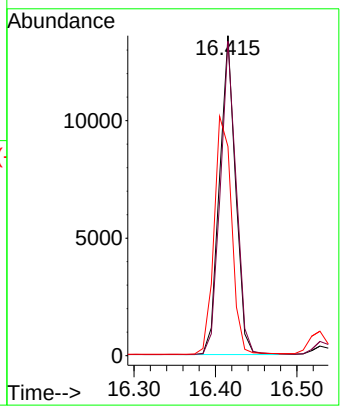


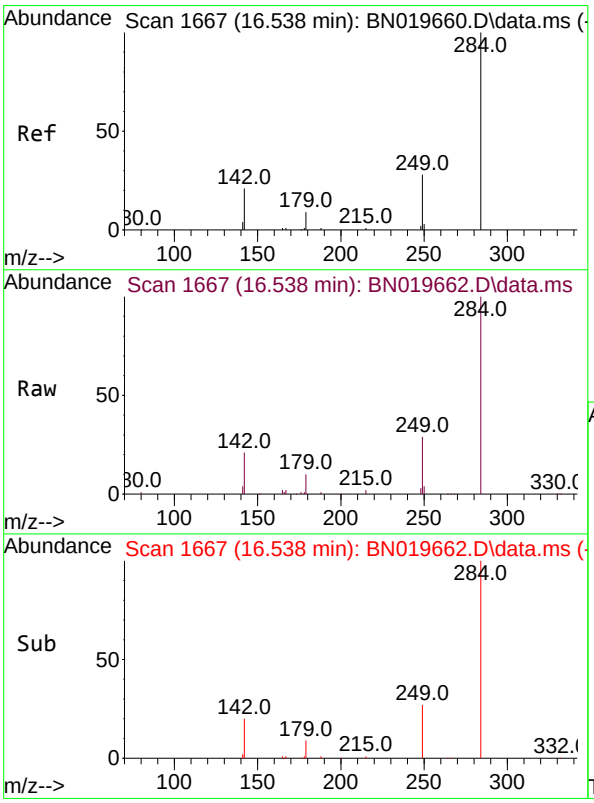
#21
4-Bromophenyl-phenylether
Concen: 1.703 ng
RT: 16.415 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:248 Resp: 18497

Ion	Ratio	Lower	Upper
248	100		
250	98.3	75.5	113.3
141	65.3	79.9	119.9#

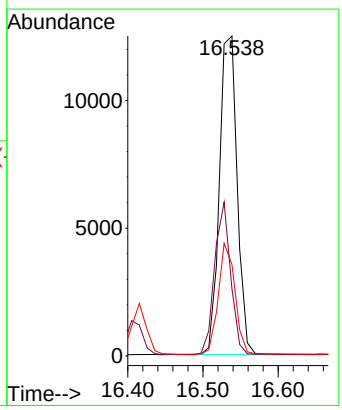


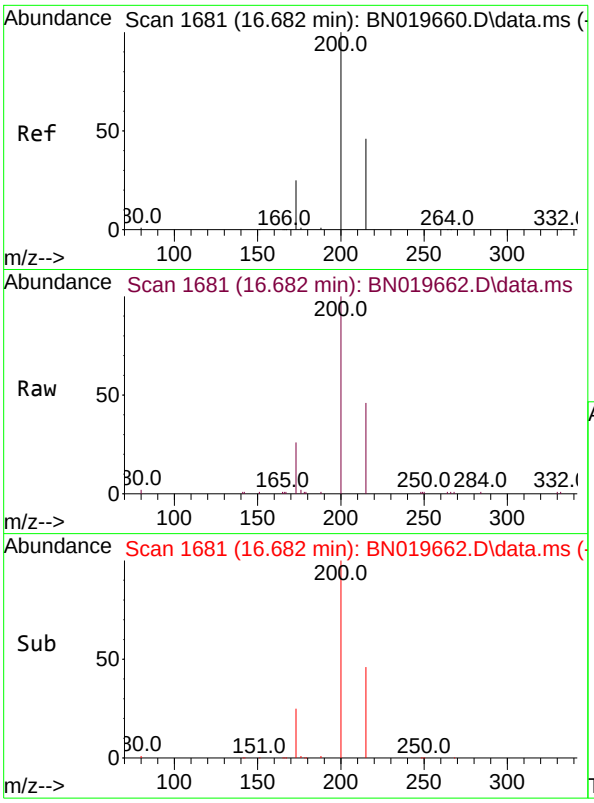


#22
Hexachlorobenzene
Concen: 1.607 ng
RT: 16.538 min Scan# 1667
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:284 Resp: 20398

Ion	Ratio	Lower	Upper
284	100		
142	43.1	33.2	49.8
249	32.4	26.4	39.6



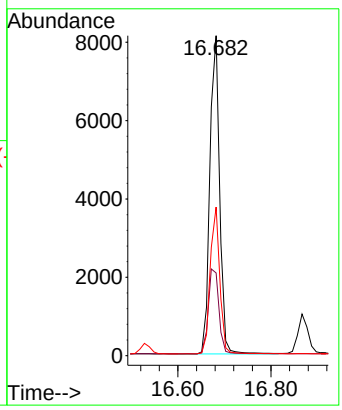


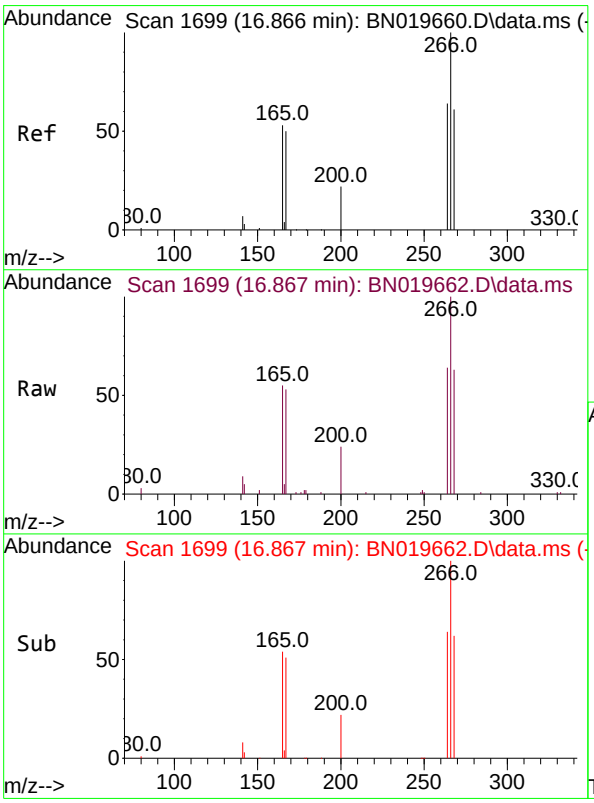
#23
Atrazine
Concen: 1.834 ng
RT: 16.682 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:200 Resp: 11799

Ion	Ratio	Lower	Upper
200	100		
173	25.8	28.5	42.7#
215	46.5	37.0	55.4

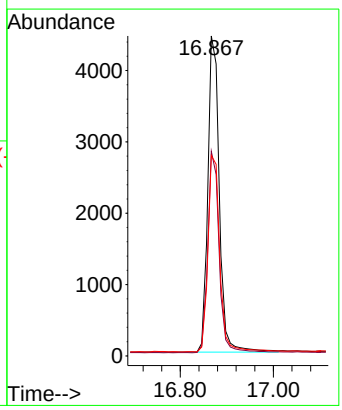


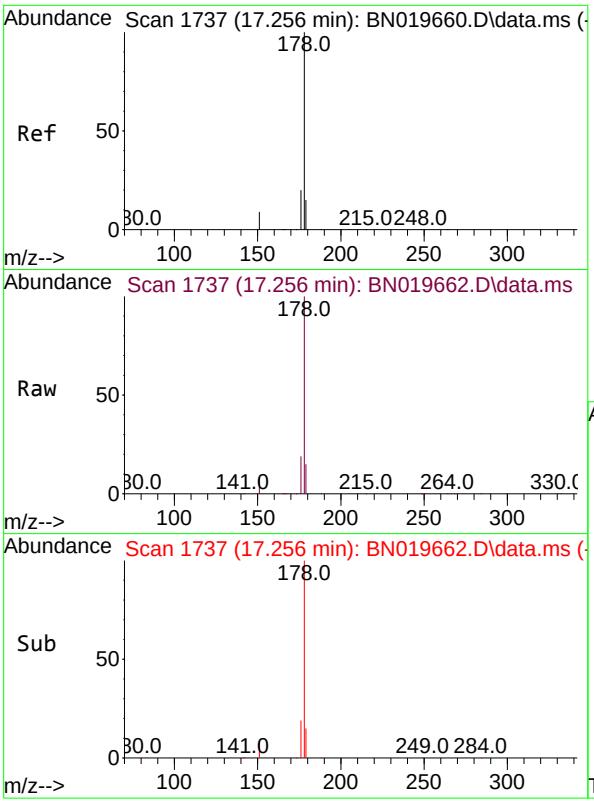


#24
Pentachlorophenol
Concen: 1.764 ng
RT: 16.867 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:266 Resp: 7554

Ion	Ratio	Lower	Upper
266	100		
264	63.2	48.0	72.0
268	64.2	54.2	81.2



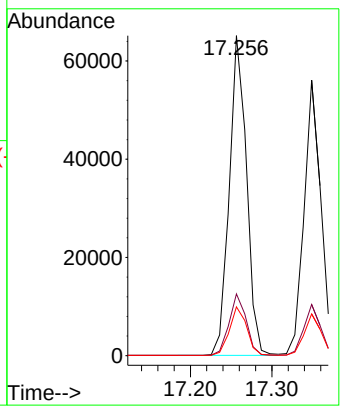


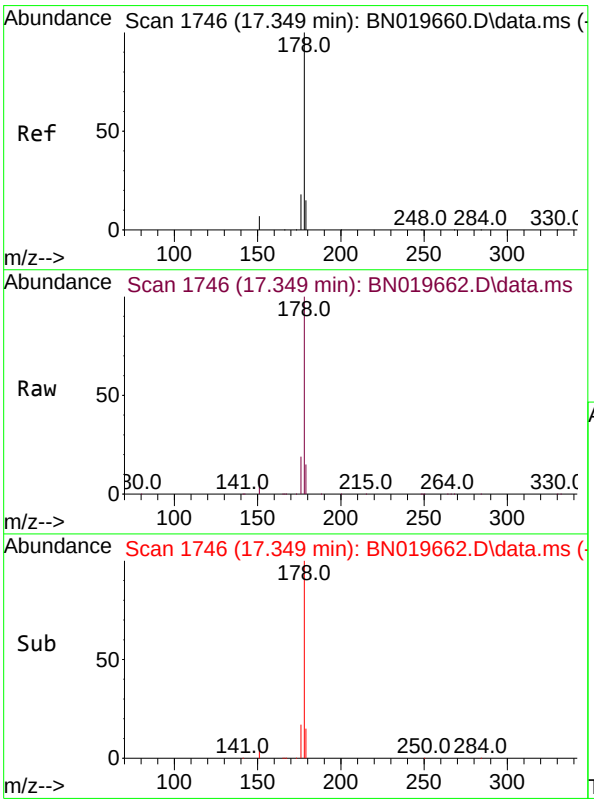
#25
Phenanthrene
Concen: 1.618 ng
RT: 17.256 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 95967

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.2	12.1	18.1

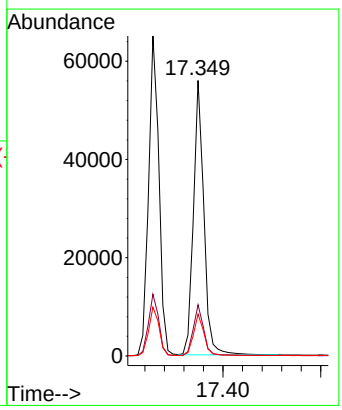


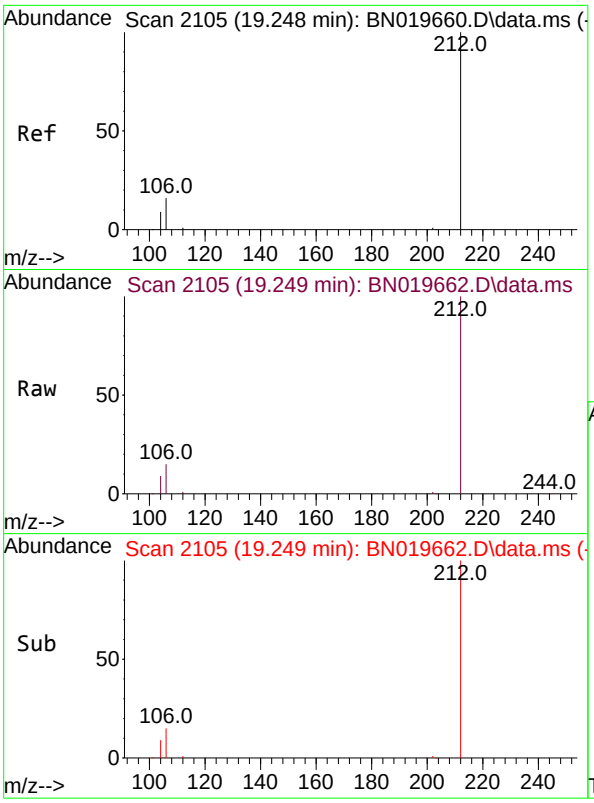


#26
Anthracene
Concen: 1.687 ng
RT: 17.349 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:178 Resp: 82870

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.3	21.5
179	15.3	12.2	18.4



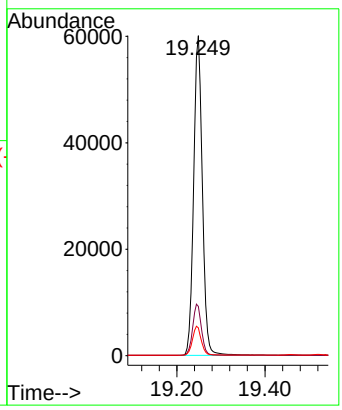


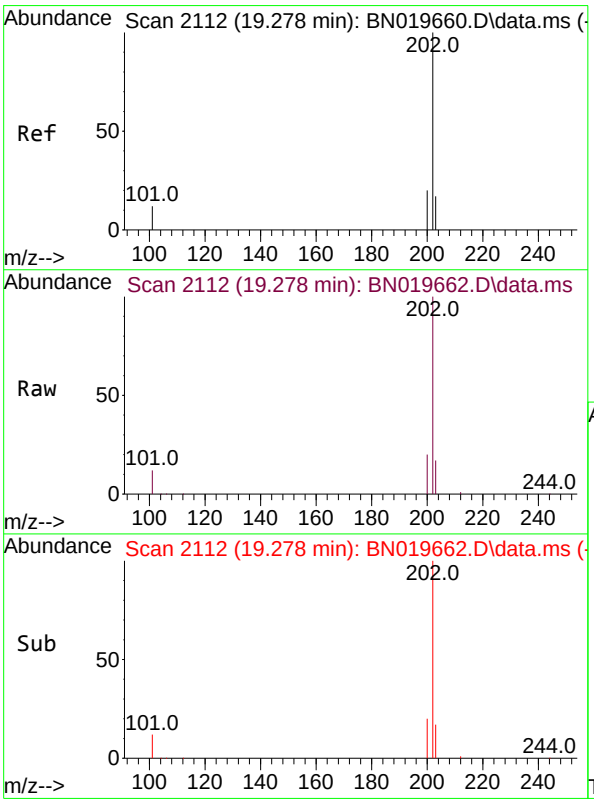
#27
Fluoranthene-d10
Concen: 1.643 ng
RT: 19.249 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 82994

Ion	Ratio	Lower	Upper
212	100		
106	16.1	13.5	20.3
104	9.1	7.6	11.4

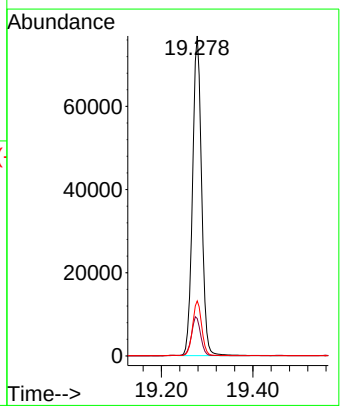


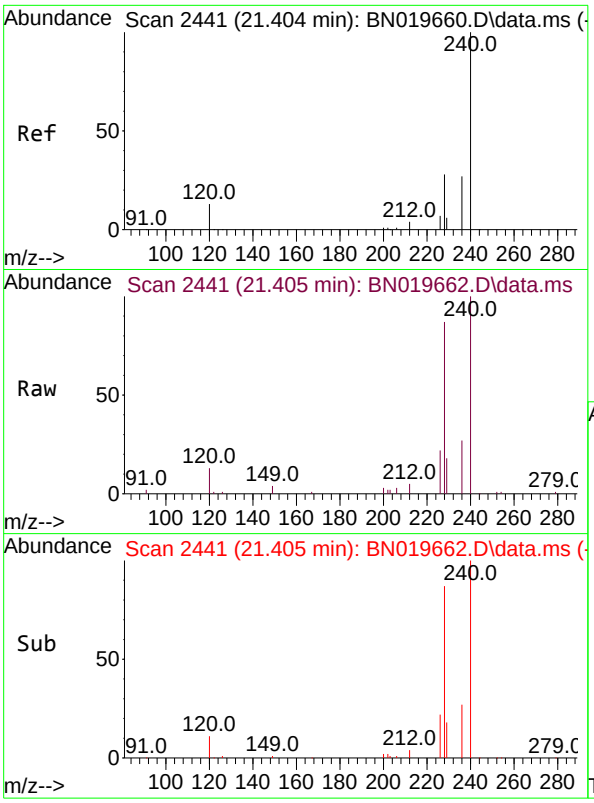


#28
Fluoranthene
Concen: 1.648 ng
RT: 19.278 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:202 Resp: 105676

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



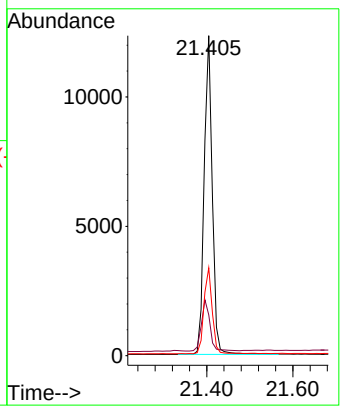


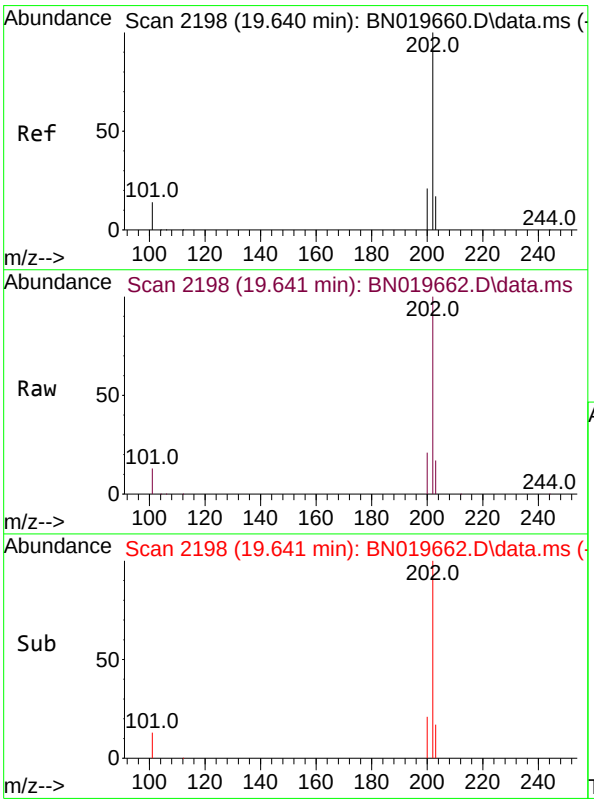
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.405 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 16194

Ion	Ratio	Lower	Upper
240	100		
120	12.7	17.4	26.2#
236	27.4	23.0	34.4

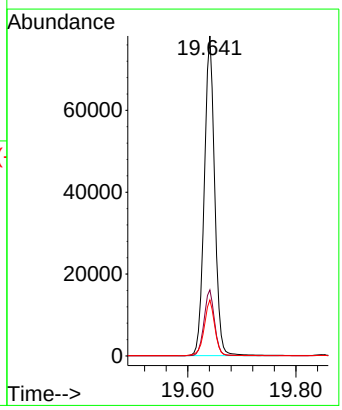


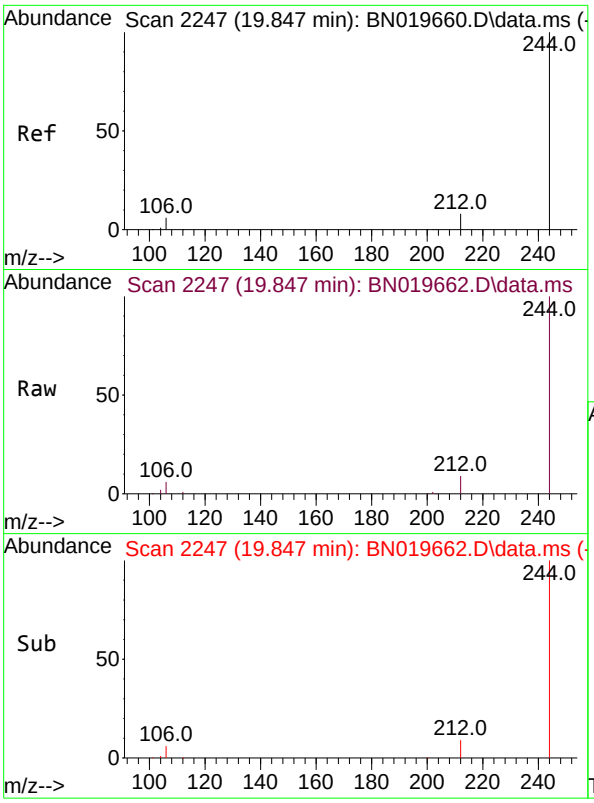


#30
Pyrene
Concen: 1.563 ng
RT: 19.641 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:202 Resp: 103779

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.7	25.1
203	17.8	14.2	21.4



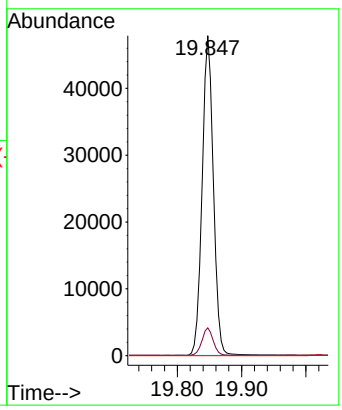


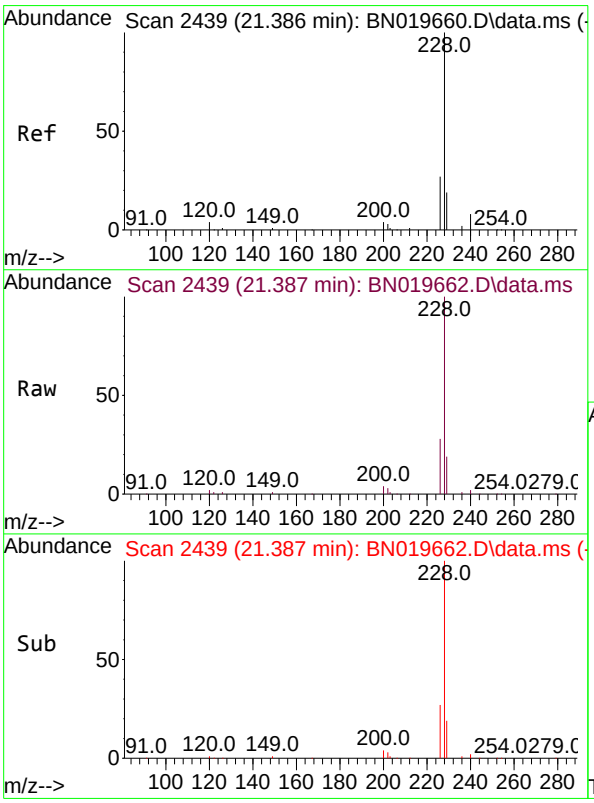
#31
Terphenyl-d14
Concen: 1.642 ng
RT: 19.847 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 58466

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.6	11.4
122	0.0	0.0	0.0

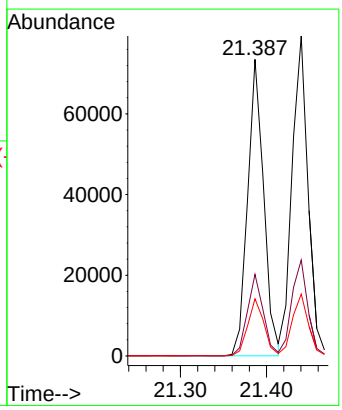


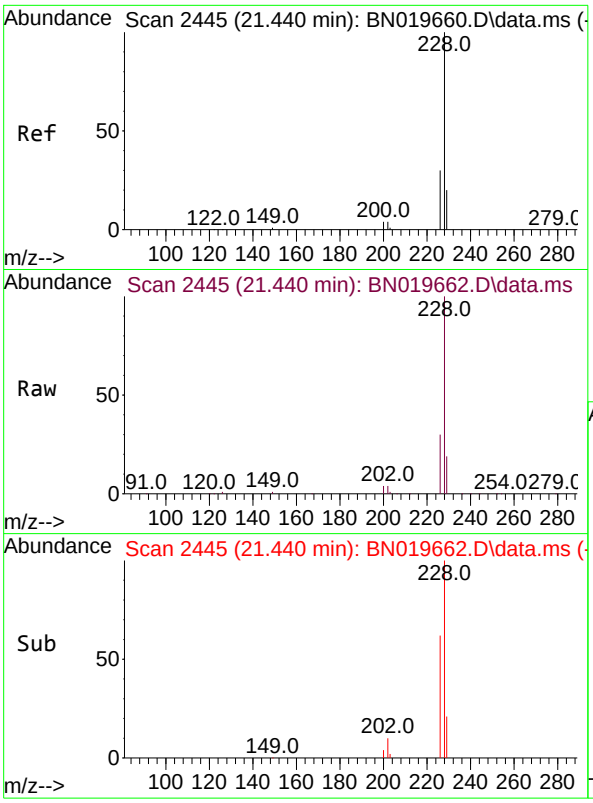


#32
Benzo(a)anthracene
Concen: 1.631 ng
RT: 21.387 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:228 Resp: 95300

Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	19.3	16.5	24.7



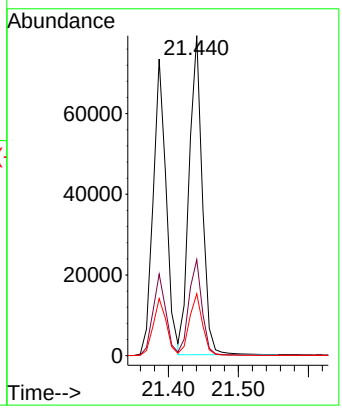


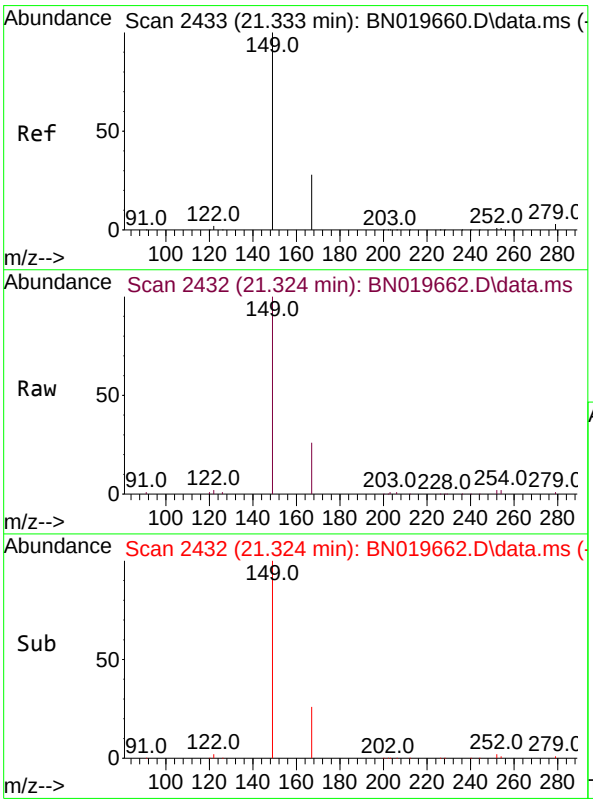
#33
Chrysene
Concen: 1.609 ng
RT: 21.440 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 102694

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.6	36.8
229	19.4	15.9	23.9

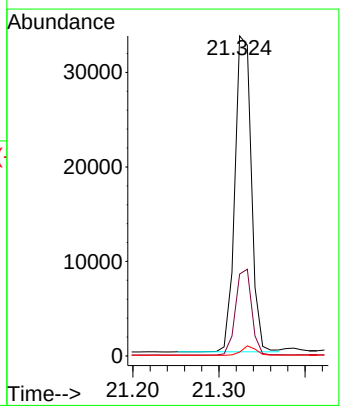


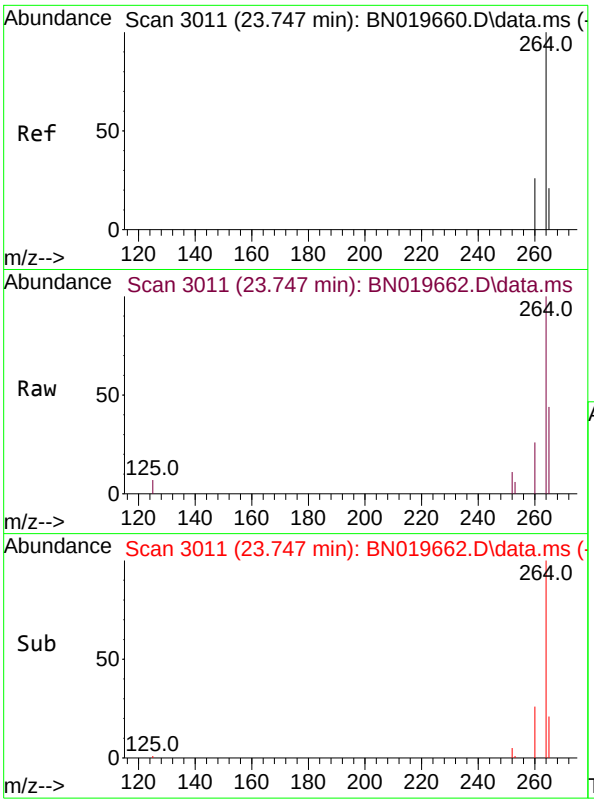


#34
Bis(2-ethylhexyl)phthalate
Concen: 1.664 ng
RT: 21.324 min Scan# 2432
Delta R.T. -0.009 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:149 Resp: 44457

Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.7	32.5
279	2.6	2.8	4.2#



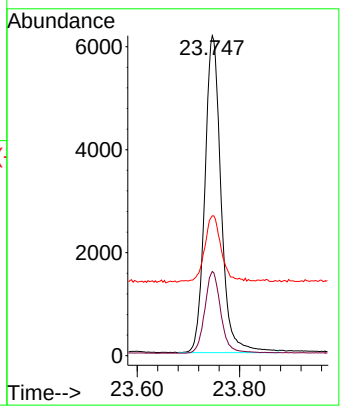


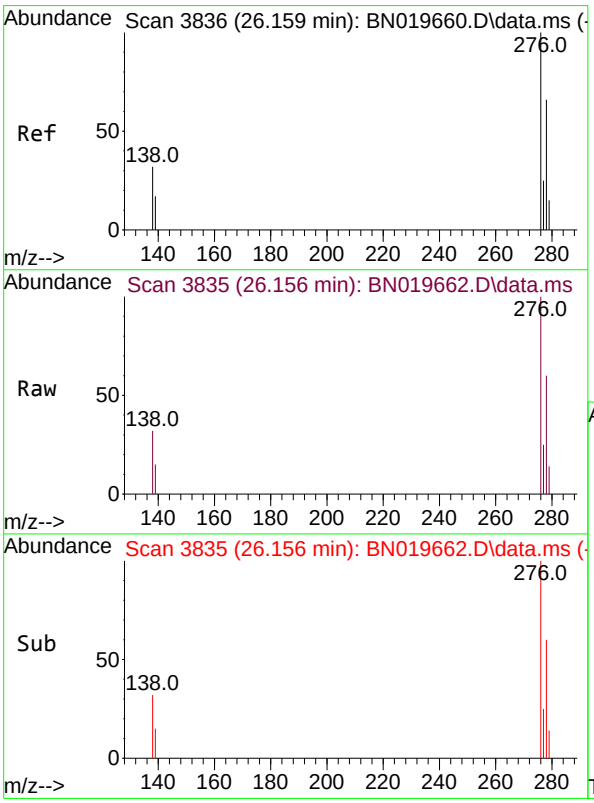
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.747 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:264 Resp: 13537

Ion	Ratio	Lower	Upper
264	100		
260	26.3	21.0	31.6
265	43.7	67.9	101.9#

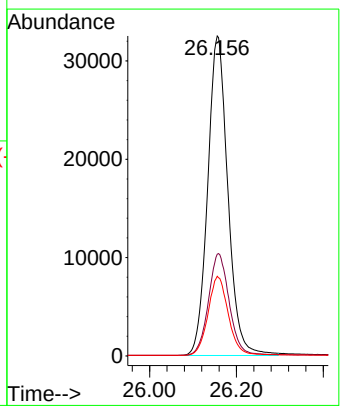


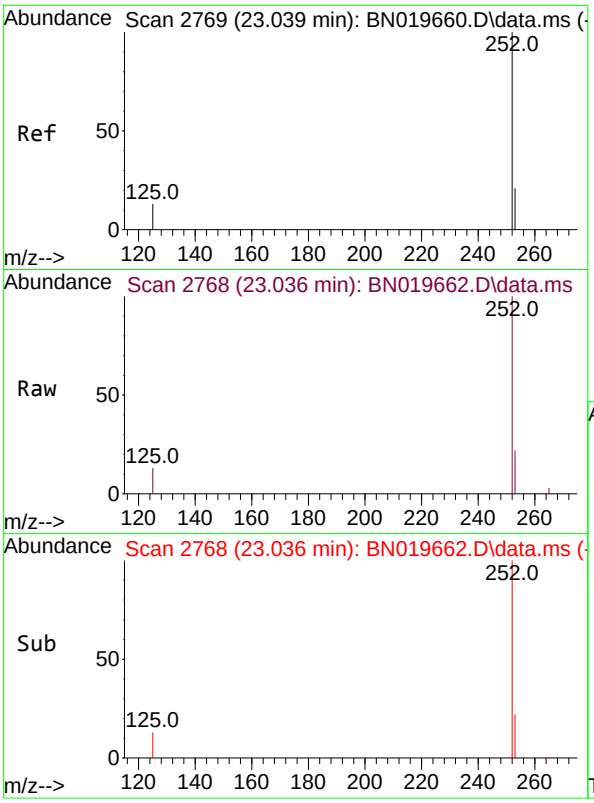


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.611 ng
RT: 26.156 min Scan# 3835
Delta R.T. -0.003 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:276 Resp: 104736

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



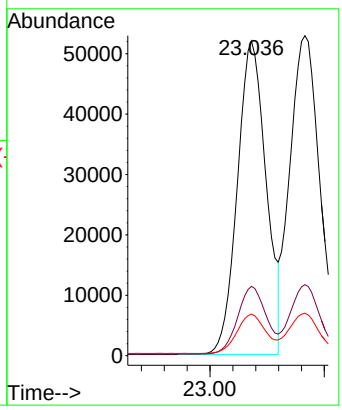


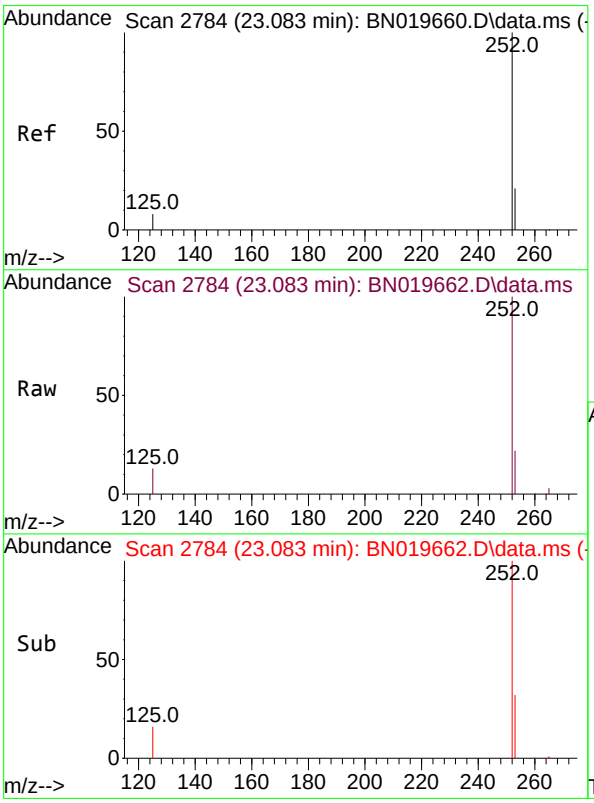
#37
Benzo(b)fluoranthene
Concen: 1.639 ng
RT: 23.036 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 90581

Ion	Ratio	Lower	Upper
252	100		
253	22.0	21.2	31.8
125	13.2	15.9	23.9#

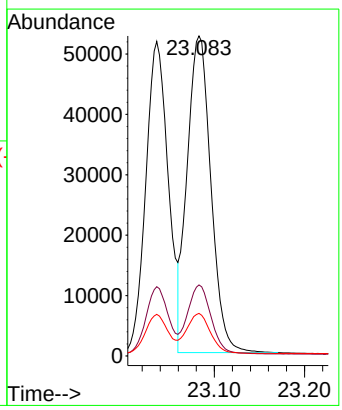


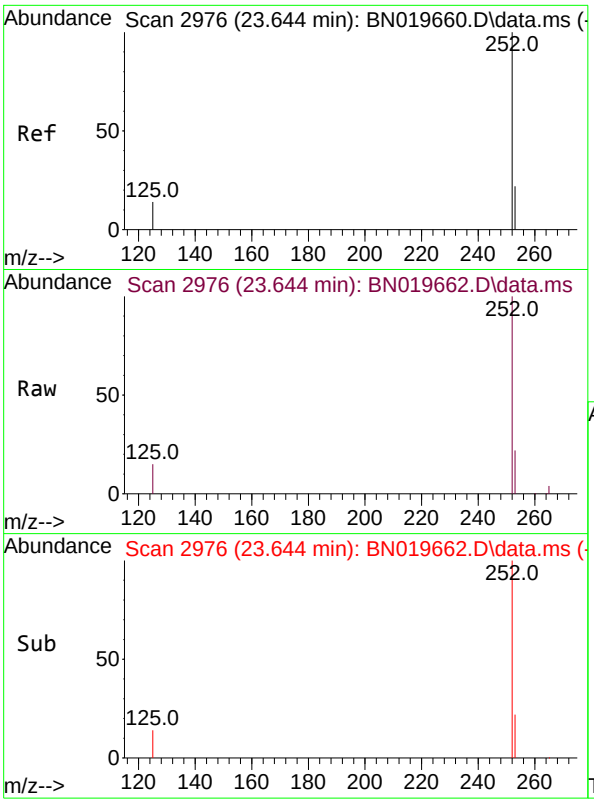


#38
Benzo(k)fluoranthene
Concen: 1.719 ng
RT: 23.083 min Scan# 2784
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:252 Resp: 95764

Ion	Ratio	Lower	Upper
252	100		
253	22.2	21.7	32.5
125	13.3	17.0	25.4#



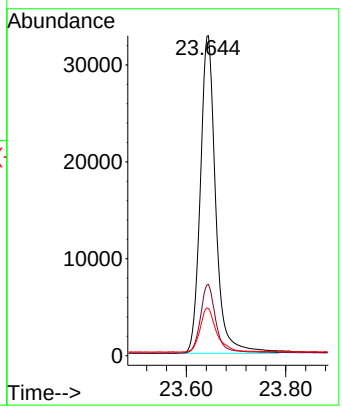


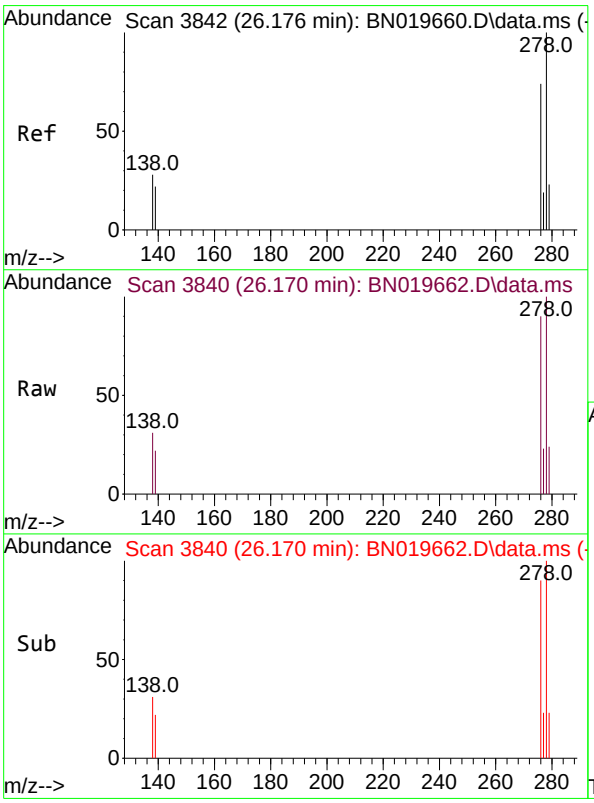
#39
Benzo(a)pyrene
Concen: 1.638 ng
RT: 23.644 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 70556

Ion	Ratio	Lower	Upper
252	100		
253	22.3	23.1	34.7#
125	14.8	20.4	30.6#

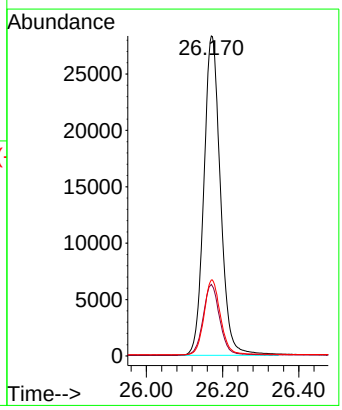


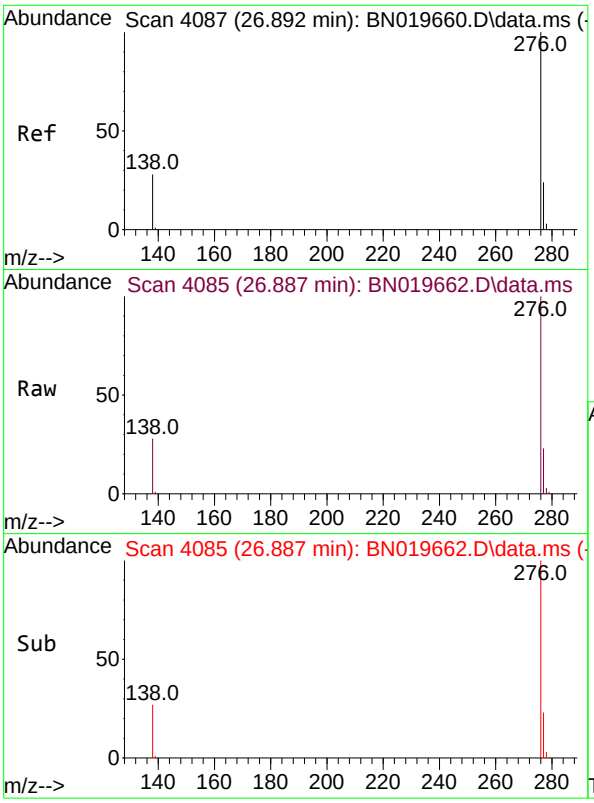


#40
Dibenzo(a,h)anthracene
Concen: 1.616 ng
RT: 26.170 min Scan# 3840
Delta R.T. -0.006 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Tgt Ion:278 Resp: 85525

Ion	Ratio	Lower	Upper
278	100		
139	22.3	19.4	29.2
279	23.7	21.8	32.8





#41
Benzo(g,h,i)perylene
Concen: 1.519 ng
RT: 26.887 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN019662.D
Acq: 04 May 2022 13:25

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 85171

Ion	Ratio	Lower	Upper
276	100		
277	23.5	20.2	30.2
138	27.7	23.5	35.3